Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Brown trailer with dark brown trim.
Large Wood pile out front by front door

GPS Coordinates:	Latitude [redacted]	Longitude [redacted]

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 1 ~ 4 6

Number of children less than 6 years old using well Ø

Depth of well (if known) ~100

Treatment system in use NC | Type *(filer, softener, etc.)* N/A

Groundwater Sampling Locations

spigot just to right of trailer.

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

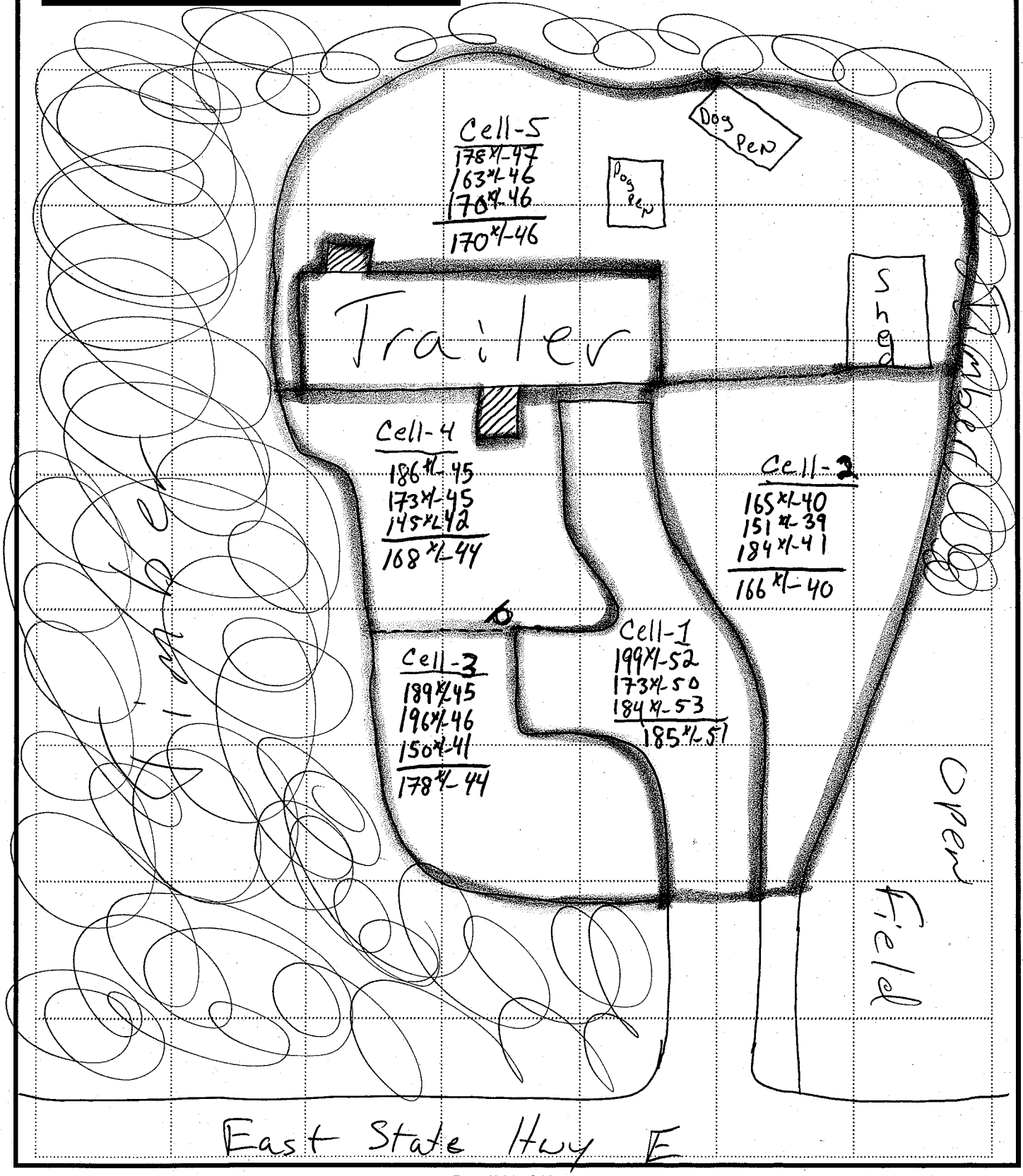
30193041

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20459 **Study Area #** 8

Date(s): 12-06-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMB 12-7-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

1mi/ From 47+E Leftside Add on pole on mail Box

GPS Coordinates:	Latitude 37.98795	Longitude -90.72091

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 5 46-27-16-13-8

Number of children less than 6 years old using well 0

Depth of well (if known) 100+

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

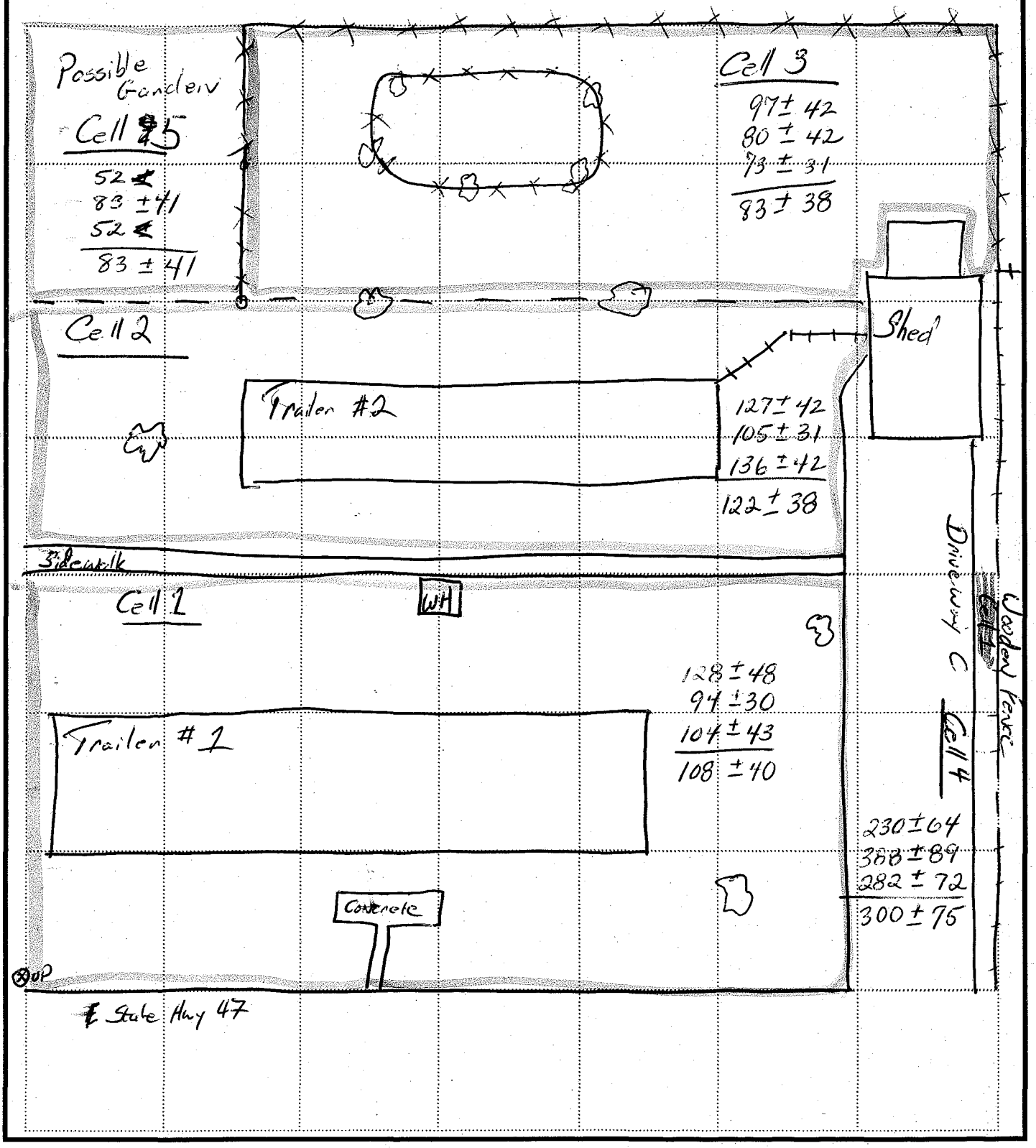
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20460 **Study Area #** 8

Date(s): 12/5/2005
lab analysis 12-7-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	XFR #61	cm
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
two trailers on same property. Share the same well.
1st trailer: tan with white skirt and Blue trim
2nd trailer- off-white with wooden porch. Green and white window awnings

GPS Coordinates:	Latitude 38.00291	Longitude -90.72951

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 4 (24, 28, 12, 57)

Number of children less than 6 years old using well Ø

Depth of well (if known) UNKNOWN

Treatment system in use	NO	Type *(filer, softener, etc.)* N/A

Groundwater Sampling Locations

spigot on back trailer

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

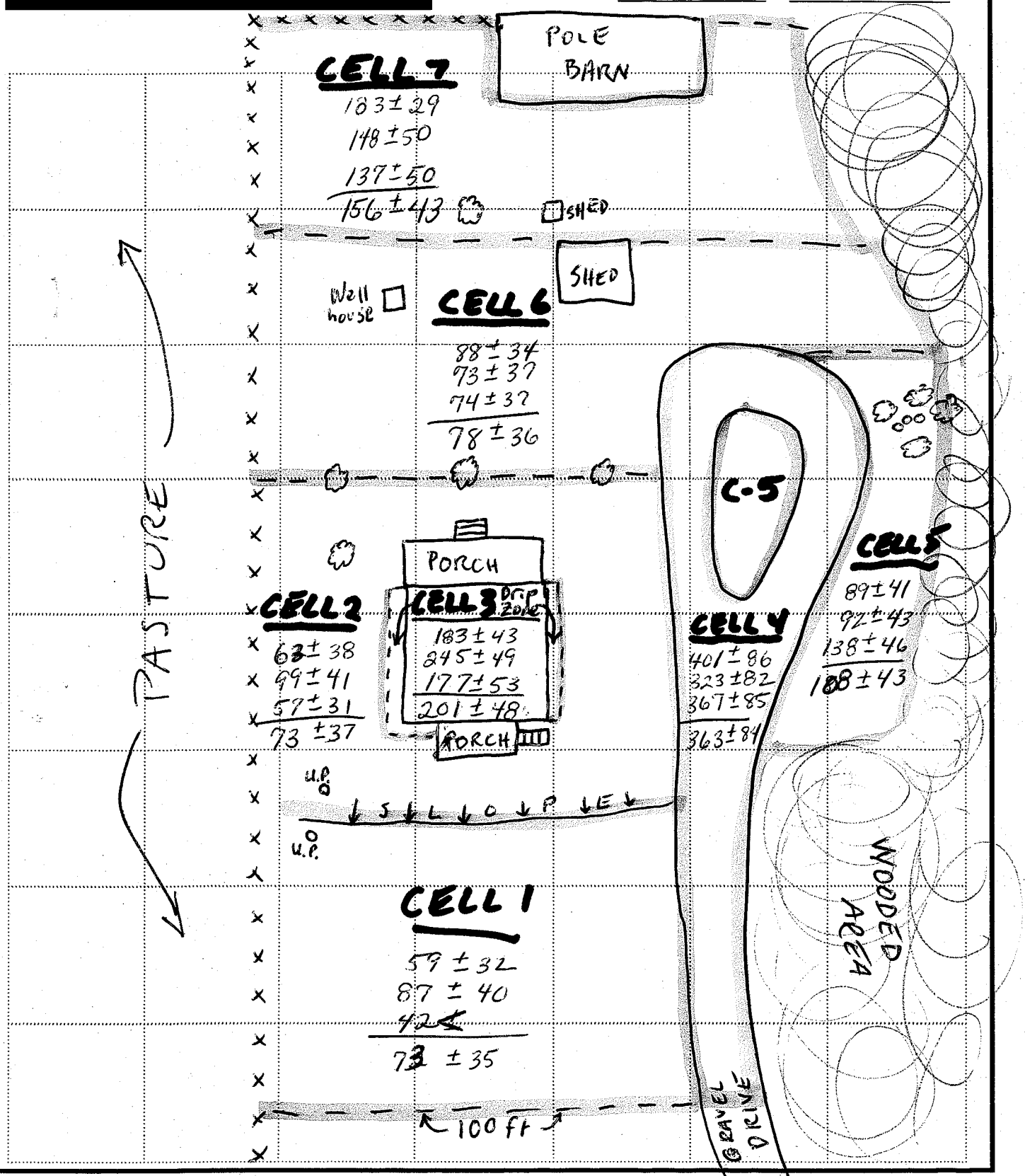
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20461 **Study Area #** 8

Date(s): 12-5-05
lab analysis 12-7-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#61	CM
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
Grey house, white trim. Dark Green shutters.
Front and back porch

GPS Coordinates:	Latitude 38.00425	Longitude -90.73239

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2

Number of children less than 6 years old using well 1 - 2yr old visits Frequently

Depth of well (if known) Unknown

Treatment system in use	NO	Type *(filer, softener, etc.)*	N/A

Groundwater Sampling Locations

Spigot on wellhouse in back

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

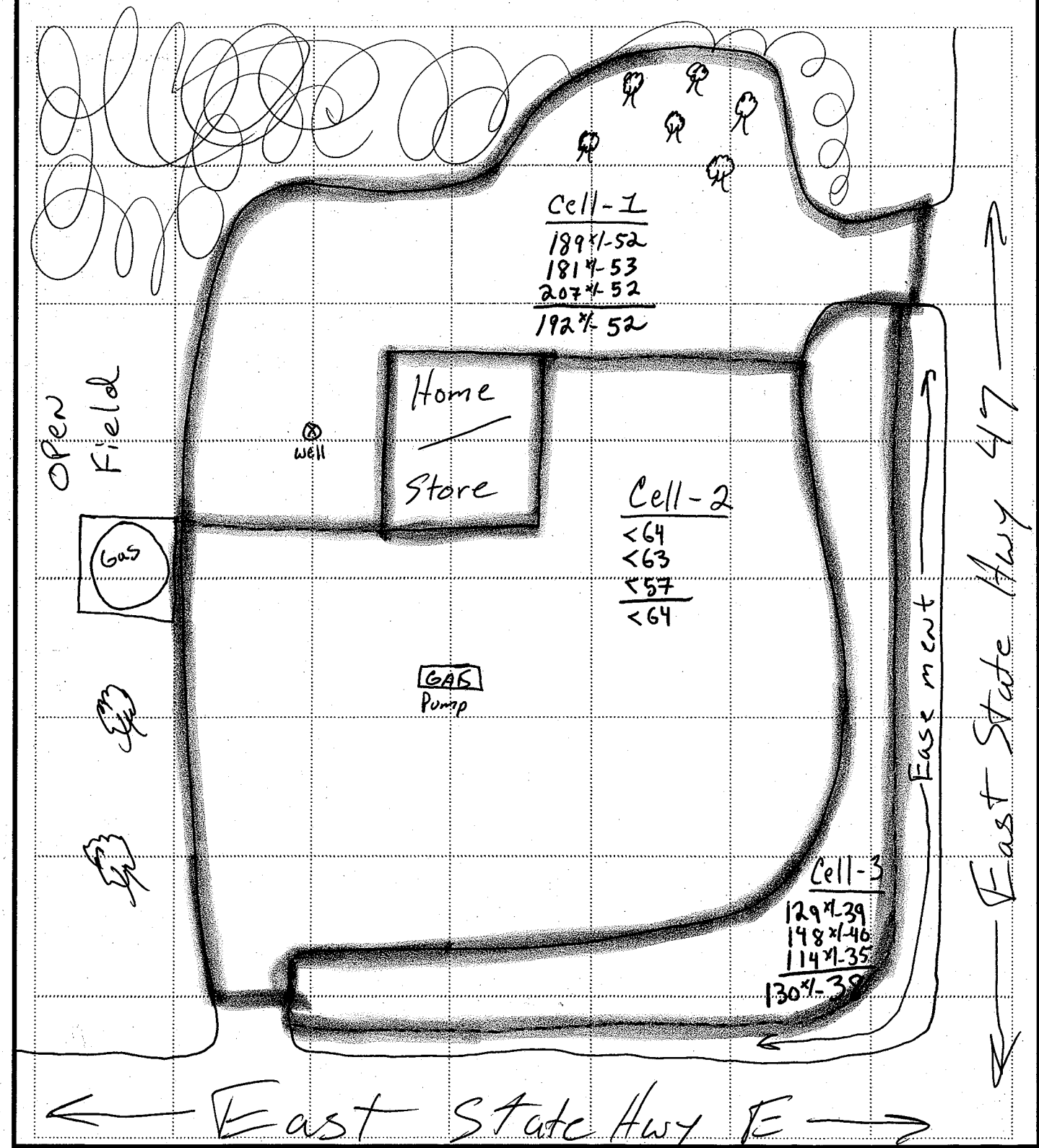
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20462 **Study Area #** 8

Date(s): 12-06-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6 12-7-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
store @ corner of E & 47
White with green roof. it is also a residence

GPS Coordinates:	Latitude 37.992915	Longitude -90.70705

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 1

Number of children less than 6 years old using well Ø

Depth of well (if known) ~240

Treatment system in use NO Type *(filer, softener, etc.)* N/A

Groundwater Sampling Locations

hydrant right @ well in back

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

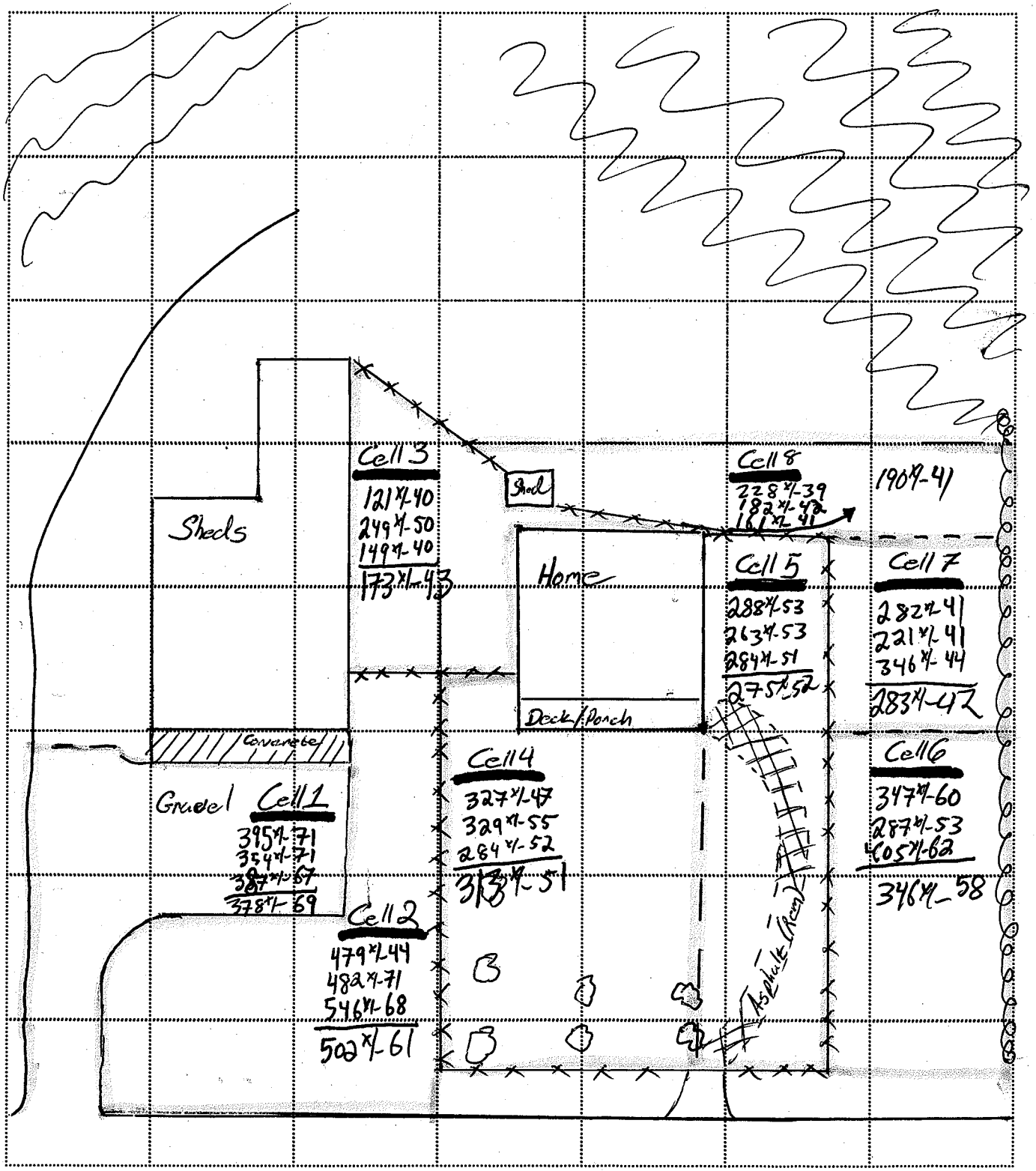
Comments/Observations

Washington County Lead District Site
Residential Property Screening Form
EPA Site # 20464 **Study Area #** 8

Date(s): 12/5/2005

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6 12-7-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Yellow house with Chain Link fence
B5 yellow garage

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2

Number of children less than 6 years old using well Ø

Depth of well (if known) 85

Treatment system in use N/O | Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Spigot by the garage

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

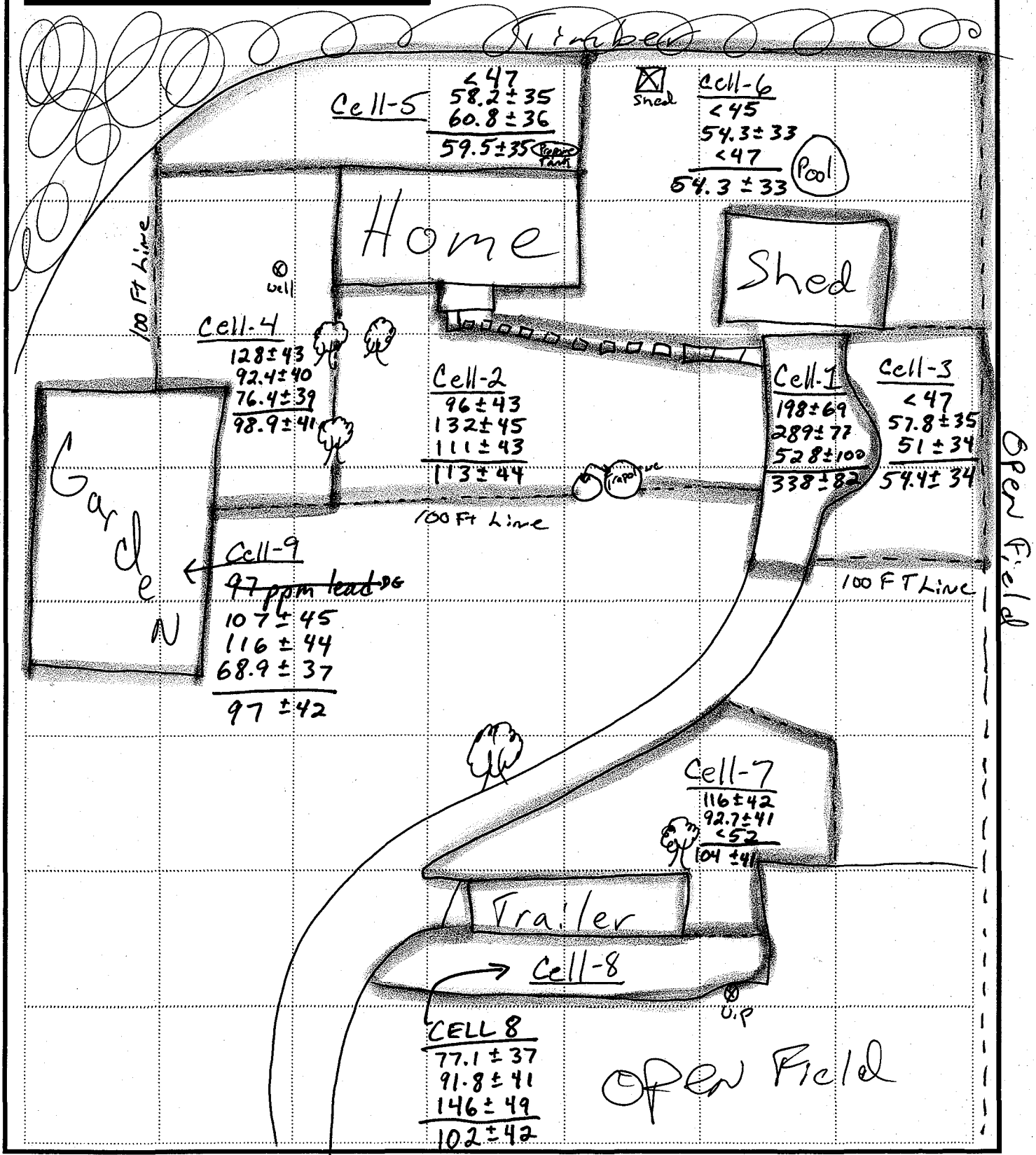
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20476 **Study Area #** 8

Date(s): 12-15-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	12-19-05 61	DG
Post-Removal:		



[redacted]

Landlord Contact Information

Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
TAN/yellowish home with white trim. at end of Shibolleth.
House also has a grey trailer with white trim at foot of driveway that the daughter and children live in. They share the same well - Draw this in with the house when sampling

GPS Coordinates:	Latitude 38.01336	Longitude -90.70627	
Does this property have a private drinking water well?	(Yes)	No	Unknown
If yes, total number of residents served by well	49, 44, 26, 12, 8, 15 > 9 all together		
Number of children less than 6 years old using well	3 - (2, 4, 7)		
Depth of well (if known)	150'		
Treatment system in use	NO	Type *(filer, softener, etc.)*	N/A

Groundwater Sampling Locations

Spigot on back of House

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

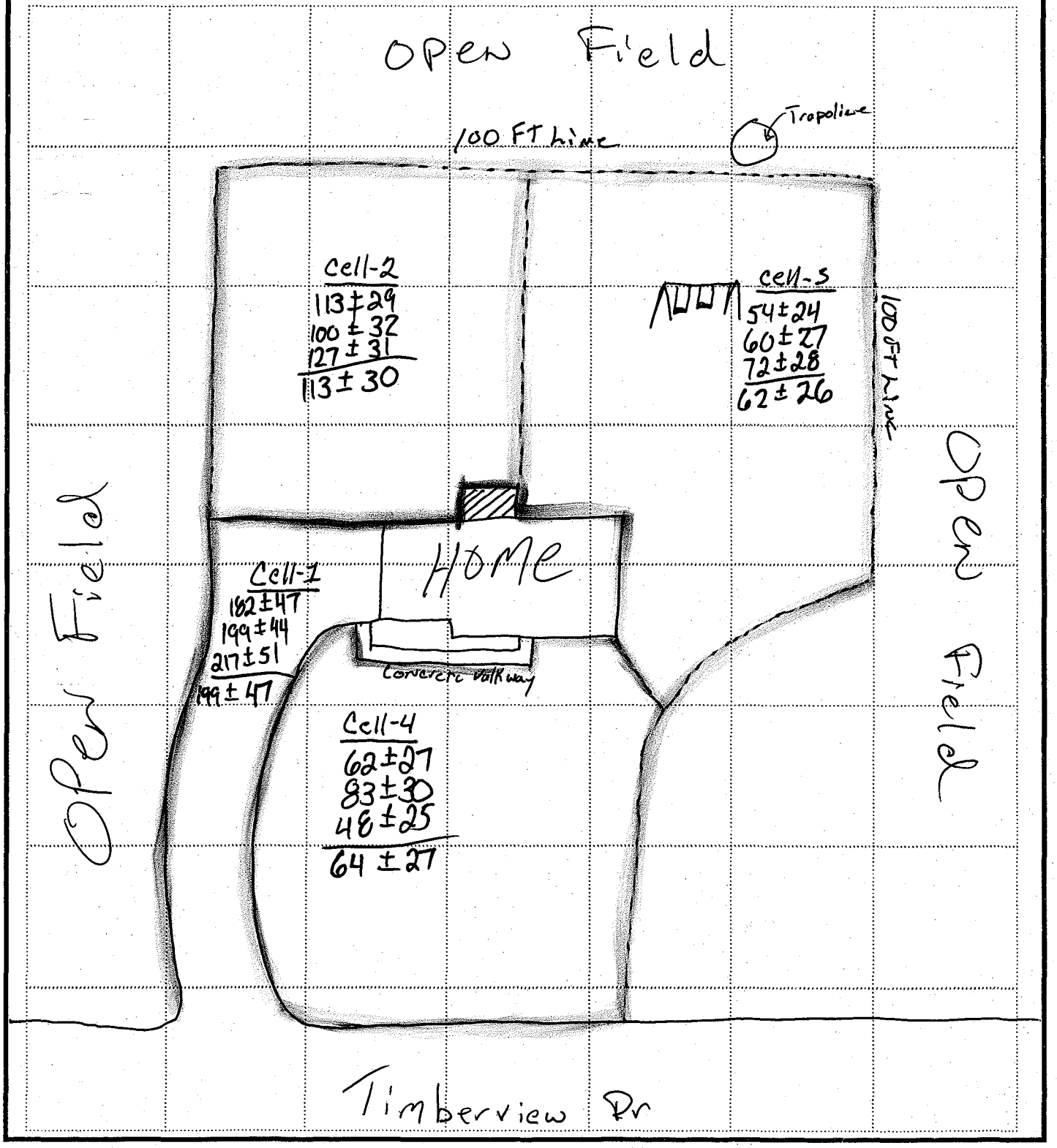
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20507 **Study Area #** 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

New Home At the corner of Meadows + Timberview Tan Siding + Green Shutters

GPS Coordinates:	Latitude 37.999575	Longitude -90.71599

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 7 (2) 40s 12 10 7 ?

Number of children less than 6 years old using well NO

Depth of well (if known) NO

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

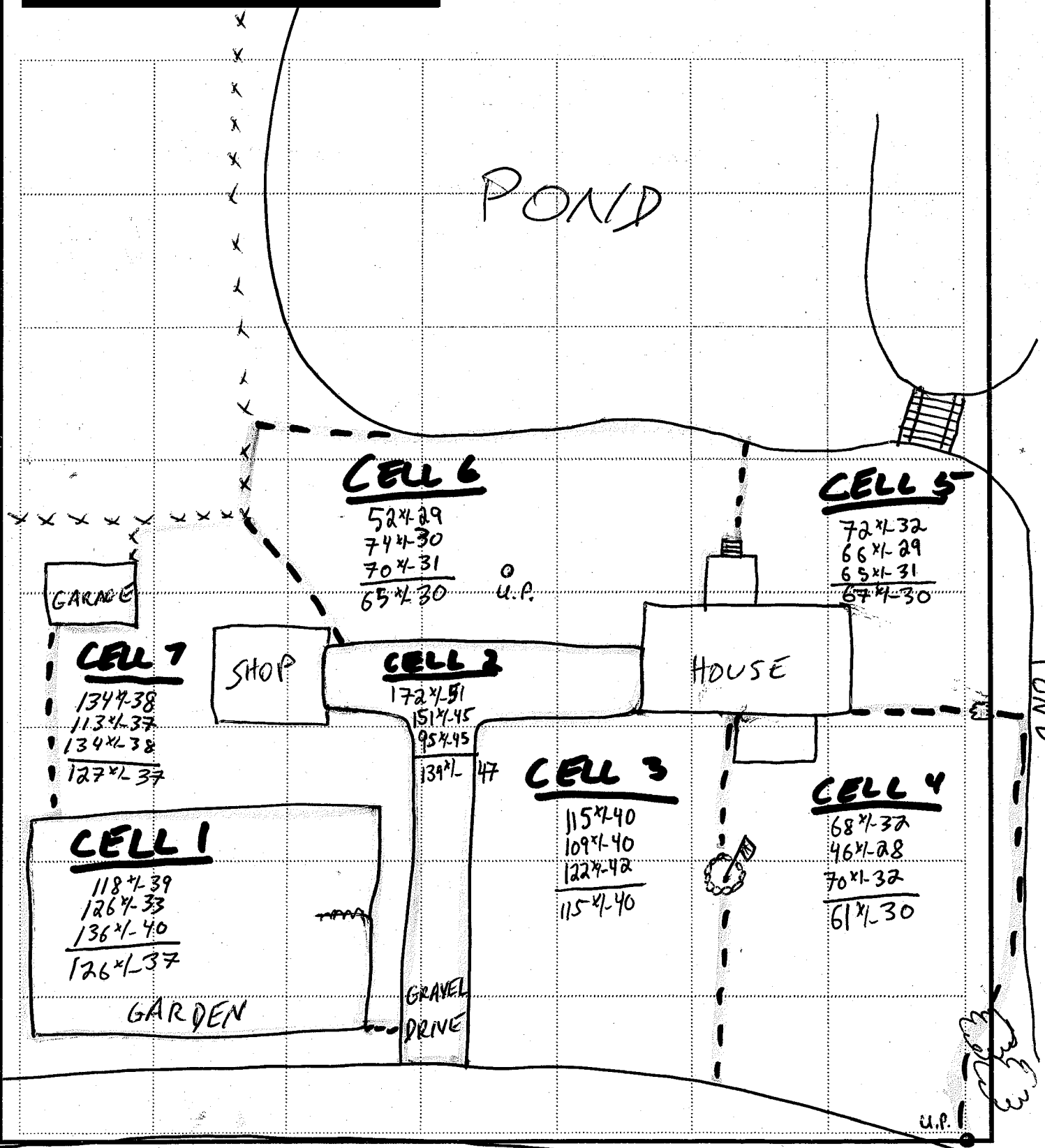
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20513 **Study Area #** 8

Date(s): 12-5-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

TAN Home with blue shutters. Mod home
SAME color detached garage

GPS Coordinates:	Latitude 36.60170	Longitude -90.72719	
Does this property have a private drinking water well?	(Yes)	No	Unknown
If yes, total number of residents served by well	4/~ 50, 48, 23		
Number of children less than 6 years old using well	1 - (3 yrs old)		
Depth of well (if known)	UNKNOWN		
Treatment system in use	NO	Type *(filer, softener, etc.)*	N/A

Groundwater Sampling Locations

water spigot on little well house in front
↳ lift blue handle to turn on water

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

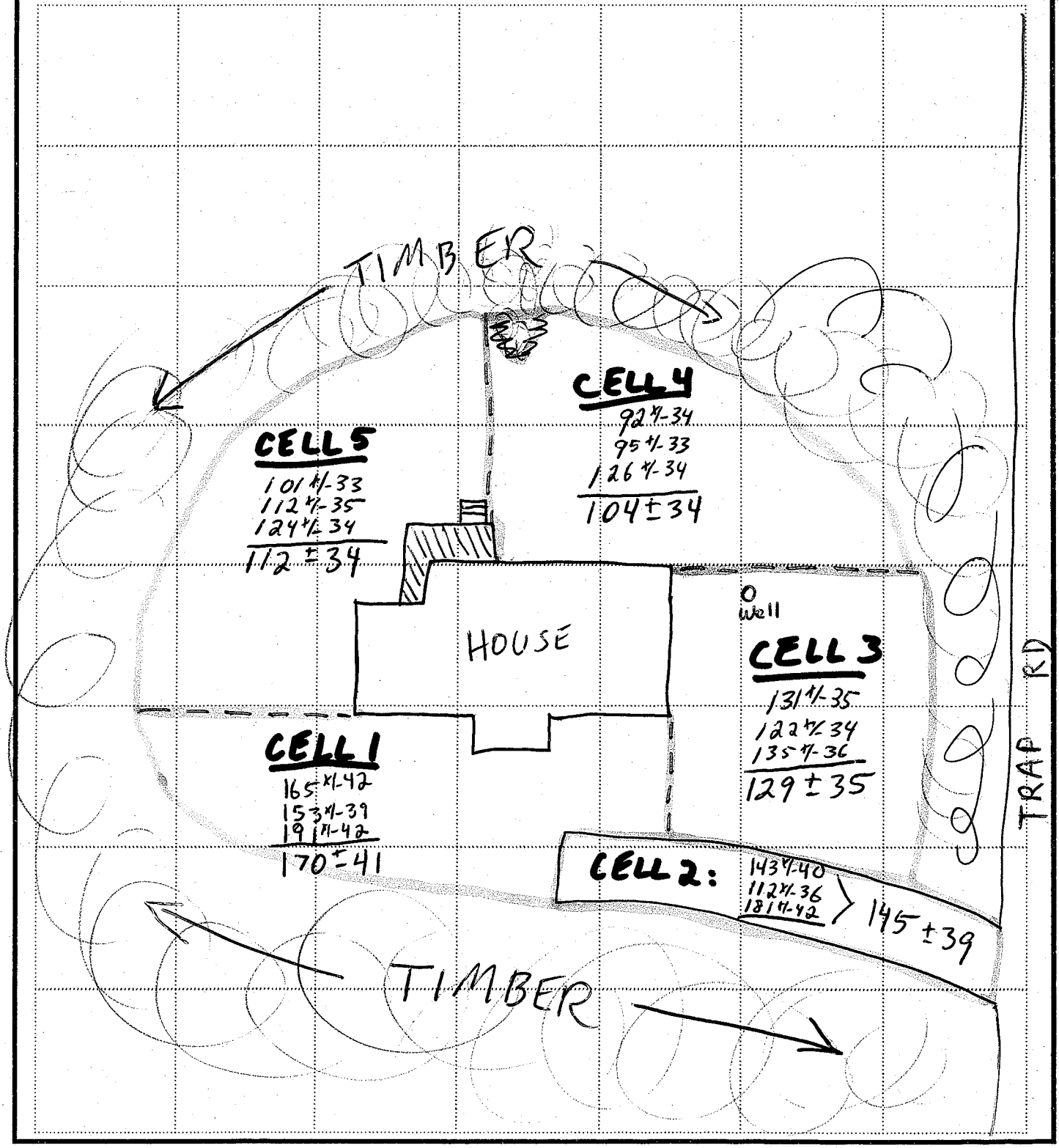
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20518 **Study Area #** 8

Date(s): 12-1-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NG. 12/3/05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

1st house on trap on the left

GPS Coordinates:	Latitude 37.98568	Longitude 090.72461

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well (5) 19 25 30 3 9mo

Number of children less than 6 years old using well 2

Depth of well (if known) 285

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

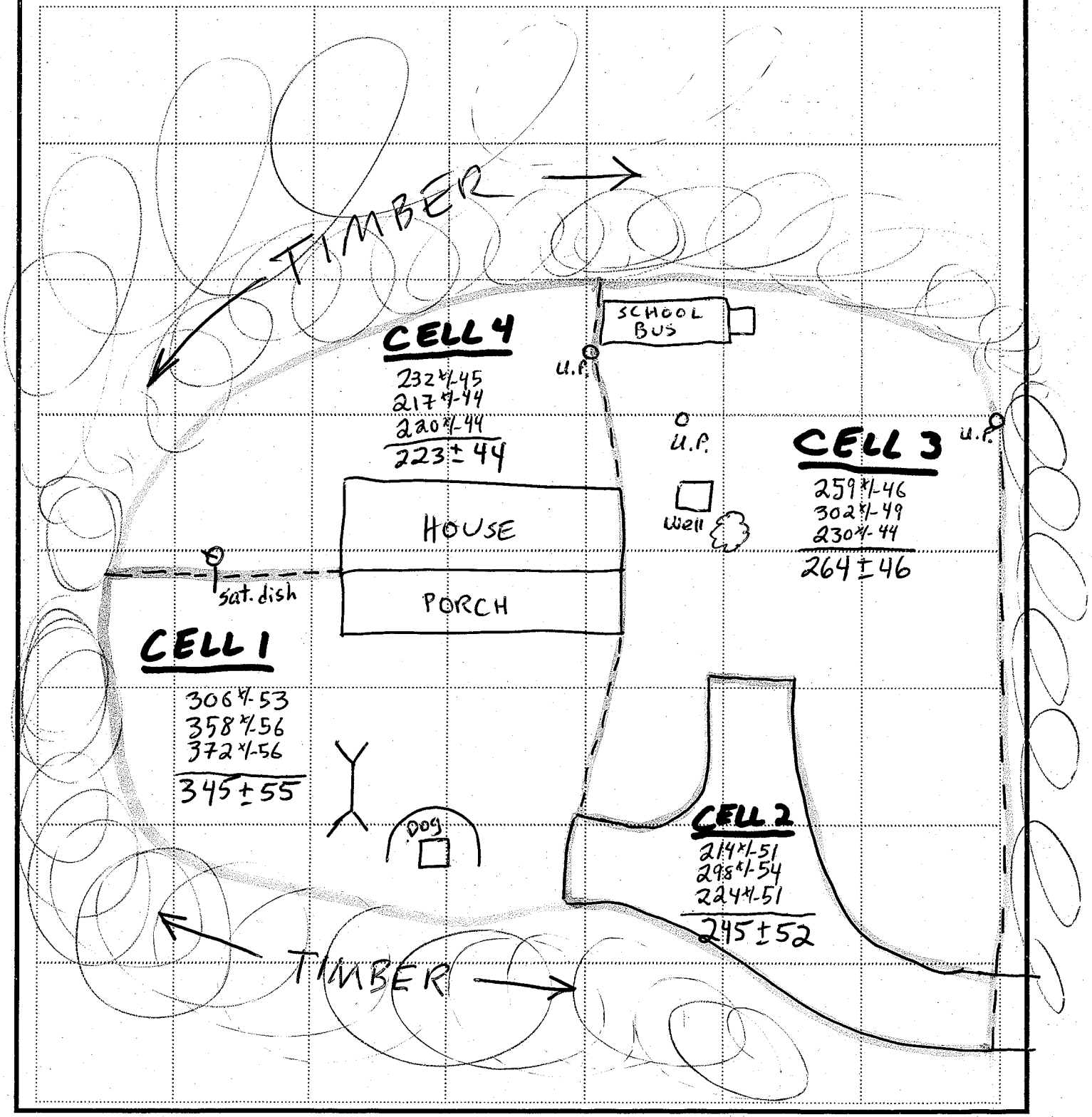
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20519 **Study Area #** 8

Date(s): 12-1-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:		
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Earth Home on left side of Trap Road of to the left

GPS Coordinates:	Latitude 37.98691	Longitude -90.72616

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 4 32 30 125

Number of children less than 6 years old using well 1

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

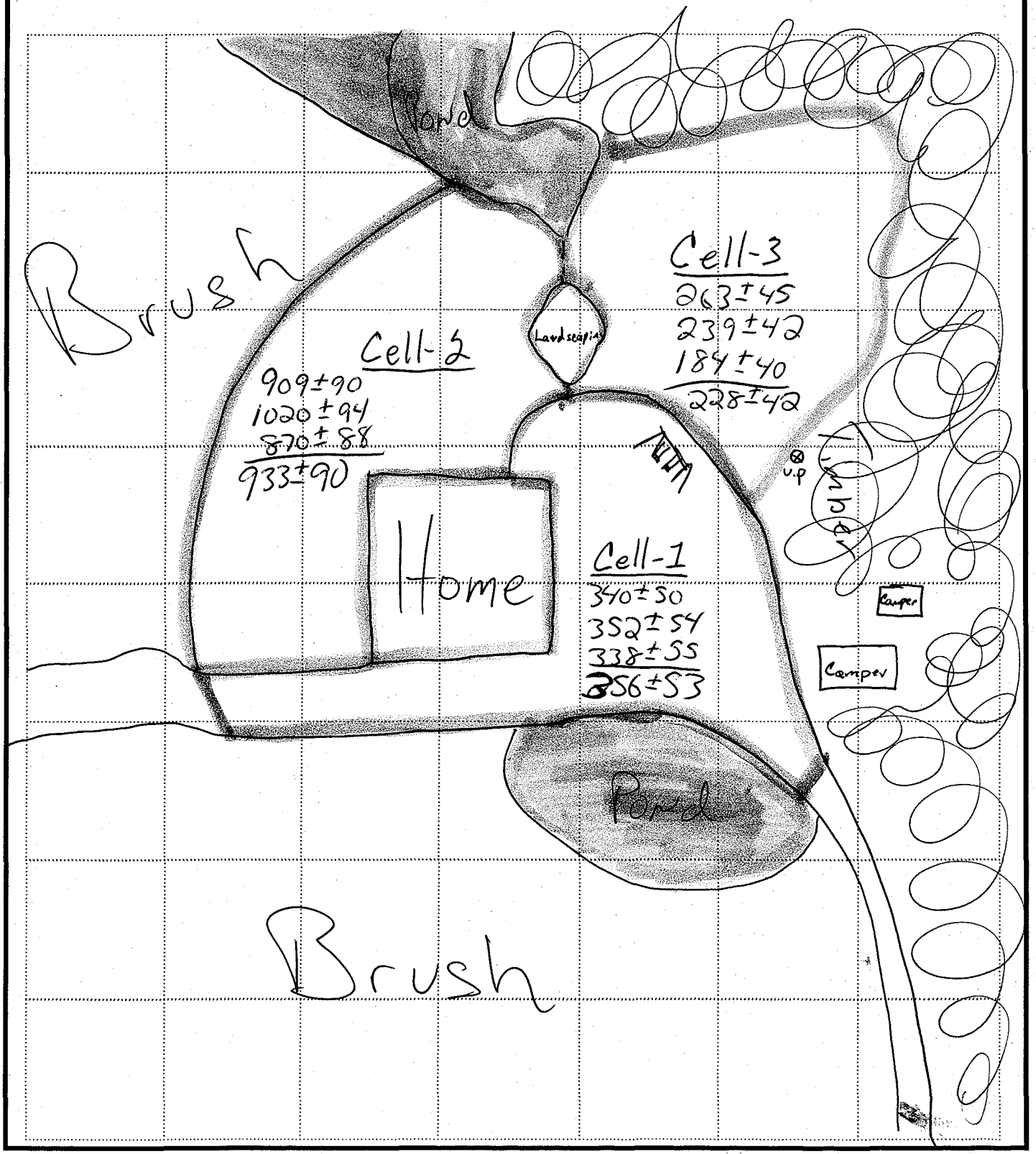
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20530 **Study Area #** 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#58	J.H.
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
40 acres. House site way off St. Hwy 8. Mailbox out front on Hwy.
House is Tarpaper siding with tin roof.

GPS Coordinates:	Latitude 37.98878	Longitude -90.71645

Does this property have a private drinking water well? Yes (No) Unknown

If yes, total number of residents served by well [redacted]3 (44, 42)

Number of children less than 6 years old using well 5 yrs old

Depth of well (if known) N/A

Treatment system in use	N/A	Type *(filer, softener, etc.)*	N/A

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property
owner does not have a well yet. He is hauling water in till he does.
It is possible if he will have one by the time we sample.

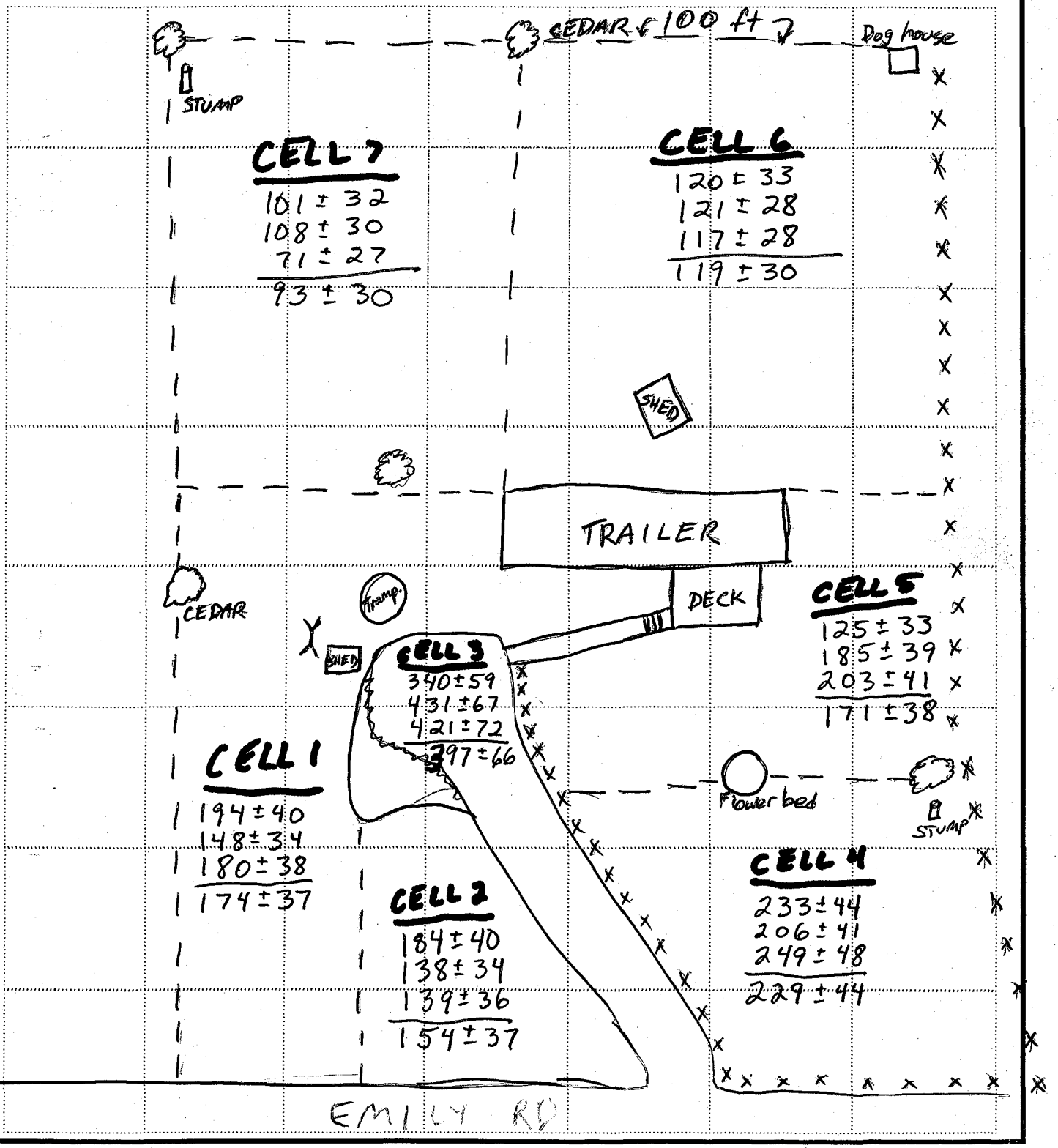
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20531 **Study Area #** 8

Date(s): 12-1-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58 12-3-05	DG
Post-Removal:		



Landlord Contact Information

[redacted]

Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Eggshell white with white skirt and gray trim trailer
1st house on (R) off of Hwy E

GPS Coordinates:	Latitude 37.98747	Longitude -90.72313

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 4 - 15, 15, 57, 53

Number of children less than 6 years old using well 0

Depth of well (if known) ~110

Treatment system in use	NO	Type *(filer, softener, etc.)* N/A

Groundwater Sampling Locations

- get sample from inside house

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

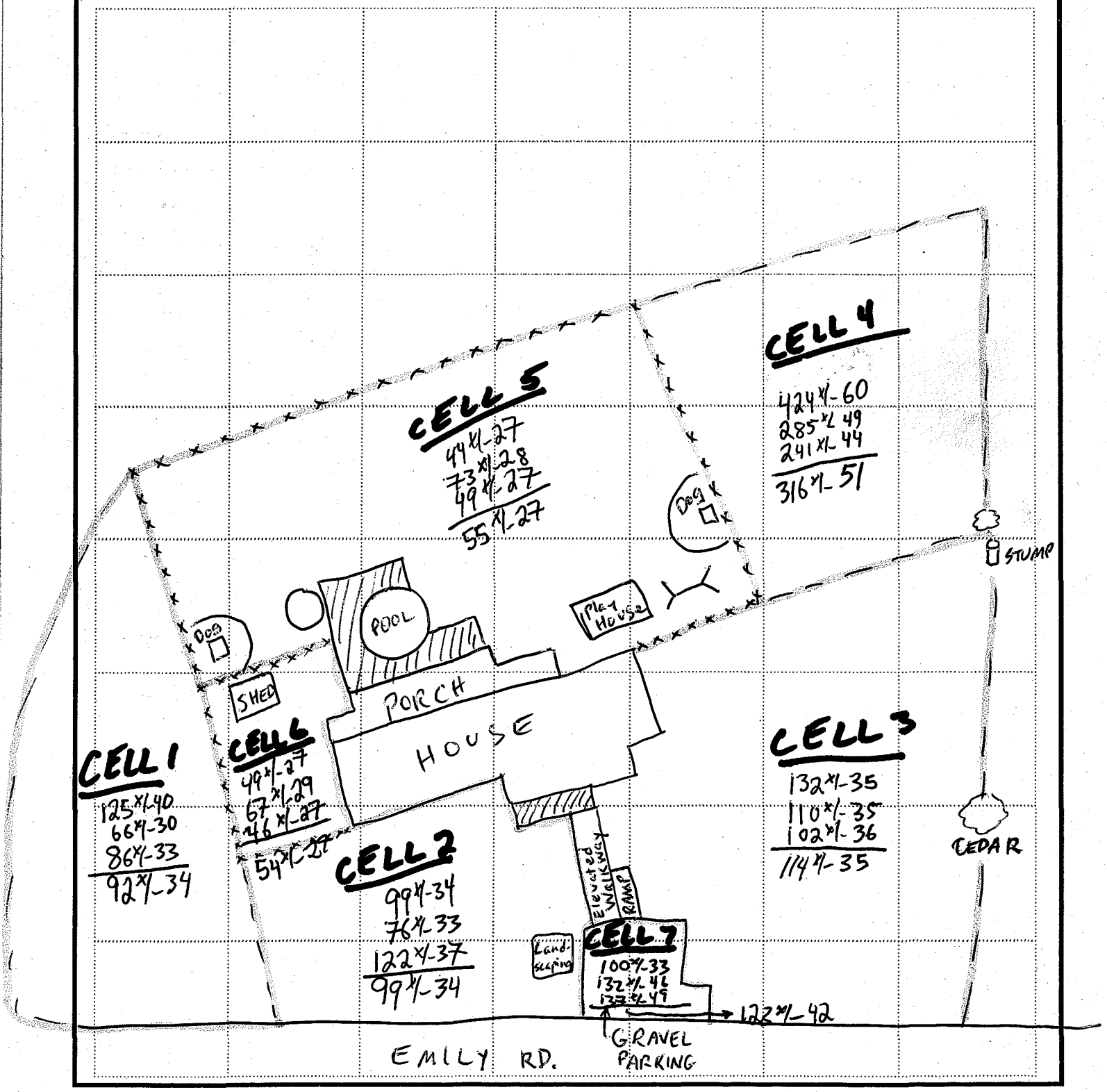
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20532 **Study Area #** 8

Date(s): 12-1-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6 12/6/05
Post-Removal:		



Landlord Contact Information

[redacted]

Physical Description of House or Property *(include estimate of acreage, if possible)*

~~White trailer with white skirt. Yard has a display of strikes next to grant parking pad~~

GPS Coordinates:	Latitude 37.98793	Longitude -90.72371
Does this property have a private drinking water well?	Yes	No Unknown
If yes, total number of residents served by well	4 - 35, 34, 10, 7	
Number of children less than 6 years old using well	Ø	
Depth of well (if known)	~130	
Treatment system in use	NO	Type *(filer, softener, etc.)* N/A

Groundwater Sampling Locations

spigot on backside of house

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

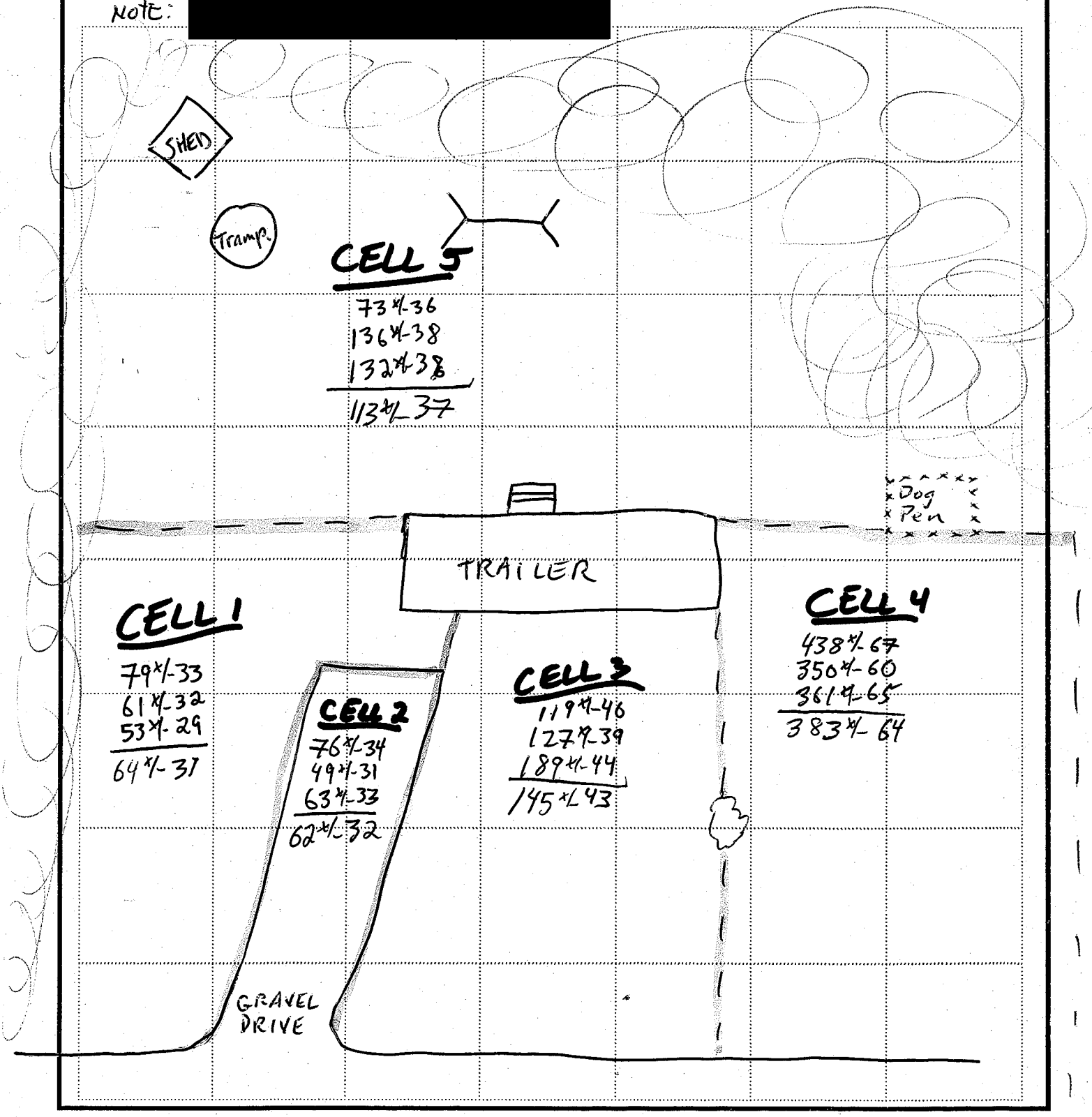
RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site #20533 Study Area # 8

Date(s): 12-1-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	56	NM6 12/6/05
Post-Removal:		

Note: [redacted]



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
grey-TAN trailer with white skirt and blue trim/shutters

GPS Coordinates:	Latitude 37.98852	Longitude -90.72343	
Does this property have a private drinking water well?	(Yes)	No	Unknown
If yes, total number of residents served by well	5 - 6, 11, 14, 31, 22		
Number of children less than 6 years old using well	Ø		
Depth of well (if known)	UNKNOWN		
Treatment system in use	NO	Type *(filer, softener, etc.)* N/A	

Groundwater Sampling Locations

~~Draw sample from indoor faucet.~~ -ALWAY SOMONE home

spigot under taped cover in yard.

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

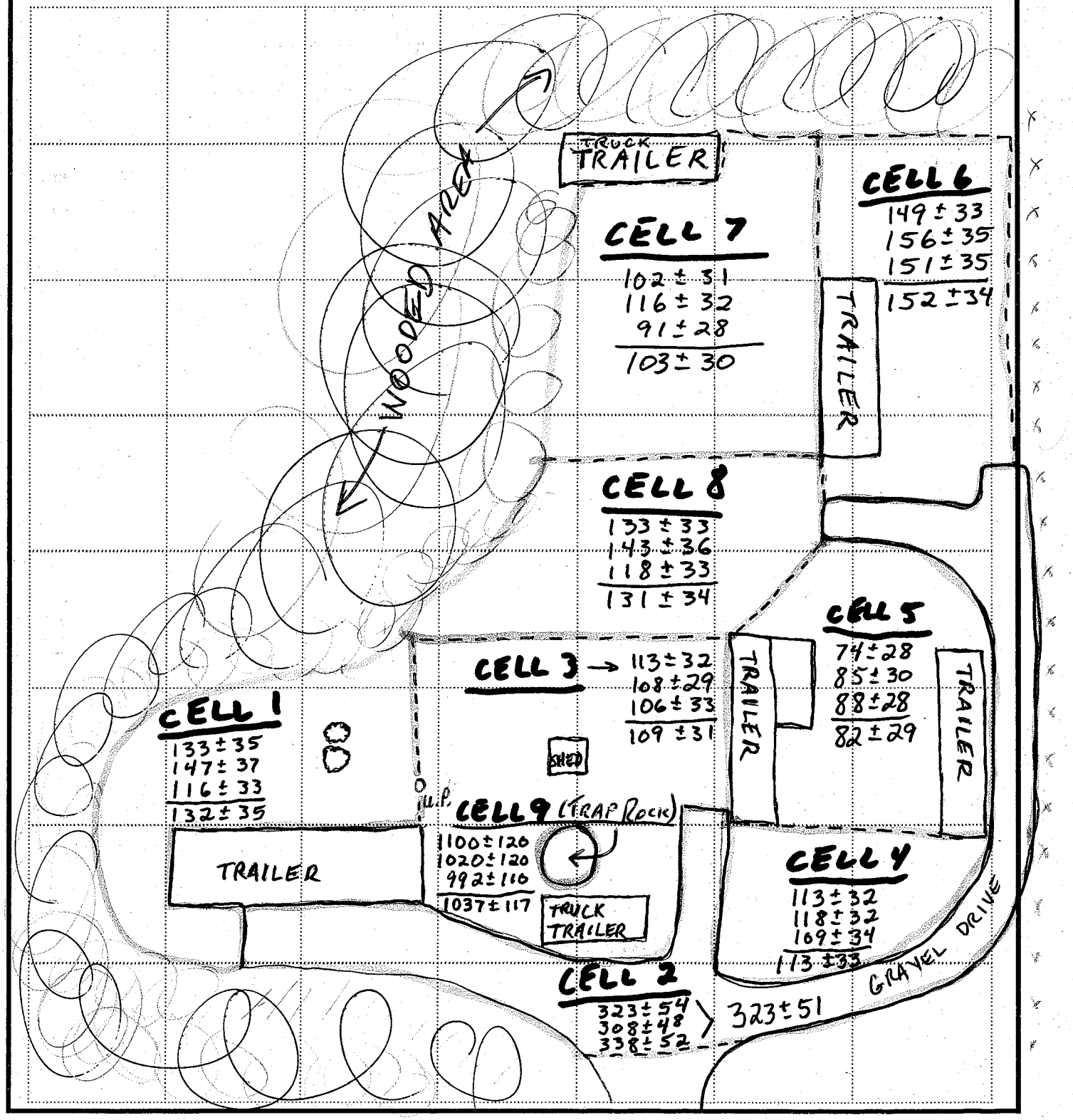
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20534 **Study Area #** 8

Date(s): 12-1-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58 12-3-05	DG
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
There are 4 trailers here @ the end of Rock Rd (off Emily Rd)
They all belong to the 1st trailer which is grey with white skirt.
They all share same well. Only 2 trailers have residents.

GPS Coordinates:	Latitude 37.98853	Longitude -90.72246

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well total (11) (16, 14, 13, 10) & 5 Adults - 35, 25, 49, 56, 55

Number of children less than 6 years old using well 2 (4, 3)

Depth of well (if known) UNKNOWN

Treatment system in use: NO Type *(filer, softener, etc.)* N/A

Groundwater Sampling Locations

spigot on back of main trailer
Well in well house

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

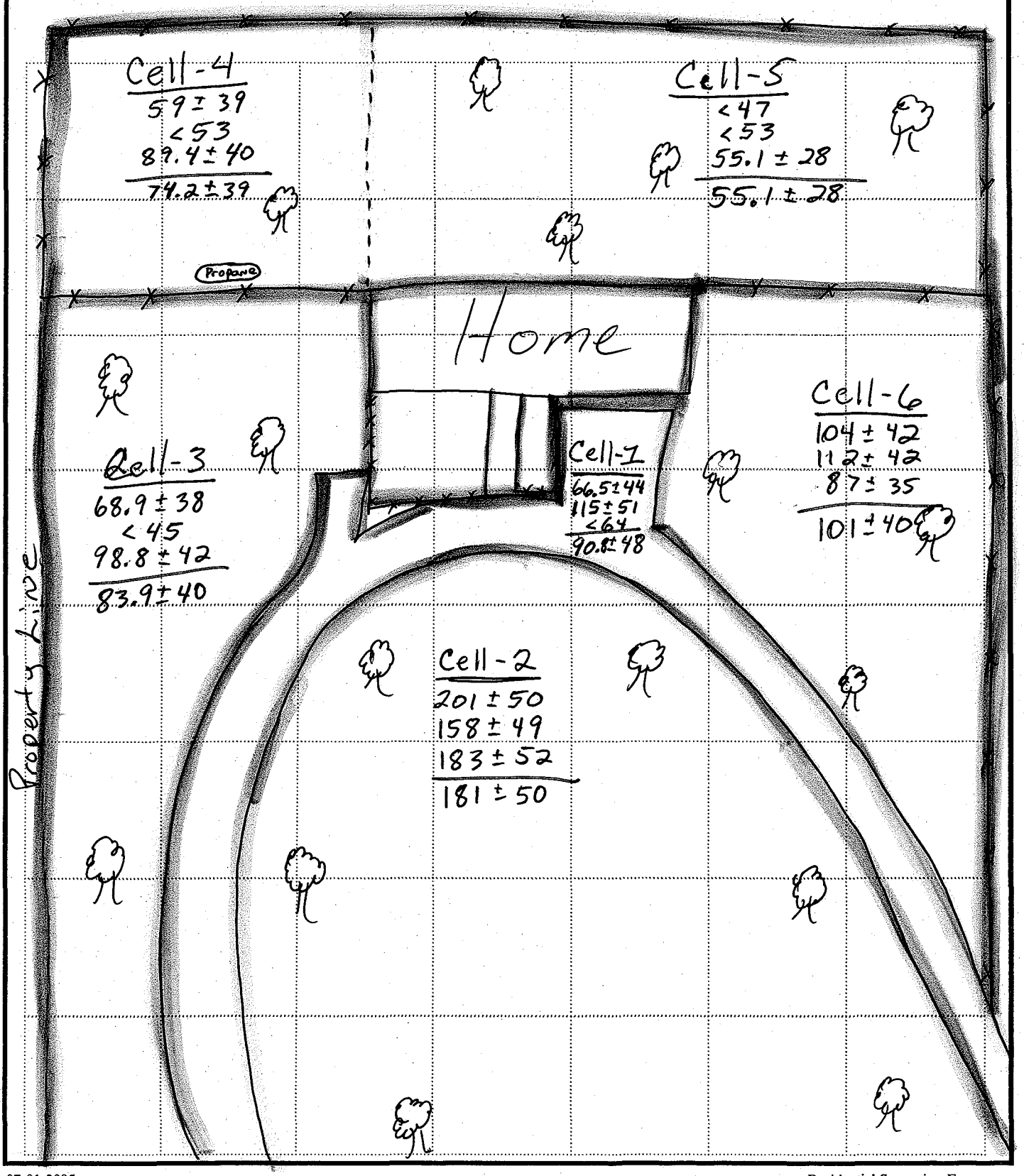
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20535 **Study Area #** 8

Date(s): 12-15-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	61 12-19-05	DG
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
Brown wooden house with wooden [redacted] Large porch. Black lab Dog.
House is all wood with green shutters

GPS Coordinates:	Latitude 36.01349	Longitude -90.70566

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (72, 45)

Number of children less than 6 years old using well Ø

Depth of well (if known) 100 ft

Treatment system in use	NO	Type *(filer, softener, etc.)*	N/A

Groundwater Sampling Locations

Get water sample from inside house

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

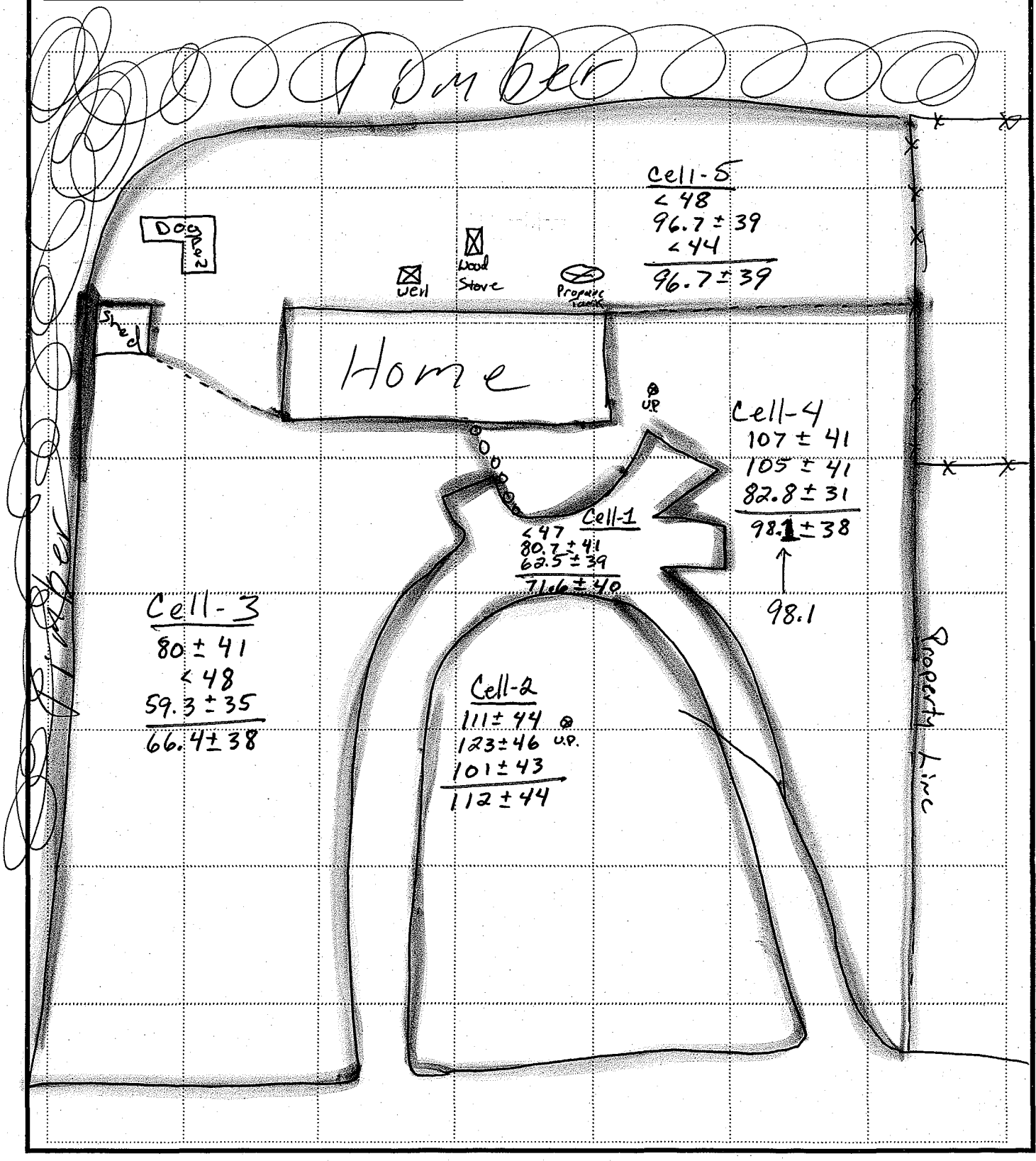
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20536 **Study Area #** 8

Date(s): 12-15-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	61 12-19-05	DG
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Grey home with white trim. White beams at front entrance. old wooden shed to left side

GPS Coordinates:	Latitude 38.01378	Longitude -90.70618	
Does this property have a private drinking water well?	(Yes)	No	Unknown
If yes, total number of residents served by well	~~2~~ 3 - 42, 34, 16		
Number of children less than 6 years old using well	~~2~~ Ø		
Depth of well (if known)	7200		
Treatment system in use	NO	Type *(filer, softener, etc.)*	N/A

Groundwater Sampling Locations

Get water sample from small well house in back

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

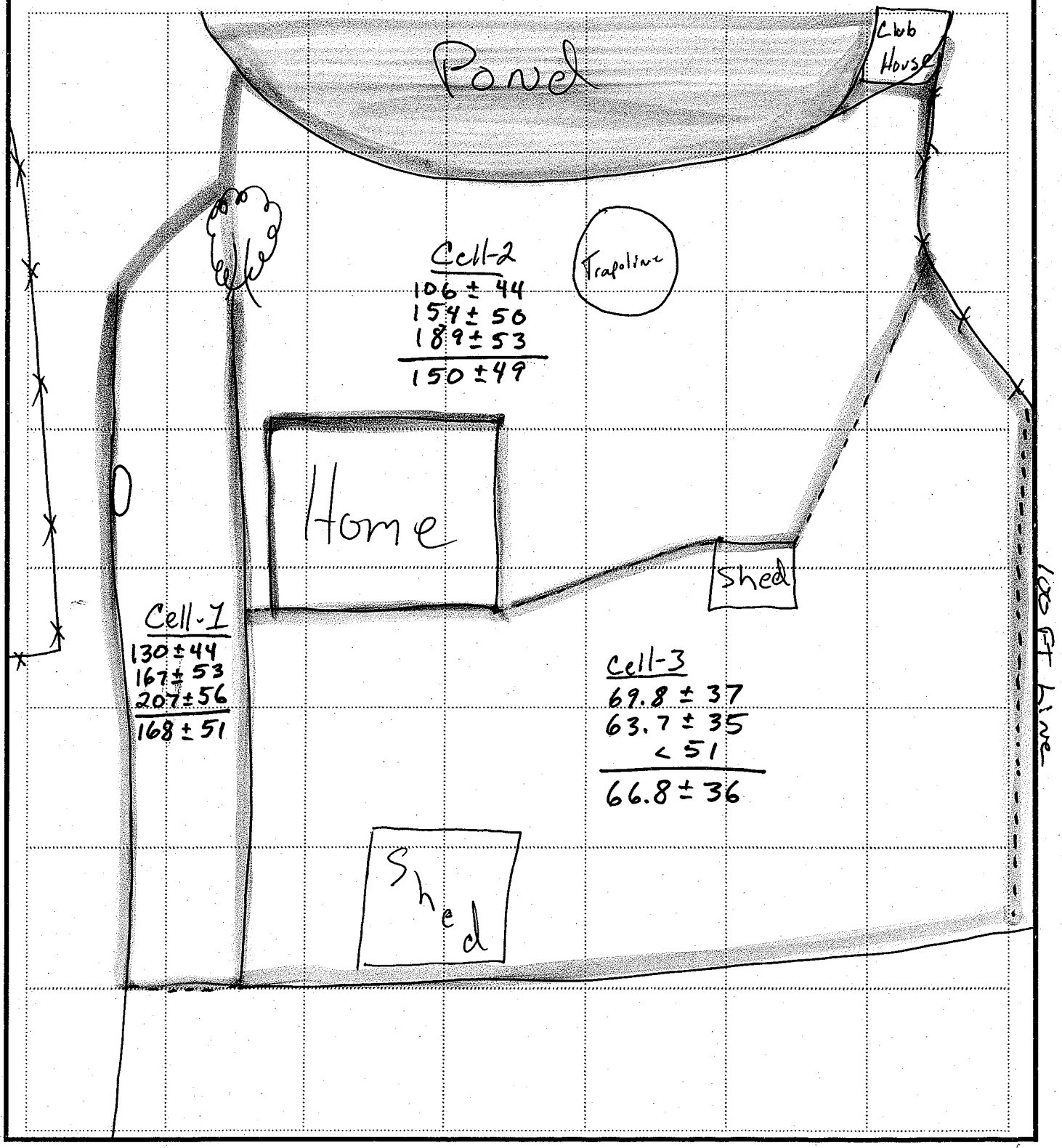
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20537 Study Area # 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	61 12-19-05	DG
Post-Removal:		



Landlord Contact Information

Telephone No.: N/A Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

property only has 3 trailers (one burned)

take gravel road at end of Otis Rd (has "Private Road" sign over it)

[redacted] lives in home on right at end of Otis Rd.

GPS Coordinates:	Latitude 37.59297	Longitude -90.43508

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well [redacted] 1 - 47

Number of children less than 6 years old using well 1

Depth of well (if known) 320 280 415

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

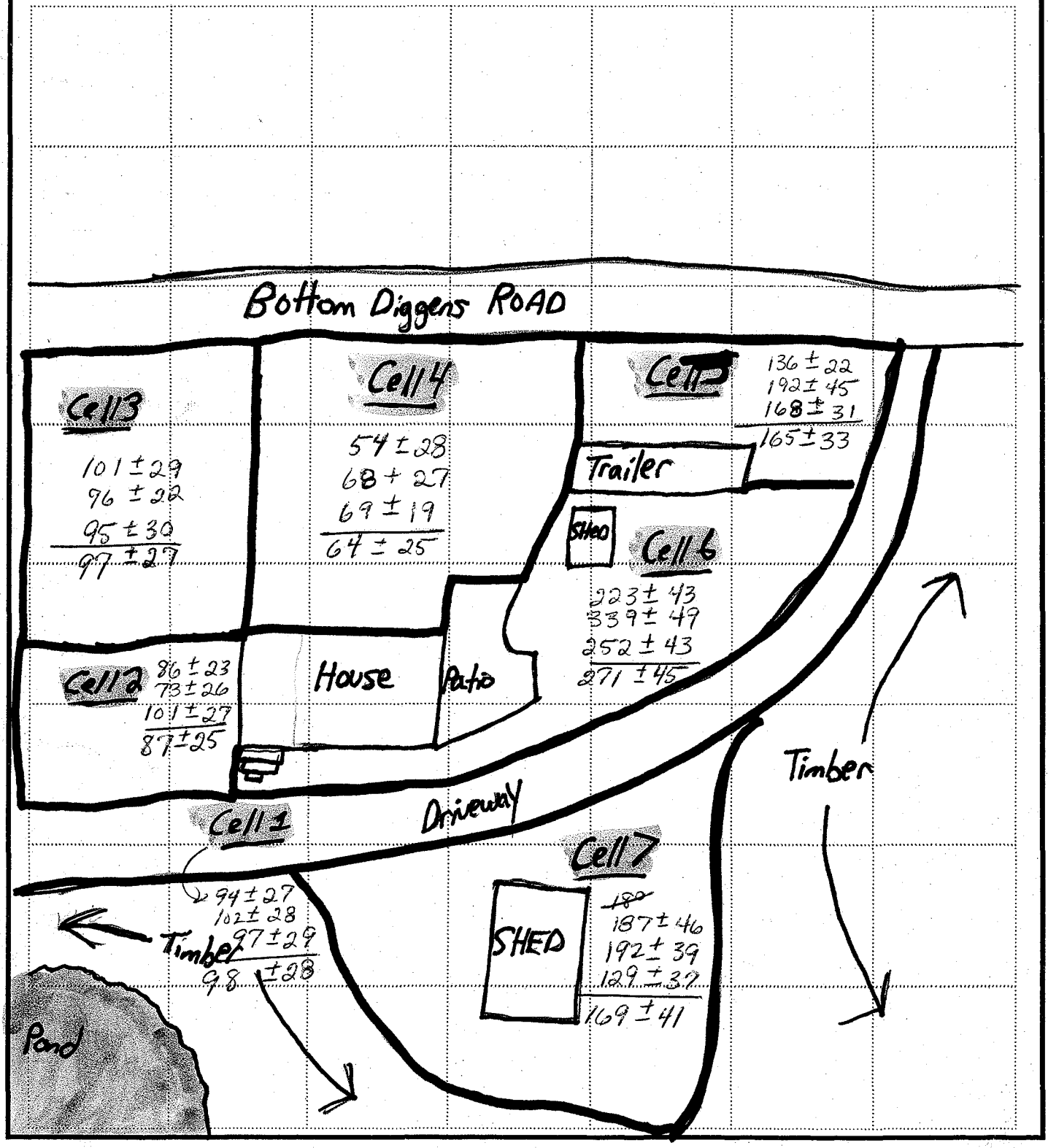
2 wells 4 Homes (Trailers)

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): _____
EPA Site # 20538 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:	_____	_____
creening Results:	#58	CM 12-12-05
Post-Removal:	_____	_____



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

1st house on Bolton Diggins Rd on the Right

GPS Coordinates:	Latitude 38.011035	Longitude -90.7132167

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2

Number of children less than 6 years old using well NO

Depth of well (if known) 100

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

12-7-05 NO water sample taken as outside spigot was frozen and nobody was home. DNF.

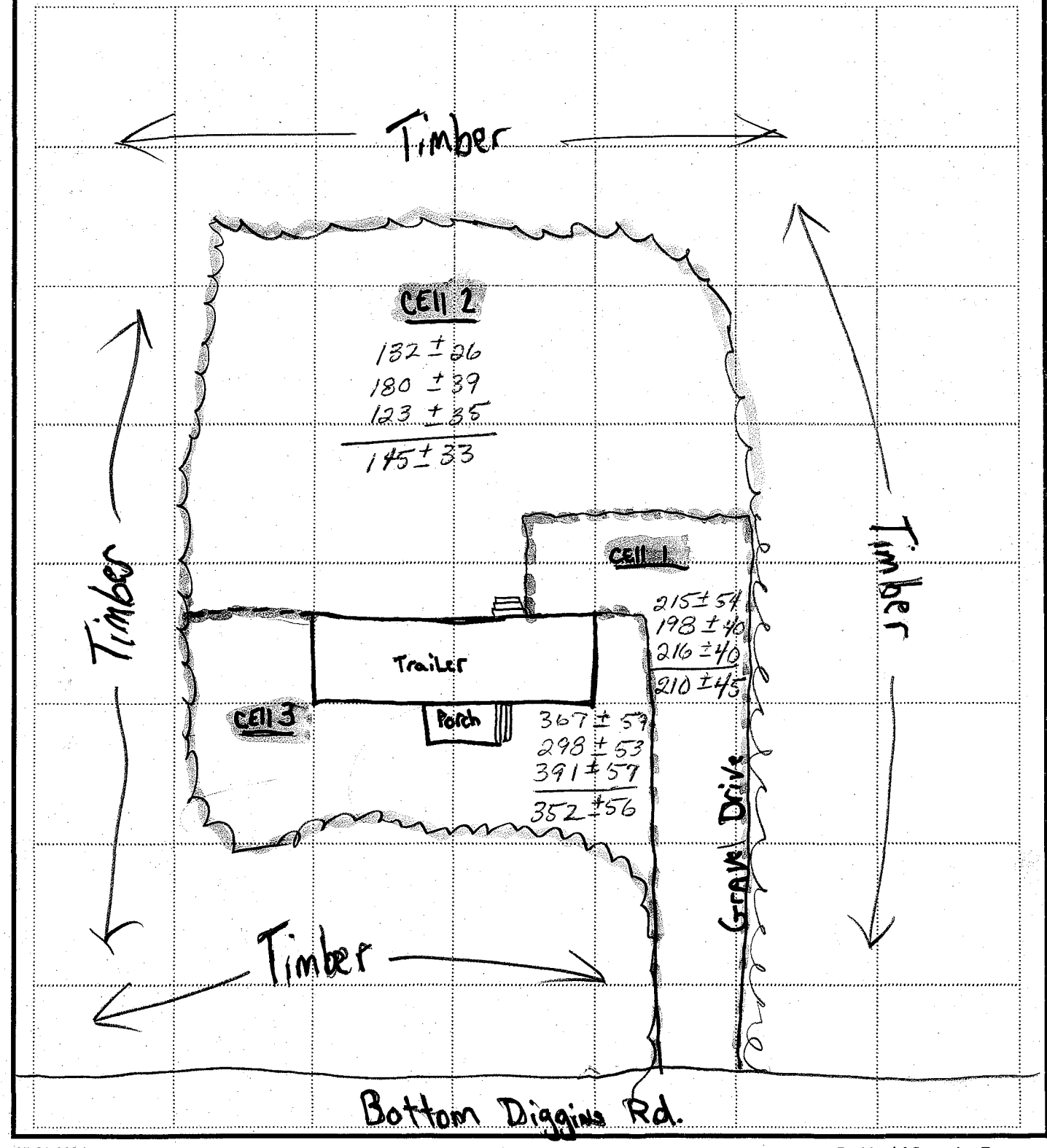
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): _____
EPA Site # 20539 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:	_____	_____
Screening Results:	#58	CM 12-12-05
Post-Removal:	_____	_____



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Traile Across From N Dispatch [redacted] Rd - [redacted] Gray with light gray Trim

GPS Coordinates:	Latitude 38.06728	Longitude -90.716276

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3 23 23 20

Number of children less than 6 years old using well NO

Depth of well (if known) 180

Treatment system in use	Yes	Type *(filter, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

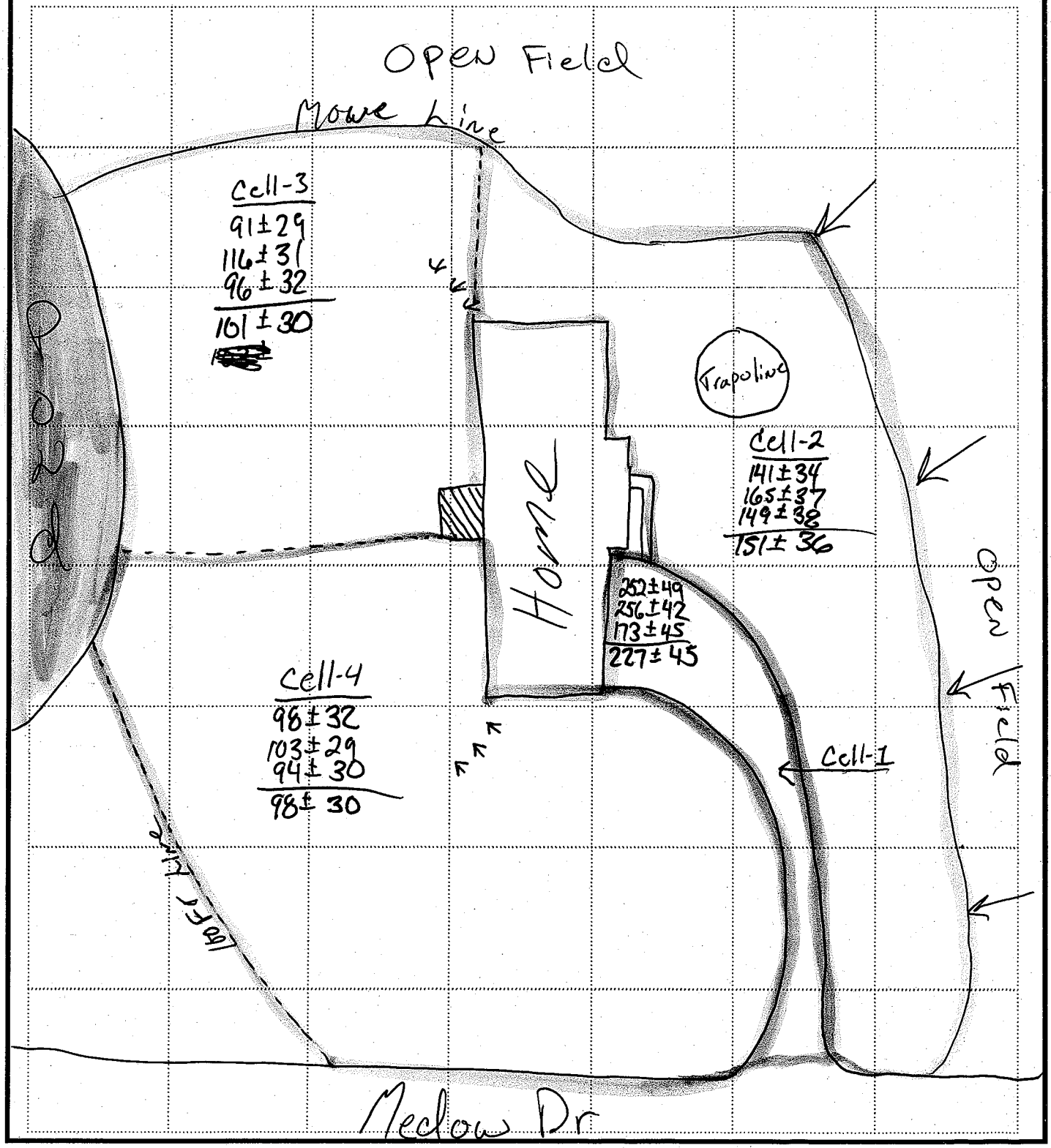
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20540 **Study Area #** 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

White siding + gray Brick Bottom Trampoline in Front yard

GPS Coordinates:	Latitude 38.00191	Longitude -90.71662

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 4/5 4/7

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

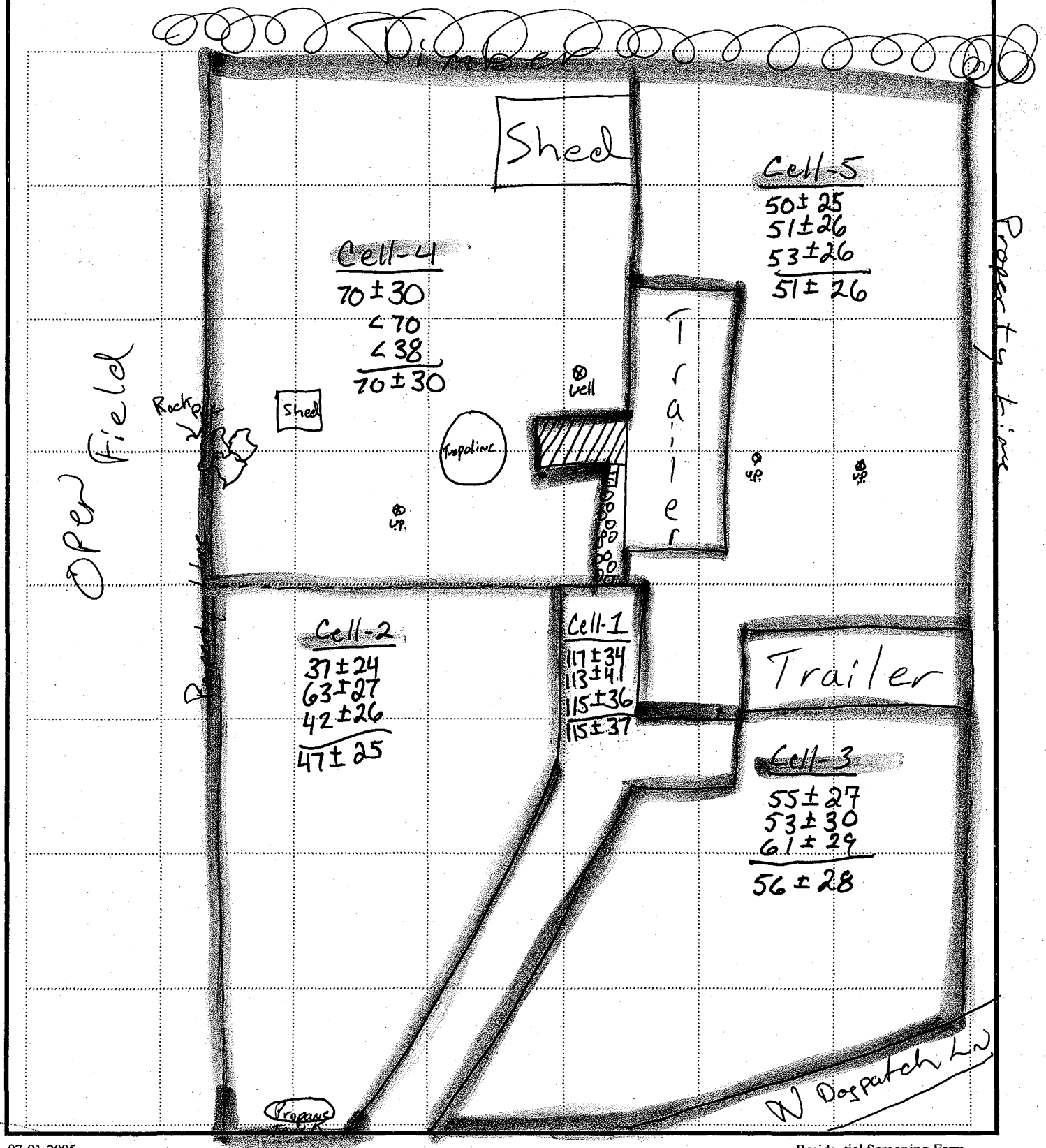
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20541 **Study Area #** 8

Date(s): 12-15-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Tan trailer with brown trim

GPS Coordinates:	Latitude 38.01979	Longitude -90.715367

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3 67 43 6

Number of children less than 6 years old using well 1

Depth of well (if known) 140

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

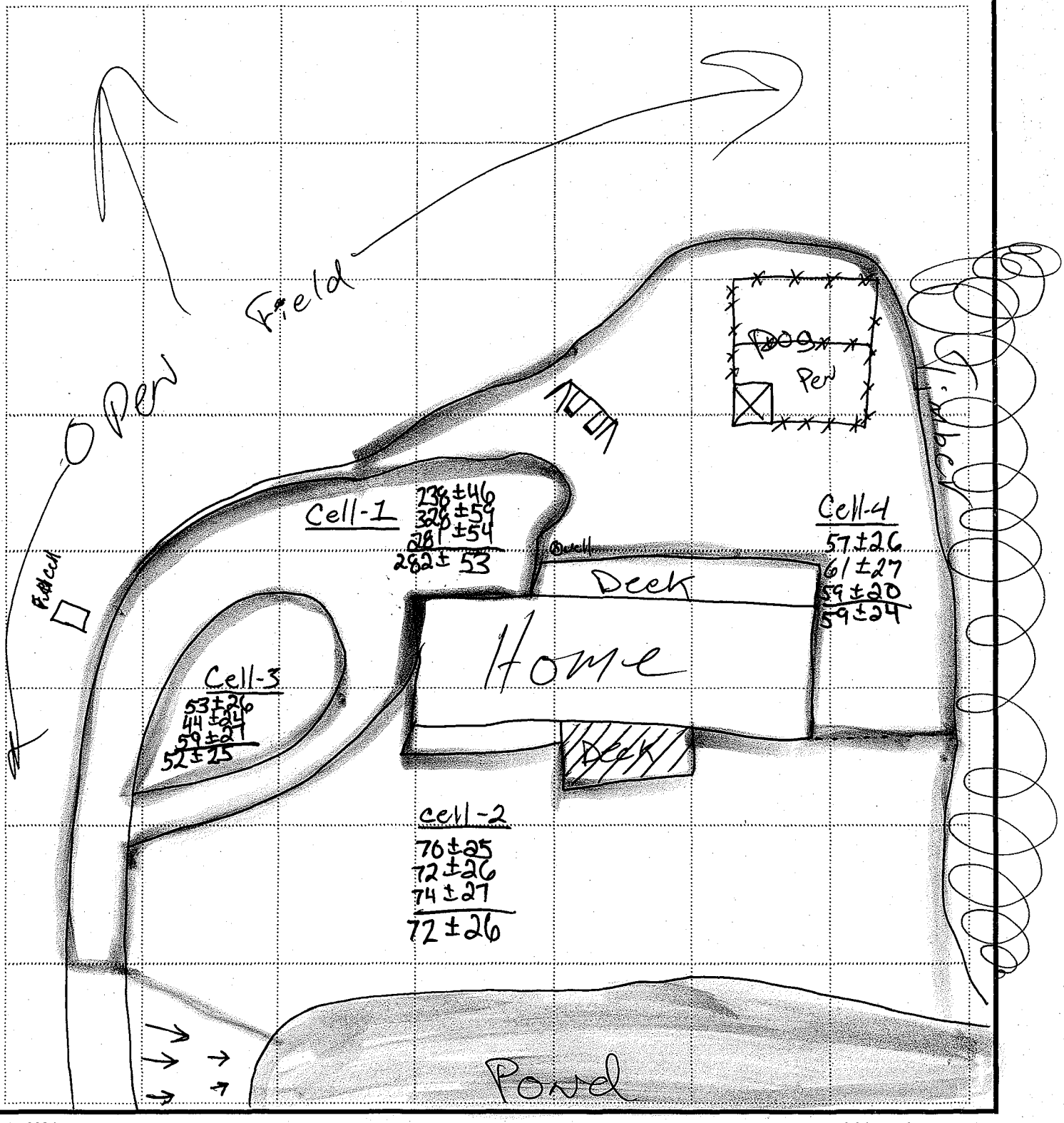
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20542 Study Area # 8

Date(s): 12-15-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted]

Physical Description of House or Property *(include estimate of acreage, if possible)*
Tan Trailer with Cedar deck + Car port with 2 other Trailers 2 Mail Box

GPS Coordinates:	Latitude 37.00660	Longitude -90.697131

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 9 (2-7-8-1-5-36-28-50-55)

Number of children less than 6 years old using well 3

Depth of well (if known) NO 125

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

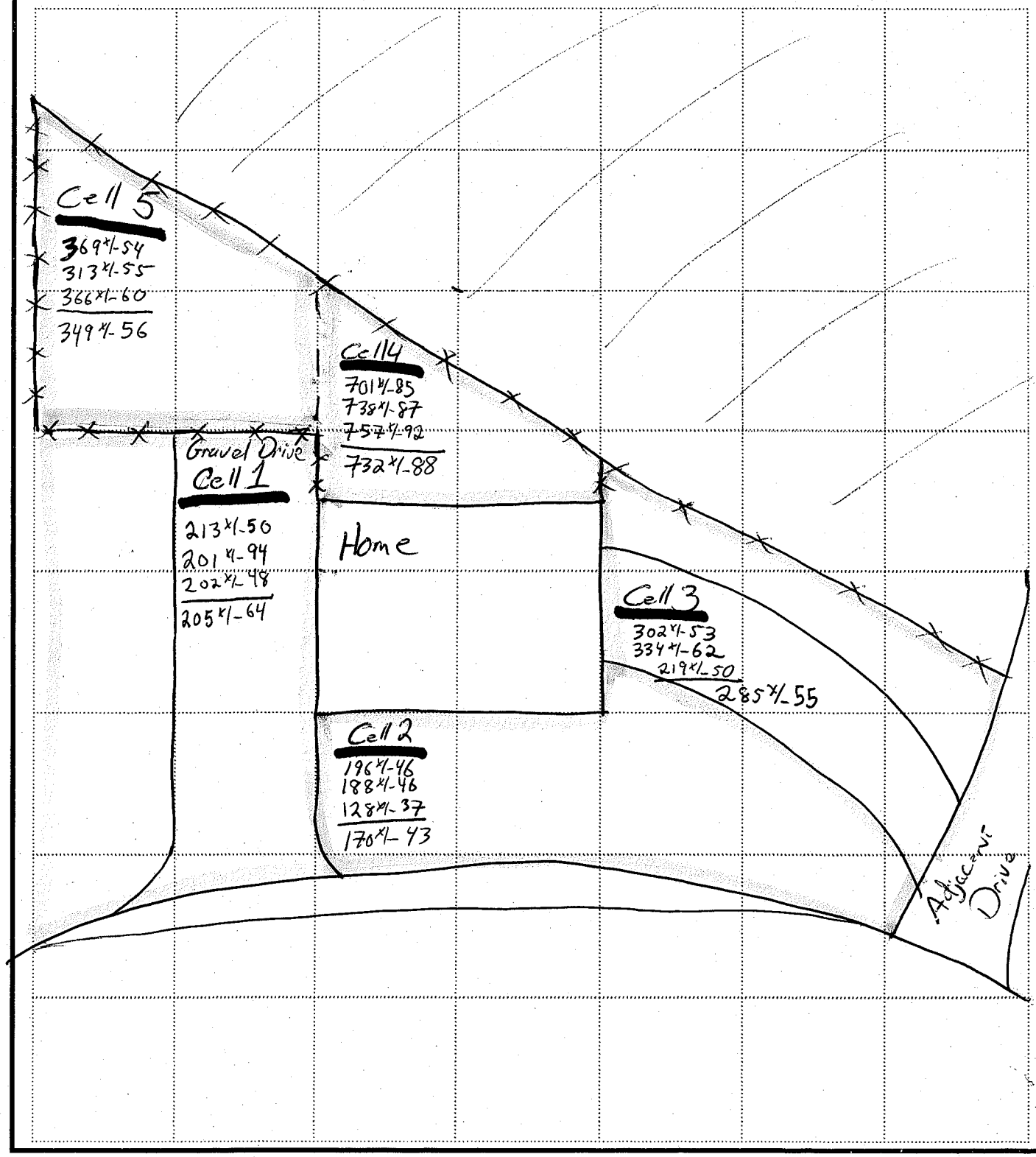
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20543 Study Area # 8

Date(s): 12-5-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

light Blue cinder Block Home

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (40-45)

Number of children less than 6 years old using well 0

Depth of well (if known) 150

Treatment system in use No | Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

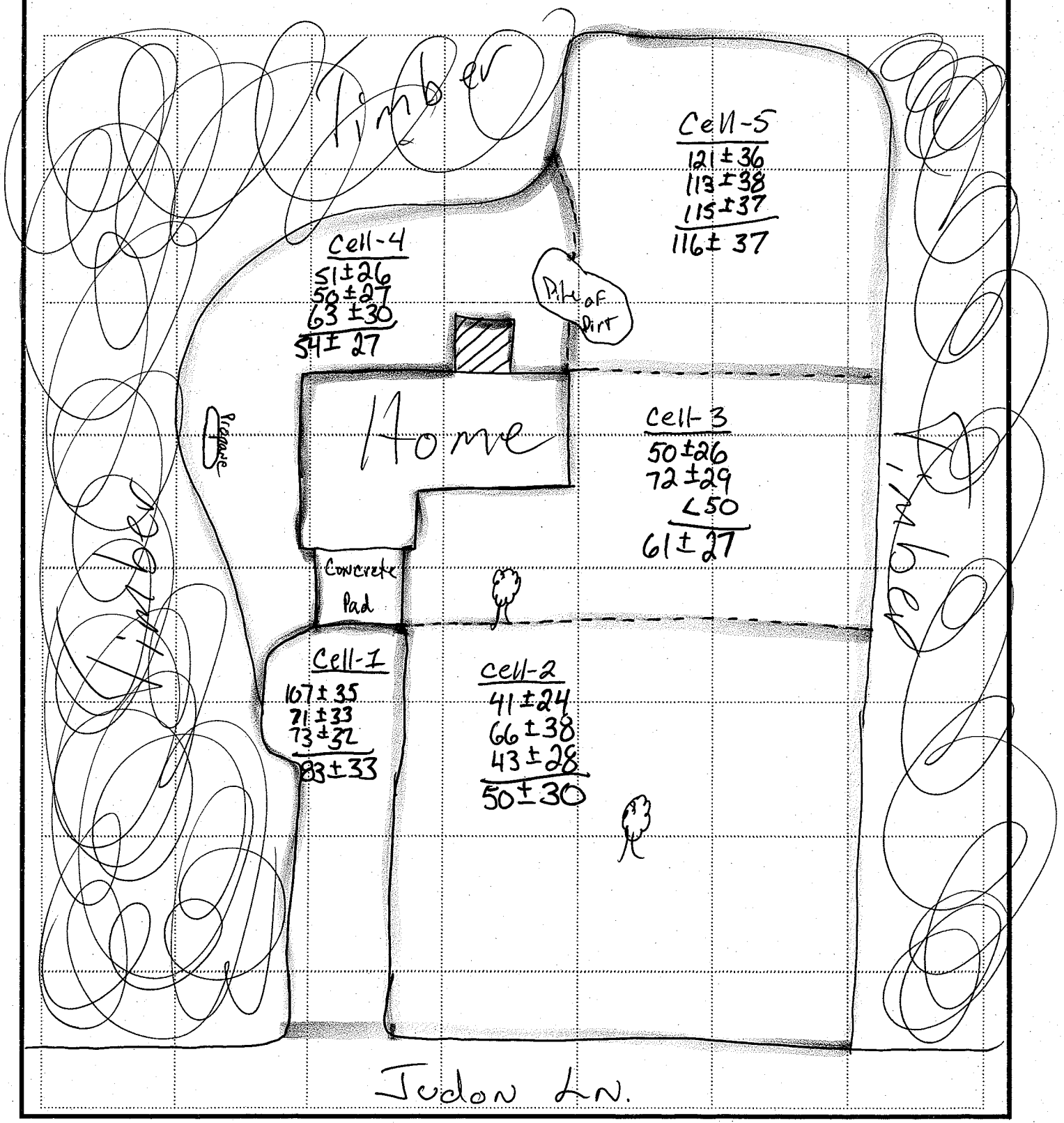
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20544 **Study Area #** 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

1st home on Junon LN on the left Tan home new no Grass in yard

GPS Coordinates:	Latitude 38.006688	Longitude -90.730335

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3 (27 23 4mo)

Number of children less than 6 years old using well 1

Depth of well (if known) 140

Treatment system in use Yes Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

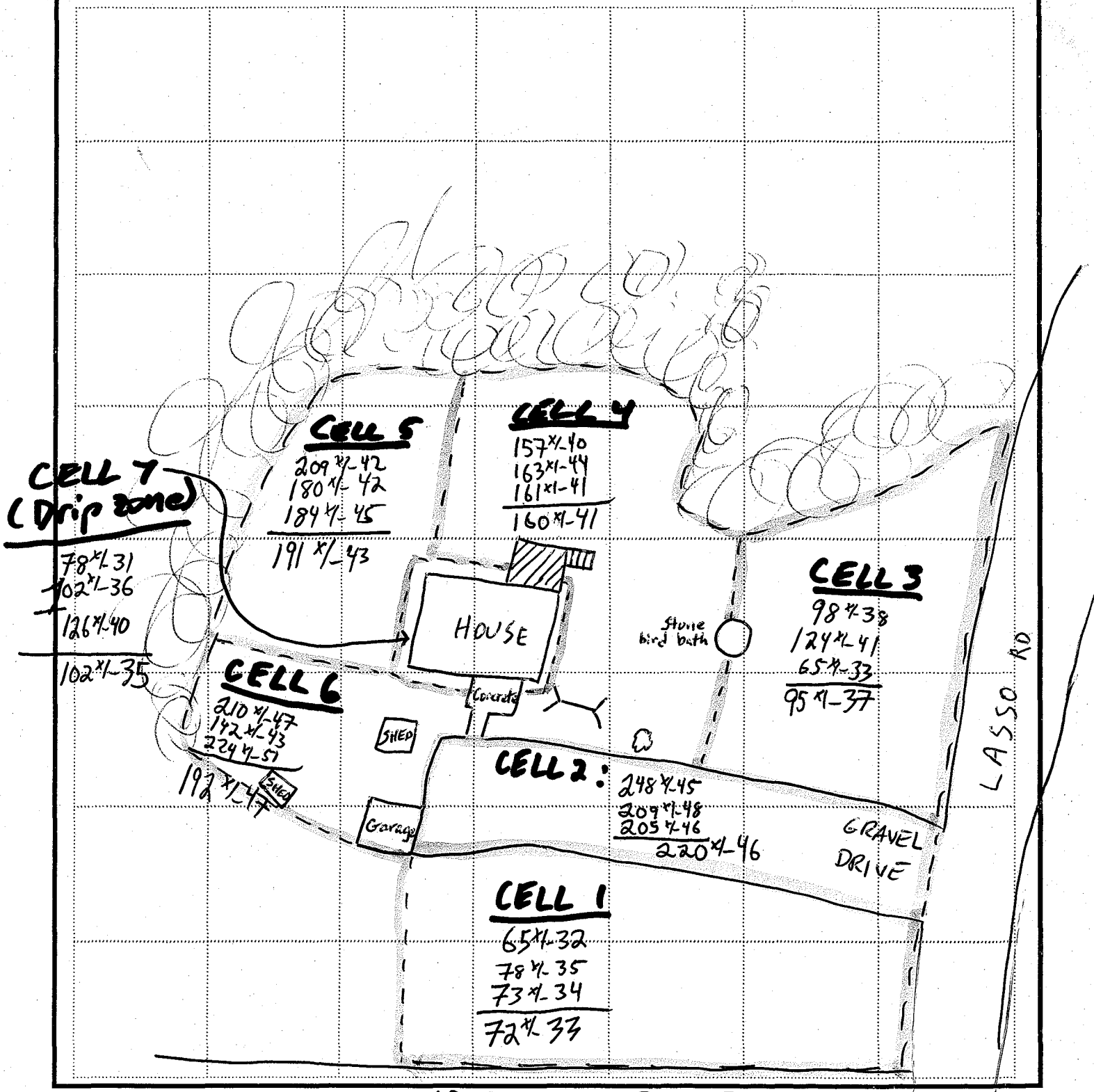
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20545 **Study Area #** 8

Date(s): 12-2-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMS
Post-Removal:		



Landlord Contact Information

[redacted]

Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Light Blew Home With a trailer on same property
diffrent well need to sampel all

GPS Coordinates:	Latitude 37.99411	Longitude -90.68130

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3 (46-49-20

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

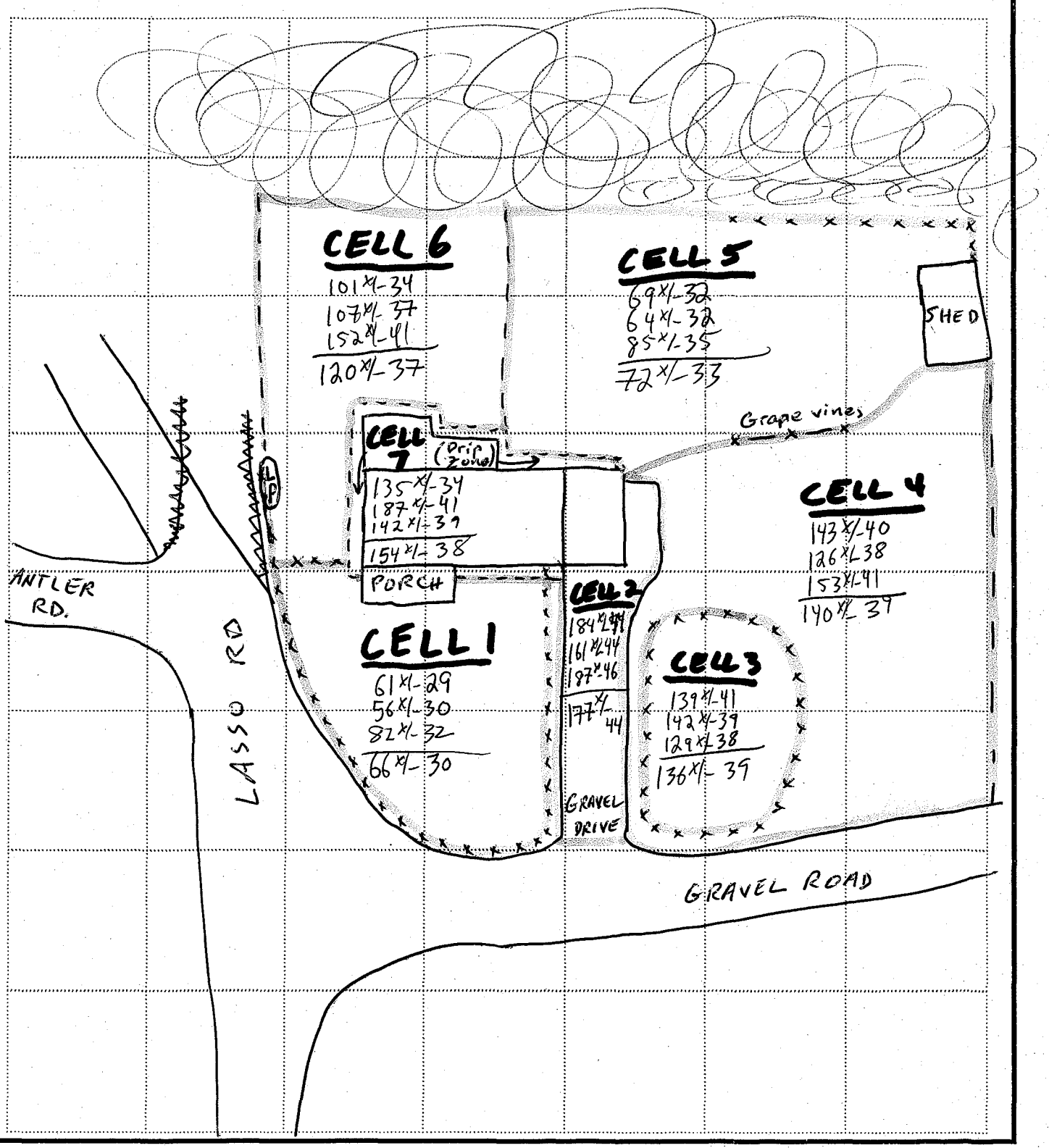
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20546 **Study Area #** 8

Date(s): 12-2-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6 12.3.05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: ~~[illegible]~~

City: ~~[illegible]~~ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

2nd House on the Right

GPS Coordinates:	Latitude 37.994471	Longitude -90.68133

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (53 55)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

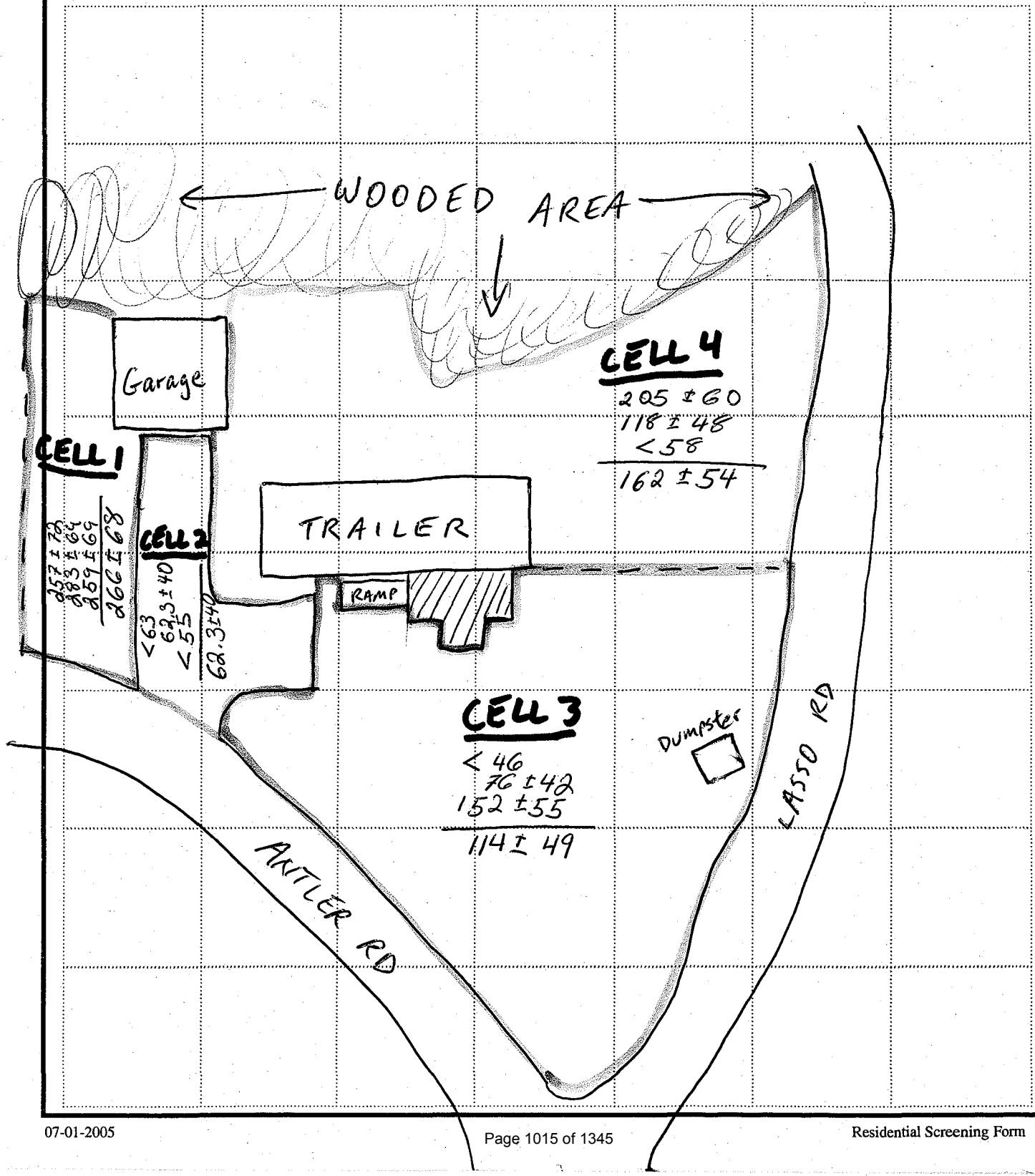
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20547 Study Area # 8

[redacted]

Date(s): 12-2-05

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	61	DB
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Gray Fake wood siding with white trailer with wood deck

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (57 59)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

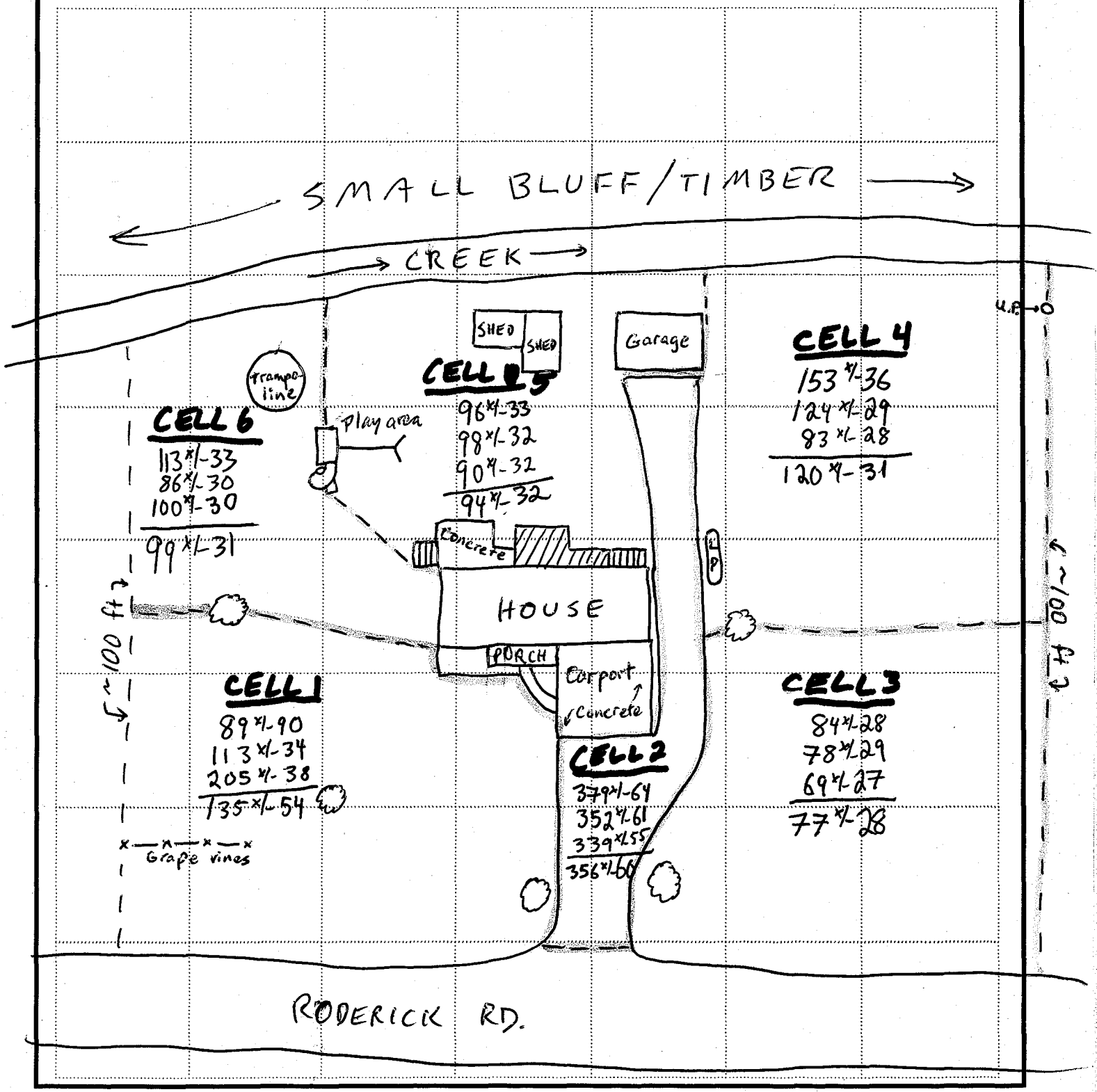
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20548 Study Area # 8

Date(s): 12-2-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6
Post-Removal:		



Landlord Contact Information

Telephone No.:_____ Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

White siding with Fake stone + a car port

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 1

Number of children less than 6 years old using well 0

Depth of well (if known) 60

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

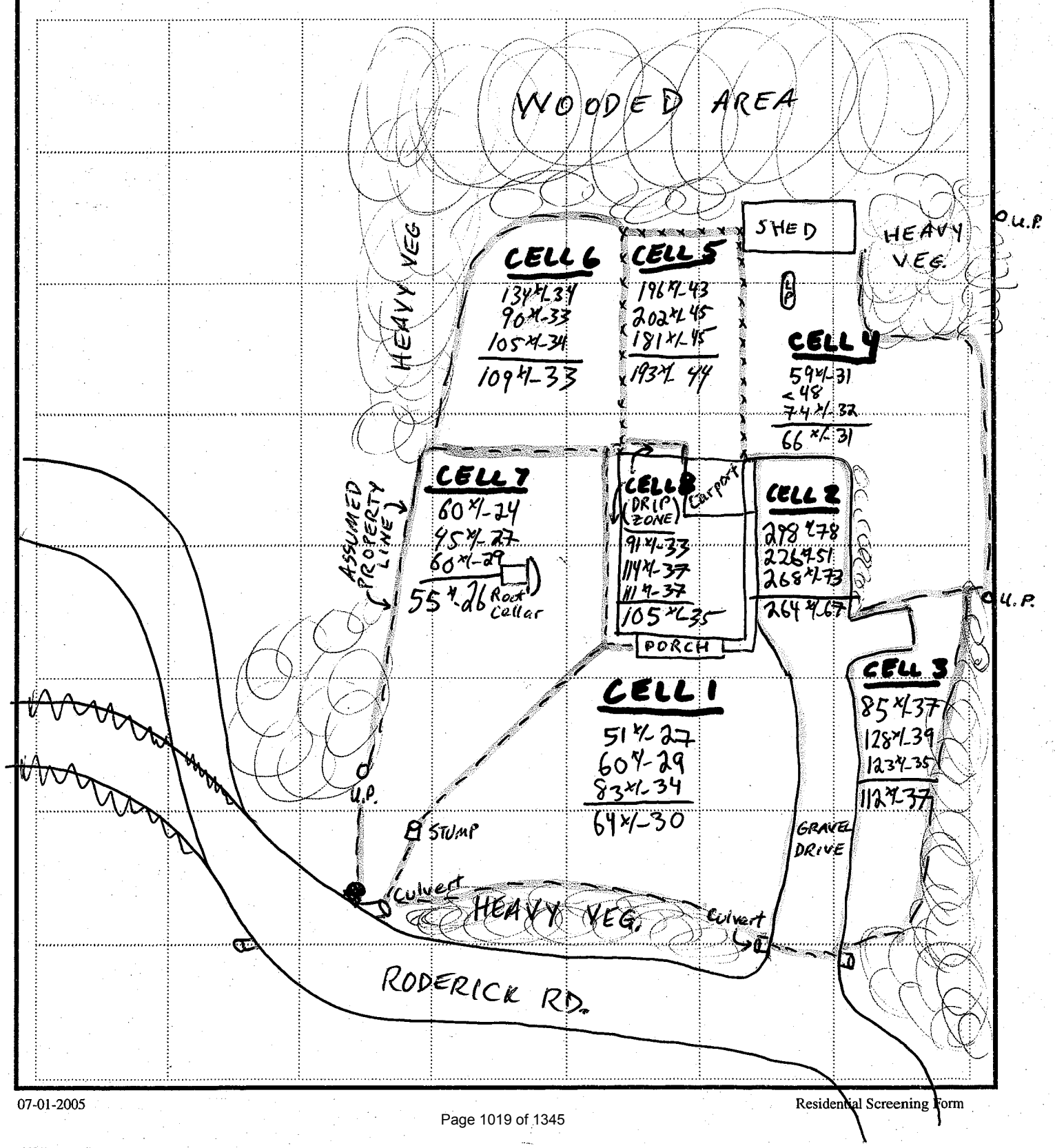
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20549 Study Area # 8

Date(s): 12-2-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMS
Post-Removal:		



Landlord Contact Information

Telephone No.:_____ Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Yellow home Green roof

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (75-49)

Number of children less than 6 years old using well 0

Depth of well (if known) 65

Treatment system in use		Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

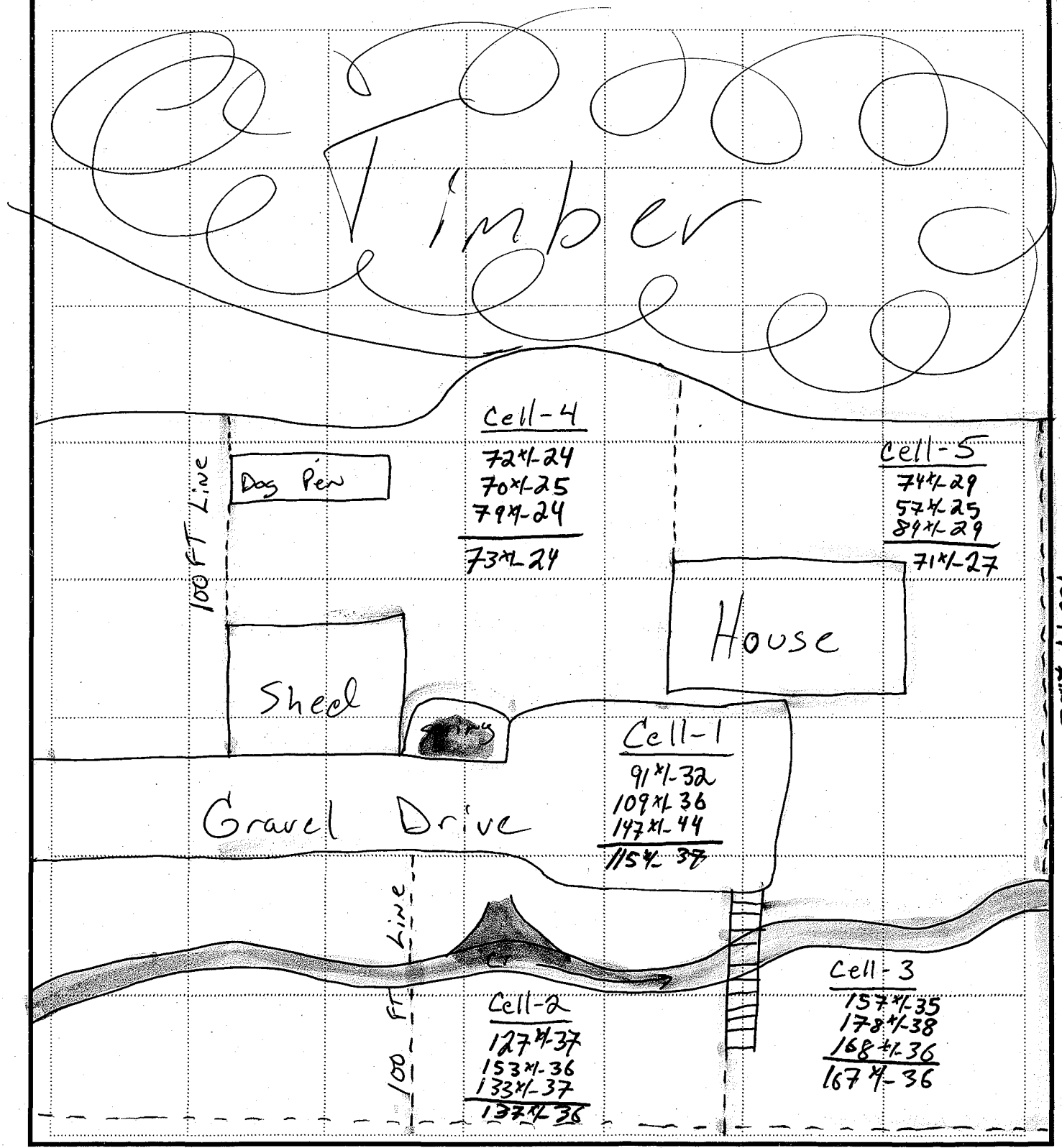
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20550 Study Area # 8

Date(s): 12-3-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMG
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

~~Farm Station~~ Home Right hand side with Brown Carport Wood paneling with add on

GPS Coordinates:	Latitude	Longitude	
Does this property have a private drinking water well?	(Yes)	No	Unknown
If yes, total number of residents served by well	5 (42-41-10-10-13		
Number of children less than 6 years old using well	0		
Depth of well (if known)	NO		
Treatment system in use	NO	Type *(filer, softener, etc.)*	
Groundwater Sampling Locations			

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

Owner complained of discharge from nearby chemical facility contaminating creek on property - asked Tetra Tech of laboratory that could analyze samples from creek during next "release" - Tetra Tech told homeowner to contact MDNR and take pictures during next "release" - lab info provided to homeowner follows: Severn Trent Lab
13715 Ryder Trail North
Earth City, MO 63045
(314) 298-8560

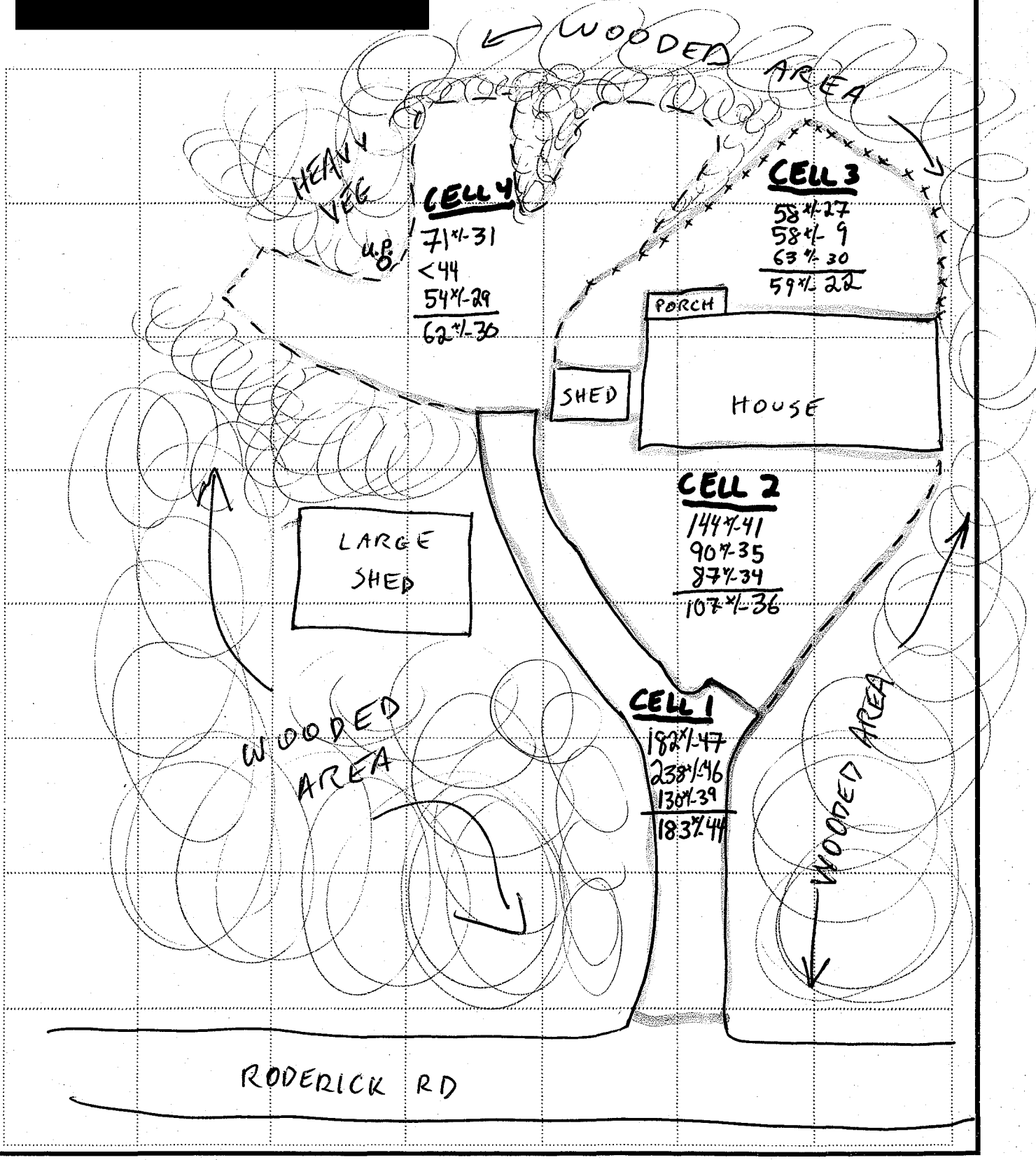
ANALYSES
Pesticides (~$90/sample)
Herbicides (~$120/sample)
VOCs (~$95/sample)

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20552 **Study Area #** 8

Date(s): 12-2-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMB 12-6-05
Post-Removal:		



Landlord Contact Information

Telephone No.:_____ Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Earth Home Tin shed off to the Left lot of wood Piles

GPS Coordinates:	Latitude 37.99856	Longitude -90.67936

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 1

Number of children less than 6 years old using well 0

Depth of well (if known) 115

Treatment system in use	0	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

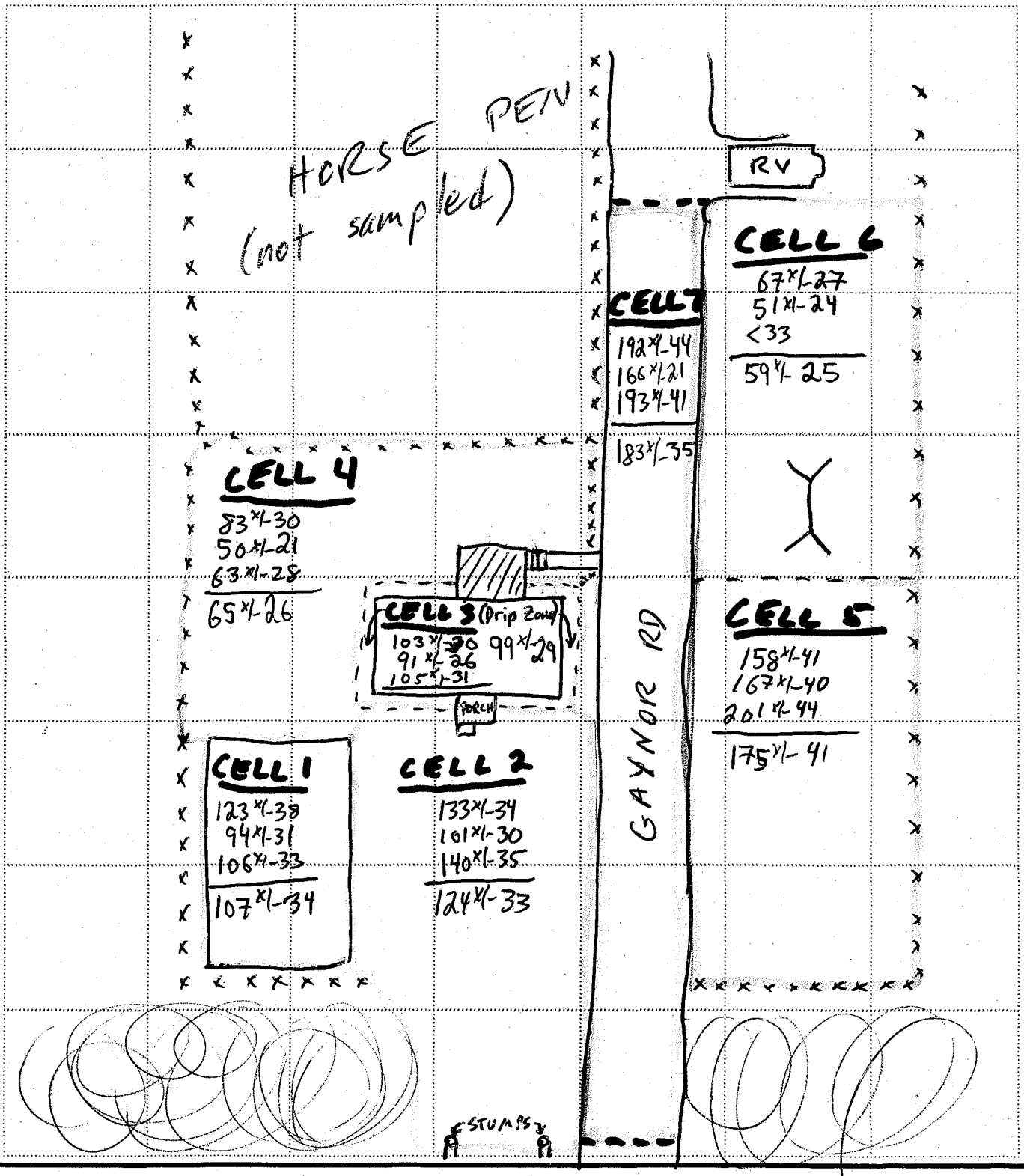
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20553 **Study Area #** 8

Date(s): 12-3-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6
Post-Removal:		



Landlord Contact Information

Telephone No.:	Name:
Address:	
City:	Zip:

Physical Description of House or Property *(include estimate of acreage, if possible)*

White siding with green trim 10064 is the House just past No one lives there she lives in 10045 But would like to have it done

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 7C66462323524mo)

Number of children less than 6 years old using well 3

Depth of well (if known) 110

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

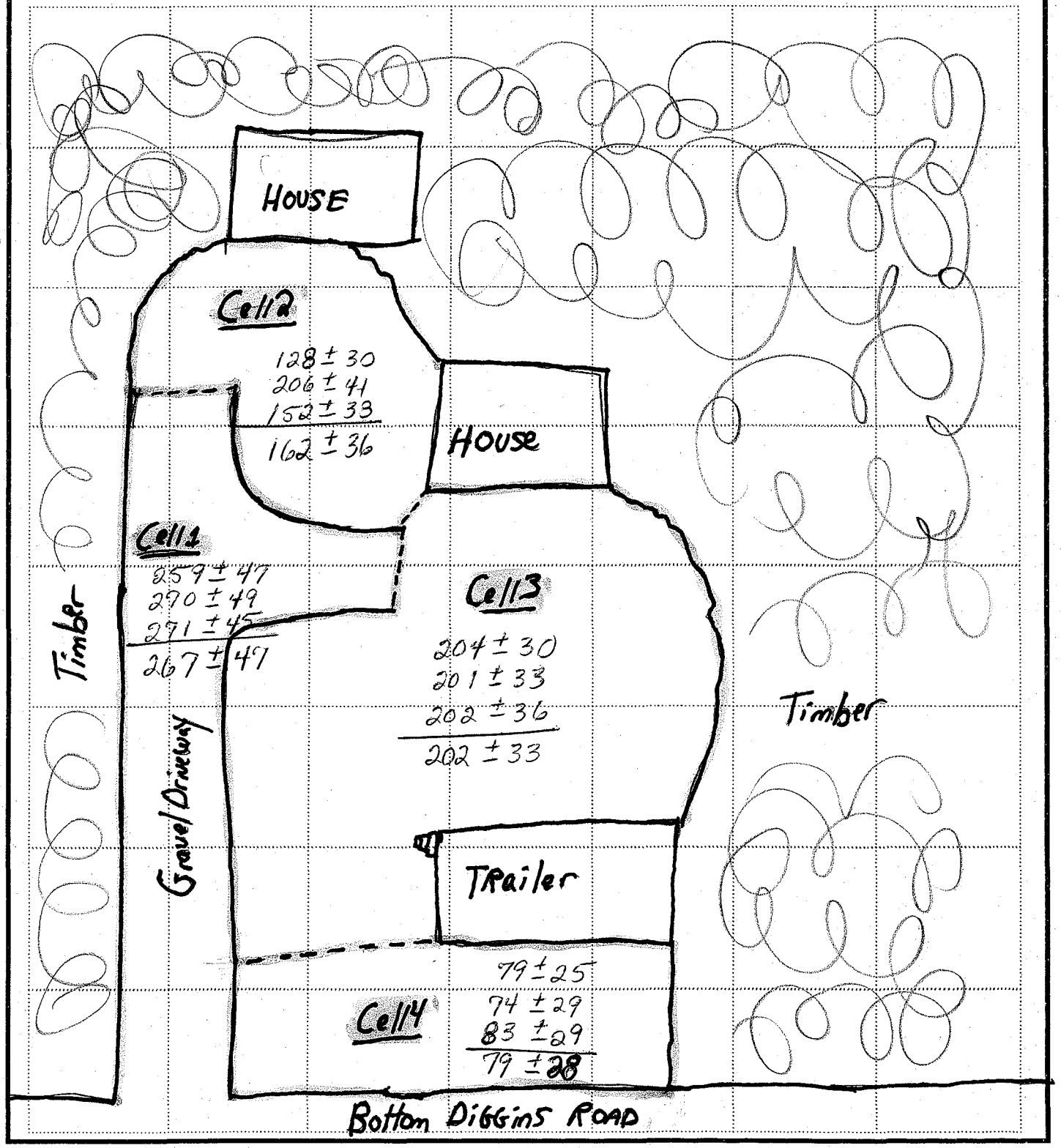
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): _____
EPA Site # 20555 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:	_____	_____
Screening Results:	#58	CM 12-12-05
Post-Removal:	_____	_____



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

1st Trailer on the left with 2 old Homes Behind it

GPS Coordinates:	Latitude 38.010155	Longitude -90.712783

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3 (19-45-48)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

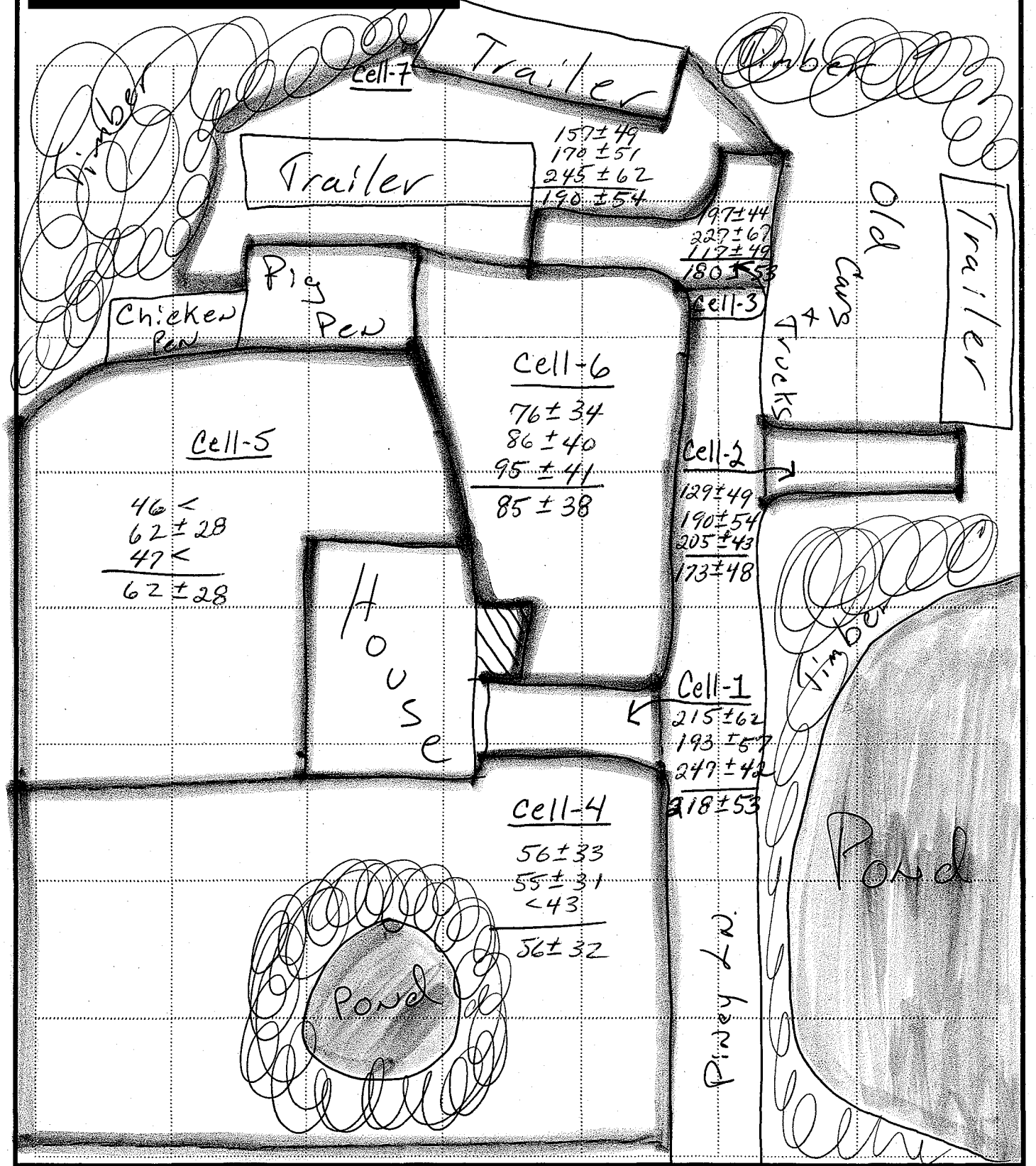
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20556 **Study Area # 8**

[redacted]

Date(s): 12-6-05
lab analysis 12-7-05

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#61	Case
Post-Removal:		



Landlord Contact Information

Telephone No.: N/A Name: _____

Address: [redacted] _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

1st House on Piney Rd on the left the owner owns all 3 Trailers would like it all done

GPS Coordinates:	Latitude 37,988067	Longitude -90,682808

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 11 (48-45-11-45-44-23-26-1-6-7)

Number of children less than 6 years old using well 2

Depth of well (if known) 100

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

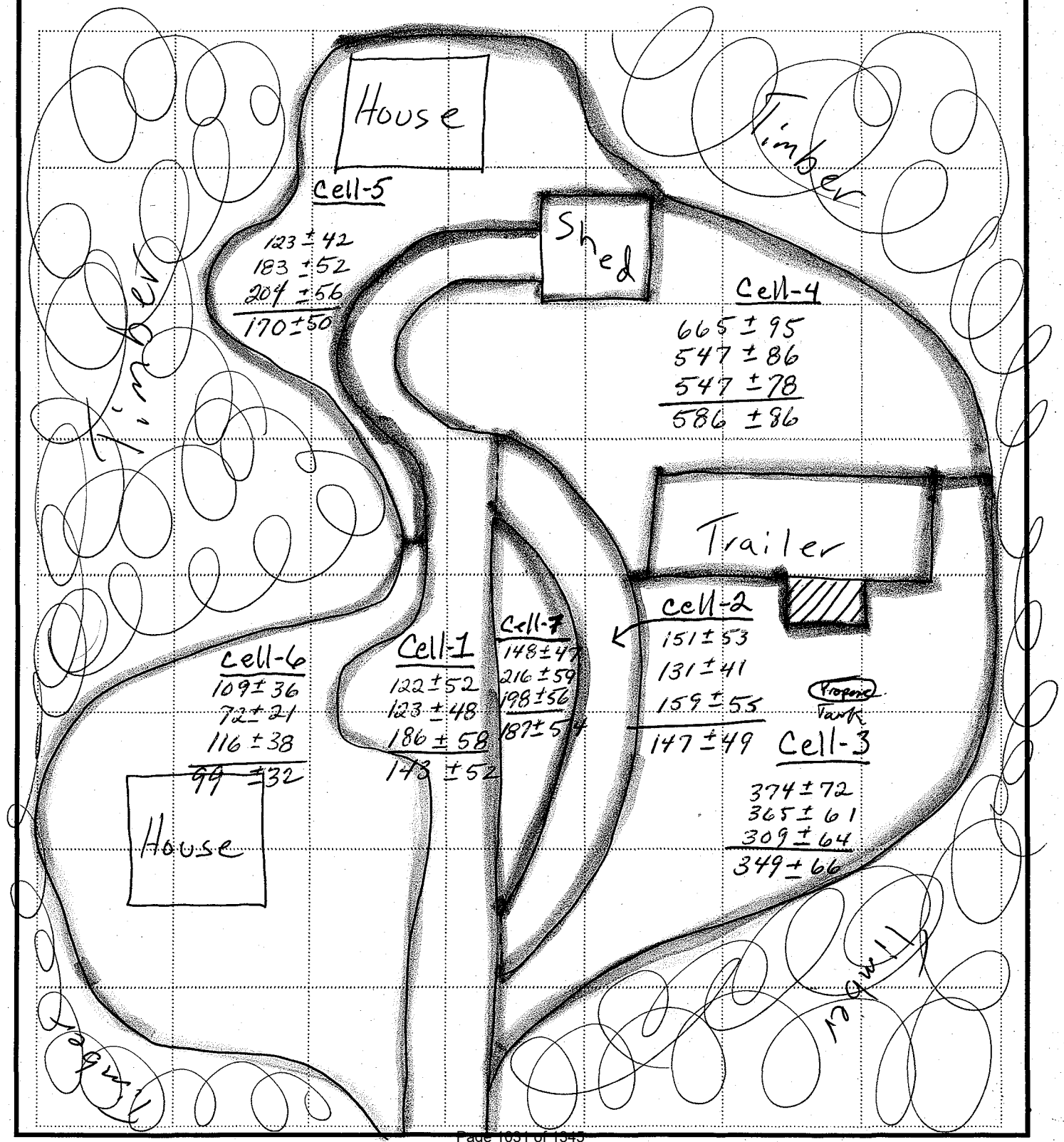
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20557 **Study Area #** 8

Date(s): 12-06-05
lab analysis 12-7-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#61	em
Post-Removal:		



Landlord Contact Information

Telephone No.:_____ Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

2 Houses 1 Trailer allon Cougar Rd do all. 2 Hoosesare White + Trailer is Tan + Light Brown trim

GPS Coordinates:	Latitude 37.98962	Longitude -90.623238

Does this property have a private drinking water well? ~~Yes~~ No Unknown

If yes, total number of residents served by well 3C 72-63-39-12-37

Number of children less than 6 years old using well 0

Depth of well (if known) 120

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

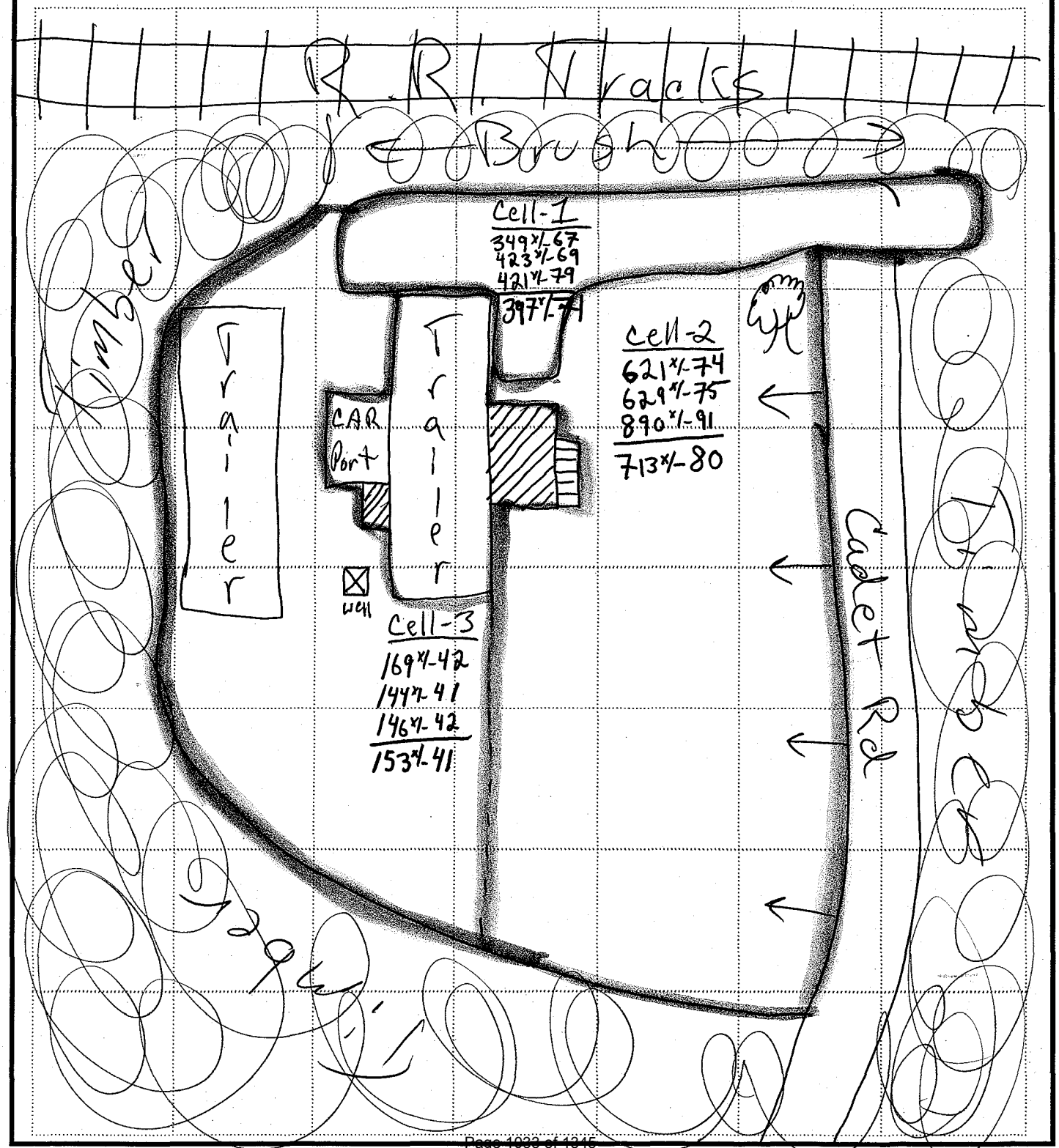
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20558 Study Area # 8

Date(s): 12-06-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6 12-7-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Last home on Cadet Rd

GPS Coordinates:	Latitude 37.99065	Longitude -90.68290167

Does this property have a private drinking water well? (Yes) No Unknown 2

If yes, total number of residents served by well 10 (3 in 20s 2 30s 2 7s 4 2mo)

Number of children less than 6 years old using well 2

Depth of well (if known) 360- 85-

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

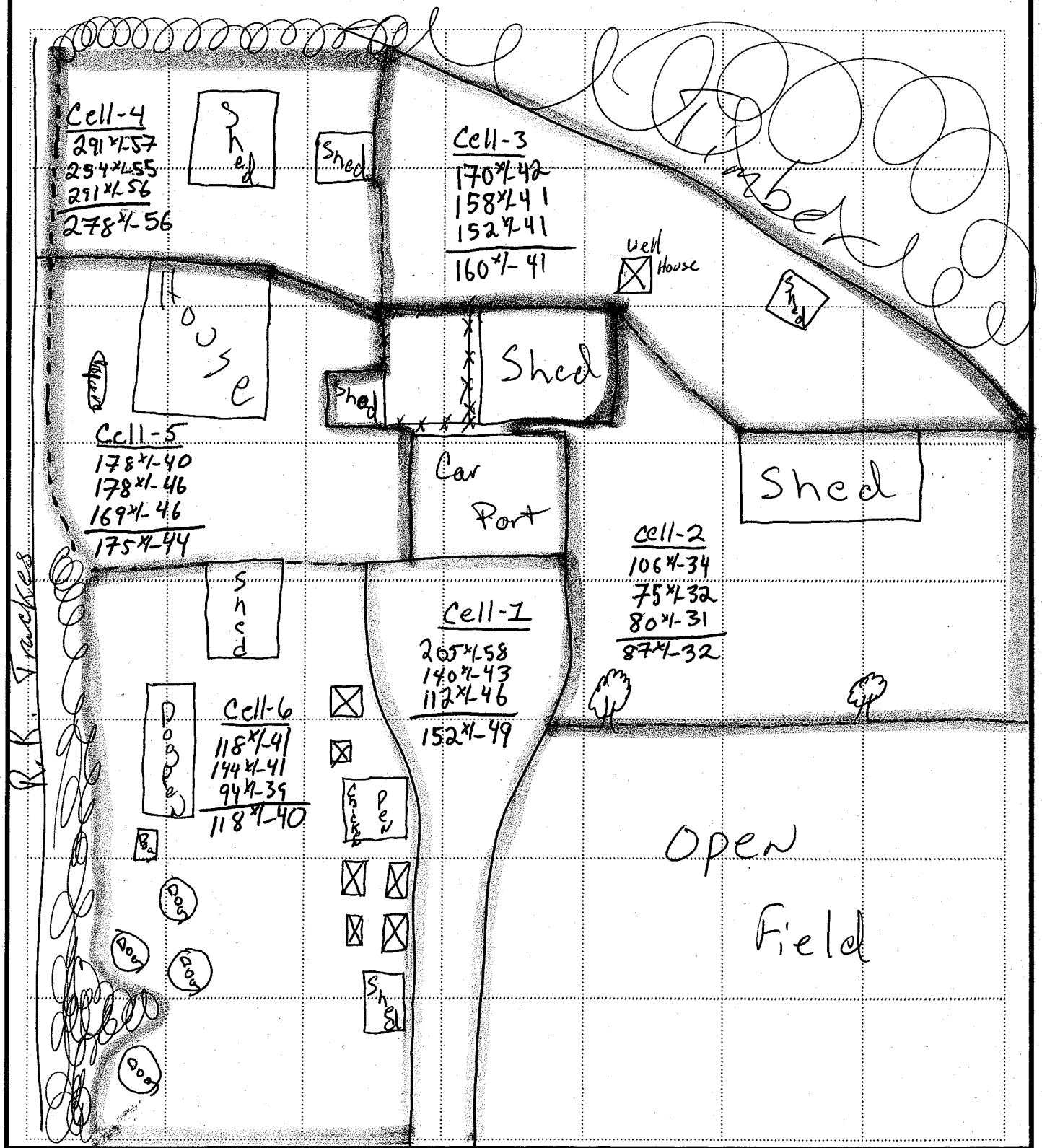
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20560 Study Area # 8

Date(s): 12-06-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6 12-7-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Gravel Road off To the Right across From 10367 only home on the Road

GPS Coordinates:	Latitude 37.992895	Longitude -90.6796067

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (41 - 79)

Number of children less than 6 years old using well 0

Depth of well (if known) 200

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

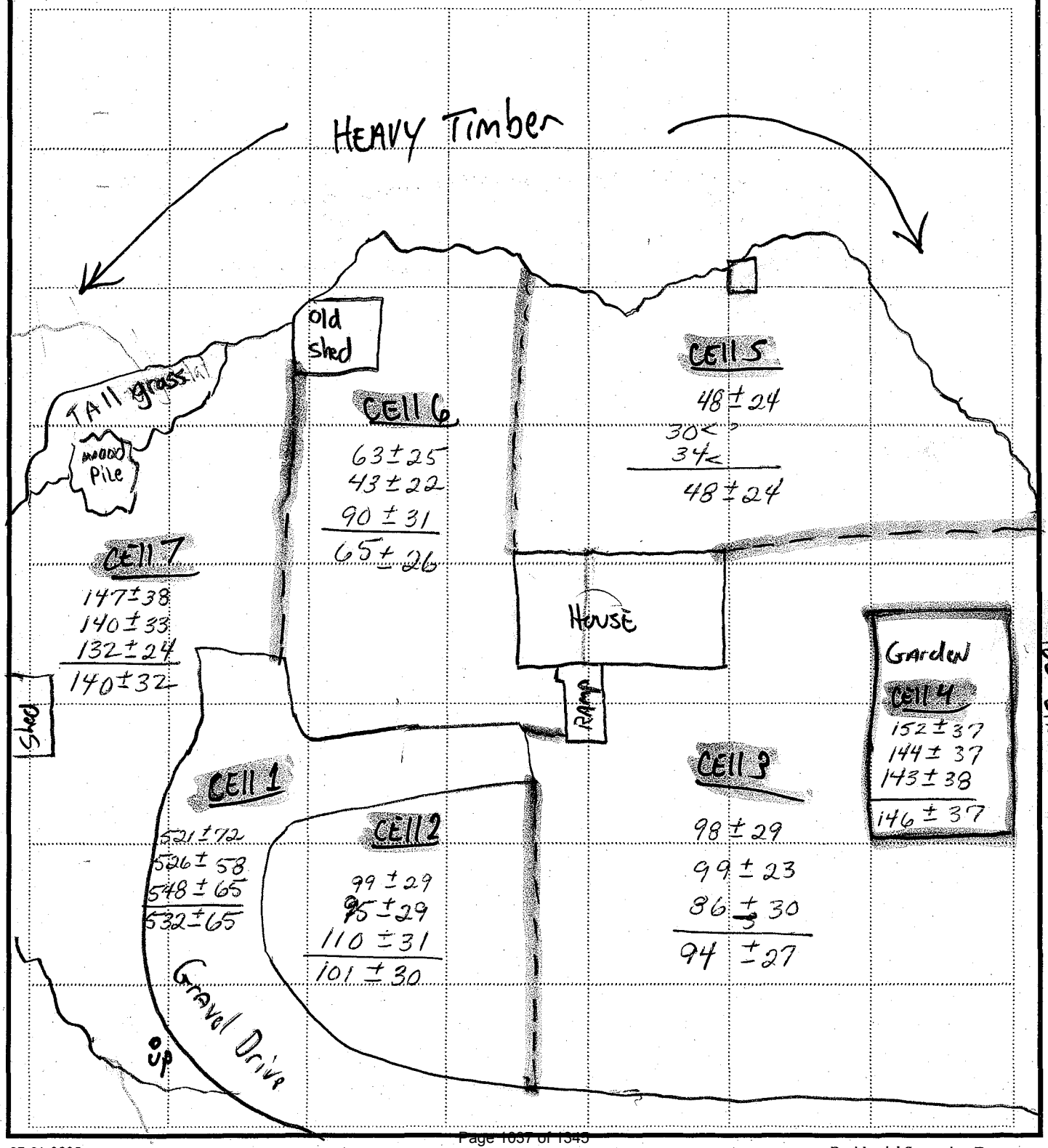
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): _____
EPA Site # 20561 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:	_____	_____
Screening Results:	#58	CM 12-12-05
Post-Removal:	_____	_____



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Gray + White sided Home

GPS Coordinates:	Latitude 38.015093	Longitude -90.713655

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (58-51)

Number of children less than 6 years old using well 0

Depth of well (if known) 85+

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

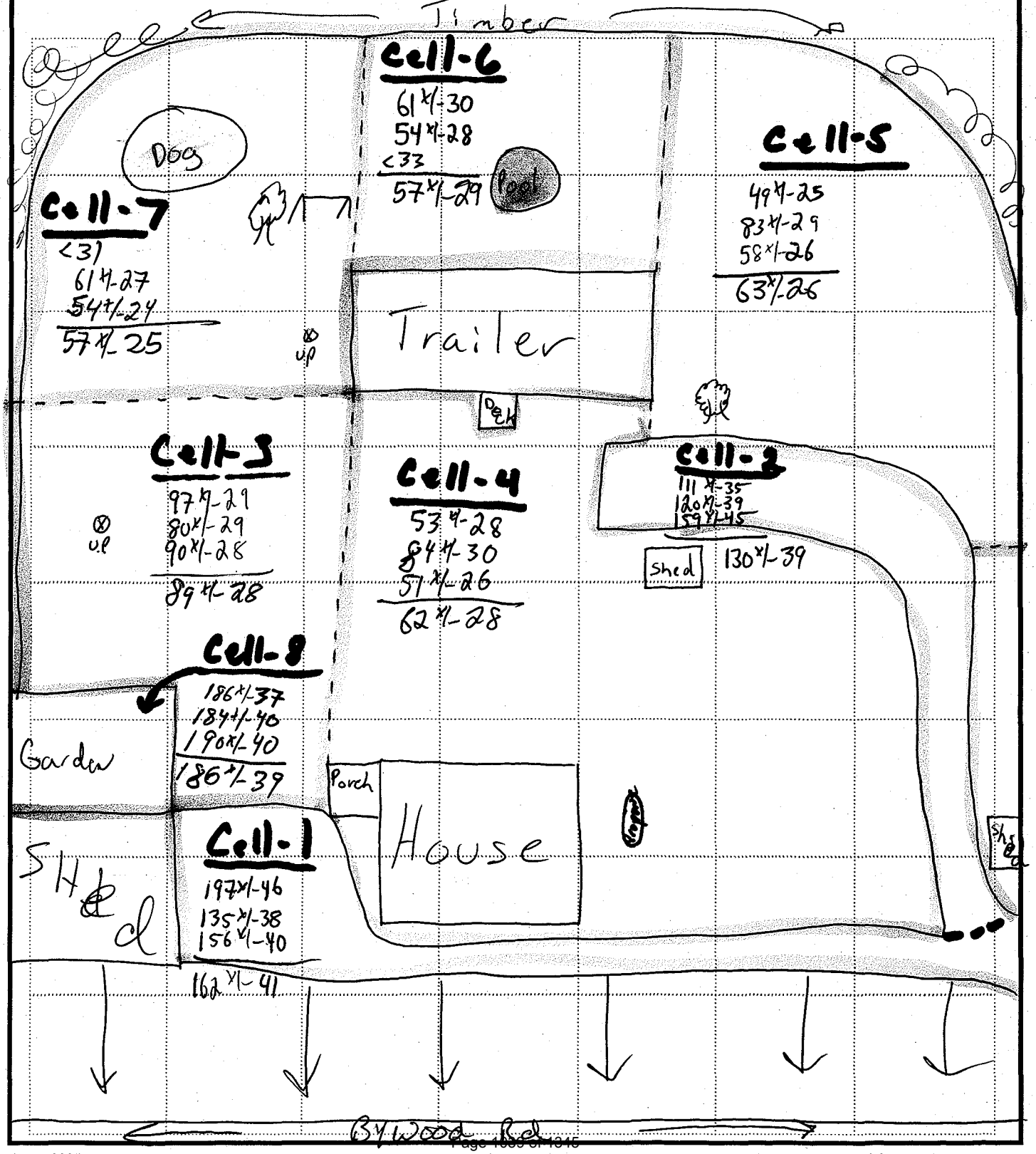
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20562 Study Area # 8

Date(s): 12-3-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMB
Post-Removal:		



Landlord Contact Information

[redacted]

Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
house is a Big white with metal roof - a little up on a hill.
and a offwhite trailer with green shingle roof

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 6 (youngest is 15)

Number of children less than 6 years old using well Ø

Depth of well (if known) ~20

Treatment system in use: NO Type *(filer, softener, etc.)* N/A

Groundwater Sampling Locations

2 spigots - one on each side of the house

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

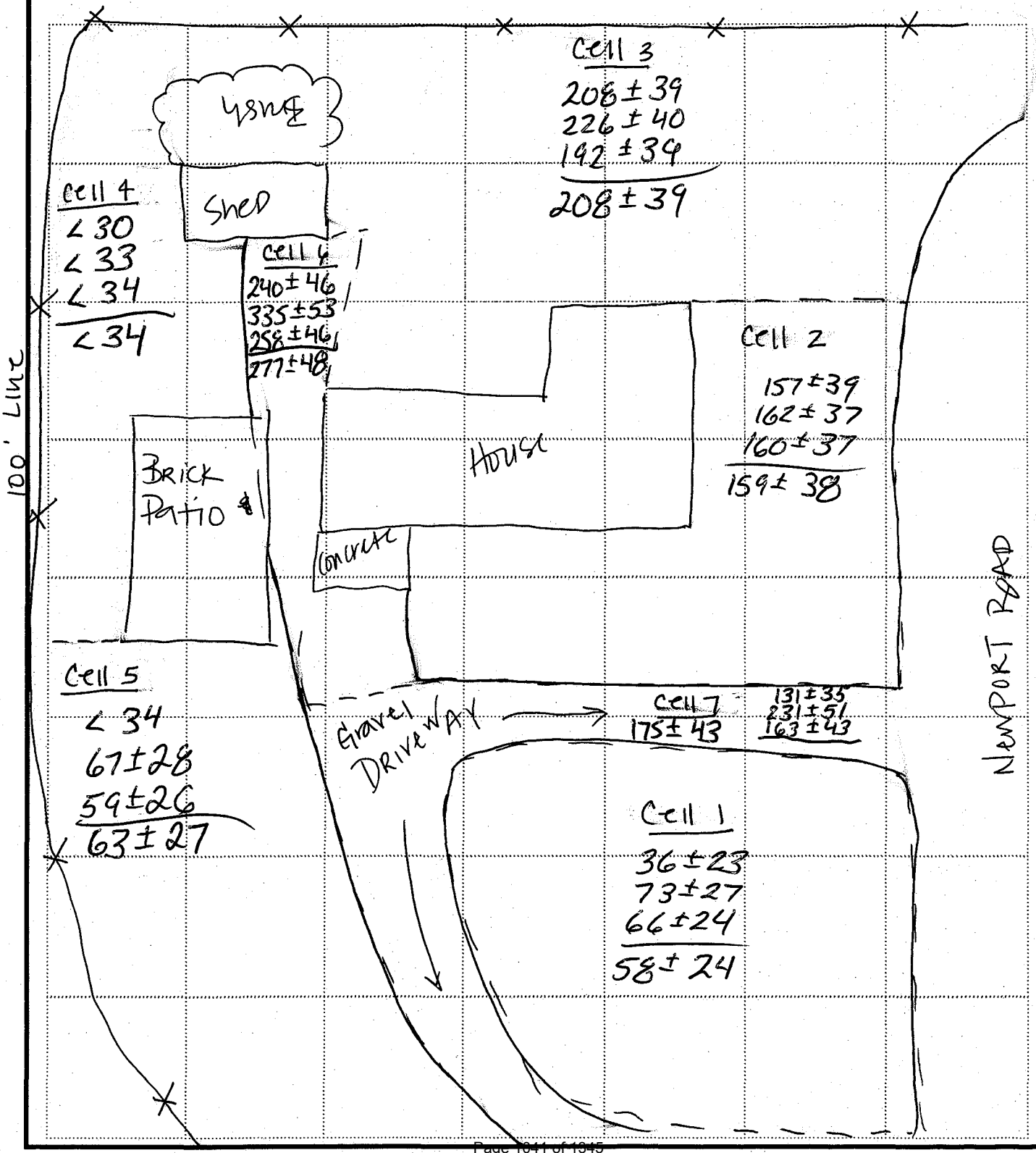
RSE of the Washington County Lead Distr
Residential Property Screening Form
EPA Site # 20563 Study Area # 8

[redacted]

[redacted]

Date(s): 11-15-05

	I.D.	Operator
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted]

Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

GPS Coordinates:	Latitude 37.9938	Longitude -90.727775

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3- (58-53-12-8-6-2)

Number of children less than 6 years old using well 2

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

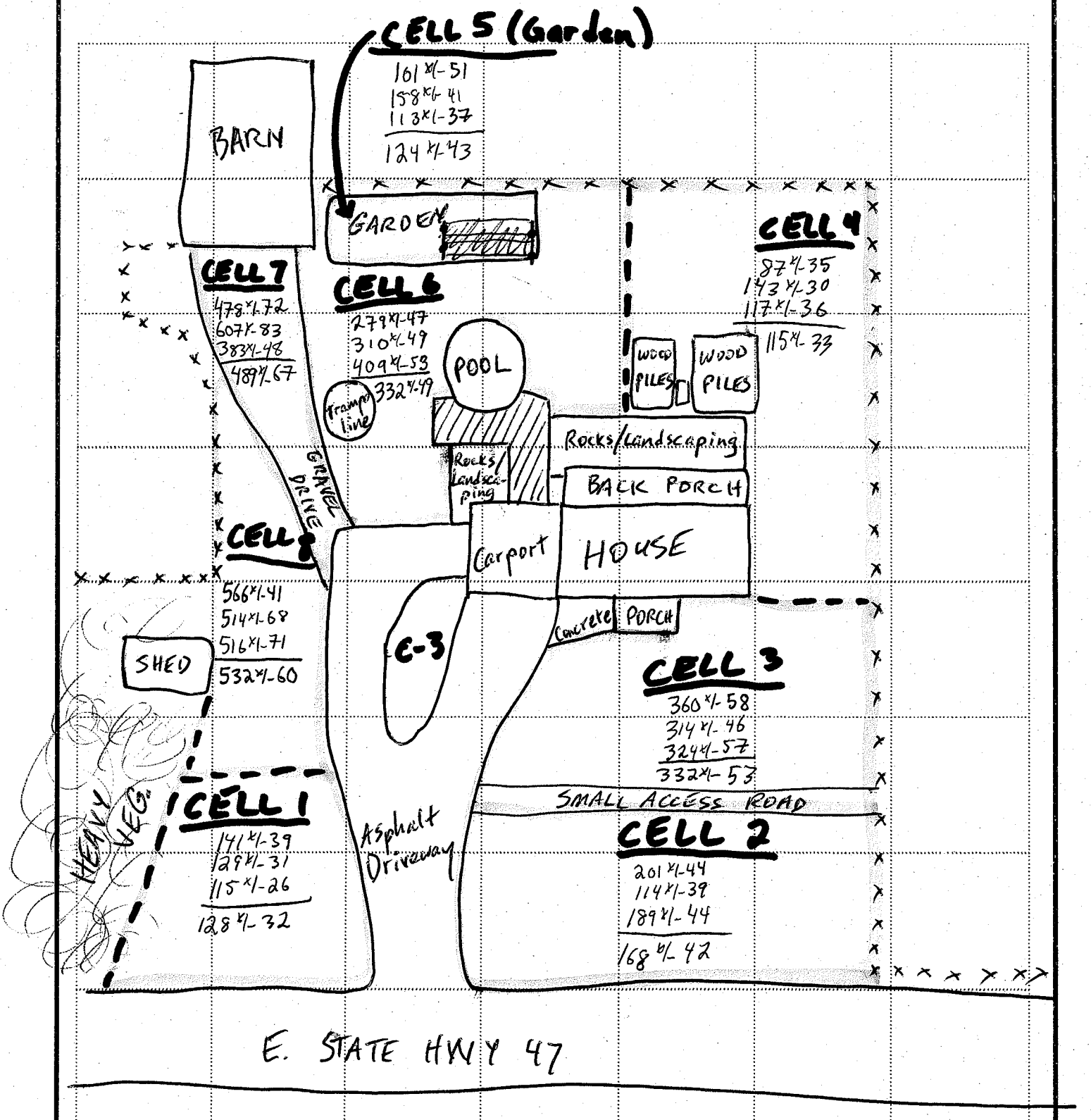
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20574 **Study Area #** Y

Date(s): 12-5-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Light Brick Home With tin Roof on the south of 47

GPS Coordinates:	Latitude	Longitude
Does this property have a private drinking water well?	Yes	No Unknown
If yes, total number of residents served by well	4C 48-48-16-16	
Number of children less than 6 years old using well	0	
Depth of well (if known)	~~40~~ 150 Ft	
Treatment system in use	Yes	Type *(filer, softener, etc.)*
Groundwater Sampling Locations		

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Water spicket is out By the Barn Next to the straw

Comments/Observations

_____

_____

_____

_____

_____

_____

_____

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20576 Study Area # 8

Date(s): 12-1-05

[redacted]

XRF I.D. Operator

In-Situ Results:

Screening Results:

Post-Remedial:

Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Blue Home Brown Grage Doors on the left side of Emily [redacted]

GPS Coordinates:	Latitude	Longitude
Does this property have a private drinking water well?	(Yes) No Unknown	
If yes, total number of residents served by well	2 (47-49)	
Number of children less than 6 years old using well	0	
Depth of well (if known)	NO	
Treatment system in use	NO	Type *(filer, softener, etc.)*
Groundwater Sampling Locations		

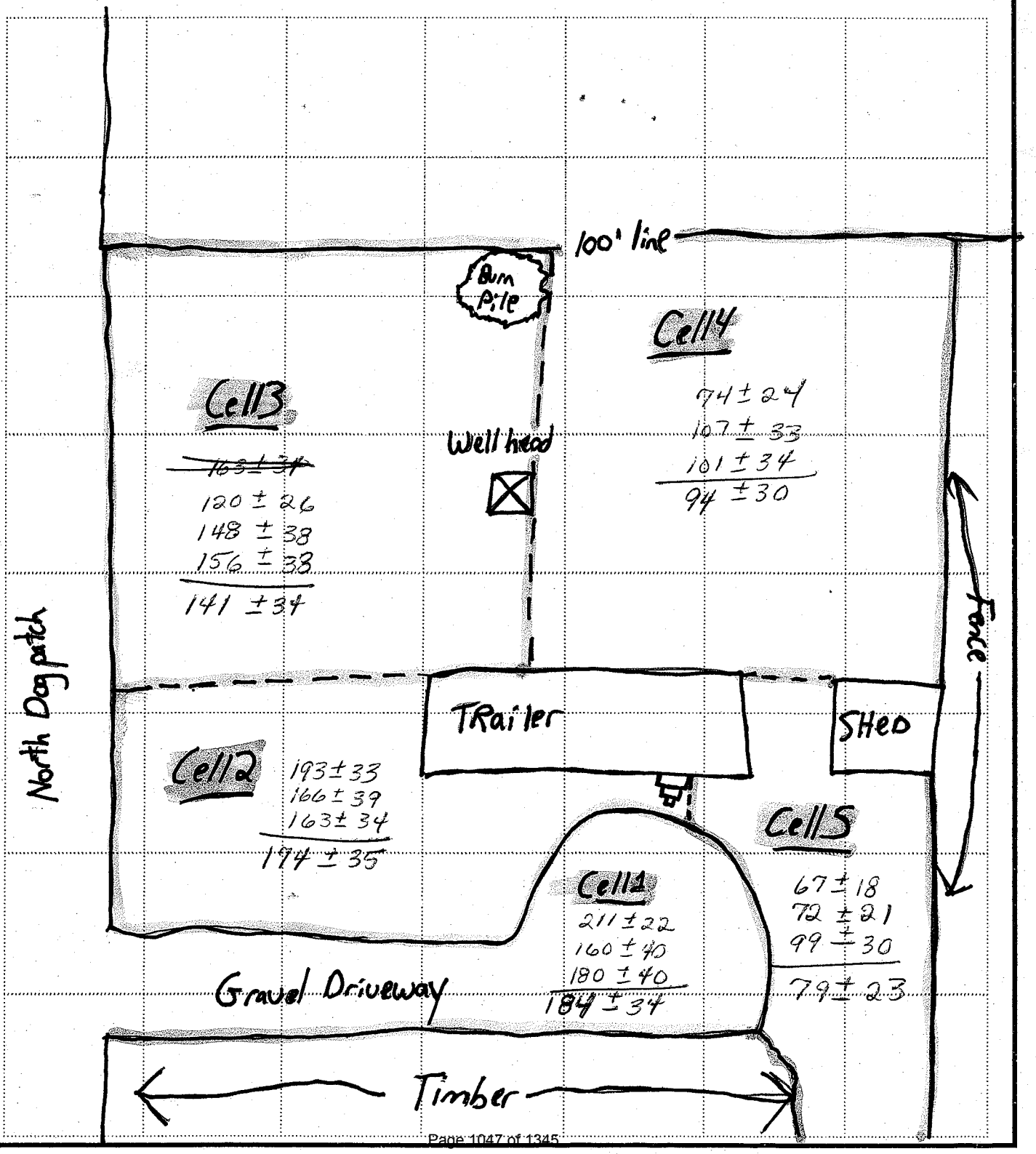
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): _____
EPA Site # 20578 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:	_____	_____
Screening Results:	# 53	CM 12-12-05
Post-Removal:	_____	_____



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

OFF White Trailer with Green trim at the cross road of North + South Dog Patch

GPS Coordinates:	Latitude 38.016626	Longitude -90.717103

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 5 (35-79)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

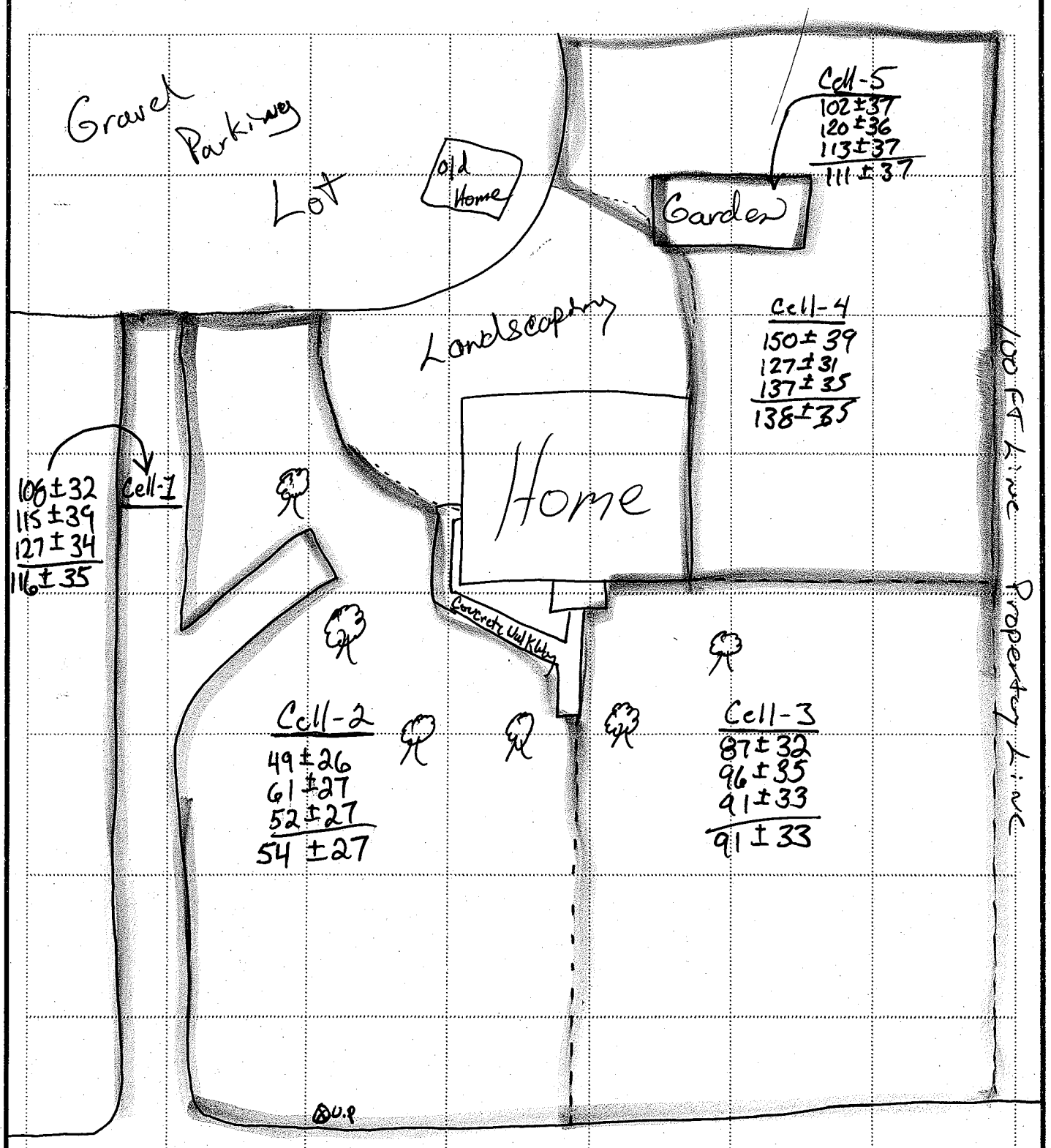
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20579 Study Area # 8

Date(s): 12-15-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



[redacted]

Landlord Contact Information

Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

White Home green trim has a Piece of wood with name cut into in Front Yard

GPS Coordinates:	Latitude 38.01748	Longitude -90.717101

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3(47-45-18)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

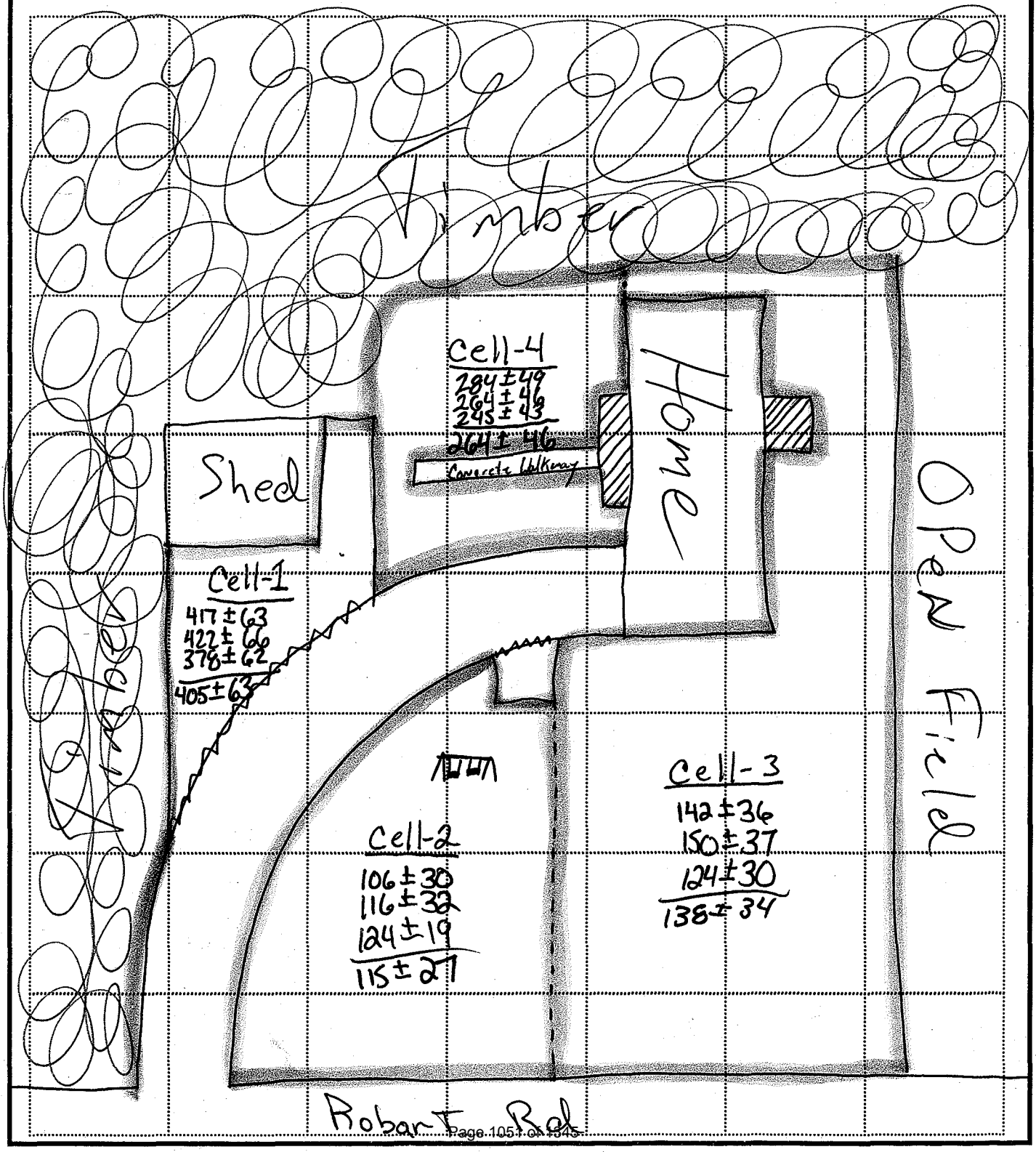
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20590 **Study Area #** 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)* 1st house on the left with a shed just left of the House

GPS Coordinates:	Latitude 37,984845	Longitude -90,2346167

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3 (43-42-14

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

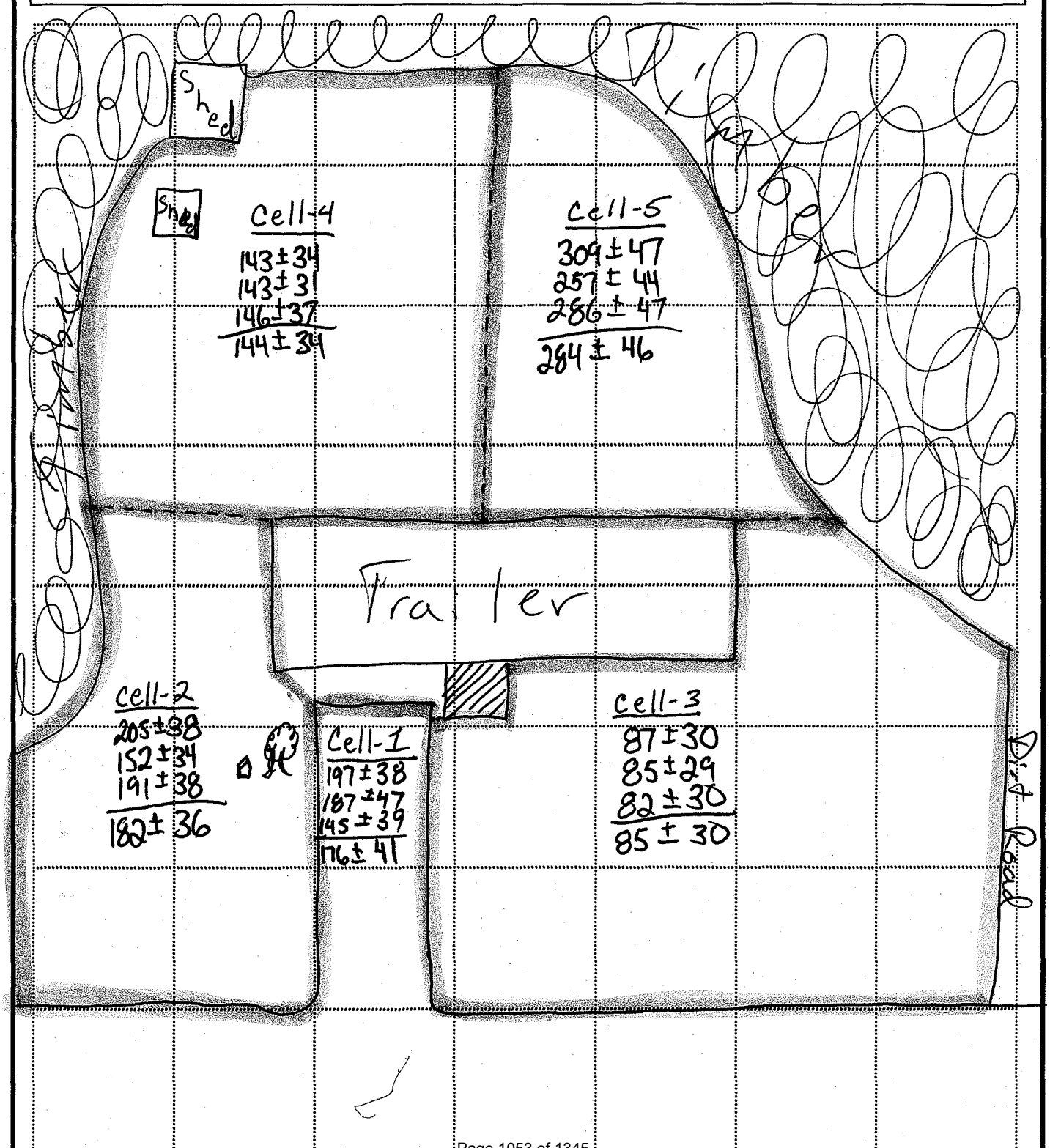
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): 12-16-05
EPA Site # 20591 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted]

Physical Description of House or Property *(include estimate of acreage, if possible)*

White trailer with Black shutters - Share well with 11694

[redacted]

GPS Coordinates:	Latitude 37.98578	Longitude -90.73623

Does this property have a private drinking water well? Yes No Unknown

If yes, total number of residents served by well 3 (32-33-8)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use		Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

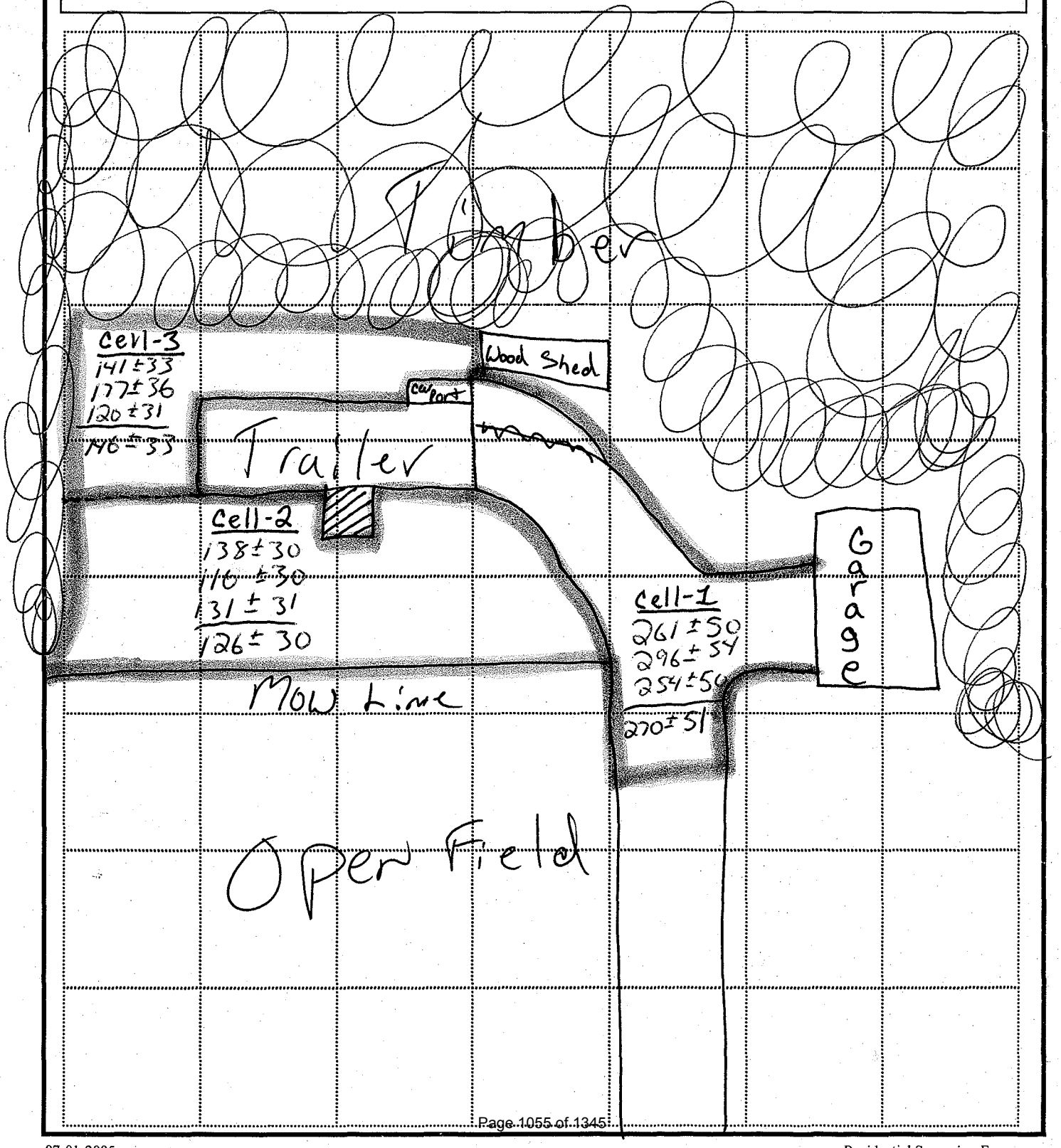
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20592 **Study Area #** 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#58	J.H.
Post-Removal:		



Landlord Contact Information

[redacted]

Physical Description of House or Property *(include estimate of acreage, if possible)* Share a well with 11686 White trailer with Brown trim at top of hill New Tan garage to the right		
GPS Coordinates:	Latitude 37.985661	Longitude -90.736595
Does this property have a private drinking water well? (Yes) No Unknown		
If yes, total number of residents served by well 2 (60-64)		
Number of children less than 6 years old using well 0		
Depth of well (if known) NO		
Treatment system in use NO		Type *(filer, softener, etc.)*
Groundwater Sampling Locations		
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property		

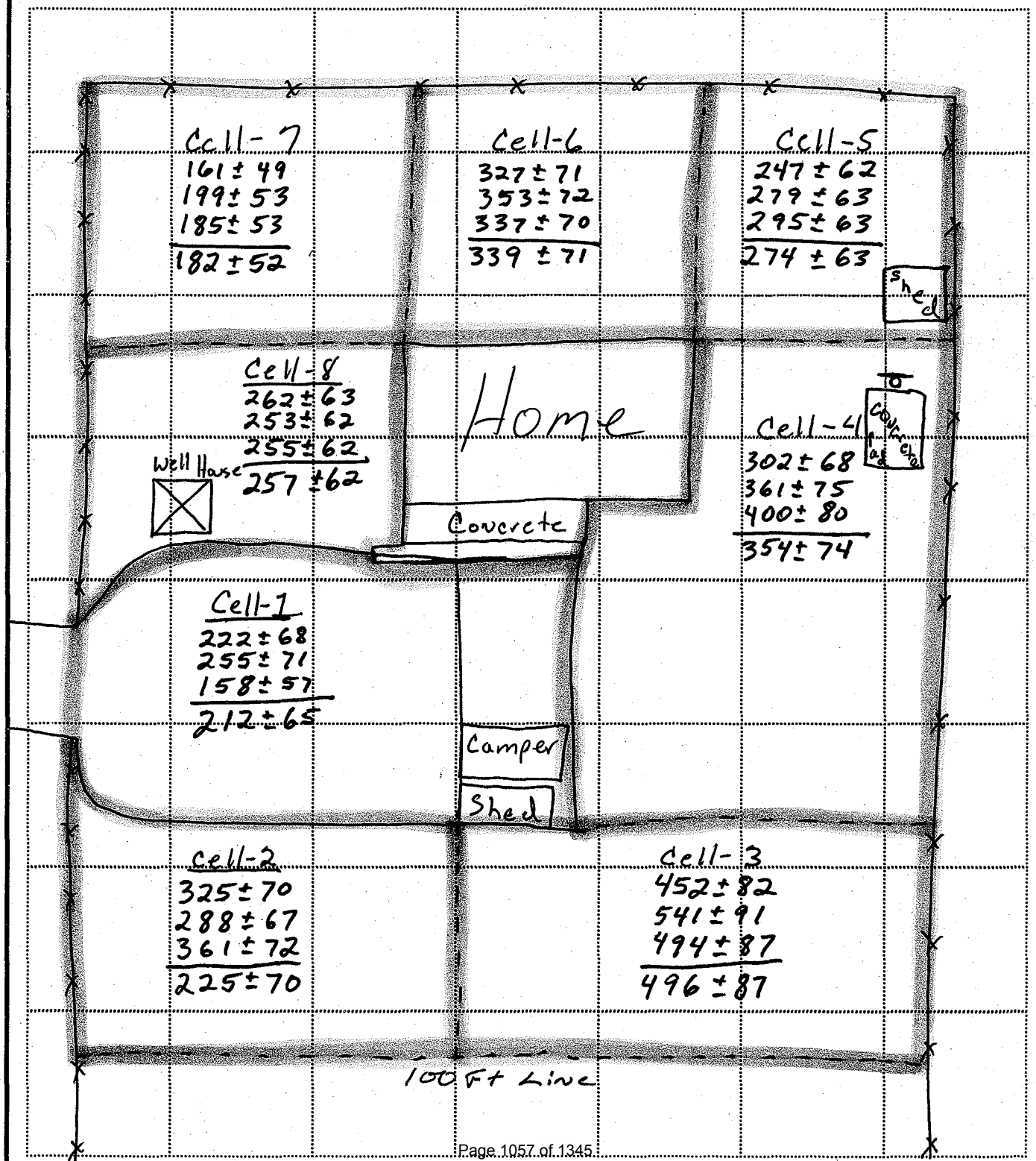
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20593 **Study Area #** 9

Date(s): 12-16-05

XRF I.D. Operator

[redacted]



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Yellow Brown Trim with camper

GPS Coordinates:	Latitude 37.989803	Longitude -90.7340483

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3(46-46-12

Number of children less than 6 years old using well 0

Depth of well (if known) 200+

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20594 **Study Area #** 8

Date(s): 12-07-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		

Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)* 1st Home on the Left on Lamarque Dr yellow with white trim

GPS Coordinates:	Latitude 37.99488	Longitude -90.739211

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3 (38-32-4)

Number of children less than 6 years old using well 1

Depth of well (if known) 250+

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

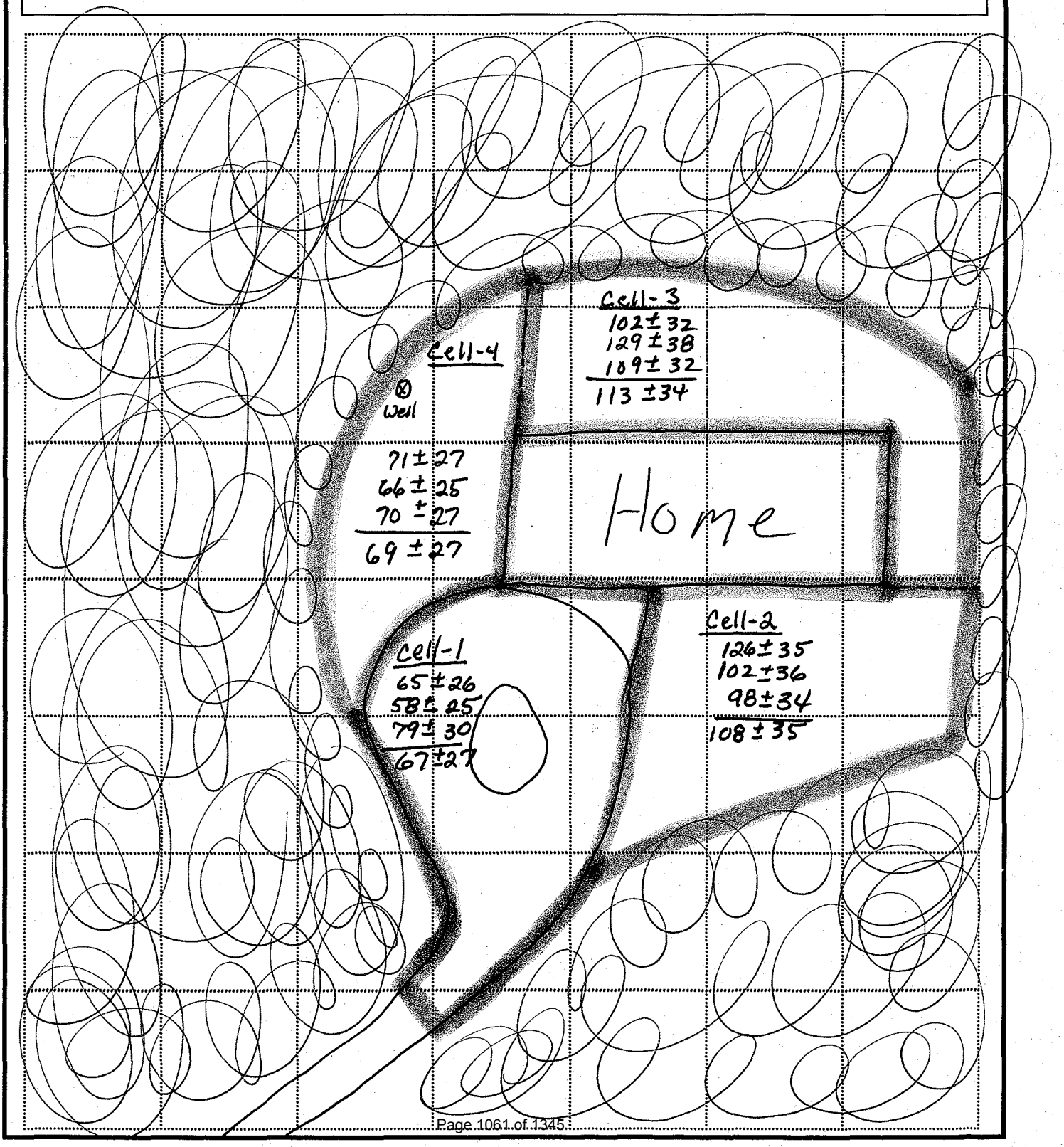
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20600 **Study Area #** 8

[redacted]

Date(s): 12-07-05

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	# 58	CM 12-13-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)* Dark tan Home Earth White trim House to the Right on Dubay Dr

GPS Coordinates:	Latitude 37.988546	Longitude -90.746216

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 5 (30-29-11-9-4)

Number of children less than 6 years old using well 1

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

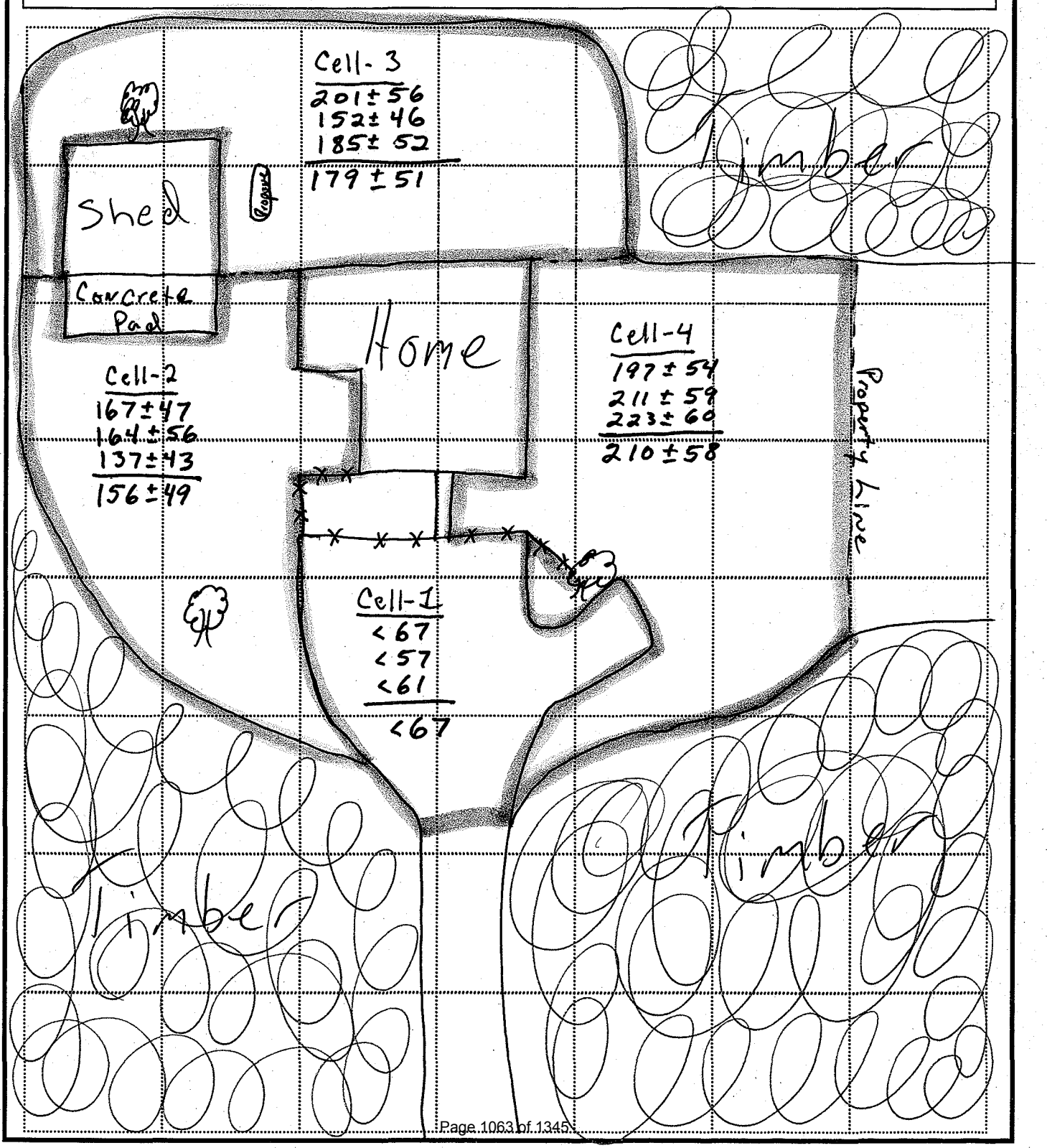
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20601 **Study Area #** 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	61 12-19-05	DG
Post-Removal:		



Landlord Contact Information

[redacted]

Physical Description of House or Property *(include estimate of acreage, if possible)*

Tan Home Brown Trim Garage Behind + detatched No mail Box

Need to get Water Sample From Inside Ask For Address

GPS Coordinates:	Latitude 38.008585	Longitude -90.73734

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (50-56)

Number of children less than 6 years old using well 0

Depth of well (if known) 118

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

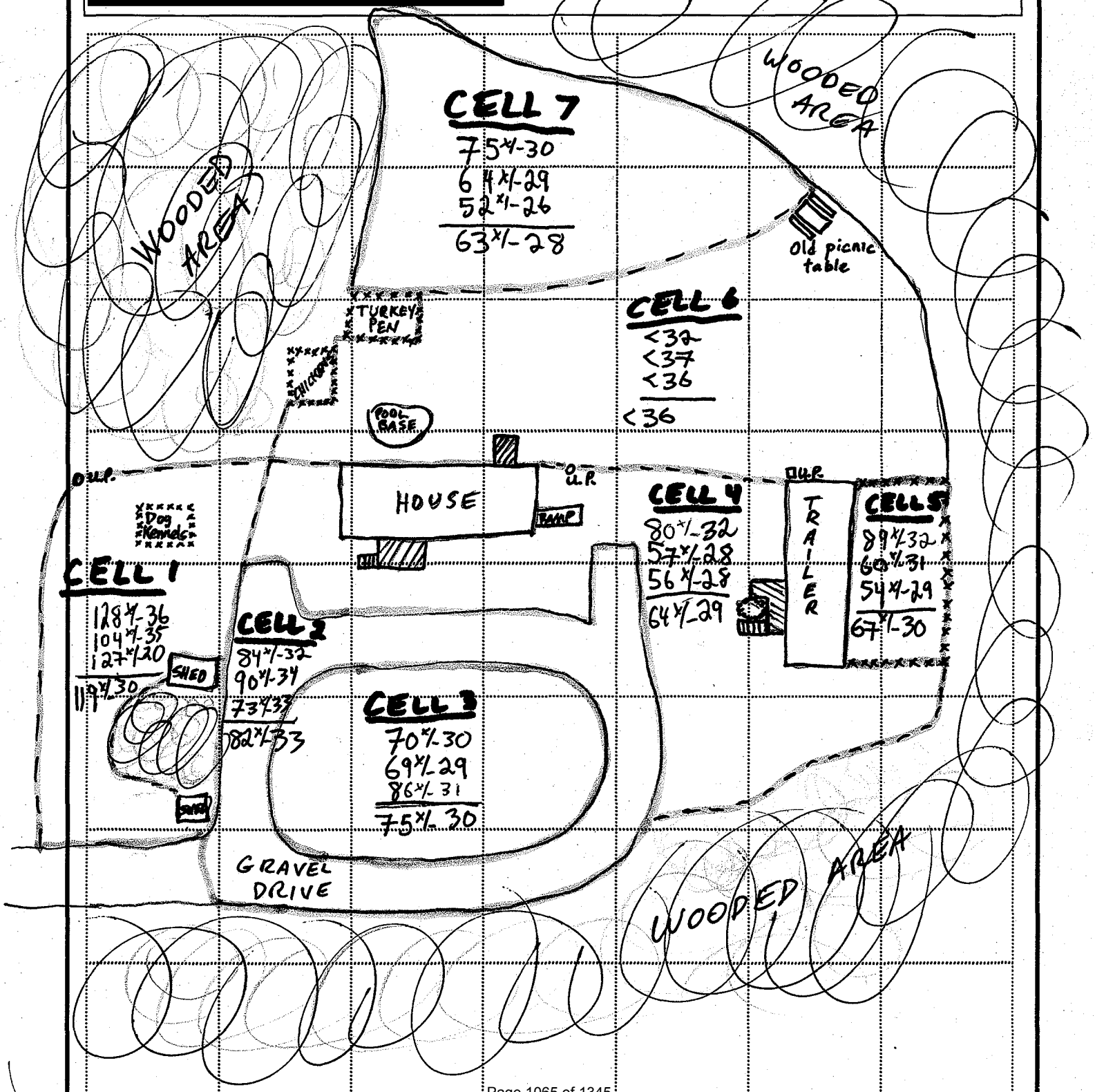
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20610 **Study Area #** 8

Date(s): 12-2-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NM6 12-6-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

GPS Coordinates:	Latitude 37.99477	Longitude -90.683545

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 3 (38-46-84)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

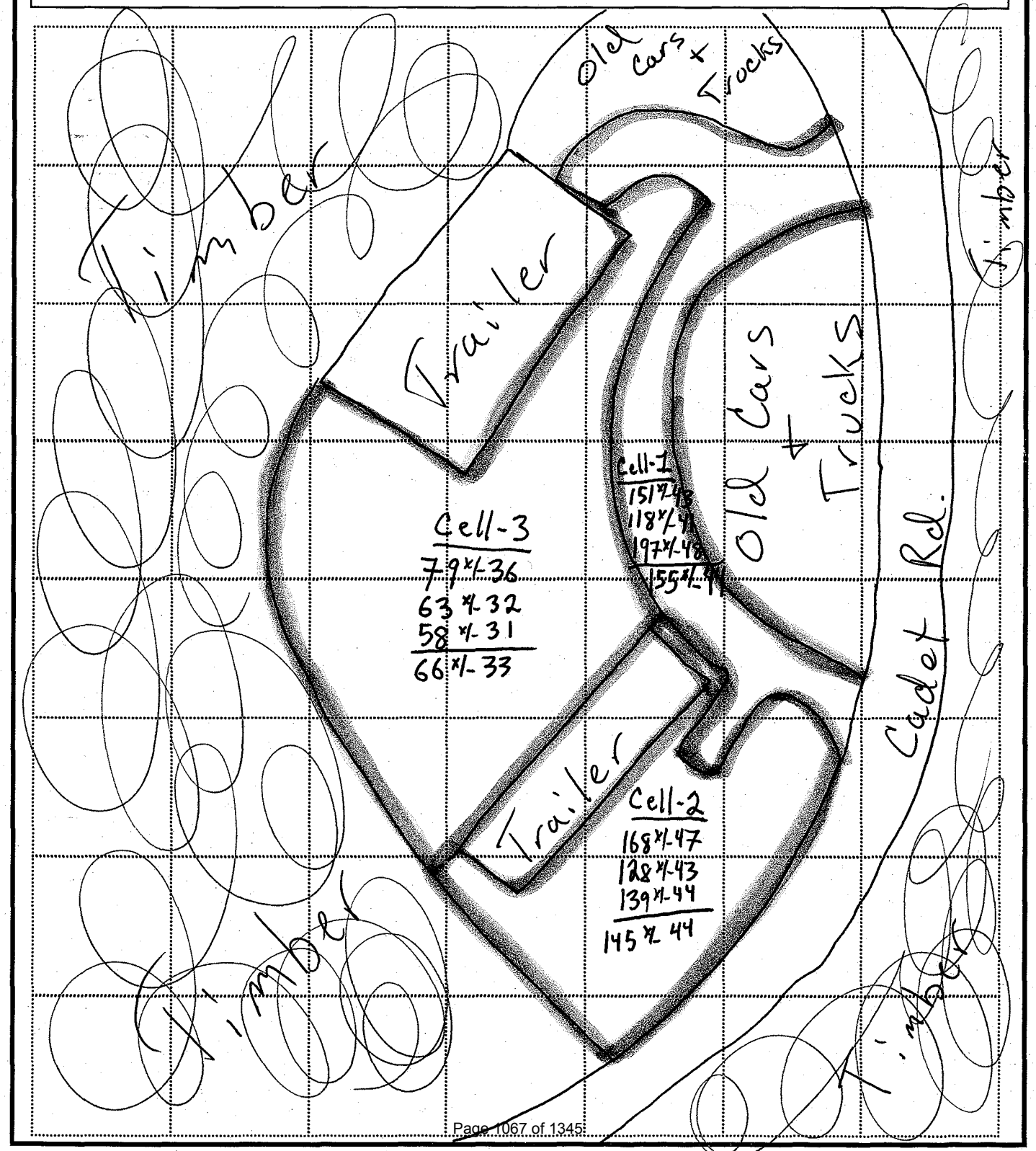
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20611 **Study Area #** 8

Date(s): 12-06-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMG 12-7-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

GPS Coordinates:	Latitude 37.99021	Longitude -90.68325

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 10 (22-24-29-32-34-7-7-4-2mo)

Number of children less than 6 years old using well 2

Depth of well (if known) 360

Treatment system in use		Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

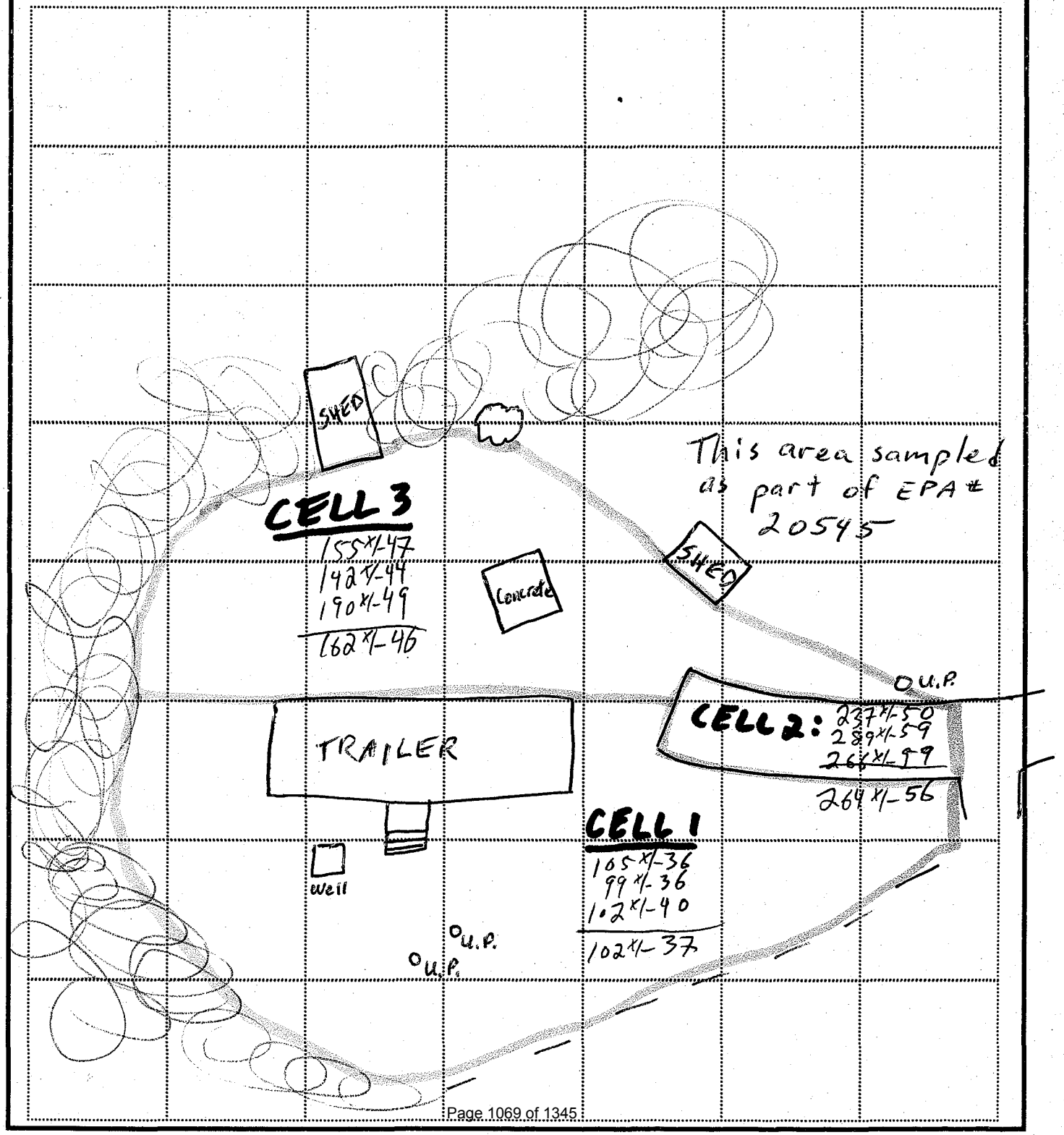
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20624 **Study Area #** 8

[redacted]

Date(s): 12-2-05

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMB 12-3-05
Post-Removal:		



Landlord Contact Information

[redacted]

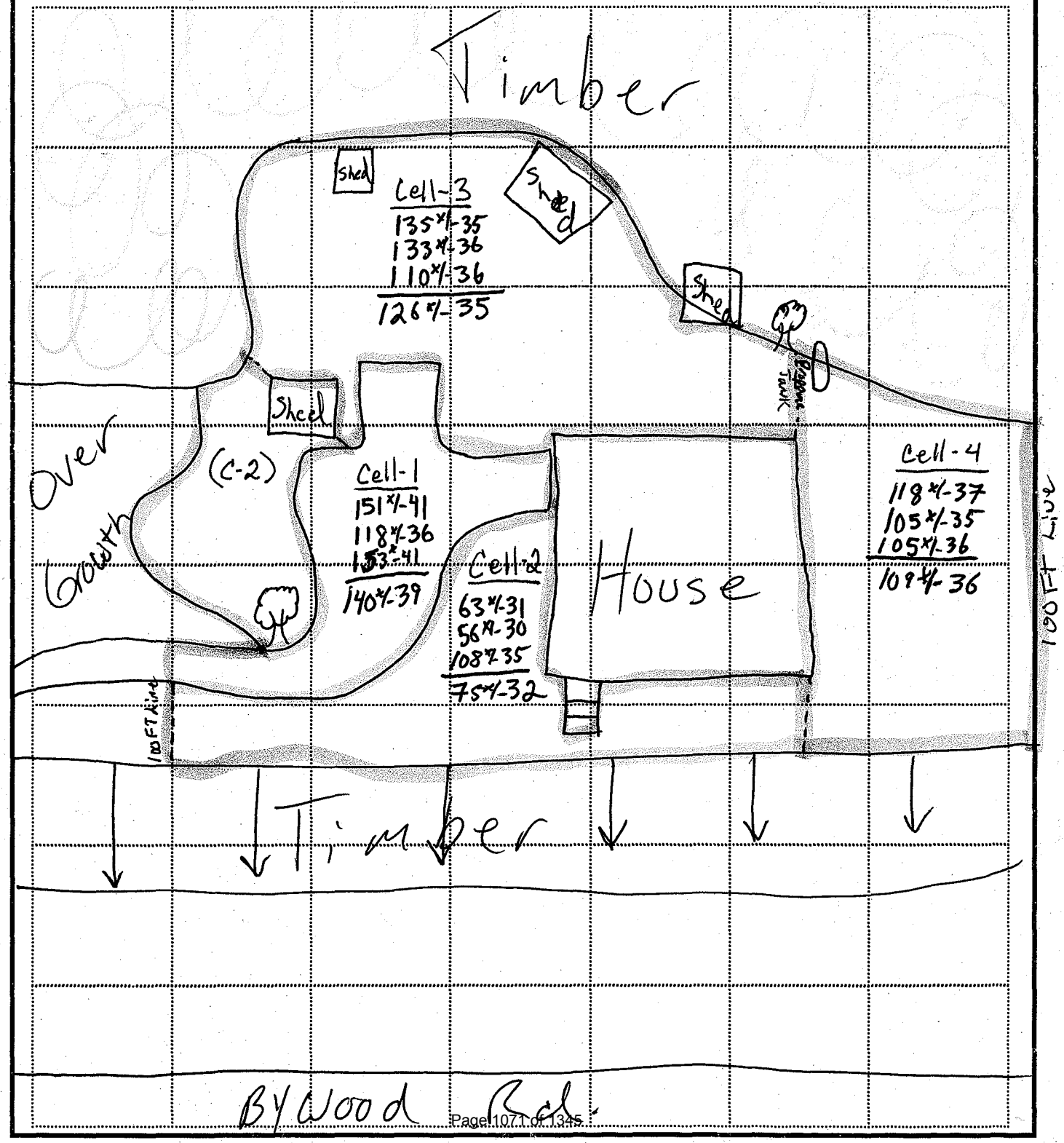
Physical Description of House or Property *(include estimate of acreage, if possible)*		
GPS Coordinates:	Latitude 37.994508	Longitude -90.681101
Does this property have a private drinking water well? Yes No Unknown		
If yes, total number of residents served by well		
Number of children less than 6 years old using well		
Depth of well (if known)		
Treatment system in use		Type *(filer, softener, etc.)*
Groundwater Sampling Locations		
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property		

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
Date(s): 12-3-05
EPA Site # 20625 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMG
Post-Removal:		



Landlord Contact Information

[redacted]

Physical Description of House or Property *(include estimate of acreage, if possible)*		
GPS Coordinates:	Latitude 37.99725	Longitude -90.675998
Does this property have a private drinking water well? (Yes) No Unknown		
If yes, total number of residents served by well 2 (61-63) 32		
Number of children less than 6 years old using well 0		
Depth of well (if known) NO		
Treatment system in use NO		Type *(filer, softener, etc.)*
Groundwater Sampling Locations		
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property		

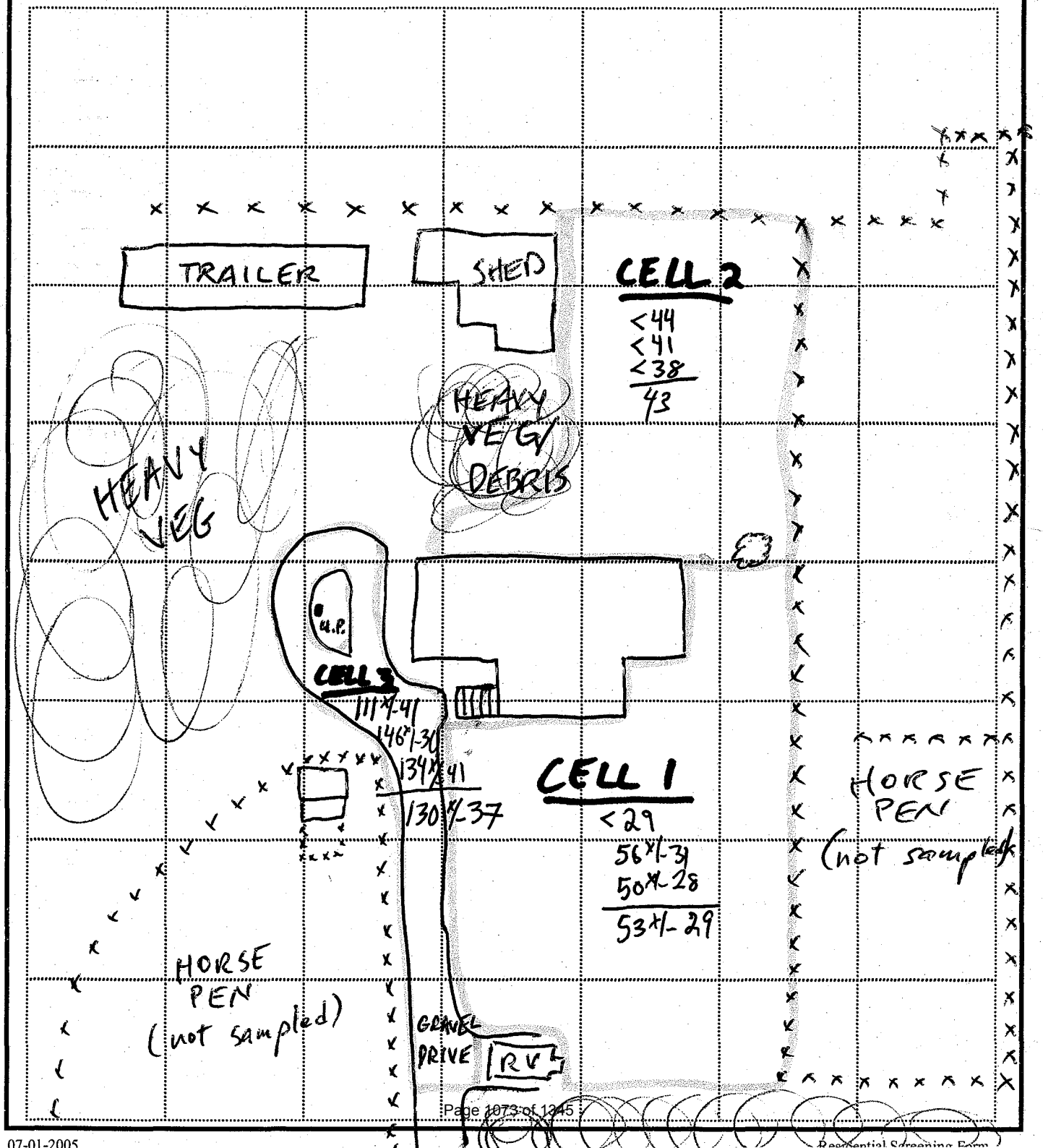
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20626 **Study Area #** 8

Date(s): 12-3-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMS
Post-Removal:		



Landlord Contact Information

Telephone No.:	Name:
[redacted]	
	Zip:

Physical Description of House or Property *(include estimate of acreage, if possible)*		
GPS Coordinates:	Latitude	Longitude
Does this property have a private drinking water well? Yes No Unknown		
If yes, total number of residents served by well		
Number of children less than 6 years old using well		
Depth of well (if known)		
Treatment system in use		Type *(filer, softener, etc.)*
Groundwater Sampling Locations		
NO WATER SAMPLE (house plumbed to well at [redacted] (EPA # 20553))		
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property		

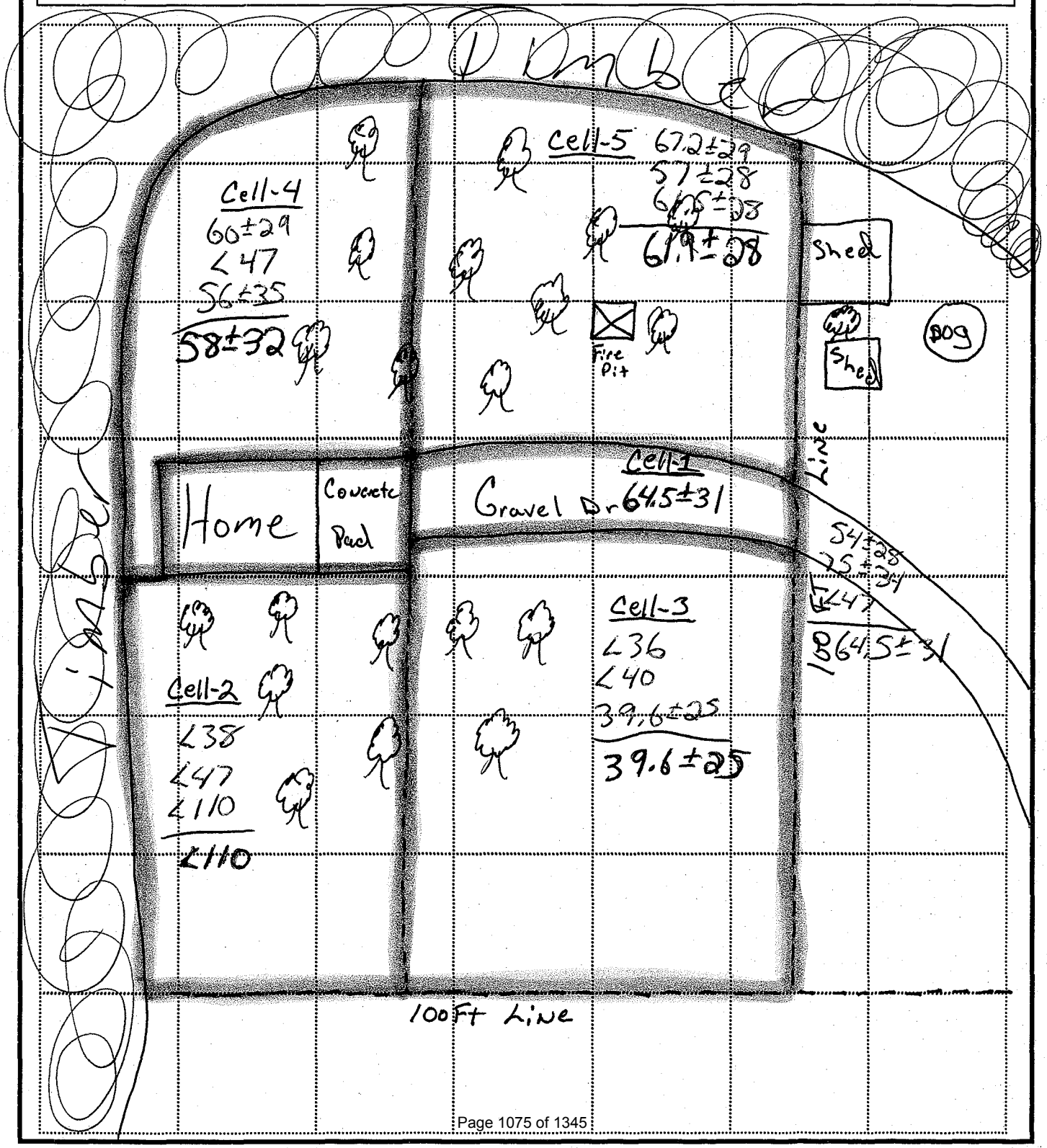
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20652 **Study Area #** 8

Date(s): 12-6-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	J.H.
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
concrete block home

GPS Coordinates:	Latitude 37.996515	Longitude -90.67871

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 5 (13, 12, 10)

Number of children less than 6 years old using well

Depth of well (if known) 50 ft.

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

spigot in front of house

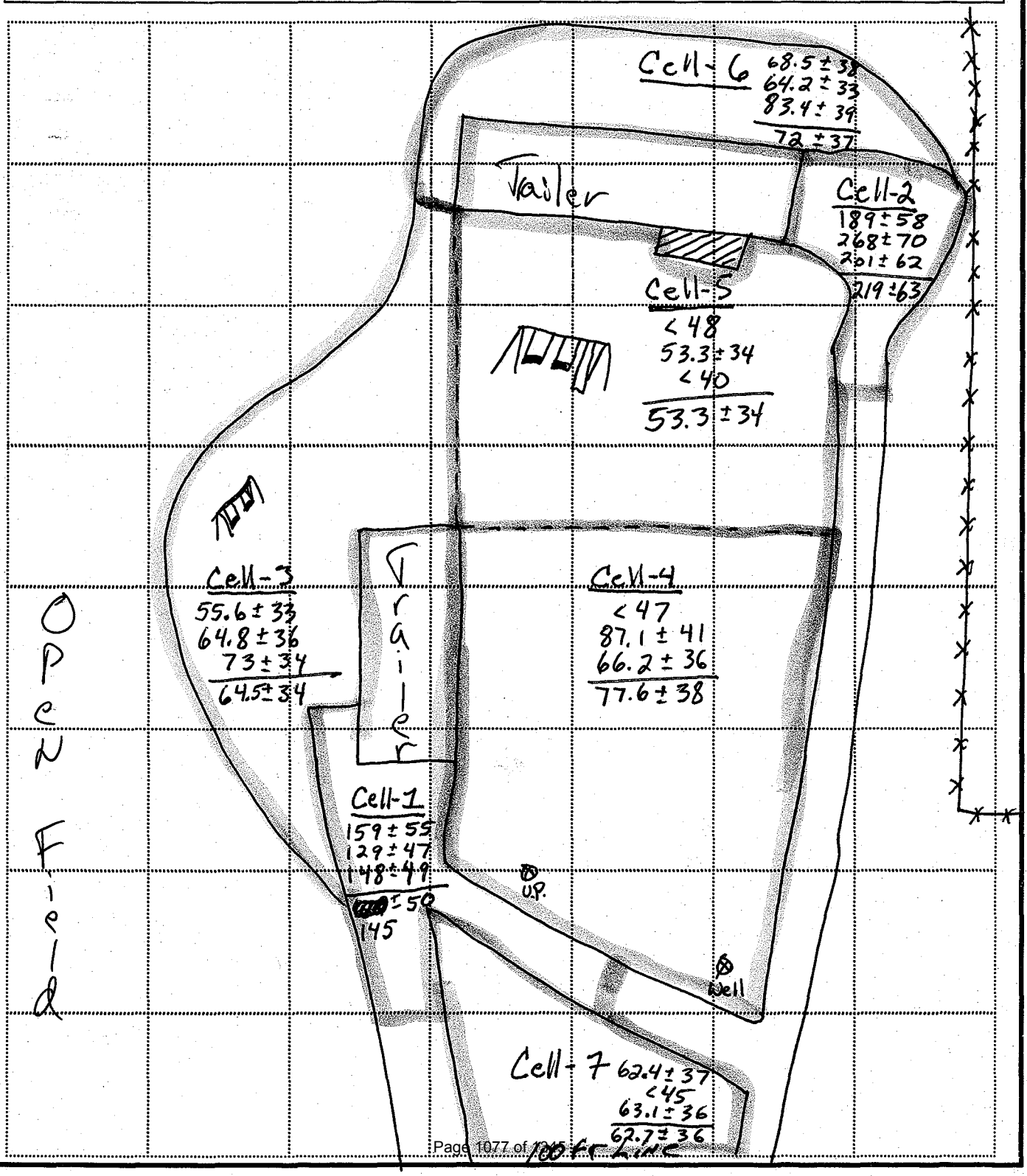
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): 12-15-05
EPA Site # 20662 Study Area # 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	61 12-19-05	DG
Post-Removal:		



Landlord Contact Information

[redacted]

Physical Description of House or Property *(include estimate of acreage, if possible)*
2 Trailers To the South of there Dads place all on the same well with dad

GPS Coordinates:	Latitude	Longitude
Does this property have a private drinking water well?	Yes	No Unknown
If yes, total number of residents served by well		
Number of children less than 6 years old using well		
Depth of well (if known)		
Treatment system in use		Type *(filer, softener, etc.)*
Groundwater Sampling Locations		
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property		

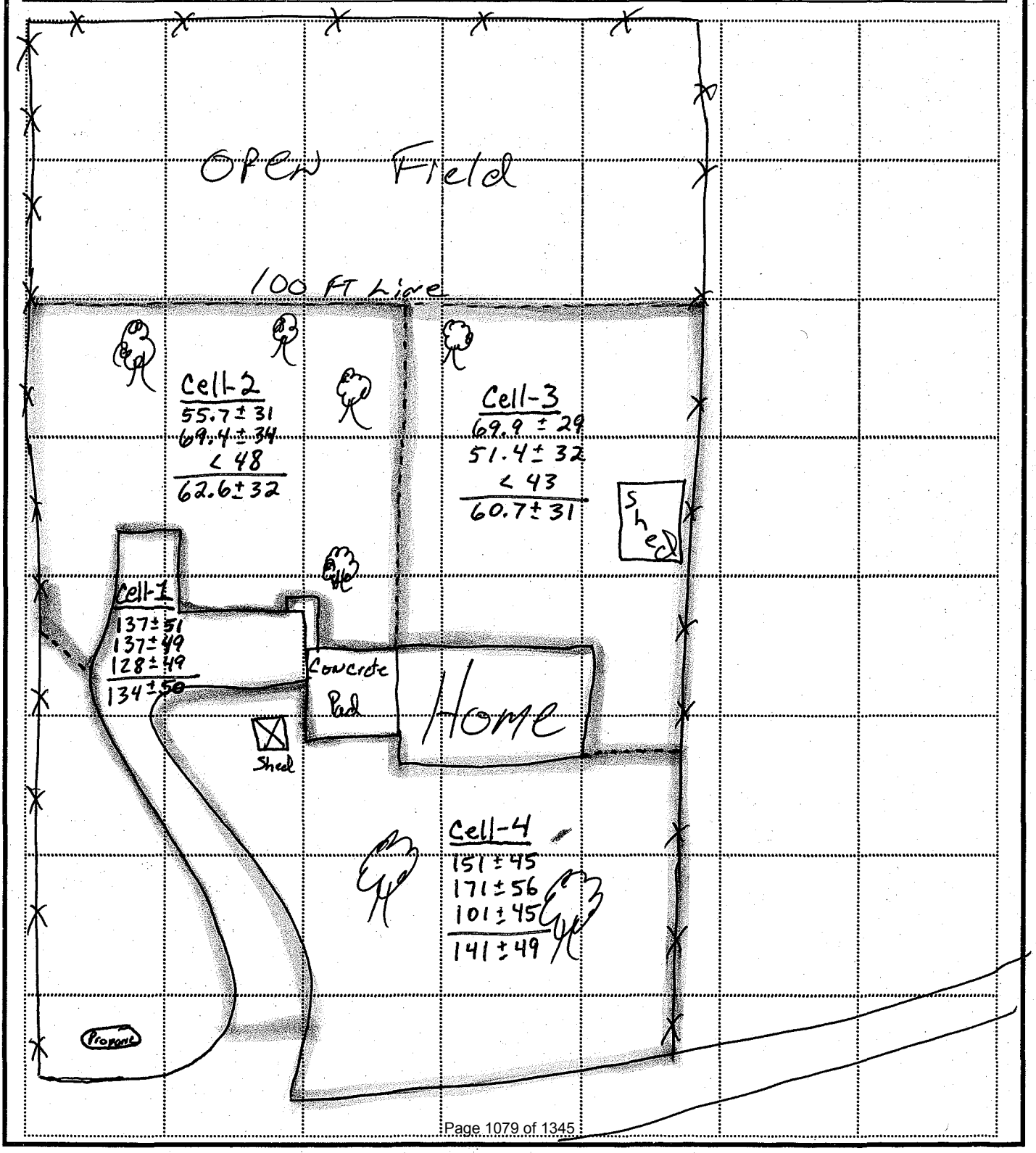
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20663 Study Area # 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	61 12-19-05	DG
Post-Removal:		



Landlord Contact Information

[redacted]

Physical Description of House or Property *(include estimate of acreage, if possible)* Light Blue Home with a car port white trim Lot of work Being done to the yard on the right side		
GPS Coordinates:	Latitude 38.01331	Longitude -90.70501
Does this property have a private drinking water well? (Yes) No Unknown		
If yes, total number of residents served by well 3 (48 - 43 - 14)		
Number of children less than 6 years old using well		
Depth of well (if known) NO		
Treatment system in use	NO	Type *(filer, softener, etc.)*
Groundwater Sampling Locations		
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property		

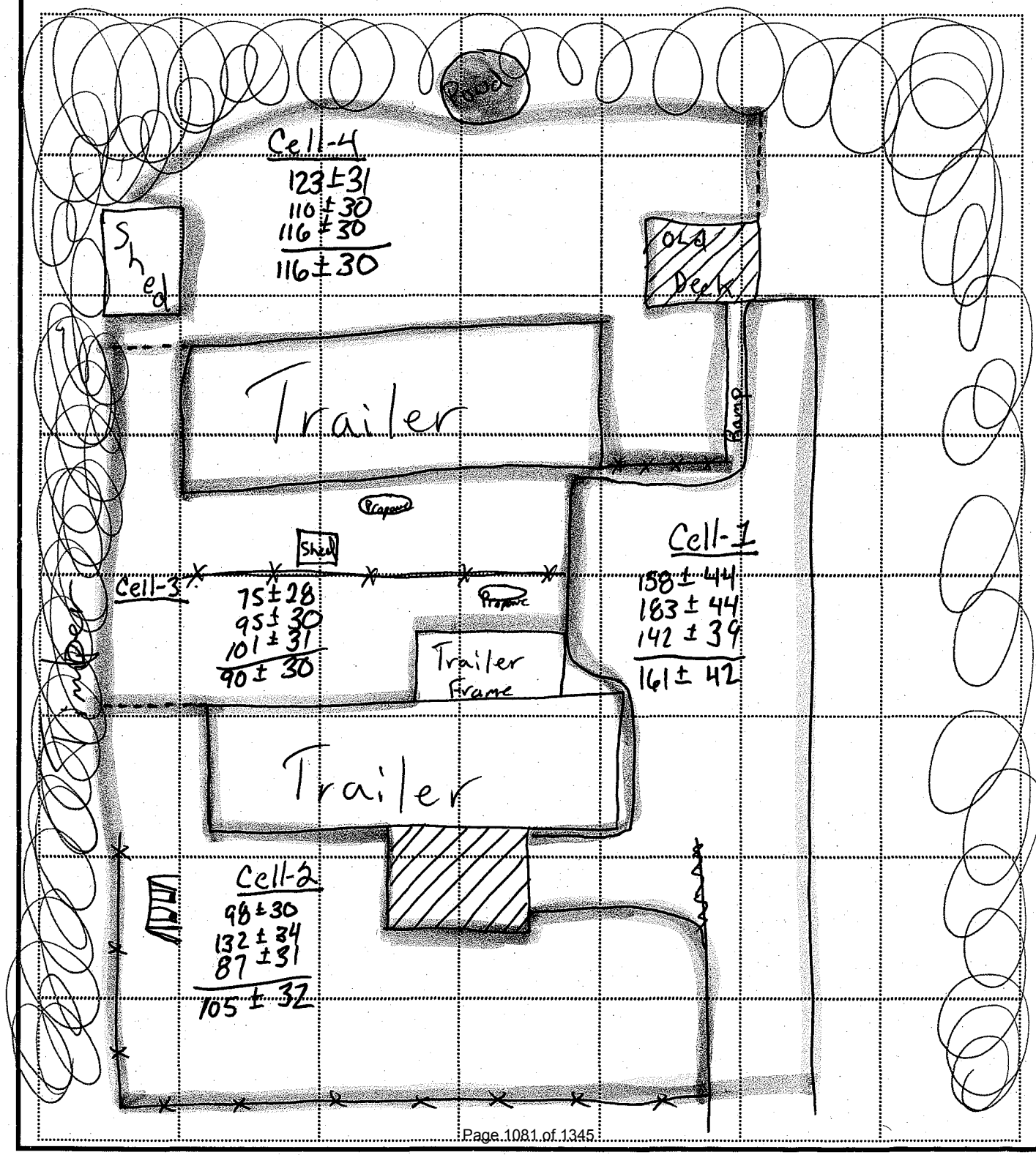
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20664 Study Area # 8

Date(s): 12-16-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

Telephone No.: N/A Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Two Trailers at The end of Otis Rd

GPS Coordinates:	Latitude 37.98901	Longitude -90.72584

Does this property have a private drinking water well? Yes No Unknown

If yes, total number of residents served by well 4 (18-21-23-1.5)

Number of children less than 6 years old using well 1

Depth of well (if known)

Treatment system in use		Type *(filer, softener, etc.)*

Groundwater Sampling Locations

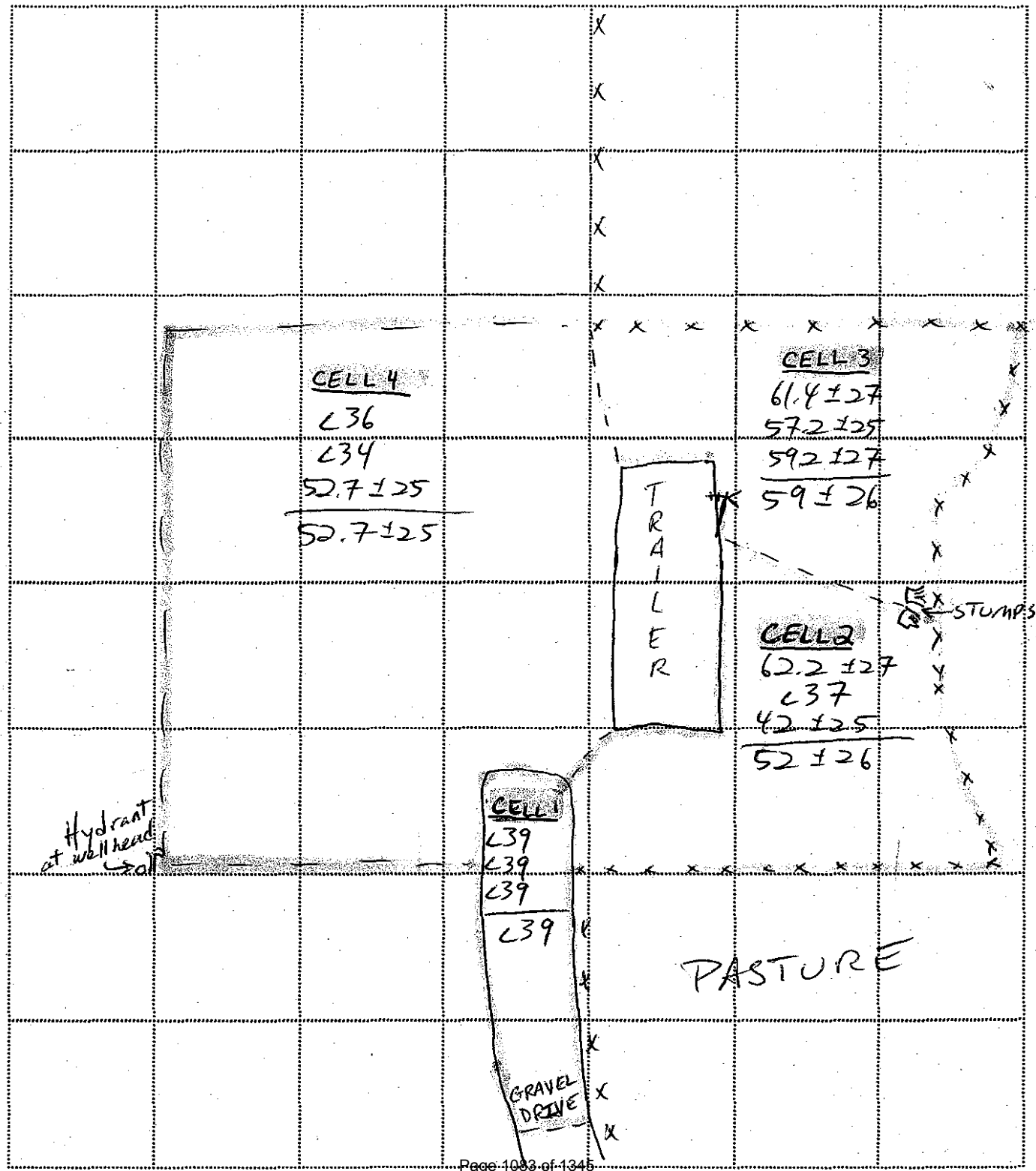
Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

Washington County Lead District Site - POTOSI AREA RSE access: 2-16-06
Residential Property Screening Form Date(s): _____
EPA Site # 20931 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58 2/27/06	
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
Trailer at end of Roderick Rd, Driveway to Right of [redacted] gray house.
White trailer with gray skirt

GPS Coordinates:	Latitude 38.00542	Longitude -90.67857	
Does this property have a private drinking water well?	(Yes)	No	Unknown
If yes, total number of residents served by well	3		
Number of children less than 6 years old using well	None		
Depth of well (if known)	≈ 400 ft		
Treatment system in use	No	Type *(filer, softener, etc.)*	No
Groundwater Sampling Locations			

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

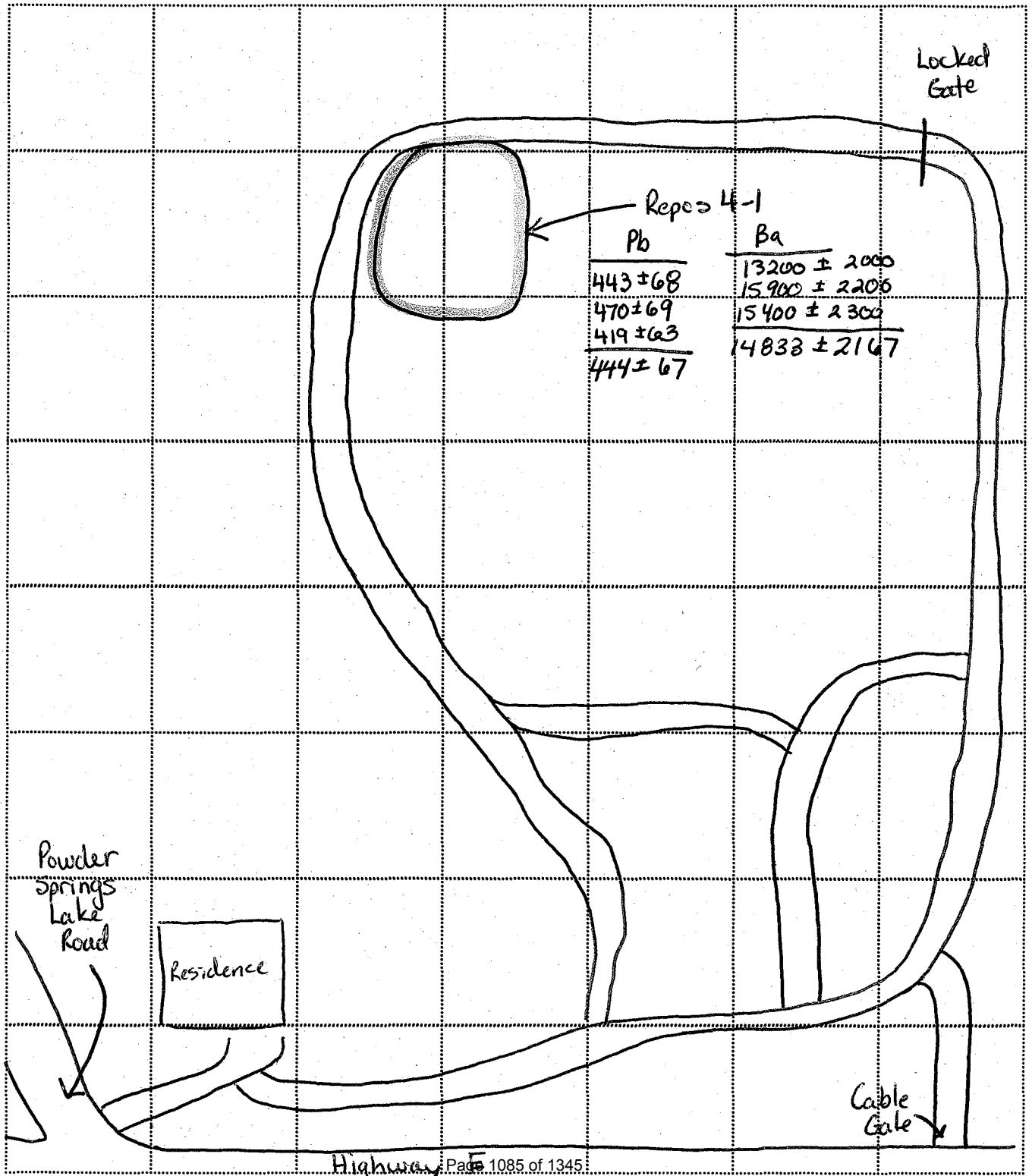
Comments/Observations

Potential Repository Site

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): 2-08-06
EPA Site # 22001 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
Results:		
Results:	58 0 2-08-06	BG
Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

GPS Coordinates:	Latitude 38.00202	Longitude -90.69565

Does this property have a private drinking water well? Yes No Unknown

If yes, total number of residents served by well

Number of children less than 6 years old using well

Depth of well (if known)

Treatment system in use | Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Potential location for Potosi repository. This area is labeled Repos4-1 and is located in mined area on northeast area of property.

Comments/Observations

Potential Repository Site

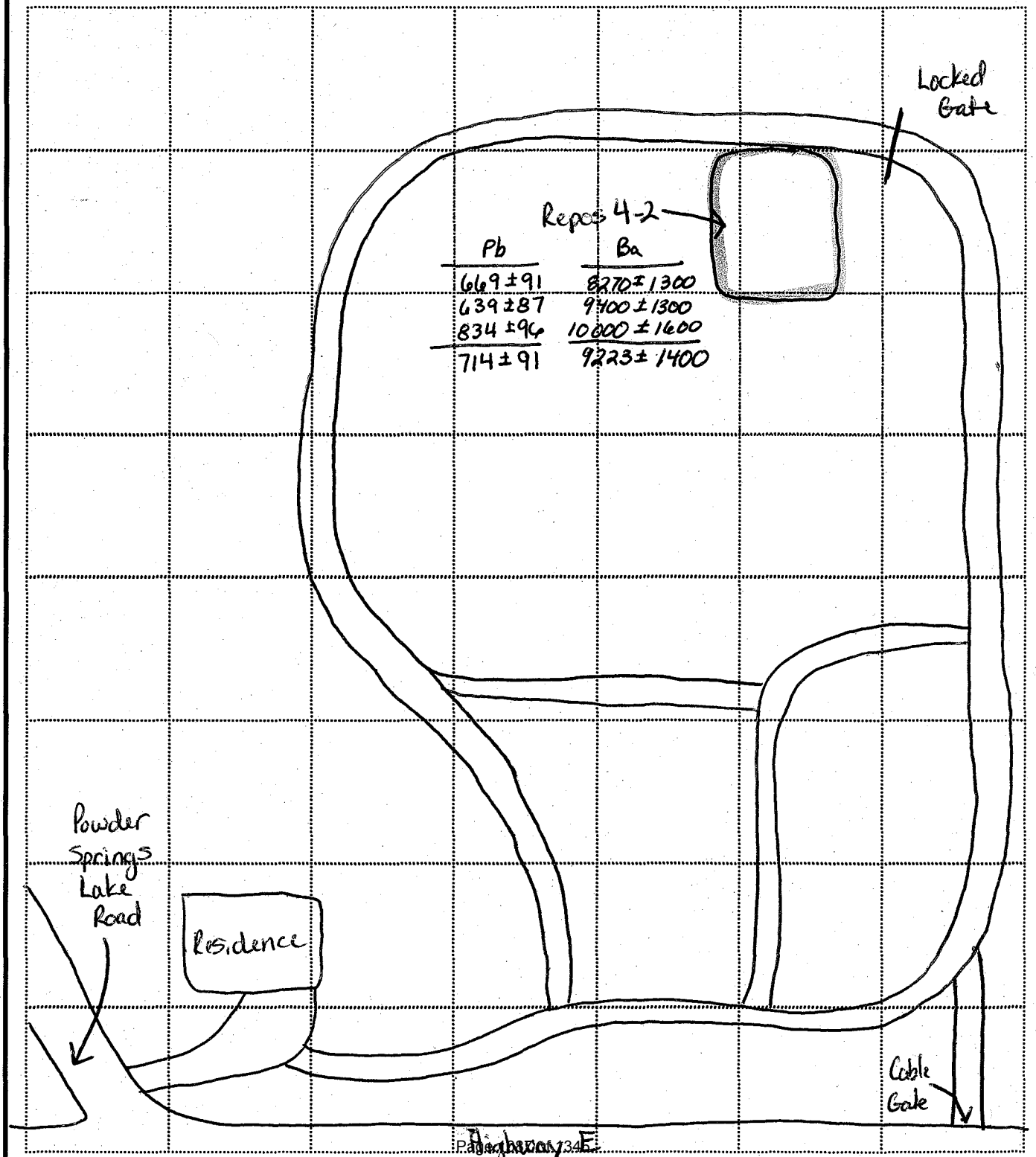
RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form

Date(s): 2-08-06

EPA Site # 22002 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58 2-08-06	BE
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

potential location for Potosi repository. This area is labeled Repos 4-2. and is located in mined land on south east area of property.

GPS Coordinates:	Latitude 38.00167	Longitude -90.69720

Does this property have a private drinking water well? Yes No Unknown

If yes, total number of residents served by well

Number of children less than 6 years old using well

Depth of well (if known)

Treatment system in use		Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

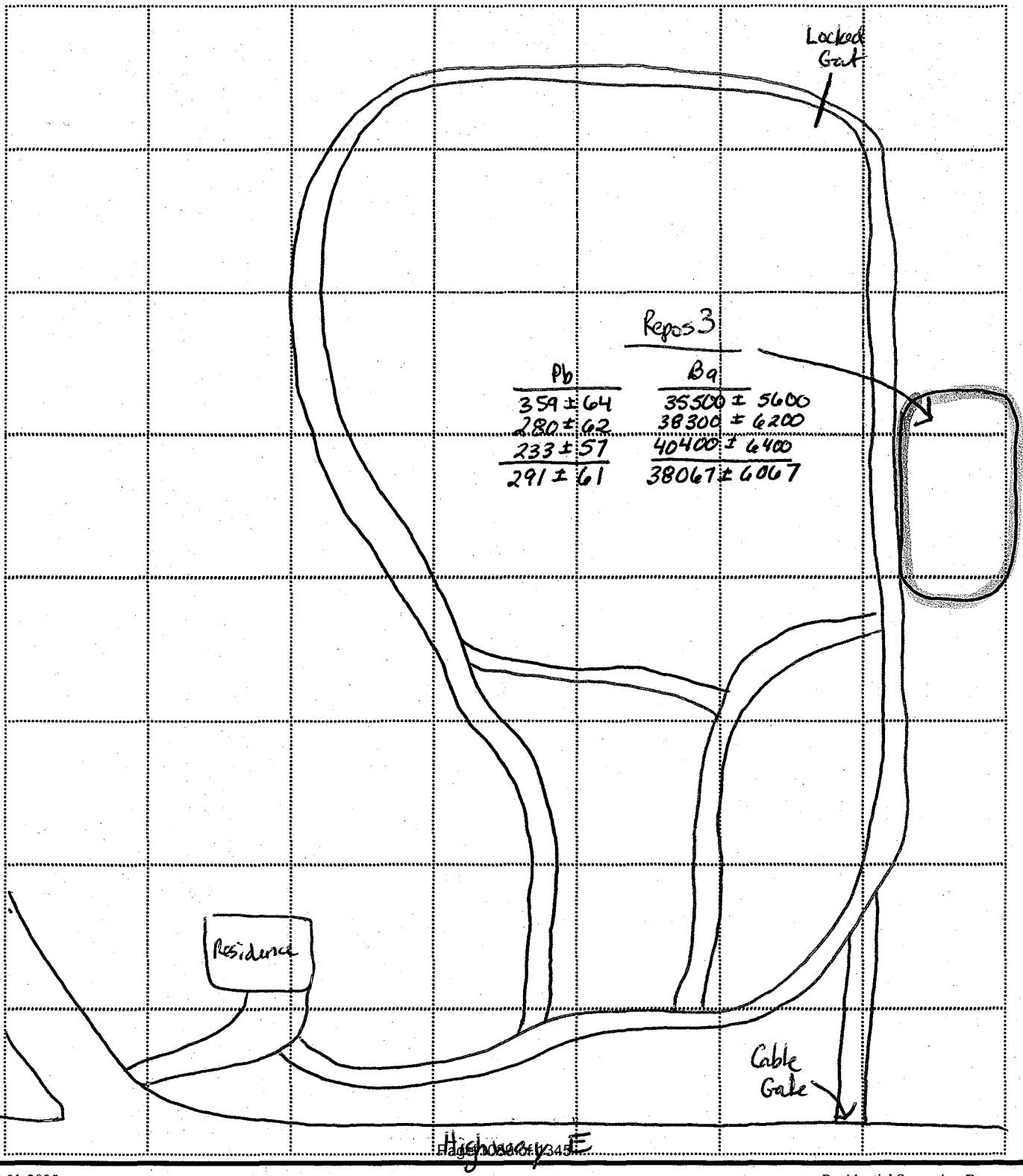
Potential Repository Site

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 2203 **Study Area #** 8

[redacted]

Date(s): 2-08-06

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58 2-08-06	BE
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Potential location for Potosi repository. This area is labeled Repos 3 and is located in mined land on ~~east~~ South side of property

GPS Coordinates:	Latitude 38.60014	Longitude

Does this property have a private drinking water well? Yes No Unknown

If yes, total number of residents served by well

Number of children less than 6 years old using well

Depth of well (if known)

Treatment system in use		Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

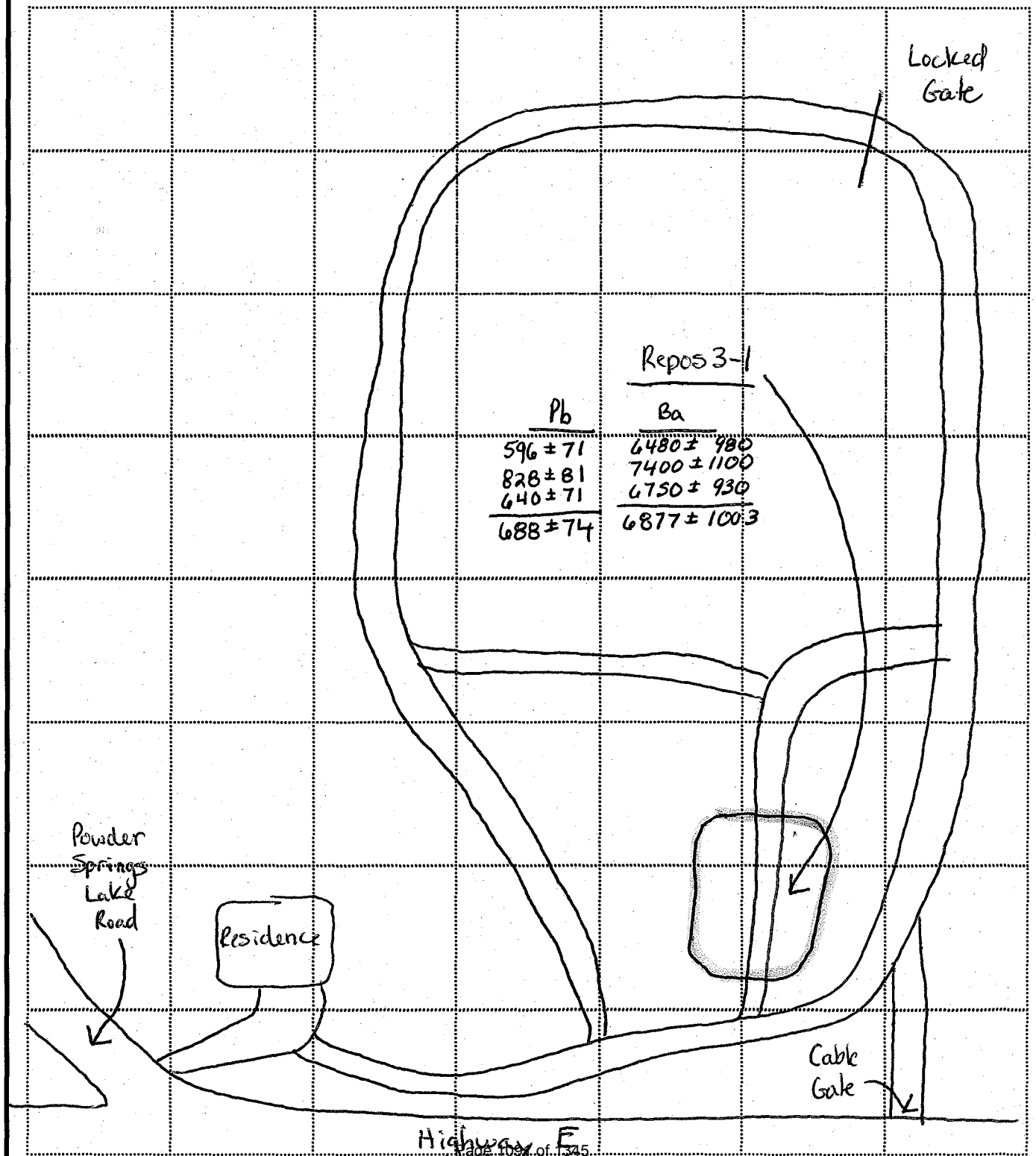
Comments/Observations

Potential Repository Site

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form Date(s): 2-08-06
EPA Site # 22004 **Study Area #** 8

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58 2-08-06	BE
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Potential location for Potosi repository. This area is labeled Lpos 3-1 and is located in mined land in the south west section of property.

GPS Coordinates:	Latitude 38.00187	Longitude -90.70403

Does this property have a private drinking water well? Yes No Unknown

If yes, total number of residents served by well

Number of children less than 6 years old using well

Depth of well (if known)

Treatment system in use		Type *(filter, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

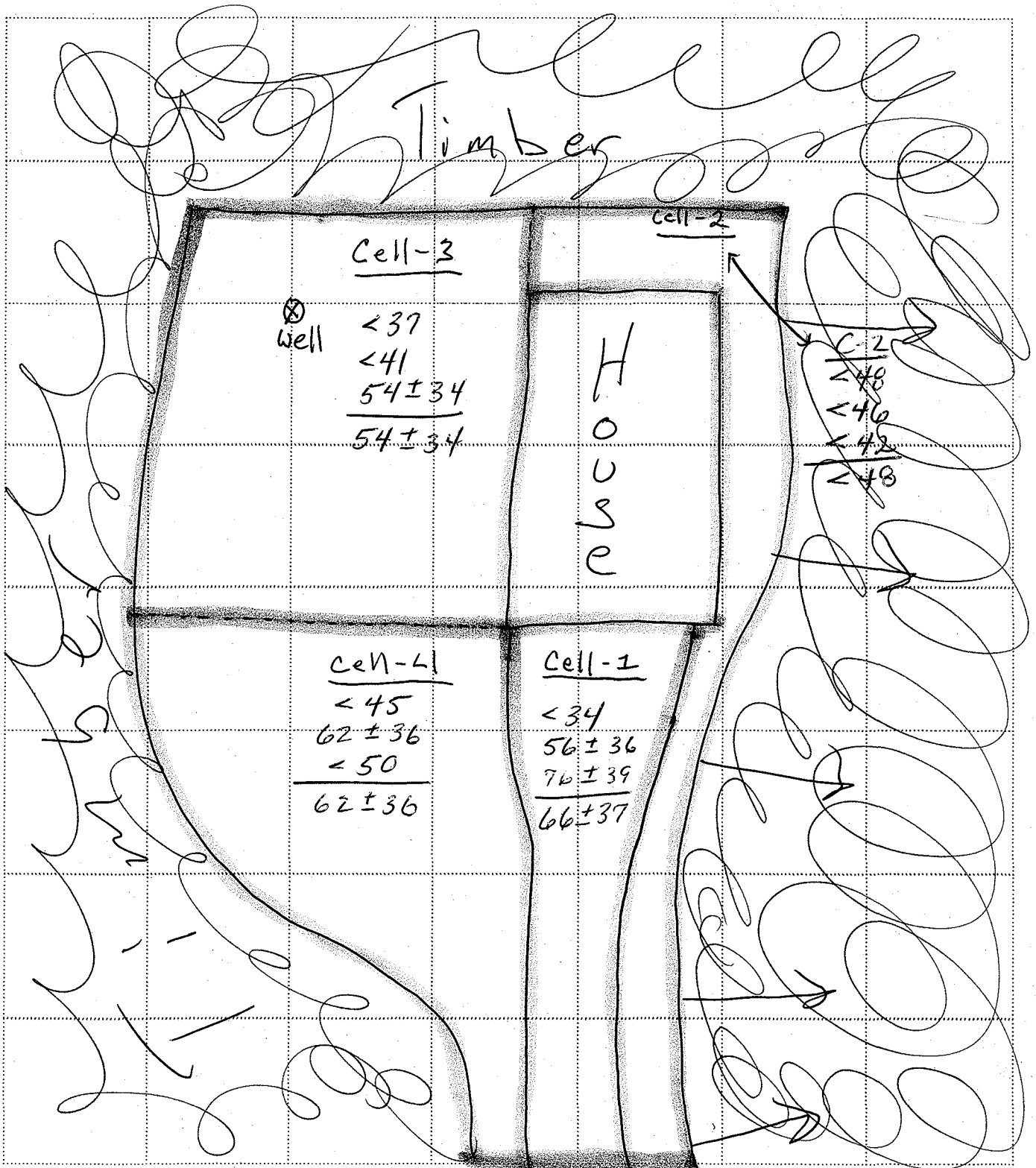
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20463 Study Area # 9

Date(s): 12-5-05
analysis 12-7-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#61	CMR
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
semi-earth home. Sand colored vynal siding w/ green shutters and green metal roof. faces the creek.

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 1

Number of children less than 6 years old using well Ø

Depth of well (if known) ~~80~~ 565

Treatment system in use NO Type *(filer, softener, etc.)* N/A

Groundwater Sampling Locations

Behind the house in big part of the yard

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

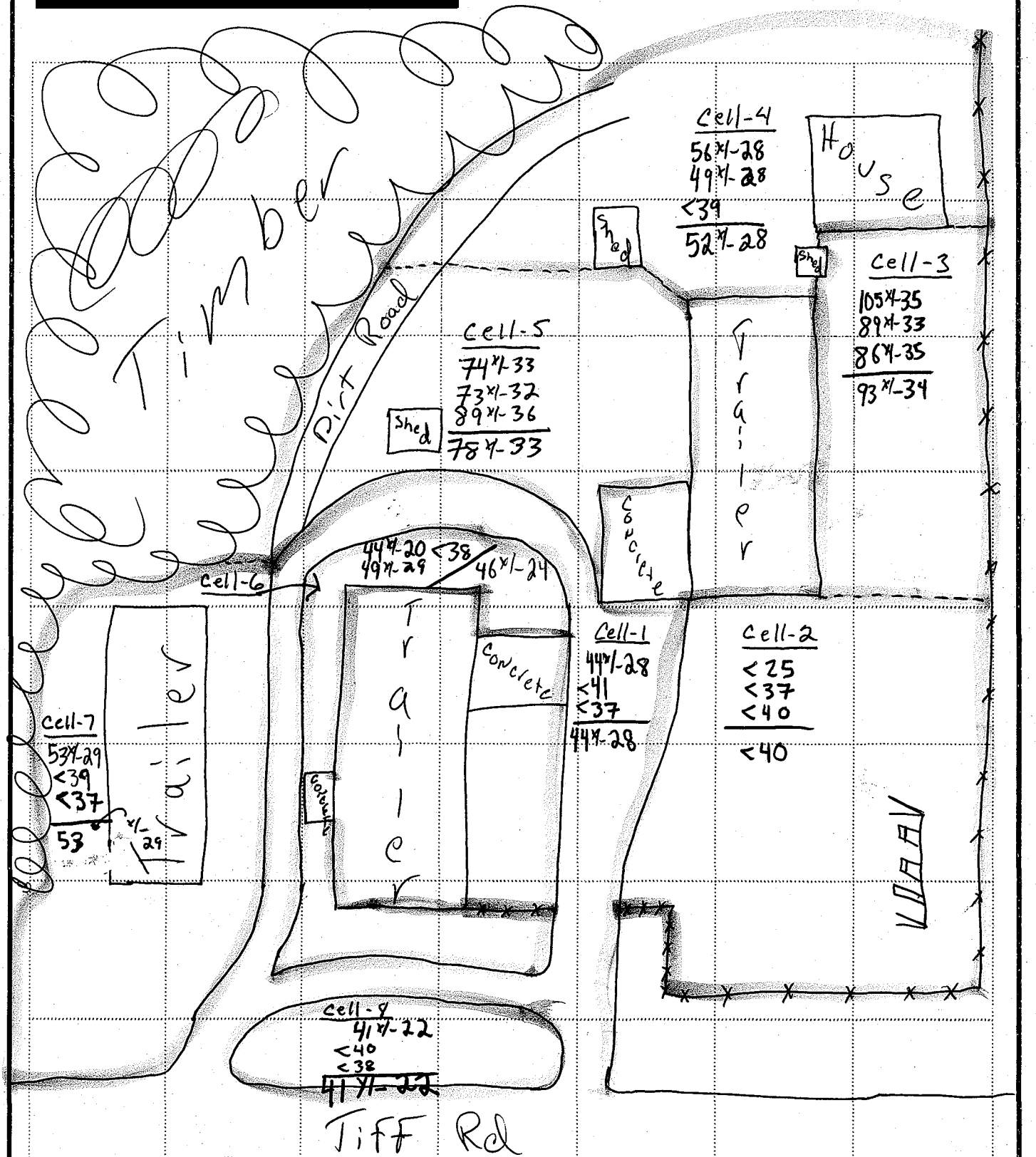
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20569 Study Area # 9

Date(s): 12-5-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMS 12-7-05
Post-Removal:		



Landlord Contact Information

Telephone No.:_____ Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

GPS Coordinates:	Latitude 37.98612	Longitude 90.67046

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 11 (3-4-6-13-12-17-46-49-25-34-86)

Number of children less than 6 years old using well 3

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

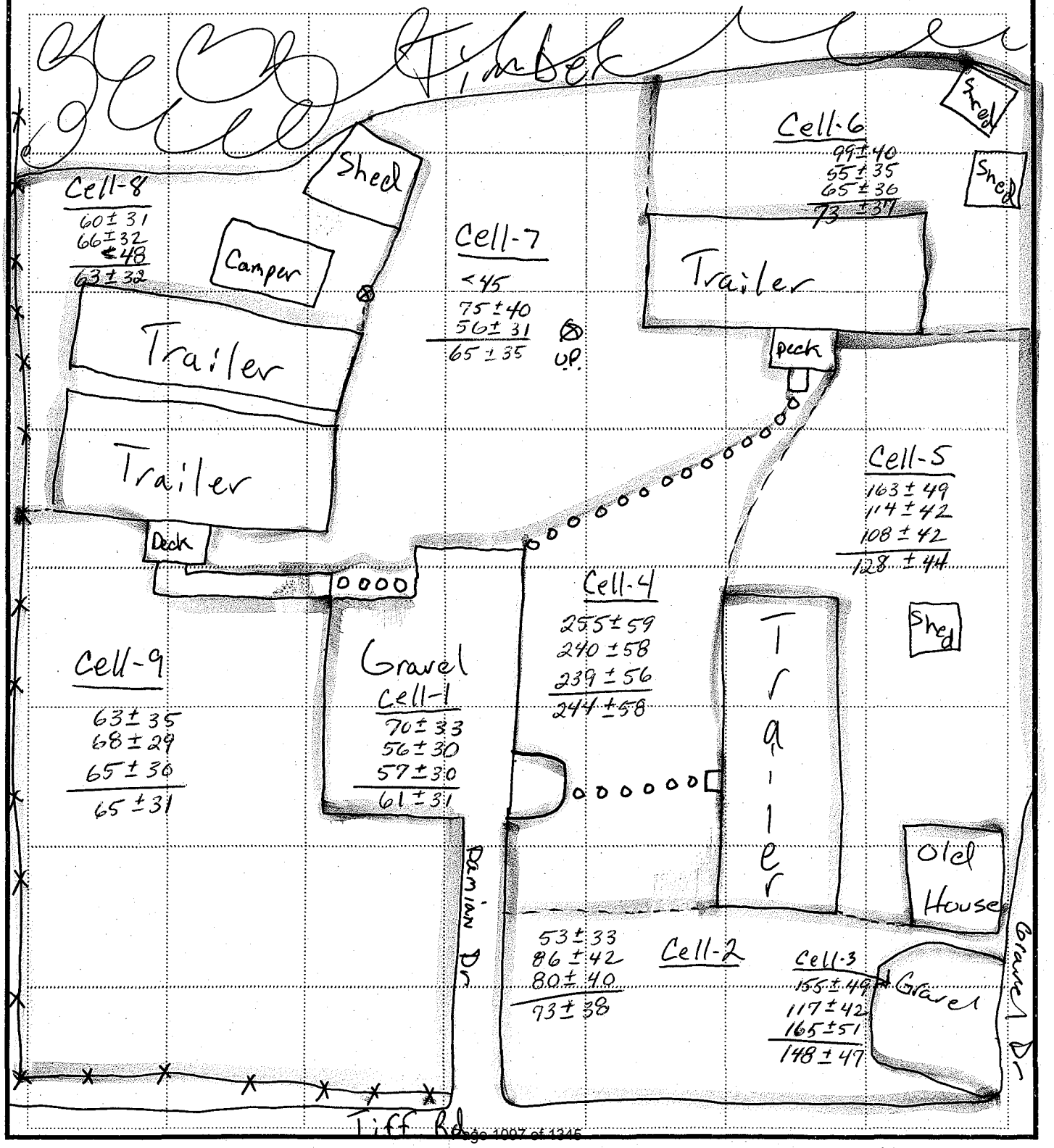
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20570 Study Area # 9

[redacted]

Date(s): sampled 12-5-05
lab analysis 12-7-05

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#61	CM
Post-Removal:		



Landlord Contact Information

Telephone No.:_____ Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Blue Trailer is the owner 2 other trailers on property Need to test all

GPS Coordinates:	Latitude 37.98703	Longitude -90.670453

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 13 (64-59-34-34-16-2)

Number of children less than 6 years old using well 1

Depth of well (if known) NO

Treatment system in use NO Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

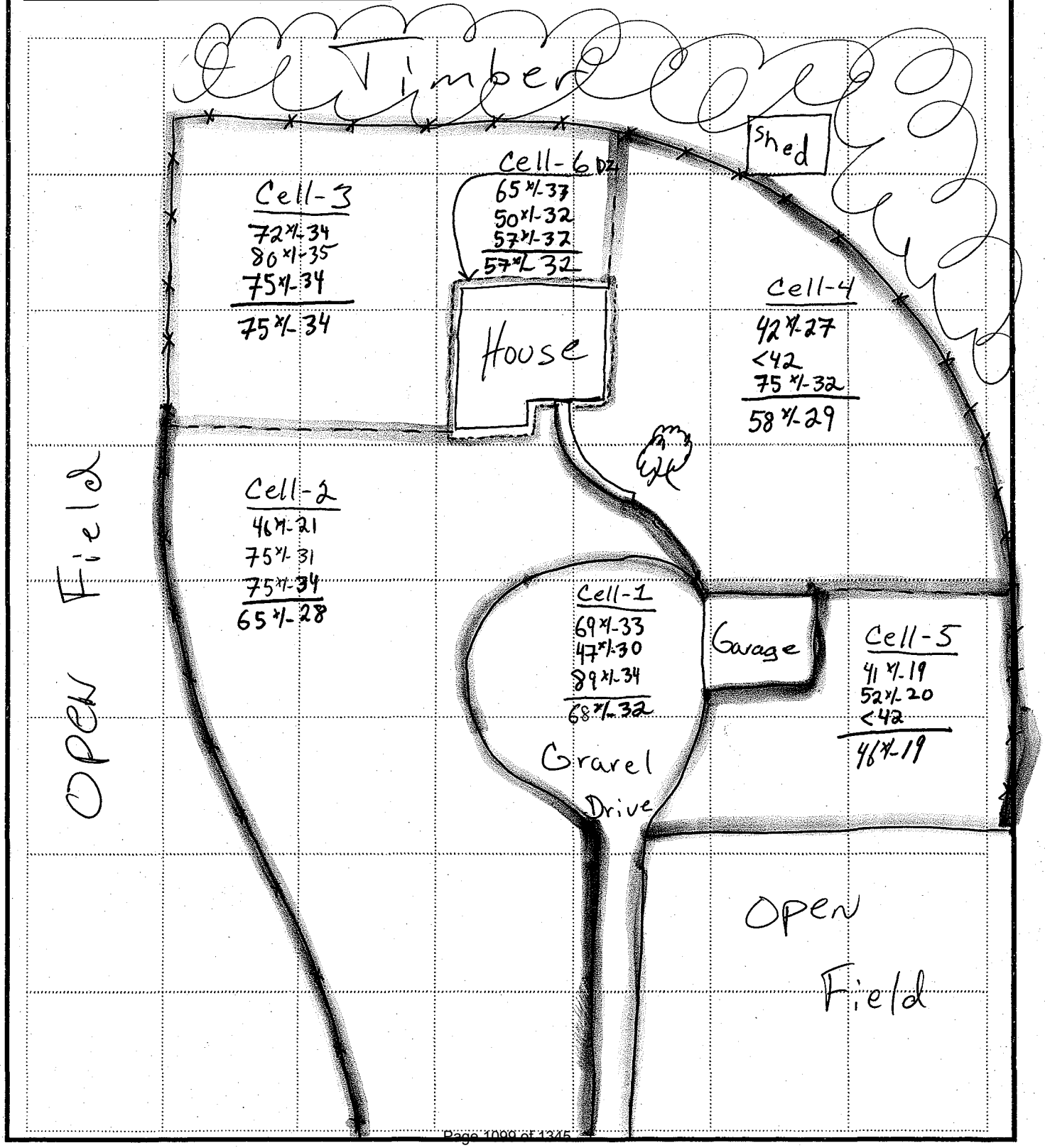
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20571 **Study Area #** 9

Date(s): 12-05-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMB
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

White House Blue Shutters road is called Bittersweet

Need to call so she can unlock Gate

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 1 (99)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

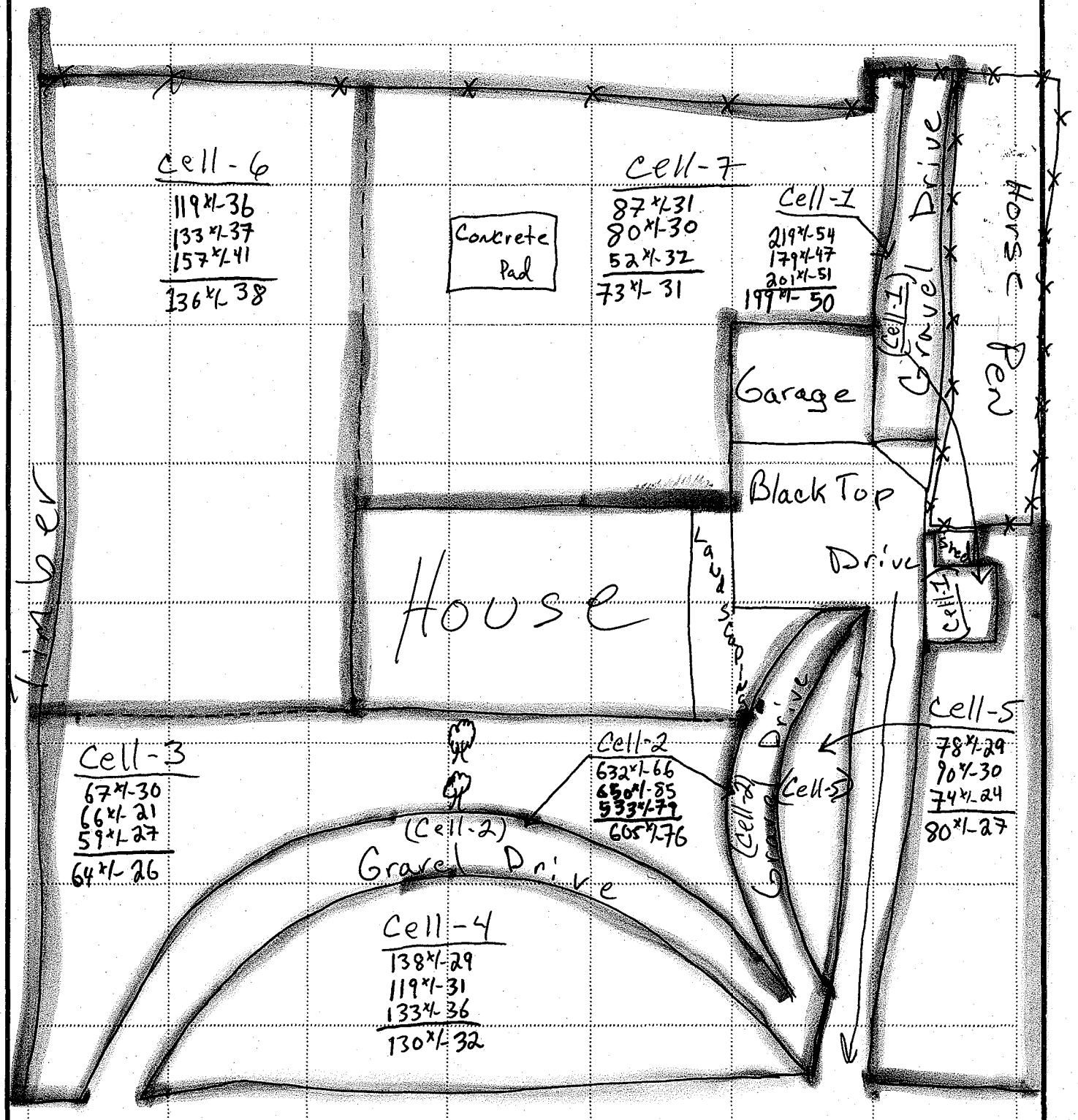
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20572 Study Area # 9

Date(s): 12-5-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	NMG 11-7-05
Post-Removal:		



Landlord Contact Information

Telephone No.:_____ Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Red wood siding left side of 47 East Tiff Rd

GPS Coordinates:	Latitude	Longitude

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 1 (47)

Number of children less than 6 years old using well 0

Depth of well (if known) 140

Treatment system in use ~~no~~ yes Type (filter, softener, etc.)

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

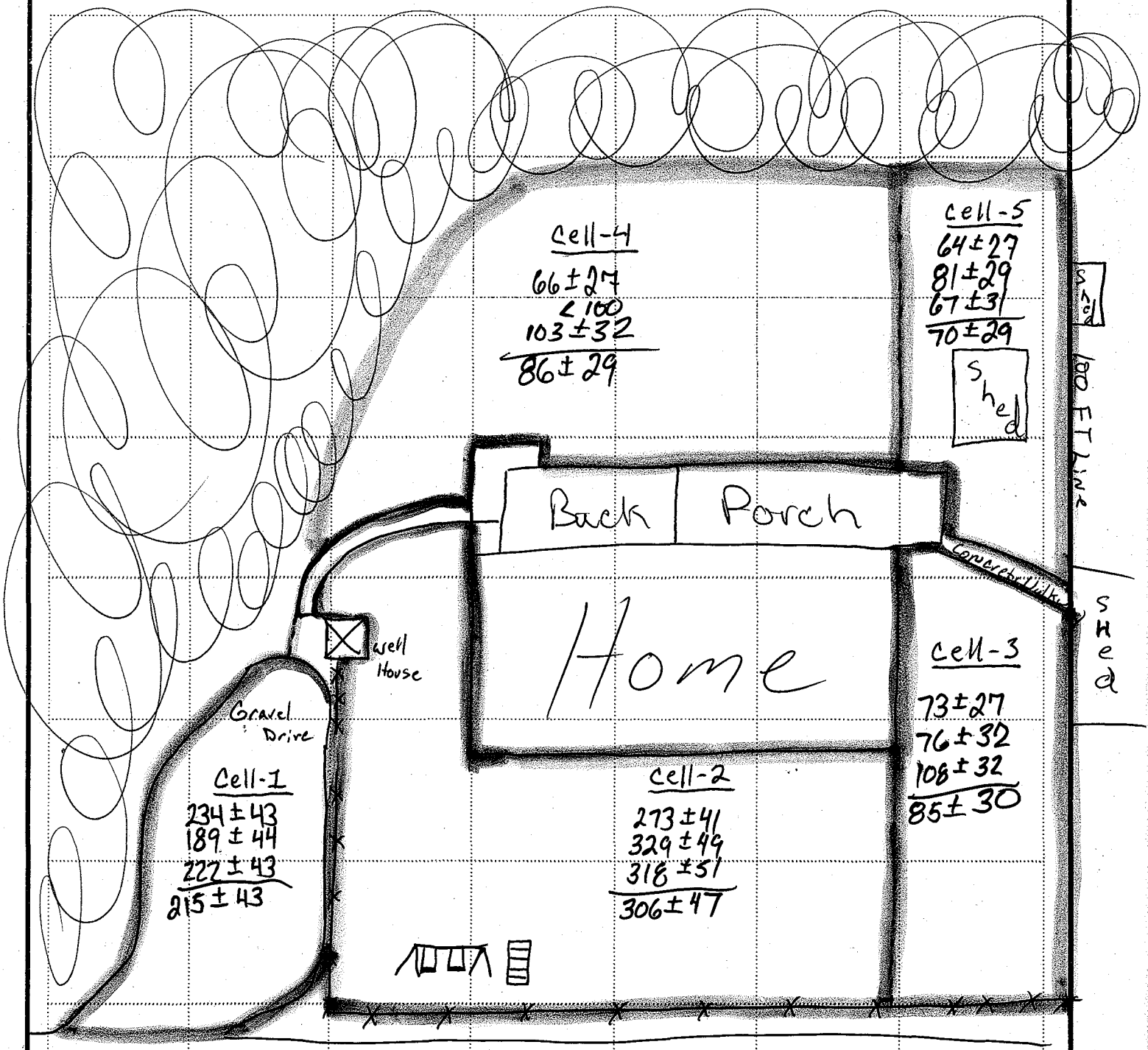
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20573 Study Area # 9

Date(s): 12-7-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	RJ
Post-Removal:		



Landlord Contact Information

Telephone No.:_____ Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

Earth Home Blue Swing Set in Front yard on left side of 47

GPS Coordinates:	Latitude 37.98347	Longitude -90.67163

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (53-58)

Number of children less than 6 years old using well 0

Depth of well (if known) NO

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

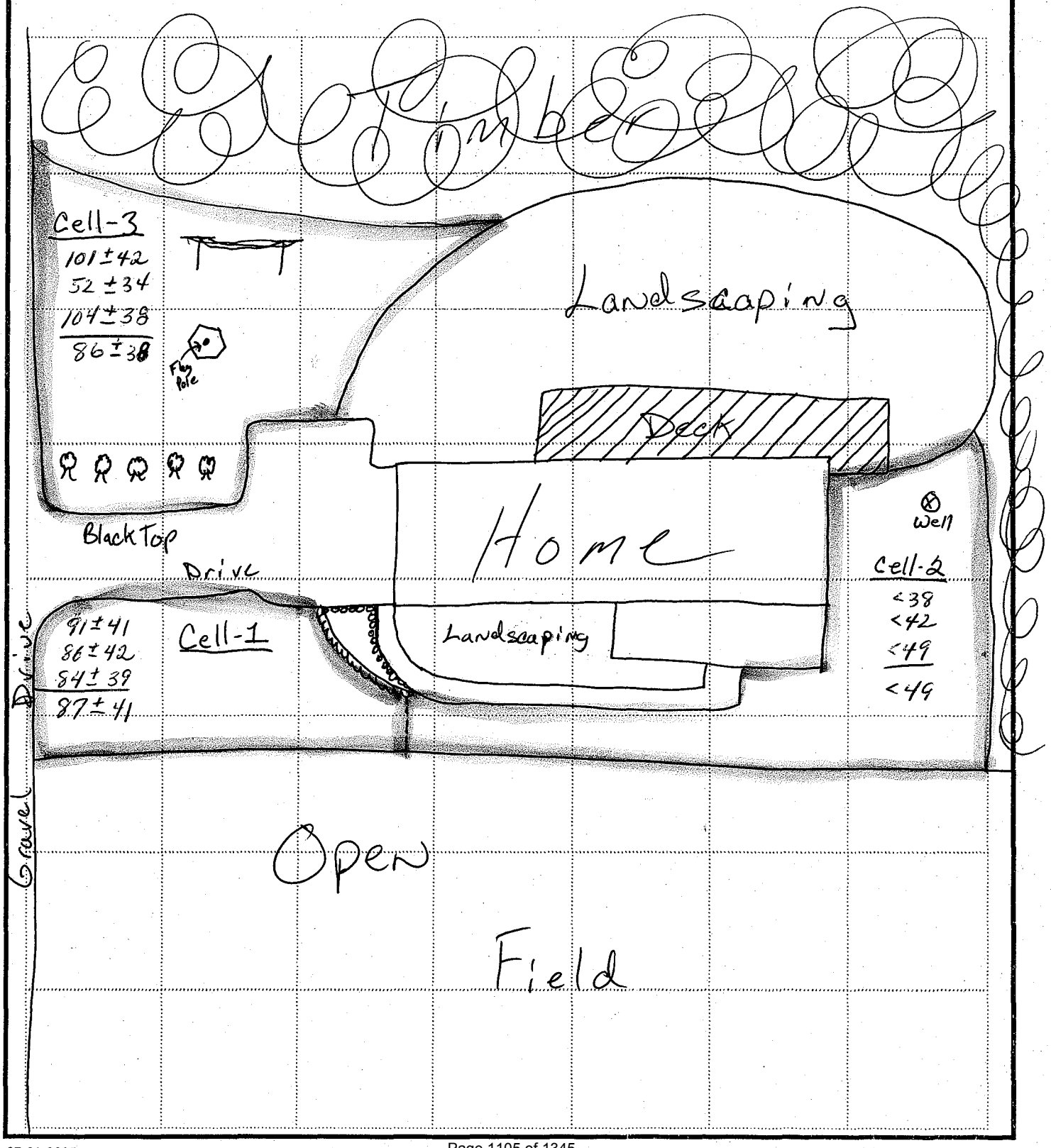
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form 9
EPA Site # 20589 **Study Area #** _____

Date(s): Sampled 12-5-05
Lab analysis 12-7-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#61	CM
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*

GPS Coordinates:	Latitude 37.98861	Longitude -90.66020

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (62-60)

Number of children less than 6 years old using well

Depth of well (if known) ~300 ft

Treatment system in use: YES Type *(filter, softener, etc.)*

Groundwater Sampling Locations

hydrant by wellhead (south side of home)

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

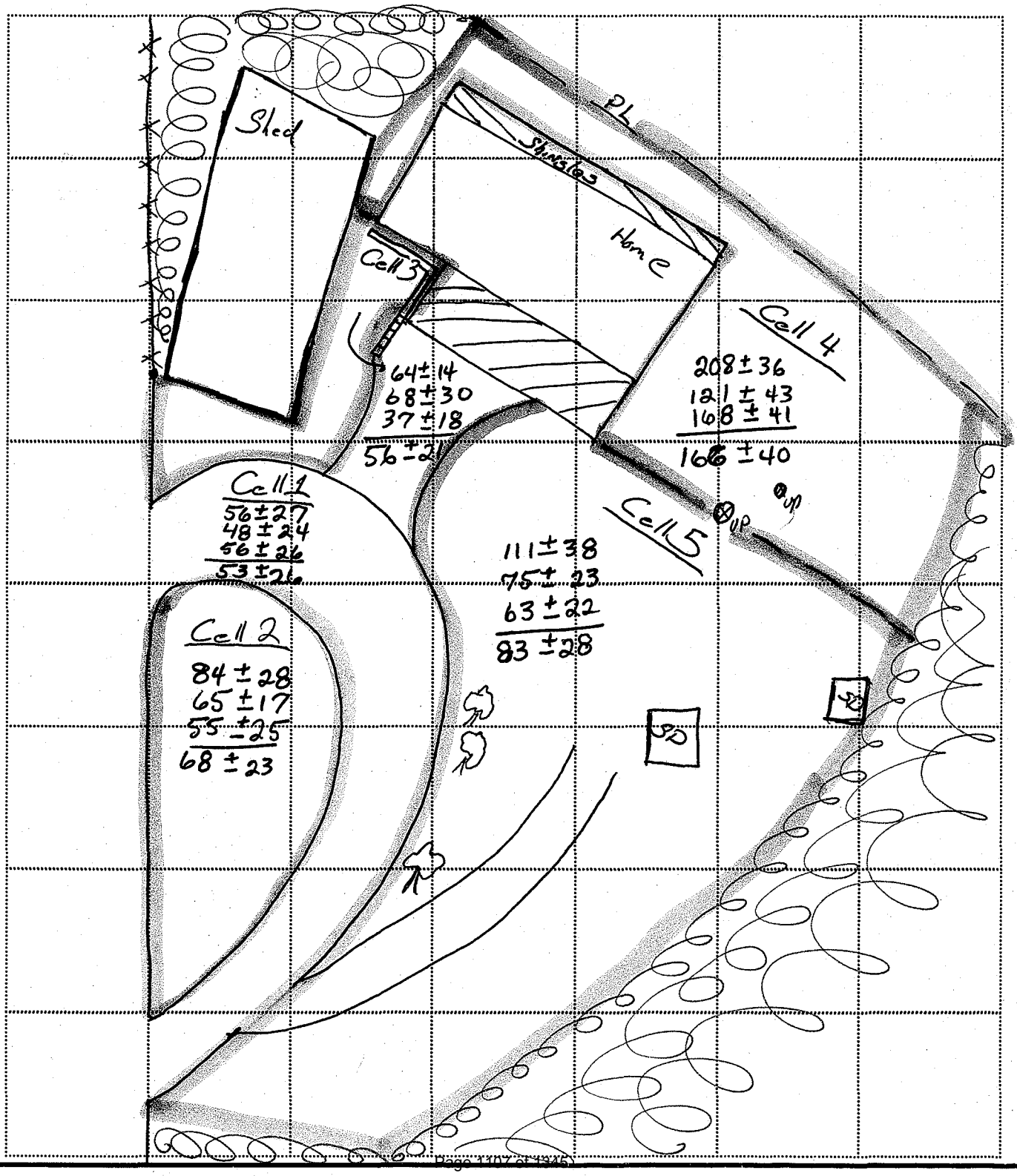
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20619 **Study Area #** 9

Date(s): 12/7/2005

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#58	CM 12-13-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
earth-contact cinderblock home w/ white shingle roof - N side of Hacksaw Rd

GPS Coordinates:	Latitude 38.00221	Longitude -90.65487

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (50, 47)

Number of children less than 6 years old using well 0

Depth of well (if known) 280 ft

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

Kitchen sink - CALL BEFORE SAMPLING

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

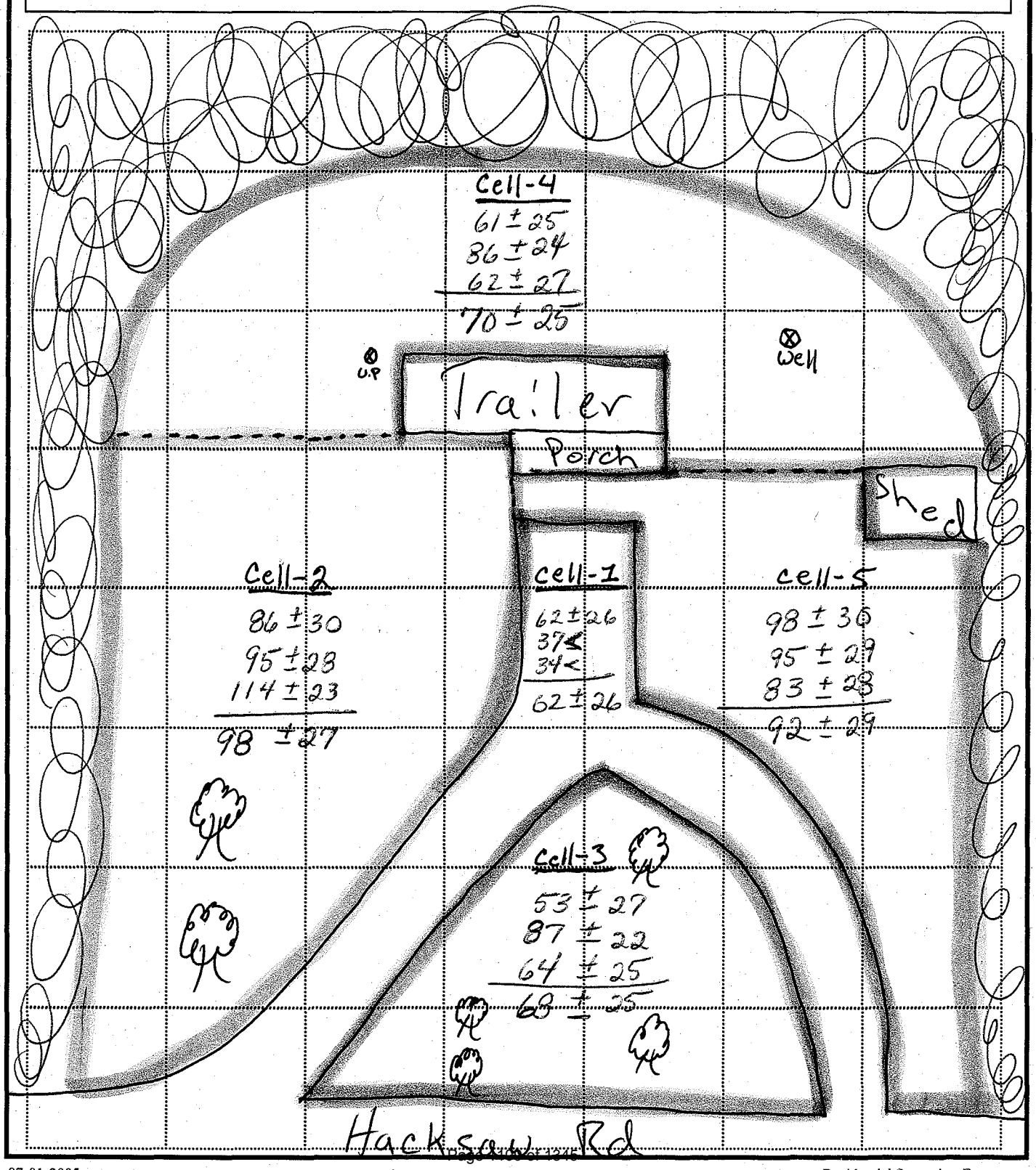
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20620 **Study Area #** 9

Date(s): 12-02-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	#58	CM 12-12-05
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage if possible)*
dk brown trailer w/ corregated ~~aluminum~~ metal skirt - has attached room/porch with cream colored siding - shed w/ cream colored siding in yard - S side of Hacksaw Rd

GPS Coordinates:	Latitude 38.00189	Longitude -90.65553

Does this property have a private drinking water well? Yes No Unknown

If yes, total number of residents served by well 2 (34, 33)

Number of children less than 6 years old using well

Depth of well (if known) 300 ft

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations hydrant in side yard

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

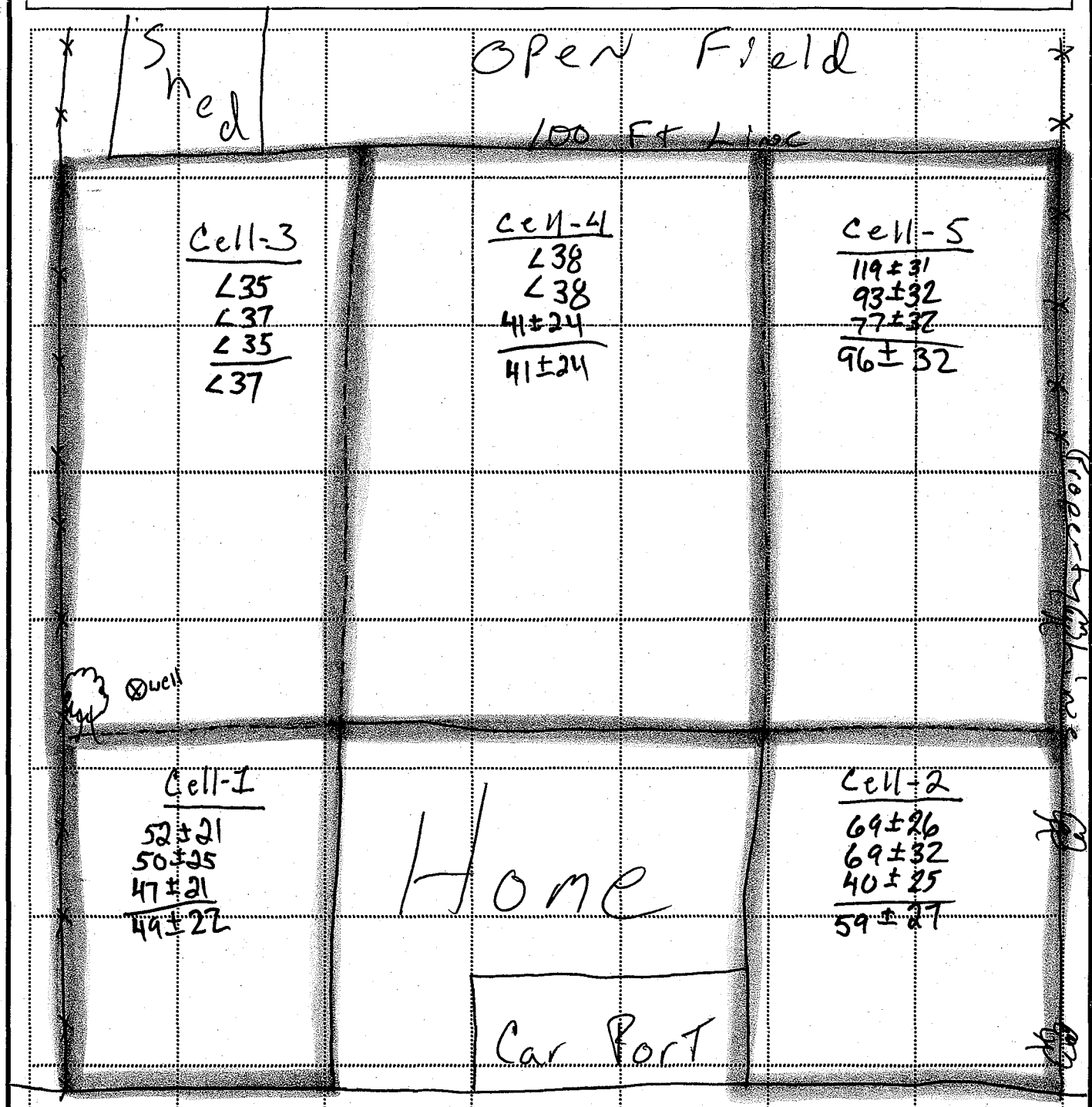
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20621 **Study Area #** 9

Date(s): 12-07-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
lt. tan house with big covered front porch and carport - American flag on front porch - address on carport - E side of Hacksaw Rd.

GPS Coordinates:	Latitude 37.00355	Longitude -90.656103

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well 2 (63, 65)

Number of children less than 6 years old using well

Depth of well (if known) 265 ft

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

hydrant behind house

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

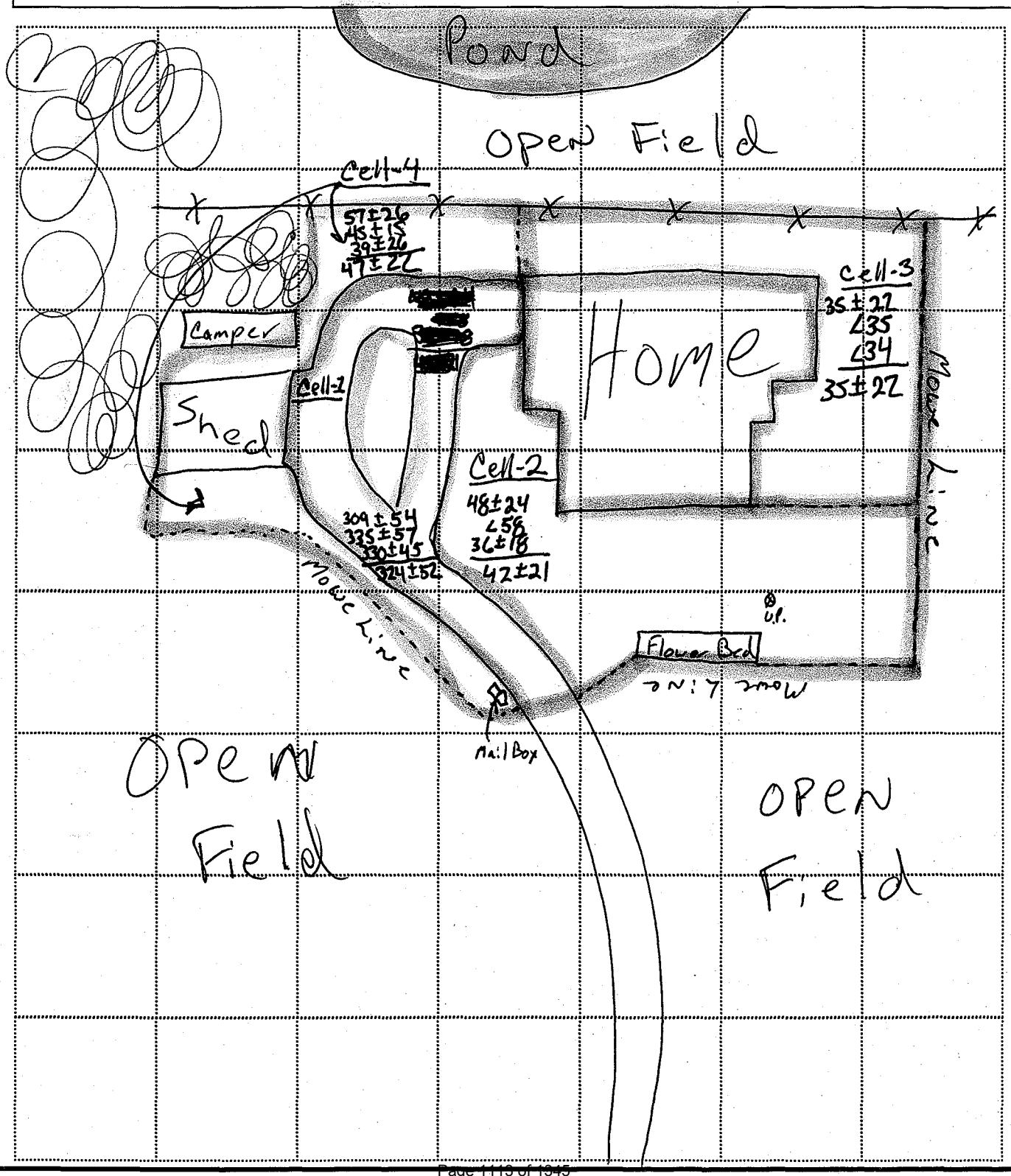
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20622 **Study Area #** 9

Date(s): 12-17-05

[redacted]

	XRF I.D.	Operator
In-Situ Results:		
Screening Results:	58	DJ
Post-Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
reddish-purple trailer/house at end of Hacksaw Rd

GPS Coordinates:	Latitude 38.005874	Longitude -90.656601

Does this property have a private drinking water well? (Yes) No Unknown

If yes, total number of residents served by well

Number of children less than 6 years old using well 6 (59, 58[illegible], 39, 12, [illegible]10)

Depth of well (if known) 365 ft

Treatment system in use	NO	Type *(filer, softener, etc.)*

Groundwater Sampling Locations

spigot in front of barn

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

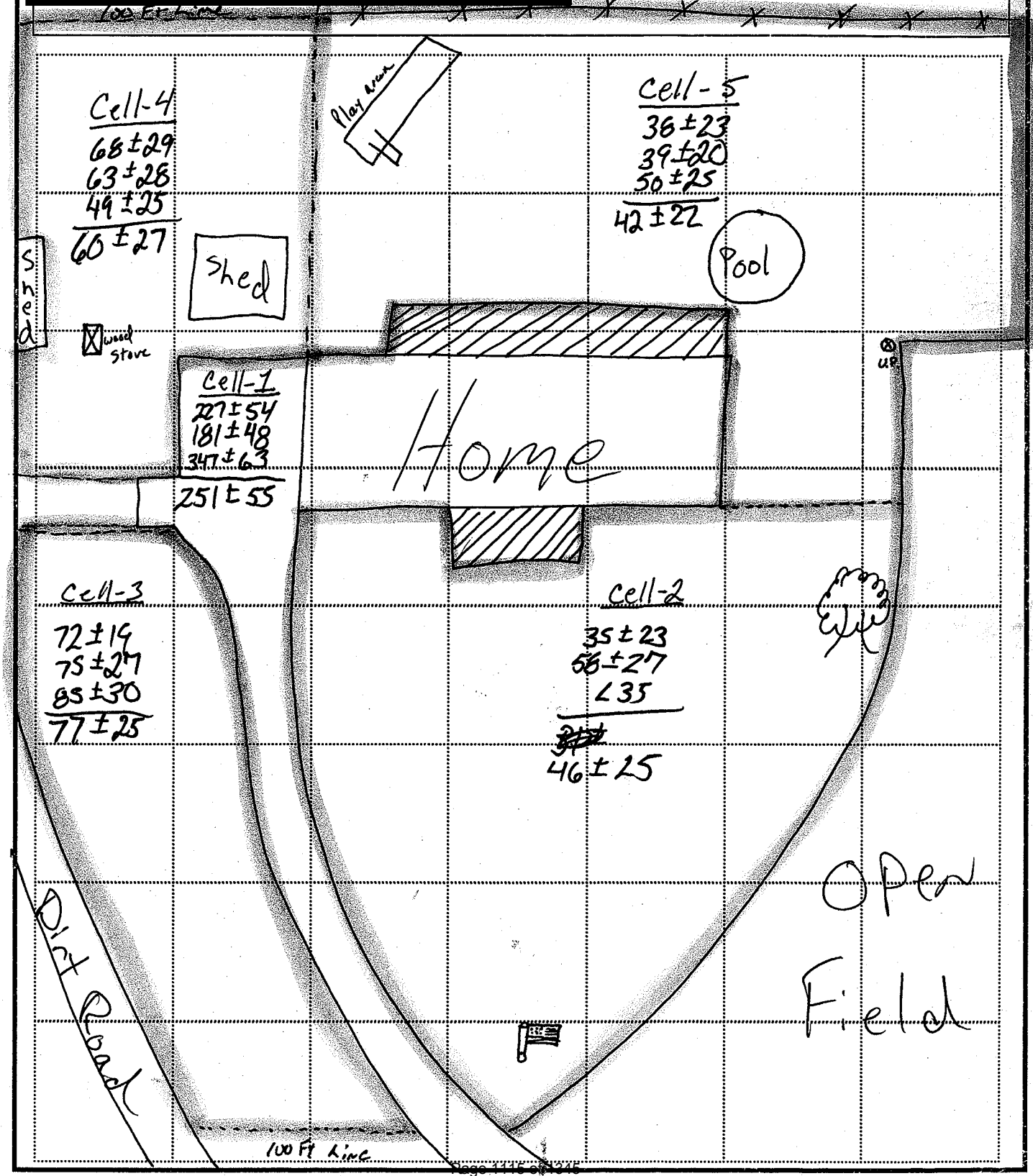
Comments/Observations

RSE of the Washington County Lead District - Potosi Area Site
Residential Property Screening Form
EPA Site # 20623 **Study Area #** 9

Date(s): 12-15-05

[redacted]

	XRF I.D.	Operator
Results:		
Results:	58	DJ
Removal:		



Landlord Contact Information

[redacted] Name: _____

Address: _____

City: _____ Zip: _____

Physical Description of House or Property *(include estimate of acreage, if possible)*
~~reddish purple trailer house at end of Hacksaw Rd~~
white double-wide modular home with black shutters at end of Hacksaw Rd – flag pole in front yard

GPS Coordinates:	Latitude 38.00459	Longitude -90.657248

Does this property have a private drinking water well? Yes (No) Unknown

If yes, total number of residents served by well

Number of children less than 6 years old using well

Depth of well (if known)

Treatment system in use		Type *(filer, softener, etc.)*

Groundwater Sampling Locations

NO GW SAMPLE – trailer is plumbed into father's house [redacted] EPA# 20622)

Description of historic mining activities or mining material *(e.g., tailings, chat, tiff)* present on the property

Comments/Observations

APPENDIX D

REMOVAL SITE EVALUATION FORM

(6 Pages)

SUPERFUND REMOVAL SITE EVALUATION
and
REMOVAL PRELIMINARY ASSESSMENT

I. SITE NAME AND LOCATION:

NAME: Washington County Lead District – Potosi Area site

ADDRESS OR OTHER LOCATION IDENTIFIER: 201, 205, and 209 Lindy Boulevard

CITY: Potosi	**STATE:** Missouri	**ZIP:** 63664

DIRECTIONS TO SITE: From Interstate 270 in St. Louis , Missouri, take Interstate 55 south to Exit 174 (Highway 67). Take Highway 67 south to Desloge (about 27 miles). In Desloge, take Highway 8 west to the Washington County Lead District – Potosi Area site (about 15 miles).

MAP ATTACHED: See Figure 1 with RSE Report

II. PROGRAM CONTACTS:

REQUESTED BY: Jeff Weatherford	**DATE OF REQUEST:** 9/13/2005

AGENCY/OFFICE: US EPA Region 7 Superfund Division

MAILING ADDRESS: 901 N. 5th Street

CITY: Kansas City	**STATE:** Kansas	**ZIP:** 66101
TELEPHONE: (636) 587-2215	**FAX:** (636) 587-9674	

EVALUATOR: Dave Gray

AGENCY/OFFICE: Tetra Tech EM Inc.

MAILING ADDRESS: 8030 Flint Street

CITY: Lenexa	**STATE:** Kansas	**ZIP:** 66214
TELEPHONE: (913) 495-3950	**FAX:** (913) 894-6295	

III. REMOVAL SITE EVALUATION CRITERIA [40 CFR 300.410(e)]

IS THERE A RELEASE AS DEFINED BY THE NCP: **YES X or NO __**

EXPLAIN: A release of metals contamination (primarily lead) to soil and groundwater has occurred.

*(A **RELEASE** is defined as any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment of barrels, containers, and other closed receptacles containing any hazardous substances or pollutant or contaminant), but excludes: workplace exposures; engine exhaust emissions; nuclear releases otherwise regulated; and the normal application of fertilizer. For purposes of the NCP, release also means threat of release.)*

IS THE SOURCE A FACILITY OR VESSEL AS DEFINED BY THE NCP: **YES X or NO __**

EXPLAIN: The area where the metals contamination was released is considered a facility as defined by the NCP.

*(A **FACILITY** is defined as any building, structure, installation, equipment, pipe or pipeline (including any pipe into a sewer or POTW), well, pit, pond, lagoon, impoundment, ditch, landfill, storage container, motor vehicle, rolling stock, or aircraft or any site or area, where a hazardous substance has been deposited, stored, disposed of, or placed, or otherwise come to be located; but does not include any consumer product in consumer use or any vessel. A **VESSEL** is defined as any description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water other than a public vessel.)*

SUPERFUND REMOVAL SITE EVALUATION
and
REMOVAL PRELIMINARY ASSESSMENT

DOES THE RELEASE INVOLVE A HAZARDOUS SUBSTANCE, OR POLLUTANT OR CONTAMINANT AS DEFINED BY THE NCP: **YES X or NO __**

EXPLAIN: Lead contamination from mining-related wastes is considered a hazardous substance as defined by the NCP.

*(A **HAZARDOUS SUBSTANCE** means any substance, element, compound, mixture, solution, hazardous waste, toxic pollutant, hazardous air pollutant, or imminently hazardous chemical substance or mixture designated pursuant to the CWA, CERCLA, SDWA, CAA or TSCA. The term does not include petroleum products, natural gas, natural gas liquids, liquefied natural gas, synthetic gas or mixtures of natural and synthetic gas. The definition of **POLLUTANT or CONTAMINANT** includes, but is not limited to, any element, substance, compound, or mixture, including disease-causing agents, which after release into the environment and upon exposure, ingestion, inhalation, or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains, will or may reasonably be anticipated to cause death, disease, behavioral abnormalities, cancer, genetic mutation, physiological malfunctions or physical deformations, in such organisms or their offspring. The term does not include petroleum products, natural gas, natural gas liquids, liquefied natural gas, synthetic gas or mixtures of natural and synthetic gas).*

IS THE RELEASE SUBJECT TO THE LIMITATIONS ON RESPONSE: **YES __ or NO X**

EXPLAIN: The release does not meet criteria for limitations on response.

*(The **LIMITATIONS ON RESPONSE** provisions of the NCP (40 CFR 300.400(B) states that removals shall not be undertaken in response to a release: of a naturally occurring substance in its unaltered or natural form; from products that are a part of the structure of, and result in exposure within, residential buildings or business or community structures; or into public or private drinking water supplies due to deterioration of the system through ordinary use.)*

DOES THE QUANTITY OR CONCENTRATION WARRANT RESPONSE: **YES X or NO __**

EXPLAIN: Based on the quantity of residential properties where surface soils and/or drinking water supply have been impacted by former mining operations, follow-up Superfund response may be warranted.

HAS A PRP BEEN IDENTIFIED: **YES or NO X__**

EXPLAIN: EPA Region 7 is conducting title searches of heavily contaminated properties to identify PRPs.

IV. CONDITIONS TO WARRANT REMOVAL [40 CFR 300.415(b)(2)]:

ACTUAL OR POTENTIAL EXPOSURE TO HAZARDOUS SUBSTANCES, POLLUTANTS, OR CONTAMINANTS: **YES X or NO __**

EXPLAIN: A release of hazardous substances to residential soils and drinking water has occurred, as evidenced by analytical results of samples collected from the site by the Missouri Department of Natural Resources (MDNR) in June 2005, and Tetra Tech START from July 2005 to February 2006; the potential for human exposure to elevated levels of metals (primarily lead) exists at the site.

ACTUAL OR POTENTIAL CONTAMINATION OF DRINKING WATER SUPPLIES: **YES X or NO__**

EXPLAIN: Of the 573 drinking water wells sampled at the site, analytical results indicate that 97 wells (17 percent) contain metals contamination (primarily lead) that exceed regulatory action levels.

SUPERFUND REMOVAL SITE EVALUATION
and
REMOVAL PRELIMINARY ASSESSMENT

HAZARDOUS SUBSTANCES, POLLUTANTS, OR CONTAMINANTS IN DRUMS, BARRELS, OR BULK STORAGE CONTAINERS: **YES __ or NO X**

EXPLAIN: The site does not contain hazardous substances stored in bulk storage containers.

HIGH LEVELS OF HAZARDOUS SUBSTANCES, POLLUTANTS, OR CONTAMINANTS IN NEAR-SURFACE SOILS: **YES X or NO __**

EXPLAIN: Of the 911 properties screened by MDNR and START, 468 properties (51 percent) contained lead in surface soils at levels below the EPA Region 9 preliminary remediation goal (PRG) of 400 milligrams per kilogram (mg/kg), 327 residences (36 percent) contained lead between 400 mg/kg and 1,200 mg/kg outside the drip zone, and 116 residences (13 percent) contained lead above 1,200 mg/kg outside the drip zone

CONDITIONS SUSCEPTIBLE TO IMPACT FROM ADVERSE WEATHER CONDITIONS: **YES X or NO__**

EXPLAIN: The extent of soil contamination at the site may be susceptible to impact from adverse weather conditions (i.e. promoting runoff of contaminants from the site)

THREAT OF FIRE OR EXPLOSION: **YES __ or NO X**

EXPLAIN:. No threat of fire or explosion exists at the site.

POTENTIAL FOR OTHER FEDERAL OR STATE RESPONSE MECHANISMS: **YES X or NO __**

EXPLAIN: The MDNR Hazardous Waste Program (HWP) and MDNR Environmental Services Program (ESP), have all been involved with contamination issues related to this site.

OTHER SITUATIONS OR FACTORS WHICH POSE A THR EAT: **YES __ or NO X**

EXPLAIN: No other situations or factors exist that could pose a threat.

V. POTENTIAL REMOVAL ACTIONS [40 CFR 300.415(d)]:

(NOTE: The following identifies potential removal actions which may be determined to be appropriate pending further review and study. The proposed actions should be considered preliminary proposals and are subject to change.)

SITE SECURITY: **YES __ or NO X**

EXPLAIN: The site encompasses about 47 square miles of Washington County.

STABILIZATION OR REMOVAL OF SURFACE IMPOUNDMENTS: **YES __ or NO X**

EXPLAIN: No surface impoundments exist at the site.

CAPPING OF CONTAMINATED SOIL: **YES X or NO __**

EXPLAIN: Capping of contaminated soil excavated from residential properties would be required during any future removal action.

USE OF CHEMICALS TO CONTROL/RETARD SPREAD OF CONTAMINATION: **YES __ or NO X**

EXPLAIN: No chemicals would likely be used to control or retard the spread of contamination from site soils as a removal action.

CONTAMINATED SOIL EXCAVATION: **YES X or NO__**

EXPLAIN: Excavation of contaminated soils may be warranted as a removal action.

SUPERFUND REMOVAL SITE EVALUATION
and
REMOVAL PRELIMINARY ASSESSMENT

REMOVAL OF DRUMS, TANKS, OR BULK STORAGE CONTAINERS: **YES __ or NO X**

EXPLAIN: No bulk storage containers are present on site.

CONTAINMENT, TREATMENT, OR DISPOSAL OF HAZARDOUS SUBSTANCES, POLLUTANTS, OR CONTAMINANTS: **YES X or NO __**

EXPLAIN: Disposal of hazardous substances (contaminated soil) may be required.

PROVIDE ALTERNATIVE WATER SUPPLIES: **YES X or NO __**

EXPLAIN: In December 2005, EPA began a removal action to offer bottled water to residents with private drinking water wells that contained arsenic, barium, cadmium, or lead at concentrations above regulatory action levels.

VI. REMOVAL SITE EVALUATION DETERMINATION AND REMOVAL PRELIMINARY ASSESSMENT FINDINGS AND RECOMMENDATIONS:

	REMOVAL NOT WARRANTED—REMOVAL SITE EVALUATION TERMINATED

(Cite one or more of the criteria from SECTION III. REMOVAL SITE EVALUATION CRITERIA, as the basis for the above determination.)

		NOT A RELEASE			NOT A FACILITY OR VESSEL
		NOT A HAZARDOUS SUBSTANCE OR POLLUTANT OR CONTAMINANT			SUBJECT TO RESPONSE LIMITATIONS
		INSUFFICIENT QUANTITY OR CONCENTRATION			WILLING/CAPABLE PRP IDENTIFIED

COMMENT:

X	**REMOVAL RECOMMENDED [__ EMERGENCY X__ TIME-CRITICAL __ NON-TIME-CRITICAL]**

(Cite one or more of the conditions or factors from Section IV. CONDITIONS TO WARRANT A REMOVAL ACTION, as a basis for recommendthat a removal action be conducted.)

	X	EXPOSURE TO HAZARDOUS SUBSTANCES OR POLLUTANTS OR CONTAMINANTS			X	ADVERSE WEATHER IMPACTS
	X	CONTAMINATED DRINKING WATER		FIRE/EXPLOSION THREAT	X	CONTAMINATED SOIL
		DRUMS, BARRELS OR CONTAINERS		NO OTHER RESPONSE MECHANISM		OTHER FACTORS

(Identify one or more of the removal actions listed in Section V. REMOVAL ACTIONS WHICH MAY BE APPROPRIATE, as examples of the types of response actions which are recommended.)

		SITE SECURITY		DRAINAGE CONTROL		IMPOUNDMENT STABILIZATION
		REMOVAL OF DRUMS, BARRELS, ETC.	X	SOIL CAPPING	X	SOIL EXCAVATION
	X	CONTAIN/TREAT/DISPOSE OF WASTES		CHEMICAL CONTROLS	X	ALT. DRINKING WATER SUPPLIES

COMMENT:

	ADDITIONAL REMOVAL SITE EVALUATION RECOMMENDED

(Cite one or more of the conditions or factors from Section IV. CONDITIONS TO WARRANT A REMOVAL ACTION, as a basis for recommending that additional site evaluation be performed.)

		EXPOSURE TO HAZARDOUS SUBSTANCES OR POLLUTANTS OR CONTAMINANTS				ADVERSE WEATHER IMPACTS
		CONTAMINATED DRINKING WATER		FIRE/EXPLOSION THREAT		CONTAMINATED SOIL
		DRUMS, BARRELS OR CONTAINERS		NO OTHER RESPONSE MECHANISM		OTHER FACTORS

(Identify one or more of the removal actions listed in Section V. REMOVAL ACTIONS WHICH MAY BE APPROPRIATE, as examples of the types of response actions which may be appropriate pending the results of further site evaluation.)

		SITE SECURITY		DRAINAGE CONTROL		IMPOUNDMENT STABILIZATION
		REMOVAL OF DRUMS, BARRELS, ETC.		SOIL CAPPING		SOIL EXCAVATION
		CONTAIN/TREAT/DISPOSE OF WASTE		CHEMICAL CONTROLS		ALTERNATIVE DRINKING WATER SUPPLIES

COMMENT:

SUPERFUND REMOVAL SITE EVALUATION
and
REMOVAL PRELIMINARY ASSESSMENT

VII. ADDITIONAL INFORMATION OR COMMENTS:

EPA USE ONLY

VIII. CERTIFICATION

SIGNATURE: **DATE:**
POSITION/TITLE:
OFFICE/AGENCY:

SUPERFUND REMOVAL SITE EVALUATION
and
REMOVAL PRELIMINARY ASSESSMENT
(Supplemental Waste Inventory Sheet)

IX. HAZARDOUS SUBSTANCES, POLLUTANTS OR CONTAMINANT INFORMATION:

MATERIAL DESCRIPTION	CONTAINER INFORMATION					
TRADE NAME/ACTIVE INGREDIENTS	NUMBER of CONTAINERS	SIZE	TYPE	SOLID or LIQUID	% FULL	CONDITION

ATTACHMENT

EPA REGION 7 ANALYTICAL DATA PACKAGES

(221 Pages)

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date:

Subject: Transmittal of Sample Analysis Results for ASR #: 2801

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jeff Weatherford
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition memo for this ASR.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Jeff Weatherford **Org:** SUPR/ER&R **Phone:** 913-551-7695

Project ID: JWA78D00

Project Desc: Washington County Pb District - Potosi Area

Location: Potosi **State:** Missouri **Program:** Superfund

Site Name: Washington Pb District (Potosi Area) - Removal site Evaluation - Removal Site Evaluation **Site ID:** A78D **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample
FD = Field Duplicate

Units: Specific units in which results are reported.

mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1	__	Solid	EPA #20418, C-15		10/13/2005	13:19			10/25/2005
2	__	Solid	EPA #20418, C-4		10/13/2005	10:38			10/25/2005
3	__	Solid	EPA #20418, C-46		10/13/2005	14:25			10/25/2005
4	__	Solid	EPA #20418, C-8		10/13/2005	11:16			10/25/2005
5	__	Solid	EPA #20418, C-17		10/13/2005	12:31			10/25/2005
6	__	Solid	EPA #20343, C-3		10/13/2005	18:04			10/25/2005
7	__	Solid	EPA #20342, C-3		10/13/2005	10:15			10/25/2005
8	__	Solid	EPA #20364, C-3		10/13/2005	17:23			10/25/2005
9	__	Solid	EPA #20330, C-4		10/13/2005	17:39			10/25/2005
10	__	Solid	EPA #20363, C-4		10/08/2005	16:15			10/25/2005
11	__	Solid	EPA #20324, C-6		10/12/2005	10:09			10/25/2005
12	__	Solid	EPA #20370, C-6		10/12/2005	14:00			10/25/2005
13	__	Solid	EPA #20234, C-1		10/08/2005	13:20			10/25/2005
14	__	Solid	EPA #20234, C-3		10/08/2005	13:24			10/25/2005
15	__	Solid	EPA #20236, C-5		10/08/2005	14:33			10/25/2005
16	__	Solid	EPA #20342, C-2		10/13/2005	10:15			10/25/2005
17	__	Solid	EPA #20235, C-3		10/08/2005	13:26			10/25/2005
18	__	Solid	EPA #20454, C-5		10/12/2005	11:50			10/25/2005
19	__	Solid	EPA #20236, C-4		10/08/2005	14:34			10/25/2005
20	__	Solid	EPA #20321, C-7		10/13/2005	09:17			10/25/2005
21	__	Solid	EPA #20237, C-6		10/08/2005	13:22			10/25/2005
22	__	Solid	EPA #20454, C-1		10/12/2005	12:20			10/25/2005
23	__	Solid	EPA #20324, C-2		10/12/2005	10:35			10/25/2005
24	__	Solid	EPA #20358, C-1		10/12/2005	14:50			10/25/2005
25	__	Solid	EPA #20229, C-3		10/13/2005	08:35			10/25/2005
26	__	Solid	EPA #20345, C-5		10/19/2005	14:33			10/25/2005
27	__	Solid	EPA #20390, C-5		10/19/2005	14:30			10/25/2005
28	__	Solid	EPA #20349, C-1		10/19/2005	14:32			10/25/2005
29	__	Solid	EPA #20300, C-3		10/19/2005	15:33			10/25/2005
30	__	Solid	EPA #20397, C-2		10/19/2005	16:06			10/25/2005
101	__	Water	#20418		10/10/2005	09:55			10/25/2005
101	FD	Water	#20418/Field Duplicate of sample 101		10/10/2005	09:55			10/25/2005
102	__	Water	#20243		10/12/2005	11:35			10/25/2005
102	FD	Water	#20243/Field Duplicate of sample 102		10/12/2005	11:35			10/25/2005
103	__	Water	#20328		10/12/2005	15:35			10/25/2005
103	FD	Water	#20328/Field Duplicate of sample 103		10/12/2005	15:35			10/25/2005
104	__	Water	#20297		10/06/2005	15:45			10/25/2005
104	FD	Water	#20297/Field Duplicate of sample 104		10/06/2005	15:45			10/25/2005
105	__	Water	#20234		10/06/2005	10:00			10/25/2005
106	__	Water	#20291		10/12/2005	15:42			10/25/2005
107	__	Water	#20274		10/13/2005	11:20			10/25/2005
108	__	Water	#20397		10/11/2005	15:12			10/25/2005

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
109 - __		Water	#20342		10/10/2005	12:40			10/25/2005
110 - __		Water	#20272		10/10/2005	11:15			10/25/2005
111 - __		Water	#20321		10/11/2005	13:05			10/25/2005
112 - __		Water	#20355		10/12/2005	09:00			10/25/2005
113 - __		Water	#20509		10/07/2005	17:00			10/25/2005
114 - __		Water	#20358		10/10/2005	10:40			10/25/2005
115 - __		Water	#20331		10/12/2005	14:15			10/25/2005
116 - __		Water	#20343		10/12/2005	10:36			10/25/2005
117 - __		Water	#20344		10/11/2005	16:50			10/25/2005
118 - __		Water	#20454		10/10/2005	16:54			10/25/2005
119 - __		Water	#20500		10/11/2005	14:05			10/25/2005
120 - __		Water	#20241		10/07/2005	13:42			10/25/2005
121 - __		Water	#20380		10/20/2005	09:25			10/25/2005
122 - __		Water	#20436		10/20/2005	16:24			10/25/2005
123 - __		Water	#20432		10/20/2005	13:32			10/25/2005
201 - __		Water	#20418		10/10/2005	09:55			10/25/2005
201 - FD		Water	#20418/Field Duplicate of sample 201		10/10/2005	09:55			10/25/2005
202 - __		Water	#20328		10/12/2005	15:35			10/25/2005
202 - FD		Water	#20328/Field Duplicate of sample 202		10/12/2005	15:35			10/25/2005
203 - __		Water	#20243		10/12/2005	09:16			10/25/2005
203 - FD		Water	#20243/Field Duplicate of sample 203		10/12/2005	09:16			10/25/2005
204 - __		Water	#20297		10/06/2005	15:47			10/25/2005
204 - FD		Water	#20297/Field Duplicate of sample 204		10/06/2005	15:47			10/25/2005
205 - __		Water	#20355		10/12/2005	12:44			10/25/2005
206 - __		Water	#20364		10/12/2005	16:34			10/25/2005
207 - __		Water	#20500		10/11/2005	11:15			10/25/2005
208 - __		Water	#20343		10/12/2005	10:14			10/25/2005
209 - __		Water	#20332		10/12/2005	13:01			10/25/2005
210 - __		Water	#20329		10/12/2005	14:55			10/25/2005
211 - __		Water	#20390		10/11/2005	16:02			10/25/2005
212 - __		Water	#20325		10/12/2005	09:15			10/25/2005
213 - __		Water	#20321		10/11/2005	13:00			10/25/2005
214 - __		Water	#20285		10/13/2005	14:47			10/25/2005
215 - __		Water	#20274		10/13/2005	13:53			10/25/2005
216 - __		Water	#20291		10/12/2005	09:34			10/25/2005
217 - __		Water	#20300		10/12/2005	11:41			10/25/2005
218 - __		Water	#20345		10/12/2005	10:36			10/25/2005
219 - __		Water	#20349		10/12/2005	11:11			10/25/2005
220 - __		Water	#20344		10/11/2005	16:45			10/25/2005
221 - __		Water	#20298		10/12/2005	16:40			10/25/2005
222 - __		Water	#20366		10/12/2005	14:22			10/25/2005
223 - __		Water	#20286		10/12/2005	13:35			10/25/2005

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
224 - __		Water	#20331		10/12/2005	14:10			10/25/2005
225 - __		Water	#461		10/04/2005	15:30			10/25/2005
226 - __		Water	#20327		10/12/2005	08:32			10/25/2005
227 - __		Water	#20289		10/13/2005	09:21			10/25/2005
228 - __		Water	#20229		10/07/2005	14:24			10/25/2005
229 - __		Water	#20330		10/12/2005	14:20			10/25/2005
230 - __		Water	#20276		10/06/2005	16:30			10/25/2005
231 - __		Water	#20234		10/06/2005	10:05			10/25/2005
232 - __		Water	#20368		10/10/2005	10:11			10/25/2005
233 - __		Water	#20216		10/10/2005	16:10			10/25/2005
234 - __		Water	#20275		10/07/2005	12:48			10/25/2005
235 - __		Water	#20290		10/07/2005	15:05			10/25/2005
236 - __		Water	#20369		10/10/2005	08:57			10/25/2005
237 - __		Water	#20359		10/06/2005	17:00			10/25/2005
238 - __		Water	#20273		10/10/2005	09:38			10/25/2005
239 - __		Water	#20235		10/06/2005	11:15			10/25/2005
240 - __		Water	#20363		10/06/2005	14:55			10/25/2005
241 - __		Water	#20358		10/10/2005	10:46			10/25/2005
242 - __		Water	#20400		10/06/2005	14:20			10/25/2005
243 - __		Water	#20237		10/06/2005	15:15			10/25/2005
244 - __		Water	#20387		10/12/2005	10:11			10/25/2005
245 - __		Water	#20370		10/10/2005	13:13			10/25/2005
246 - __		Water	#20236		10/06/2005	10:41			10/25/2005
247 - __		Water	#20241		10/07/2005	13:42			10/25/2005
248 - __		Water	#20239		10/07/2005	11:29			10/25/2005
249 - __		Water	#20407		10/07/2005	15:45			10/25/2005
250 - __		Water	#20324		10/10/2005	13:37			10/25/2005
251 - __		Water	#20446		10/10/2005	14:18			10/25/2005
252 - __		Water	#20454		10/10/2005	16:54			10/25/2005
253 - __		Water	#20408		10/10/2005	14:04			10/25/2005
254 - __		Water	#20342		10/10/2005	12:40			10/25/2005
255 - __		Water	#20272		10/10/2005	11:15			10/25/2005
256 - __		Water	#20509		10/07/2005	17:00			10/25/2005
257 - __		Water	#20167, #1		10/19/2005	10:00			10/25/2005
258 - __		Water	#20167, #2		10/19/2005	09:46			10/25/2005
259 - __		Water	#20167, #3		10/19/2005	10:15			10/25/2005
260 - __		Water	#20167, #4		10/19/2005	10:25			10/25/2005
261 - __		Water	#20309		10/22/2005	16:10			10/25/2005
262 - __		Water	#20413		10/22/2005	10:20			10/25/2005
263 - __		Water	#20310		10/22/2005	16:38			10/25/2005
264 - __		Water	#20270		10/22/2005	11:45			10/25/2005
265 - __		Water	#20339		10/22/2005	14:40			10/25/2005
266 - __		Water	#20337		10/22/2005	15:30			10/25/2005
267 - __		Water	#20326		10/22/2005	09:14			10/25/2005

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
268 - __		Water	#20432		10/20/2005	13:32			10/25/2005
269 - __		Water	#20433		10/20/2005	14:36			10/25/2005
270 - __		Water	#20424		10/20/2005	13:30			10/25/2005
271 - __		Water	#20425		10/20/2005	15:52			10/25/2005
272 - __		Water	#20426		10/20/2005	16:00			10/25/2005

Analysis **Comments About Results For This Analysis**

1 Metals in Solids by ICP

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	10-__	11-__	12-__	13-__	14-__
15-__	16-__	17-__	18-__	19-__	20-__	21-__
22-__	23-__	24-__	25-__	26-__	27-__	28-__
29-__	30-__					

Comments:

Cadmium was detected above the method detection limit (MDL) in the interference check samples (ICS) but was not present in the ICS solution, therefore, a possibility of false positives exists. All samples that contained this analyte but at a level less than two times the highest level found in the ICS have the result J-coded indicating the possibility of false positives. Samples affected were: cadmium in -1 through -8, -11, -13, -14, -16, -18, -20, -22, -23, -25, -26, -27, -28, and -30.

Arsenic in samples -1 through -25 and -27 through -30 was J-coded. Although the analyte in question has been positively identified in the samples, the reporting limit is an estimate (J-coded) due to negative recoveries of this analyte in the interference check samples (ICS) which was not present in the ICS solution but whose absolute value was greater than the method detection limit (MDL), therefore, a possibility of false negatives exists. The actual reporting limits may be higher than the reported values.

Cadmium was UJ-coded in samples -21 and -29. This analyte was not found in the sample at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to low recovery of this analyte in the laboratory matrix spike. The actual reporting limit for this analyte may be higher than the reported value.

Arsenic in samples -21 through -30 and cadmium in samples -22 through -28 and -30 were J-coded. Although the analytes in question have been positively identified in the samples, the quantitations are an estimate (J-coded) due to low recoveries of these analytes in the laboratory matrix spike. The actual concentrations for these analytes may be higher than the reported values.

Barium was J-coded in samples -1 through -30. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory control sample. The actual concentration for this analyte may be higher than the reported value.

Barium in samples -1 through -20 was J-coded. Although the analyte in question has been positively identified in these samples, the quantitation is an estimate (J-coded) due to the serial dilution percent difference being above the control limits. The reported results for barium may be biased low by as much as 27%.

1 Metals - Dissolved, in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Analysis **Comments About Results For This Analysis**

Method: CLP Statement of Work

Samples:	101-__	101-FD	102-__	102-FD	103-__	103-FD	104-__
	104-FD	105-__	106-__	107-__	108-__	109-__	110-__
	111-__	112-__	113-__	114-__	115-__	116-__	117-__
	118-__	119-__	120-__	121-__	122-__	123-__	

Comments:

Lead in samples -101, -101FD, -102, -102FD, -103, -103FD, -106, -108, -109, and -110 was J-coded. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to the serial dilution percent differences being above the control limits. The reported results for lead may be biased low by as much as 11%.

Lead in samples -101, -101FD, -102, -102FD, -103, -103FD, -106, -108, -109, and -110 was J-coded. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to the serial dilution percent differences being above the control limits. The reported results for lead may be biased low by as much as 11%.

Slight lead contamination was found in the laboratory method blank. Only samples containing this analyte at a level greater than ten times the contamination level of the blank are reported without being qualified. All samples that contained this analyte but at a level less than ten times the contamination in the blank have the result U-coded indicating that the reporting limit has been raised to the level found in the sample. Samples affected were: -116, -120, -122, and -123.

1 Metals in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples:	201-__	201-FD	202-__	202-FD	203-__	203-FD	204-__
	204-FD	205-__	206-__	207-__	208-__	209-__	210-__
	211-__	212-__	213-__	214-__	215-__	216-__	217-__
	218-__	219-__	220-__	221-__	222-__	223-__	224-__
	225-__	226-__	227-__	228-__	229-__	230-__	231-__
	232-__	233-__	234-__	235-__	236-__	237-__	238-__
	239-__	240-__	241-__	242-__	243-__	244-__	245-__
	246-__	247-__	248-__	249-__	250-__	251-__	252-__
	253-__	254-__	255-__	256-__	257-__	258-__	259-__
	260-__	261-__	262-__	263-__	264-__	265-__	266-__
	267-__	268-__	269-__	270-__	271-__	272-__	

Comments:

Barium in samples -201, -201FD, -202, -202FD, -203, -203FD, -204, -204FD, -205, -206, -207, -208, -209, -210, -211, -212, -213, -214, -215, and -216 and lead in samples -201, -201FD, -202, -202FD, -203, -203FD, -206, -208, -209, -210, -211, -212, -213, and -216 were J-coded. Although the analytes in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to the serial dilution percent differences being above the control limits. The reported results for barium and lead may be biased low by as much as 11% and

Analysis	Comments About Results For This Analysis

19%, respectively.

Lead in samples -204, -204FD, -205, -207, -214, and -215 was UJ-coded. This analyte was not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to the due to the serial dilution percent differences being above the control limits. The reported results for lead may be biased low by as much 19%.

Lead was J-coded in samples -238, -245, -250, -251, and -255. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to poor precision obtained for this analyte in the laboratory duplicate sample.

Slight arsenic and lead contamination was found in the laboratory method blank. Only samples containing this analyte at a level greater than ten times the contamination level of the blank are reported without being qualified. All samples that contained this analyte but at a level less than ten times the contamination in the blank have the result U-coded indicating that the reporting limit has been raised to the level found in the sample. Samples affected were: Arsenic in sample -257 and lead in samples -237, -239, -243, -244, -246, -248, -253, and -254.

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	27.0 J	7.12 J	26.9 J	18.9 J
Barium	mg/kg	6670 J	1290 J	6560 J	4870 J
Cadmium	mg/kg	2.54 J	0.742 J	3.39 J	0.942 J
Lead	mg/kg	753	508	776	448

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	23.8 J	24.0 J	26.6 J	11.1 J
Barium	mg/kg	6630 J	6750 J	4900 J	2160 J
Cadmium	mg/kg	2.05 J	0.598 J	0.765 J	1.11 J
Lead	mg/kg	463	2860	3400	588

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	15.4 J	17.6 J	26.6 J	9.79 J
Barium	mg/kg	6050 J	928 J	5360 J	310 J
Cadmium	mg/kg	0.524 U	0.517 U	0.596 J	0.523 U
Lead	mg/kg	2030	439	2700	195

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	13.4 J	12.5 J	4.36 J	8.54 J
Barium	mg/kg	1960 J	1660 J	4790 J	4250 J
Cadmium	mg/kg	0.517 J	0.964 J	6.17	2.48 J
Lead	mg/kg	450	445	555	656

Analysis/ Analyte	Units	17-__	18-__	19-__	20-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	13.5 J	25.5 J	11.3 J	17.2 J
Barium	mg/kg	1010 J	3950 J	2390 J	4530 J
Cadmium	mg/kg	0.514 U	0.598 J	66.6	1.43 J
Lead	mg/kg	220	1680	2510	839

Analysis/ Analyte	Units	21-__	22-__	23-__	24-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	13.7 J	14.9 J	9.05 J	6.76 J
Barium	mg/kg	1600 J	1530 J	5880 J	897 J
Cadmium	mg/kg	0.512 UJ	0.951 J	1.98 J	6.62 J
Lead	mg/kg	437	178	641	598

Analysis/ Analyte	Units	25-__	26-__	27-__	28-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	16.7 J	33.1 J	5.84 J	12.7 J
Barium	mg/kg	2200 J	3610 J	2540 J	3920 J
Cadmium	mg/kg	1.33 J	0.959 J	1.46 J	0.721 J
Lead	mg/kg	392	2790	543	1100

Analysis/ Analyte	Units	29-__	30-__	101-__	101-FD
1 Metals in Solids by ICP					
Arsenic	mg/kg	24.5 J	11.8 J		
Barium	mg/kg	3940 J	6660 J		
Cadmium	mg/kg	0.541 UJ	2.35 J		
Lead	mg/kg	4100	434		
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L			1.00 U	1.00 U
Barium	ug/L			894	925
Cadmium	ug/L			1.00 U	1.00 U
Lead	ug/L			6.40 J	6.54 J

Analysis/ Analyte	Units	102-__	102-FD	103-__	103-FD
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	38.0	40.9	328	328
Cadmium	ug/L	2.33	2.49	1.00 U	1.00 U
Lead	ug/L	1.85 J	2.50 J	47.2 J	46.7 J

Analysis/ Analyte	Units	104-__	104-FD	105-__	106-__
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	240	243	1030	99.2
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 UJ	1.00 UJ	1.00 UJ	2.53 J

Analysis/ Analyte	Units	107-__	108-__	109-__	110-__
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	801	347	558	362
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 UJ	21.5 J	1.11 J	8.17 J

Analysis/ Analyte	Units	111-__	112-__	113-__	114-__
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	253	709	635	863
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	22.1	1.00 U	1.00 U	1.00 U

Analysis/ Analyte	Units	115-__	116-__	117-__	118-__
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1240	675	989	888
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	18.8	5.70 U	17.3	1.00 U

Analysis/ Analyte	Units	119-__	120-__	121-__	122-__
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	62.3	804	226	112
Cadmium	ug/L	1.00 U	1.00 U	1.48	1.00 U
Lead	ug/L	1.00 U	12.8 U	20.9	1.33 U

Analysis/ Analyte	Units	123-__	201-__	201-FD	202-__
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L	1.00 U			
Barium	ug/L	26.5			
Cadmium	ug/L	1.00 U			
Lead	ug/L	8.65 U			
1 Metals in Water by ICP/MS					
Arsenic	ug/L		1.00 U	1.00 U	1.00 U
Barium	ug/L		941 J	905 J	341 J
Cadmium	ug/L		1.00 U	1.00 U	1.00 U
Lead	ug/L		6.54 J	6.32 J	48.3 J

Analysis/ Analyte	Units	202-FD	203-__	203-FD	204-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	329 J	36.9 J	36.3 J	243 J
Cadmium	ug/L	1.00 U	2.31	2.41	1.00 U
Lead	ug/L	47.0 J	12.6 J	7.90 J	1.00 UJ

Analysis/ Analyte	Units	204-FD	205-__	206-__	207-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	244 J	679 J	591 J	61.5 J
Cadmium	ug/L	1.00 U	1.00 U	1.34	1.00 U
Lead	ug/L	1.00 UJ	1.00 UJ	1.04 J	1.00 UJ

Analysis/ Analyte	Units	208-__	209-__	210-__	211-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1450 J	887 J	522 J	471 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	24.7 J	17.2 J	58.8 J	24.1 J

Analysis/ Analyte	Units	212-__	213-__	214-__	215-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1950 J	250 J	785 J	777 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	47.2 J	19.0 J	1.00 UJ	1.00

Analysis/ Analyte	Units	216-__	217-__	218-__	219-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	103 J	817	635	1470
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	14.8 J	22.2	6.89	1.00 U

Analysis/ Analyte	Units	220-__	221-__	222-__	223-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	973	87.4	154	859
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	17.5	1.00 U	1.00 U	2.86

Analysis/ Analyte	Units	224-__	225-__	226-__	227-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1180	1300	162	452
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	18.6	1.97	36.8	8.18

Analysis/ Analyte	Units	228-__	229-__	230-__	231-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1080	1210	584	1010
Cadmium	ug/L	1.00 U	1.00 U	1.32	1.00 U
Lead	ug/L	1.00 U	18.8	1.00 U	1.00 U

Analysis/ Analyte	Units	232-__	233-__	234-__	235-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1200	585	500	657
Cadmium	ug/L	1.00 U	1.00 U	1.42	1.00 U
Lead	ug/L	4.91	1.00 U	1.00 U	1.49

Analysis/ Analyte	Units	236-__	237-__	238-__	239-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	597	190	739	1150
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	3.37	1.58 U	9.51 J	1.36 U

Analysis/ Analyte	Units	240-__	241-__	242-__	243-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	791	815	419	666
Cadmium	ug/L	1.13	1.00 U	1.58	1.00 U
Lead	ug/L	1.00 U	1.00 U	1.00 U	2.02 U

Analysis/ Analyte	Units	244-__	245-__	246-__	247-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	248	1030	629	760
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.66 U	6.72 J	1.30 U	1.00 U

Analysis/ Analyte	Units	248-__	249-__	250-__	251-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	713	531	183	140
Cadmium	ug/L	1.33	1.00 U	1.00 U	1.00 U
Lead	ug/L	4.01 U	1.00 U	8.23 J	7.10 J

Analysis/ Analyte	Units	252-__	253-__	254-__	255-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	833	1120	554	353
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 U	2.24 U	1.49 U	8.89 J

Analysis/ Analyte	Units	256-__	257-__	258-__	259-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.11 U	1.00 U	1.00 U
Barium	ug/L	637	57.2	113	165
Cadmium	ug/L	1.00 U	1.00 U	1.03	1.00 U
Lead	ug/L	5.92	6.67	1.00 U	9.03

Analysis/ Analyte	Units	260-__	261-__	262-__	263-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	74.9	387	1410	580
Cadmium	ug/L	1.00 U	1.00 U	1.43	1.00 U
Lead	ug/L	1.00 U	1.57	8.84	2.77

Analysis/ Analyte	Units	264-__	265-__	266-__	267-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	610	1190	659	924
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	37.7	57.6	39.5	28.0

Analysis/ Analyte	Units	268-__	269-__	270-__	271-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	26.8	412	661	486
Cadmium	ug/L	1.00 U	1.21	1.24	1.00 U
Lead	ug/L	16.4	6.07	43.0	16.9

Analysis/ Analyte	**Units**	**272-__**
1 Metals in Water by ICP/MS		
Arsenic	ug/L	1.00 U
Barium	ug/L	233
Cadmium	ug/L	1.00 U
Lead	ug/L	12.6

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition for ASR #: 2801

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Jeff Weatherford
SUPR/ER&R

To: Dee Simmons
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.

☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 11/17/2005

Subject: Transmittal of Sample Analysis Results for ASR #: 2823

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jeff Weatherford
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition memo for this ASR.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Jeff Weatherford **Org:** SUPR/ER&R **Phone:** 913-551-7695

Project ID: JWA78D00

Project Desc: Washington County Pb District - Potosi Area

Location: Potosi **State:** Missouri **Program:** Superfund

Site Name: Washington Pb District (Potosi Area) - Removal site Evaluation - Removal Site Evaluation **Site ID:** A78D **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample

Units: Specific units in which results are reported.

mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

ASR Number: 2823 **Sample Information Summary** **11/17/2005**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 - __		Solid	#20413, C-4		10/26/2005	10:20			10/31/2005
2 - __		Solid	#20310, C-5		10/26/2005	10:15			10/31/2005
3 - __		Solid	#20339, C-4		10/26/2005	10:50			10/31/2005
4 - __		Solid	#20492, C-1		10/24/2005	09:15			10/31/2005
5 - __		Solid	#20353, C-1		10/24/2005	17:05			10/31/2005
6 - __		Solid	#20338, C-2		10/24/2005	17:35			10/31/2005
7 - __		Solid	#20338, C-1		10/24/2005	17:30			10/31/2005
8 - __		Solid	#20285, C-2		10/22/2005	11:30			10/31/2005
9 - __		Solid	#20366, C-5		10/21/2005	16:30			10/31/2005
10 - __		Solid	#20325, C-2		10/20/2005	09:45			10/31/2005
11 - __		Solid	#20486, C-5		10/24/2005	14:45			10/31/2005
12 - __		Solid	#20436, C-2		10/24/2005	17:00			10/31/2005
13 - __		Solid	#20379, C-2		10/24/2005	13:10			10/31/2005
14 - __		Solid	#20496, C-3		10/24/2005	14:00			10/31/2005
15 - __		Solid	#20446, C-6		10/20/2005	10:45			10/31/2005
16 - __		Solid	#20344, C-6		10/21/2005	10:45			10/31/2005
17 - __		Solid	#20274, C-4		10/22/2005	09:33			10/31/2005
18 - __		Solid	#20355, C-2		10/22/2005	12:00			10/31/2005
19 - __		Solid	#20243, C-1		10/22/2005	10:35			10/31/2005
20 - __		Solid	#20286, C-1		10/22/2005	13:48			10/31/2005
21 - __		Solid	#20426, C-1		10/22/2005	16:28			10/31/2005
22 - __		Solid	#20434, C-1		10/22/2005	16:40			10/31/2005
23 - __		Solid	#20309, C-1		10/26/2005	11:30			10/31/2005
24 - __		Solid	#20362, C-1		10/25/2005	11:20			10/31/2005
25 - __		Solid	#20438, C-6		10/27/2005	17:36			10/31/2005
26 - __		Solid	#20484, C-2		10/27/2005	17:07			10/31/2005
27 - __		Solid	#20490, C-1		10/27/2005	16:23			10/31/2005
28 - __		Solid	#20488, C-2		10/27/2005	16:45			10/31/2005
29 - __		Solid	#20489, C-1		10/27/2005	16:06			10/31/2005
30 - __		Solid	#20482, C-4		10/27/2005	15:35			10/31/2005
31 - __		Solid	#20428, C-1		10/27/2005	11:05			10/31/2005
32 - __		Solid	#20487, C-3		10/27/2005	15:58			10/31/2005
33 - __		Solid	#20441, C-3		10/27/2005	08:50			10/31/2005
34 - __		Solid	#20427, C-2		10/27/2005	14:29			10/31/2005
35 - __		Solid	#20430, C-1		10/27/2005	12:58			10/31/2005
101 - __		Water	#20495		10/24/2005	13:00			10/31/2005
102 - __		Water	#20428		10/24/2005	14:35			10/31/2005
103 - __		Water	#20499		10/24/2005	16:25			10/31/2005
104 - __		Water	#20427		10/24/2005	14:35			10/31/2005
105 - __		Water	#20430		10/24/2005	15:44			10/31/2005
106 - __		Water	#20498		10/21/2005	09:47			10/31/2005
107 - __		Water	#20404		10/21/2005	10:24			10/31/2005
108 - __		Water	#20421		10/21/2005	10:53			10/31/2005
109 - __		Water	#20380		10/20/2005	09:25			10/31/2005

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
110 - __		Water	#20437		10/21/2005	12:46			10/31/2005
111 - __		Water	#20422		10/21/2005	11:25			10/31/2005
112 - __		Water	#20403		10/21/2005	09:02			10/31/2005
113 - __		Water	#20397		10/11/2005	15:12			10/31/2005
114 - __		Water	#20436		10/20/2005	16:24			10/31/2005
115 - __		Water	#20243		10/20/2005	13:18			10/31/2005
116 - __		Water	#20435		10/20/2005	15:56			10/31/2005
117 - __		Water	#20496		10/20/2005	10:06			10/31/2005
118 - __		Water	#20486		10/20/2005	15:13			10/31/2005
119 - __		Water	#20492		10/20/2005	12:50			10/31/2005
120 - __		Water	#20510		10/20/2005	14:48			10/31/2005
121 - __		Water	#20475		10/21/2005	16:29			10/31/2005
122 - __		Water	#20434		10/20/2005	14:12			10/31/2005
123 - __		Water	#20515		10/20/2005	11:54			10/31/2005
124 - __		Water	#20305		10/25/2005	13:50			10/31/2005
125 - __		Water	#20487		10/25/2005	10:31			10/31/2005
126 - __		Water	#20514		10/25/2005	13:03			10/31/2005
127 - __		Water	#20336		10/25/2005	15:05			10/31/2005
128 - __		Water	#20318		10/25/2005	12:55			10/31/2005
129 - __		Water	#20320		10/25/2005	11:20			10/31/2005
130 - __		Water	#20267		10/25/2005	15:40			10/31/2005
131 - __		Water	#20441		10/25/2005	10:15			10/31/2005
132 - __		Water	#20319		10/25/2005	14:00			10/31/2005
133 - __		Water	#20335		10/25/2005	14:32			10/31/2005
134 - __		Water	#20431		10/25/2005	12:44			10/31/2005
135 - __		Water	#20406		10/27/2005	10:12			10/31/2005
136 - __		Water	#20411		10/26/2005	16:00			10/31/2005
137 - __		Water	#20455		10/25/2005	15:18			10/31/2005
138 - __		Water	#20517		10/26/2005	10:08			10/31/2005
139 - __		Water	#20521		10/26/2005	10:25			10/31/2005
140 - __		Water	#20508		10/26/2005	09:25			10/31/2005
141 - __		Water	#20393		10/26/2005	09:55			10/31/2005
142 - __		Water	#20505		10/26/2005	13:10			10/31/2005
143 - __		Water	#20405		10/26/2005	13:59			10/31/2005
144 - __		Water	#20503		10/26/2005	11:10			10/31/2005
145 - __		Water	#20501		10/26/2005	15:20			10/31/2005
146 - __		Water	#20504		10/26/2005	12:05			10/31/2005
201 - __		Water	#20422		10/21/2005	11:25			10/31/2005
202 - __		Water	#20403		10/21/2005	09:02			10/31/2005
203 - __		Water	#20499		10/24/2005	16:20			10/31/2005
204 - __		Water	#20320		10/25/2005	11:20			10/31/2005
205 - __		Water	#20319		10/25/2005	14:00			10/31/2005
206 - __		Water	#20267		10/25/2005	15:40			10/31/2005
207 - __		Water	#20431		10/25/2005	12:44			10/31/2005

ASR Number: 2823 **Sample Information Summary** **11/17/2005**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
208 - __		Water	#20487		10/25/2005	10:31			10/31/2005
209 - __		Water	#20505		10/26/2005	13:10			10/31/2005
210 - __		Water	#20411		10/26/2005	16:00			10/31/2005

Analysis **Comments About Results For This Analysis**

1 Metals in Solids by ICP

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples: 1-__ 2-__ 3-__ 4-__ 5-__ 6-__ 7-__
8-__ 9-__ 10-__ 11-__ 12-__ 13-__ 14-__
15-__ 16-__ 17-__ 18-__ 19-__ 20-__ 21-__
22-__ 23-__ 24-__ 25-__ 26-__ 27-__ 28-__
29-__ 30-__ 31-__ 32-__ 33-__ 34-__ 35-__

Comments:

Slight arsenic and cadmium contamination were found in the calibration blanks. Only samples containing these analytes at a level greater than ten times the contamination level of the blank are reported without being qualified. All samples that contained these analytes but at a level less than ten times the contamination in the blank have the result U-coded indicating that the reporting limits have been raised to the levels found in the samples. Samples affected were: arsenic in -3, -4, -8, -9, -12, -15, -17, -18, -20, -22, -23, -24, -26, -27, -28, -29, -31, -32, -34, and -35 and cadmium in -3, -18, and -20.

Cadmium was detected above the method detection limit (MDL) in the interference check samples (ICS) but was not present in the ICS solution, therefore, a possibility of false positives exists. All samples that contained this analyte but at a level less than two times the highest level found in the ICS have the result J-coded indicating the possibility of false positives. Samples affected were: cadmium in -1, -2, -4 through -17, -19, -21, -23, -25, -26, -27, -29, -30, -31, -32, -33, and -34.

Arsenic in samples -3, -4, -8, -9, -12, -15, -17, -18, -20, -22, -23, -24, -26, -27, -28, -29, -31, -32, -34, and -35 was UJ-coded and in samples -1, -5, -7, -10, -11, -13, -16, -19, -21, and -30 was J-coded. Positive results were J-coded and non-detect results were UJ-coded due to negative recoveries of these analytes in the interference check samples (ICS) which were not present in the ICS solution but whose absolute values were greater than the method detection limits (MDL), therefore, a possibility of false negatives exists. The actual reporting limits may be higher than the reported values.

1 Metals - Dissolved, in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples: 201-__ 202-__ 203-__ 204-__ 205-__ 206-__ 207-__
208-__ 209-__ 210-__

Comments:

1 Metals in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Analysis **Comments About Results For This Analysis**

Method: CLP Statement of Work

Samples:

101-__	102-__	103-__	104-__	105-__	106-__	107-__
108-__	109-__	110-__	111-__	112-__	113-__	114-__
115-__	116-__	117-__	118-__	119-__	120-__	121-__
122-__	123-__	124-__	125-__	126-__	127-__	128-__
129-__	130-__	131-__	132-__	133-__	134-__	135-__
136-__	137-__	138-__	139-__	140-__	141-__	142-__
143-__	144-__	145-__	146-__			

Comments:

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	12.4 J	17.7	6.45 UJ	4.78 UJ
Barium	mg/kg	8050	2840	1360	3560
Cadmium	mg/kg	2.17 J	1.19 J	0.618 U	5.34 J
Lead	mg/kg	513	1980	1230	454

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	13.1 J	24.9	12.8 J	4.24 UJ
Barium	mg/kg	5380	5850	5340	1330
Cadmium	mg/kg	1.61 J	8.71 J	3.16 J	0.809 J
Lead	mg/kg	1540	1140	3030	287

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5.46 UJ	10.7 J	11.9 J	8.21 UJ
Barium	mg/kg	4380	2990	2800	1890
Cadmium	mg/kg	2.82 J	1.09 J	1.23 J	1.17 J
Lead	mg/kg	648	636	2120	340

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	10.7 J	19.1	9.05 UJ	10.7 J
Barium	mg/kg	1390	4350	5600	5630
Cadmium	mg/kg	1.39 J	4.44 J	1.83 J	4.66 J
Lead	mg/kg	949	2880	1120	841

Analysis/ Analyte	Units	17-__	18-__	19-__	20-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	10.2 UJ	7.63 UJ	12.3 J	9.29 UJ
Barium	mg/kg	2310	2150	1270	774
Cadmium	mg/kg	1.90 J	0.745 U	1.46 J	0.566 U
Lead	mg/kg	371	455	251	280

Analysis/ Analyte	Units	21-__	22-__	23-__	24-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	11.8 J	4.83 UJ	8.61 UJ	8.96 UJ
Barium	mg/kg	3900	953	2570	2830
Cadmium	mg/kg	2.80 J	0.515 U	1.07 J	9.36
Lead	mg/kg	412	440	791	707

Analysis/ Analyte	Units	25-__	26-__	27-__	28-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	17.5	9.33 UJ	6.14 UJ	6.92 UJ
Barium	mg/kg	5270	3650	3330	3450
Cadmium	mg/kg	4.53 J	1.33 J	0.760 J	9.67
Lead	mg/kg	1550	416	280	630

Analysis/ Analyte	Units	29-__	30-__	31-__	32-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	6.89 UJ	11.5 J	7.56 UJ	9.32 UJ
Barium	mg/kg	4720	4640	2210	3970
Cadmium	mg/kg	3.22 J	1.21 J	0.759 J	5.16 J
Lead	mg/kg	376	812	792	496

Analysis/ Analyte	Units	33-__	34-__	35-__	101-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	23.0	5.20 UJ	6.24 UJ	
Barium	mg/kg	3640	3790	4390	
Cadmium	mg/kg	0.999 J	2.52 J	10.9	
Lead	mg/kg	2090	327	2890	
1 Metals in Water by ICP/MS					
Arsenic	ug/L				1.00 U
Barium	ug/L				197
Cadmium	ug/L				1.00 U
Lead	ug/L				21.5

Analysis/ Analyte	Units	102-__	103-__	104-__	105-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	205	443	646	300
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.91	3.57	30.9	3.20

Analysis/ Analyte	Units	106-__	107-__	108-__	109-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	684	154	168	232
Cadmium	ug/L	1.45	1.00 U	1.00 U	1.36
Lead	ug/L	3.97	3.11	6.83	15.9

Analysis/ Analyte	Units	110-__	111-__	112-__	113-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	640	111	846	349
Cadmium	ug/L	1.62	1.00 U	1.00 U	1.00 U
Lead	ug/L	5.59	11.8	2.98	23.0

Analysis/ Analyte	Units	114-__	115-__	116-__	117-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	117	693	118	89.1
Cadmium	ug/L	1.00 U	1.00 U	7.58	1.00 U
Lead	ug/L	3.50	1.92	38.2	31.3

Analysis/ Analyte	Units	118-__	119-__	120-__	121-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	204	507	310	40.1
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	22.0	9.14	6.06	1.00 U

Analysis/ Analyte	Units	122-__	123-__	124-__	125-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	243	299	458	792
Cadmium	ug/L	1.02	1.37	1.00 U	1.00 U
Lead	ug/L	3.82	11.9	15.4	3.49

Analysis/ Analyte	Units	126-__	127-__	128-__	129-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	156	180	329	229
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	8.67	13.0	1.00 U	1.00 U

Analysis/ Analyte	Units	130-__	131-__	132-__	133-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	180	313	157	109
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	12.1	1.00 U	1.00 U	21.2

Analysis/ Analyte	Units	134-__	135-__	136-__	137-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	160	17.6	132	533
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.25
Lead	ug/L	1.73	1.00 U	6.97	26.8

Analysis/ Analyte	Units	138-__	139-__	140-__	141-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	265	232	120	176
Cadmium	ug/L	2.69	1.67	1.00 U	2.22
Lead	ug/L	44.2	2.05	21.7	35.7

Analysis/ Analyte	Units	142-__	143-__	144-__	145-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	360	15.4	583	119
Cadmium	ug/L	1.97	1.00 U	2.14	1.00 U
Lead	ug/L	8.06	1.00 U	34.6	4.22

Analysis/ Analyte	Units	146-__	201-__	202-__	203-__
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L		1.00 U	1.00 U	1.00 U
Barium	ug/L		98.3	811	436
Cadmium	ug/L		1.00 U	1.00 U	1.00 U
Lead	ug/L		9.40	174	1.00 U
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U			
Barium	ug/L	358			
Cadmium	ug/L	3.98			
Lead	ug/L	1.00 U			

Analysis/ Analyte	Units	204-__	205-__	206-__	207-__
1 Metals - Dissolved, in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	227	152	182	160
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 U	1.00 U	12.1	1.33

Analysis/ Analyte	Units	208-__	209-__	210-__
1 Metals - Dissolved, in Water by ICP/MS				
Arsenic	ug/L	1.00 U	1.00 U	1.00 U
Barium	ug/L	787	372	130
Cadmium	ug/L	1.00 U	2.10	1.00 U
Lead	ug/L	3.08	1.34	5.75

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition for ASR #: 2823

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Jeff Weatherford
SUPR/ER&R

To: Dee Simmons
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.

☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date:

Subject: Transmittal of Sample Analysis Results for ASR #: 2832

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jeff Weatherford
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition memo for this ASR.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Jeff Weatherford **Org:** SUPR/ER&R **Phone:** 913-551-7695

Project ID: JWA78D00

Project Desc: Washington County Pb District - Potosi Area

Location: Potosi **State:** Missouri **Program:** Superfund

Site Name: Washington Pb District (Potosi Area) - Removal site Evaluation - Removal Site Evaluation **Site ID:** A78D **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample

Units: Specific units in which results are reported.

% = Percent
mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

ASR Number: 2832 **Sample Information Summary** **12/09/2005**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 - __		Solid	#20421, C-5		10/27/2005	14:11			11/23/2005
2 - __		Solid	#20485, C-1		10/27/2005	10:41			11/23/2005
3 - __		Solid	#20521, C-1		11/02/2005	09:00			11/23/2005
4 - __		Solid	#20411, C-3		11/04/2005	09:00			11/23/2005
5 - __		Solid	#20428, C-5		10/27/2005	11:07			11/23/2005
6 - __		Solid	#20305, C-2		10/27/2005	09:19			11/23/2005
7 - __		Solid	#20393, C-5		11/02/2005	09:10			11/23/2005
8 - __		Solid	#20319, C-2		10/27/2005	08:51			11/23/2005
9 - __		Solid	#20501, C-4		11/04/2005	09:30			11/23/2005
10 - __		Solid	#20403, C-1		10/27/2005	13:03			11/23/2005
11 - __		Solid	#20303, C-1		11/15/2005	09:45			11/23/2005
12 - __		Solid	#20504, C-6		11/02/2005	17:00			11/23/2005
13 - __		Solid	#20381, C-2		11/08/2005	09:25			11/23/2005
14 - __		Solid	#20437, C-6		10/27/2005	13:36			11/23/2005
15 - __		Solid	#20505, C-1		11/02/2005	08:00			11/23/2005
16 - __		Solid	#20406, C-3		11/02/2005	17:30			11/23/2005
17 - __		Solid	#20412, C-10		11/15/2005	09:00			11/23/2005
18 - __		Solid	#20563, C-6		11/15/2005	11:40			11/23/2005
19 - __		Solid	#20299, C-4		11/17/2005	09:30			11/23/2005
20 - __		Solid	#20398, C-4		11/17/2005	10:25			11/23/2005
21 - __		Solid	#20347, C-3		11/17/2005	11:16			11/23/2005
22 - __		Solid	#20376, C-2		11/17/2005	12:48			11/23/2005
23 - __		Solid	#20416, C-4		11/19/2005	08:53			11/23/2005
24 - __		Solid	#20385, C-3		11/19/2005	09:30			11/23/2005
25 - __		Solid	Mosley, C-3		11/19/2005	11:30			11/23/2005
26 - __		Solid	#20316, C-9		11/19/2005	12:35			11/23/2005
27 - __		Solid	#20287, C-2		11/19/2005	14:05			11/23/2005
28 - __		Solid	#20377, C-5		11/19/2005	14:50			11/23/2005
29 - __		Solid	#20378, C-1		11/19/2005	10:30			11/23/2005
30 - __		Solid	#20313, C-1		11/21/2005	10:09			11/23/2005
31 - __		Solid	#20288, C-8		11/21/2005	20:05			11/23/2005
32 - __		Solid	#20314, C-3		11/21/2005	19:30			11/23/2005
33 - __		Solid	#20468, C-9		11/21/2005	19:45			11/23/2005
34 - __		Solid	#20447, C-8		11/21/2005	17:50			11/23/2005
35 - __		Solid	#20511, C-1		11/19/2005	09:02			11/23/2005
36 - __		Solid	#20398, C-6		11/21/2005	11:05			11/23/2005
37 - __		Solid	#20382, C-2		11/21/2005	10:30			11/23/2005
101 - __		Water	#20303		11/03/2005	11:59			11/23/2005
102 - __		Water	#20317		11/03/2005	10:00			11/23/2005
103 - __		Water	#20246		11/03/2005	13:00			11/23/2005
104 - __		Water	#20563		11/08/2005	10:00			11/23/2005
105 - __		Water	#20417		11/03/2005				11/23/2005
106 - __		Water	#20389		11/03/2005				11/23/2005
107 - __		Water	#20350		11/03/2005	14:00			11/23/2005

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
108 - __		Water	#20302		11/03/2005	09:22			11/23/2005
109 - __		Water	#20414		11/03/2005	15:23			11/23/2005
110 - __		Water	#20351		11/03/2005	16:48			11/23/2005
111 - __		Water	#20346		11/16/2005	11:30			11/23/2005
112 - __		Water	#20348		11/16/2005	10:09			11/23/2005
113 - __		Water	#20301		11/16/2005	09:32			11/23/2005
114 - __		Water	#20378		11/16/2005	14:02			11/23/2005
115 - __		Water	#20299		11/16/2005	10:00			11/23/2005
116 - __		Water	#20372		11/16/2005	11:30			11/23/2005
117 - __		Water	#20371		11/16/2005	13:05			11/23/2005
118 - __		Water	#20416		11/16/2005	14:50			11/23/2005
119 - __		Water	#20410		11/16/2005	09:53			11/23/2005
120 - __		Water	#20373		11/16/2005	08:56			11/23/2005
121 - __		Water	#20347		11/16/2005	15:05			11/23/2005
122 - __		Water	#20398		11/16/2005	14:07			11/23/2005
123 - __		Water	#20374		11/16/2005	10:30			11/23/2005
124 - __		Water	#20385		11/16/2005	15:30			11/23/2005
125 - __		Water	#20398		11/18/2005	14:20			11/23/2005
126 - __		Water	#20313		11/18/2005	15:49			11/23/2005
127 - __		Water	#20316		11/18/2005	12:20			11/23/2005
128 - __		Water	#20314		11/18/2005	15:10			11/23/2005
129 - __		Water	#20315		11/18/2005	10:00			11/23/2005
130 - __		Water	#20382		11/18/2005	16:47			11/23/2005
131 - __		Water	#20287		11/17/2005	15:40			11/23/2005
132 - __		Water	#20231		11/18/2005	13:25			11/23/2005
133 - __		Water	#20595		11/18/2005	10:50			11/23/2005
134 - __		Water	#20233		11/18/2005	14:30			11/23/2005
135 - __		Water	#20288		11/18/2005	16:00			11/23/2005
136 - __		Water	#20377		11/17/2005	15:00			11/23/2005
137 - __		Water	#20230		11/18/2005	11:20			11/23/2005
138 - __		Water	#20566		11/18/2005	09:10			11/23/2005
139 - __		Water	#20232		11/18/2005	13:51			11/23/2005
140 - __		Water	#20494		11/19/2005	11:30			11/23/2005
141 - __		Water	#20468		11/19/2005	14:00			11/23/2005
142 - __		Water	#20402		11/19/2005	13:10			11/23/2005
143 - __		Water	#20447		11/19/2005	16:10			11/23/2005
144 - __		Water	#20386		11/19/2005	11:00			11/23/2005
145 - __		Water	#20271		11/19/2005	10:10			11/23/2005
146 - __		Water	#20511		11/19/2005	09:00			11/23/2005
147 - __		Water	#20388		11/21/2005	14:20			11/23/2005
148 - __		Water	#20311		11/21/2005	15:20			11/23/2005
149 - __		Water	#20567		11/21/2005	14:21			11/23/2005
150 - __		Water	#20587		11/21/2005	16:02			11/23/2005
151 - __		Water	#20308		11/21/2005	16:10			11/23/2005

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
152 - __		Water	#20581		11/21/2005	13:45			11/23/2005
153 - __		Water	#20480		11/21/2005	15:05			11/23/2005
154 - __		Water	#20384		11/21/2005	15:30			11/23/2005
155 - __		Water	#20439		11/21/2005	10:49			11/23/2005
156 - __		Water	#20383		11/21/2005	11:30			11/23/2005
157 - __		Water	#20566 Creek		11/22/2005	08:52			11/23/2005
158 - __		Water	#555		11/22/2005	14:10			11/23/2005
159 - __		Water	#529		11/22/2005	13:40			11/23/2005
160 - __		Water	#20466		11/22/2005	09:10			11/23/2005
161 - __		Water	#20529		11/22/2005	12:55			11/23/2005
162 - __		Water	#20479		11/22/2005	13:30			11/23/2005
163 - __		Water	#20477		11/22/2005	10:00			11/23/2005
164 - __		Water	#20478		11/22/2005	11:35			11/23/2005
165 - __		Water	#20588		11/22/2005	14:40			11/23/2005
166 - __		Water	#20465		11/22/2005	10:35			11/23/2005
167 - __		Water	#20467		11/22/2005	09:30			11/23/2005

Analysis **Comments About Results For This Analysis**

1 Metals in Solids by ICP

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3B

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	10-__	11-__	12-__	13-__	14-__
15-__	16-__	17-__	18-__	19-__	20-__	21-__
22-__	23-__	24-__	25-__	26-__	27-__	28-__
29-__	30-__	31-__	32-__	33-__	34-__	35-__
36-__	37-__					

Comments:

Barium was J-coded in sample 25. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory matrix spike. The actual concentration for this analyte may be higher than the reported value.

Barium & Lead were J-coded in sample 25. Although the analytes in question have been positively identified in the sample, the quantitations are estimates (J-coded) due to poor precision obtained for these analytes in the laboratory matrix spike and matrix spike duplicate.

Arsenic was J-coded in samples 17, 23, 26, 28, 29, 30 and 32. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory control sample. The actual concentration for this analyte may be higher than the reported value.

Arsenic was UJ-coded in samples 18-22, 24, 25, 27, 31,and 33-37. This analyte was not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to low recovery of this analyte in the laboratory control sample. The actual reporting limit for this analyte may be higher than the reported value.

1 Percent Solid

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3142.9D

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	10-__	11-__	12-__	13-__	14-__
15-__	16-__	17-__	18-__	19-__	20-__	21-__
22-__	23-__	24-__	25-__	26-__	27-__	28-__
29-__	30-__	31-__	32-__	33-__	34-__	35-__
36-__	37-__					

Comments:

(N/A)

1 Metals in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Analysis **Comments About Results For This Analysis**

Samples:

101-__	102-__	103-__	104-__	105-__	106-__	107-__
108-__	109-__	110-__	111-__	112-__	113-__	114-__
115-__	116-__	117-__	118-__	119-__	120-__	121-__
122-__	123-__	124-__	125-__	126-__	127-__	128-__
129-__	130-__	131-__	132-__	133-__	134-__	135-__
136-__	137-__	138-__	139-__	140-__	141-__	142-__
143-__	144-__	145-__	146-__	147-__	148-__	149-__
150-__	151-__	152-__	153-__	154-__	155-__	156-__
157-__	158-__	159-__	160-__	161-__	162-__	163-__
164-__	165-__	166-__	167-__			

Comments:

Slight arsenic contamination was found in the preparation and/or calibration blanks. Only samples containing this analyte at a level greater than ten times the contamination level of the blank are reported without being qualified. All samples that contained this analyte but at a level less than ten times the contamination in the blank have the result U-coded indicating that the reporting limit has been raised to the level found in the sample. Samples affected were: arsenic in -104 and -162.

Arsenic in samples -111, -116, and -117 was UJ-coded. This analyte was not found in the sample at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to high internal standard response. The actual reporting limit for this analyte may be higher than the reported value.

Barium and cadmium in sample -109 and barium and lead in sample -118 were J-coded. Although the analytes in question have been positively identified in the sample, the quantitations are an estimate (J-coded) due to high internal standard response. The actual concentrations for these analytes may be higher than the reported values.

Lead in samples -118 through -130, -136, -137, -140 through -144, and -146 through -150 was J-coded and in samples -131 through -134, -135, -138, -139, and -145 was UJ-coded. Positive results were J-coded and non-detect results were UJ-coded due to the serial dilution percent differences being above the control limits. The reported results for lead may be biased low by as much as 16% associated with samples -118 through -134 and 79% associated with samples -135 through -150.

ASR Number: 2832 **RLAB Approved Sample Analysis Results** **12/09/2005**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 U	5 U	5 U	5 U
Barium	mg/kg	1250	2890	2210	2690
Cadmium	mg/kg	5.51	7.64	8.96	7.10
Lead	mg/kg	263	383	1020	230
1 Percent Solid					
Solids, percent	%	97.5	97.7	97.0	96.9

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	6.10	8.73	5 U	5 U
Barium	mg/kg	2940	2940	1920	1760
Cadmium	mg/kg	9.76	10.3	8.46	5.25
Lead	mg/kg	500	1300	565	1150
1 Percent Solid					
Solids, percent	%	95.3	92.9	96.6	99.6

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 U	5 U	5 U	5 U
Barium	mg/kg	2470	2590	755	1270
Cadmium	mg/kg	6.22	10.7	3.91	7.03
Lead	mg/kg	385	1470	60.5	1010
1 Percent Solid					
Solids, percent	%	97.9	97.8	97.8	99.6

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	11.8	5 U	5.21	10.9
Barium	mg/kg	1190	2690	1590	2560
Cadmium	mg/kg	9.31	8.08	13.2	13.6
Lead	mg/kg	194	673	734	480
1 Percent Solid					
Solids, percent	%	96.0	95.5	98.5	98.9

Analysis/ Analyte	Units	17-__	18-__	19-__	20-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	28.0 J	5 UJ	5 UJ	5 UJ
Barium	mg/kg	3020	2250	2360	1770
Cadmium	mg/kg	13.8	8.80	7.07	6.34
Lead	mg/kg	658	308	336	523
1 Percent Solid					
Solids, percent	%	95.6	98.1	98.4	97.1

Analysis/ Analyte	Units	21-__	22-__	23-__	24-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 UJ	5 UJ	6.38 J	5 UJ
Barium	mg/kg	898	2470	2770	906
Cadmium	mg/kg	5.36	7.87	7.57	6.91
Lead	mg/kg	494	1050	1210	257
1 Percent Solid					
Solids, percent	%	96.8	95.1	96.2	97.3

Analysis/ Analyte	Units	25-__	26-__	27-__	28-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 UJ	9.02 J	5 UJ	21.0 J
Barium	mg/kg	207 J	1310	1300	2650
Cadmium	mg/kg	7.85	7.13	5.04	15.4
Lead	mg/kg	591 J	460	255	1560
1 Percent Solid					
Solids, percent	%	99.5	97.4	97.7	95.6

Analysis/ Analyte	Units	29-__	30-__	31-__	32-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5.01 J	5.95 J	5 UJ	5.76 J
Barium	mg/kg	1620	2350	984	2440
Cadmium	mg/kg	4.40	8.08	4.71	7.13
Lead	mg/kg	228	505	273	322
1 Percent Solid					
Solids, percent	%	99.2	97.2	97.8	97.2

Analysis/ Analyte	Units	33-__	34-__	35-__	36-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 UJ	5 UJ	5 UJ	5 UJ
Barium	mg/kg	796	353	726	1700
Cadmium	mg/kg	6.22	3.92	10.1	3.78
Lead	mg/kg	148	341	726	111
1 Percent Solid					
Solids, percent	%	97.8	97.3	96.9	99.6

Analysis/ Analyte	Units	37-__	101-__	102-__	103-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 UJ			
Barium	mg/kg	2450			
Cadmium	mg/kg	8.78			
Lead	mg/kg	1300			
1 Percent Solid					
Solids, percent	%	94.9			
1 Metals in Water by ICP/MS					
Arsenic	ug/L		1.00 U	1.00 U	1.00 U
Barium	ug/L		90.7	73.6	92.0
Cadmium	ug/L		1.00 U	1.00 U	1.00 U
Lead	ug/L		1.00 U	1.00 U	1.00 U

Analysis/ Analyte	Units	104-__	105-__	106-__	107-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.08 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	51.6	2100	96.9	160
Cadmium	ug/L	1.00 U	1.48	1.00 U	1.00 U
Lead	ug/L	1.00 U	1.21	1.00 U	1.06

Analysis/ Analyte	Units	108-__	109-__	110-__	111-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 UJ
Barium	ug/L	66.8	1160 J	645	725
Cadmium	ug/L	1.00 U	1.37 J	1.00 U	1.00 U
Lead	ug/L	1.15	22.5	1.00 U	3.13

Analysis/ Analyte	Units	112-__	113-__	114-__	115-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	2.00 U	1.00 U	2.00 U	2.00 U
Barium	ug/L	563	826	119	763
Cadmium	ug/L	1.11	1.16	1.00 U	1.01
Lead	ug/L	11.8	6.18	1.93	6.80

Analysis/ Analyte	Units	116-__	117-__	118-__	119-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 UJ	1.00 UJ	1.00 U	1.00 U
Barium	ug/L	184	529	144 J	192
Cadmium	ug/L	1.25	1.00 U	1.00 U	1.00 U
Lead	ug/L	10.2	5.16	2.63 J	21.8 J

Analysis/ Analyte	Units	120-__	121-__	122-__	123-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	415	806	1050	63.5
Cadmium	ug/L	1.34	1.00 U	1.00 U	5.43
Lead	ug/L	21.5 J	1.32 J	5.52 J	2.50 J

Analysis/ Analyte	Units	124-__	125-__	126-__	127-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	416	808	1030	1180
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 J	1.05 J	1.25 J	1.52 J

Analysis/ Analyte	Units	128-__	129-__	130-__	131-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1040	1380	1000	608
Cadmium	ug/L	1.00 U	1.49	1.00 U	1.00 U
Lead	ug/L	2.07 J	2.76 J	13.5 J	1.00 UJ

Analysis/ Analyte	Units	132-__	133-__	134-__	135-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	2.00
Barium	ug/L	671	746	10.0 U	1140
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	2.00 U
Lead	ug/L	1.00 UJ	1.00 UJ	1.00 UJ	2.00 UJ

Analysis/ Analyte	Units	136-__	137-__	138-__	139-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	2.00 U	2.00 U	2.00 U	1.00 U
Barium	ug/L	1850	532	1290	10.0 U
Cadmium	ug/L	2.00 U	2.00 U	2.00 U	1.00 U
Lead	ug/L	9.90 J	2.30 J	2.00 UJ	1.00 UJ

Analysis/ Analyte	Units	140-__	141-__	142-__	143-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	2.00 U	2.00 U	2.00 U	1.00 U
Barium	ug/L	1270	923	974	678
Cadmium	ug/L	2.00 U	2.00 U	2.00 U	1.00 U
Lead	ug/L	19.5 J	3.50 J	6.40 J	1.20 J

Analysis/ Analyte	Units	144-__	145-__	146-__	147-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	2.00 U	2.00 U	2.00 U	1.00 U
Barium	ug/L	1340	768	226	843
Cadmium	ug/L	2.00 U	2.00 U	2.00 U	1.00 U
Lead	ug/L	2.60 J	2.00 UJ	2.20 J	1.87 J

Analysis/ Analyte	Units	148-__	149-__	150-__	151-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	860	797	538	612
Cadmium	ug/L	1.00 U	1.00 U	2.24	1.00 U
Lead	ug/L	1.02 J	1.79 J	7.43 J	1.00 U

Analysis/ Analyte	Units	152-__	153-__	154-__	155-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	219	566	1020	1080
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	3.93	1.00 U	2.19	9.15

Analysis/ Analyte	Units	156-__	157-__	158-__	159-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	863	1050	1080	1170
Cadmium	ug/L	1.06	1.00 U	1.00 U	1.00 U
Lead	ug/L	7.54	1.00 U	85.5	64.2

Analysis/ Analyte	Units	160-__	161-__	162-__	163-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.30 U	1.00 U
Barium	ug/L	11.0	10.7	36.3	10.0 U
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 U	14.3	11.2	1.87

Analysis/ Analyte	Units	164-__	165-__	166-__	167-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	17.3	411	26.3	243
Cadmium	ug/L	1.00 U	1.00 U	1.27	1.00 U
Lead	ug/L	1.00 U	13.1	18.3	20.7

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition for ASR #: 2832

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Jeff Weatherford
SUPR/ER&R

To: Dee Simmons
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.

☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date:

Subject: Transmittal of Sample Analysis Results for ASR #: 2863

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jeff Weatherford
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Jeff Weatherford **Org:** SUPR/ER&R **Phone:** 913-551-7695

Project ID: JWA78D00

Project Desc: Washington County Pb District - Potosi Area

Location: Potosi **State:** Missouri **Program:** Superfund

Site Name: Washington Pb District (Potosi Area) - Removal site Evaluation - Removal Site Evaluation **Site ID:** A78D **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample

Units: Specific units in which results are reported.

% = Percent
mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

ASR Number: 2863 **Sample Information Summary** **12/30/2005**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 - __		Solid	#20384, C-4		12/29/2005	16:30			12/09/2005
2 - __		Solid	#20581, C-1		12/02/2005	09:03			12/09/2005
3 - __		Solid	#20598, C-1		11/22/2005	14:00			12/09/2005
4 - __		Solid	#20586, C-3		12/03/2005	10:20			12/09/2005
5 - __		Solid	#20598, C-8		12/02/2005	09:00			12/09/2005
6 - __		Solid	#20439, C-5		11/30/2005	11:55			12/09/2005
7 - __		Solid	#20308, C-7		11/29/2005	08:40			12/09/2005
8 - __		Solid	#20465, C-5		12/03/2005	08:35			12/09/2005
9 - __		Solid	#20534, C-9		12/03/2005	11:35			12/09/2005
10 - __		Solid	#20355, C-2		11/29/2005	12:00			12/09/2005
11 - __		Solid	#20531, C-3		12/03/2005	12:00			12/09/2005
12 - __		Solid	#20467, C-3		12/01/2005	08:55			12/09/2005
13 - __		Solid	#20583, C-1		12/03/2005	12:12			12/09/2005
14 - __		Solid	#20599, C-8		12/03/2005	16:20			12/09/2005
15 - __		Solid	#20624, C-1		12/03/2005	17:04			12/09/2005
16 - __		Solid	#20549, C-2		12/06/2005	11:40			12/09/2005
17 - __		Solid	#20548, C-2		12/05/2005	10:46			12/09/2005
19 - __		Solid	#20553, C-7		12/05/2005	09:17			12/09/2005
20 - __		Solid	#20574, C-6		12/07/2005	10:05			12/09/2005
21 - __		Solid	#20589, C-1		12/07/2005	08:45			12/09/2005
22 - __		Solid	#20513, C-5		12/07/2005	09:10			12/09/2005
23 - __		Solid	#20572, C-2		12/07/2005	08:30			12/09/2005
24 - __		Solid	#20610, C-2		12/06/2005	13:40			12/09/2005
25 - __		Solid	#20533, C-4		12/06/2005	13:31			12/09/2005
26 - __		Solid	#20464, C-1		12/07/2005	12:00			12/09/2005
27 - __		Solid	#20444, C-1		12/07/2005	11:10			12/09/2005
28 - __		Solid	#20543, C-4		12/07/2005	10:40			12/09/2005
29 - __		Solid	#20461, C-4		12/07/2005	10:05			12/09/2005
30 - __		Solid	#20558, C-1		12/07/2005	15:45			12/09/2005
31 - __		Solid	#20557, C-3		12/07/2005	15:30			12/09/2005
32 - __		Solid	#20470, C-3		12/07/2005	15:15			12/09/2005
101 - __		Water	#20584		11/29/2005	12:50			12/09/2005
102 - __		Water	#20583		11/29/2005	11:03			12/09/2005
103 - __		Water	#20548		12/02/2005	15:15			12/09/2005
104 - __		Water	#20545		12/02/2005	10:30			12/09/2005
105 - __		Water	#20624		12/02/2005	10:35			12/09/2005
106 - __		Water	#20549		12/02/2005	16:00			12/09/2005
107 - __		Water	#20546		12/02/2005	11:55			12/09/2005
108 - __		Water	#20553		12/03/2005	13:35			12/09/2005
109 - __		Water	#20547		12/02/2005	14:04			12/09/2005
110 - __		Water	#20599		11/29/2005	09:35			12/09/2005
111 - __		Water	#20576		12/01/2005	12:00			12/09/2005
112 - __		Water	#20585		11/29/2005	13:47			12/09/2005
113 - __		Water	#20533		12/01/2005	14:00			12/09/2005

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
114 - __		Water	#20534		12/01/2005	15:00			12/09/2005
115 - __		Water	#20518		12/01/2005	15:30			12/09/2005
116 - __		Water	#20519		12/01/2005	16:10			12/09/2005
117 - __		Water	#20569		12/05/2005	10:30			12/09/2005
118 - __		Water	#20570		12/05/2005	11:15			12/09/2005
119 - __		Water	#20531		12/01/2005	09:50			12/09/2005
120 - __		Water	#20610		12/02/2005	14:34			12/09/2005
121 - __		Water	#20552		12/02/2005	16:30			12/09/2005
122 - __		Water	#20577		11/29/2005	15:00			12/09/2005
123 - __		Water	#20582		11/29/2005	10:20			12/09/2005
124 - __		Water	#20532		12/01/2005	11:00			12/09/2005
125 - __		Water	#20452		11/29/2005	14:25			12/09/2005
126 - __		Water	#20513		12/05/2005	13:57			12/09/2005
127 - __		Water	#20574		12/05/2005	15:10			12/09/2005
128 - __		Water	#20572		12/05/2005	15:50			12/09/2005
129 - __		Water	#20444		12/05/2005	11:04			12/09/2005
130 - __		Water	#20461		12/05/2005	09:50			12/09/2005
131 - __		Water	#20562		12/03/2005	10:00			12/09/2005
132 - __		Water	#20445		12/05/2005	10:40			12/09/2005
133 - __		Water	#20543		12/05/2005	16:05			12/09/2005
134 - __		Water	#20464		12/05/2005	16:25			12/09/2005
135 - __		Water	#20550		12/03/2005	10:35			12/09/2005
136 - __		Water	#20589		12/05/2005	13:45			12/09/2005
137 - __		Water	#20625		12/03/2005	11:25			12/09/2005
138 - __		Water	#20460		12/05/2005	11:40			12/09/2005
139 - __		Water	#20571		12/05/2005	15:05			12/09/2005
140 - __		Water	#20463		12/05/2005	15:45			12/09/2005
141 - __		Water	#20451		12/06/2005	14:30			12/09/2005
142 - __		Water	#20636		12/06/2005	09:30			12/09/2005
143 - __		Water	#20470		12/06/2005	15:09			12/09/2005
144 - __		Water	#20525		12/06/2005	13:45			12/09/2005
145 - __		Water	#20557		12/06/2005	09:00			12/09/2005
146 - __		Water	#20469		12/06/2005	11:00			12/09/2005
147 - __		Water	#20559		12/06/2005	10:52			12/09/2005
148 - __		Water	#20512		12/06/2005	13:15			12/09/2005
149 - __		Water	#20605		12/06/2005	16:00			12/09/2005
150 - __		Water	#20471		12/06/2005	15:30			12/09/2005
151 - __		Water	#20560		12/06/2005	10:10			12/09/2005
152 - __		Water	#20558		12/06/2005	11:20			12/09/2005
153 - __		Water	#20462		12/06/2005	14:45			12/09/2005
154 - __		Water	#20556		12/06/2005	15:30			12/09/2005
155 - __		Water	#20459		12/06/2005	14:00			12/09/2005
156 - __		Water	#20632		12/07/2005	10:15			12/09/2005
157 - __		Water	#20594		12/07/2005	08:50			12/09/2005

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
158 - __		Water	#20600		12/07/2005	09:40			12/09/2005
159 - __		Water	#20573		12/07/2005	11:10			12/09/2005
160 - __		Water	#20578		12/07/2005	16:00			12/09/2005
161 - __		Water	#20527		12/07/2005	10:15			12/09/2005
162 - __		Water	#20472		12/07/2005	09:30			12/09/2005
163 - __		Water	#20620		12/07/2005	14:50			12/09/2005
164 - __		Water	#20555		12/07/2005	14:30			12/09/2005
165 - __		Water	#20561		12/07/2005	14:10			12/09/2005
166 - __		Water	#20539		12/07/2005	15:25			12/09/2005
167 - __		Water	#20622		12/07/2005	15:39			12/09/2005
168 - __		Water	#20621		12/07/2005	15:08			12/09/2005
169 - __		Water	#20619		12/07/2005	15:50			12/09/2005

Analysis **Comments About Results For This Analysis**

1 Metals in Solids by ICP

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3B

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	10-__	11-__	12-__	13-__	14-__
15-__	16-__	17-__	19-__	20-__	21-__	22-__
23-__	24-__	25-__	26-__	27-__	28-__	29-__
30-__	31-__	32-__				

Comments:

Ba was J-coded in samples 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, and 21. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to high recovery of this analyte in the laboratory control sample (900 LCS). The actual concentration for this analyte may be lower than the reported value.

Ba was J-coded in samples 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, and 32. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to high recovery of this analyte in the laboratory control sample (901 LCS). The actual concentration for this analyte may be lower than the reported value.

Ba was J-coded in sample 22. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to poor precision obtained for this analyte in the laboratory matrix spike and matrix spike duplicate.

1 Percent Solid

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3142.9D

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	10-__	11-__	12-__	13-__	14-__
15-__	16-__	17-__	19-__	20-__	21-__	22-__
23-__	24-__	25-__	26-__	27-__	28-__	29-__
30-__	31-__	32-__				

Comments:

(N/A)

1 Metals in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples:

101-__	102-__	103-__	104-__	105-__	106-__	107-__
108-__	109-__	110-__	111-__	112-__	113-__	114-__
115-__	116-__	117-__	118-__	119-__	120-__	121-__
122-__	123-__	124-__	125-__	126-__	127-__	128-__
129-__	130-__	131-__	132-__	133-__	134-__	135-__

Analysis **Comments About Results For This Analysis**

Samples:	136-__	137-__	138-__	139-__	140-__	141-__	142-__
	143-__	144-__	145-__	146-__	147-__	148-__	149-__
	150-__	151-__	152-__	153-__	154-__	155-__	156-__
	157-__	158-__	159-__	160-__	161-__	162-__	163-__
	164-__	165-__	166-__	167-__	168-__	169-__	

Comments:

Slight arsenic and cadmium contamination were found in the preparation and/or calibration blanks. Only samples containing these analytes at a level greater than ten times the contamination level of the blank are reported without being qualified. All samples that contained these analytes but at a level less than ten times the contamination in the blank have the result U-coded indicating that the reporting limits have been raised to the levels found in the samples. Samples affected were: arsenic in -111, -116, and -119 and cadmium in -101, -103, -110, -112, -115, and -120.

Lead in samples -121 through -124, -126 through -129, -132 through -135, -137, -139, and -140 was J-coded and in samples -125, -130, -131, -136, and -138 was UJ-coded. Positive results were J-coded and non-detect results were UJ-coded due to the serial dilution percent differences being above the control limits. The reported results for lead may be biased low by as much as 24%.

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	17.9	9.62	6.10	7.61
Barium	mg/kg	4680 J	3200 J	4410 J	3430 J
Cadmium	mg/kg	1.90	3.06	2.39	3.09
Lead	mg/kg	1170	652	604	364
1 Percent Solid					
Solids, percent	%	95.9	97.7	99.6	97.8

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5.94	5 U	5 U	7.01
Barium	mg/kg	3470 J	1110 J	1100 J	3670 J
Cadmium	mg/kg	2.21	1.79	1 U	1.42
Lead	mg/kg	358	514	1480	184
1 Percent Solid					
Solids, percent	%	97.8	96.8	92.4	97.9

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 U	6.42	8.86	28.7
Barium	mg/kg	3160 J	2390 J	4670 J	3340 J
Cadmium	mg/kg	5.82	1.36	3.98	4.91
Lead	mg/kg	581	525	435	854
1 Percent Solid					
Solids, percent	%	98.1	96.9	98.1	96.4

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	14.0	13.7	9.16	6.68
Barium	mg/kg	4880 J	3380 J	3410 J	4250 J
Cadmium	mg/kg	2.59	6.03	1.54	2.22
Lead	mg/kg	512	807	122	482
1 Percent Solid					
Solids, percent	%	99.2	99.1	98.2	99.5

Analysis/ Analyte	Units	17-__	19-__	20-__	21-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	14.0	8.13	5 U	5 U
Barium	mg/kg	4300 J	5320 J	1390 J	320 J
Cadmium	mg/kg	4.15	2.48	2.54	1.28
Lead	mg/kg	450	353	443	68.5
1 Percent Solid					
Solids, percent	%	99.2	99.5	97.4	97.4

ASR Number: 2863 **RLAB Approved Sample Analysis Results** **12/30/2005**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Analysis/ Analyte	Units	22-__	23-__	24-__	25-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	6.84	5.98	5 U	8.60
Barium	mg/kg	864 J	3520 J	3340 J	5240 J
Cadmium	mg/kg	1.10	2.52	1 U	3.29
Lead	mg/kg	100	3060	84.8	407
1 Percent Solid					
Solids, percent	%	97.8	99.4	99.5	98.5

Analysis/ Analyte	Units	26-__	27-__	28-__	29-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	7.88	5 U	10.7	6.20
Barium	mg/kg	5050 J	3240 J	4390 J	4740 J
Cadmium	mg/kg	1.74	3.18	2.11	2.24
Lead	mg/kg	468	157	815	560
1 Percent Solid					
Solids, percent	%	99.5	98.5	97.7	98.2

Analysis/ Analyte	Units	30-__	31-__	32-__	101-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	13.0	5.40	15.1	
Barium	mg/kg	4750 J	2560 J	2010 J	
Cadmium	mg/kg	5.18	2.19	2.00	
Lead	mg/kg	1010	431	226	
1 Percent Solid					
Solids, percent	%	99.3	94.0	97.5	
1 Metals in Water by ICP/MS					
Arsenic	ug/L				1.00 U
Barium	ug/L				177
Cadmium	ug/L				1.53 U
Lead	ug/L				1.00 U

Analysis/ Analyte	Units	102-__	103-__	104-__	105-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	514	1120	977	1190
Cadmium	ug/L	1.00 U	1.15 U	1.00 U	1.00 U
Lead	ug/L	13.9	5.07	1.00 U	1.35

Analysis/ Analyte	Units	106-__	107-__	108-__	109-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1190	1060	363	656
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.07	1.92	1.00 U	1.00 U

Analysis/ Analyte	Units	110-__	111-__	112-__	113-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	2.00 U	1.00 U	1.00 U
Barium	ug/L	198	16.7	309	10.0 U
Cadmium	ug/L	1.86 U	1.00 U	1.09 U	1.00 U
Lead	ug/L	4.58	39.0	1.00 U	3.34

Analysis/ Analyte	Units	114-__	115-__	116-__	117-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.60 U	1.00 U
Barium	ug/L	10.7	196	42.0	926
Cadmium	ug/L	2.21	1.41 U	1.00 U	1.00 U
Lead	ug/L	10.2	7.82	50.2	1.00 U

Analysis/ Analyte	Units	118-__	119-__	120-__	121-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.92 U	1.00 U	1.00 U
Barium	ug/L	555	10.0 U	682	496
Cadmium	ug/L	1.00 U	1.00 U	1.02 U	1.00 U
Lead	ug/L	1.00 U	2.12	1.00 U	1.32 J

Analysis/ Analyte	Units	122-__	123-__	124-__	125-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	282	552	10.0 U	477
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.01 J	1.50 J	1.27 J	1.00 UJ

Analysis/ Analyte	Units	126-__	127-__	128-__	129-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	53.1	80.8	231	154
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	6.69 J	10.3 J	3.80 J	2.99 J

Analysis/ Analyte	Units	130-__	131-__	132-__	133-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	498	456	243	63.5
Cadmium	ug/L	1.00 U	1.00 U	1.03	1.37
Lead	ug/L	1.00 UJ	1.00 UJ	10.8 J	1.52 J

Analysis/ Analyte	Units	134-__	135-__	136-__	137-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	76.6	568	765	667
Cadmium	ug/L	8.11	1.00 U	1.00 U	1.00 U
Lead	ug/L	41.3 J	1.09 J	1.00 UJ	18.9 J

Analysis/ Analyte	Units	138-__	139-__	140-__	141-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	10.0 U	823	742	121
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 UJ	41.8 J	1.80 J	1.00 U

Analysis/ Analyte	Units	142-__	143-__	144-__	145-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	10.0 U	159	217	763
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	2.21	1.00 U	1.00 U	1.00 U

Analysis/ Analyte	Units	146-__	147-__	148-__	149-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	79.8	421	83.5	286
Cadmium	ug/L	1.00 U	1.08	1.15	1.00 U
Lead	ug/L	6.54	1.00 U	1.00 U	1.00 U

Analysis/ Analyte	Units	150-__	151-__	152-__	153-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	414	1720	533	147
Cadmium	ug/L	1.00 U	1.93	1.00 U	1.00 U
Lead	ug/L	45.9	1.00 U	2.26	2.09

Analysis/ Analyte	Units	154-__	155-__	156-__	157-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	443	30.0	596	650
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	2.42
Lead	ug/L	1.00 U	73.7	2.70	83.9

Analysis/ Analyte	Units	158-__	159-__	160-__	161-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	839	658	325	325
Cadmium	ug/L	1.75	1.00 U	1.75	1.00 U
Lead	ug/L	41.3	1.03	10.6	3.89

Analysis/ Analyte	Units	162-__	163-__	164-__	165-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	185	970	847	578
Cadmium	ug/L	1.00 U	1.00 U	1.11	1.00 U
Lead	ug/L	3.80	1.00 U	1.00 U	13.8

Analysis/ Analyte	Units	166-__	167-__	168-__	169-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	716	93.8	204	990
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	2.92	1.00 U	4.15	1.00 U

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 2863

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Jeff Weatherford
SUPR/ER&R

To: Dee Simmons
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.

☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations. I understand that if I do not specify a "hold until" date, the process for proper disposal of the samples will be initiated 30 days after the date on the data transmittal.

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date:

Subject: Transmittal of Sample Analysis Results for ASR #: 2873

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jeff Weatherford
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Jeff Weatherford **Org:** SUPR/ER&R **Phone:** 913-551-7695

Project ID: JWA78D00

Project Desc: Washington County Pb District - Potosi Area

Location: Potosi **State:** Missouri **Program:** Superfund

Site Name: Washington Pb District (Potosi Area) - Removal site Evaluation - Removal Site Evaluation **Site ID:** A78D **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample

Units: Specific units in which results are reported.

% = Percent
mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 - __		Solid	#20538, C-6		12/12/2005	16:05			12/23/2005
2 - __		Solid	#20561, C-1		12/12/2005	15:25			12/23/2005
3 - __		Solid	#20478, C-1		12/12/2005	10:10			12/23/2005
4 - __		Solid	#20451, C-4		12/12/2005	09:35			12/23/2005
5 - __		Solid	#20539, C-1		12/12/2005	17:15			12/23/2005
6 - __		Solid	#20627, C-1		12/13/2005	16:58			12/23/2005
7 - __		Solid	#20530, C-1		12/17/2005	14:55			12/23/2005
8 - __		Solid	#20623, C-1		12/19/2005	08:50			12/23/2005
9 - __		Solid	#20542, C-1		12/19/2005	09:10			12/23/2005
10 - __		Solid	#20602, C-2		12/19/2005	10:30			12/23/2005
11 - __		Solid	#20603, C-3		12/19/2005	11:50			12/23/2005
12 - __		Solid	#20593, C-4		12/19/2005	11:00			12/23/2005
13 - __		Solid	#20593, C-6		12/19/2005	10:09			12/23/2005
14 - __		Solid	#30590, C-1		12/19/2005	14:35			12/23/2005
15 - __		Solid	#20604, C-1		12/19/2005	14:55			12/23/2005
16 - __		Solid	#20535, C-2		12/19/2005	13:09			12/23/2005
17 - __		Solid	#20630, C-1		12/19/2005	15:30			12/23/2005
18 - __		Solid	#20612, C-2		12/19/2005	16:40			12/23/2005
101 - __		Water	#20593		12/16/2005	15:10			12/23/2005
102 - __		Water	#20540		12/16/2005	10:00			12/23/2005
103 - __		Water	#20613		12/14/2005	14:03			12/23/2005
104 - __		Water	#20542		12/15/2005	11:00			12/23/2005
105 - __		Water	#20537		12/16/2005	13:00			12/23/2005
106 - __		Water	#20458		12/15/2005	14:40			12/23/2005
107 - __		Water	#20592		12/16/2005	14:40			12/23/2005
108 - __		Water	#20507		12/16/2005	09:30			12/23/2005
109 - __		Water	#20601		12/16/2005	15:50			12/23/2005
110 - __		Water	#20629		12/14/2005	09:40			12/23/2005
111 - __		Water	#20637		12/08/2005	10:34			12/23/2005
112 - __		Water	#20535		12/15/2005	15:40			12/23/2005
113 - __		Water	#20544		12/16/2005	10:35			12/23/2005
114 - __		Water	#20536		12/15/2005	14:10			12/23/2005
115 - __		Water	#20627		12/08/2005	09:55			12/23/2005
116 - __		Water	#20579		12/15/2005	10:10			12/23/2005
117 - __		Water	#20541		12/15/2005	09:50			12/23/2005
118 - __		Water	#20628		12/14/2005	11:10			12/23/2005
119 - __		Water	#20590		12/16/2005	13:55			12/23/2005
120 - __		Water	#20476		12/15/2005	15:05			12/23/2005
121 - __		Water	#20538		12/15/2005	10:42			12/23/2005
122 - __		Water	#20663		12/16/2005	09:00			12/23/2005
123 - __		Water	#20630		12/17/2005	09:00			12/23/2005
124 - __		Water	#20635		12/17/2005	12:27			12/23/2005
125 - __		Water	#20606		12/17/2005	12:05			12/23/2005
126 - __		Water	#20604		12/17/2005	11:00			12/23/2005

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
127 - __		Water	#20603		12/17/2005	10:00			12/23/2005
128 - __		Water	#20602		12/17/2005	09:35			12/23/2005
129 - __		Water	#20392		12/19/2005	15:10			12/23/2005
130 - __		Water	#20415		12/19/2005	15:30			12/23/2005
131 - __		Water	#20617		12/19/2005	10:55			12/23/2005
132 - __		Water	#20607		12/19/2005	09:10			12/23/2005
133 - __		Water	#20565		12/19/2005	14:20			12/23/2005
134 - __		Water	#20618		12/19/2005	10:15			12/23/2005
135 - __		Water	#20616		12/19/2005	11:25			12/23/2005
136 - __		Water	#20614		12/19/2005	13:35			12/23/2005
137 - __		Water	#20608		12/19/2005	08:50			12/23/2005
138 - __		Water	#20481		12/20/2005	11:10			12/23/2005
139 - __		Water	#20395		12/20/2005	09:10			12/23/2005
140 - __		Water	#20638		12/20/2005	14:00			12/23/2005
141 - __		Water	#20396		12/20/2005	09:50			12/23/2005
142 - __		Water	#20755		12/20/2005	10:30			12/23/2005
143 - __		Water	#20596		12/20/2005	13:00			12/23/2005
144 - __		Water	#20394		12/20/2005	08:25			12/23/2005
145 - __		Water	#20641		12/21/2005	11:50			12/23/2005
146 - __		Water	#20639		12/21/2005	13:15			12/23/2005
147 - __		Water	#20654		12/21/2005	11:25			12/23/2005
148 - __		Water	#20473		12/21/2005	16:30			12/23/2005
149 - __		Water	#20686		12/21/2005	14:00			12/23/2005
150 - __		Water	#20770		12/21/2005	14:30			12/23/2005
151 - __		Water	#20450		12/21/2005	15:30			12/23/2005
152 - __		Water	#20609		12/21/2005	10:55			12/23/2005
153 - __		Water	#20640		12/21/2005	10:20			12/23/2005

Analysis	Comments About Results For This Analysis

1 Metals in Solids by ICP

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3B

Samples: 1-__ 2-__ 3-__ 4-__ 5-__ 6-__ 7-__
8-__ 9-__ 10-__ 11-__ 12-__ 13-__ 14-__
15-__ 16-__ 17-__ 18-__

Comments:
Lead was J-coded in sample 1. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory matrix spike. The actual concentration for this analyte may be higher than the reported value.

1 Percent Solid

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3142.9D

Samples: 1-__ 2-__ 3-__ 4-__ 5-__ 6-__ 7-__
8-__ 9-__ 10-__ 11-__ 12-__ 13-__ 14-__
15-__ 16-__ 17-__ 18-__

Comments:
(N/A)

1 Metals in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples: 101-__ 102-__ 103-__ 104-__ 105-__ 106-__ 107-__
108-__ 109-__ 110-__ 111-__ 112-__ 113-__ 114-__
115-__ 116-__ 117-__ 118-__ 119-__ 120-__ 121-__
122-__ 123-__ 124-__ 125-__ 126-__ 127-__ 128-__
129-__ 130-__ 131-__ 132-__ 133-__ 134-__ 135-__
136-__ 137-__ 138-__ 139-__ 140-__ 141-__ 142-__
143-__ 144-__ 145-__ 146-__ 147-__ 148-__ 149-__
150-__ 151-__ 152-__ 153-__

Comments:
Barium in samples -101 through -120, -141 through -151, and -153 and lead in samples - 141, -143 through -145, and -153 were J-coded and barium in sample -152 and lead in samples - 142 and -146 through -152 were UJ-coded. Positive results were J-coded and non-detect results were UJ-coded due to the serial dilution percent difference being above the control limits. The reported results for barium and lead may be biased low by as much as 28% or 18%, respectively.

ASR Number: 2873 **RLAB Approved Sample Analysis Results** **01/17/2006**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	6.85	7.11	5 U	5 U
Barium	mg/kg	3590	3400	1780	1360
Cadmium	mg/kg	1.48	2.46	4.06	2.98
Lead	mg/kg	364 J	704	707	122
1 Percent Solid					
Solids, percent	%	97.3	98.9	99.5	98.0

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	16.7	5 U	17.8	5 U
Barium	mg/kg	4350	3600	3950	1020
Cadmium	mg/kg	1.05	1.76	1.31	4.48
Lead	mg/kg	268	203	389	396
1 Percent Solid					
Solids, percent	%	99.4	98.5	99.0	99.8

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	12.5	7.23	5 U	12.2
Barium	mg/kg	4200	3620	743	2590
Cadmium	mg/kg	1.37	2.64	1.11	1.08
Lead	mg/kg	374	775	190	396
1 Percent Solid					
Solids, percent	%	99.5	98.5	98.2	97.9

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	9.48	20.0	5 U	5 U
Barium	mg/kg	1170	2510	3230	1420
Cadmium	mg/kg	1.03	3.63	1 U	1 U
Lead	mg/kg	363	524	211	243
1 Percent Solid					
Solids, percent	%	98.8	99.5	98.7	98.6

Analysis/ Analyte	Units	17-__	18-__	101-__	102-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 U	5 U		
Barium	mg/kg	1760	2740		
Cadmium	mg/kg	2.94	1 U		
Lead	mg/kg	951	85.2		
1 Percent Solid					
Solids, percent	%	99.6	98.3		
1 Metals in Water by ICP/MS					
Arsenic	ug/L			1.00 U	1.00 U
Barium	ug/L			72.5 J	79.0 J
Cadmium	ug/L			1.00 U	1.00 U
Lead	ug/L			13.6	1.00 U

Analysis/ Analyte	Units	103-__	104-__	105-__	106-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	511 J	512 J	25.0 J	801 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	110	4.62	3.80	1.25

Analysis/ Analyte	Units	107-__	108-__	109-__	110-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	1100 J	197 J	1370 J	1180 J
Cadmium	ug/L	2.65	1.00 U	1.00 U	1.12
Lead	ug/L	34.5	4.37	1.86	1.10

Analysis/ Analyte	Units	111-__	112-__	113-__	114-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	987 J	1060 J	843 J	1060 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	15.3	1.00 U	6.77	1.00 U

Analysis/ Analyte	Units	115-__	116-__	117-__	118-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	169 J	303 J	17.5 J	587 J
Cadmium	ug/L	1.00 U	1.64	1.00 U	1.00 U
Lead	ug/L	13.5	1.59	3.34	5.28

Analysis/ Analyte	Units	119-__	120-__	121-__	122-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	777 J	862 J	590	757
Cadmium	ug/L	3.13	1.00 U	1.24	1.00 U
Lead	ug/L	7.08	1.46	2.58	1.00 U

Analysis/ Analyte	Units	123-__	124-__	125-__	126-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	921	413	941	731
Cadmium	ug/L	1.00 U	1.54	1.38	1.00 U
Lead	ug/L	1.00 U	5.03	4.13	15.0

Analysis/ Analyte	Units	127-__	128-__	129-__	130-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	516	729	320	45.4
Cadmium	ug/L	1.00 U	1.00 U	1.45	1.26
Lead	ug/L	32.4	2.32	6.12	4.02

Analysis/ Analyte	Units	131-__	132-__	133-__	134-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	447	453	480	300
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.45	16.7	1.00 U	18.4

Analysis/ Analyte	Units	135-__	136-__	137-__	138-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	598	350	712	337
Cadmium	ug/L	1.00 U	1.00 U	1.27	1.00 U
Lead	ug/L	4.13	5.42	1.02	31.9

Analysis/ Analyte	Units	139-__	140-__	141-__	142-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	96.2	233	80.8 J	853 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	3.78	22.3	25.2 J	1.00 UJ

Analysis/ Analyte	Units	143-__	144-__	145-__	146-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	46.0 J	39.5 J	94.9 J	33.9 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	2.67 J	8.72 J	1.10 J	1.00 UJ

Analysis/ Analyte	Units	147-__	148-__	149-__	150-__
1 Metals in Water by ICP/MS					
Arsenic	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Barium	ug/L	73.6 J	63.0 J	1070 J	762 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ

Analysis/ Analyte	Units	151-__	152-__	153-__
1 Metals in Water by ICP/MS				
Arsenic	ug/L	1.00 U	1.00 U	1.00 U
Barium	ug/L	633 J	10.0 UJ	75.3 J
Cadmium	ug/L	1.24	1.00 U	1.00 U
Lead	ug/L	1.00 UJ	1.00 UJ	1.10 J

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 2873

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Jeff Weatherford
SUPR/ER&R

To: Dee Simmons
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.

☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations. I understand that if I do not specify a "hold until" date, the process for proper disposal of the samples will be initiated 30 days after the date on the data transmittal.

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 02/13/2006

Subject: Transmittal of Sample Analysis Results for ASR #: 2901

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jeff Weatherford
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Jeff Weatherford **Org:** SUPR/ER&R **Phone:** 913-551-7695

Project ID: JWA78D00

Project Desc: Washington County Pb District - Potosi Area

Location: Potosi **State:** Missouri **Program:** Superfund

Site Name: Washington Pb District (Potosi Area) - Removal site Evaluation - Removal Site Evaluation **Site ID:** A78D **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample

Units: Specific units in which results are reported.

% = Percent
mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.

ASR Number: 2901 **Sample Information Summary** **02/13/2006**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 -	__	Solid	#20750, Cell -3		01/17/2006	13:44			01/27/2006
2 -	__	Solid	#20697, Cell-1		01/17/2006	12:51			01/27/2006
3 -	__	Solid	#20756, Cell-2		01/17/2006	09:15			01/27/2006
4 -	__	Solid	#20741, Cell-1		01/17/2006	08:50			01/27/2006
5 -	__	Solid	#20715, Cell-4		01/17/2006	09:41			01/27/2006
6 -	__	Solid	#20722, Cell-2		01/17/2006	09:56			01/27/2006
7 -	__	Solid	#20633, Cell-3		01/17/2006	14:32			01/27/2006
8 -	__	Solid	#20814, Cell-1		01/17/2006	13:32			01/27/2006
9 -	__	Solid	#20692, Cell-2		01/17/2006	12:16			01/27/2006
10 -	__	Solid	#20813, Cell-1		01/17/2006	11:08			01/27/2006
11 -	__	Solid	#20691, Cell-7		01/17/2006	10:48			01/27/2006
12 -	__	Solid	#20528, Cell-1		01/17/2006	10:35			01/27/2006
13 -	__	Solid	#20703, Cell-1		01/17/2006	14:44			01/27/2006
14 -	__	Solid	#20695, Cell-4		01/17/2006	14:58			01/27/2006
15 -	__	Solid	#20660, Cell-1		01/17/2006	15:22			01/27/2006
16 -	__	Solid	#20687, Cell-3		01/21/2006	15:42			01/27/2006
17 -	__	Solid	#20745, Cell-1		01/21/2006	17:00			01/27/2006
18 -	__	Solid	#20677, Cell-5		01/23/2006	14:52			01/27/2006
19 -	__	Solid	#20688, Cell-1		01/24/2006	10:28			01/27/2006
20 -	__	Solid	#20631, Cell-1		01/24/2006	10:10			01/27/2006
21 -	__	Solid	#20819, Cell-1		01/24/2006	09:34			01/27/2006
22 -	__	Solid	#20524, Cell-7		01/24/2006	09:27			01/27/2006
23 -	__	Solid	#20789, Cell-3		01/23/2006	15:47			01/27/2006
24 -	__	Solid	#20789, Cell-2		01/23/2006	15:45			01/27/2006
25 -	__	Solid	#20774, Cell-3		01/25/2006	10:52			01/27/2006
26 -	__	Solid	#20822, Cell-6		01/24/2006	16:49			01/27/2006
27 -	__	Solid	#20711, Cell-5		01/24/2006	14:02			01/27/2006
28 -	__	Solid	#20688, Cell-12		01/24/2006	10:55			01/27/2006
29 -	__	Solid	#20761, Cell-2		01/25/2006	11:13			01/27/2006
30 -	__	Solid	#20506, Cell-6		01/24/2006	17:22			01/27/2006
31 -	__	Solid	#20676, Cell-8		01/24/2006	14:26			01/27/2006
32 -	__	Solid	#20787, Cell-5		01/24/2006	11:37			01/27/2006
101 -	__	Water	#20506		01/21/2006	10:45			01/27/2006
102 -	__	Water	#20903		01/20/2006	14:11			01/27/2006
103 -	__	Water	#20676		01/21/2006	09:00			01/27/2006
104 -	__	Water	#20726		01/21/2006	10:35			01/27/2006
105 -	__	Water	#20746		01/20/2006	10:50			01/27/2006
106 -	__	Water	#20789		01/20/2006	14:55			01/27/2006
107 -	__	Water	#20742		01/20/2006	15:47			01/27/2006
108 -	__	Water	#20701		01/20/2006	10:30			01/27/2006
109 -	__	Water	#20687		01/20/2006	16:40			01/27/2006
110 -	__	Water	#20815		01/20/2006	10:00			01/27/2006
111 -	__	Water	#20688		01/19/2006	16:00			01/27/2006
112 -	__	Water	#20524		01/20/2006	11:10			01/27/2006

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
113 - __		Water	#20677		01/20/2006	13:50			01/27/2006
114 - __		Water	#20727		01/19/2006	15:15			01/27/2006
115 - __		Water	#20775		01/19/2006	14:02			01/27/2006
116 - __		Water	#20690		01/20/2006	14:35			01/27/2006
117 - __		Water	#20823		01/21/2006	14:09			01/27/2006
118 - __		Water	#20822		01/21/2006	13:28			01/27/2006
119 - __		Water	VIB. ICR-3, Hydrant		01/26/2006	09:15			01/27/2006
120 - __		Water	VIB. ICR-3, Sink		01/26/2006	09:25			01/27/2006
201 - __		Water	Diss. Metals sample, VIB. ICR-3, Hydrant		01/26/2006	09:17			01/27/2006
202 - __		Water	Diss. Metals sample, VIB. ICR-3, Sink		01/26/2006	09:27			01/27/2006

Analysis **Comments About Results For This Analysis**

1 Metals in Solids by ICP

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3B

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	10-__	11-__	12-__	13-__	14-__
15-__	16-__	17-__	18-__	19-__	20-__	21-__
22-__	23-__	24-__	25-__	26-__	27-__	28-__
29-__	30-__	31-__	32-__			

Comments:

Lead was J-coded in sample 1. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to high recovery of this analyte in the laboratory matrix spike. The actual concentration for this analyte may be lower than the reported value.

Cadmium was J-coded in sample 21. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory matrix spike. The actual concentration for this analyte may be higher than the reported value.

Barium, Cadmium, and Lead were J-coded in sample 21. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to poor precision obtained for this analyte in the laboratory matrix spike and matrix spike duplicate.

1 Percent Solid

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3142.9D

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	10-__	11-__	12-__	13-__	14-__
15-__	16-__	17-__	18-__	19-__	20-__	21-__
22-__	23-__	24-__	25-__	26-__	27-__	28-__
29-__	30-__	31-__	32-__			

Comments:

(N/A)

1 Metals - Dissolved, in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples: 201-__ 202-__

Comments:

1 Metals in Water by ICP/MS

Analysis **Comments About Results For This Analysis**

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples: 101-__ 102-__ 103-__ 104-__ 105-__ 106-__ 107-__
108-__ 109-__ 110-__ 111-__ 112-__ 113-__ 114-__
115-__ 116-__ 117-__ 118-__ 119-__ 120-__

Comments:

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	18.2	5 U	6.14	5.52
Barium	mg/kg	1150	760	2360	2230
Cadmium	mg/kg	3.05	3.61	2.72	2.98
Lead	mg/kg	293 J	338	347	392
1 Percent Solid					
Solids, percent	%	96.4	99.2	97.2	96.5

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5.68	22.7	6.12	10.1
Barium	mg/kg	1050	2060	2190	2130
Cadmium	mg/kg	5.04	4.99	1.87	3.74
Lead	mg/kg	313	712	218	873
1 Percent Solid					
Solids, percent	%	98.4	95.6	97.4	99.2

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 U	5 U	9.09	6.03
Barium	mg/kg	847	1060	2320	2130
Cadmium	mg/kg	1.09	6.18	1.52	2.28
Lead	mg/kg	66.8	341	385	299
1 Percent Solid					
Solids, percent	%	97.6	99.6	96.3	99.2

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	7.32	27.8	11.5	8.33
Barium	mg/kg	1790	1730	1760	1770
Cadmium	mg/kg	11.6	4.17	10.0	2.14
Lead	mg/kg	981	633	1220	407
1 Percent Solid					
Solids, percent	%	99.1	97.7	99.0	94.4

Analysis/ Analyte	Units	17-__	18-__	19-__	20-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	7.25	5 U	5 U	5 U
Barium	mg/kg	2110	895	995	2090
Cadmium	mg/kg	3.65	1.53	5.18	3.23
Lead	mg/kg	522	94.6	220	368
1 Percent Solid					
Solids, percent	%	99.3	95.3	99.6	97.5

Analysis/ Analyte	Units	21-__	22-__	23-__	24-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	14.1	5.36	10.9	12.3
Barium	mg/kg	840 J	381	2630	1990
Cadmium	mg/kg	33.0 J	0.905	4.96	4.33
Lead	mg/kg	3710 J	79.4	477	529
1 Percent Solid					
Solids, percent	%	99.3	96.8	97.0	97.6

Analysis/ Analyte	Units	25-__	26-__	27-__	28-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5.54	5 U	313	6.57
Barium	mg/kg	1030	1850	592	548
Cadmium	mg/kg	1.51	2.61	2.44	1.19
Lead	mg/kg	163	386	394	138
1 Percent Solid					
Solids, percent	%	96.9	99.7	93.7	96.8

Analysis/ Analyte	Units	29-__	30-__	31-__	32-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	8.86	5.98	7.13	6.24
Barium	mg/kg	1370	1220	1920	608
Cadmium	mg/kg	1.91	1.46	2.30	1.51
Lead	mg/kg	301	169	465	142
1 Percent Solid					
Solids, percent	%	97.0	96.8	99.3	97.3

Analysis/ Analyte	Units	101-__	102-__	103-__	104-__
1 Metals in Water by ICP/MS					
Barium	ug/L	146	10.0 U	487	74.6
Cadmium	ug/L	1.00 U	1.00 U	1.57	1.00 U
Lead	ug/L	1.00 U	1.00 U	7.32	1.00 U

Analysis/ Analyte	Units	105-__	106-__	107-__	108-__
1 Metals in Water by ICP/MS					
Barium	ug/L	169	185	157	261
Cadmium	ug/L	1.00 U	1.00 U	2.38	1.00 U
Lead	ug/L	1.00 U	1.00 U	1.00 U	19.9

Analysis/ Analyte	Units	109-__	110-__	111-__	112-__
1 Metals in Water by ICP/MS					
Barium	ug/L	400	62.1	445	10.0 U
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	9.66	2.01	1.00 U	1.00 U

Analysis/ Analyte	Units	113-__	114-__	115-__	116-__
1 Metals in Water by ICP/MS					
Barium	ug/L	187	53.8	190	205
Cadmium	ug/L	1.00 U	1.00 U	2.50	1.00 U
Lead	ug/L	1.00 U	1.00 U	16.2	1.00 U

Analysis/ Analyte	Units	117-__	118-__	119-__	120-__
1 Metals in Water by ICP/MS					
Barium	ug/L	41.4	61.3	37.8	36.2
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 U	1.00 U	1.01	1.00 U

Analysis/ Analyte	Units	201-__	202-__
1 Metals - Dissolved, in Water by ICP/MS			
Barium	ug/L	37.7	39.1
Cadmium	ug/L	1.00 U	1.00 U
Lead	ug/L	1.00 U	1.00 U

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 2901

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Jeff Weatherford
SUPR/ER&R

To: Kaye Dollmann
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.

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☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.

☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations. I understand that if I do not specify a "hold until" date, the process for proper disposal of the samples will be initiated 30 days after the date on the data transmittal.

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 02/24/2006

Subject: Transmittal of Sample Analysis Results for ASR #: 2915

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jeff Weatherford
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Jeff Weatherford **Org:** SUPR/ER&R **Phone:** 913-551-7695

Project ID: JWA78D00

Project Desc: Washington County Pb District - Potosi Area

Location: Potosi **State:** Missouri **Program:** Superfund

Site Name: Washington Pb District (Potosi Area) - Removal site Evaluation - Removal Site Evaluation **Site ID:** A78D **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample

Units: Specific units in which results are reported.

mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 - __		Solid	EPA #20690, C-2		01/29/2006	14:45			02/10/2006
2 - __		Solid	EPA #20718, C-3		01/24/2006	11:51			02/10/2006
3 - __		Solid	EPA #20794, C-1		01/25/2006	11:41			02/10/2006
4 - __		Solid	EPA #20506, C-13		01/24/2006	17:59			02/10/2006
5 - __		Solid	EPA #20709, C-1		01/25/2006	12:19			02/10/2006
6 - __		Solid	EPA #20742, C-3		01/24/2006	15:18			02/10/2006
7 - __		Solid	EPA #20771, C-4		01/25/2006	12:47			02/10/2006
8 - __		Solid	EPA #20744, C-1		01/24/2006	13:22			02/10/2006
9 - __		Solid	EPA #20506, C-25		01/24/2006	18:28			02/10/2006
10 - __		Solid	EPA #20775, C-1		01/24/2006	12:56			02/10/2006
11 - __		Solid	EPA #20705, C-2		01/24/2006	13:48			02/10/2006
12 - __		Solid	EPA #20746, C-5		01/24/2006	15:46			02/10/2006
13 - __		Solid	EPA #20791, C-1		01/25/2006	09:46			02/10/2006
14 - __		Solid	EPA #20762, C-1		01/25/2006	12:40			02/10/2006
15 - __		Solid	EPA #20796, C-5		01/25/2006	15:55			02/10/2006
16 - __		Solid	EPA #20758, C-5		01/25/2006	16:56			02/10/2006
17 - __		Solid	EPA #20779, C-4		01/25/2006	16:20			02/10/2006
18 - __		Solid	EPA #20726, C-6		01/24/2006	16:18			02/10/2006
19 - __		Solid	EPA #20785, C-1		01/25/2006	10:23			02/10/2006
20 - __		Solid	EPA #20769, C-2		01/25/2006	14:38			02/10/2006
21 - __		Solid	EPA #20453, C-6		01/25/2006	15:04			02/10/2006
22 - __		Solid	EPA #20777, C-1		01/25/2006	15:36			02/10/2006
23 - __		Solid	EPA #20811, C-4		02/06/2006	15:48			02/10/2006
24 - __		Solid	EPA #20422, C-4		02/06/2006	15:10			02/10/2006
25 - __		Solid	EPA #20757, C-10		02/06/2006	08:32			02/10/2006
26 - __		Solid	EPA #20721, C-1		01/30/2006	20:05			02/10/2006
27 - __		Solid	EPA #20811, C-2		02/06/2006	15:50			02/10/2006
28 - __		Solid	EPA #20912, C-2		02/06/2006	16:29			02/10/2006
29 - __		Solid	EPA #20972, C-4		02/06/2006	17:17			02/10/2006
30 - __		Solid	EPA #20930, C-1		02/06/2006	17:32			02/10/2006
31 - __		Solid	EPA #20956, C-5		02/07/2006	08:41			02/10/2006
32 - __		Solid	EPA #20959, C-2		02/07/2006	10:14			02/10/2006
33 - __		Solid	EPA #20963, C-1		02/07/2006	11:05			02/10/2006
34 - __		Solid	EPA #20968, C-6		02/07/2006	11:42			02/10/2006
35 - __		Solid	EPA #20971, C-5		02/07/2006	12:18			02/10/2006
36 - __		Solid	EPA #20974, C-1		02/08/2006	11:55			02/10/2006
37 - __		Solid	EPA #20957, C-5		02/08/2006	13:18			02/10/2006
38 - __		Solid	EPA #22001, Repos 4-1		02/08/2006	15:43			02/10/2006
39 - __		Solid	EPA #22002, Repos 4-2		02/08/2006	15:45			02/10/2006
40 - __		Solid	EPA #22003, Repos 3		02/08/2006	15:44			02/10/2006
41 - __		Solid	EPA #22004, Repos 3-1		02/08/2006	15:44			02/10/2006
101 - __		Water	EPA #20958		02/02/2006	14:14			02/10/2006
102 - __		Water	EPA #20966		02/02/2006	11:33			02/10/2006
103 - __		Water	EPA #20422		02/01/2006	09:23			02/10/2006

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
104 - __		Water	EPA #20930		02/02/2006	10:50			02/10/2006
105 - __		Water	EPA #20956		02/02/2006	15:28			02/10/2006
106 - __		Water	EPA #20912		02/02/2006	13:34			02/10/2006
107 - __		Water	EPA #20965		02/01/2006	15:38			02/10/2006
108 - __		Water	EPA #20971		02/01/2006	16:21			02/10/2006
109 - __		Water	EPA #20972		02/02/2006	16:10			02/10/2006
110 - __		Water	EPA #20959		02/02/2006	14:50			02/10/2006
111 - __		Water	EPA #20968		02/01/2006	14:41			02/10/2006
112 - __		Water	EPA #20973		02/01/2006	14:06			02/10/2006
113 - __		Water	EPA #20960		02/02/2006	10:20			02/10/2006
114 - __		Water	EPA #20913, Office well		02/03/2006	10:34			02/10/2006
115 - __		Water	EPA #20970		02/01/2006	11:07			02/10/2006
116 - __		Water	EPA #20955		02/01/2006	09:59			02/10/2006
117 - __		Water	EPA #20963		02/03/2006	10:05			02/10/2006
118 - __		Water	EPA #20913, House well		02/03/2006	10:35			02/10/2006
119 - __		Water	EPA #20957		02/06/2006	11:31			02/10/2006
120 - __		Water	EPA #20962		02/06/2006	13:05			02/10/2006
121 - __		Water	EPA #20964		02/06/2006	10:09			02/10/2006
122 - __		Water	EPA #20974		02/07/2006	13:15			02/10/2006

Analysis **Comments About Results For This Analysis**

1 Metals in Solids by ICP

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples:							
	1-__	2-__	3-__	4-__	5-__	6-__	7-__
	8-__	9-__	10-__	11-__	12-__	13-__	14-__
	15-__	16-__	17-__	18-__	19-__	20-__	21-__
	22-__	23-__	24-__	25-__	26-__	27-__	28-__
	29-__	30-__	31-__	32-__	33-__	34-__	35-__
	36-__	37-__	38-__	39-__	40-__	41-__	

Comments:

Slight arsenic and cadmium contamination were found in the calibration blanks. Only samples containing these analytes at a level greater than ten times the contamination level of the blank are reported without being qualified. All samples that contained these analytes but at a level less than ten times the contamination in the blank have the results U-coded indicating that the reporting limits have been raised to the levels found in the samples. Samples affected were: arsenic in -1, -4, -6, -8, -9, -11, -13, -15, -17, -18, -21, -24, -25, -29, -30, -31, -32, -34, -35, -36, and -37 and cadmium in samples -9, -12, -20, -21, -23, -24, -30, and -40.

Arsenic was detected above the method detection limit (MDL) in the interference check samples (ICS) but was not present in the ICS solution, therefore, a possibility of false positives exists. All samples that contained this analyte but at a level less than two times the highest level found in the ICS has the result J-coded indicating the possibility of false positives. Samples affected were: arsenic in -2, -3, -16, -19, -20, -22, and -41.

Arsenic in samples -1, -4, -6, -8, -9, -11, -13, -15, -17, -18, -21, -24, -25, -29, -30, -31, -32, -34, -35, -36, and -37 and cadmium in samples -4, -9, -12, -15, -16, -20, -21, -23, -24, -30, -33, -38, -39, -40, and -41 were UJ-coded and arsenic in samples -2, -3, -5, -7, -10, -12, -14, -16, -19, -20, -22, -23, -26, -27, -28, -33, -38, -39, -40, and -41 was J-coded. Positive results were J-coded and non-detects were UJ-coded due to negative recoveries of these analytes in the interference check samples (ICS) which were not present in the ICS solution but whose absolute values were greater than the method detection limits (MDL), therefore, a possibility of false negatives exists. The actual reporting limits may be higher than the reported values.

Barium was J-coded in samples -1 through -20. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to high recovery of this analyte in the laboratory control sample. The actual concentration for this analyte may be lower than the reported value.

Arsenic was J-coded in samples -22, -23, -26, -27, -28, -33, -38, -39, and -40. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory matrix spike. The actual concentration for this analyte may be higher than the reported value.

Arsenic was UJ-coded in samples -21, -24, -25, -29, -30, -31, -32, -34, -35, -36, and -37. This analyte was not found in the sample at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to low recovery of this analyte in the laboratory matrix

Analysis	Comments About Results For This Analysis

spike. The actual reporting limit for this analyte may be higher than the reported value.

1 Metals in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples: 101-__ 102-__ 103-__ 104-__ 105-__ 106-__ 107-__
108-__ 109-__ 110-__ 111-__ 112-__ 113-__ 114-__
115-__ 116-__ 117-__ 118-__ 119-__ 120-__ 121-__
122-__

Comments:

Barium in samples -101 through -109, -111, -113 through -118, -120, -121, and -122, cadmium in sample -122, and lead in samples -102 through -104, -106, -107, -109 through -111, -114 through -116, -118, and -120 were J-coded. Although the analytes in question have been positively identified in the samples, the quantitations are an estimate (J-coded) due to the peak width at 10% peak height exceeding 0.80 amu in the ICP-MS Tune. The actual concentrations for these analytes may be higher than the reported values.

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	4.32 UJ	12.6 J	12.1 J	7.47 UJ
Barium	mg/kg	5790 J	5760 J	4420 J	3160 J
Cadmium	mg/kg	4.42	7.68	9.78	0.508 UJ
Lead	mg/kg	698	855	970	179

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	17.1 J	4.94 UJ	22.7 J	8.47 UJ
Barium	mg/kg	6320 J	3760 J	2880 J	3640 J
Cadmium	mg/kg	2.04	2.44	13.8	12.8
Lead	mg/kg	487	1660	1170	942

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5.20 UJ	14.6 J	8.96 UJ	51.4 J
Barium	mg/kg	5200 J	5040 J	1750 J	2210 J
Cadmium	mg/kg	1.89 UJ	3.61	2.23	0.740 UJ
Lead	mg/kg	497	432	495	1790

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	8.30 UJ	13.3 J	6.68 UJ	9.99 J
Barium	mg/kg	3210 J	6050 J	1240 J	392 J
Cadmium	mg/kg	12.9	2.67	0.527 UJ	0.512 UJ
Lead	mg/kg	941	419	138	1310

Analysis/ Analyte	Units	17-__	18-__	19-__	20-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	7.78 UJ	6.20 UJ	10.4 J	11.8 J
Barium	mg/kg	1800 J	406 J	4550 J	1970 J
Cadmium	mg/kg	21.4	7.88	17.1	0.795 UJ
Lead	mg/kg	152	12000	1900	200

Analysis/ Analyte	Units	21-__	22-__	23-__	24-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	6.83 UJ	11.5 J	19.1 J	8.46 UJ
Barium	mg/kg	759	4170	1960	5170
Cadmium	mg/kg	1.70 UJ	8.96	0.953 UJ	0.769 UJ
Lead	mg/kg	220	716	2710	350

Analysis/ Analyte	Units	25-__	26-__	27-__	28-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	8.62 UJ	16.7 J	14.3 J	13.0 J
Barium	mg/kg	3520	4060	2380	3890
Cadmium	mg/kg	4.45	3.32	9.62	14.5
Lead	mg/kg	1270	528	1880	1110

Analysis/ Analyte	Units	29-__	30-__	31-__	32-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	7.98 UJ	8.18 UJ	8.45 UJ	8.77 UJ
Barium	mg/kg	1790	951	3140	2590
Cadmium	mg/kg	38.8	1.86 UJ	4.48	3.80
Lead	mg/kg	4230	211	1090	1230

Analysis/ Analyte	Units	33-__	34-__	35-__	36-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	12.8 J	7.20 UJ	7.13 UJ	7.93 UJ
Barium	mg/kg	3550	436	2170	2180
Cadmium	mg/kg	0.500 UJ	4.34	7.18	6.71
Lead	mg/kg	325	514	986	1050

Analysis/ Analyte	Units	37-__	38-__	39-__	40-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	7.77 UJ	23.9 J	28.6 J	27.4 J
Barium	mg/kg	159	7900	6420	5480
Cadmium	mg/kg	4.75	0.491 UJ	0.502 UJ	0.513 UJ
Lead	mg/kg	10100	552	791	472

Analysis/ Analyte	Units	41-__	101-__	102-__	103-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	9.40 J			
Barium	mg/kg	2100			
Cadmium	mg/kg	0.500 UJ			
Lead	mg/kg	499			
1 Metals in Water by ICP/MS					
Barium	ug/L		81.2 J	104 J	269 J
Cadmium	ug/L		1.00 U	1.00 U	1.00 U
Lead	ug/L		1.00 U	1.47 J	10.3 J

Analysis/ Analyte	Units	104-__	105-__	106-__	107-__
1 Metals in Water by ICP/MS					
Barium	ug/L	114 J	72.7 J	78.1 J	549 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	8.66 J	1.00 U	2.95 J	6.57 J

Analysis/ Analyte	Units	108-__	109-__	110-__	111-__
1 Metals in Water by ICP/MS					
Barium	ug/L	103 J	116 J	10.0 U	63.9 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 U	1.13 J	5.47 J	2.07 J

Analysis/ Analyte	Units	112-__	113-__	114-__	115-__
1 Metals in Water by ICP/MS					
Barium	ug/L	10.0 U	147 J	84.5 J	96.9 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 U	1.00 U	3.42 J	1.09 J

Analysis/ Analyte	Units	116-__	117-__	118-__	119-__
1 Metals in Water by ICP/MS					
Barium	ug/L	73.4 J	41.6 J	67.5 J	10.0 U
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.42 J	1.00 U	2.52 J	1.00 U

Analysis/ Analyte	Units	120-__	121-__	122-__
1 Metals in Water by ICP/MS				
Barium	ug/L	156 J	44.0 J	51.0 J
Cadmium	ug/L	1.00 U	1.00 U	1.00 J
Lead	ug/L	2.10 J	1.00 U	1.00 U

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 2915

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Jeff Weatherford
SUPR/ER&R

To: Kaye Dollmann
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.

☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations. I understand that if I do not specify a "hold until" date, the process for proper disposal of the samples will be initiated 30 days after the date on the data transmittal.

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 03/08/2006

Subject: Transmittal of Sample Analysis Results for ASR #: 2944

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jeff Weatherford
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Jeff Weatherford **Org:** SUPR/ER&R **Phone:** 913-551-7695

Project ID: JWA78D00

Project Desc: Washington County Pb District - Potosi Area

Location: Potosi **State:** Missouri **Program:** Superfund

Site Name: Washington Pb District (Potosi Area) - Removal site Evaluation - Removal Site Evaluation **Site ID:** A78D **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample

Units: Specific units in which results are reported.

% = Percent
mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.

ASR Number: 2944 **Sample Information Summary** **03/08/2006**

Project ID: JWA78D00 **Project Desc:** Washington County Pb District - Potosi Area

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 - __		Solid	EPA ID #20858, C-5		02/17/2006	18:30			02/24/2006
101 - __		Water	EPA ID #20933		02/20/2006	16:10			02/24/2006
102 - __		Water	EPA ID #20931		02/21/2006	16:04			02/24/2006
103 - __		Water	EPA ID #20925		02/20/2006	10:45			02/24/2006
104 - __		Water	EPA ID #20929		02/15/2006	14:14			02/24/2006
105 - __		Water	EPA ID #20926		02/20/2006	11:24			02/24/2006
106 - __		Water	EPA ID #20674 (After Treatment)		02/22/2006	11:10			02/24/2006
107 - __		Water	EPA ID #20674 (Before Treatment)		02/22/2006	11:10			02/24/2006
108 - __		Water	EPA ID #20934		02/20/2006	15:28			02/24/2006
109 - __		Water	EPA ID #20975		02/20/2006	10:15			02/24/2006
110 - __		Water	EPA ID #20977		02/20/2006	16:30			02/24/2006
111 - __		Water	EPA ID #20978		02/20/2006	17:18			02/24/2006
112 - __		Water	EPA ID #20976		02/20/2006	15:51			02/24/2006
113 - __		Water	EPA ID #20673		02/20/2006	14:11			02/24/2006
114 - __		Water	EPA ID #20679		02/20/2006	15:40			02/24/2006
115 - __		Water	EPA ID #20732		02/20/2006	13:08			02/24/2006
116 - __		Water	EPA ID #20713		02/20/2006	15:08			02/24/2006
117 - __		Water	EPA ID #20979		02/20/2006	16:50			02/24/2006
118 - __		Water	EPA ID #20858		02/15/2006	15:11			02/24/2006
119 - __		Water	EPA ID #20849		02/20/2006	10:30			02/24/2006
120 - __		Water	ICR #134		02/14/2006	14:25			02/24/2006

Analysis **Comments About Results For This Analysis**

1 Metals in Solids by ICP

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3B

Samples: 1-__

Comments:

Lead was J-coded in sample 1. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory matrix spike. The actual concentration for this analyte may be higher than the reported value.

1 Percent Solid

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3142.9D

Samples: 1-__

Comments:

(N/A)

1 Metals in Water by ICP/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples: 101-__ 102-__ 103-__ 104-__ 105-__ 106-__ 107-__
108-__ 109-__ 110-__ 111-__ 112-__ 113-__ 114-__
115-__ 116-__ 117-__ 118-__ 119-__ 120-__

Comments:

Analysis/ Analyte	Units	1-__	101-__	102-__	103-__
1 Metals in Solids by ICP					
Barium	mg/kg	2020			
Cadmium	mg/kg	1.30			
Lead	mg/kg	167 J			
1 Percent Solid					
Solids, percent	%	97.8			
1 Metals in Water by ICP/MS					
Barium	ug/L		785	400	167
Cadmium	ug/L		1.06	1.00 U	1.00 U
Lead	ug/L		1.81	1.00 U	1.00 U

Analysis/ Analyte	Units	104-__	105-__	106-__	107-__
1 Metals in Water by ICP/MS					
Barium	ug/L	104	113	10.0 U	600
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	2.03	1.00 U	1.00 U	1.00 U

Analysis/ Analyte	Units	108-__	109-__	110-__	111-__
1 Metals in Water by ICP/MS					
Barium	ug/L	255	550	713	556
Cadmium	ug/L	1.00 U	1.00 U	1.00 U	1.00 U
Lead	ug/L	1.00 U	1.00 U	1.00 U	1.00 U

Analysis/ Analyte	Units	112-__	113-__	114-__	115-__
1 Metals in Water by ICP/MS					
Barium	ug/L	669	605	1060	1150
Cadmium	ug/L	1.00 U	1.28	1.00 U	1.00 U
Lead	ug/L	1.20	1.00 U	1.00 U	3.68

Analysis/ Analyte	Units	116-__	117-__	118-__	119-__
1 Metals in Water by ICP/MS					
Barium	ug/L	970	516	72.2	574
Cadmium	ug/L	1.34	1.00 U	1.00 U	1.00 U
Lead	ug/L	3.07	1.00 U	1.00 U	1.00 U

Analysis/ Analyte	Units	120-__
1 Metals in Water by ICP/MS		
Barium	ug/L	11.0
Cadmium	ug/L	1.00 U
Lead	ug/L	1.00 U

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 2944

Project ID: JWA78D00

Project Description: Washington County Pb District - Potosi Area

From: Jeff Weatherford
SUPR/ER&R

To: Kaye Dollmann
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.

☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.

☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations. I understand that if I do not specify a "hold until" date, the process for proper disposal of the samples will be initiated 30 days after the date on the data transmittal.

Appendix B

Field Data Sheets

5008

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

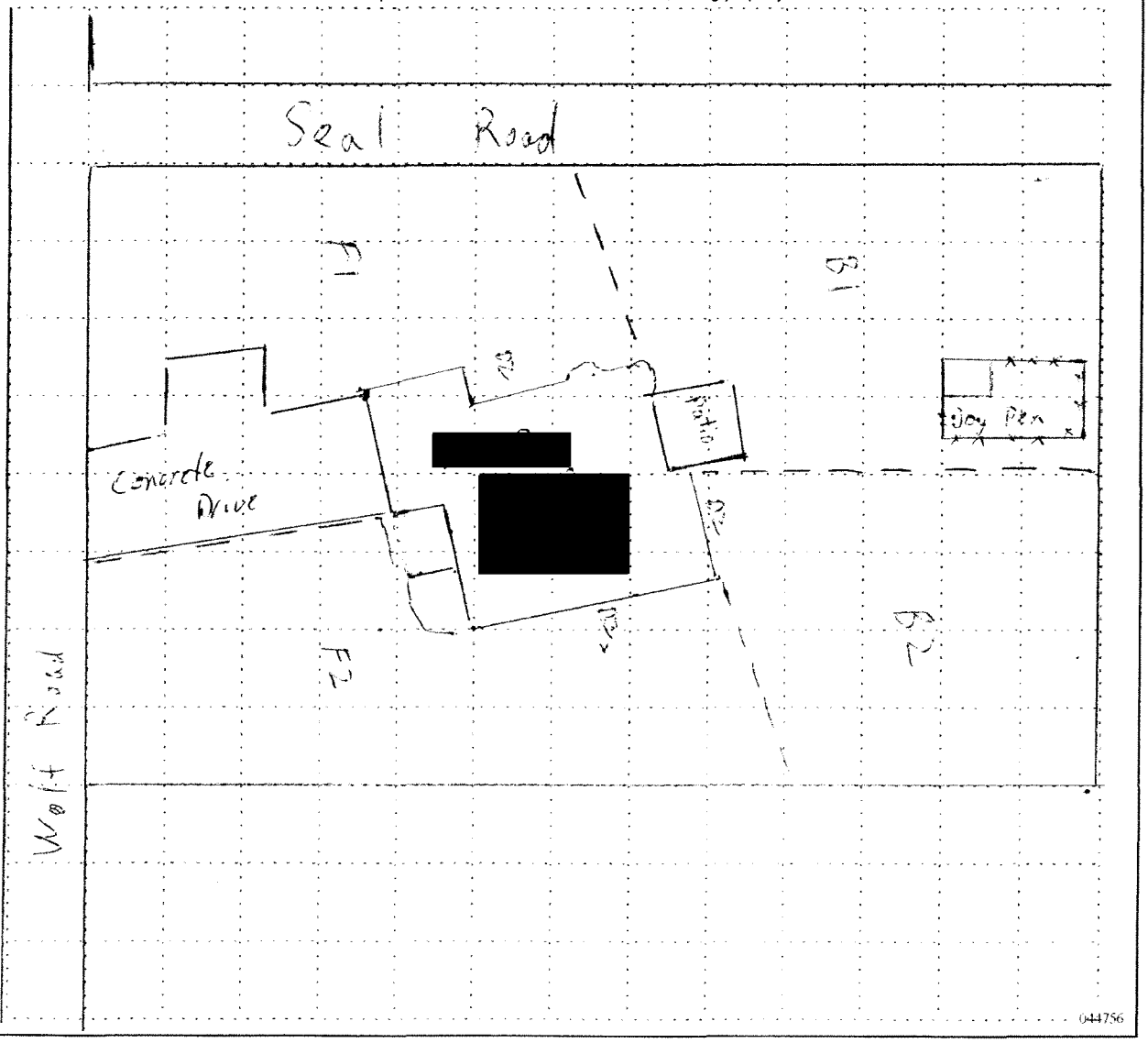
North Arrow: ↑ N

Sample Number	Lead Concentration	Sample Collected	LAB
F1	765 ppm	☑	☐
F2	458 ppm	☑	☐
B1	468 ppm	☑	☐
B2	893 ppm	☑	☑
DZ	770 ppm	☑	☐
GZ	ppm	☐	☐
PZ	ppm	☐	☐
water	Number of Samples =	5	1

Samples Collected
Firm: Professional Environmental
Date: 8-19-08
Time: 2:06 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-20-08
Time: 13:30
Staff: CEMS

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 20 feet

Water-

5012

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint: ☐ Good ☐ Poor ☐ Not paint

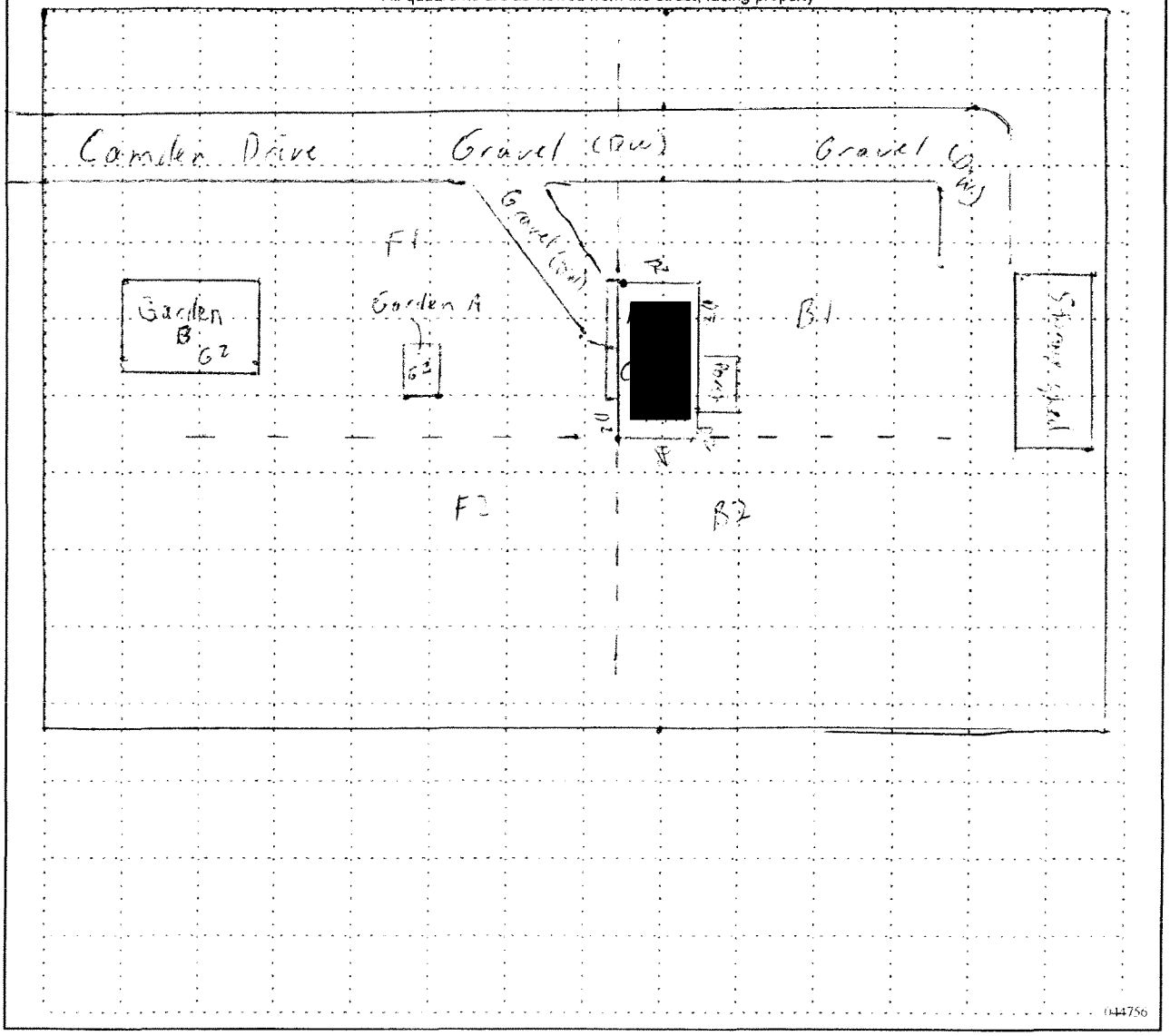
North Arrow: N

Sample Number		Lead Concentration		Sample Collected	LAB
	F1	2884	ppm	☑	☑
	F2	99	ppm	☑	☐
	B1	45	ppm	☑	☐
	B2	253	ppm	☑	☐
	DZ	2113	ppm	☑	☐
	GZ	1218	ppm	☑	☐
DW	~~PZ~~	390	ppm	☑	☐
water		Number of Samples =		7	1

Samples Collected
Firm: Professional Environmental
Date: August 21, 2008
Time: 10:30 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-25-08
Time: 12:00
Staff: CRMT

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 30 feet

5013

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↑

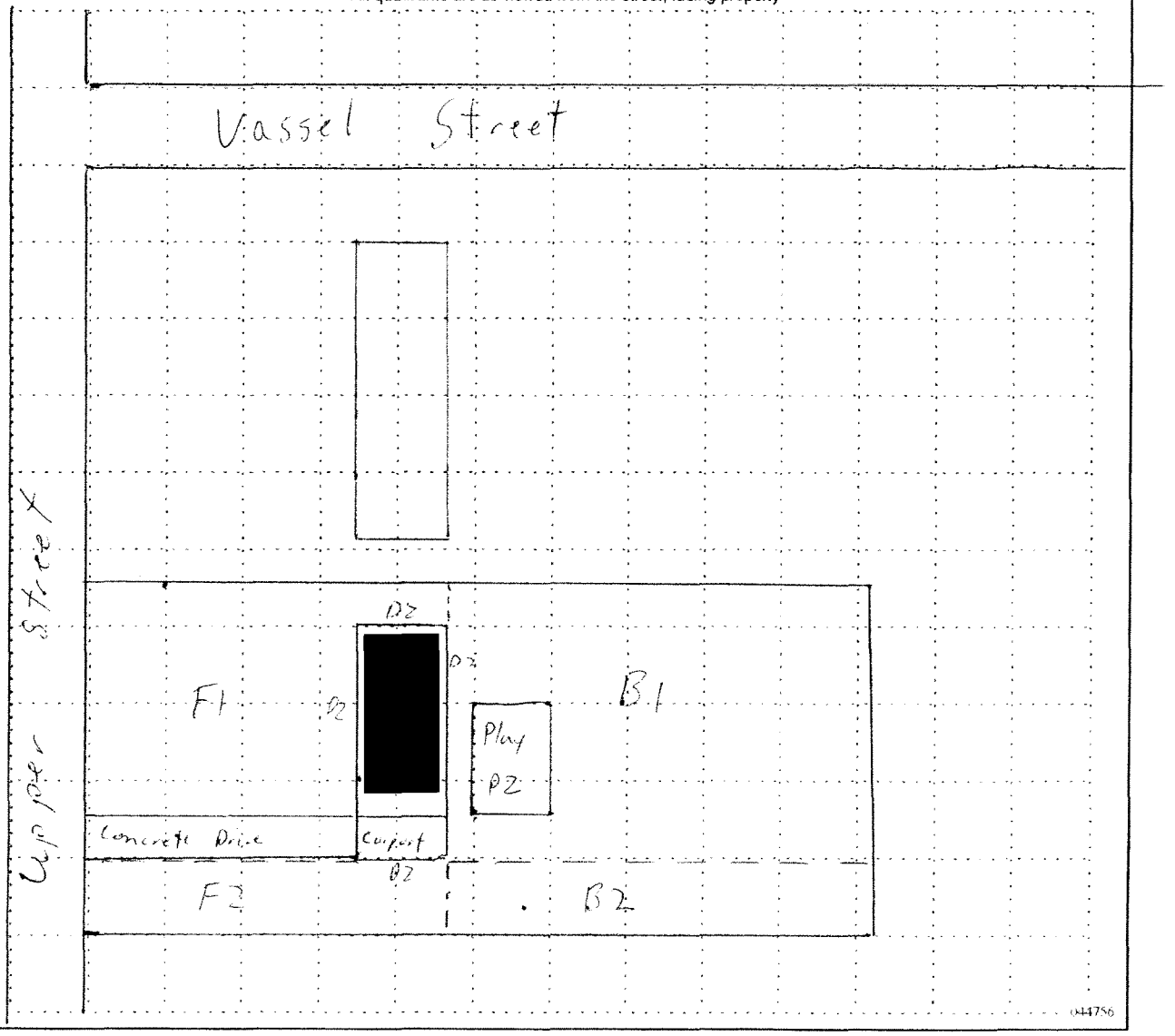
Sample Number	Lead Concentration		Sample Collected	LAB
F1	855	ppm	☑	☑
F2	485	ppm	☑	☐
B1	494	ppm	☑	☐
B2	534	ppm	☑	☐
DZ	348	ppm	☑	☐
GZ		ppm	☐	☐
PZ	242	ppm	☑	☐
Number of Samples =			6	1

Samples Collected
- Firm: Professional Environmental
- Date: 8-20-08
- Time: 9:03 AM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-21-08
- Time: 14:45
- Staff: CRM

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 Square = 20 feet

5014

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N

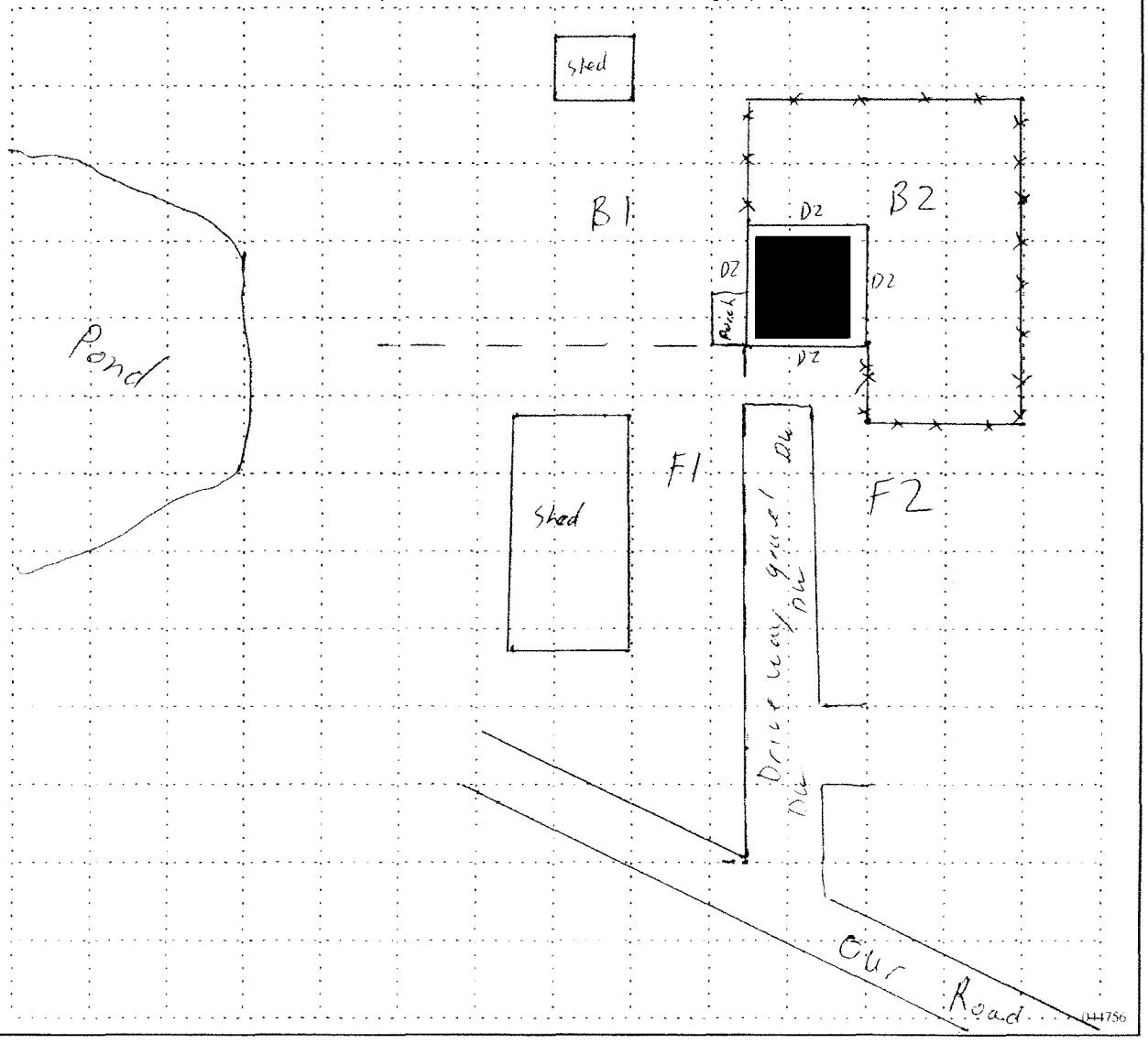
Sample Number	Lead Concentration		Sample Collected	LAB
F1	994	ppm	☑	☐
F2	806	ppm	☑	☐
B1	517	ppm	☑	☐
B2	537	ppm	☑	☐
DZ	637	ppm	☑	☐
DW ~~GZ~~ B	442	ppm	☑	☐
PZ		ppm	☐	☐
Number of Samples =			6	

Samples Collected
- Firm: Professional Environmental
- Date: 8-29-08
- Time: 10:00 AM

Samples Analyzed
- XRF Unit: 8837 Book: 3
- Date: 9-3-08
- Time: 06:30
- Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 Square = 25 feet

[redacted]

20008

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: → N

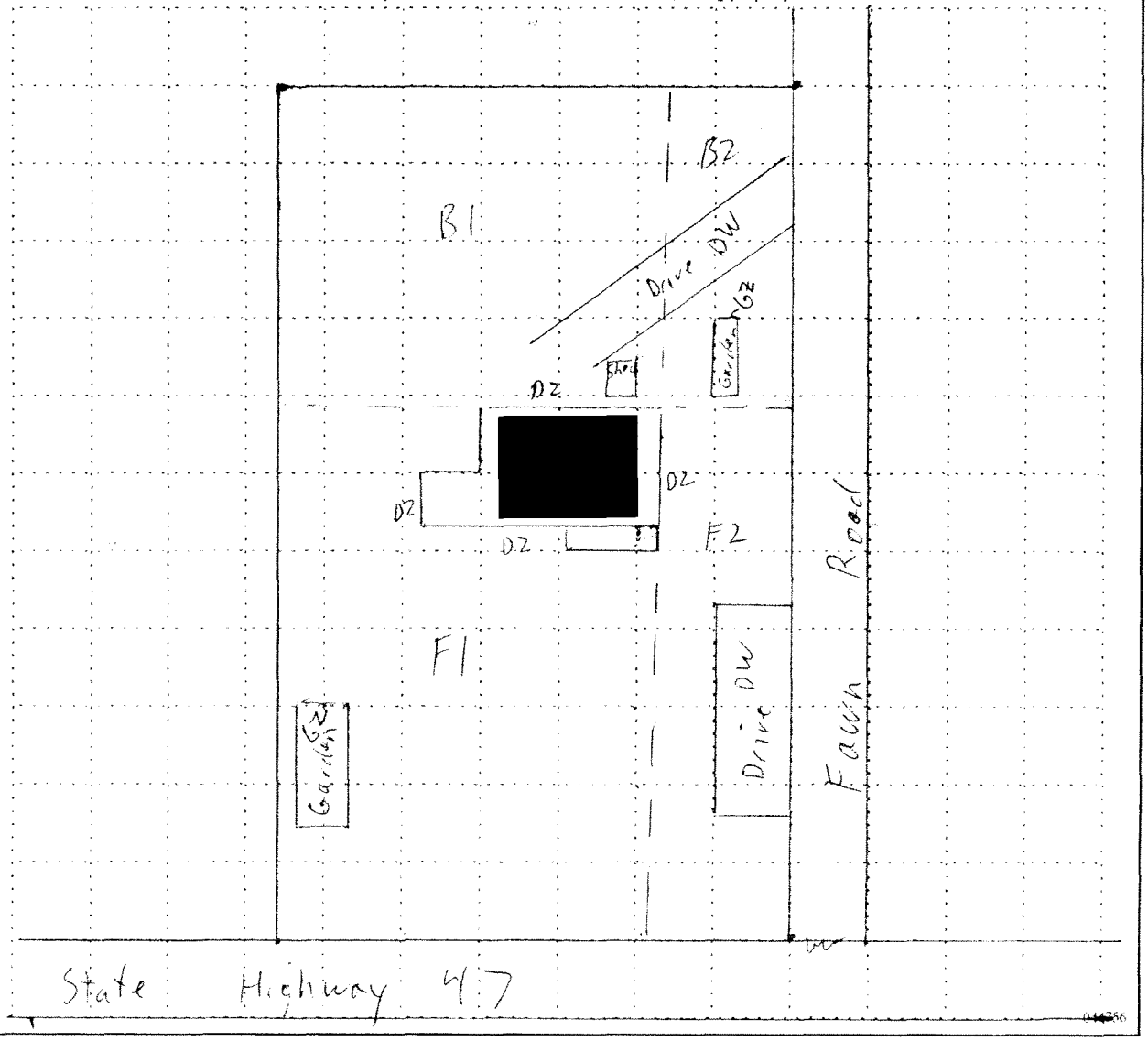
Sample Number	Lead Concentration	Sample Collected	LAB
F1	585 ppm	☑	☐
F2	22 ppm	☑	☐
B1	1291 ppm	☑	☐
B2	1294 ppm	☑	☐
DZ	698 ppm	☑	☐
GZ	522 ppm	☑	☐
DW ~~PZ~~	1651 ppm	☑	☐
Number of Samples =	7		

Samples Collected
- Firm: PE, SLB, WC
- Date: 7-31-08
- Time: 2:00 PM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-5-08
- Time: 10:30
- Staff: CEMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



Water-

20027

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↑

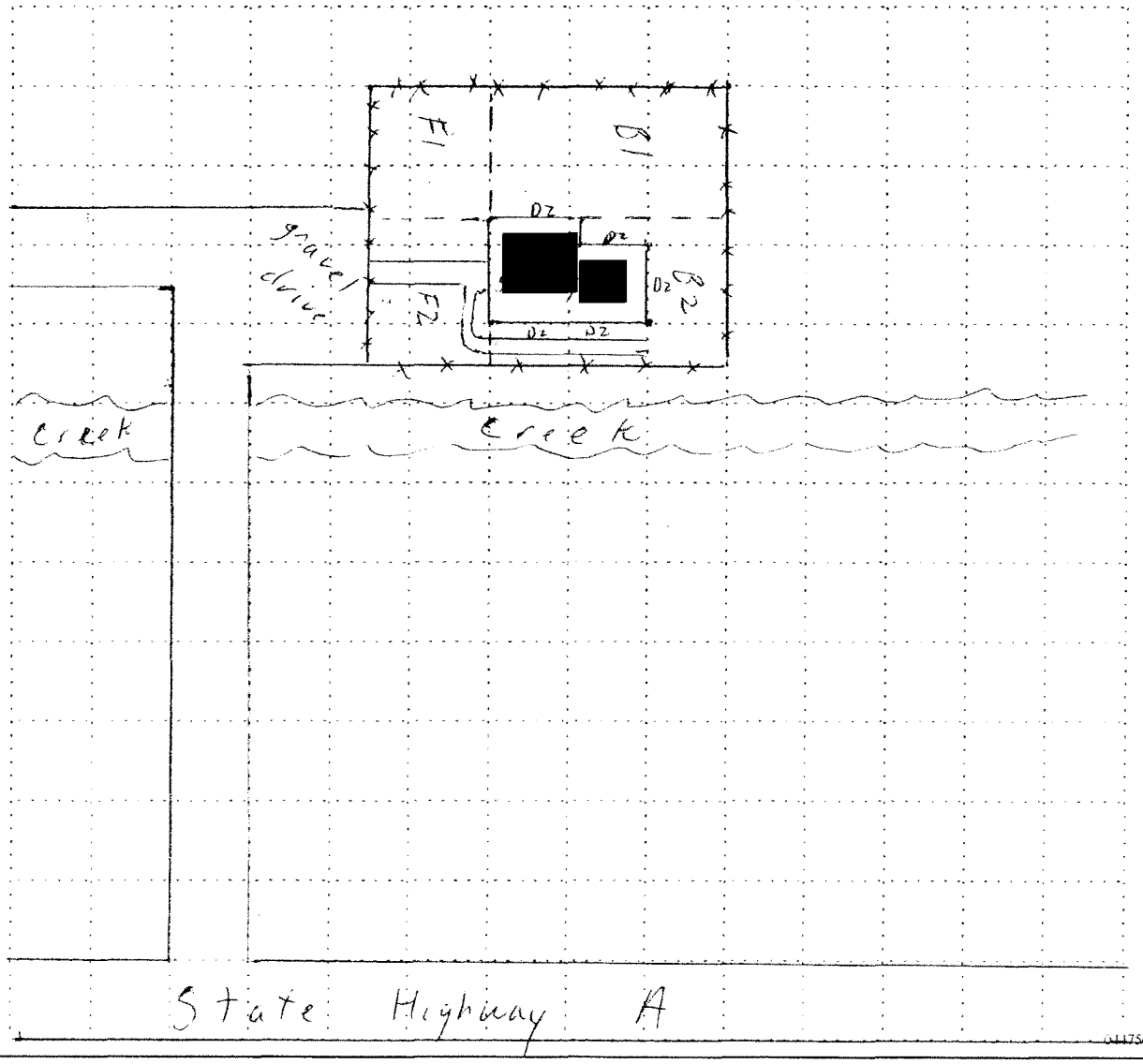
Sample Number	Lead Concentration		Sample Collected	LAB
F1	332	ppm	☑	☐
F2	1054	ppm	☑	☐
B1	390	ppm	☑	☐
B2	498	ppm	☑	☐
DZ	1482	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
water	Number of Samples =		5	

Samples Collected
- Firm: Professional Environmental
- Date: August 4, 2008
- Time: 1100 AM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-5-08
- Time: 14:15
- Staff: CRM B

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 square = 2 feet

Water -

8

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N

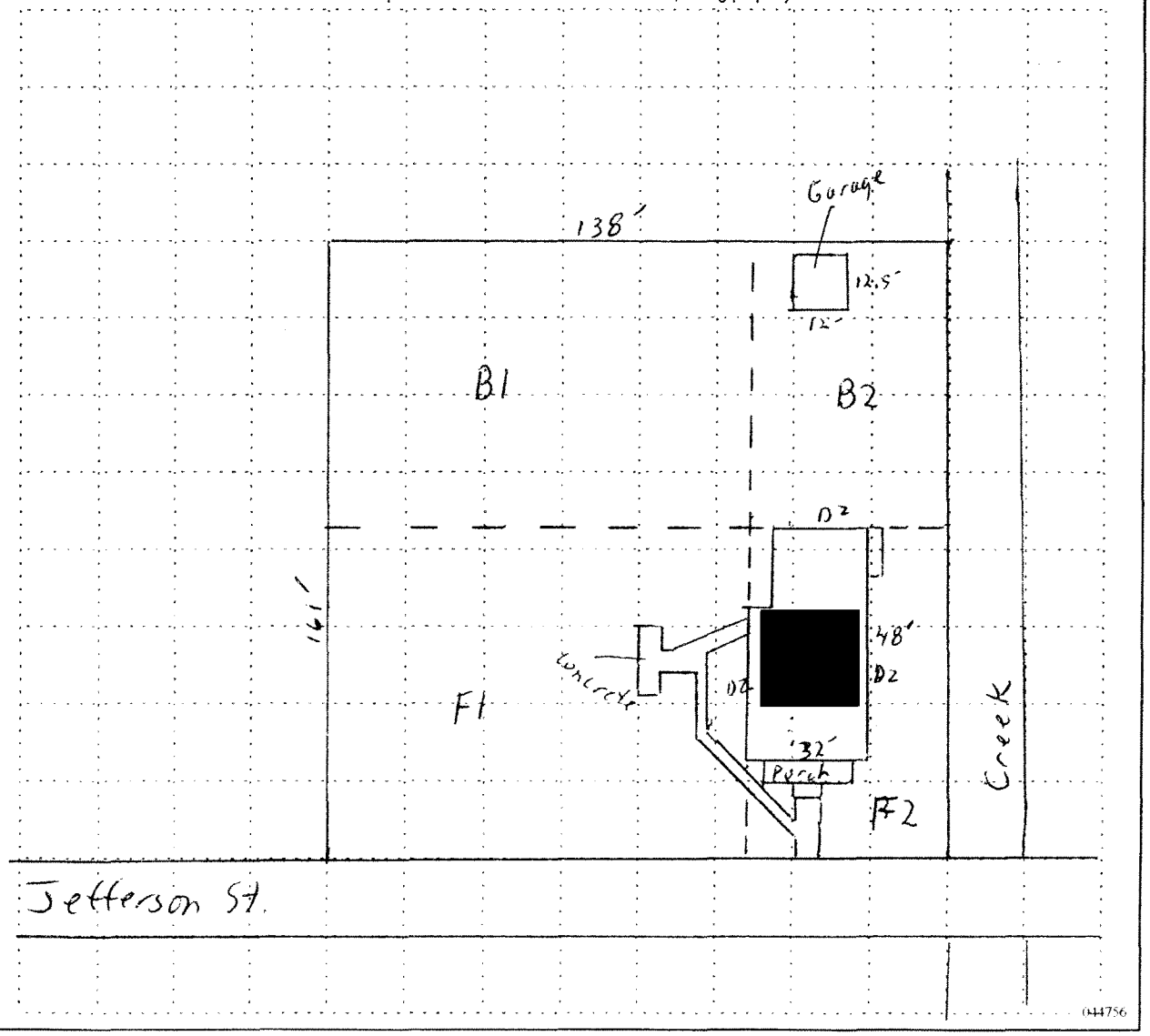
Sample Number	Lead Concentration		Sample Collected	LAB
F1	5089	ppm	☑	☐
F2	1117	ppm	☑	☐
B1	4400	ppm	☑	☐
B2	2649	ppm	☑	☐
DZ	5713	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
	Number of Samples =		5	

Samples Collected
Firm: PE, slb, wc
Date: 7-18-08
Time: 12:11 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-23-08
Time: 10:20
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



Water

69

Potosi Site Sketch 69

Sampling Address: [redacted]

Exterior Paint: ☐ Good ☐ Poor ☐ Not paint

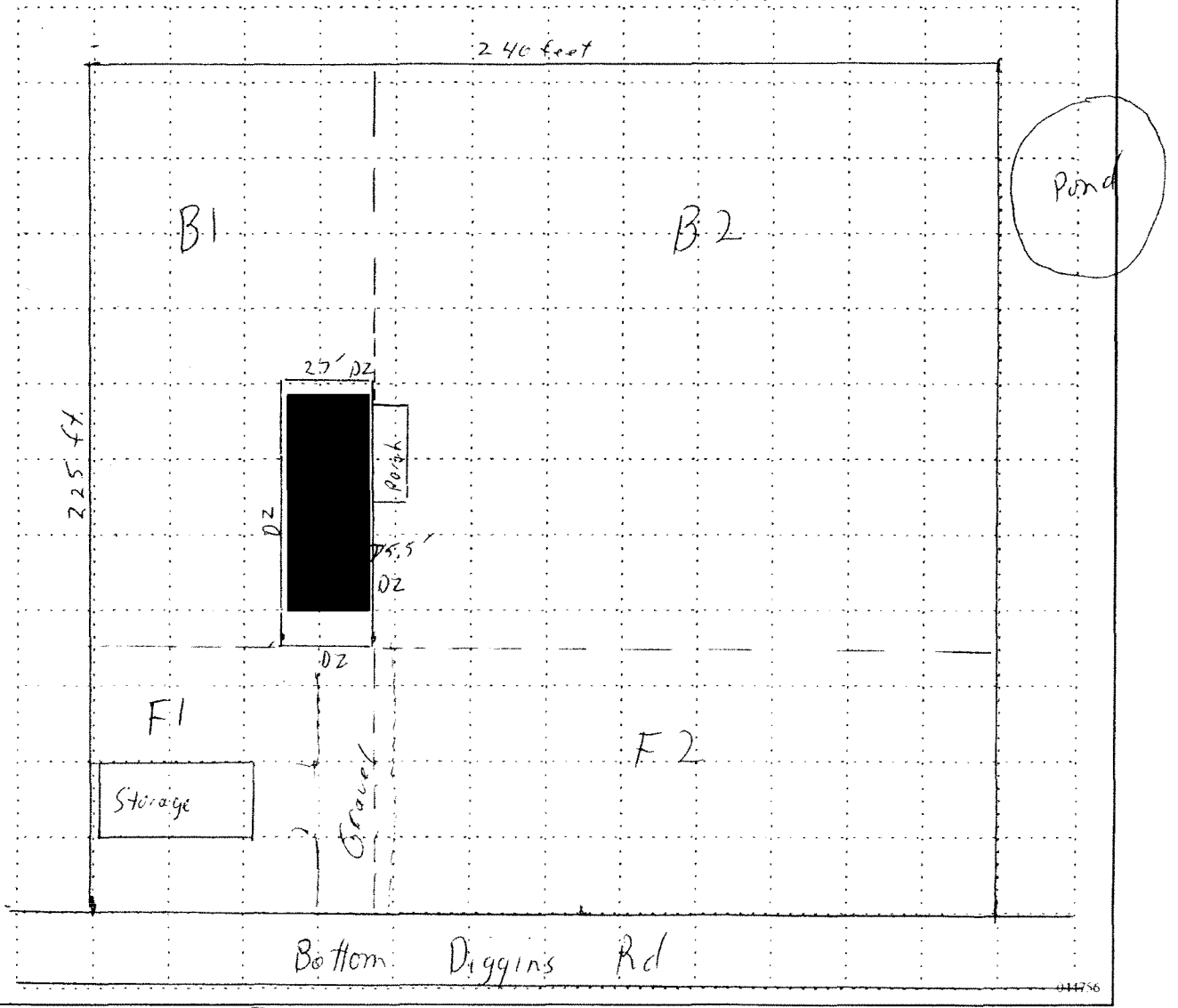
North Arrow: N

Sample Number	Lead Concentration	Sample Collected	LAB
F1	851 ppm	☑	☐
F2	204 ppm	☑	☐
B1	227 ppm	☑	☐
B2	428 ppm	☑	☐
DZ	378 ppm	☑	☐
GZ	ppm	☐	☐
PZ	ppm	☐	☐
Number of Samples =		5	

Samples Collected
Firm: PE, WC, SCB
Date: 7-23-08
Time: 10:16 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-24-08
Time: 10:50
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



Water - ND < 50 mg/L

438

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

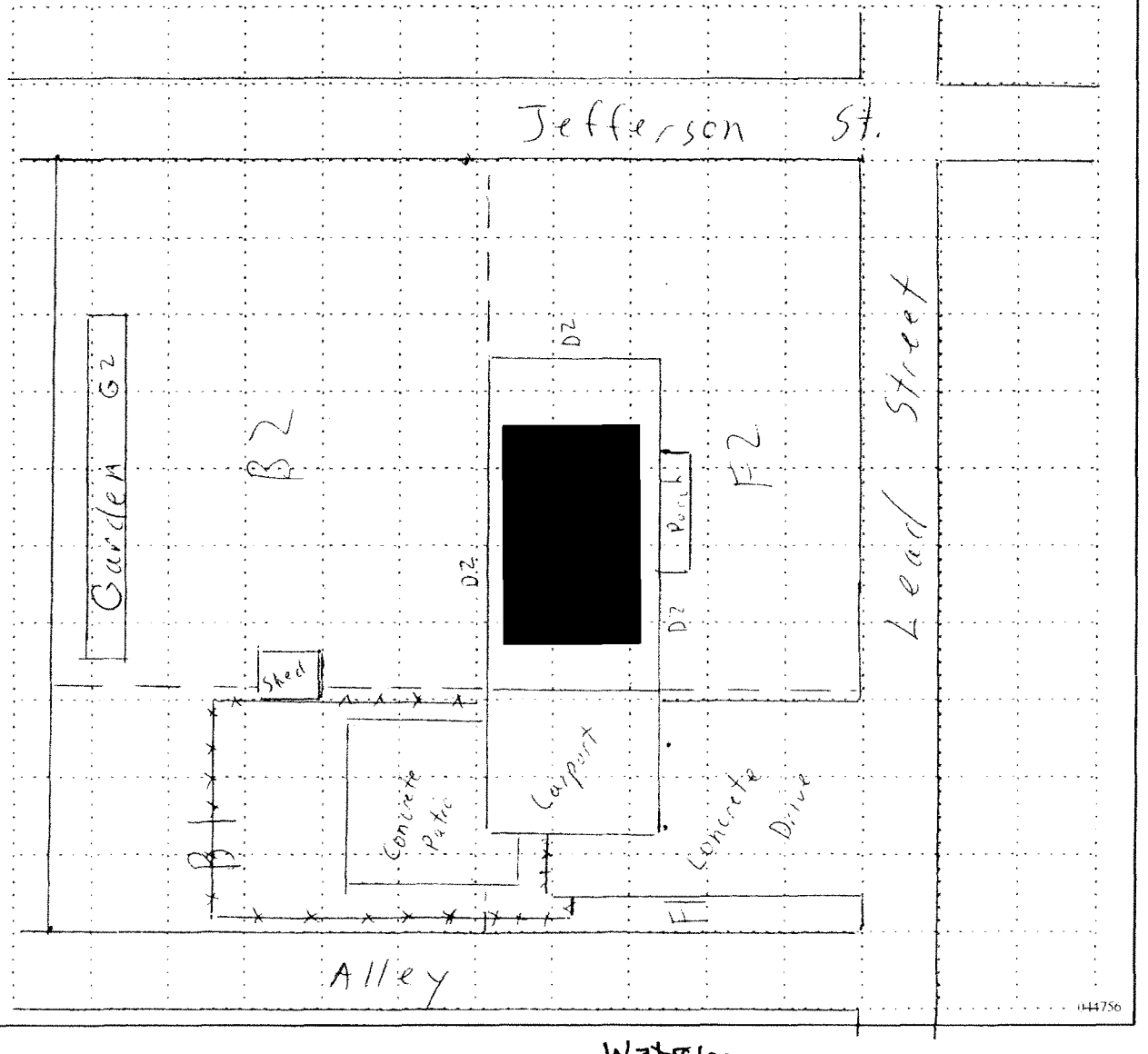
North Arrow: N

Sample Number	Lead Concentration		Sample Collected	LAB
F1	491	ppm	☑	☐
F2	1238	ppm	☑	☑
B1	303	ppm	☑	☐
B2	153	ppm	☑	☐
DZ	224	ppm	☑	☐
GZ	162	ppm	☑	☐
PZ		ppm	☐	☐
water	Number of Samples =		6	1

Samples Collected
- Firm: Professional Environmental
- Date: 8-12-08
- Time: 9:05 AM

Samples Analyzed
- XRF Unit: 9832 Book: 3
- Date: 8-13-08
- Time: 7:07
- Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 Square = 15 feet

Water

486

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: ↑ N

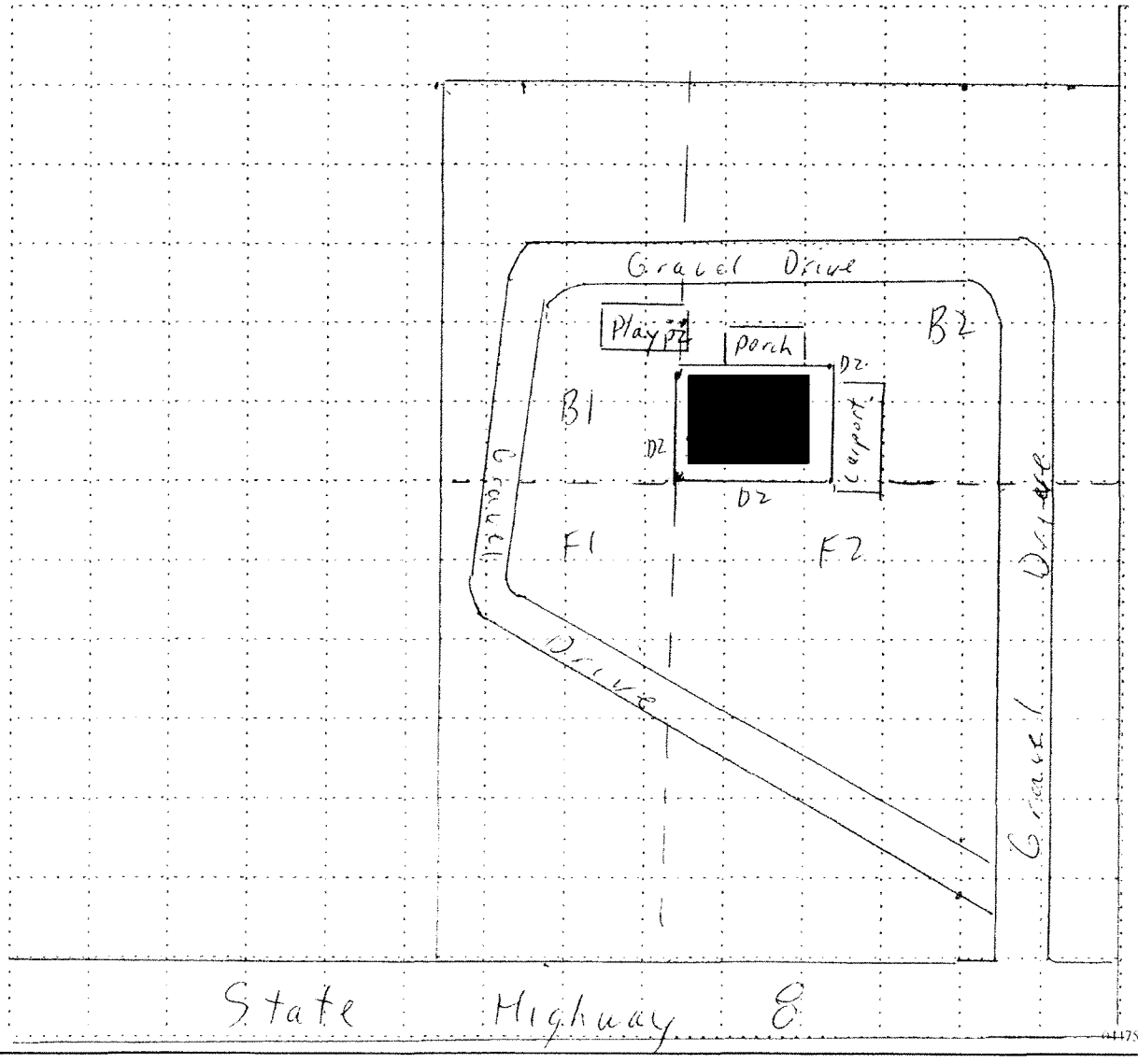
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	393	ppm	☑	☐
	F2	763	ppm	☑	☐
	B1	1331	ppm	☑	☑
	B2	977	ppm	☑	☐
	DZ	1288	ppm	☑	☐
DW ~~GZ~~		1502	ppm	☑	☐
	PZ	601	ppm	☑	☐
		Number of Samples =		7	1

Samples Collected
- Firm: Professional Environmental
- Date: 8-13-08
- Time: 5:17 PM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-19-08
- Time: 14:10
- Staff: CEM B

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 Square = 23 feet

510

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

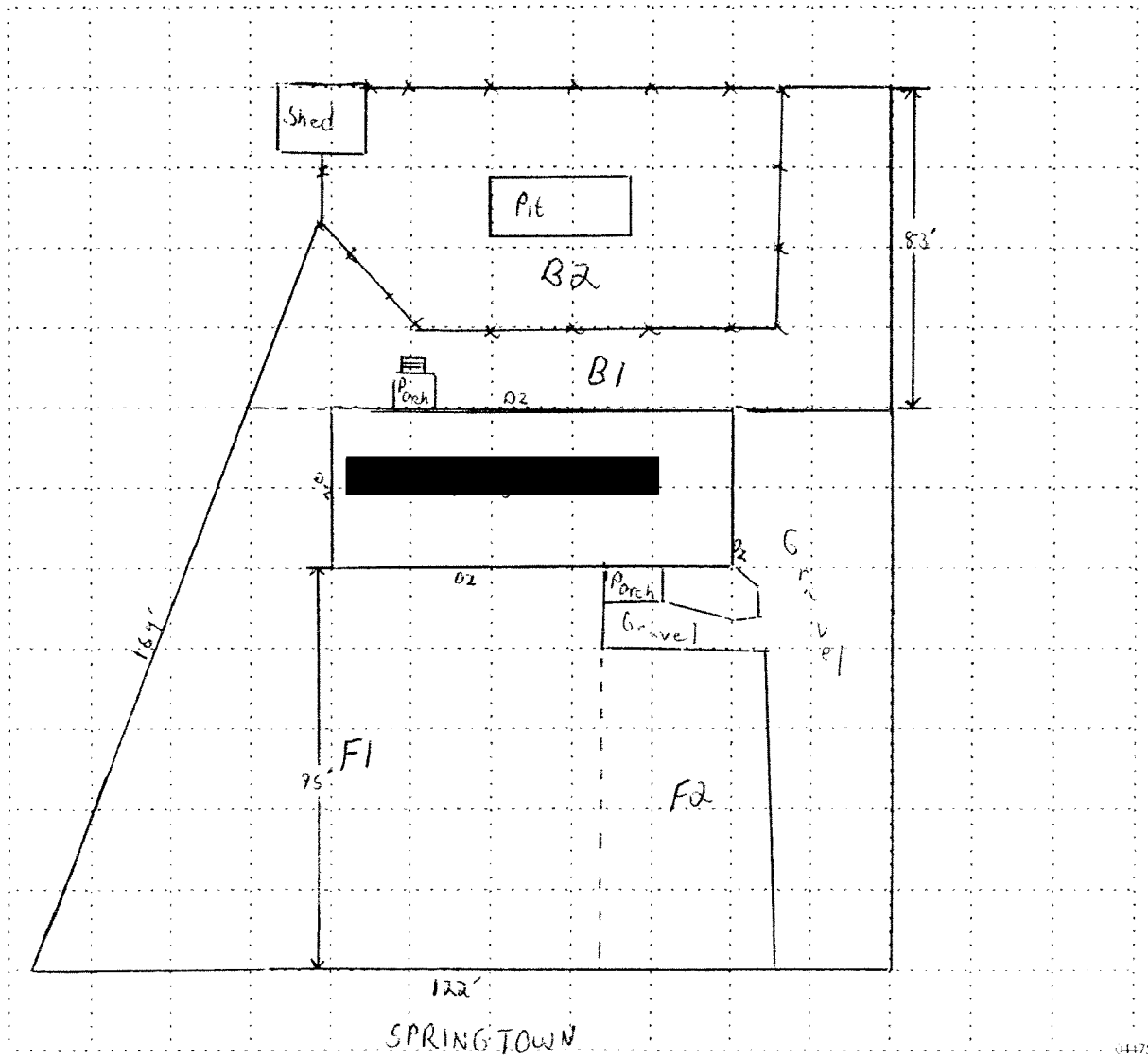
North Arrow

Sample Number	Lead Concentration		Sample Collected	LAB
F1	49	ppm	☑	☐
F2	44	ppm	☑	☐
B1	40	ppm	☑	☐
B2	39	ppm	☑	☐
DZ	44	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
Number of Samples =			5	

Samples Collected
Firm: PE SLB/WRC
Date: 7-15-08
Time: 1:30 pm

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-22-08
Time: 8:00
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1612

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N

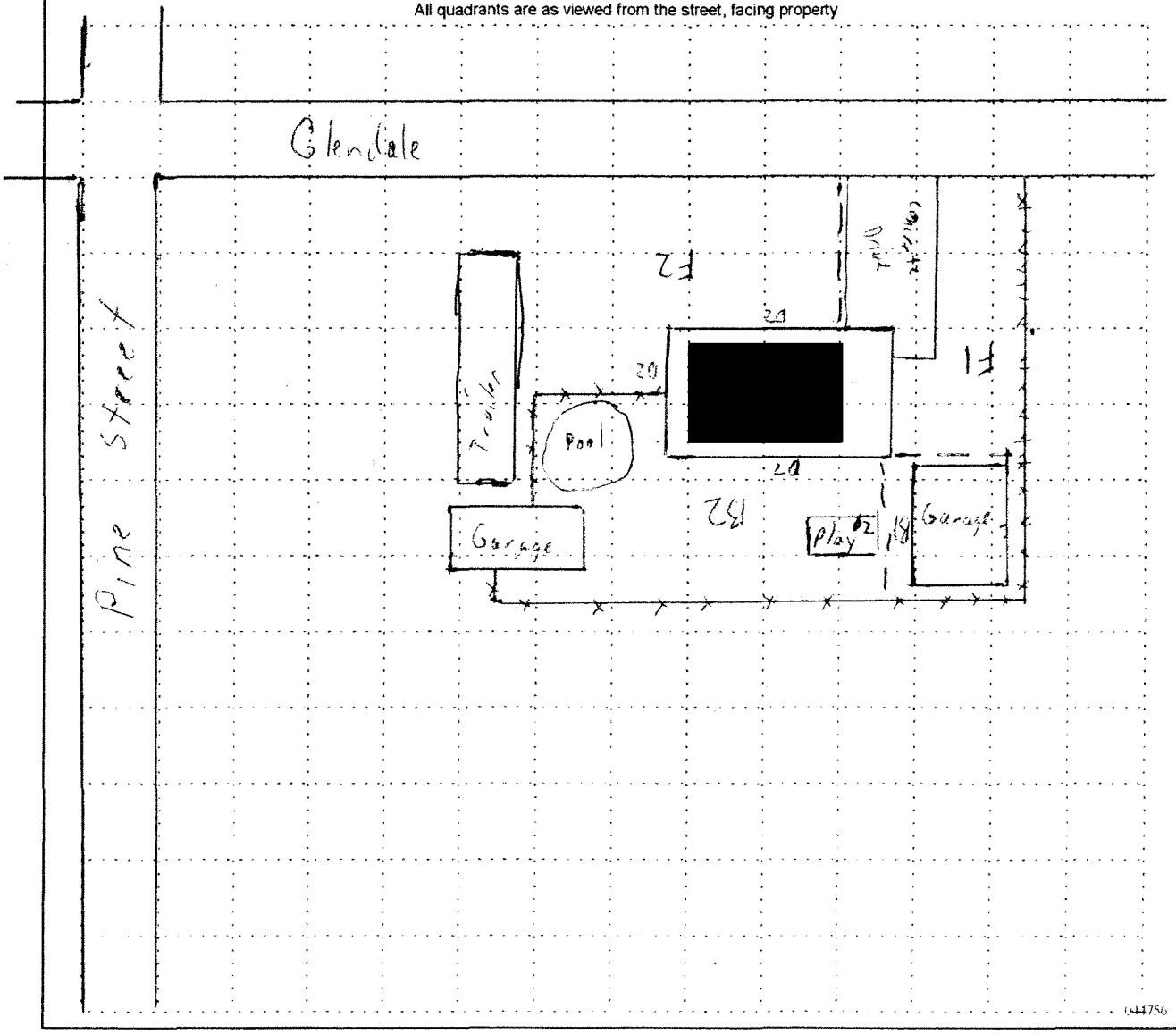
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	533	ppm	☑	☐
	F2	297	ppm	☑	☐
	B1	134	ppm	☑	☑
	B2	163	ppm	☑	☐
	DZ	153	ppm	☑	☐
	GZ		ppm	☐	☐
	PZ	103	ppm	☑	☐
			Number of Samples =	6	1

Samples Collected
- Firm: Professional Environmental
- Date: August 16 2008
- Time: 12:16 AM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-13-08
- Time: 08:25
- Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 Square = 21 feet

1634

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↑

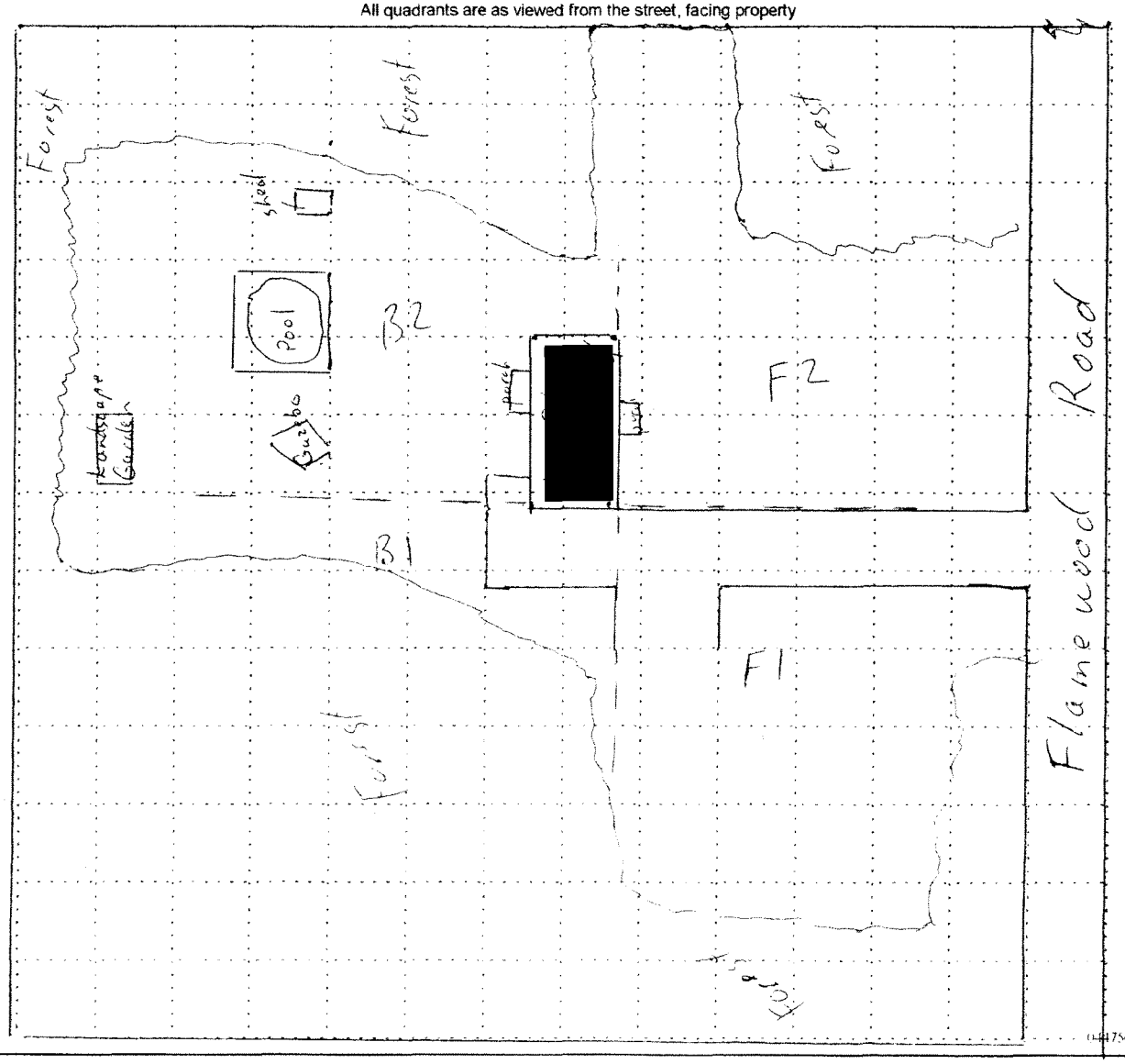
Sample Number	Lead Concentration		Sample Collected	LAB
F1	1134	ppm	☑	☐
F2	295	ppm	☑	☐
B1	103	ppm	☑	☐
B2	111	ppm	☑	☐
DZ		ppm	☐	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
Number of Samples =			4	

Samples Collected
Firm: Professional Environmental
Date: August 27, 2008
Time: 4:00 pm

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-28-08
Time: 09:00
Staff: CRM

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 square = 30 feet

1643

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: → N

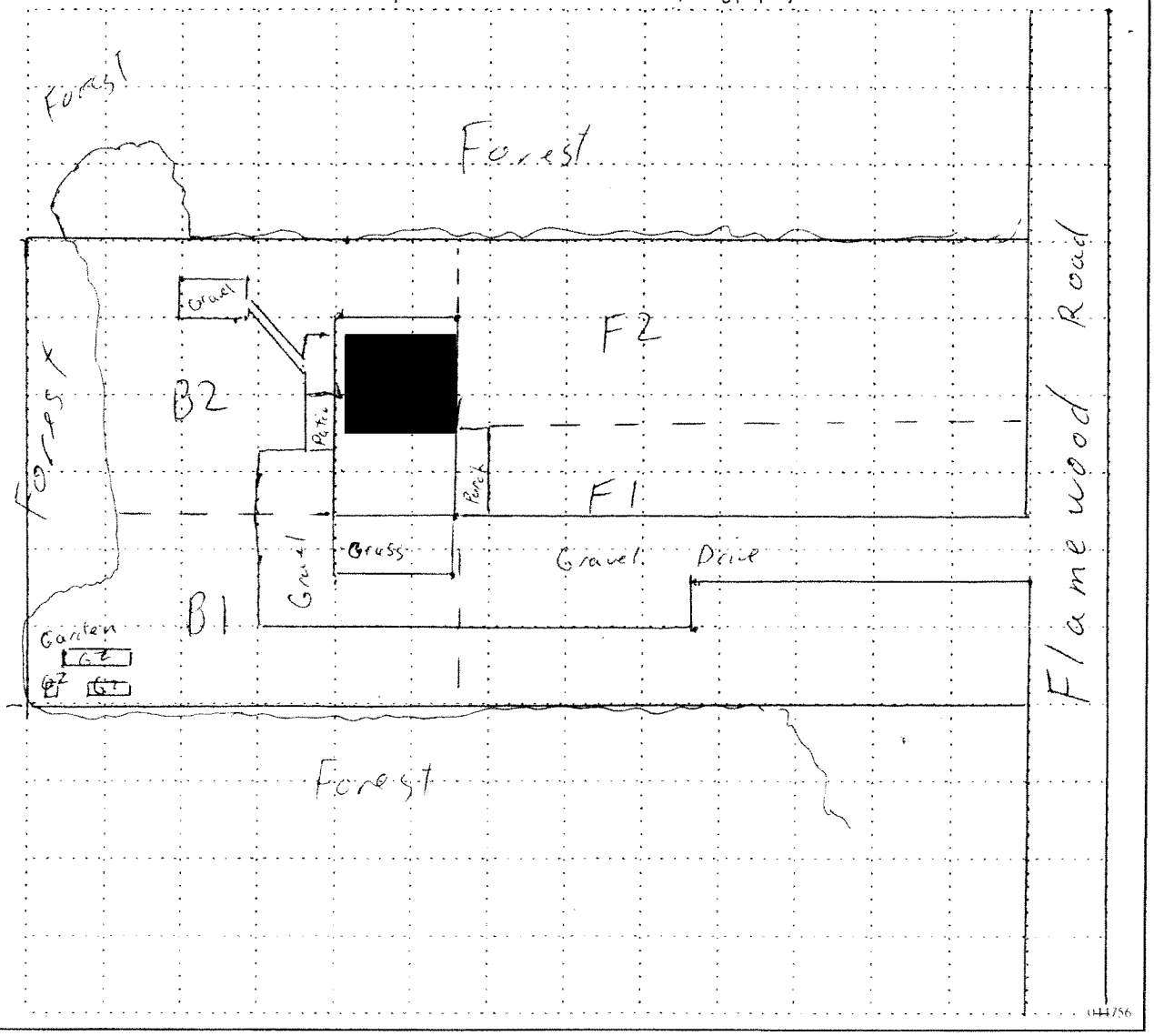
Sample Number	Lead Concentration		Sample Collected	LAB
F1	435	ppm	☑	☐
F2	176	ppm	☑	☐
B1	390	ppm	☑	☐
B2	104	ppm	☑	☐
DZ	245	ppm	☐	☐
GZ		ppm	☑	☐
PZ	13	ppm	☐	☐
Number of Samples =	5			

Samples Collected
Firm: Professional Environmental
Date: August 27, 2008
Time: 2:00 PM

Samples Analyzed
XRF Unit: 882 Book: 3
Date: 8-28-08
Time: 11:15
Staff: CEMT

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 square = 20 feet

1653

Potosi Site
Site Sketch

Exterior Paint
☐ Good
☐ Poor
☐ Not paint

North Arrow: N

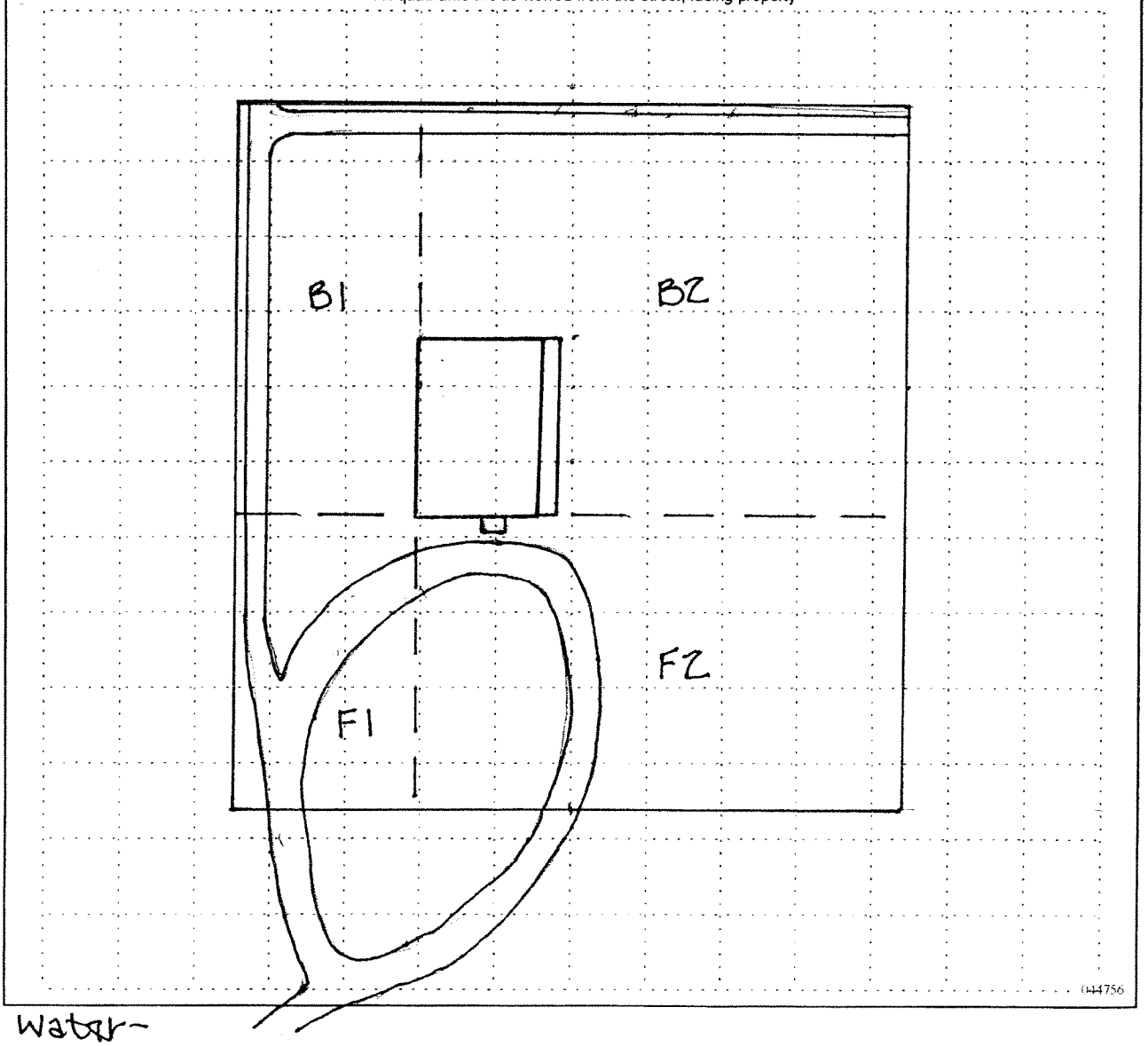
Sampling Address: [redacted]

Sample Number	Lead Concentration		Sample Collected	LAB
F1	538	ppm	☑	☐
F2	978	ppm	☑	☐
B1	717	ppm	☑	☐
B2	635	ppm	☑	☐
DZ	509	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
Number of Samples =			5	

Samples Collected
Firm: PE, WC, SLB
Date: 7-28-08
Time: 1 PM

Samples Analyzed
XRF Unit: 882C Book: 3
Date: 7-29-08
Time: 07:45
Staff: CRH B

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



044756

5003

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N

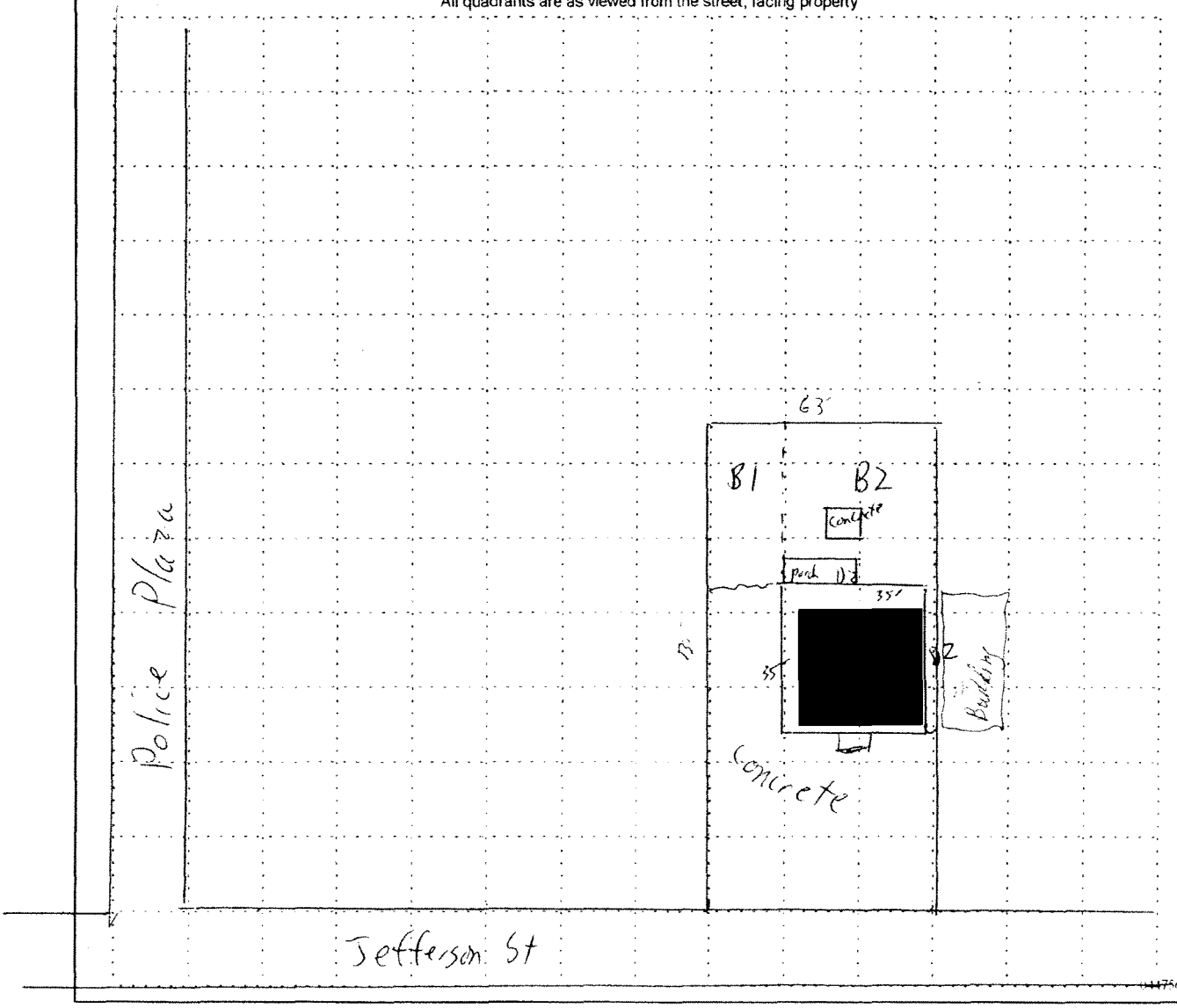
Sample Number	Lead Concentration	Sample Collected	LAB
F1	_____ ppm	☐	☐
F2	_____ ppm	☐	☐
B1	4106 ppm	☑	☐
B2	7596 ppm	☑	☑
DZ	17,124 ppm	☑	☐
GZ	_____ ppm	☐	☐
PZ	_____ ppm	☐	☐
Number of Samples =		3	1

Samples Collected
- Firm: PE, SLB, wc
- Date: 7-22-08
- Time: 9:10 AM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 7-23-08
- Time: 07:30
- Staff: CRM

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



5007

Potosi Site 5007
Site Sketch

Sampling Address: [redacted]

Exterior Paint
☐ Good
☐ Poor
☐ Not paint

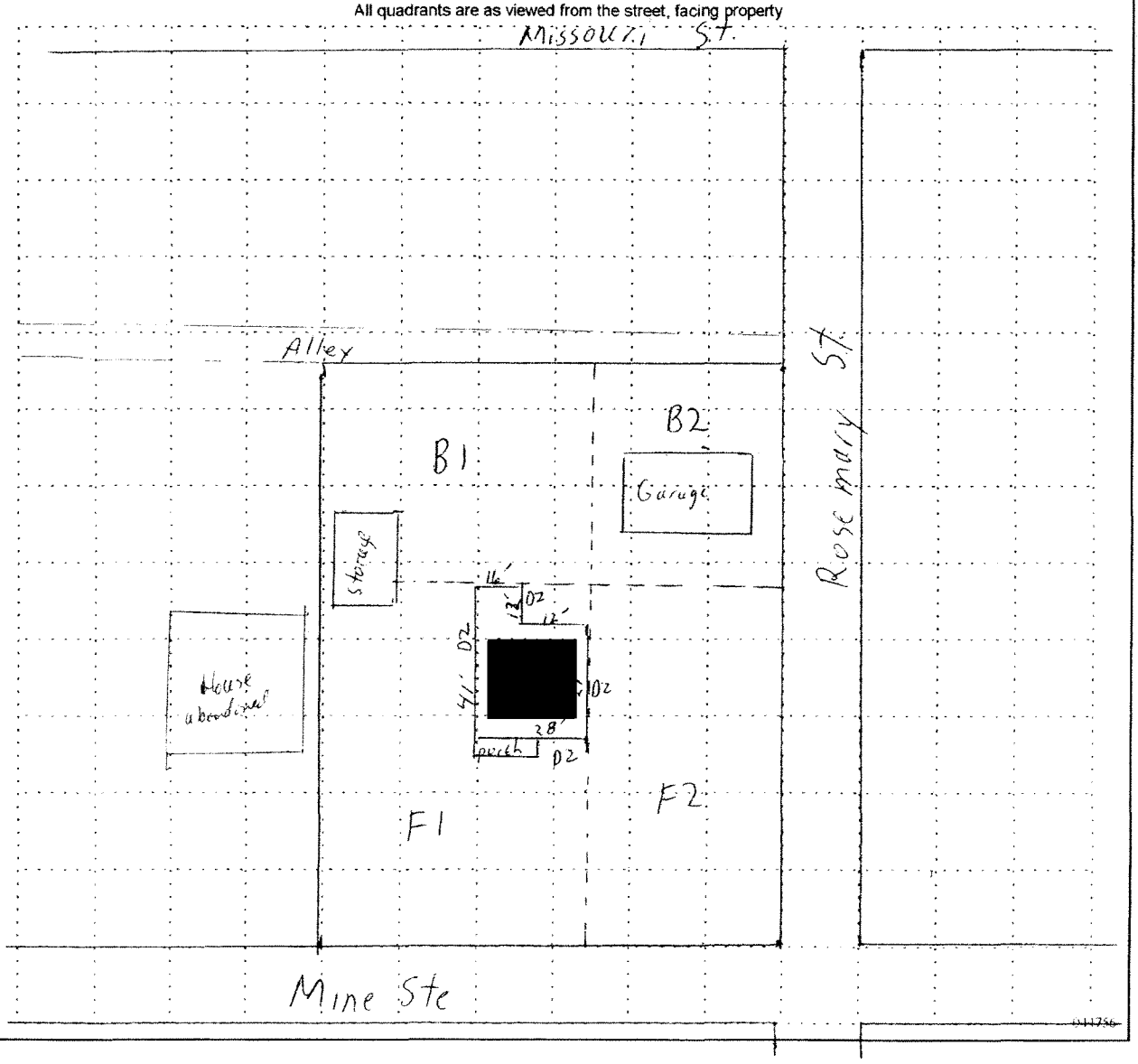
North Arrow: N ←

Sample Number	Lead Concentration		Sample Collected	LAB
F1	706	ppm	☑	☑
F2	539	ppm	☑	☐
B1	498	ppm	☑	☐
B2	629	ppm	☑	☐
DZ	944	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
Number of Samples =			5	1

Samples Collected
Firm: PE, WC, SLB
Date: 7-23-08
Time: 1245

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-24-08
Time: 12:15
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



20028

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

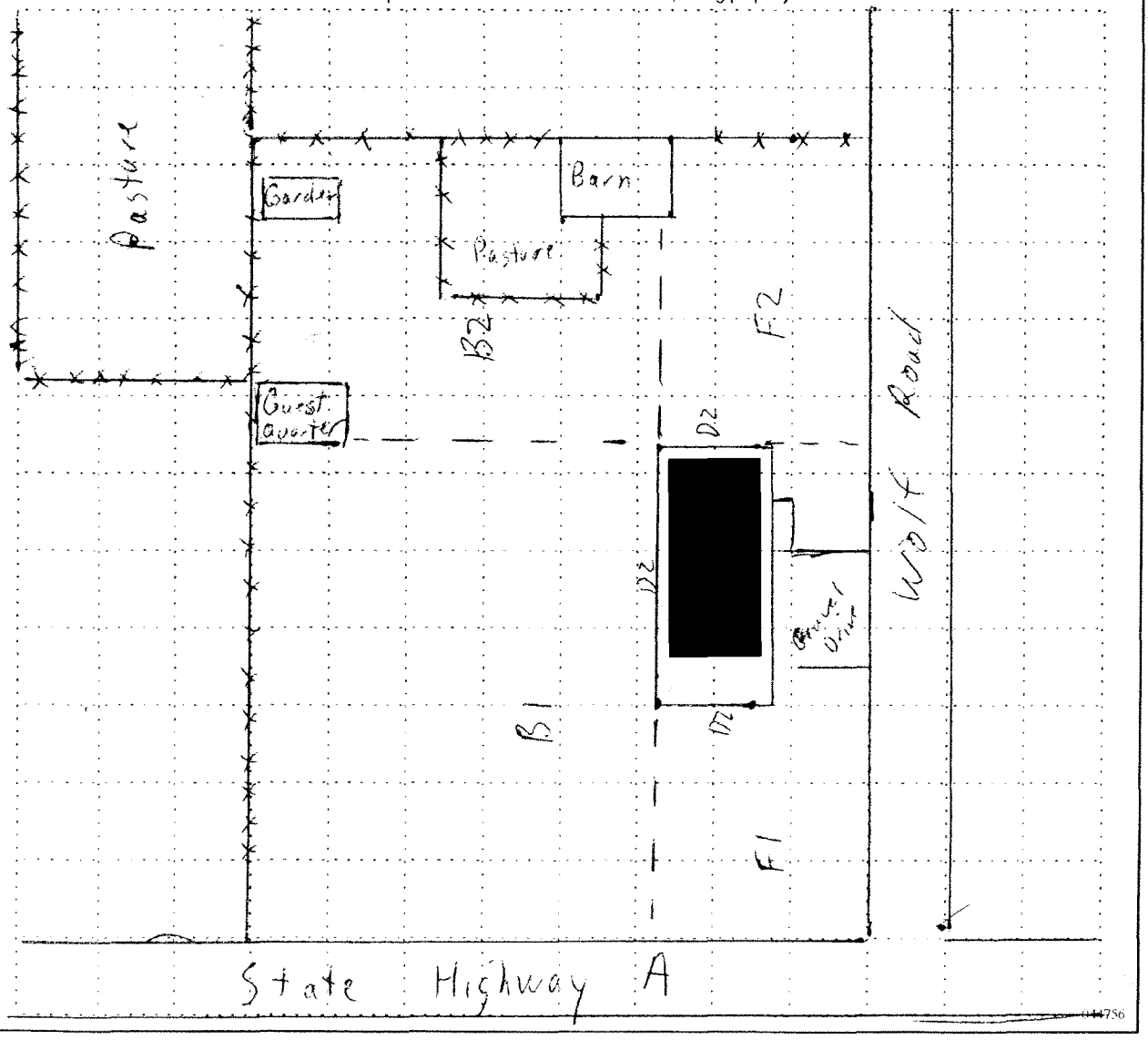
North Arrow: ↑

Sample Number	Lead Concentration		Sample Collected	LAB
F1	267	ppm	☑	☐
F2	759	ppm	☑	☑
B1	154	ppm	☑	☐
B2	410	ppm	☑	☐
DZ	308	ppm	☑	☐
GZ	135	ppm	☑	☐
OW ~~PZ~~	461	ppm	☑	☐
Number of Samples =			7	1

Samples Collected
Firm: Professional Environmental
Date: August 8, 2008
Time: 11:18 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-11-08
Time: 07:40
Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 20 feet

20070

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↖

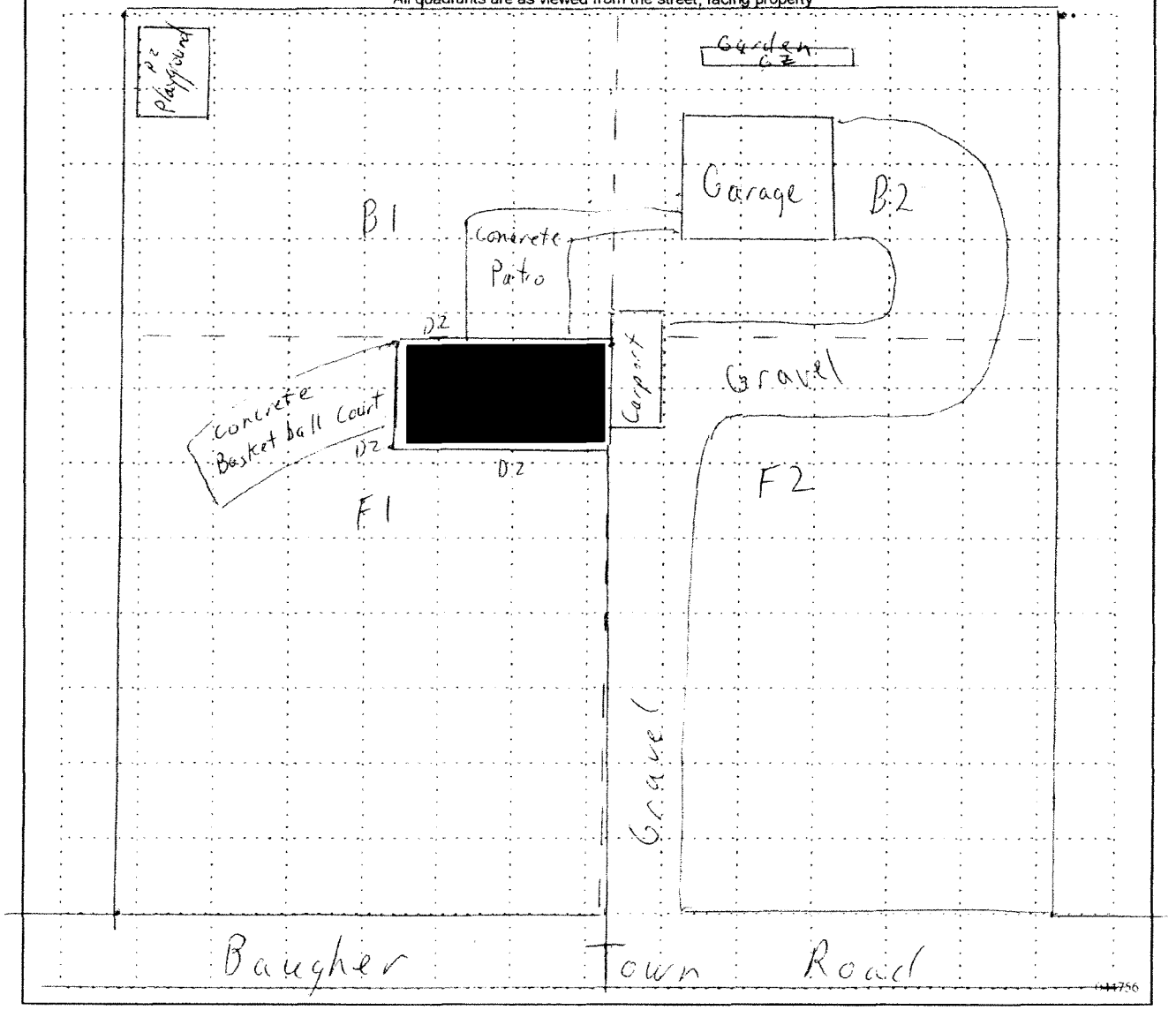
Sample Number	Lead Concentration		Sample Collected	LAB
F1	100	ppm	☑	☐
F2	98	ppm	☑	☐
B1	61	ppm	☑	☐
B2	51	ppm	☑	☐
DZ	114	ppm	☑	☐
GZ	52	ppm	☑	☐
PZ	646	ppm	☑	☑
Number of Samples =			7	1

Samples Collected
Firm: Professional Environmental
Date: August 12, 2007
Time: 4:30 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-13-08
Time: 12:08
Staff: CEM R

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 square = 17 feet

20108

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

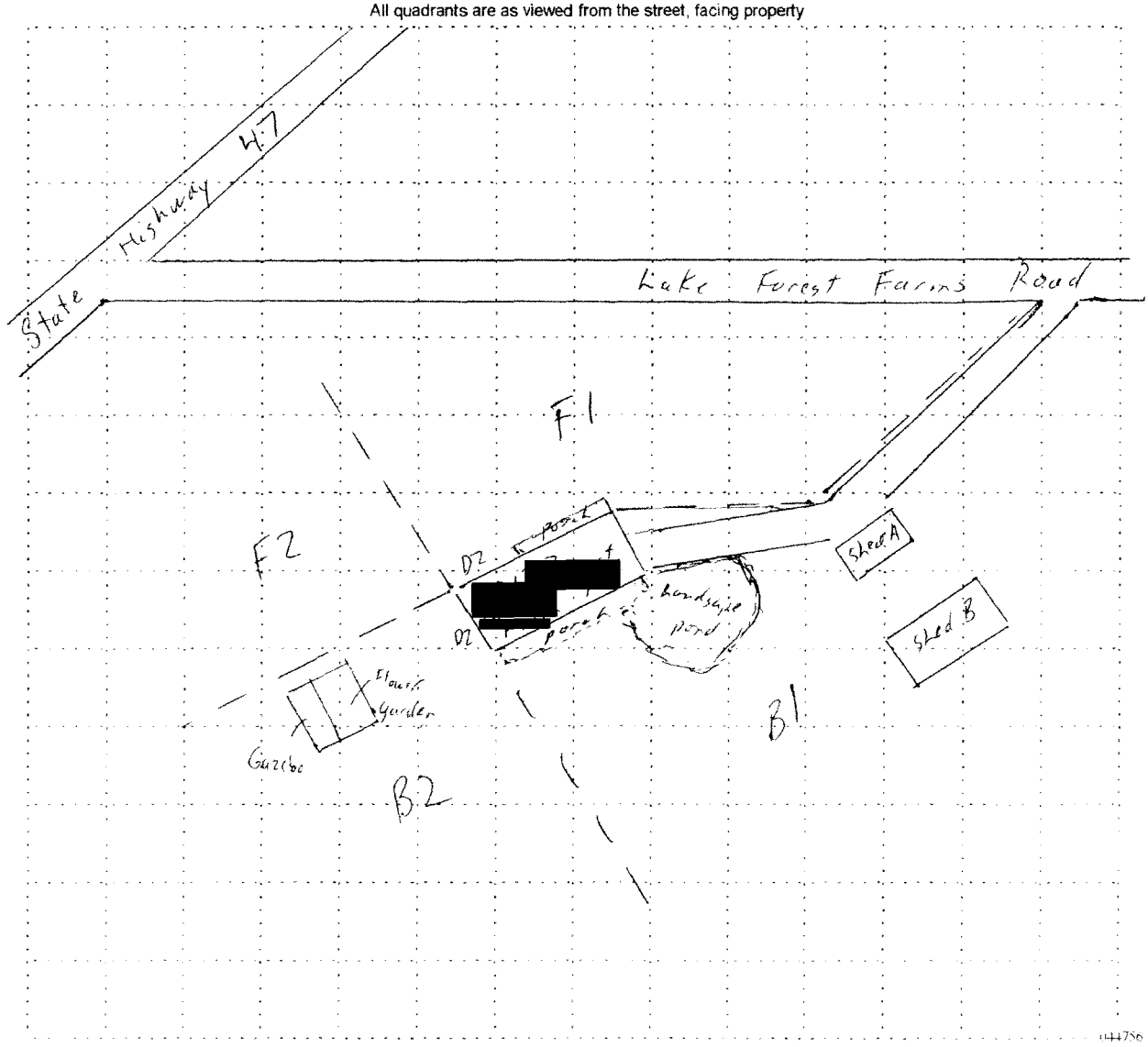
North Arrow: N

Sample Number	Lead Concentration		Sample Collected	LAB
F1	307	ppm	☑	☐
F2	1860	ppm	☑	☐
B1	972	ppm	☑	☐
B2	652	ppm	☑	☐
DZ	609	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
Number of Samples =			5	

Samples Collected
Firm: Professional Environmental
Date: August 28, 2008
Time: 5:24 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-29-08
Time: 10:20
Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 35 feet

20171

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ←

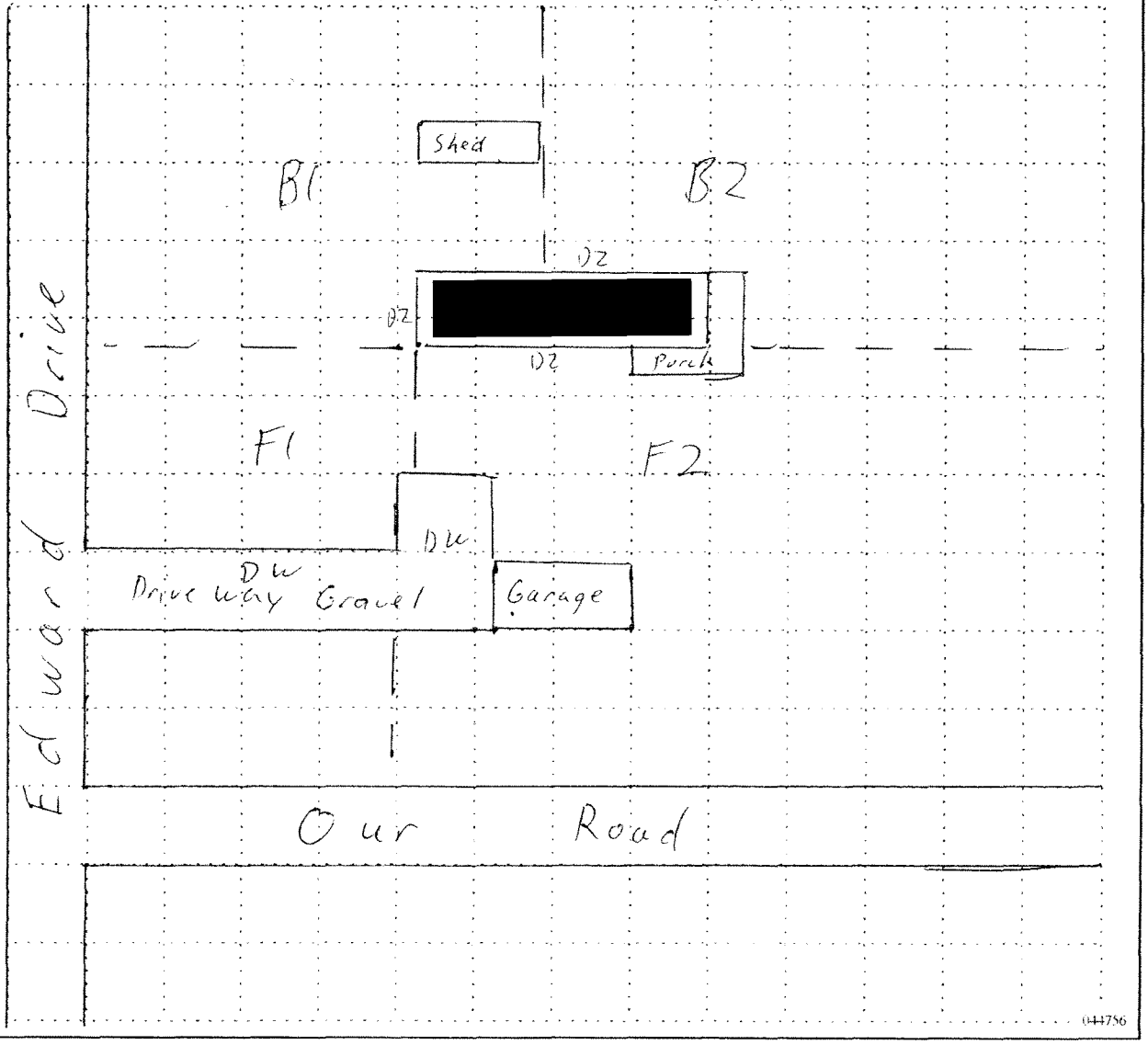
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	619	ppm	☑	☐
	F2	596	ppm	☑	☐
	B1	516	ppm	☑	☐
	B2	992	ppm	☑	☐
	DZ	654	ppm	☑	☐
DW ~~GZ~~		758	ppm	☑	☐
	PZ		ppm	☐	☐
		Number of Samples =		6	

Samples Collected
Firm: Professional Environmental
Date: August 29, 2008
Time: 9:16 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 9-3-08
Time: 07:30
Staff: CRM

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



044756

1 Square = 20 feet

20173

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

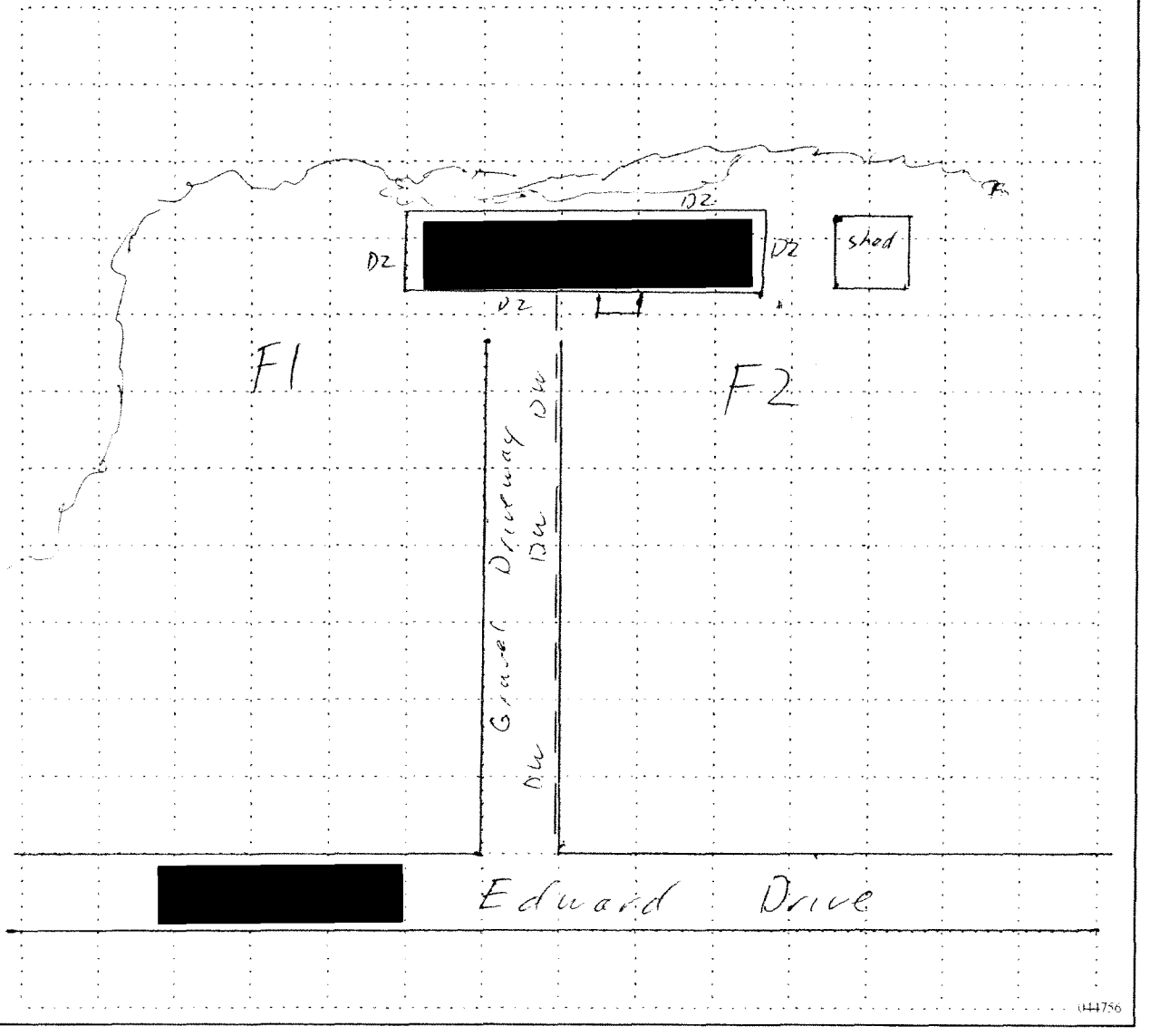
North Arrow: ↓ N

Sample Number	Lead Concentration		Sample Collected	LAB
F1	813	ppm	☑	☐
F2	863	ppm	☑	☐
B1		ppm	☐	☐
B2		ppm	☐	☐
DZ	1151	ppm	☑	☐
DW ~~GZ~~	1032	ppm	☑	☐
PZ		ppm	☐	☐
Number of Samples =			4	

Samples Collected
Firm: Professional Environmental
Date: August 29, 2008
Time: 11:00 AM.

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 9-3-08
Time: 08:05
Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 Square = 15 feet

20187

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

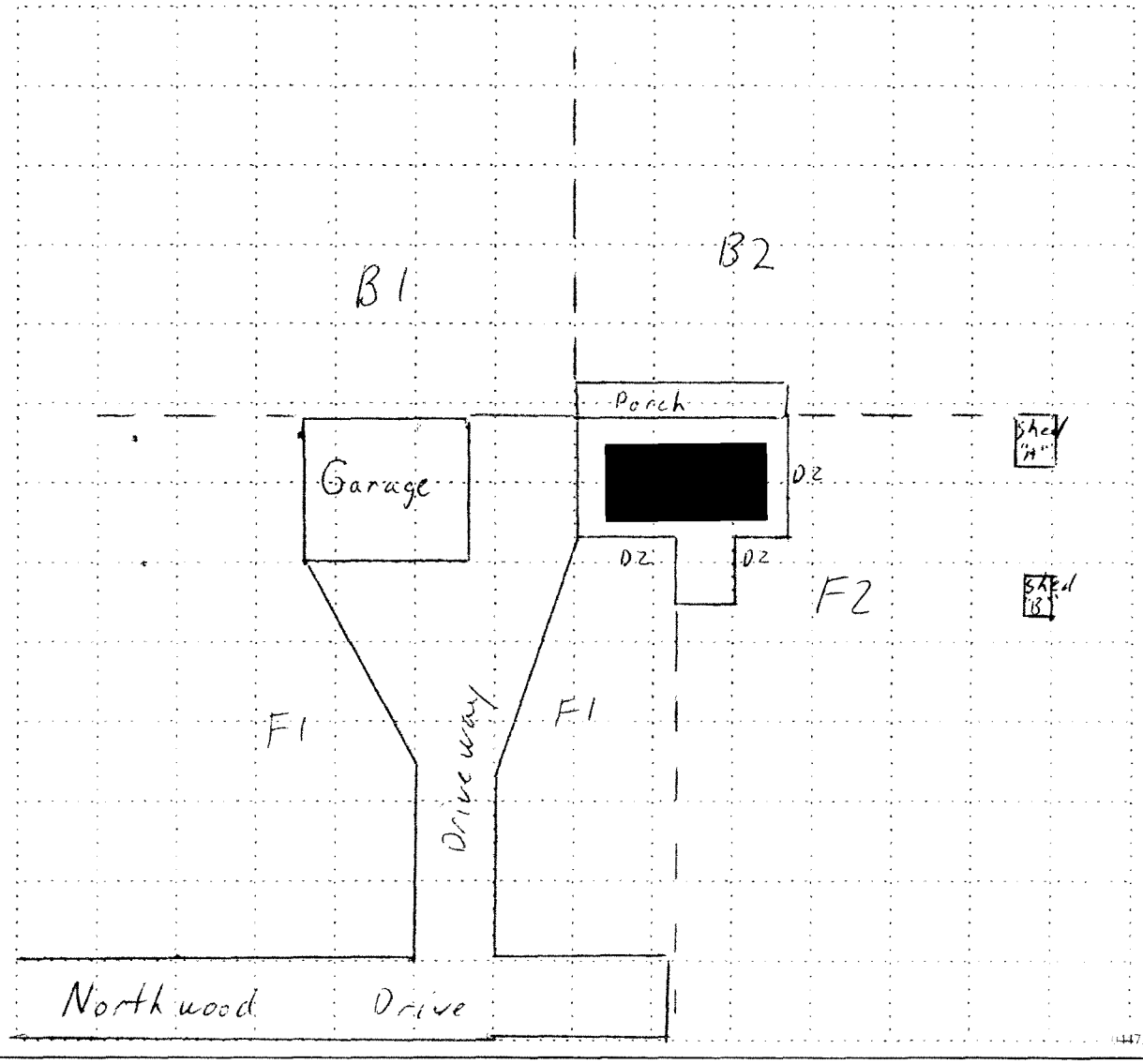
North Arrow: N

Sample Number	Lead Concentration		Sample Collected	LAB
F1	289	ppm	☑	☐
F2	451	ppm	☑	☐
B1	709	ppm	☑	☐
B2	361	ppm	☑	☐
DZ	315	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
		Number of Samples =	5	

Samples Collected
Firm: Professional Environmental
Date: September 3, 2008
Time: 2:00 PM

Samples Analyzed
XRF Unit: 883Z Book: 3
Date: 9-4-08
Time: 08:35
Staff: CRM B

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



44756

20351

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

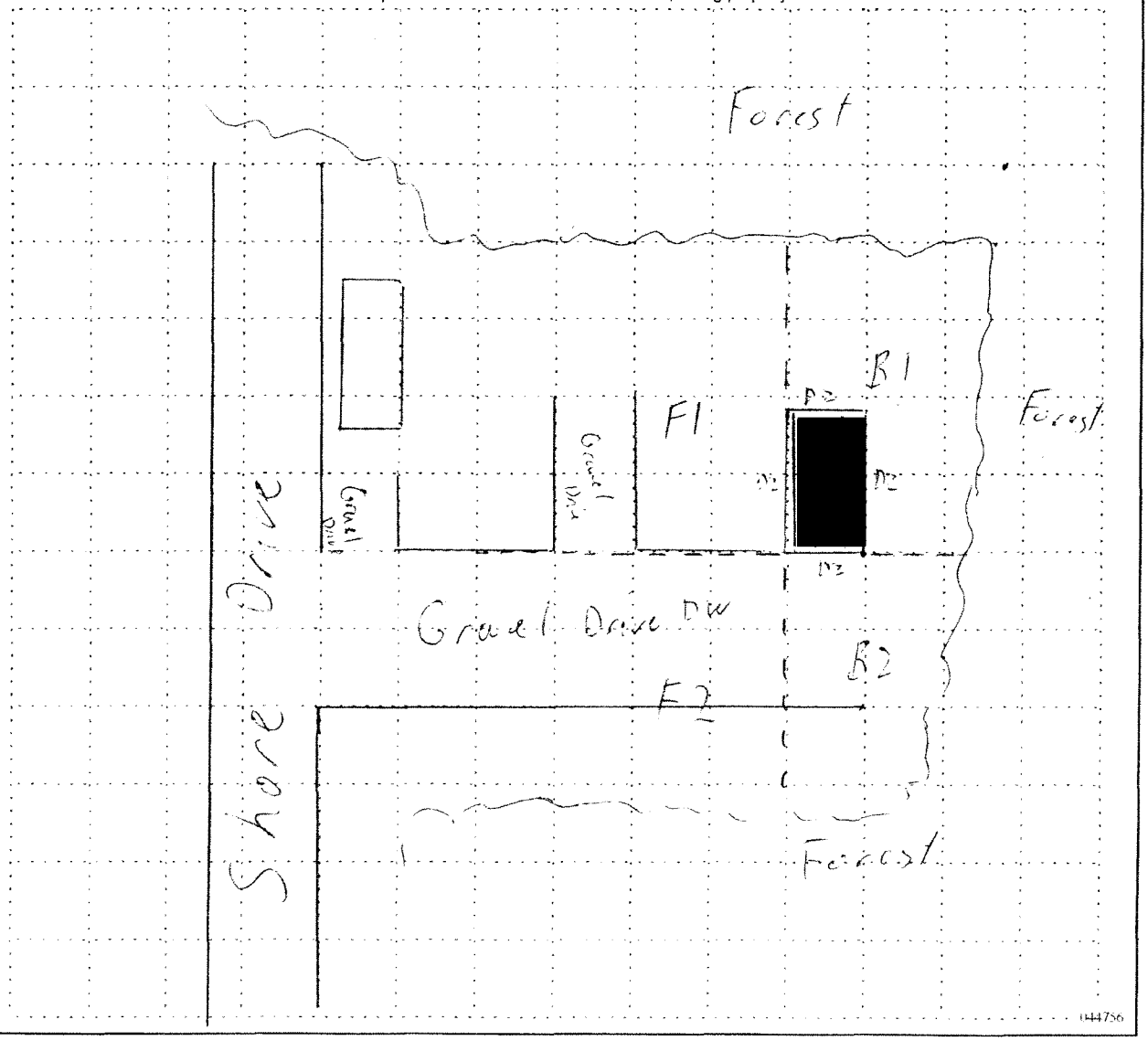
North Arrow

Sample Number	Lead Concentration		Sample Collected	LAB
F1	1349	ppm	☑	☐
F2	1724	ppm	☑	☐
B1	786	ppm	☑	☑
B2	1288	ppm	☑	☐
DZ	1031	ppm	☑	☐
~~GZ~~ DW	1129	ppm	☑	☐
PZ		ppm	☐	☐
Number of Samples =			6	1

Samples Collected
Firm: Professional Environmental
Date: August 15, 2008
Time: 11:50 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-20-08
Time: 15:50
Staff: CRMT

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 25 feet

20349

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↑

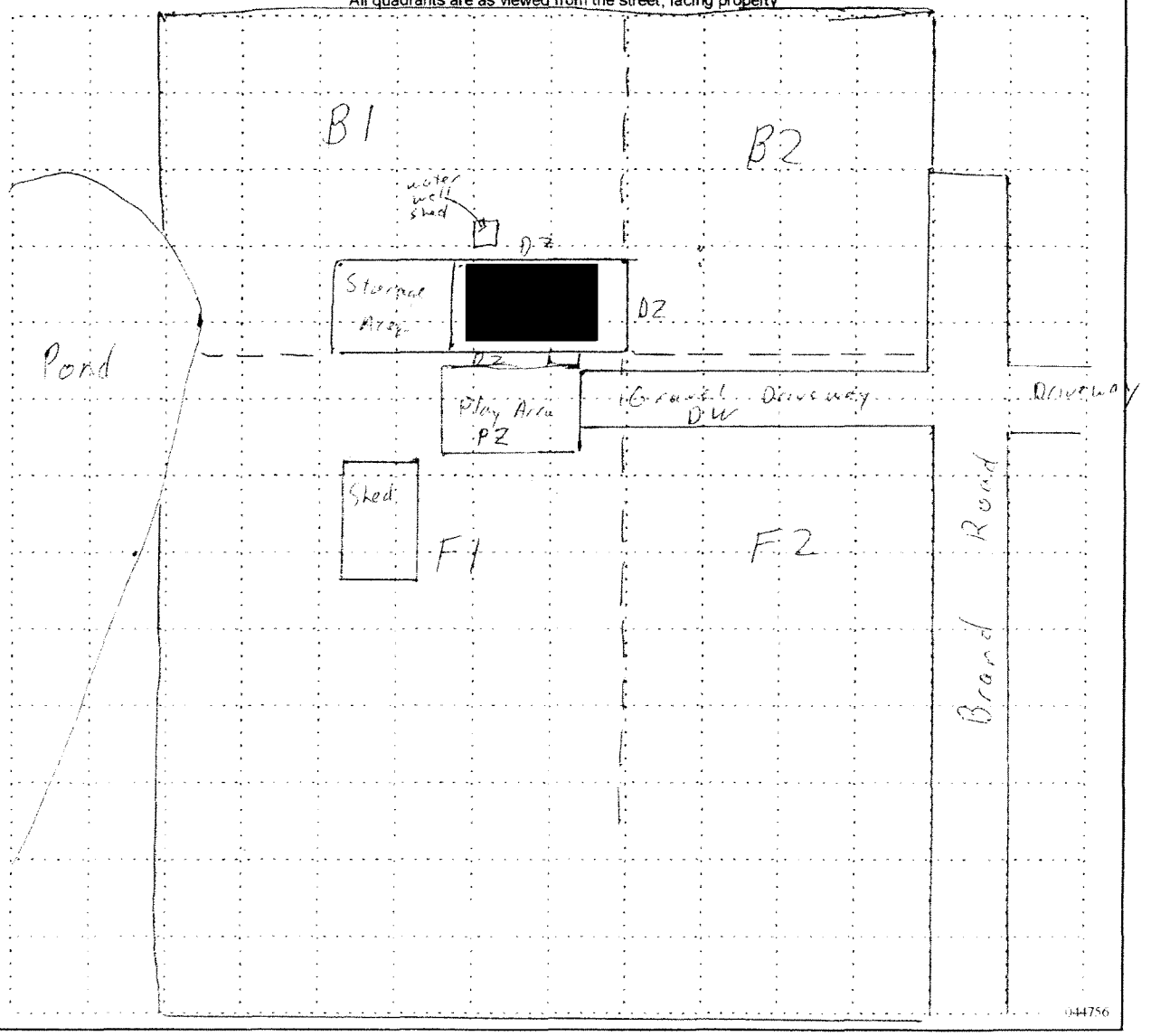
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	1565	ppm	☑	☐
	F2	1354	ppm	☑	☑
	B1	953	ppm	☑	☐
	B2	729	ppm	☑	☐
	DZ	1768	ppm	☑	☐
DW	~~GZ~~	981	ppm	☑	☐
	PZ	1205	ppm	☑	☐
	Number of Samples =	7			

Samples Collected
Firm: Professional Environmental
Date: August 20, 2008
Time: 2:00 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-23-08
Time: 10:00
Staff: CRMG

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 square = 2 1 feet

20397

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↑

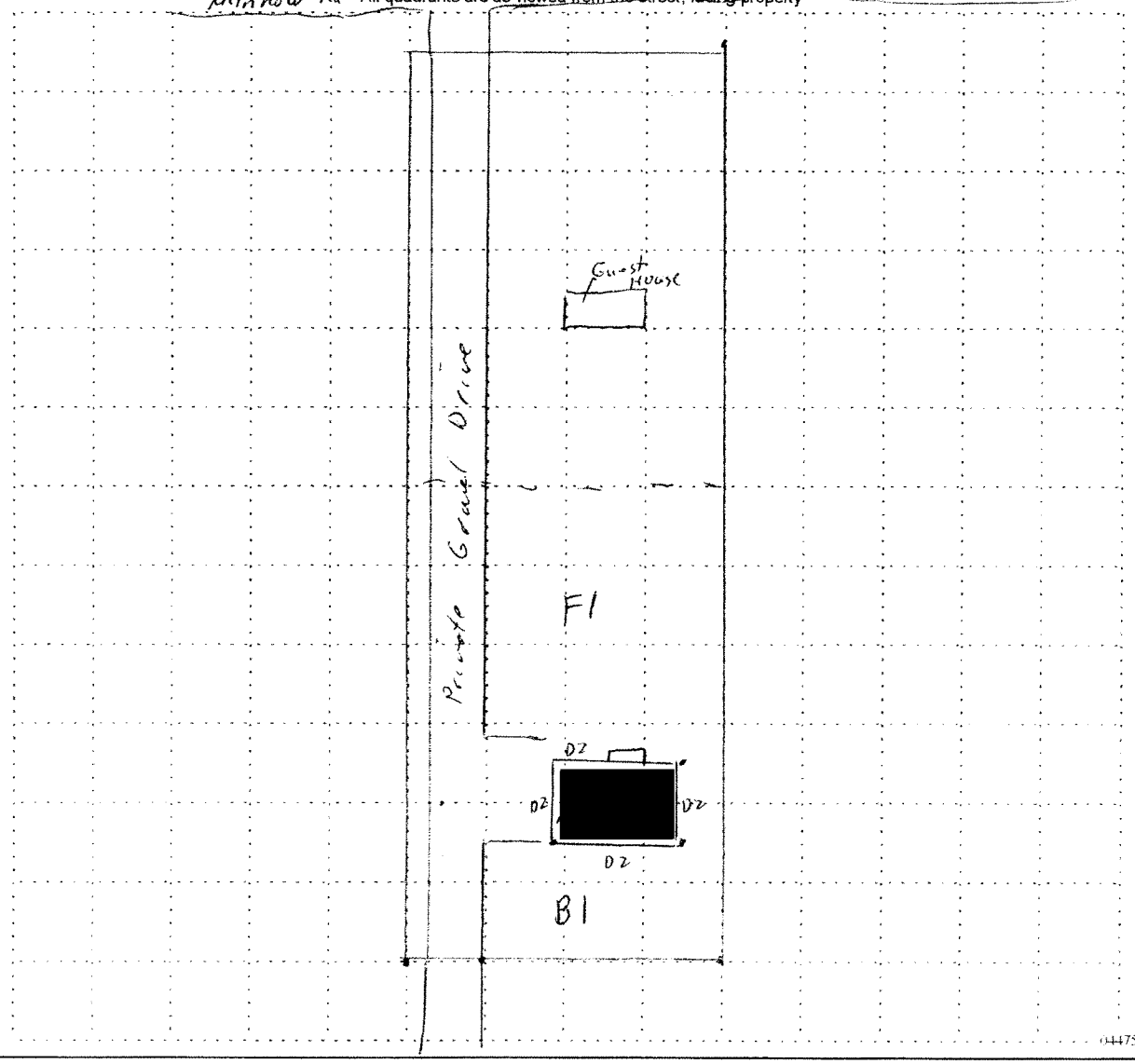
Sample Number		Lead Concentration	Sample Collected	LAB
	F1	1049 ppm	☑	☐
	F2	ppm	☐	☐
	B1	903 ppm	☑	☐
	B2	ppm	☐	☐
	DZ	775 ppm	☑	☐
	GZ	ppm	☐	☐
	PZ	ppm	☐	☐
	Number of Samples =		3	

Samples Collected
- Firm: Professional Environmental
- Date: August 25, 2008
- Time: 2:31 PM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-26-08
- Time: 12:45
- Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 Square = 3 1 feet

20428

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↖

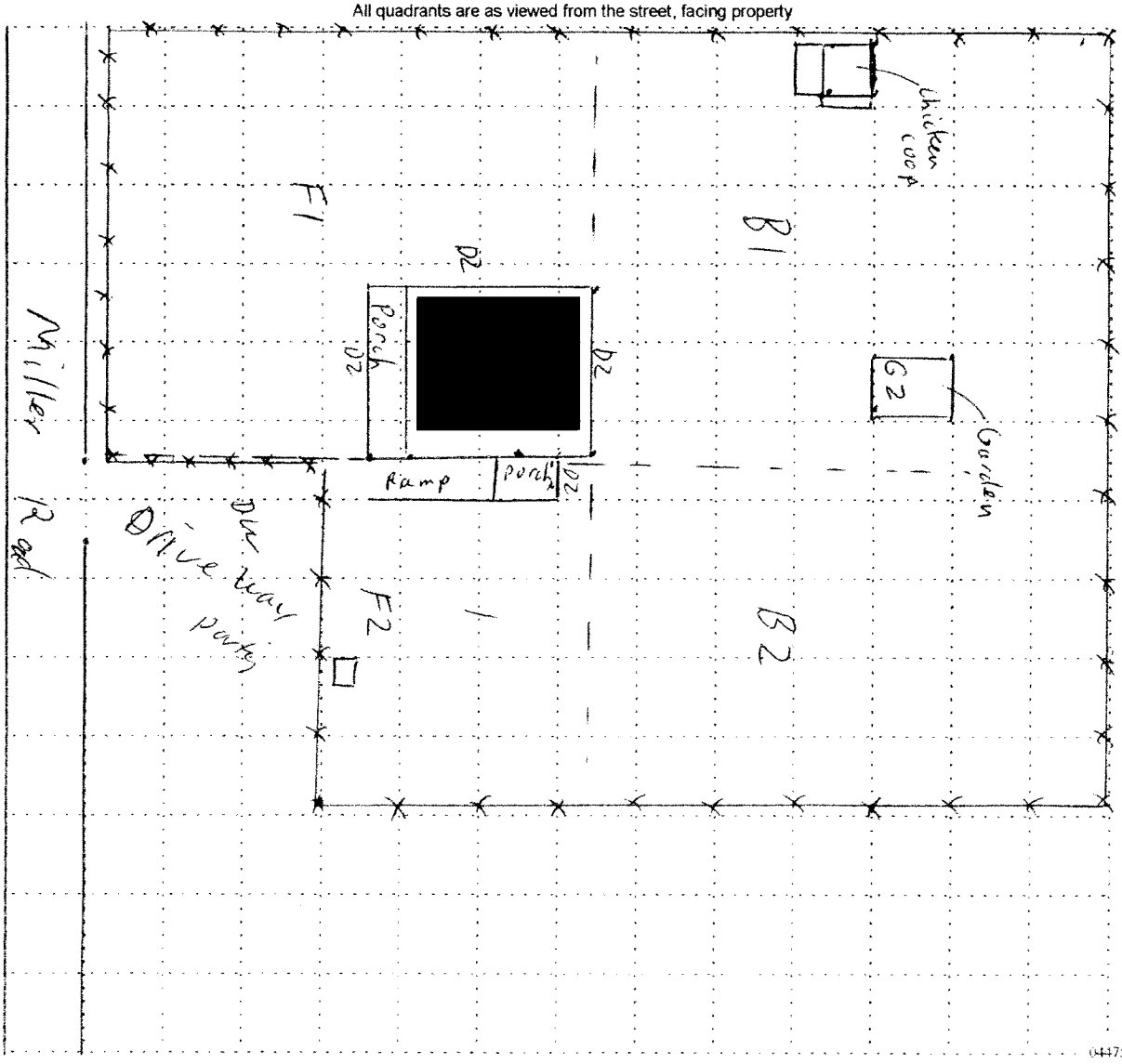
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	809	ppm	☑	☐
	F2	1125	ppm	☑	☐
	B1	1121	ppm	☑	☐
	B2	616	ppm	☑	☐
	DZ	924	ppm	☑	☐
	GZ	962	ppm	☑	☐
DW	~~PZ~~	654	ppm	☑	☐
		Number of Samples =		7	

Samples Collected
Firm: Professional Environmental
Date: August 22, 2008
Time: 9:00 Am

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-25-08
Time: 10:00
Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 Square = 20 feet

20437

Potosi Site
Site Sketch

20437

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: → N

Sample Number	Lead Concentration		Sample Collected	LAB
F1	3348	ppm	☑	☐
F2	183	ppm	☑	☐
B1	737	ppm	☑	☐
B2	1176	ppm	☑	☐
DZ	1344	ppm	☑	☐
GZ	1209	ppm	☑	☐
PZ	1090	ppm	☑	☐

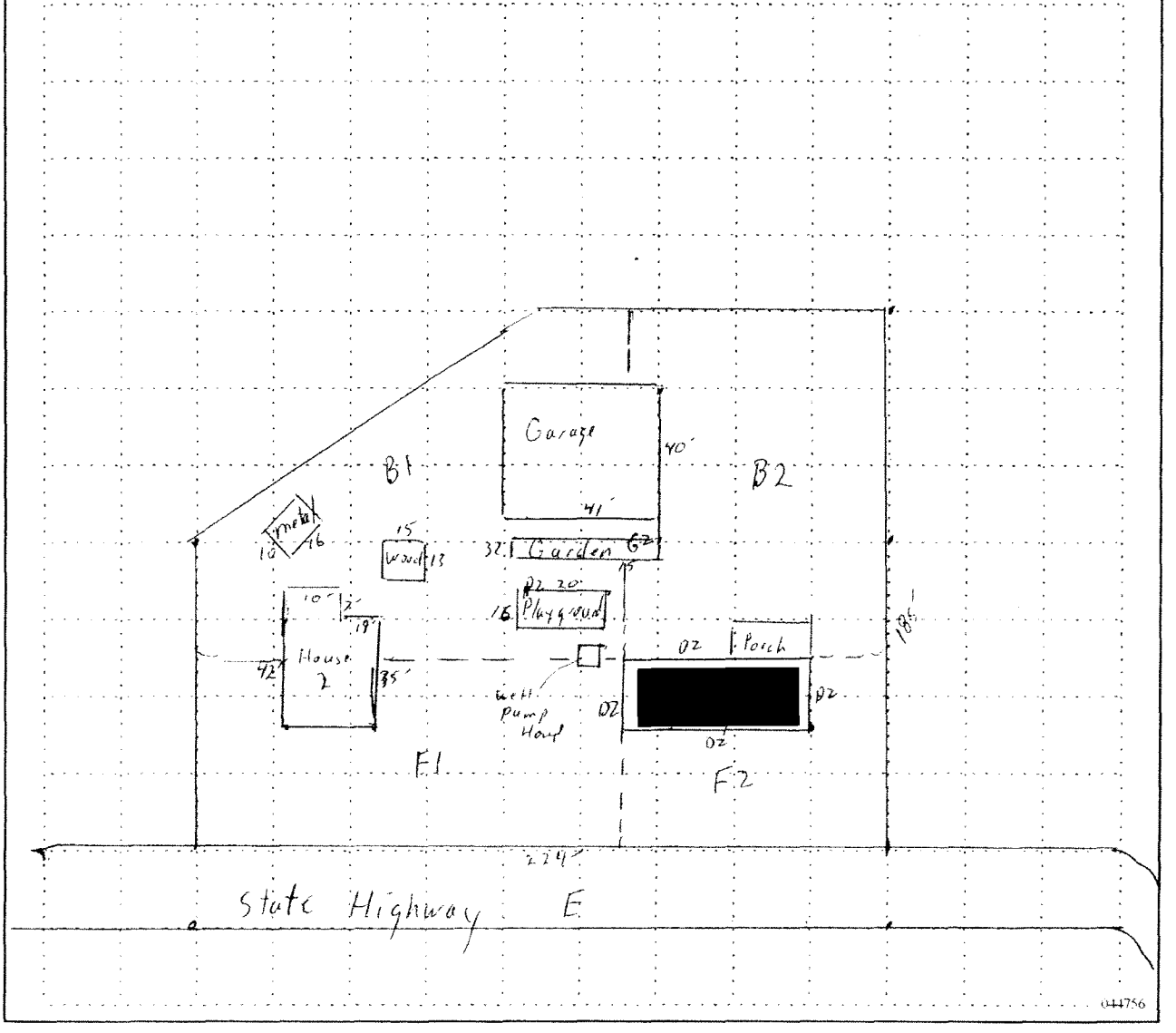
DW = 1348 ppm Number of Samples = 8

Samples Collected
Firm: PE, SLB, WC
Date: 7-24-08
Time: 9:06 AM

Samples Analyzed
XRF Unit: 882C Book: 3
Date: 7-28-08
Time: 13:40
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



044756

Water

20758

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

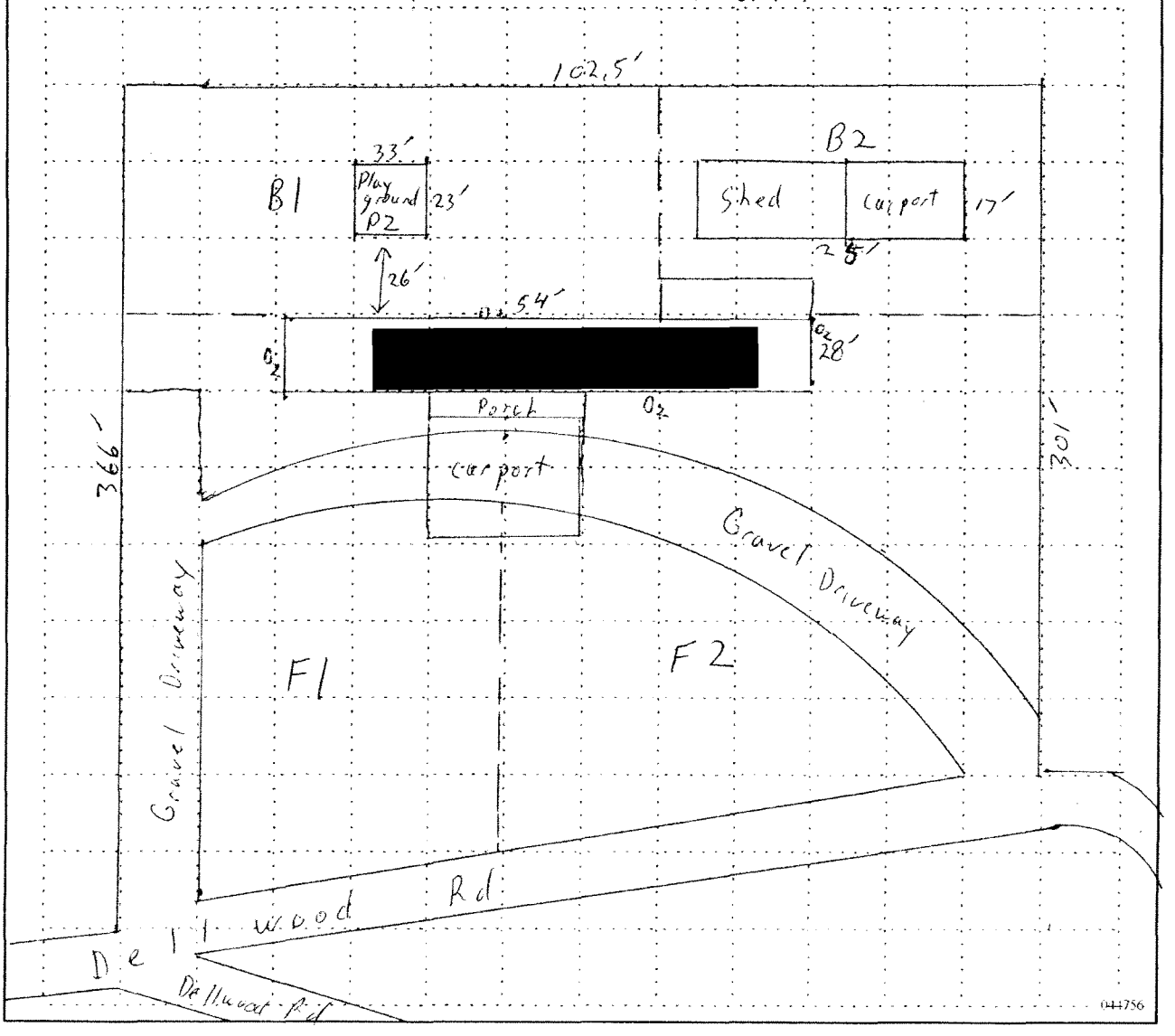
North Arrow: N ←

Sample Number	Lead Concentration		Sample Collected	LAB
F1	43	ppm	☑	☐
F2	44	ppm	☑	☐
B1	27	ppm	☑	☐
B2	27	ppm	☑	☐
DZ	47	ppm	☑	☐
GZ		ppm	☐	☐
PZ	27	ppm	☑	☐
Number of Samples =	6			

Samples Collected
Firm: PE - WC, SCB
Date: 7-16-08
Time: 9:45

Samples Analyzed
XRF Unit: 8830 Book: 3
Date: 7-22-08
Time: 14:45
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



20767

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint: ☐ Good ☐ Poor ☐ Not paint

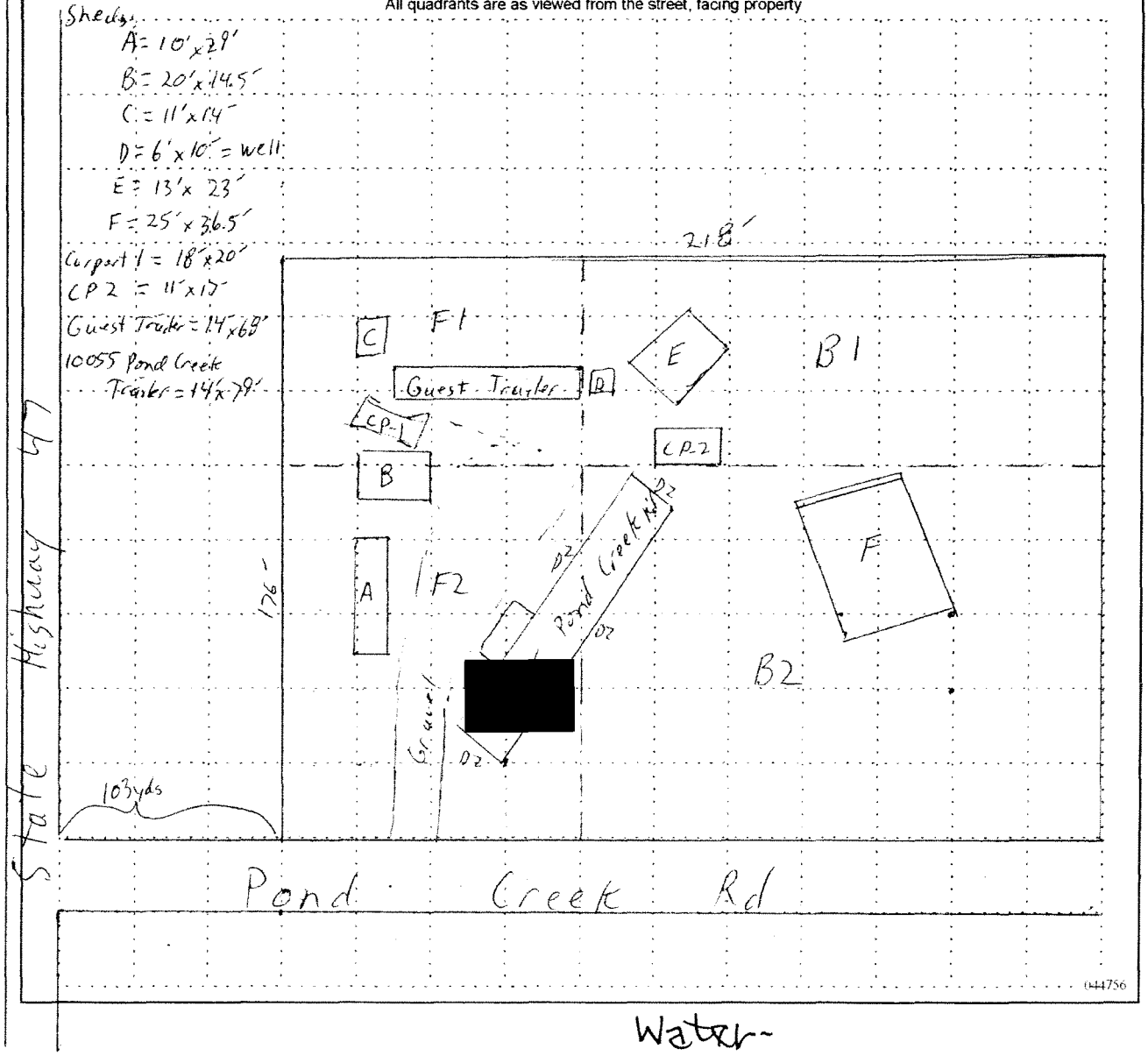
North Arrow: ↓ N

Sample Number	Lead Concentration	Sample Collected	LAB
F1	73 ppm	☑	☐
F2	409 ppm	☑	☐
B1	1392 ppm	☑	☐
B2	57 ppm	☑	☐
DZ	554 ppm	☑	☐
GZ	____ ppm	☐	☐
PZ	____ ppm	☐	☐
Number of Samples =		5	

Samples Collected
Firm: PE, SCB, WC
Date: 7-29-07
Time: 10:50 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-29-08
Time: 16:00
Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



044756

20918

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N

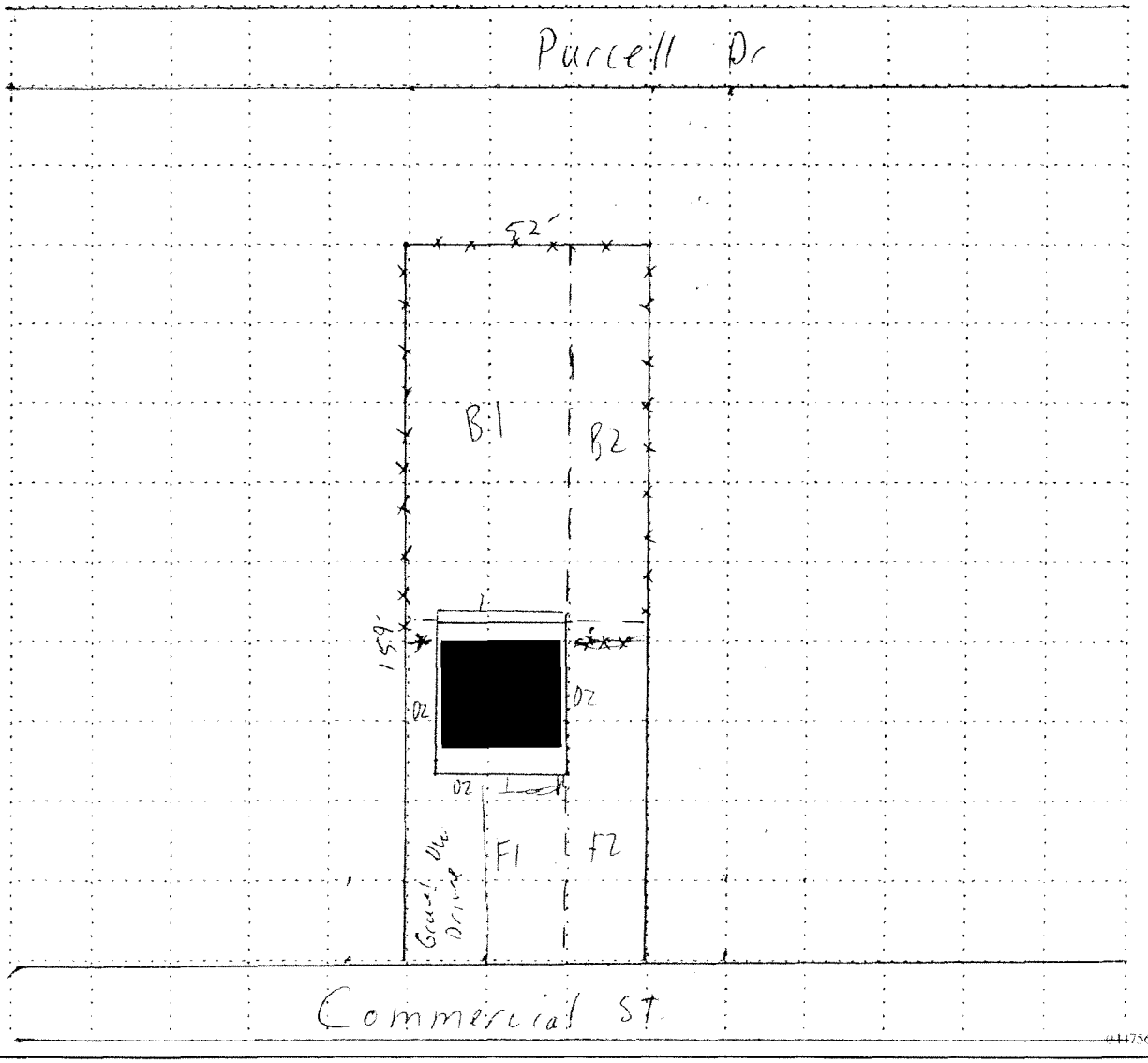
Sample Number	Lead Concentration		Sample Collected	LAB
F1	681	ppm	☑	☐
F2	1424	ppm	☑	☐
B1	2074	ppm	☑	☐
B2	2378	ppm	☑	☑
DZ	1479	ppm	☑	☐
GZ		ppm	☐	☐
DW ~~PZ~~	534	ppm	☑	☐
Number of Samples =			6	1

Samples Collected
Firm: PE, WG, SLB
Date: 7-30-08
Time: 9:00 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-31-08
Time: 7:35
Staff: CRM

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



23264

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☒ Poor
- ☐ Not paint

North Arrow: N

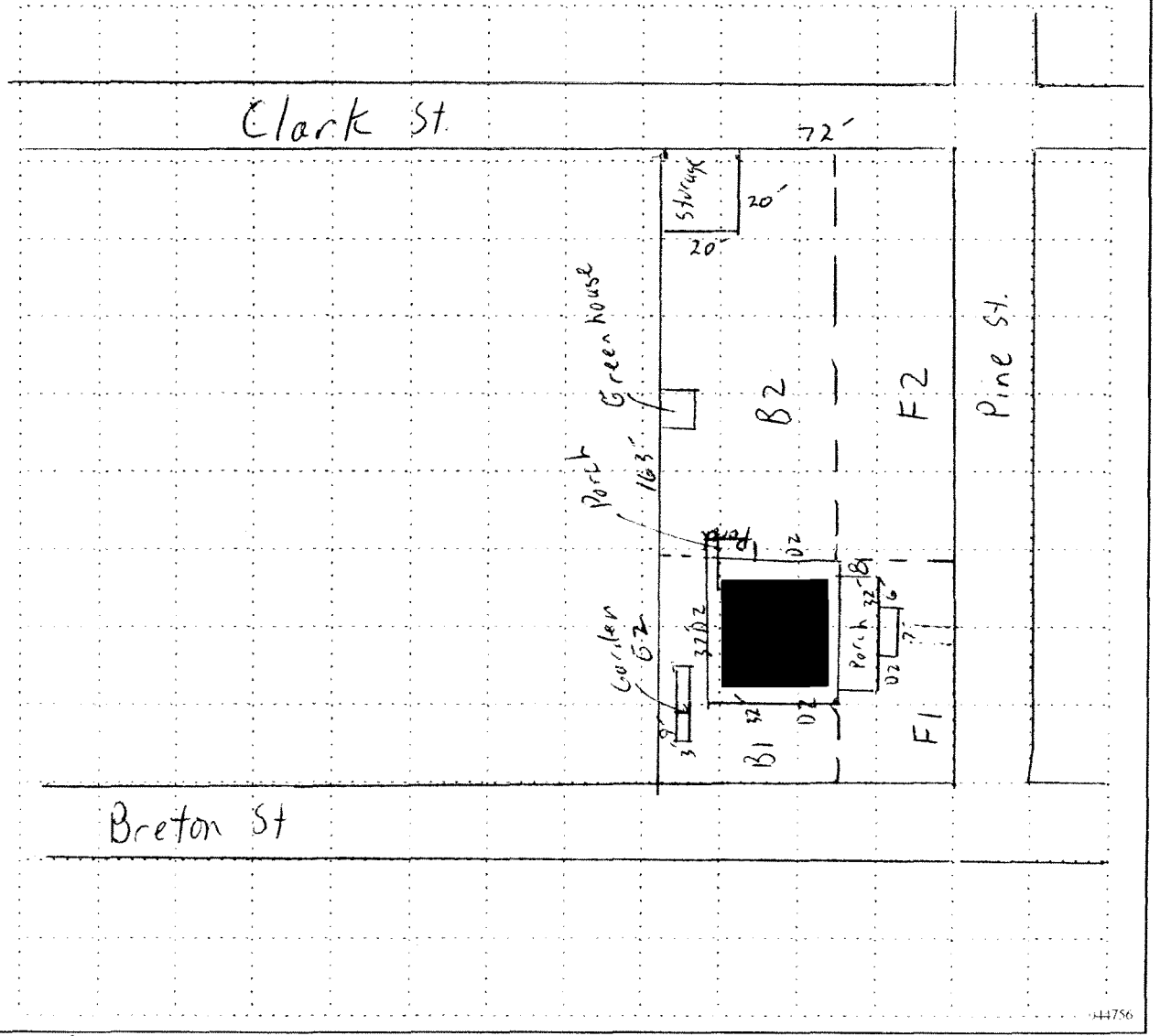
Sample Number	Lead Concentration	Sample Collected	LAB
F1	484 ppm	☑	☐
F2	339 ppm	☑	☐
B1	780 ppm	☑	☐
B2	192 ppm	☑	☐
DZ	583 ppm	☑	☐
GZ	252 ppm	☑	☐
PZ	____ ppm	☐	☐
Number of Samples =		6	

Samples Collected
- Firm: PE, SLB, WC
- Date: 7-21-08
- Time: 9:00 AM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 7-23-08
- Time: 08:45
- Staff: CRM Z

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



Scale: 1 square = 20'

Water –

23378

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow

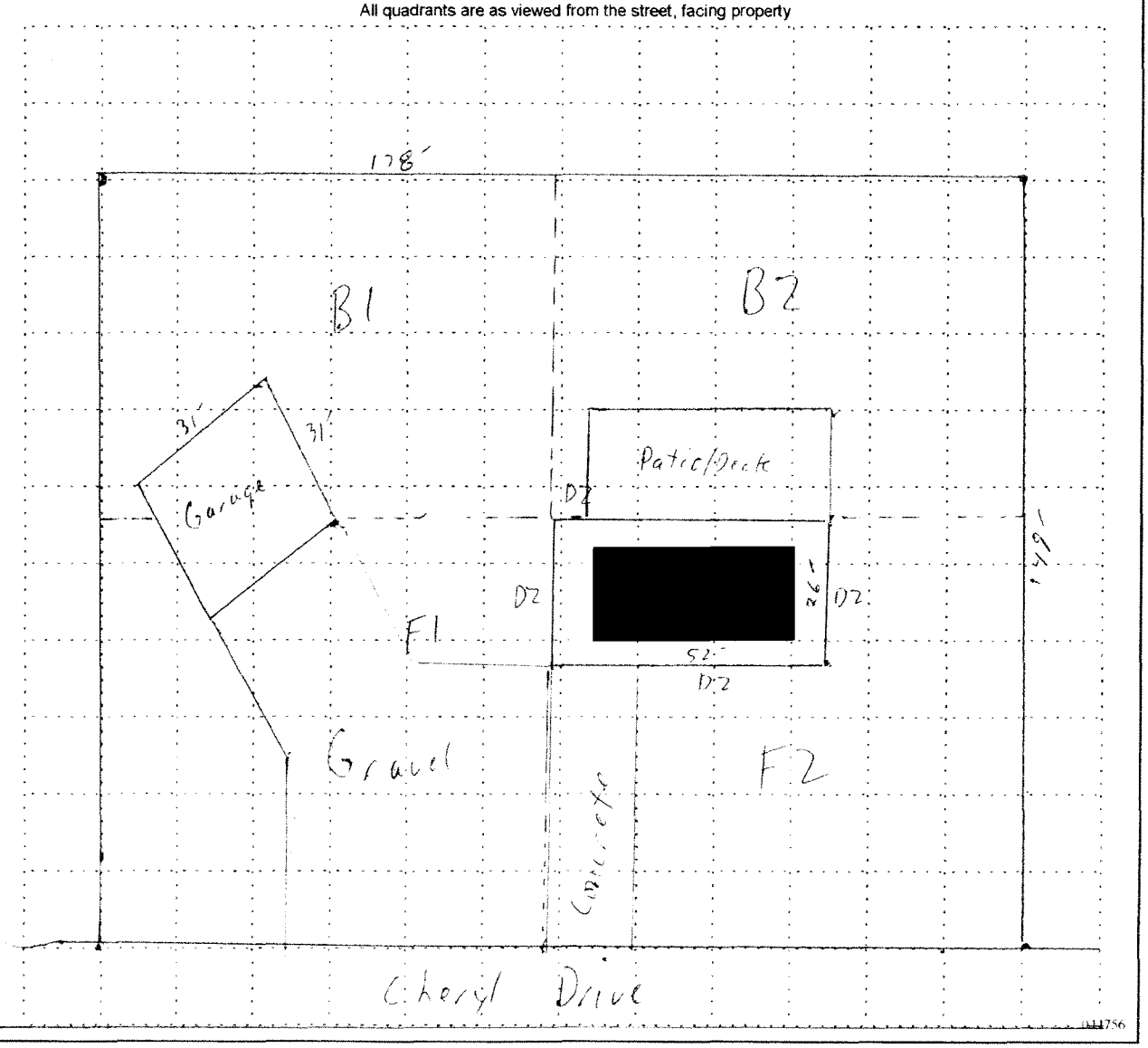
Sample Number	Lead Concentration	Sample Collected	LAB
F1	4634 ppm	☑	☐
F2	3924 ppm	☑	☐
B1	4040 ppm	☑	☐
B2	5146 ppm	☑	☑
DZ	5934 ppm	☑	☐
GZ	ppm	☐	☐
PZ	ppm	☐	☐
Number of Samples =		5	1

Samples Collected
Firm: PE, WL, SLB
Date: 7-25-08
Time: 12:30 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-28-08
Time: 15:05
Staff: CRMF

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



Water-

23575

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

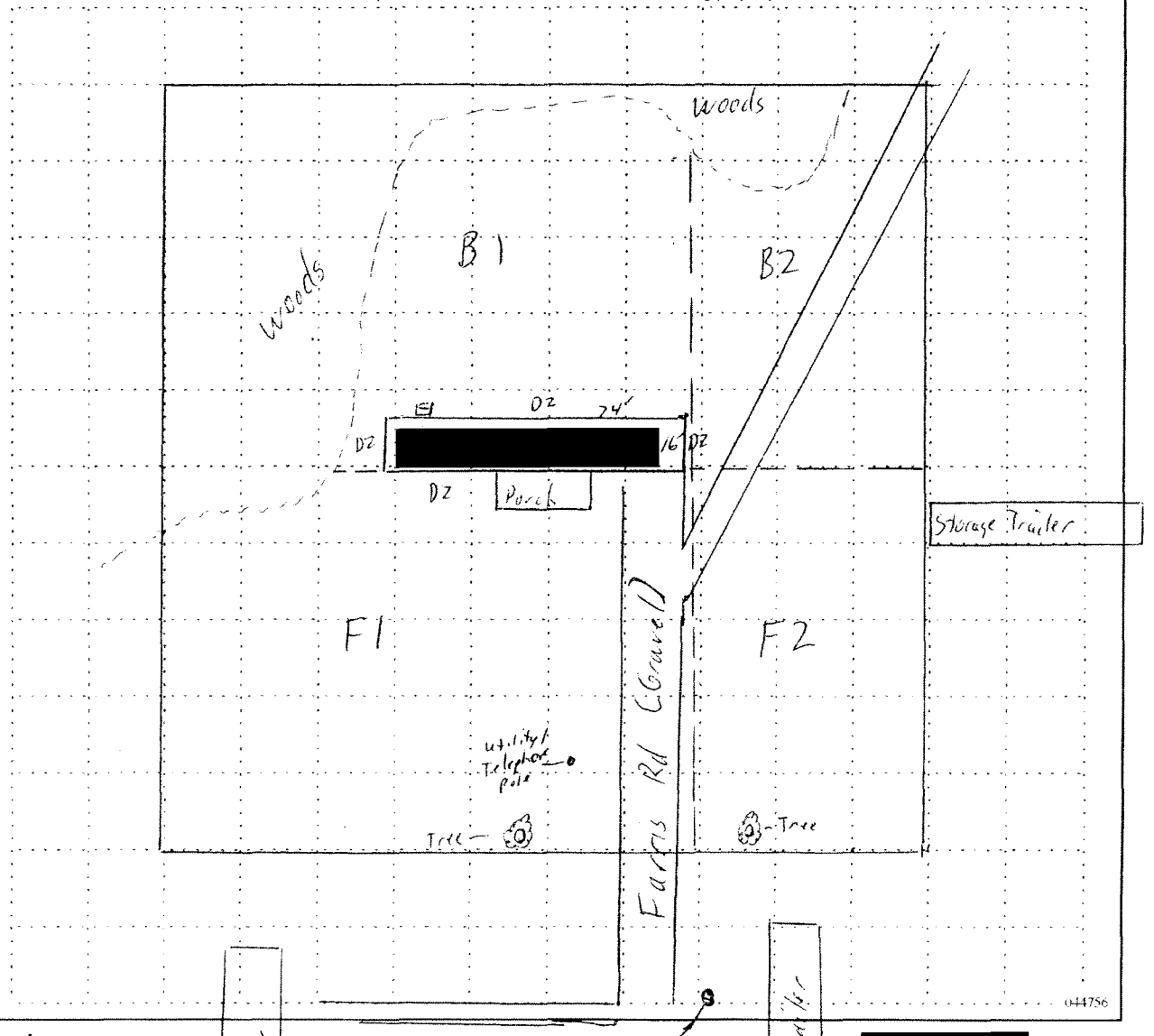
North Arrow → N

Sample Number	Lead Concentration	Sample Collected	LAB
F1	287 ppm	☑	☐
F2	129 ppm	☑	☐
B1	78 ppm	☑	☐
B2	121 ppm	☑	☐
DZ	149 ppm	☑	☐
GZ	ppm	☐	☐
PZ	ppm	☐	☐
Number of Samples =		5	

Samples Collected
Firm: PE, WC, SLB
Date: 7-22-08
Time: 3:56 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-23-08
Time: 14:50
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



Scale:
1 square = 20'

30079

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: ↓ N

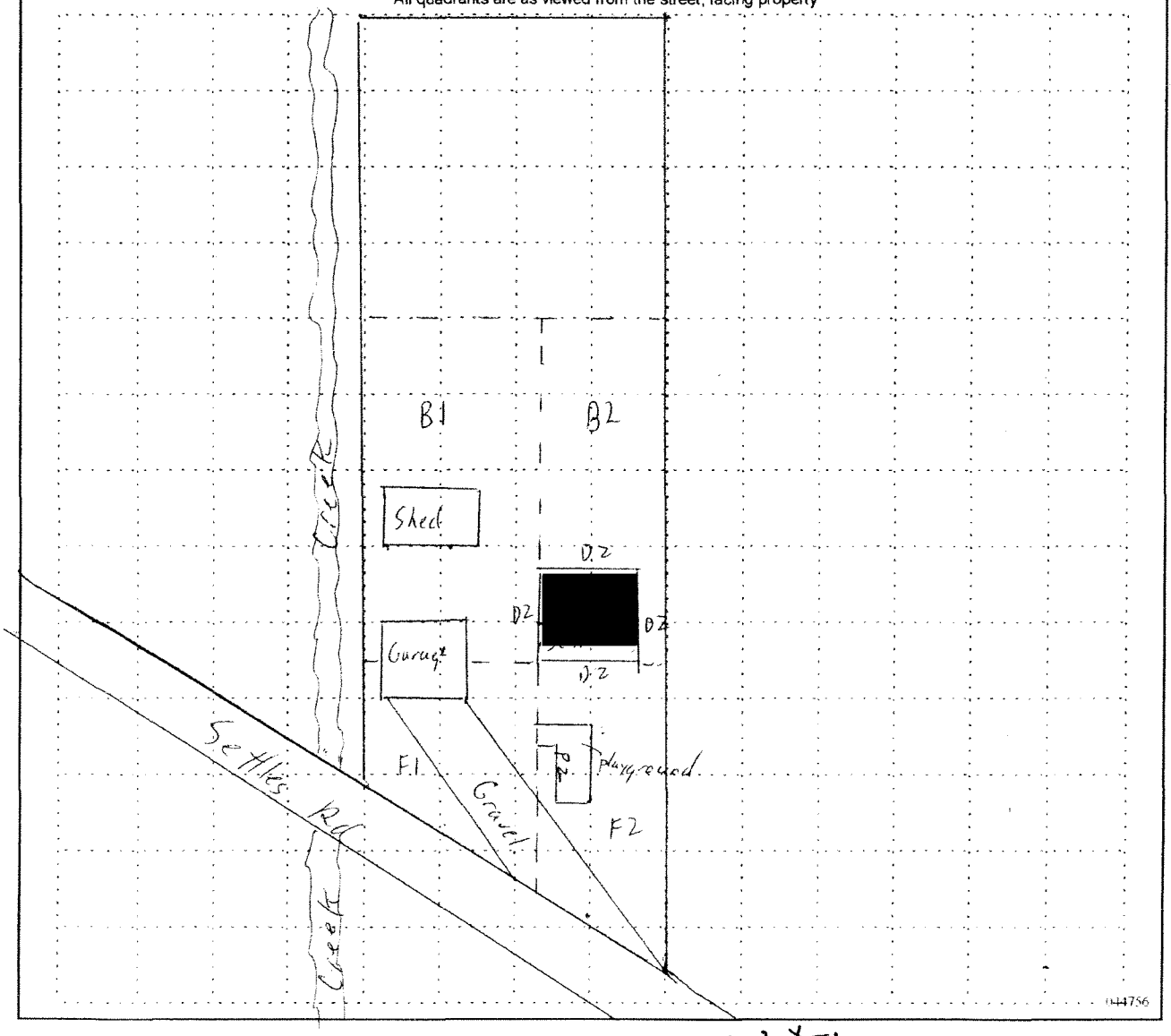
Sample Number		Lead Concentration		Sample Collected	LAB
F1	270	ppm	☑	☐
F2	238	ppm	☑	☐
B1	286	ppm	☑	☑
B2	263	ppm	☑	☐
DZ	246	ppm	☑	☐
GZ		ppm	☐	☐
PZ	261	ppm	☑	☐
Number of Samples =			6	1

Samples Collected
Firm: PE, SLB, WC
Date: 7-28-08
Time:

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 7-29-08
Time: 10:45
Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



30126

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: ↘ N

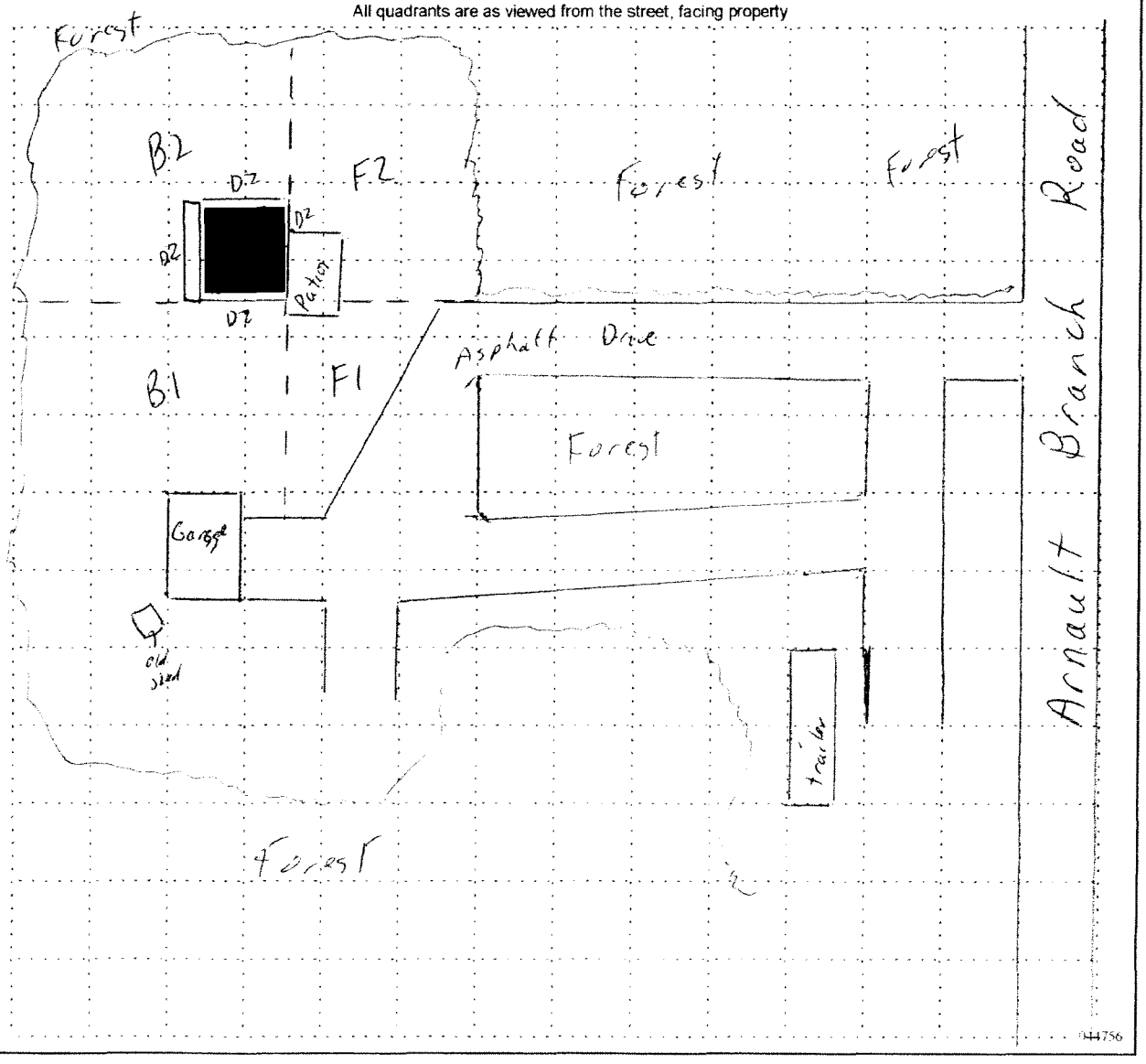
Sample Number	Lead Concentration		Sample Collected	LAB
F1	504	ppm	☑	☑
F2	591	ppm	☑	☐
B1	285	ppm	☑	☐
B2	385	ppm	☑	☐
DZ	472	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
Number of Samples =			5	1

Samples Collected
Firm: Professional Environmental
Date: August 25, 2008
Time: 11:54 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-26-08
Time: 10:10
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 square = 36 feet

30172

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ←

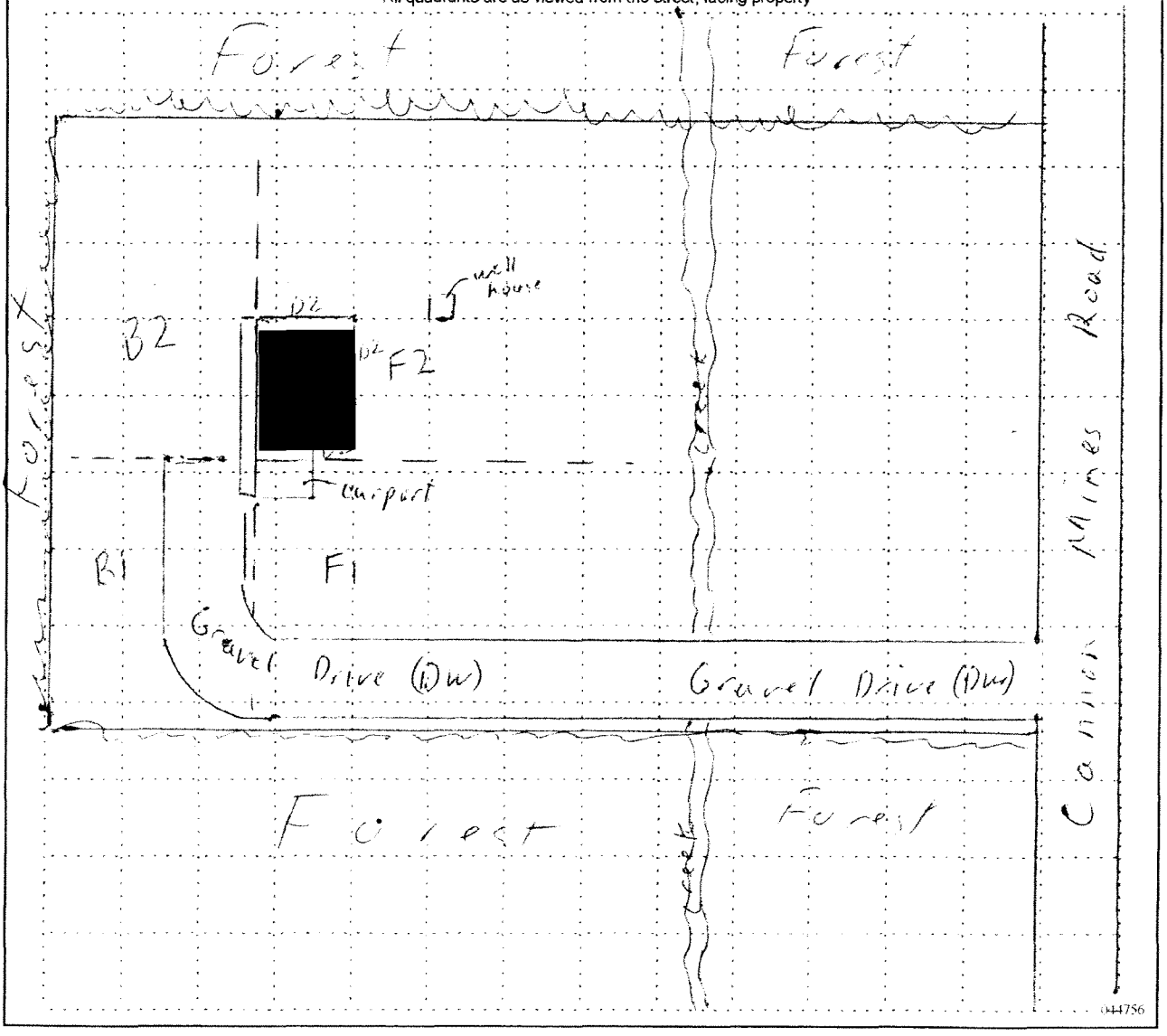
Sample Number	Lead Concentration		Sample Collected	LAB
F1	495	ppm	☑	☐
F2	477	ppm	☑	☐
B1	965	ppm	☑	☐
B2	1007	ppm	☑	☐
DZ	542	ppm	☑	☐
DW ~~GZ~~	896	ppm	☑	☐
PZ		ppm	☐	☐
Number of Samples =			6	

Samples Collected
Firm: Professional Environmental
Date: August 21, 2008
Time: 2:00 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-25-08
Time: 13:00
Staff: CRM

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 square = 30 feet

30177

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

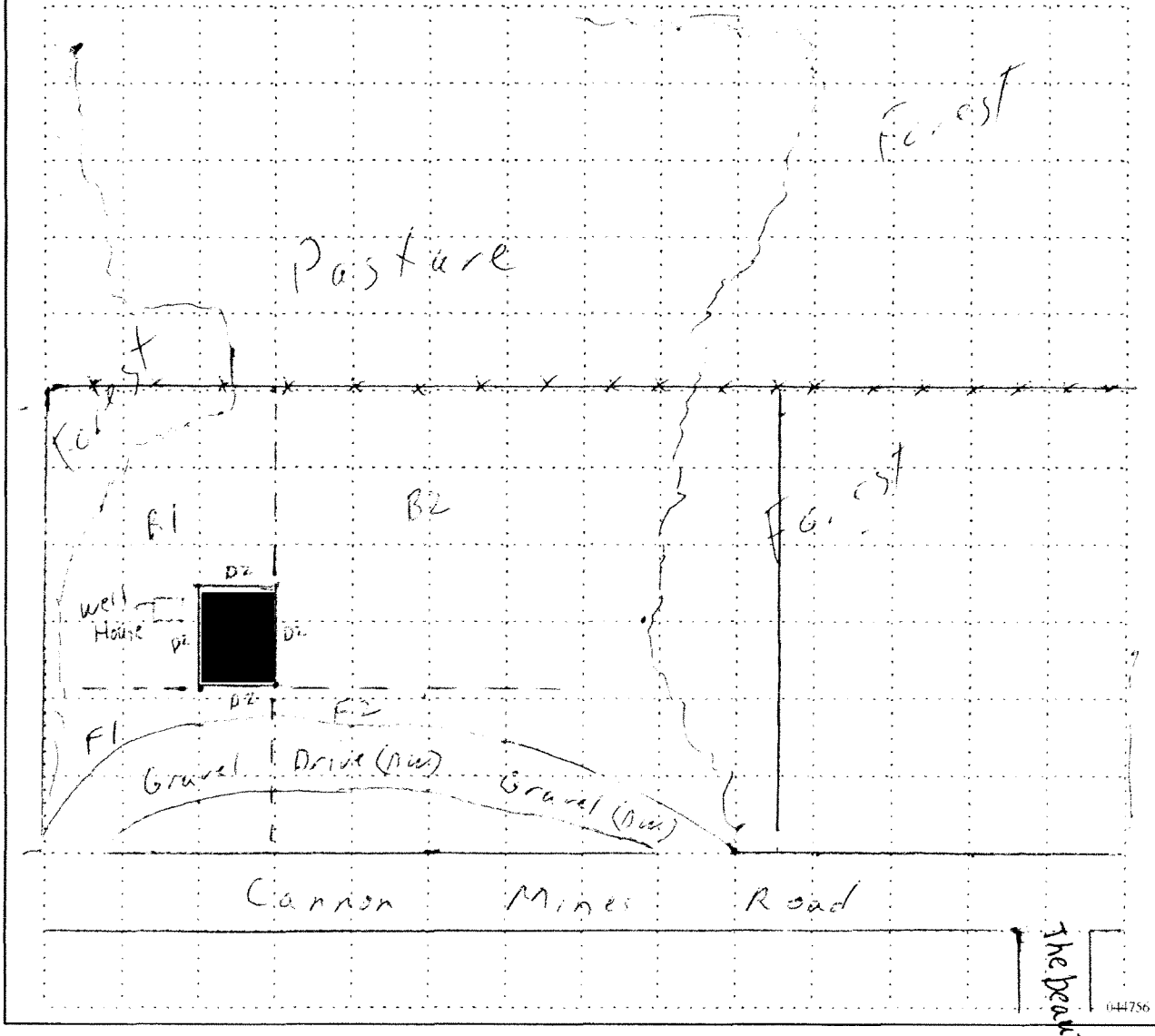
North Arrow: N

Sample Number		Lead Concentration		Sample Collected	LAB
	F1	801	ppm	☑	☑
	F2	688	ppm	☑	☐
	B1	453	ppm	☑	☐
	B2	502	ppm	☑	☐
	DZ	610	ppm	☑	☐
DW ~~GZ~~		1277	ppm	☑	☐
	PZ		ppm	☐	☐
		Number of Samples =		6	1

Samples Collected
Firm: Professional Environmental
Date: August 21, 2008
Time: 11:43 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-24-08
Time: 14:45
Staff: CEMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 32 feet

30182

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↑

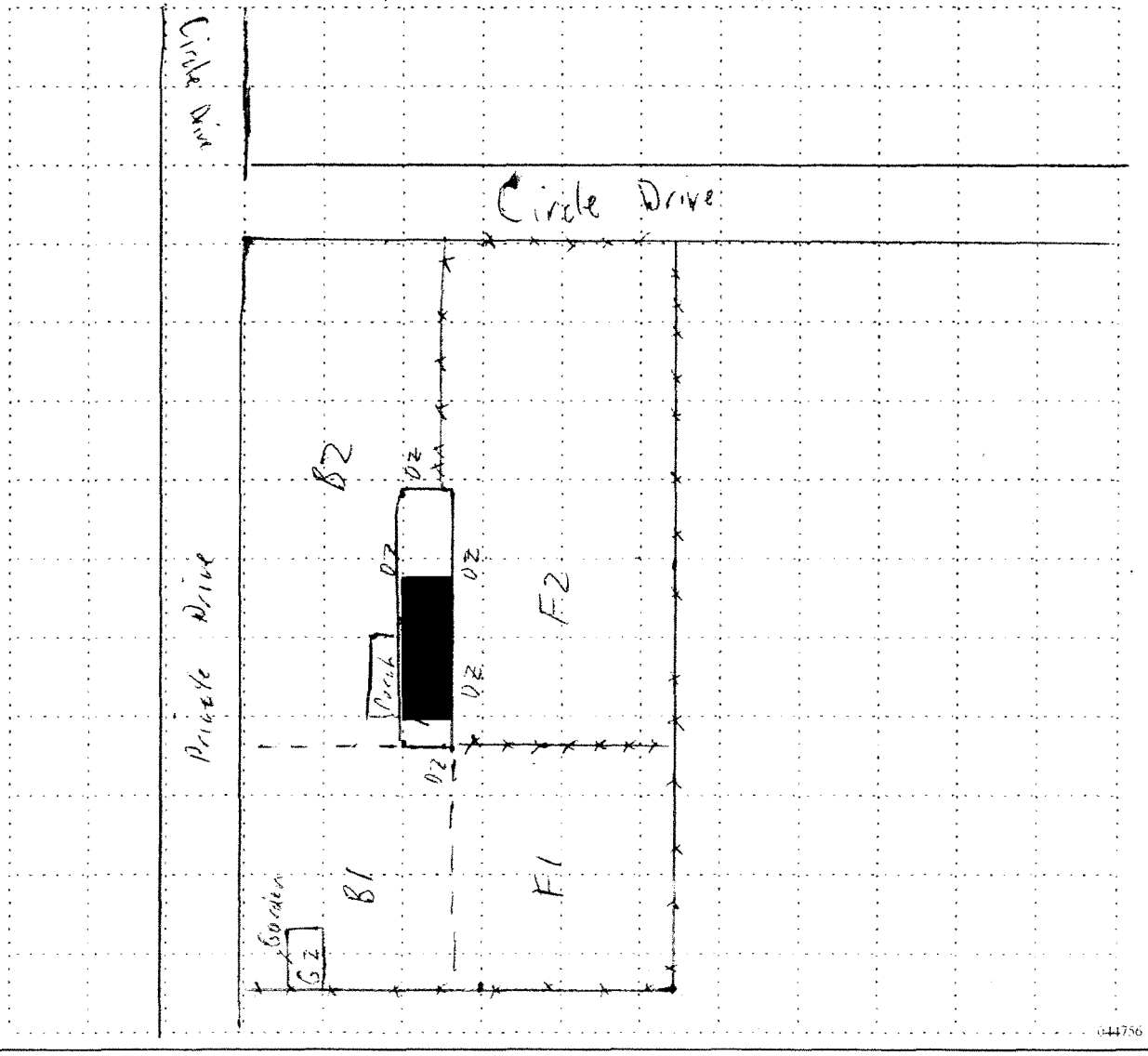
Sample Number	Lead Concentration		Sample Collected	LAB
F1	345	ppm	☑	☐
F2	284	ppm	☑	☐
B1	452	ppm	☑	☐
B2	327	ppm	☑	☐
DZ	871	ppm	☑	☐
GZ	154	ppm	☑	☑
PZ		ppm	☐	☐
Number of Samples =			6	1

Samples Collected
Firm: Professional Environmental
Date: 8-11-08
Time: 1:30 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-12-08
Time: 14:20
Staff: CRM

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



044756

Water-

30271

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

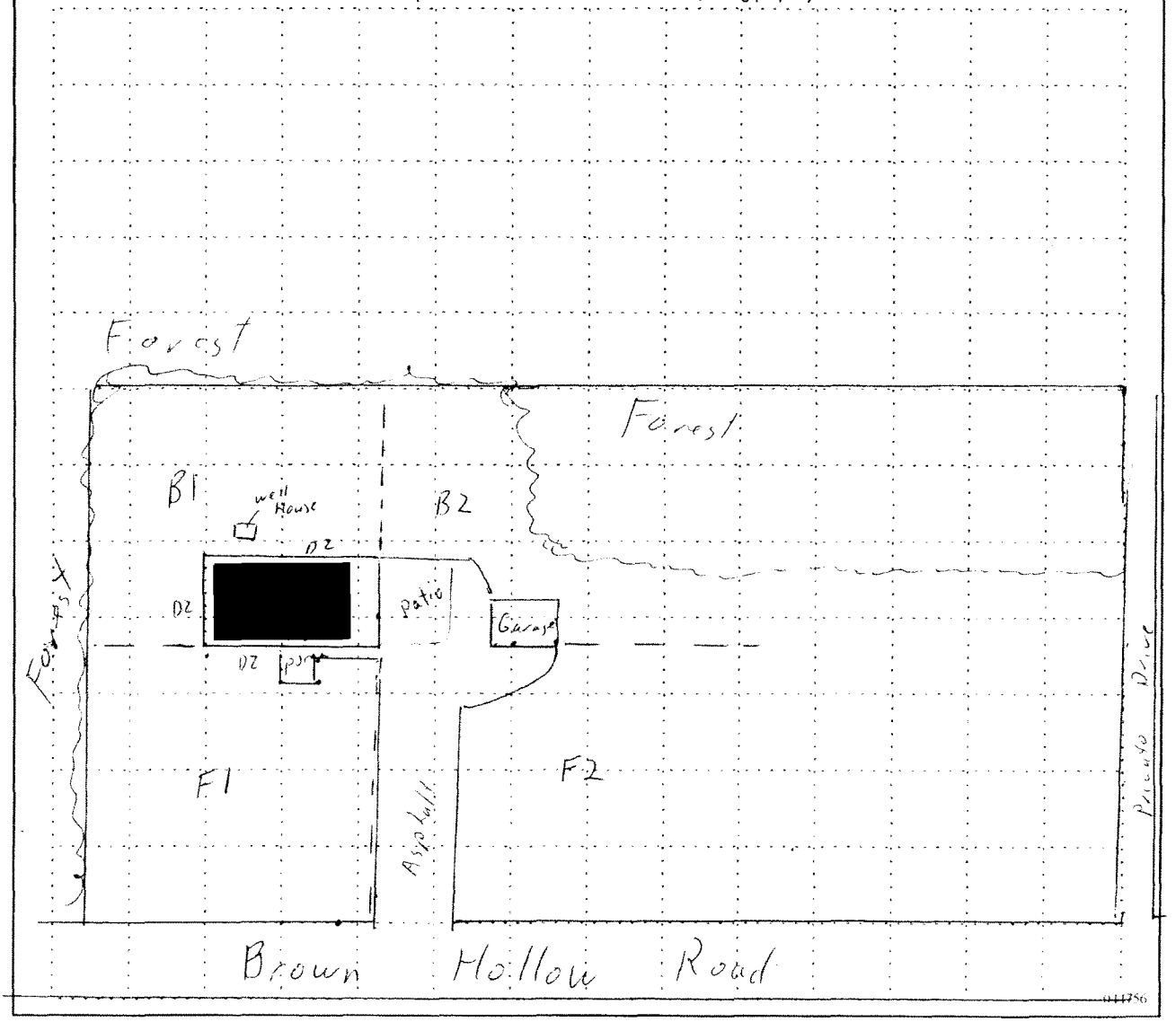
North Arrow: N

Sample Number	Lead Concentration	Sample Collected	LAB
F1	530 ppm	☑	☐
F2	1261 ppm	☑	☑
B1	773 ppm	☑	☐
B2	1095 ppm	☑	☐
DZ	1304 ppm	☑	☐
GZ	____ ppm	☐	☐
PZ	____ ppm	☐	☐
Number of Samples =		5	1

Samples Collected
Firm: Professional Environmental
Date: ~~11-5~~ August 26, 2008
Time: 11:53 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-26-08
Time: 14:00
Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 30 feet

30364

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

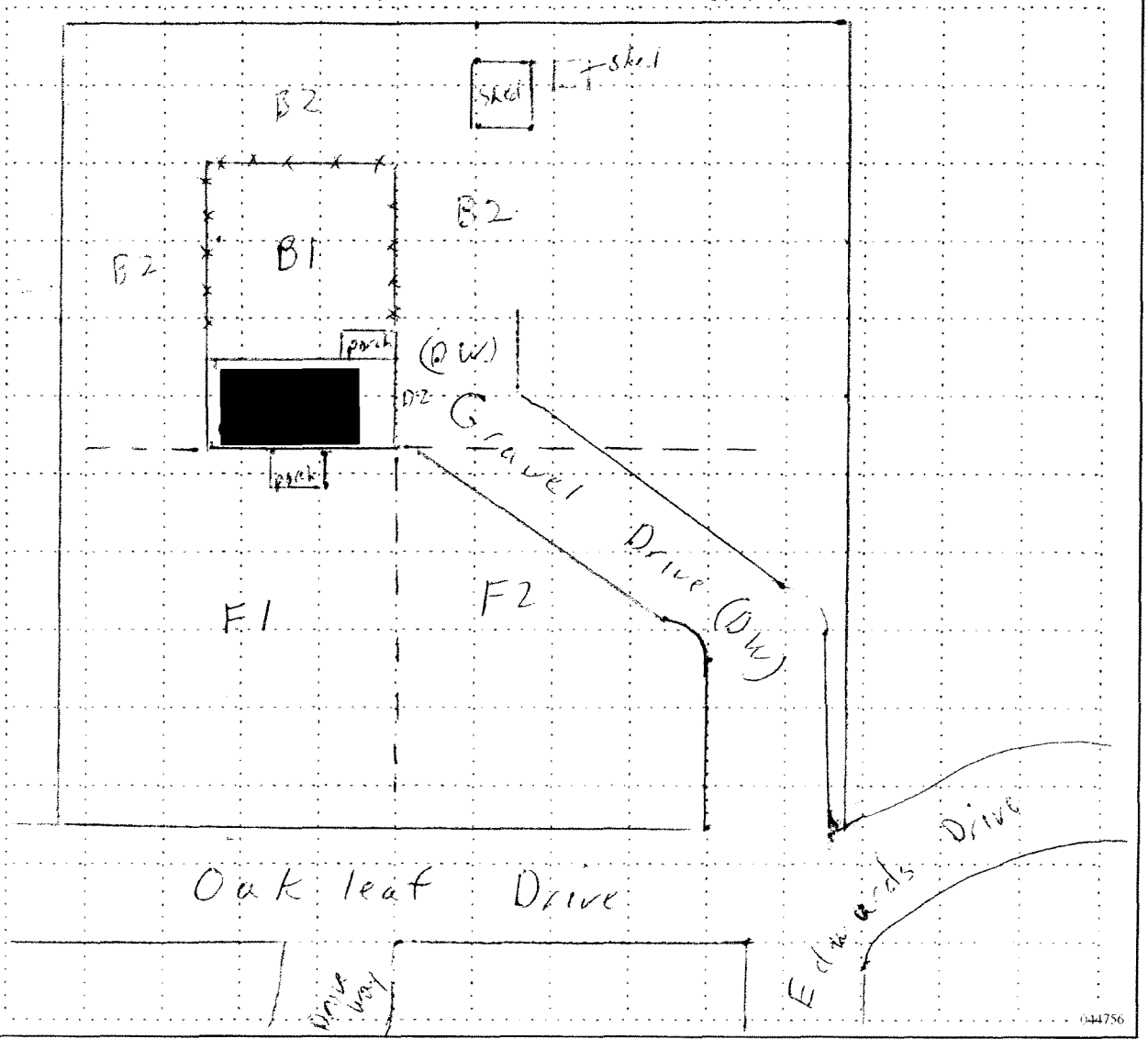
North Arrow: N ↑

Sample Number		Lead Concentration		Sample Collected	LAB
	F1	1052	ppm	☑	☑
	F2	631	ppm	☑	☐
	B1	598	ppm	☑	☐
	B2	1141	ppm	☑	☐
	DZ	1281	ppm	☑	☐
DW	~~GZ~~	687	ppm	☑	☐
	PZ		ppm	☐	☐
		Number of Samples =		6	1

Samples Collected
Firm: Professional Environmental
Date: August 21, 2008
Time: 3:53 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-25-08
Time: 07:05
Staff: CRM E

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 23 feet

30417

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↑

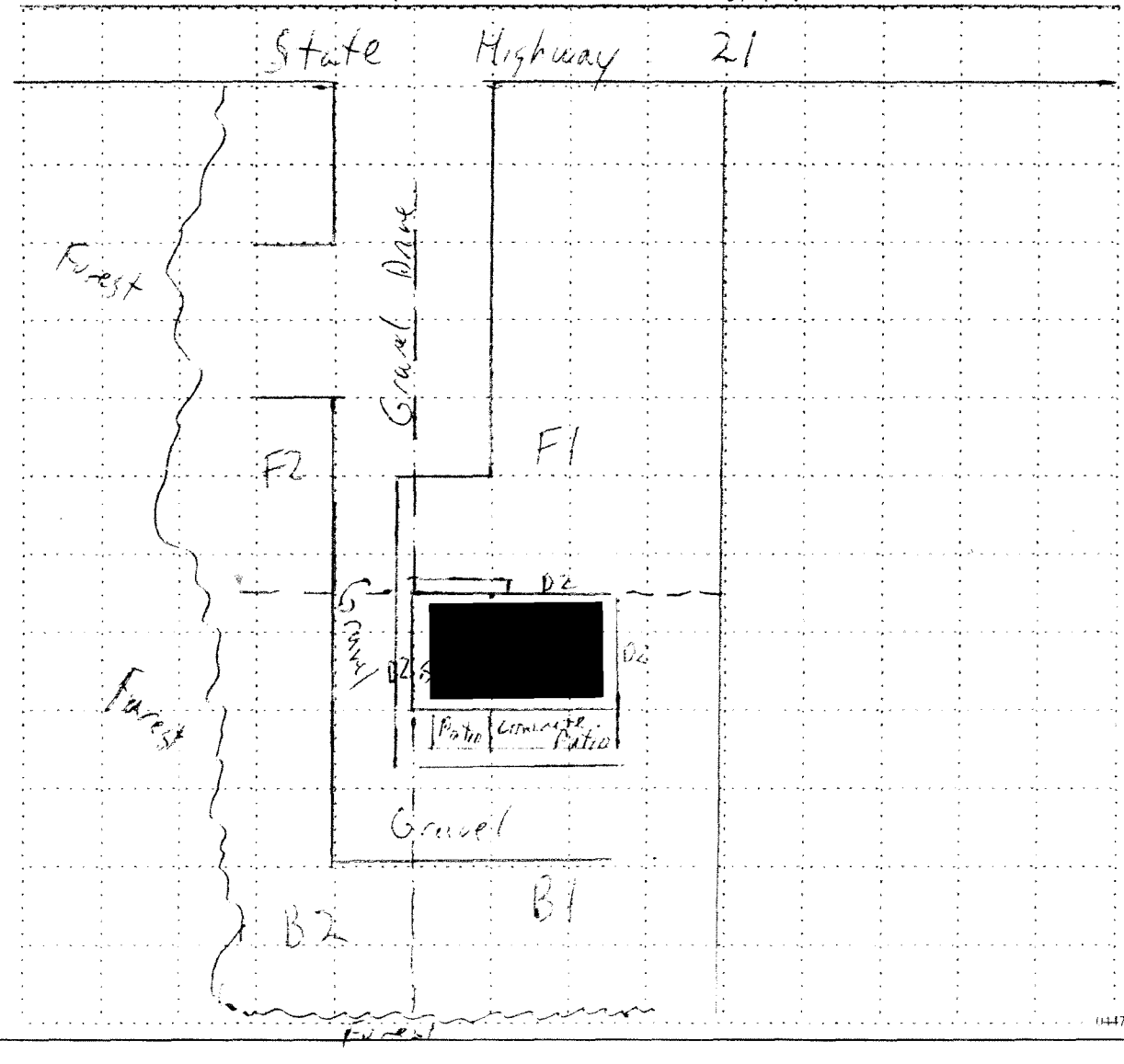
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	1267	ppm	☑	☐
	F2	1527	ppm	☑	☑
	B1	948	ppm	☑	☐
	B2	559	ppm	☑	☐
	DZ	1471	ppm	☑	☐
DW ~~GZ~~		1160	ppm	☑	☐
	PZ		ppm	☐	☐
water		Number of Samples =		6	1

Samples Collected
- Firm: Professional Environmental
- Date: 8-14-08
- Time: 12:07 PM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-21-08
- Time: 07:00
- Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 Square = 20 feet

30648

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ←

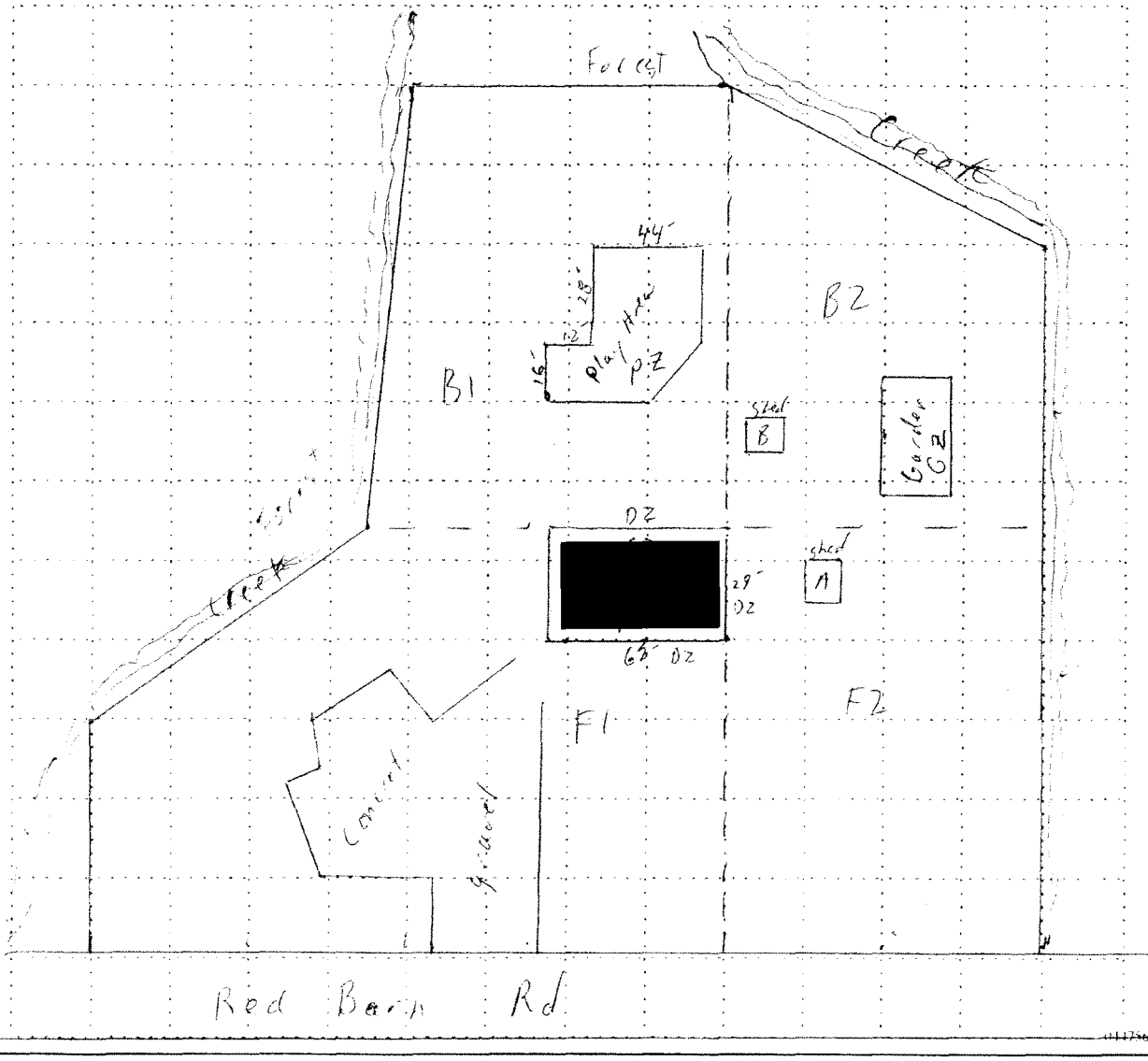
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	444	ppm	☑	☐
	F2	1136	ppm	☑	☐
	B1	813	ppm	☑	☐
	B2	484	ppm	☑	☐
	DZ	1325	ppm	☑	☐
	GZ	399	ppm	☑	☐
DW = 1466 ppm	PZ	432	ppm	☑	☐
		Number of Samples =		7	

Samples Collected
- Firm: PE, WC, SCB
- Date: 7-31-08
- Time: 9:24 AM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-3-08
- Time: 13:55
- Staff: CRMB

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



Water

30553

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N

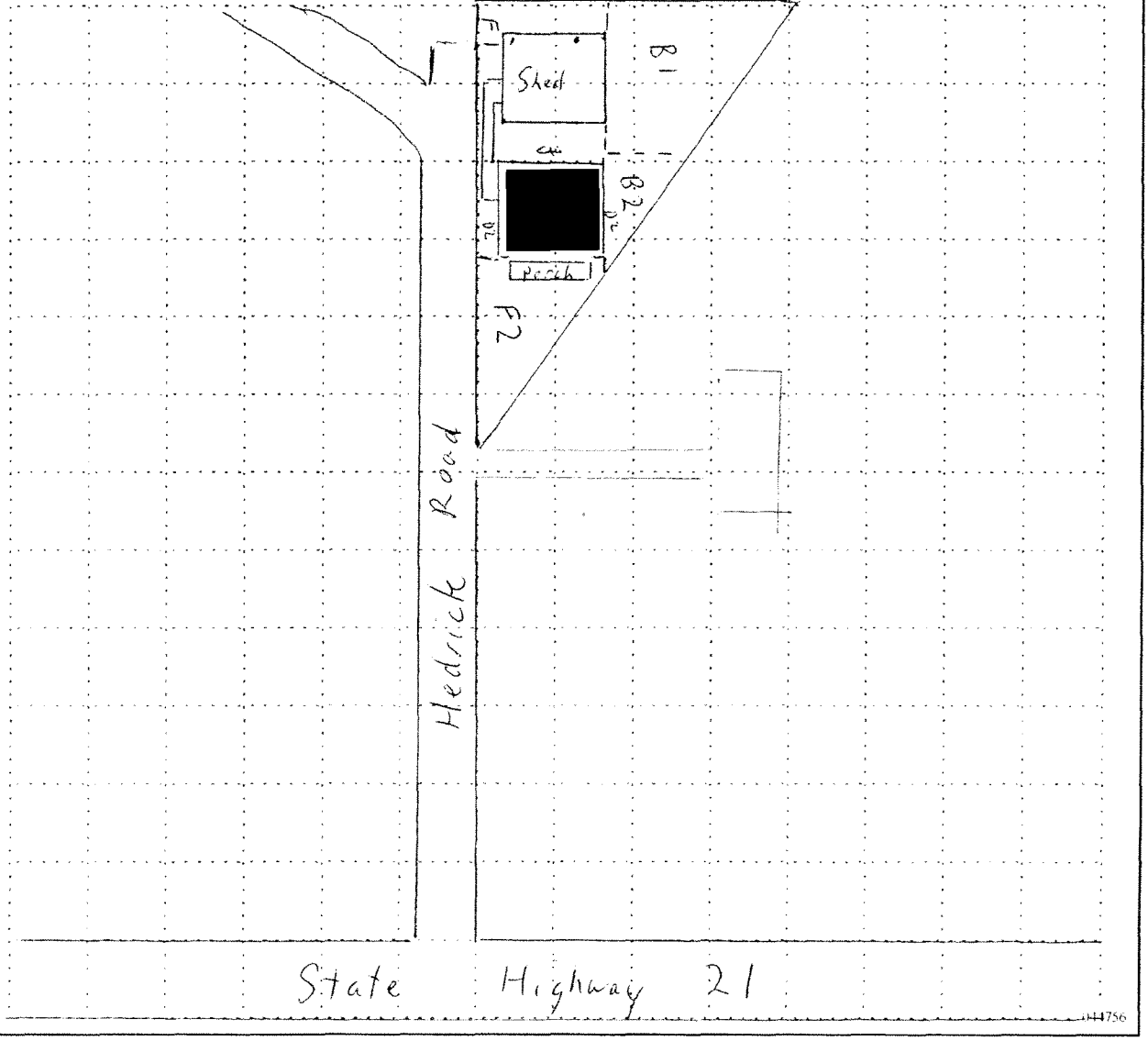
Sample Number	Lead Concentration		Sample Collected	LAB
F1	664	ppm	☑	☐
F2	852	ppm	☑	☑
B1	460	ppm	☑	☐
B2	992	ppm	☑	☐
DZ	831	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐
Number of Samples =			5	1

Samples Collected
- Firm: Professional Environmental
- Date: August 13, 2008
- Time: 11:21 AM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-19-09
- Time: 11:35
- Staff: CRM

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 square = 3 ft

Water

30577

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↖

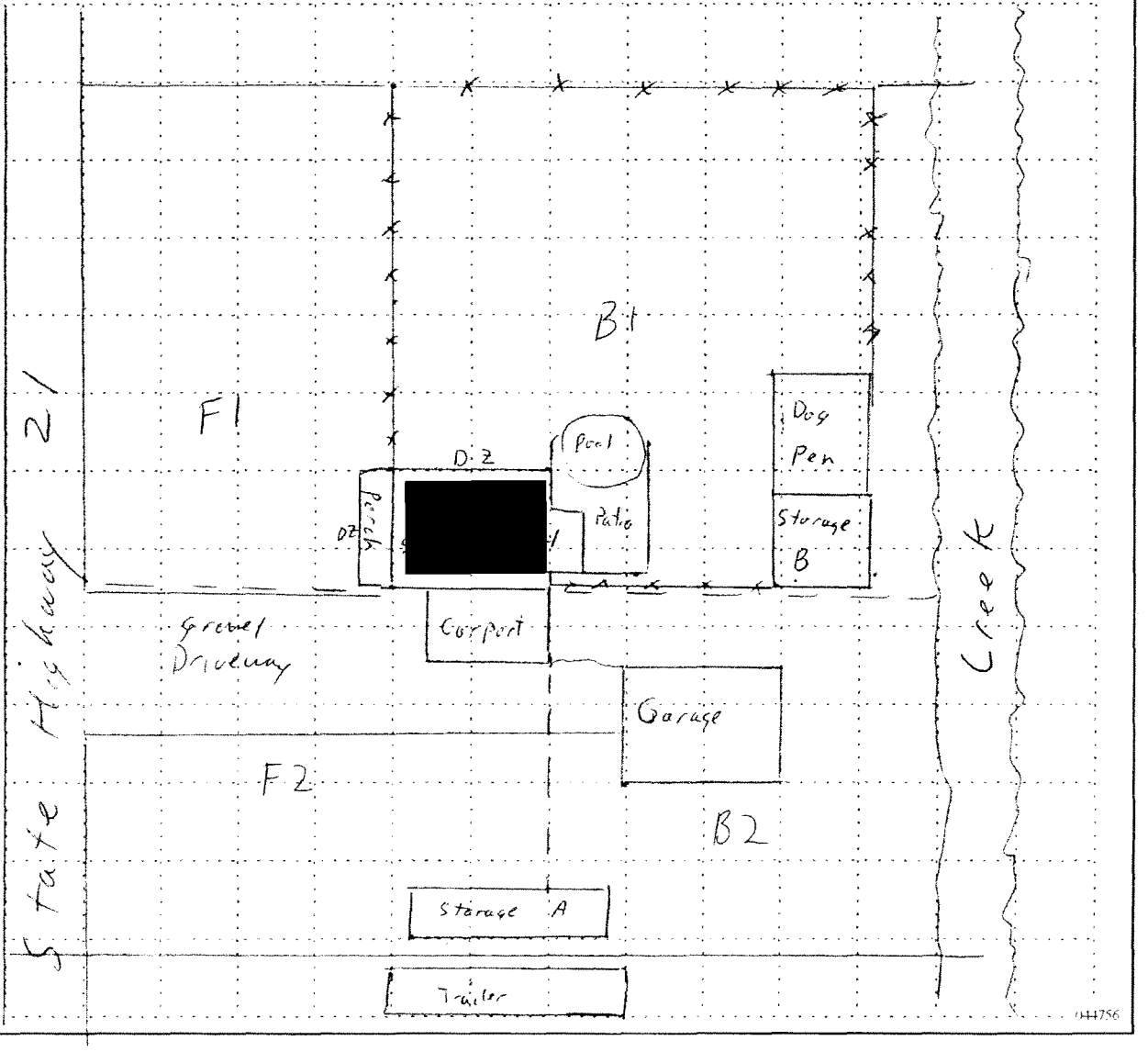
Sample Number	Lead Concentration		Sample Collected	LAB
F1	532	ppm	☑	☐
F2	794	ppm	☑	☐
B1	353	ppm	☑	☐
B2	389	ppm	☑	☐
DZ	485	ppm	☑	☐
GZ		ppm	☐	☐
PZ		ppm	☐	☐

Number of Samples = 5

Samples Collected
Firm: Professional Environmental
Date: August 25 2008
Time: 3:43 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-26-08
Time: 11:50
Staff: CRM Z

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 square = 20 feet

30651

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N ↑

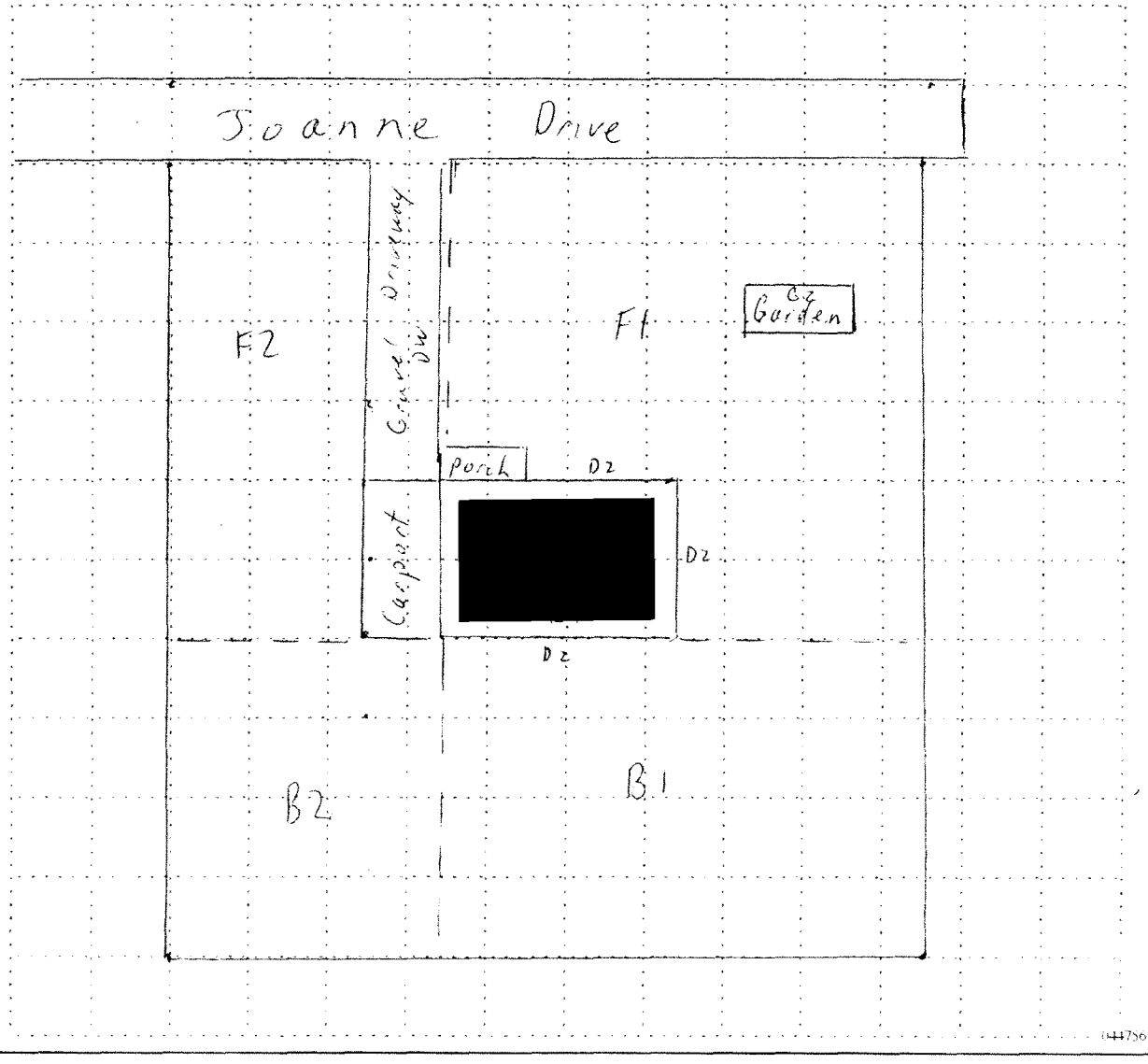
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	861	ppm	☑	☐
	F2	950	ppm	☑	☐
	B1	1287	ppm	☑	☐
	B2	1246	ppm	☑	☑
	DZ	1060	ppm	☑	☐
	GZ	345	ppm	☑	☐
DW	~~PZ~~	1094	ppm	☑	☐
		Number of Samples =		7	1

Samples Collected
Firm: Prof. Environmental
Date: 8-14-08
Time: 11:22 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-19-08
Time: 15:15
Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



044756

1 square = 13 feet

30911

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow

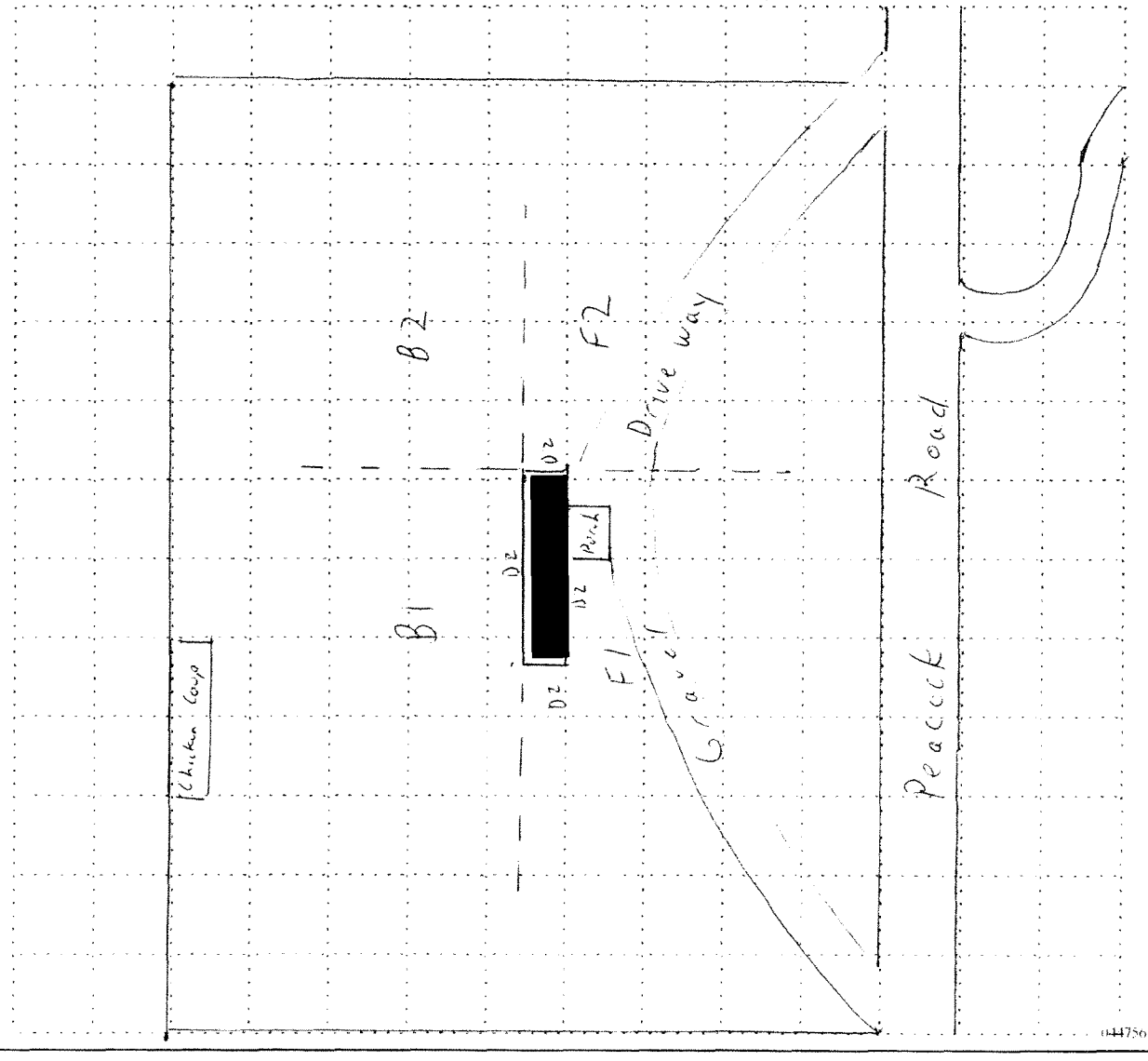
Sample Number	Lead Concentration		Sample Collected	LAB
F1	813	ppm	☑	☐
F2	1052	ppm	☑	☐
B1	891	ppm	☑	☐
B2	1243	ppm	☑	☑
DZ	944	ppm	☑	☐
GZ		ppm	☐	☐
~~DW PZ~~	580	ppm	☐	☐
Number of Samples =			5	1

Samples Collected
Firm: Professional Environmental
Date: August 13, 2008
Time: 9:35 AM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-19-09
Time: 12:50
Staff: CRM E

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



1 Square = 33.5 feet

30914

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

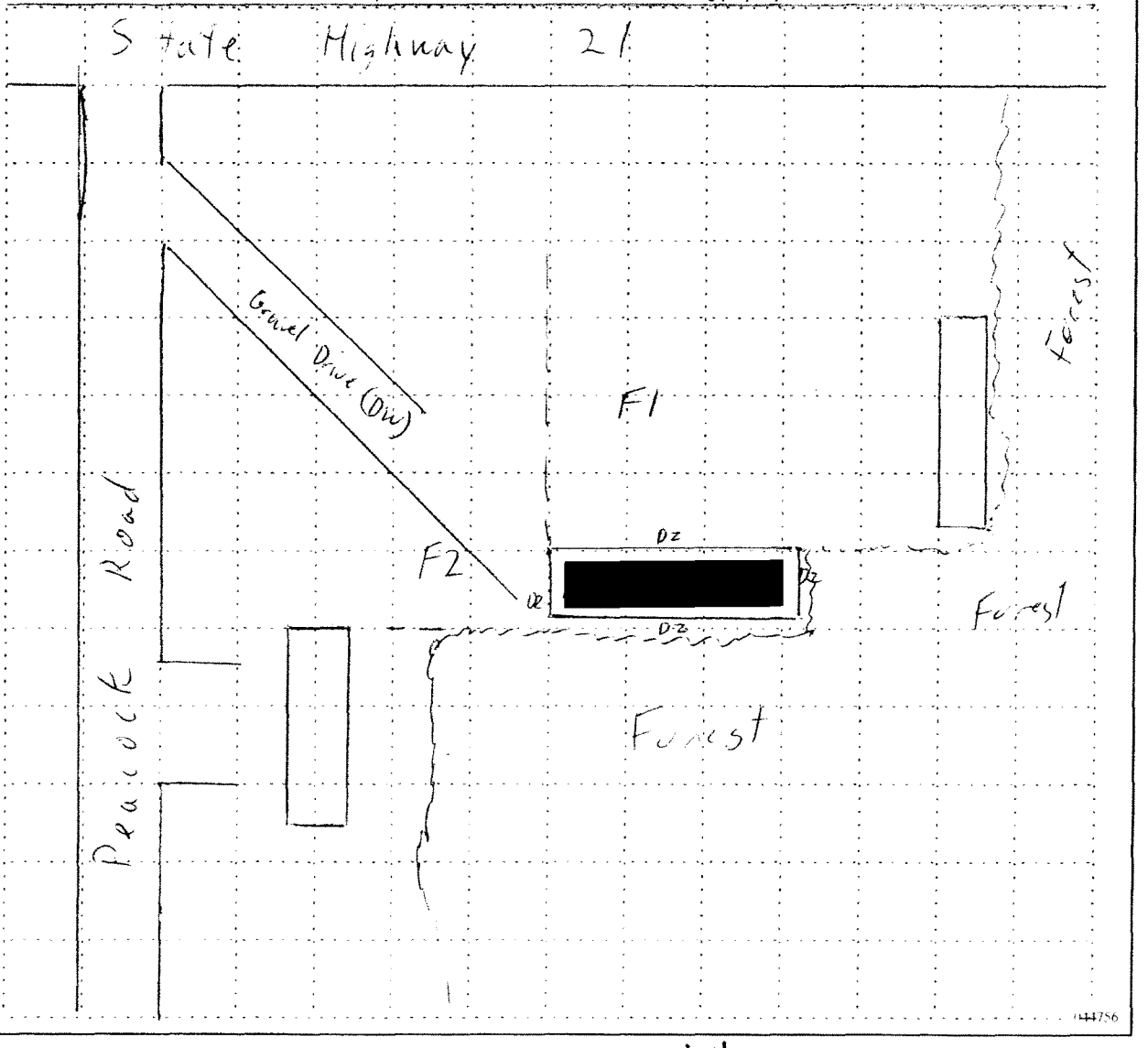
North Arrow

Sample Number	Lead Concentration		Sample Collected	LAB
F1	479	ppm	☑	☐
F2	803	ppm	☑	☑
B1		ppm	☐	☐
B2		ppm	☐	☐
DZ	2082	ppm	☑	☐
~~GZ~~		ppm	☐	☐
PZ		ppm	☐	☐
Number of Samples =			3	1

Samples Collected
Firm: Professional Environmental
Date: August 15, 2008
Time: 1:00 PM

Samples Analyzed
XRF Unit: 8832 Book: 3
Date: 8-19-09
Time: 09:00
Staff: CRM & [illegible]

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



1 Square = 30 feet

30965

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

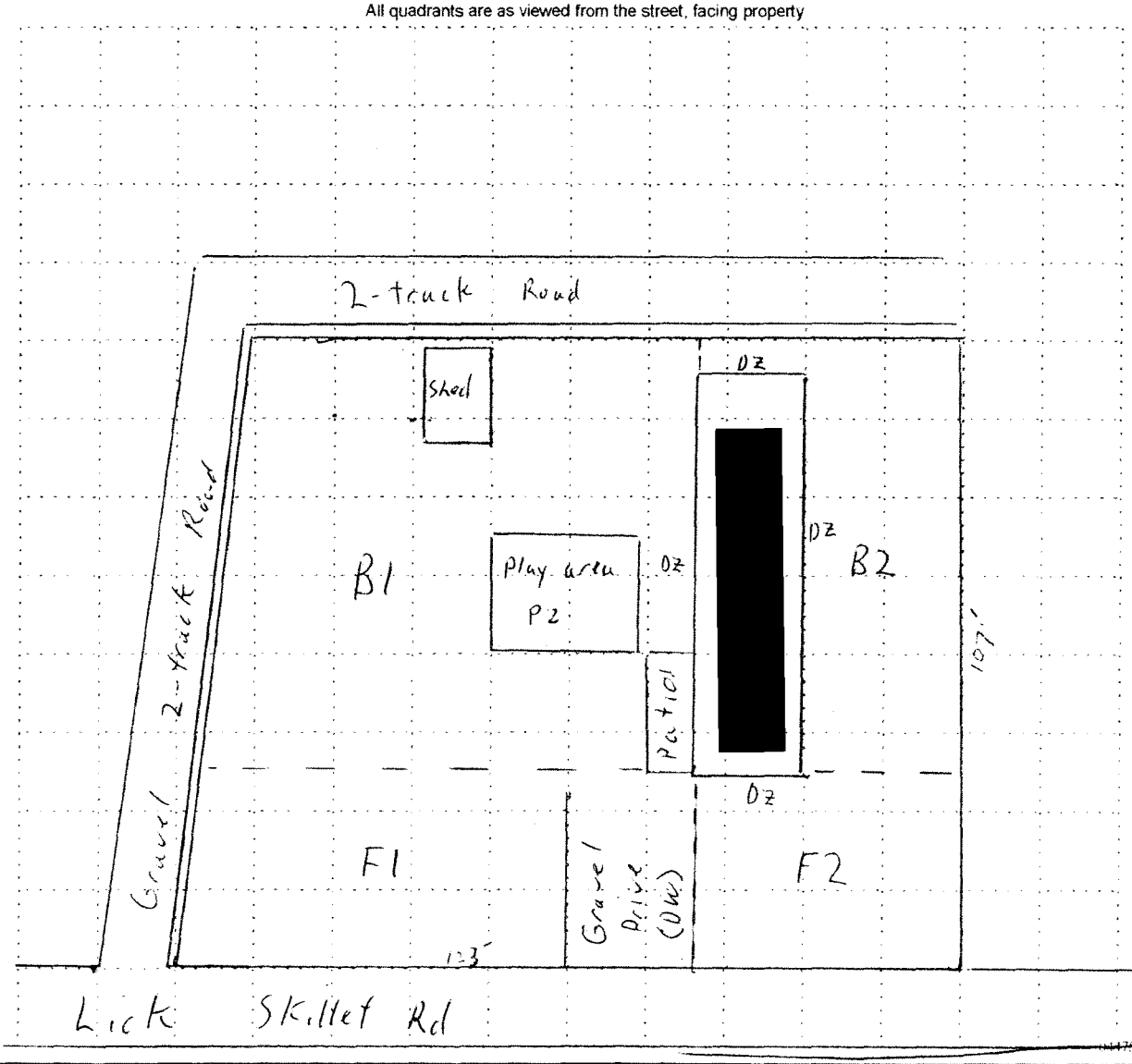
North Arrow: N

Sample Number		Lead Concentration		Sample Collected	LAB
	F1	142	ppm	☑	☐
	F2	139	ppm	☑	☐
	B1	165	ppm	☑	☐
	B2	135	ppm	☑	☐
	DZ	147	ppm	☑	☐
DW ~~GZ~~		1131	ppm	☑	☐
	PZ	207	ppm	☑	☐
		Number of Samples =		7	

Samples Collected
- Firm: PEJ, WC, SLB
- Date: 7-30-08
- Time: 5:00 PM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-1-08
- Time: 07:10
- Staff: CRMT

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property



Water-

3/016

Potosi Site
Site Sketch

Sampling Address: [redacted]

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow: N

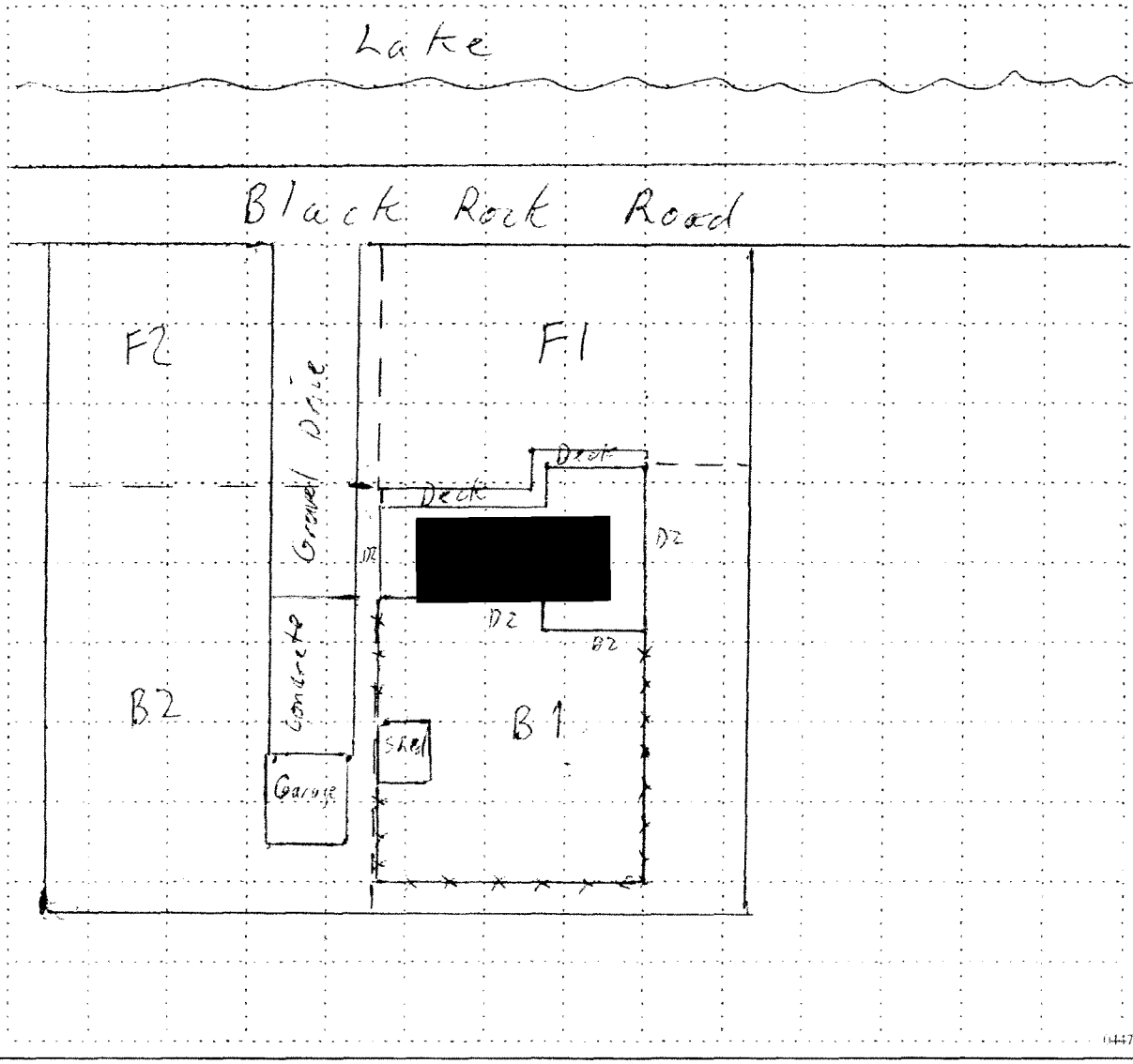
Sample Number		Lead Concentration		Sample Collected	LAB
	F1	131	ppm	☑	☐
	F2	678	ppm	☑	☐
	B1	12	ppm	☑	☐
	B2	583	ppm	☑	☑
	DZ	332	ppm	☑	☐
	GZ		ppm	☐	☐
	PZ		ppm	☐	☐
water					
			Number of Samples =	5	1

Samples Collected
- Firm: Professional Environmental
- Date: 8-7-08
- Time: 1:00 PM

Samples Analyzed
- XRF Unit: 8832 Book: 3
- Date: 8-10-08
- Time: 13:45
- Staff: CRMZ

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property



044756

1 square = 25 feet

Appendix C

XRF Data

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
9-Jul-08	1			-0.017286			PASS	Standardiz
9-Jul-08	2							Soil
9-Jul-08	3							Soil
9-Jul-08	4							Soil
22-Jul-08	1			-0.020282			PASS	Standardiz
22-Jul-08	2							Soil
22-Jul-08	3							Soil
22-Jul-08	4							Soil
22-Jul-08	5							Soil
22-Jul-08	6							Soil
22-Jul-08	7							Soil
22-Jul-08	8							Soil
22-Jul-08	9							Soil
22-Jul-08	10							Soil
22-Jul-08	11							Soil
22-Jul-08	12							Soil
22-Jul-08	13							Soil
22-Jul-08	14							Soil
22-Jul-08	15							Soil
22-Jul-08	16							Soil
22-Jul-08	17							Soil
22-Jul-08	18							Soil
22-Jul-08	19			-0.017565			PASS	Standardiz
22-Jul-08	20							Soil
22-Jul-08	21				20758	F1		Soil
22-Jul-08	22				20758	F1		Soil
22-Jul-08	23				20758	F1		Soil
22-Jul-08	24				NIST 2711			Soil
22-Jul-08	25				20758	F2		Soil
22-Jul-08	26				20758	F2		Soil
22-Jul-08	27				20758	F2		Soil
22-Jul-08	28				20758	B1		Soil
22-Jul-08	29				20758	B1		Soil
22-Jul-08	30				20758	B1		Soil
22-Jul-08	31				20758	B2		Soil
22-Jul-08	32				20758	B2		Soil
22-Jul-08	33				20758	B2		Soil
22-Jul-08	34				20758	DZ		Soil
22-Jul-08	35				20758	DZ		Soil
22-Jul-08	36				20758	DZ		Soil
22-Jul-08	37				20758	PZ		Soil
22-Jul-08	38				20758	PZ		Soil
22-Jul-08	39				20758	DZ		Soil
22-Jul-08	40				5003	DZ-experiment-10 siev		Soil
22-Jul-08	41			-0.016853			PASS	Standardiz
22-Jul-08	42				5003	DZ-experiment-10 siev		Soil
22-Jul-08	43				5003	DZ-experiment-60 siev		Soil
22-Jul-08	44				5003	DZ-experiment-60 siev		Soil
23-Jul-08	1				NIST 2709-low			Soil
23-Jul-08	2			-0.016602			PASS	Standardiz

23-Jul-08	3	NIST 2711-medium	Soil
23-Jul-08	4	NIST 2710-high	Soil
23-Jul-08	5	5003 DZ	Soil
23-Jul-08	6	5003 DZ	Soil
23-Jul-08	7	5003 DZ	Soil
23-Jul-08	8	5003 B1	Soil
23-Jul-08	9	5003 B1	Soil
23-Jul-08	10	5003 B1	Soil
23-Jul-08	11	5003 B2	Soil
23-Jul-08	12	5003 B2	Soil
23-Jul-08	13	5003 B2	Soil
23-Jul-08	14	5003 B2	Soil
23-Jul-08	15	23264 F1	Soil
23-Jul-08	16	23264 F1	Soil
23-Jul-08	17	23264 F1	Soil
23-Jul-08	18	23264 F2	Soil
23-Jul-08	19	23264 F2	Soil
23-Jul-08	20	23264 F2	Soil
23-Jul-08	21	23264 B1	Soil
23-Jul-08	22	23264 B1	Soil
23-Jul-08	23	23264 B1	Soil
23-Jul-08	24	23264 B2	Soil
23-Jul-08	25	23264 B2	Soil
23-Jul-08	26	23264 B2	Soil
23-Jul-08	27	23264 B2	Soil
23-Jul-08	28	23264 B2	Soil
23-Jul-08	29	23264 B2	Soil
23-Jul-08	30	23264 B2	Soil
23-Jul-08	31	23264 B2	Soil
23-Jul-08	32	23264 B2	Soil
23-Jul-08	33	23264 DZ	Soil
23-Jul-08	34	23264 DZ	Soil
23-Jul-08	35	23264 DZ	Soil
23-Jul-08	36	23264 GZ	Soil
23-Jul-08	37	23264 GZ	Soil
23-Jul-08	38	23264 GZ	Soil
23-Jul-08	39	8 F1	Soil
23-Jul-08	40	8 F1	Soil
23-Jul-08	41	8 F1	Soil
23-Jul-08	42	8 F2	Soil
23-Jul-08	43	8 F2	Soil
23-Jul-08	44	8 F2	Soil
23-Jul-08	45	8 B1	Soil
23-Jul-08	46	8 B1	Soil
23-Jul-08	47	8 B1	Soil
23-Jul-08	48	8 B2	Soil
23-Jul-08	49	8 B2	Soil
23-Jul-08	50	8 B2	Soil
23-Jul-08	51	8 DZ	Soil
23-Jul-08	52	8 DZ	Soil
23-Jul-08	53	8 DZ	Soil

23-Jul-08	54		23575	F1		Soil
23-Jul-08	55	-0.016813			PASS	Standardiz
23-Jul-08	56		23575	F1		Soil
23-Jul-08	57		23575	F1		Soil
23-Jul-08	58		23575	F2		Soil
23-Jul-08	59		23575	F2		Soil
23-Jul-08	60		23575	F2		Soil
23-Jul-08	61		23575	B1		Soil
23-Jul-08	62		23575	B1		Soil
23-Jul-08	63		23575	B1		Soil
23-Jul-08	64		23575	B2		Soil
23-Jul-08	65		23575	B2		Soil
23-Jul-08	66		23575	B2		Soil
23-Jul-08	67		23575	B2		Soil
23-Jul-08	68		23575	DZ		Soil
23-Jul-08	69		23575	DZ		Soil
23-Jul-08	70		20758	F1		Soil
23-Jul-08	71		69	F1-10 sieve		Soil
23-Jul-08	72		69	F1-10 sieve		Soil
23-Jul-08	73		69	F1-10 sieve		Soil
23-Jul-08	74		69	F1-10 sieve		Soil
23-Jul-08	75		69	F1-10 sieve		Soil
23-Jul-08	76		69	F1-10 sieve		Soil
23-Jul-08	77		69	F1-10 sieve		Soil
23-Jul-08	78		69	F1-10 sieve		Soil
23-Jul-08	79		69	F1-10 sieve		Soil
23-Jul-08	80		69	F1-60 sieve		Soil
23-Jul-08	81		69	F1-60 sieve		Soil
23-Jul-08	82		69	F1-60 sieve		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
12:25:03								
12:26:33				<LOD		0	NA	
12:29:31				<LOD		0	NA	
12:32:59				<LOD		0	NA	
7:50:10								
7:52:13				<LOD		0	NA	
7:54:35				<LOD		0	NA	
7:57:22				<LOD		0	NA	
8:07:00				<LOD		0	NA	
8:09:20				<LOD		0	NA	
8:11:21				<LOD		0	NA	
8:16:29				<LOD		0	NA	
8:18:54				<LOD		0	NA	
8:21:04				<LOD		0	NA	
8:24:28				<LOD		0	NA	
8:26:28				<LOD		0	NA	
8:28:26				<LOD		0	NA	
8:31:12				<LOD		0	NA	
8:33:36				<LOD		0	NA	
8:38:34				<LOD		0	NA	
8:41:59				<LOD		0	NA	
8:45:00				<LOD		0	NA	
13:14:12								
13:16:26				<LOD		0	NA	
14:51:00	shot 1			<LOD		0	NA	
15:38:33	shot 2			<LOD		0	NA	
16:12:32	shot 3			<LOD		0	NA	
16:16:21				<LOD		0	NA	
16:20:04	shot 1			<LOD		0	NA	
16:23:27	shot 2			<LOD		0	NA	
16:26:22	shot 3			<LOD		0	NA	
16:32:02	shot 1			<LOD		0	NA	
16:34:41	shot 2			<LOD		0	NA	
16:37:25	shot 3			<LOD		0	NA	
16:42:05	shot 1			<LOD		0	NA	
16:44:31	shot 2			<LOD		0	NA	
16:46:54	shot 3			<LOD		0	NA	
16:51:37	shot 1			<LOD		0	NA	
16:54:17	shot 2			<LOD		0	NA	
16:56:37	shot 3			<LOD		0	NA	
17:00:59	shot 1			<LOD		0	NA	
17:04:56	shot 2			<LOD		0	NA	
17:10:15	shot 3			<LOD		0	NA	
17:30:32	shot 1			<LOD		0	NA	
17:34:47								
17:36:26	shot 2			<LOD		0	NA	
17:51:25	shot 1			<LOD		0	NA	
17:56:53	shot 2			<LOD		0	NA	
7:24:41				<LOD		0	NA	
7:27:51								

7:29:19		<LOD	0	NA
7:32:38		<LOD	0	NA
7:37:33	shot 1	<LOD	0	NA
7:40:02	shot 2	<LOD	0	NA
7:42:52	shot 3	<LOD	0	NA
8:04:38	shot 1	<LOD	0	NA
8:07:13	shot 2	<LOD	0	NA
8:09:45	shot 3	<LOD	0	NA
8:12:23	shot 1	<LOD	0	NA
8:15:06	shot 2	<LOD	0	NA
8:17:35	shot 3	<LOD	0	NA
8:21:15	shot 4	<LOD	0	NA
8:47:19	shot 1	<LOD	0	NA
8:57:28	shot 2	<LOD	0	NA
9:01:52	shot 3	<LOD	0	NA
9:07:37	shot 1	<LOD	0	NA
9:10:06	shot 2	<LOD	0	NA
9:12:24	shot 3	<LOD	0	NA
9:15:03	shot 1	<LOD	0	NA
9:17:36	shot 2	<LOD	0	NA
9:20:48	shot 3	<LOD	0	NA
9:23:52	shot 1	<LOD	0	NA
9:30:56	shot 2	<LOD	0	NA
9:34:30	shot 3	<LOD	0	NA
9:37:30	shot 4	<LOD	0	NA
9:39:54	shot 5	<LOD	0	NA
9:42:24	shot 6	<LOD	0	NA
9:50:08	shot 7	<LOD	0	NA
9:52:58	shot 8	<LOD	0	NA
9:56:29	shot 9	<LOD	0	NA
9:59:52	shot 1	<LOD	0	NA
10:03:20	shot 2	<LOD	0	NA
10:06:43	shot 3	<LOD	0	NA
10:11:25	shot 1	<LOD	0	NA
10:13:58	shot 2	<LOD	0	NA
10:16:19	shot 3	<LOD	0	NA
10:21:20	shot 1	<LOD	0	NA
10:28:24	shot 2	<LOD	0	NA
10:33:38	shot 3	<LOD	0	NA
10:38:34	shot 1	<LOD	0	NA
10:42:01	shot 2	<LOD	0	NA
10:45:47	shot 3	<LOD	0	NA
10:50:05	shot 1	<LOD	0	NA
10:53:56	shot 2	<LOD	0	NA
10:56:17	shot 3	<LOD	0	NA
11:03:34	shot 1	<LOD	0	NA
11:06:10	shot 2	<LOD	0	NA
11:08:44	shot 3	<LOD	0	NA
11:11:30	shot 1	<LOD	0	NA
11:14:54	shot 2	<LOD	0	NA
11:19:30	shot 3	<LOD	0	NA

14:50:04	shot 1	<LOD	0	NA
14:53:31				
14:57:21	shot 2	<LOD	0	NA
14:59:42	shot 3	<LOD	0	NA
15:04:39	shot 1	<LOD	0	NA
15:07:28	shot 2	<LOD	0	NA
15:09:31	shot 3	<LOD	0	NA
15:16:54	shot 1	<LOD	0	NA
15:20:32	shot 2	<LOD	0	NA
15:24:28	shot 3	<LOD	0	NA
15:27:51	shot 1	<LOD	0	NA
15:31:11	shot 2	<LOD	0	NA
15:35:19	shot 3	<LOD	0	NA
15:40:07	shot 4	<LOD	0	NA
15:45:07	shot 1	<LOD	0	NA
15:48:27	shot 2	<LOD	0	NA
15:51:18	shot 2	<LOD	0	NA
16:50:02	shot 1	<LOD	0	NA
16:52:43	shot 2	<LOD	0	NA
16:55:19	shot 3	<LOD	0	NA
17:00:40	shot 4	<LOD	0	NA
17:03:32	shot 5	<LOD	0	NA
17:06:13	shot 6	<LOD	0	NA
17:08:42	shot 7	<LOD	0	NA
17:13:33	shot 8	<LOD	0	NA
17:17:51	shot 9	<LOD	0	NA
17:39:00	shot 1	<LOD	0	NA
17:41:37	shot 2	<LOD	0	NA
17:44:01	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
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K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3544	326	Pass	131	35
	NA			2724	382	Pass	<LOD	127
	NA			3949	321	Pass	<LOD	99
	NA			3503	317	Pass	171	36
	NA			2257	309	Pass	<LOD	101
	NA			2651	383	Pass	<LOD	134
	NA			3259	272	Pass	<LOD	81
	NA			4018	286	Pass	<LOD	77
	NA			3862	279	Pass	<LOD	79
	NA			3565	277	Pass	122	29
	NA			3131	269	Pass	<LOD	79
	NA			3344	271	Pass	<LOD	82
	NA			3341	280	Pass	<LOD	83
	NA			8837	367	Pass	99	29
	NA			3392	283	Pass	<LOD	83
	NA			2952	250	Pass	<LOD	74
	NA			2384	247	Pass	95	27
	NA			2632	246	Pass	<LOD	74
	NA			3944	292	Pass	<LOD	85
	NA			3602	275	Pass	<LOD	80
	NA			3843	289	Pass	<LOD	79
	NA			4242	276	Pass	<LOD	73
	NA			4342	277	Pass	<LOD	77
	NA			4808	280	Pass	<LOD	71
	NA			3122	309	Pass	<LOD	93
	NA			4318	288	Pass	112	28
	NA			3942	280	Pass	<LOD	73
	NA			3939	278	Pass	<LOD	77
	NA			3994	272	Pass	<LOD	76
	NA			3685	269	Pass	<LOD	75
	NA			4414	279	Pass	<LOD	76
	NA			4374	280	Pass	<LOD	76
	NA			4607	286	Pass	<LOD	77
	NA			5320	298	Pass	<LOD	76
	NA			3764	281	Pass	115	28
	NA			4155	282	Pass	83	27
	NA			4048	275	Pass	<LOD	76
	NA			4208	298	Pass	<LOD	83
	NA			4634	289	Pass	<LOD	80
	NA			4820	293	Pass	93	28
	NA			4150	611	Pass	<LOD	168
	NA			3834	603	Pass	182	57
	NA			4511	614	Pass	<LOD	168
	NA			4786	629	Pass	187	59
	NA			3631	324	Pass	178	36

NA	2870	304	Pass	<LOD		96
NA	2679	372	Pass	<LOD		126
NA	5052	637	Pass	<LOD		168
NA	5893	638	Pass	<LOD		165
NA	3916	615	Pass	<LOD		165
NA	3733	466	Pass		190	45
NA	4251	464	Pass	<LOD		125
NA	3663	452	Pass		196	44
NA	2919	515	Pass	<LOD		144
NA	4166	518	Pass	<LOD		141
NA	16729	1674	Pass	<LOD		378
NA	3550	513	Pass	<LOD		139
NA	3166	333	Pass		98	32
NA	3172	326	Pass		116	32
NA	3915	346	Pass		163	34
NA	3704	304	Pass	<LOD		78
NA	3962	319	Pass	<LOD		87
NA	3672	324	Pass	<LOD		87
NA	3323	345	Pass	<LOD		98
NA	3550	347	Pass	<LOD		100
NA	3524	351	Pass	<LOD		95
NA	3096	275	Pass	<LOD		81
NA	2941	273	Pass	<LOD		75
NA	3054	286	Pass	<LOD		81
NA	2923	283	Pass		91	29
NA	3439	275	Pass	<LOD		81
NA	5221	369	Pass	<LOD		99
NA	3285	271	Pass	<LOD		79
NA	2531	267	Pass		101	28
NA	3301	281	Pass	<LOD		80
NA	2971	288	Pass	<LOD		84
NA	3771	294	Pass	<LOD		84
NA	3570	289	Pass		87	29
NA	3005	288	Pass		90	28
NA	2663	279	Pass		87	28
NA	3710	290	Pass	<LOD		80
NA	3621	442	Pass	<LOD		124
NA	3759	442	Pass	<LOD		120
NA	4280	452	Pass		129	41
NA	3033	398	Pass		122	38
NA	3509	391	Pass		125	37
NA	3402	381	Pass		128	36
NA	3460	484	Pass		185	45
NA	2998	468	Pass		162	44
NA	3952	473	Pass	<LOD		125
NA	3563	431	Pass		134	40
NA	3354	443	Pass		164	42
NA	3654	417	Pass		169	40
NA	2776	551	Pass	<LOD		149
NA	2230	556	Pass		156	51
NA	2809	568	Pass		173	52

NA	4681	289	Pass		80	26
NA	4019	294	Pass	<LOD		77
NA	5036	294	Pass		96	27
NA	3702	346	Pass		155	33
NA	3493	344	Pass	<LOD		88
NA	3814	341	Pass		116	31
NA	4076	293	Pass		131	29
NA	5053	298	Pass		82	27
NA	4303	303	Pass		99	28
NA	4193	308	Pass	<LOD		82
NA	5080	331	Pass		88	29
NA	4237	309	Pass		93	28
NA	3935	307	Pass	<LOD		83
NA	4335	331	Pass	<LOD		88
NA	4397	337	Pass	<LOD		89
NA	4526	330	Pass	<LOD		88
NA	4296	451	Pass		210	44
NA	3772	480	Pass		158	45
NA	4644	439	Pass		175	42
NA	4569	452	Pass		224	44
NA	4078	464	Pass	<LOD		126
NA	3993	471	Pass	<LOD		129
NA	3487	492	Pass		161	46
NA	4603	488	Pass		207	46
NA	4174	450	Pass		142	42
NA	3948	426	Pass		177	41
NA	4459	429	Pass		142	40
NA	3929	415	Pass		122	39

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	460	32	Pass	32776	327	Pass	<LOD	174
	10318	160	Pass	39004	432	Pass	<LOD	208
	478	31	Pass	25339	264	Pass	<LOD	154
Pass	442	31	Pass	32678	324	Pass	<LOD	172
	493	32	Pass	25339	266	Pass	<LOD	156
	10446	161	Pass	38812	430	Pass	<LOD	208
	722	31	Pass	14081	151	Pass	<LOD	107
	880	34	Pass	14284	155	Pass	<LOD	110
	825	33	Pass	14280	155	Pass	<LOD	108
Pass	841	34	Pass	13863	150	Pass	<LOD	108
	846	34	Pass	13649	149	Pass	<LOD	106
	703	31	Pass	13892	151	Pass	<LOD	108
	871	34	Pass	15937	169	Pass	<LOD	114
Pass	882	34	Pass	16129	169	Pass	<LOD	114
	839	34	Pass	15914	168	Pass	<LOD	115
	648	29	Pass	11452	127	Pass	<LOD	96
Pass	653	30	Pass	11377	127	Pass	<LOD	98
	621	29	Pass	11467	128	Pass	<LOD	99
	898	35	Pass	18159	188	Pass	<LOD	122
	894	35	Pass	17140	177	Pass	<LOD	118
	1042	37	Pass	18344	189	Pass	<LOD	123
	673	29	Pass	9591	111	Pass	<LOD	88
	709	30	Pass	10173	116	Pass	<LOD	90
	659	29	Pass	9561	111	Pass	<LOD	88
	510	32	Pass	25196	263	Pass	<LOD	155
Pass	506	27	Pass	9880	115	Pass	<LOD	89
	475	26	Pass	10049	115	Pass	<LOD	90
	470	26	Pass	9906	113	Pass	<LOD	88
	540	27	Pass	10158	115	Pass	<LOD	89
	521	26	Pass	10042	114	Pass	<LOD	88
	521	27	Pass	10165	116	Pass	<LOD	91
	528	27	Pass	9782	112	Pass	<LOD	89
	490	26	Pass	10193	115	Pass	<LOD	89
	569	28	Pass	10849	123	Pass	<LOD	94
Pass	674	30	Pass	10926	124	Pass	<LOD	94
Pass	657	30	Pass	11023	125	Pass	<LOD	95
	623	29	Pass	10398	118	Pass	<LOD	93
	347	25	Pass	14550	155	Pass	<LOD	109
	399	25	Pass	14380	152	Pass	<LOD	107
Pass	365	25	Pass	15279	161	Pass	<LOD	113
	988	52	Pass	23192	288	Pass	<LOD	173
Pass	1006	52	Pass	23116	286	Pass	<LOD	173
	1049	53	Pass	23183	287	Pass	<LOD	177
Pass	1087	55	Pass	24989	313	Pass	<LOD	185
Pass	436	31	Pass	32574	321	Pass	<LOD	170

	508	31	Pass	24633	255	Pass	<LOD	150
	10223	158	Pass	38640	425	Pass	<LOD	204
	944	51	Pass	23493	292	Pass	<LOD	180
	934	51	Pass	23147	290	Pass	<LOD	177
	929	51	Pass	23133	290	Pass	<LOD	175
Pass	853	42	Pass	28104	299	Pass	<LOD	168
	928	43	Pass	29021	310	Pass	<LOD	172
Pass	873	42	Pass	27289	291	Pass	<LOD	164
	1193	49	Pass	23599	266	Pass	<LOD	160
	1308	50	Pass	23690	267	Pass	<LOD	159
	1839	138	Pass	31956	876	Pass	<LOD	401
	1253	50	Pass	24151	272	Pass	<LOD	158
Pass	864	35	Pass	16688	175	Pass	<LOD	117
Pass	937	36	Pass	17343	182	Pass	<LOD	121
Pass	925	37	Pass	16875	179	Pass	<LOD	119
	1063	37	Pass	13779	147	Pass	<LOD	105
	1038	37	Pass	13981	151	Pass	<LOD	106
	1063	37	Pass	14960	160	Pass	<LOD	110
	1094	40	Pass	19217	202	Pass	<LOD	128
	1056	39	Pass	18940	199	Pass	<LOD	126
	983	38	Pass	18491	194	Pass	<LOD	127
	715	31	Pass	14825	156	Pass	<LOD	107
	667	30	Pass	14394	150	Pass	<LOD	105
	717	31	Pass	15520	161	Pass	<LOD	111
Pass	739	31	Pass	14718	153	Pass	<LOD	106
	707	30	Pass	15483	158	Pass	<LOD	109
	980	40	Pass	20679	228	Pass	<LOD	142
	687	30	Pass	14340	148	Pass	<LOD	104
Pass	682	30	Pass	14200	148	Pass	<LOD	105
	655	30	Pass	14564	151	Pass	<LOD	105
	797	33	Pass	13255	146	Pass	<LOD	104
	766	33	Pass	13801	151	Pass	<LOD	107
Pass	782	33	Pass	13327	146	Pass	<LOD	106
Pass	752	31	Pass	13327	141	Pass	<LOD	103
Pass	824	32	Pass	13232	141	Pass	<LOD	101
	868	33	Pass	13937	146	Pass	<LOD	103
	1014	43	Pass	21022	232	Pass	<LOD	147
	1062	44	Pass	21154	233	Pass	<LOD	144
Pass	939	41	Pass	20440	226	Pass	<LOD	143
Pass	921	39	Pass	17518	193	Pass	<LOD	129
Pass	1010	39	Pass	17114	186	Pass	<LOD	124
Pass	923	38	Pass	16289	179	Pass	<LOD	122
Pass	1340	48	Pass	20589	228	Pass	<LOD	141
Pass	1285	47	Pass	20498	225	Pass	<LOD	141
	1459	49	Pass	21699	236	Pass	<LOD	145
Pass	1080	42	Pass	18645	204	Pass	<LOD	133
Pass	1188	44	Pass	19614	213	Pass	<LOD	134
Pass	1179	43	Pass	19239	208	Pass	<LOD	136
	1200	49	Pass	24275	272	Pass	<LOD	159
Pass	1085	47	Pass	25080	279	Pass	<LOD	164
Pass	1096	48	Pass	25009	281	Pass	<LOD	165

Pass	431	25	Pass	9521	111	Pass	<LOD	88
	467	26	Pass	9971	116	Pass	<LOD	92
Pass	458	26	Pass	9868	114	Pass	<LOD	90
Pass	365	25	Pass	10048	119	Pass	<LOD	92
	284	23	Pass	10341	122	Pass	<LOD	94
Pass	312	24	Pass	9979	118	Pass	<LOD	93
Pass	495	27	Pass	9610	112	Pass	<LOD	88
Pass	484	26	Pass	9335	110	Pass	<LOD	88
Pass	527	27	Pass	9475	112	Pass	<LOD	89
	269	22	Pass	9496	112	Pass	<LOD	89
Pass	371	25	Pass	11059	128	Pass	<LOD	97
Pass	305	23	Pass	9390	112	Pass	<LOD	89
	322	23	Pass	9335	111	Pass	<LOD	90
	535	28	Pass	10373	122	Pass	<LOD	94
	647	30	Pass	10391	122	Pass	<LOD	93
	564	29	Pass	9850	117	Pass	<LOD	93
Pass	600	36	Pass	31269	321	Pass	<LOD	175
Pass	761	40	Pass	31882	331	Pass	<LOD	179
Pass	587	35	Pass	30388	310	Pass	<LOD	170
Pass	536	35	Pass	31363	321	Pass	<LOD	174
	575	36	Pass	30811	317	Pass	<LOD	172
	760	39	Pass	29617	307	Pass	<LOD	170
Pass	727	39	Pass	31350	325	Pass	<LOD	175
Pass	746	39	Pass	30958	321	Pass	<LOD	175
Pass	637	37	Pass	30868	316	Pass	<LOD	174
Pass	523	33	Pass	27832	283	Pass	<LOD	160
Pass	606	35	Pass	26785	275	Pass	<LOD	157
Pass	573	34	Pass	26837	274	Pass	<LOD	157

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	105	12	Pass	<LOD	21		92	5
	<LOD	42		3041	46	Pass	7104	82
	45	11	Pass	99	9	Pass	316	9
	74	12	Pass	<LOD	21		100	5
	<LOD	31		104	9	Pass	318	9
	<LOD	42		3091	47	Pass	7079	82
	29	9	Pass	<LOD	18		61	4
	<LOD	25		<LOD	18		58	4
	<LOD	25		<LOD	18		70	4
	32	9	Pass	20	6	Pass	54	4
	<LOD	25		22	6	Pass	59	4
	<LOD	26		22	6	Pass	51	4
	<LOD	26		<LOD	18		58	4
	<LOD	25		<LOD	18		69	4
	<LOD	26		<LOD	19		62	4
	<LOD	24		21	6	Pass	54	4
	<LOD	24		21	6	Pass	50	4
	<LOD	23		<LOD	17		47	4
	44	9	Pass	28	6	Pass	69	4
	29	9	Pass	25	6	Pass	66	4
	33	9	Pass	<LOD	18		78	5
	<LOD	21		<LOD	17		62	4
	<LOD	22		<LOD	17		71	4
	<LOD	23		<LOD	17		59	4
	<LOD	31		101	9	Pass	329	9
	<LOD	23		19	6	Pass	74	4
	<LOD	24		<LOD	18		85	5
	<LOD	23		<LOD	17		79	4
	<LOD	22		20	6	Pass	50	4
	30	8	Pass	<LOD	18		50	4
	<LOD	24		22	6	Pass	55	4
	<LOD	22		<LOD	18		56	4
	<LOD	22		<LOD	17		57	4
	<LOD	22		<LOD	17		65	4
	<LOD	23		18	6	Pass	136	6
	<LOD	22		21	6	Pass	131	6
	<LOD	23		<LOD	17		132	6
	<LOD	25		19	6	Pass	52	4
	<LOD	24		<LOD	17		58	4
	<LOD	25		20	6	Pass	62	4
	<LOD	41		<LOD	35		3724	51
	<LOD	41		44	12	Pass	3611	49
	<LOD	41		<LOD	34		3479	48
	<LOD	43		54	12	Pass	3851	53
	91	12	Pass	22	7	Pass	93	5

<LOD		31			90	8	Pass	320	9
<LOD		40			2997	45	Pass	6989	81
<LOD		41			37	12	Pass	3514	49
<LOD		42		<LOD		35		3619	50
<LOD		42		<LOD		35		3428	48
<LOD		33			68	9	Pass	947	17
<LOD		35			49	9	Pass	1076	19
	40	11	Pass		42	8	Pass	933	17
<LOD		35			49	9	Pass	1082	20
	39	12	Pass		50	9	Pass	1127	20
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	57	12	Pass		37	9	Pass	1089	20
<LOD		26			21	6	Pass	452	10
<LOD		26			27	7	Pass	457	10
<LOD		26			33	7	Pass	444	10
<LOD		24		<LOD		18		403	9
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<LOD		28			31	7	Pass	675	13
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	35	8	Pass	<LOD		18		287	8
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<LOD		28			26	7	Pass	398	11
<LOD		24			24	6	Pass	264	7
	26	8	Pass		26	6	Pass	275	8
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<LOD		25		<LOD		19		596	12
<LOD		25			23	7	Pass	573	12
	27	9	Pass		20	6	Pass	579	12
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<LOD		24			23	6	Pass	301	8
<LOD		23			32	6	Pass	313	8
<LOD		32			31	8	Pass	443	11
<LOD		31			31	8	Pass	436	11
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<LOD		28			22	7	Pass	356	10
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	49	11	Pass		54	8	Pass	459	11
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<LOD		29			27	7	Pass	401	10
	41	10	Pass		31	8	Pass	423	11
	35	10	Pass	<LOD		22		404	10
<LOD		34			69	9	Pass	1175	21
	41	12	Pass		80	10	Pass	1175	21
<LOD		36			84	10	Pass	1239	21

<LOD		23		25	6	Pass	107	5	
<LOD		24		24	6	Pass	109	5	
<LOD		23	<LOD	18			103	5	
	27	8	Pass	27	6	Pass	143	6	
<LOD		24		26	6	Pass	154	6	
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<LOD		23		51	7	Pass	157	6	
<LOD		23		42	7	Pass	161	6	
<LOD		24	<LOD	20			2073	26	
<LOD		24	<LOD	20			2175	27	
<LOD		24		24	7	Pass	2040	26	
	36	12	Pass	25	7	Pass	562	13	
	36	12	Pass	34	8	Pass	630	14	
	42	11	Pass	43	8	Pass	583	13	
<LOD		33		36	8	Pass	557	13	
<LOD		34		28	8	Pass	592	13	
<LOD		33		37	8	Pass	501	12	
<LOD		33		32	8	Pass	582	13	
	45	12	Pass	29	8	Pass	590	13	
<LOD		34		37	8	Pass	569	13	
	34	11	Pass	45	8	Pass	483	11	
	36	11	Pass	26	7	Pass	495	12	
	36	11	Pass	43	8	Pass	496	11	

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	11	2	Pass	<LOD	3		95	2
Pass	720	24	Pass	<LOD	11		128	4
Pass	106	9	Pass	<LOD	5		117	3
Pass	19	2	Pass	4	1	Pass	90	2
Pass	96	9	Pass	<LOD	5		113	3
Pass	691	24	Pass	<LOD	10		129	4
Pass	<LOD	7		<LOD	3		68	2
Pass	<LOD	7		<LOD	3		73	2
Pass	<LOD	7		<LOD	3		68	2
Pass	<LOD	6		<LOD	3		68	2
Pass	<LOD	6		<LOD	3		73	2
Pass	<LOD	7		<LOD	3		73	2
Pass	8	2	Pass	<LOD	3		73	2
Pass	7	2	Pass	<LOD	3		73	2
Pass	<LOD	7		<LOD	3		73	2
Pass	<LOD	6		<LOD	3		68	2
Pass	<LOD	6		<LOD	3		69	2
Pass	6	2	Pass	<LOD	3		64	2
Pass	8	2	Pass	<LOD	3		73	2
Pass	7	2	Pass	<LOD	3		73	2
Pass	8	2	Pass	<LOD	3		79	2
Pass	<LOD	6		<LOD	3		56	2
Pass	<LOD	6		<LOD	3		64	2
Pass	<LOD	6		<LOD	3		58	2
Pass	116	9	Pass	<LOD	5		110	3
Pass	<LOD	6		<LOD	3		60	2
Pass	<LOD	6		<LOD	3		57	2
Pass	<LOD	6		<LOD	3		55	2
Pass	21	2	Pass	<LOD	3		59	2
Pass	21	2	Pass	<LOD	3		61	2
Pass	25	2	Pass	<LOD	3		60	2
Pass	<LOD	6		<LOD	3		60	2
Pass	<LOD	6		<LOD	3		63	2
Pass	6	2	Pass	<LOD	3		65	2
Pass	27	2	Pass	<LOD	3		55	2
Pass	20	2	Pass	<LOD	3		60	2
Pass	19	2	Pass	<LOD	3		58	2
Pass	7	2	Pass	<LOD	3		61	2
Pass	8	2	Pass	<LOD	3		63	2
Pass	<LOD	6		<LOD	3		63	2
Pass	515	39	Pass	<LOD	17		39	3
Pass	532	38	Pass	<LOD	16		37	3
Pass	590	40	Pass	<LOD	17		42	3
Pass	580	42	Pass	<LOD	18		37	3
Pass	15	2	Pass	<LOD	3		91	2

Pass	100	9	Pass	<LOD	5	107	3
Pass	678	24	Pass	<LOD	10	129	4
Pass	485	40	Pass	<LOD	17	40	3
Pass	546	41	Pass	<LOD	17	40	3
Pass	489	40	Pass	<LOD	17	43	3
Pass	97	17	Pass	<LOD	8	63	2
Pass	130	18	Pass	<LOD	8	64	2
Pass	113	17	Pass	<LOD	8	63	2
Pass	269	24	Pass	<LOD	11	51	3
Pass	226	25	Pass	<LOD	11	54	3
Pass	748	57	Pass	<LOD	23	50	6
Pass	244	24	Pass	<LOD	11	54	3
Pass	<LOD	16		<LOD	3	55	2
Pass	<LOD	17		<LOD	4	58	2
Pass	29	6	Pass	<LOD	4	57	2
Pass	<LOD	14		<LOD	3	57	2
Pass	<LOD	14		<LOD	3	59	2
Pass	16	5	Pass	<LOD	3	59	2
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Pass	29	7	Pass	<LOD	4	60	2
Pass	<LOD	21		<LOD	4	57	2
Pass	<LOD	12		<LOD	3	58	2
Pass	<LOD	11		<LOD	3	57	2
Pass	13	4	Pass	<LOD	3	58	2
Pass	12	4	Pass	<LOD	3	57	2
Pass	<LOD	11		<LOD	3	55	2
Pass	17	5	Pass	<LOD	3	72	2
Pass	<LOD	10		<LOD	3	56	2
Pass	<LOD	11		<LOD	3	58	2
Pass	<LOD	11		<LOD	3	54	2
Pass	22	6	Pass	<LOD	4	59	2
Pass	<LOD	18		<LOD	4	57	2
Pass	<LOD	18		<LOD	4	57	2
Pass	15	4	Pass	<LOD	3	53	2
Pass	13	4	Pass	<LOD	3	53	2
Pass	16	4	Pass	<LOD	3	54	2
Pass	150	19	Pass	<LOD	9	65	2
Pass	102	19	Pass	<LOD	8	58	2
Pass	123	19	Pass	<LOD	9	64	2
Pass	27	9	Pass	<LOD	5	62	2
Pass	<LOD	25		<LOD	5	59	2
Pass	37	9	Pass	<LOD	4	61	2
Pass	116	18	Pass	<LOD	8	63	2
Pass	87	17	Pass	<LOD	8	59	2
Pass	150	18	Pass	<LOD	8	67	2
Pass	88	13	Pass	<LOD	6	65	2
Pass	82	14	Pass	<LOD	7	67	2
Pass	82	13	Pass	<LOD	6	68	2
Pass	201	21	Pass	<LOD	10	55	2
Pass	170	21	Pass	<LOD	9	53	2
Pass	174	21	Pass	<LOD	10	56	3

Pass	<LOD		13	<LOD	3	56	2	
Pass		14	4	Pass	<LOD	3	57	2
Pass	<LOD		13		<LOD	3	58	2
Pass	<LOD		9		<LOD	3	47	2
Pass	<LOD		10		<LOD	3	43	2
Pass	<LOD		9		<LOD	3	46	2
Pass	<LOD		8		<LOD	3	53	2
Pass	<LOD		8		<LOD	3	56	2
Pass	<LOD		8		<LOD	3	55	2
Pass	<LOD		9		<LOD	3	53	2
Pass	<LOD		10		<LOD	3	58	2
Pass	<LOD		9		<LOD	3	56	2
Pass	<LOD		9		<LOD	3	51	2
Pass	<LOD		10		<LOD	3	52	2
Pass	<LOD		10		<LOD	3	54	2
Pass	<LOD		10		<LOD	3	51	2
Pass	<LOD		24		<LOD	4	68	2
Pass	<LOD		26		<LOD	5	73	2
Pass	<LOD		24		<LOD	5	73	2
Pass	<LOD		26		<LOD	5	69	2
Pass	<LOD		25		<LOD	5	72	2
Pass	<LOD		25		<LOD	5	64	2
Pass	<LOD		26		<LOD	5	68	2
Pass	<LOD		26		<LOD	5	71	2
Pass	<LOD		25		<LOD	5	73	2
Pass	<LOD		23		<LOD	4	69	2
Pass		27	8	Pass	<LOD	5	68	2
Pass	<LOD		23		<LOD	5	65	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	236	4	Pass	82	4	Pass	<LOD	8
Pass	340	6	Pass	49	4	Pass	17	3
Pass	253	4	Pass	261	5	Pass	<LOD	8
Pass	235	4	Pass	79	3	Pass	10	3
Pass	253	4	Pass	266	5	Pass	<LOD	8
Pass	342	6	Pass	45	4	Pass	19	3
Pass	69	2	Pass	459	6	Pass	<LOD	7
Pass	67	2	Pass	462	6	Pass	<LOD	8
Pass	64	2	Pass	462	6	Pass	11	3
Pass	70	2	Pass	440	6	Pass	<LOD	7
Pass	72	2	Pass	436	6	Pass	<LOD	8
Pass	73	2	Pass	454	6	Pass	8	3
Pass	71	2	Pass	388	5	Pass	<LOD	7
Pass	69	2	Pass	386	5	Pass	<LOD	7
Pass	74	2	Pass	377	5	Pass	11	3
Pass	66	2	Pass	299	4	Pass	<LOD	7
Pass	70	2	Pass	326	5	Pass	<LOD	7
Pass	66	2	Pass	303	5	Pass	<LOD	7
Pass	73	2	Pass	340	5	Pass	<LOD	7
Pass	68	2	Pass	337	5	Pass	<LOD	7
Pass	71	2	Pass	336	5	Pass	9	2
Pass	76	2	Pass	564	6	Pass	14	3
Pass	81	2	Pass	608	7	Pass	14	3
Pass	76	2	Pass	573	7	Pass	13	3
Pass	252	4	Pass	255	5	Pass	<LOD	8
Pass	76	2	Pass	543	6	Pass	15	3
Pass	73	2	Pass	554	6	Pass	<LOD	7
Pass	71	2	Pass	559	6	Pass	<LOD	7
Pass	74	2	Pass	539	6	Pass	<LOD	7
Pass	76	2	Pass	523	6	Pass	<LOD	7
Pass	76	2	Pass	551	6	Pass	9	2
Pass	84	2	Pass	575	7	Pass	8	2
Pass	79	2	Pass	606	7	Pass	<LOD	7
Pass	85	2	Pass	630	7	Pass	14	3
Pass	105	2	Pass	500	6	Pass	10	3
Pass	110	2	Pass	500	6	Pass	13	3
Pass	102	2	Pass	463	6	Pass	9	2
Pass	69	2	Pass	515	6	Pass	11	3
Pass	68	2	Pass	514	6	Pass	8	3
Pass	69	2	Pass	504	6	Pass	<LOD	8
Pass	145	4	Pass	271	6	Pass	<LOD	9
Pass	162	4	Pass	271	6	Pass	10	3
Pass	159	4	Pass	343	7	Pass	<LOD	9
Pass	140	4	Pass	299	6	Pass	<LOD	10
Pass	232	4	Pass	91	4	Pass	<LOD	7

Pass	249	4	Pass	257	5	Pass	<LOD		8
Pass	327	6	Pass	47	4	Pass		21	3
Pass	150	4	Pass	310	6	Pass	<LOD		9
Pass	149	4	Pass	303	6	Pass	<LOD		9
Pass	159	4	Pass	342	7	Pass	<LOD		10
Pass	135	3	Pass	301	5	Pass	<LOD		8
Pass	133	3	Pass	322	6	Pass		11	3
Pass	131	3	Pass	306	5	Pass		9	3
Pass	158	4	Pass	317	6	Pass	<LOD		9
Pass	156	4	Pass	362	6	Pass		9	3
Pass	144	8	Pass	242	12	Pass	<LOD		22
Pass	164	4	Pass	335	6	Pass	<LOD		9
Pass	94	2	Pass	342	5	Pass		8	2
Pass	96	2	Pass	332	5	Pass		8	3
Pass	97	2	Pass	341	5	Pass		9	3
Pass	106	2	Pass	404	5	Pass		9	2
Pass	109	2	Pass	425	6	Pass		11	3
Pass	110	3	Pass	430	6	Pass		12	3
Pass	101	3	Pass	327	5	Pass		14	3
Pass	102	3	Pass	352	5	Pass		16	3
Pass	99	2	Pass	331	5	Pass		10	3
Pass	84	2	Pass	342	5	Pass		11	2
Pass	86	2	Pass	323	5	Pass		15	2
Pass	83	2	Pass	349	5	Pass		13	2
Pass	85	2	Pass	325	5	Pass		11	2
Pass	88	2	Pass	339	5	Pass		11	2
Pass	108	3	Pass	386	6	Pass		31	3
Pass	84	2	Pass	305	4	Pass	<LOD		7
Pass	81	2	Pass	323	5	Pass		10	2
Pass	87	2	Pass	325	5	Pass	<LOD		7
Pass	65	2	Pass	432	6	Pass	<LOD		8
Pass	66	2	Pass	417	6	Pass	<LOD		8
Pass	73	2	Pass	441	6	Pass	<LOD		8
Pass	112	2	Pass	314	5	Pass		12	2
Pass	112	2	Pass	322	5	Pass		11	2
Pass	114	2	Pass	315	5	Pass		15	2
Pass	142	3	Pass	400	6	Pass		9	3
Pass	140	3	Pass	371	6	Pass		9	3
Pass	144	3	Pass	412	6	Pass	<LOD		8
Pass	128	3	Pass	404	6	Pass		9	3
Pass	129	3	Pass	389	6	Pass	<LOD		8
Pass	122	3	Pass	387	6	Pass	<LOD		8
Pass	175	4	Pass	345	6	Pass		10	3
Pass	175	4	Pass	331	5	Pass	<LOD		8
Pass	183	4	Pass	356	6	Pass	<LOD		8
Pass	143	3	Pass	406	6	Pass	<LOD		8
Pass	146	3	Pass	432	6	Pass	<LOD		8
Pass	140	3	Pass	423	6	Pass	<LOD		8
Pass	203	4	Pass	294	6	Pass	<LOD		9
Pass	212	4	Pass	288	5	Pass	<LOD		8
Pass	208	4	Pass	287	6	Pass	<LOD		9

Pass	83	2	Pass	574	7	Pass	9	3
Pass	85	2	Pass	591	7	Pass	11	3
Pass	82	2	Pass	586	7	Pass	9	3
Pass	124	3	Pass	546	7	Pass	<LOD	8
Pass	124	3	Pass	549	7	Pass	15	3
Pass	126	3	Pass	564	7	Pass	9	3
Pass	93	2	Pass	593	7	Pass	<LOD	8
Pass	92	2	Pass	588	7	Pass	11	3
Pass	93	2	Pass	577	7	Pass	<LOD	8
Pass	100	2	Pass	601	7	Pass	8	3
Pass	109	3	Pass	627	7	Pass	13	3
Pass	102	2	Pass	607	7	Pass	11	3
Pass	99	2	Pass	611	7	Pass	10	3
Pass	107	3	Pass	642	7	Pass	11	3
Pass	114	3	Pass	598	7	Pass	<LOD	8
Pass	116	3	Pass	630	7	Pass	<LOD	8
Pass	111	3	Pass	345	6	Pass	9	3
Pass	123	3	Pass	335	6	Pass	14	3
Pass	110	3	Pass	345	6	Pass	<LOD	8
Pass	111	3	Pass	324	5	Pass	<LOD	8
Pass	123	3	Pass	341	6	Pass	10	3
Pass	124	3	Pass	345	6	Pass	<LOD	8
Pass	134	3	Pass	343	6	Pass	<LOD	8
Pass	123	3	Pass	345	6	Pass	<LOD	8
Pass	108	3	Pass	345	6	Pass	<LOD	8
Pass	119	3	Pass	426	6	Pass	9	3
Pass	115	3	Pass	403	6	Pass	<LOD	8
Pass	114	3	Pass	398	6	Pass	<LOD	8

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		<LOD	37		<LOD	60
Pass	45	11	Pass	<LOD	42		<LOD	68
	<LOD	31		66	13	Pass	<LOD	63
Pass	<LOD	30		<LOD	36		<LOD	57
	<LOD	31		51	13	Pass	<LOD	63
Pass	57	12	Pass	<LOD	42		<LOD	69
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	35		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	55
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	27		<LOD	33		<LOD	53
Pass	<LOD	27		<LOD	33		<LOD	52
Pass	<LOD	27		<LOD	33		<LOD	53
	<LOD	31		46	13	Pass	<LOD	62
Pass	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
	<LOD	27		<LOD	33		<LOD	54
	<LOD	27		<LOD	34		<LOD	55
	<LOD	27		<LOD	33		<LOD	55
Pass	<LOD	27		<LOD	34		<LOD	56
Pass	<LOD	27		<LOD	34		<LOD	55
	<LOD	27		<LOD	33		<LOD	55
Pass	<LOD	28		<LOD	34		<LOD	55
Pass	<LOD	28		<LOD	33		<LOD	54
Pass	<LOD	28		<LOD	34		<LOD	55
Pass	<LOD	27		<LOD	33		<LOD	54
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	36		<LOD	44		86	24
Pass	<LOD	36		<LOD	43		<LOD	72
	<LOD	35		<LOD	43		<LOD	72
	<LOD	36		<LOD	45		<LOD	74
	<LOD	29		<LOD	36		<LOD	57

	<LOD	30		61	13	Pass	<LOD		61
Pass	<LOD	34	<LOD		42		<LOD		68
	<LOD	36	<LOD		44		<LOD		73
	<LOD	36	<LOD		44		<LOD		73
	<LOD	36	<LOD		44		<LOD		74
	<LOD	31	<LOD		38		<LOD		63
Pass	<LOD	32	<LOD		39		<LOD		63
Pass	<LOD	32	<LOD		39		<LOD		63
	<LOD	32	<LOD		40		<LOD		66
Pass	<LOD	32	<LOD		40		<LOD		66
	<LOD	81	<LOD		87		<LOD		130
	<LOD	33	<LOD		40		<LOD		66
Pass	<LOD	28	<LOD		35		<LOD		57
Pass	<LOD	28	<LOD		35		<LOD		56
Pass	<LOD	29	<LOD		35		<LOD		57
Pass	<LOD	27	<LOD		34		<LOD		54
Pass	<LOD	28	<LOD		34		<LOD		54
Pass	<LOD	28	<LOD		34		<LOD		54
Pass	<LOD	29	<LOD		36		<LOD		57
Pass	<LOD	29	<LOD		35		<LOD		56
Pass	<LOD	29	<LOD		35		<LOD		57
Pass	<LOD	27	<LOD		33		<LOD		53
Pass	<LOD	27	<LOD		33		<LOD		52
Pass	<LOD	27	<LOD		33		<LOD		53
Pass	<LOD	27	<LOD		33		<LOD		54
Pass	<LOD	27	<LOD		33		<LOD		52
Pass	<LOD	30	<LOD		36		<LOD		56
	<LOD	27	<LOD		33		<LOD		53
Pass	<LOD	27	<LOD		33		<LOD		54
	<LOD	27	<LOD		33		<LOD		53
	<LOD	28	<LOD		35		<LOD		58
	<LOD	29	<LOD		36		<LOD		59
	<LOD	28	<LOD		35		<LOD		58
Pass	<LOD	27	<LOD		33		<LOD		53
Pass	<LOD	27	<LOD		33		<LOD		53
Pass	<LOD	27	<LOD		33		<LOD		52
Pass	<LOD	31	<LOD		39		<LOD		64
Pass	<LOD	31	<LOD		39		<LOD		63
	<LOD	31	<LOD		38		<LOD		63
Pass	<LOD	30	<LOD		37		<LOD		61
	<LOD	30	<LOD		37		<LOD		60
	<LOD	29	<LOD		36		<LOD		60
Pass	<LOD	31	<LOD		38			79	21
	<LOD	31	<LOD		37		<LOD		62
	<LOD	31	<LOD		38		<LOD		61
	<LOD	30	<LOD		37		<LOD		62
	<LOD	30	<LOD		38		<LOD		63
	<LOD	30	<LOD		37		<LOD		62
	<LOD	32	<LOD		40		<LOD		65
	<LOD	32	<LOD		39		<LOD		65
	<LOD	33	<LOD		40		<LOD		66

Pass	<LOD	28	<LOD	34	<LOD	56
Pass	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	28	<LOD	34	<LOD	56
	<LOD	29	<LOD	35	<LOD	58
Pass	<LOD	29	<LOD	35	<LOD	58
Pass	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	34	<LOD	56
Pass	<LOD	28	<LOD	34	<LOD	56
	<LOD	28	<LOD	34	<LOD	57
Pass	<LOD	28	<LOD	34	<LOD	57
Pass	<LOD	29	<LOD	35	<LOD	58
Pass	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	35	<LOD	57
	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	31	<LOD	38	<LOD	63
Pass	<LOD	31	<LOD	39	<LOD	63
	<LOD	31	<LOD	38	<LOD	62
	<LOD	31	<LOD	37	<LOD	62
Pass	<LOD	31	<LOD	38	<LOD	62
	<LOD	31	<LOD	38	<LOD	63
	<LOD	31	<LOD	39	<LOD	63
	<LOD	31	<LOD	38	<LOD	63
	<LOD	31	<LOD	38	<LOD	61
Pass	<LOD	30	<LOD	37	<LOD	62
	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	37	<LOD	61

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	63		NA			995	201
	<LOD	72		NA			1153	246
	<LOD	66		NA			623	191
	<LOD	60		NA			759	194
	<LOD	66		NA			1364	202
	<LOD	72		NA			1194	248
	<LOD	59		NA			728	165
	<LOD	59		NA			528	166
	<LOD	59		NA			<LOD	484
	<LOD	60		NA			610	165
	<LOD	59		NA			619	163
	<LOD	60		NA			525	162
	<LOD	59		NA			767	170
	<LOD	58		NA			<LOD	573
	<LOD	60		NA			873	173
	<LOD	59		NA			<LOD	448
	<LOD	59		NA			656	155
	<LOD	59		NA			<LOD	448
	<LOD	60		NA			636	173
	<LOD	59		NA			<LOD	486
	<LOD	61		NA			642	171
	<LOD	55		NA			614	160
	<LOD	54		NA			<LOD	476
	<LOD	55		NA			<LOD	464
	<LOD	66		NA			779	190
	<LOD	59		NA			812	169
	<LOD	59		NA			855	166
	<LOD	57		NA			904	166
	<LOD	58		NA			587	158
	<LOD	57		NA			780	161
	<LOD	59		NA			492	159
	<LOD	58		NA			584	161
	<LOD	57		NA			691	165
	<LOD	57		NA			<LOD	495
	<LOD	55		NA			927	170
	<LOD	57		NA			620	164
	<LOD	56		NA			574	160
	<LOD	60		NA			1030	178
	<LOD	60		NA			<LOD	491
	<LOD	60		NA			<LOD	494
Pass	<LOD	75		NA			10250	446
	<LOD	75		NA			10259	443
	<LOD	76		NA			10220	445
	<LOD	78		NA			9787	452
	<LOD	59		NA			1054	200

	<LOD		64		NA	957	190
	<LOD		72		NA	926	238
	<LOD		76		NA	10780	460
	<LOD		77		NA	10040	452
	<LOD		77		NA	10341	450
	<LOD		66		NA	6683	330
	<LOD		66		NA	5910	320
	<LOD		66		NA	6008	317
	<LOD		69		NA	9149	381
	<LOD		69		NA	8398	372
	<LOD		135		NA	11405	1065
		85	23	Pass	NA	8520	372
	<LOD		59		NA	3092	224
	<LOD		59		NA	2673	217
	<LOD		59		NA	2924	227
	<LOD		57		NA	1856	192
	<LOD		55		NA	2149	203
	<LOD		56		NA	2489	210
	<LOD		59		NA	3006	230
	<LOD		57		NA	2956	230
	<LOD		59		NA	3299	235
	<LOD		55		NA	1057	172
	<LOD		53		NA	1308	173
	<LOD		55		NA	1580	183
	<LOD		56		NA	1656	183
	<LOD		54		NA	984	169
	<LOD		57		NA	1649	222
	<LOD		55		NA	1076	168
	<LOD		56		NA	1377	173
	<LOD		56		NA	1376	176
	<LOD		61		NA	1425	183
	<LOD		62		NA	950	177
	<LOD		61		NA	1035	177
	<LOD		55		NA	1902	187
	<LOD		55		NA	1799	183
	<LOD		54		NA	1448	180
	<LOD		67		NA	5942	311
	<LOD		66		NA	5844	309
	<LOD		66		NA	6115	314
	<LOD		65		NA	5319	281
	<LOD		63		NA	4925	271
	<LOD		63		NA	4586	264
Pass	<LOD		66		NA	8476	353
	<LOD		65		NA	8195	343
	<LOD		64		NA	7708	338
	<LOD		65		NA	6342	306
	<LOD		66		NA	7008	318
	<LOD		65		NA	5582	291
	<LOD		68		NA	11570	418
	<LOD		68		NA	12262	427
	<LOD		69		NA	12271	433

<LOD	59	NA	618	166
<LOD	60	NA	1175	178
<LOD	59	NA	534	166
<LOD	61	NA	3516	232
<LOD	61	NA	3579	232
<LOD	61	NA	3255	226
<LOD	59	NA	1258	178
<LOD	59	NA	678	170
<LOD	60	NA	1410	184
<LOD	60	NA	1782	191
<LOD	61	NA	1724	200
<LOD	60	NA	1675	191
<LOD	60	NA	1891	193
<LOD	61	NA	2289	209
<LOD	59	NA	2589	215
<LOD	60	NA	2178	207
<LOD	66	NA	5963	313
<LOD	67	NA	7565	344
<LOD	65	NA	5328	299
<LOD	65	NA	5879	311
<LOD	66	NA	6921	327
<LOD	66	NA	7278	334
<LOD	66	NA	8594	358
<LOD	66	NA	7582	344
<LOD	65	NA	6106	313
<LOD	66	NA	5579	295
<LOD	64	NA	5344	293
<LOD	64	NA	5086	285

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	11		<LOD	9		22	3
Pass	52	15	Pass	<LOD	50		5743	66
Pass	<LOD	20		27	7	Pass	1148	17
Pass	<LOD	10		<LOD	8		18	3
Pass	<LOD	20		<LOD	22		1185	18
Pass	77	15	Pass	<LOD	50		5715	66
Pass	<LOD	10		<LOD	8		47	4
Pass	<LOD	9		<LOD	9		50	4
	<LOD	10		<LOD	9		49	4
Pass	<LOD	9		<LOD	8		43	4
Pass	<LOD	10		<LOD	8		41	4
Pass	<LOD	10		<LOD	9		48	4
Pass	<LOD	9		<LOD	8		36	3
	<LOD	10		<LOD	8		37	3
Pass	<LOD	9		<LOD	9		46	4
	<LOD	9		<LOD	8		39	3
Pass	<LOD	9		<LOD	8		43	3
	<LOD	9		<LOD	8		36	3
Pass	<LOD	10		<LOD	8		45	4
	<LOD	9		<LOD	8		44	4
Pass	<LOD	10		<LOD	9		44	4
Pass	<LOD	9		<LOD	8		45	4
	<LOD	9		<LOD	8		42	4
	<LOD	9		<LOD	8		43	3
Pass	<LOD	20		<LOD	22		1167	18
Pass	<LOD	9		<LOD	8		45	4
Pass	<LOD	10		<LOD	8		42	3
Pass	<LOD	9		<LOD	8		45	3
Pass	<LOD	10		<LOD	8		29	3
Pass	<LOD	9		<LOD	8		24	3
Pass	<LOD	9		<LOD	7		27	3
Pass	<LOD	9		<LOD	8		30	3
Pass	<LOD	10		<LOD	8		28	3
	<LOD	9		<LOD	8		24	3
Pass	<LOD	9		<LOD	8		42	3
Pass	<LOD	10		<LOD	8		49	4
Pass	<LOD	9		<LOD	8		50	4
Pass	<LOD	9		<LOD	8		25	3
	<LOD	9		<LOD	8		26	3
	<LOD	9		<LOD	8		29	3
Pass	<LOD	69		227	30	Pass	16648	181
Pass	<LOD	67		225	29	Pass	15325	167
Pass	<LOD	70		272	30	Pass	16764	182
Pass	<LOD	74		223	32	Pass	18290	202
Pass	<LOD	11		<LOD	9		18	3

Pass	<LOD		18	<LOD		21		1146	17
Pass		50	15	Pass	<LOD		50		5675	65
Pass	<LOD		70		241	30	Pass	16984	186
Pass	<LOD		72		151	30	Pass	17472	191
Pass	<LOD		70		152	30	Pass	16916	186
Pass	<LOD		31	<LOD		39		3993	45
Pass	<LOD		33	<LOD		41		4316	48
Pass	<LOD		31	<LOD		39		4009	45
Pass	<LOD		43		58	18	Pass	7425	79
Pass	<LOD		44		91	19	Pass	7823	82
Pass	<LOD		91	<LOD		117		6595	180
Pass	<LOD		44		117	19	Pass	7539	80
Pass	<LOD		13	<LOD		14		468	9
Pass	<LOD		13	<LOD		14		490	10
Pass	<LOD		13	<LOD		14		495	10
Pass	<LOD		11	<LOD		12		333	8
Pass	<LOD		12	<LOD		12		337	8
Pass	<LOD		12	<LOD		12		346	8
Pass	<LOD		15	<LOD		17		763	13
Pass	<LOD		16	<LOD		18		815	13
Pass	<LOD		16	<LOD		18		763	13
Pass	<LOD		11	<LOD		11		235	7
Pass	<LOD		10	<LOD		10		193	6
Pass	<LOD		10	<LOD		10		200	6
Pass	<LOD		11	<LOD		11		204	6
Pass	<LOD		11	<LOD		11		200	6
Pass	<LOD		12	<LOD		13		251	8
Pass	<LOD		11	<LOD		10		184	6
Pass	<LOD		10	<LOD		10		195	6
Pass	<LOD		10	<LOD		10		196	6
Pass	<LOD		14	<LOD		15		579	11
Pass	<LOD		14	<LOD		15		590	11
Pass	<LOD		13	<LOD		15		581	11
Pass	<LOD		11	<LOD		11		240	6
Pass	<LOD		11	<LOD		11		258	7
Pass	<LOD		11	<LOD		11		257	7
Pass	<LOD		34		60	15	Pass	5073	54
Pass	<LOD		34	<LOD		44		5138	55
Pass	<LOD		34	<LOD		43		5055	54
Pass	<LOD		18		23	7	Pass	1139	17
Pass	<LOD		18	<LOD		21		1106	16
Pass	<LOD		17	<LOD		20		1106	16
Pass	<LOD		32		47	14	Pass	4427	48
Pass	<LOD		31	<LOD		39		4299	47
Pass	<LOD		32		41	13	Pass	4473	48
Pass	<LOD		25	<LOD		31		2585	31
Pass	<LOD		26	<LOD		32		2709	32
Pass	<LOD		25		36	10	Pass	2653	31
Pass	<LOD		39		75	16	Pass	5704	62
Pass	<LOD		38		69	16	Pass	5647	62
Pass	<LOD		39		57	16	Pass	5787	64

Pass	<LOD	11	<LOD		12		281	7
Pass	<LOD	12	<LOD		12		284	7
Pass	<LOD	11	<LOD		12		297	7
Pass	<LOD	10	<LOD		10		126	5
Pass	<LOD	11	<LOD		10		135	5
Pass	<LOD	11	<LOD		10		126	5
Pass	<LOD	10	<LOD		9		75	4
Pass	<LOD	10	<LOD		9		79	4
Pass	<LOD	10	<LOD		9		79	4
Pass	<LOD	11	<LOD		10		116	5
Pass	<LOD	11	<LOD		10		144	5
Pass	<LOD	10	<LOD		10		120	5
Pass	<LOD	10	<LOD		9		127	5
Pass	<LOD	12	<LOD		10		144	5
Pass	<LOD	12	<LOD		10		149	5
Pass	<LOD	12	<LOD		10		155	6
Pass	<LOD	18		22	7	Pass	936	15
Pass	<LOD	19	<LOD		21		1071	17
Pass	<LOD	17	<LOD		20		952	15
Pass	<LOD	18	<LOD		21		1121	17
Pass	<LOD	18	<LOD		20		987	16
Pass	<LOD	18	<LOD		21		981	16
Pass	<LOD	18	<LOD		21		1033	17
Pass	<LOD	19		22	7	Pass	1030	17
Pass	<LOD	18	<LOD		21		1013	16
Pass	<LOD	16	<LOD		19		838	14
Pass	<LOD	16	<LOD		19		826	14
Pass	<LOD	16	<LOD		19		889	15

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019818			225			46.51	
Pass							55.99	testing
Pass							55.47	testing
Pass							55.59	testing
	0.019826			225			46.61	
Pass							56.7	testing
Pass							54.47	testing
Pass							54.96	testing
Pass							53.23	testing
Pass							53.62	testing
Pass							53.6	testing
Pass							52.99	testing
Pass							53.35	testing
Pass							53.23	testing
Pass							53.67	testing
Pass							53.72	testing
Pass							54.17	testing
Pass							52.26	testing
Pass							52.25	testing
Pass							52.36	testing
Pass							53.52	testing
Pass							52.81	testing
	0.019811			225			46.53	
Pass							54.21	testing
Pass							53.37	testing
Pass							55.77	testing
Pass							54.21	testing
Pass							54.77	testing
Pass							53.06	testing
Pass							52.57	testing
Pass							52.7	testing
Pass							52.35	testing
Pass							53.68	testing
Pass							52.16	testing
Pass							52.55	testing
Pass							52.53	testing
Pass							53.53	testing
Pass							54.44	testing
Pass							54.09	testing
Pass							53.63	testing
Pass							52.54	testing
Pass							52.82	testing
Pass							52.43	testing
Pass							53.05	testing
	0.019802			224			47.3	
Pass							53.52	testing
Pass							52.53	testing
Pass							52.81	testing
Pass							56.78	testing
	0.019807			222			47.13	

Pass	55.24	testing
Pass	55.18	testing
Pass	52.89	testing
Pass	52.98	testing
Pass	52.75	testing
Pass	54.97	testing
Pass	55.31	testing
Pass	54.43	testing
Pass	53.72	testing
Pass	53.38	testing
Pass	71.32	testing
Pass	53.47	testing
Pass	54.12	testing
Pass	54.39	testing
Pass	54.83	testing
Pass	54.88	testing
Pass	54.52	testing
Pass	54.93	testing
Pass	55.02	testing
Pass	55.54	testing
Pass	54.9	testing
Pass	54.63	testing
Pass	54.61	testing
Pass	54.12	testing
Pass	53.01	testing
Pass	53.78	testing
Pass	59.11	testing
Pass	54.51	testing
Pass	53.2	testing
Pass	53.14	testing
Pass	53.22	testing
Pass	52.84	testing
Pass	52.81	testing
Pass	54.07	testing
Pass	53.49	testing
Pass	55.29	testing
Pass	53.55	testing
Pass	54.03	testing
Pass	53.83	testing
Pass	54.22	testing
Pass	53.81	testing
Pass	53.74	testing
Pass	54.21	testing
Pass	54.25	testing
Pass	54.23	testing
Pass	53.64	testing
Pass	53.49	testing
Pass	53.25	testing
Pass	54.39	testing
Pass	54.84	testing
Pass	55.03	testing

Pass			52.56	testing
	0.019808	224	47.21	
Pass			52.75	testing
Pass			52.3	testing
Pass			53.5	testing
Pass			53.03	testing
Pass			53.12	testing
Pass			52.6	testing
Pass			52.37	testing
Pass			52.72	testing
Pass			52.14	testing
Pass			53.56	testing
Pass			52.24	testing
Pass			53.16	testing
Pass			53.2	testing
Pass			53.5	testing
Pass			53.32	testing
Pass			55.49	testing
Pass			55.43	testing
Pass			56.02	testing
Pass			55.48	testing
Pass			55.03	testing
Pass			55.13	testing
Pass			55.42	testing
Pass			55.35	testing
Pass			55.24	testing
Pass			53.58	testing
Pass			54.35	testing
Pass			54.2	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
28-Jul-08	1			-0.019638			PASS	Standardiz
28-Jul-08	2				NIST2709			Soil
28-Jul-08	3				NIST2711			Soil
28-Jul-08	4				NIST2710			Soil
28-Jul-08	5			0				Standardiz
28-Jul-08	6			0				Standardiz
28-Jul-08	7			-0.037565			PASS	Standardiz
28-Jul-08	8				20437	F1		Soil
28-Jul-08	9				20437	F1		Soil
28-Jul-08	10				20437	F1		Soil
28-Jul-08	11				20437	F2		Soil
28-Jul-08	12				20437	F2		Soil
28-Jul-08	13				20437	F2		Soil
28-Jul-08	14				20437	B1		Soil
28-Jul-08	15				20437	B1		Soil
28-Jul-08	16				20437	B1		Soil
28-Jul-08	17				20437	B2		Soil
28-Jul-08	18				20437	B2		Soil
28-Jul-08	19				20437	B2		Soil
28-Jul-08	20				20437	DZ		Soil
28-Jul-08	21				20437	DZ		Soil
28-Jul-08	22				20437	DZ		Soil
28-Jul-08	23				20437	GZ		Soil
28-Jul-08	24				20437	GZ		Soil
28-Jul-08	25				20437	GZ		Soil
28-Jul-08	26				20437	PZ		Soil
28-Jul-08	27				20437	PZ		Soil
28-Jul-08	28				20437	PZ		Soil
28-Jul-08	29				23378	F1		Soil
28-Jul-08	30				23378	F1		Soil
28-Jul-08	31				23378	F1		Soil
28-Jul-08	32				23378	F2		Soil
28-Jul-08	33				23378	F2		Soil
28-Jul-08	34				23378	F2		Soil
28-Jul-08	35				23378	B1		Soil
28-Jul-08	36				23378	B1		Soil
28-Jul-08	37				23378	B1		Soil
28-Jul-08	38				23378	B2		Soil
28-Jul-08	39				23378	B2		Soil
28-Jul-08	40				23378	B2		Soil
28-Jul-08	41				23378	B2-bio		Soil
28-Jul-08	42				23378	B2-bio		Soil
28-Jul-08	43				23378	B2-bio		Soil
28-Jul-08	44				23378	DZ		Soil
28-Jul-08	45				23378	DZ		Soil
28-Jul-08	46				23378	DZ		Soil
28-Jul-08	47				30170	F1		Soil
28-Jul-08	48			-0.039933			PASS	Standardiz
28-Jul-08	49				30170	F1		Soil
28-Jul-08	50				30170	F1		Soil

28-Jul-08	51	30170 F2	Soil
28-Jul-08	52	30170 F2	Soil
28-Jul-08	53	30170 F2	Soil
28-Jul-08	54	30170 B1	Soil
28-Jul-08	55	30170 B1	Soil
28-Jul-08	56	30170 B1	Soil
28-Jul-08	57	30170 B2	Soil
28-Jul-08	58	30170 B2	Soil
28-Jul-08	59	30170 B2	Soil
28-Jul-08	60	30170 DZ	Soil
28-Jul-08	61	30170 DZ	Soil
28-Jul-08	62	30170 DZ	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
7:32:12								
7:44:17				<LOD		0	NA	
7:46:17				<LOD		0	NA	
7:49:42				<LOD		0	NA	
13:41:21								
13:41:56								
13:45:05								
13:47:35	shot 1			<LOD		0	NA	
13:50:12	shot 2			<LOD		0	NA	
13:53:39	shot 3			<LOD		0	NA	
13:57:09	shot 1			<LOD		0	NA	
14:00:48	shot 2			<LOD		0	NA	
14:04:18	shot 3			<LOD		0	NA	
14:08:37	shot 1			<LOD		0	NA	
14:11:01	shot 2			<LOD		0	NA	
14:15:29	shot 3			<LOD		0	NA	
14:18:36	shot 1			<LOD		0	NA	
14:22:09	shot 2			<LOD		0	NA	
14:27:34	shot 23			<LOD		0	NA	
14:30:48	shot 1			<LOD		0	NA	
14:33:24	shot 2			<LOD		0	NA	
14:37:22	shot 3			<LOD		0	NA	
14:40:16	shot 1			<LOD		0	NA	
14:43:30	shot 2			<LOD		0	NA	
14:46:36	shot 3			<LOD		0	NA	
14:50:37	shot 1			<LOD		0	NA	
14:53:27	shot 2			<LOD		0	NA	
14:56:42	shot 3			<LOD		0	NA	
15:07:18	shot 1			<LOD		0	NA	
15:09:46	shot 2			<LOD		0	NA	
15:12:10	shot 3			<LOD		0	NA	
15:14:52	shot 1			<LOD		0	NA	
15:17:25	shot 2			<LOD		0	NA	
15:20:02	shot 3			<LOD		0	NA	
15:22:38	shot 1			<LOD		0	NA	
15:25:42	shot 2			<LOD		0	NA	
15:29:28	shot 3			<LOD		0	NA	
15:32:14	shot 1			<LOD		0	NA	
15:36:30	shot 2			<LOD		0	NA	
15:41:07	shot 3			<LOD		0	NA	
15:45:23	shot 1			<LOD		0	NA	
15:49:07	shot 2			<LOD		0	NA	
15:51:32	shot 3			<LOD		0	NA	
15:54:29	shot 1			<LOD		0	NA	
15:57:34	shot 2			<LOD		0	NA	
16:00:15	shot 3			<LOD		0	NA	
18:00:34	shot 1			<LOD		0	NA	
18:04:20								
18:06:29	shot 2			<LOD		0	NA	
18:08:45	shot 3			<LOD		0	NA	

18:11:29	shot 1	<LOD	0	NA
18:14:37	shot 2	<LOD	0	NA
18:16:57	shot 3	<LOD	0	NA
18:19:34	shot 1	<LOD	0	NA
18:22:26	shot 2	<LOD	0	NA
18:25:12	shot 3	<LOD	0	NA
18:31:02	shot 1	<LOD	0	NA
18:33:35	shot 2	<LOD	0	NA
18:37:32	shot 3	<LOD	0	NA
18:42:03	shot 1	<LOD	0	NA
18:45:04	shot 2	<LOD	0	NA
18:49:17	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3629	322	Pass	152	35
	NA			2924	306	Pass	<LOD	95
	NA			2359	379	Pass	<LOD	136
	NA			3260	438	Pass	<LOD	122
	NA			3191	439	Pass	154	42
	NA			2488	429	Pass	<LOD	122
	NA			2874	466	Pass	183	44
	NA			2691	466	Pass	177	44
	NA			2314	446	Pass	140	42
	NA			3623	341	Pass	<LOD	95
	NA			3799	348	Pass	<LOD	97
	NA			4174	353	Pass	107	33
	NA			4057	419	Pass	172	40
	NA			3762	433	Pass	191	42
	NA			2112	436	Pass	157	42
	NA			3851	425	Pass	145	40
	NA			3847	406	Pass	<LOD	114
	NA			3268	384	Pass	162	38
	NA			3659	351	Pass	<LOD	101
	NA			2883	346	Pass	130	36
	NA			3832	352	Pass	135	36
	NA			3221	332	Pass	130	35
	NA			3255	344	Pass	<LOD	102
	NA			3541	348	Pass	<LOD	102
	NA			2837	343	Pass	<LOD	109
	NA			2789	347	Pass	<LOD	111
	NA			2893	345	Pass	<LOD	108
	NA			2754	401	Pass	<LOD	120
	NA			1896	389	Pass	<LOD	119
	NA			3339	412	Pass	185	43
	NA			2864	304	Pass	<LOD	100
	NA			2934	311	Pass	<LOD	90
	NA			2799	312	Pass	<LOD	104
	NA			2432	336	Pass	<LOD	107
	NA			2450	342	Pass	<LOD	112
	NA			3221	356	Pass	<LOD	114
	NA			2715	333	Pass	<LOD	110
	NA			1964	337	Pass	<LOD	105
	NA			2205	334	Pass	<LOD	106
	NA			2099	339	Pass	<LOD	114
	NA			2687	329	Pass	<LOD	106
	NA			3009	338	Pass	<LOD	109
	NA			4371	404	Pass	177	38
	NA			4663	434	Pass	147	39
	NA			4181	428	Pass	185	40

NA	4498	299	Pass		91	28
NA	4168	293	Pass	<LOD		81
NA	4547	301	Pass		121	29
NA	4714	310	Pass		114	29
NA	4537	303	Pass		94	28
NA	3972	312	Pass		96	30
NA	4161	288	Pass	<LOD		80
NA	4009	293	Pass	<LOD		80
NA	3932	290	Pass		109	29
NA	4500	303	Pass	<LOD		85
NA	4242	294	Pass		138	30
NA	4760	303	Pass	<LOD		78

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	480	32	Pass	32680	323	Pass	<LOD	170
	526	32	Pass	25476	266	Pass	<LOD	156
	10227	159	Pass	39069	432	Pass	<LOD	208
	734	38	Pass	27686	290	Pass	<LOD	163
Pass	691	38	Pass	27144	286	Pass	<LOD	163
	643	36	Pass	25671	271	Pass	<LOD	157
Pass	841	39	Pass	23727	251	Pass	<LOD	149
Pass	766	38	Pass	24107	255	Pass	<LOD	149
Pass	849	40	Pass	24304	258	Pass	<LOD	153
	585	30	Pass	17620	182	Pass	<LOD	122
	594	31	Pass	17919	185	Pass	<LOD	123
Pass	527	30	Pass	17798	186	Pass	<LOD	121
Pass	678	36	Pass	25146	259	Pass	<LOD	151
Pass	744	37	Pass	25629	265	Pass	<LOD	153
Pass	717	37	Pass	24858	257	Pass	<LOD	152
Pass	788	38	Pass	26010	269	Pass	<LOD	155
	828	38	Pass	25187	259	Pass	<LOD	151
Pass	777	37	Pass	23739	245	Pass	<LOD	147
	841	38	Pass	28837	289	Pass	<LOD	160
Pass	843	38	Pass	27161	275	Pass	<LOD	157
Pass	842	38	Pass	27663	282	Pass	<LOD	160
Pass	589	33	Pass	25825	262	Pass	<LOD	150
	612	34	Pass	26074	265	Pass	<LOD	152
	661	34	Pass	26689	270	Pass	<LOD	155
	1946	57	Pass	24788	271	Pass	<LOD	158
	2020	59	Pass	25921	285	Pass	<LOD	163
	1804	55	Pass	24143	265	Pass	<LOD	157
	1715	54	Pass	27246	295	Pass	<LOD	169
	1646	53	Pass	26713	289	Pass	<LOD	163
Pass	1625	53	Pass	27628	298	Pass	<LOD	166
	2038	57	Pass	22880	248	Pass	<LOD	148
	1834	54	Pass	22581	247	Pass	<LOD	149
	1812	54	Pass	22813	249	Pass	<LOD	152
	2200	62	Pass	25755	286	Pass	<LOD	164
	1995	59	Pass	25555	283	Pass	<LOD	164
	2015	60	Pass	26478	294	Pass	<LOD	169
	1895	57	Pass	25390	282	Pass	<LOD	163
	2068	59	Pass	25384	279	Pass	<LOD	161
	2044	60	Pass	25291	282	Pass	<LOD	166
	2048	61	Pass	26704	299	Pass	<LOD	168
	2015	59	Pass	25280	278	Pass	<LOD	162
	2080	61	Pass	26003	293	Pass	<LOD	168
Pass	923	38	Pass	16492	179	Pass	<LOD	121
Pass	1078	41	Pass	17766	196	Pass	<LOD	129
Pass	958	39	Pass	17144	187	Pass	<LOD	123

Pass	1027	36	Pass	11694	130	Pass	<LOD	99
	1077	37	Pass	11795	131	Pass	<LOD	98
Pass	923	35	Pass	11379	131	Pass	<LOD	99
Pass	859	34	Pass	12849	141	Pass	<LOD	103
Pass	748	32	Pass	11449	129	Pass	<LOD	98
Pass	827	33	Pass	12500	138	Pass	<LOD	101
	735	31	Pass	13015	141	Pass	<LOD	103
	714	31	Pass	13190	143	Pass	<LOD	105
Pass	876	34	Pass	13455	146	Pass	<LOD	105
	878	34	Pass	13498	148	Pass	<LOD	108
Pass	896	34	Pass	13356	145	Pass	<LOD	104
	931	35	Pass	13167	144	Pass	<LOD	104

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	67	11	Pass	29	7	Pass	105	6
	<LOD	32		96	9	Pass	320	9
	<LOD	42		3098	47	Pass	7161	83
	48	11	Pass	40	8	Pass	438	11
	<LOD	33		44	8	Pass	464	12
	38	11	Pass	32	8	Pass	408	11
	<LOD	31		49	8	Pass	593	13
	52	11	Pass	54	8	Pass	589	13
	<LOD	31		58	8	Pass	602	13
	<LOD	27		21	6	Pass	425	10
	30	9	Pass	26	7	Pass	437	10
	<LOD	27		27	7	Pass	423	10
	47	11	Pass	38	7	Pass	583	13
	52	11	Pass	34	7	Pass	590	13
	32	11	Pass	38	7	Pass	579	13
	45	11	Pass	34	8	Pass	1147	19
	39	11	Pass	32	7	Pass	1149	19
	<LOD	30		35	7	Pass	1057	18
	47	11	Pass	61	8	Pass	349	9
	46	11	Pass	66	8	Pass	325	9
	36	11	Pass	59	8	Pass	352	10
	<LOD	30		98	8	Pass	381	10
	37	10	Pass	81	8	Pass	383	10
	43	11	Pass	54	8	Pass	414	10
	53	12	Pass	137	10	Pass	545	13
	60	12	Pass	127	10	Pass	529	13
	52	12	Pass	120	10	Pass	528	13
	47	12	Pass	103	10	Pass	552	13
	46	11	Pass	116	10	Pass	539	13
	44	11	Pass	115	10	Pass	570	13
	34	11	Pass	96	9	Pass	514	12
	<LOD	32		119	10	Pass	508	12
	<LOD	32		93	9	Pass	491	12
	42	12	Pass	126	10	Pass	545	13
	57	12	Pass	101	10	Pass	600	14
	<LOD	36		128	10	Pass	646	15
	37	12	Pass	119	10	Pass	585	14
	46	12	Pass	92	10	Pass	573	13
	39	12	Pass	121	10	Pass	587	14
	64	12	Pass	164	11	Pass	694	15
	35	12	Pass	148	11	Pass	673	15
	48	12	Pass	169	11	Pass	716	16
	<LOD	28		341	12	Pass	448	11
	43	10	Pass	479	14	Pass	494	12
	<LOD	28		420	13	Pass	440	11

<LOD	24	22	6	Pass	248	7
<LOD	25	43	7	Pass	247	7
<LOD	25	26	7	Pass	243	8
<LOD	25	109	8	Pass	290	8
<LOD	25	90	8	Pass	265	8
<LOD	25	107	8	Pass	290	8
<LOD	25	29	6	Pass	537	11
<LOD	25	37	7	Pass	531	11
<LOD	25	44	7	Pass	545	11
<LOD	24	52	7	Pass	396	10
<LOD	24	60	7	Pass	387	9
<LOD	25	63	7	Pass	389	9

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	13	2	Pass	4	1	Pass	94	2
Pass	114	9	Pass	<LOD	5		109	3
Pass	675	24	Pass	<LOD	11		124	4
Pass	109	16	Pass	<LOD	7		54	2
Pass	84	15	Pass	<LOD	7		61	2
Pass	<LOD	45		<LOD	7		53	2
Pass	53	11	Pass	<LOD	6		56	2
Pass	52	11	Pass	<LOD	6		57	2
Pass	48	11	Pass	<LOD	6		60	2
Pass	<LOD	20		<LOD	4		61	2
Pass	<LOD	20		<LOD	4		63	2
Pass	<LOD	20		<LOD	4		61	2
Pass	47	9	Pass	<LOD	5		68	2
Pass	41	9	Pass	<LOD	5		69	2
Pass	43	9	Pass	<LOD	5		65	2
Pass	49	10	Pass	<LOD	5		67	2
Pass	56	10	Pass	<LOD	5		64	2
Pass	29	9	Pass	<LOD	5		61	2
Pass	38	9	Pass	<LOD	5		71	2
Pass	34	9	Pass	<LOD	5		70	2
Pass	31	9	Pass	<LOD	5		68	2
Pass	43	8	Pass	<LOD	5		61	2
Pass	45	9	Pass	<LOD	5		63	2
Pass	44	9	Pass	<LOD	5		66	2
Pass	68	18	Pass	<LOD	8		41	2
Pass	68	19	Pass	<LOD	8		44	2
Pass	75	18	Pass	<LOD	8		46	2
Pass	72	17	Pass	<LOD	8		49	2
Pass	78	17	Pass	<LOD	8		47	2
Pass	101	17	Pass	<LOD	8		48	2
Pass	57	17	Pass	<LOD	8		42	2
Pass	54	17	Pass	<LOD	8		40	2
Pass	88	17	Pass	<LOD	8		44	2
Pass	86	20	Pass	<LOD	9		41	2
Pass	70	19	Pass	<LOD	9		41	2
Pass	112	20	Pass	<LOD	9		44	2
Pass	76	20	Pass	<LOD	9		43	2
Pass	78	19	Pass	<LOD	9		44	2
Pass	64	20	Pass	<LOD	9		43	2
Pass	<LOD	65		<LOD	10		43	2
Pass	83	20	Pass	<LOD	9		45	2
Pass	110	22	Pass	<LOD	10		43	2
Pass	<LOD	14		<LOD	4		57	2
Pass	25	5	Pass	<LOD	4		60	2
Pass	19	5	Pass	<LOD	4		61	2

Pass	<LOD	12	<LOD	3	57	2
Pass	<LOD	13	<LOD	3	54	2
Pass	<LOD	13	<LOD	3	54	2
Pass	<LOD	10	<LOD	3	61	2
Pass	<LOD	10	<LOD	3	55	2
Pass	<LOD	11	<LOD	3	56	2
Pass	<LOD	11	<LOD	3	61	2
Pass	<LOD	11	<LOD	3	62	2
Pass	<LOD	11	<LOD	3	64	2
Pass	<LOD	11	<LOD	3	68	2
Pass	<LOD	11	<LOD	3	62	2
Pass	<LOD	11	<LOD	3	62	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	228	4	Pass	84	3	Pass	<LOD	8
Pass	257	4	Pass	262	5	Pass	<LOD	8
Pass	344	6	Pass	47	4	Pass	22	3
Pass	114	3	Pass	206	4	Pass	<LOD	8
Pass	118	3	Pass	224	5	Pass	<LOD	8
Pass	123	3	Pass	229	5	Pass	<LOD	8
Pass	155	3	Pass	294	5	Pass	8	3
Pass	150	3	Pass	307	5	Pass	9	3
Pass	144	3	Pass	275	5	Pass	<LOD	8
Pass	111	3	Pass	392	5	Pass	<LOD	7
Pass	106	3	Pass	377	5	Pass	11	3
Pass	107	3	Pass	384	5	Pass	<LOD	8
Pass	122	3	Pass	337	5	Pass	<LOD	8
Pass	128	3	Pass	321	5	Pass	<LOD	8
Pass	128	3	Pass	300	5	Pass	<LOD	8
Pass	122	3	Pass	345	5	Pass	<LOD	8
Pass	120	3	Pass	329	5	Pass	<LOD	8
Pass	111	3	Pass	342	5	Pass	<LOD	8
Pass	122	3	Pass	214	4	Pass	<LOD	8
Pass	124	3	Pass	195	4	Pass	<LOD	8
Pass	127	3	Pass	202	4	Pass	<LOD	8
Pass	95	3	Pass	213	4	Pass	<LOD	8
Pass	100	3	Pass	221	4	Pass	<LOD	8
Pass	104	3	Pass	216	4	Pass	10	3
Pass	65	2	Pass	274	5	Pass	<LOD	8
Pass	73	3	Pass	244	5	Pass	<LOD	8
Pass	67	2	Pass	258	5	Pass	<LOD	8
Pass	91	3	Pass	228	5	Pass	<LOD	8
Pass	98	3	Pass	230	5	Pass	<LOD	8
Pass	97	3	Pass	218	5	Pass	9	3
Pass	61	2	Pass	214	5	Pass	<LOD	8
Pass	66	2	Pass	222	5	Pass	<LOD	8
Pass	64	2	Pass	237	5	Pass	<LOD	8
Pass	69	3	Pass	202	5	Pass	<LOD	8
Pass	68	3	Pass	224	5	Pass	<LOD	8
Pass	66	3	Pass	208	5	Pass	<LOD	8
Pass	69	3	Pass	243	5	Pass	<LOD	8
Pass	71	3	Pass	246	5	Pass	<LOD	8
Pass	68	3	Pass	244	5	Pass	<LOD	8
Pass	65	3	Pass	227	5	Pass	<LOD	8
Pass	62	2	Pass	185	4	Pass	<LOD	8
Pass	73	3	Pass	212	5	Pass	<LOD	9
Pass	170	3	Pass	483	6	Pass	9	3
Pass	203	4	Pass	470	6	Pass	12	3
Pass	181	3	Pass	472	6	Pass	<LOD	8

Pass	88	2	Pass	624	7	Pass	10	3
Pass	87	2	Pass	597	7	Pass	<LOD	8
Pass	85	2	Pass	595	7	Pass	9	3
Pass	101	2	Pass	654	7	Pass	<LOD	8
Pass	92	2	Pass	638	7	Pass	<LOD	8
Pass	99	2	Pass	662	7	Pass	10	3
Pass	83	2	Pass	499	6	Pass	12	3
Pass	91	2	Pass	489	6	Pass	8	2
Pass	87	2	Pass	494	6	Pass	9	3
Pass	93	2	Pass	545	7	Pass	11	3
Pass	91	2	Pass	515	6	Pass	11	3
Pass	92	2	Pass	517	6	Pass	<LOD	8

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		<LOD	36		<LOD	57
	<LOD	31		68	13	Pass	<LOD	63
Pass	40	11	Pass	<LOD	42		<LOD	69
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	38		<LOD	62
	<LOD	31		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	62
Pass	<LOD	31		<LOD	38		<LOD	62
	<LOD	31		<LOD	38		<LOD	62
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	35		<LOD	57
	<LOD	30		<LOD	37		<LOD	60
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		71	20
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	60
	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	32		<LOD	39		<LOD	65
	<LOD	32		<LOD	40		<LOD	66
	<LOD	32		<LOD	39		<LOD	65
	<LOD	32		<LOD	40		<LOD	65
	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	32		<LOD	39		<LOD	65
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	39		<LOD	63
	<LOD	31		<LOD	38		<LOD	63
	<LOD	32		<LOD	40		<LOD	67
	<LOD	32		<LOD	40		<LOD	66
	<LOD	33		<LOD	41		<LOD	67
	<LOD	32		<LOD	40		<LOD	66
	<LOD	32		<LOD	40		<LOD	66
	<LOD	33		<LOD	40		<LOD	67
	<LOD	33		<LOD	41		<LOD	68
	<LOD	32		<LOD	39		<LOD	65
	35	11	Pass	<LOD	41		<LOD	68
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	60

Pass	<LOD	28	<LOD	34	<LOD	56
	<LOD	28	<LOD	34	<LOD	56
Pass	<LOD	29	<LOD	35	<LOD	58
	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	28	<LOD	35	<LOD	58
Pass	<LOD	28	<LOD	34	<LOD	57
Pass	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	28	<LOD	35	<LOD	58
Pass	<LOD	28	<LOD	34	<LOD	57
	<LOD	28	<LOD	35	<LOD	57

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			933	198
	<LOD	66		NA			796	190
	<LOD	72		NA			1295	248
	<LOD	66		NA			6045	310
	<LOD	66		NA			6120	312
	<LOD	64		NA			6332	311
	<LOD	65		NA			8501	344
	<LOD	65		NA			8508	345
	<LOD	65		NA			7615	330
	<LOD	60		NA			3106	226
	<LOD	60		NA			3324	231
	<LOD	60		NA			3112	231
	<LOD	63		NA			5364	289
	<LOD	64		NA			6154	305
	<LOD	64		NA			7664	324
	<LOD	66		NA			5489	295
	<LOD	64		NA			4795	278
Pass	<LOD	64		NA			4308	265
	<LOD	65		NA			2291	227
	<LOD	65		NA			2637	231
	<LOD	65		NA			2002	224
	<LOD	63		NA			1968	215
	<LOD	64		NA			2397	225
	<LOD	64		NA			2333	226
	<LOD	69		NA			1602	222
	<LOD	70		NA			1566	225
	<LOD	69		NA			1676	223
	<LOD	69		NA			3999	278
	<LOD	69		NA			4213	277
	<LOD	69		NA			4082	282
	<LOD	67		NA			<LOD	559
	<LOD	67		NA			672	191
	<LOD	67		NA			806	195
	<LOD	70		NA			1333	218
	<LOD	70		NA			1604	224
	<LOD	70		NA			1375	226
	<LOD	70		NA			1011	211
	<LOD	70		NA			1882	226
	<LOD	71		NA			1417	219
	<LOD	72		NA			1381	223
	<LOD	69		NA			1011	209
	<LOD	72		NA			697	209
	<LOD	63		NA			5183	277
	<LOD	65		NA			5817	298
	<LOD	64		NA			6385	300

<LOD	59	NA	1045	177
<LOD	59	NA	1054	176
<LOD	61	NA	698	175
<LOD	61	NA	1187	185
<LOD	60	NA	1114	180
<LOD	61	NA	1836	196
<LOD	60	NA	763	170
<LOD	60	NA	1059	176
<LOD	60	NA	895	174
<LOD	61	NA	861	178
<LOD	60	NA	858	174
<LOD	60	NA	842	176

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	11		<LOD	8		24	3
Pass	<LOD	20		<LOD	22		1171	18
Pass	53	15	Pass	<LOD	50		5767	66
Pass	<LOD	29		<LOD	36		3489	40
Pass	<LOD	28		36	12	Pass	3298	38
Pass	<LOD	27		<LOD	35		3258	37
Pass	<LOD	22		29	9	Pass	1816	24
Pass	<LOD	22		<LOD	26		1805	24
Pass	<LOD	22		<LOD	27		1873	24
Pass	<LOD	15		<LOD	16		714	12
Pass	<LOD	15		<LOD	17		747	12
Pass	<LOD	15		<LOD	17		751	12
Pass	<LOD	18		23	7	Pass	1139	17
Pass	<LOD	19		<LOD	22		1192	18
Pass	<LOD	19		<LOD	22		1198	18
Pass	<LOD	20		<LOD	23		1362	19
Pass	<LOD	20		<LOD	23		1375	19
Pass	<LOD	19		<LOD	22		1295	18
Pass	<LOD	18		<LOD	21		1207	17
Pass	<LOD	18		<LOD	21		1199	17
Pass	<LOD	18		<LOD	21		1221	18
Pass	<LOD	18		<LOD	20		1060	16
Pass	<LOD	17		<LOD	20		1097	16
Pass	<LOD	18		<LOD	21		1114	17
Pass	<LOD	33		<LOD	42		4569	51
Pass	<LOD	33		<LOD	42		4727	53
Pass	<LOD	33		<LOD	42		4605	51
Pass	<LOD	31		44	13	Pass	3912	45
Pass	<LOD	30		<LOD	39		3995	45
Pass	<LOD	31		<LOD	38		3864	44
	<LOD	30		<LOD	39		4074	45
Pass	<LOD	30		<LOD	39		4097	46
Pass	<LOD	30		<LOD	38		3949	44
Pass	<LOD	34		<LOD	44		5116	57
Pass	<LOD	34		<LOD	44		5036	56
Pass	<LOD	36		<LOD	45		5285	59
Pass	<LOD	35		<LOD	45		5227	58
Pass	<LOD	34		<LOD	43		4974	55
Pass	<LOD	35		<LOD	45		5251	58
Pass	<LOD	38		<LOD	49		6119	67
Pass	<LOD	37		<LOD	46		5666	61
Pass	<LOD	38		<LOD	49		6017	66
Pass	<LOD	13		<LOD	13		335	8
Pass	<LOD	14		<LOD	14		342	9
Pass	<LOD	13		17	5	Pass	330	8

Pass	<LOD	11	<LOD	12	275	7
Pass	<LOD	11	<LOD	12	274	7
Pass	<LOD	11	<LOD	11	252	7
Pass	<LOD	11	<LOD	11	178	6
Pass	<LOD	11	<LOD	10	168	6
Pass	<LOD	11	<LOD	10	181	6
Pass	<LOD	11	<LOD	10	191	6
Pass	<LOD	11	<LOD	11	192	6
Pass	<LOD	12	<LOD	11	196	6
Pass	<LOD	12	<LOD	11	198	6
Pass	<LOD	11	<LOD	11	194	6
Pass	<LOD	11	<LOD	11	199	6

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019822			222			46.78	
Pass							56.65	testing
Pass							54.64	testing
Pass							55.14	testing
	0			0			0.05	
	0			0			0.24	
	0.019817			224			46.79	
Pass							54.35	testing
Pass							55.38	testing
Pass							54.57	testing
Pass							53.96	testing
Pass							53.86	testing
Pass							54.62	testing
Pass							52.61	testing
Pass							53.49	testing
Pass							52.92	testing
Pass							54.03	testing
Pass							53.85	testing
Pass							54.53	testing
Pass							54.09	testing
Pass							54.03	testing
Pass							54.06	testing
Pass							54.96	testing
Pass							55.11	testing
Pass							54.46	testing
Pass							54.6	testing
Pass							54.39	testing
Pass							53.98	testing
Pass							54.47	testing
Pass							54.95	testing
Pass							55.01	testing
Pass							54.81	testing
Pass							55.86	testing
Pass							54.87	testing
Pass							54.86	testing
Pass							55	testing
Pass							55.05	testing
Pass							55.31	testing
Pass							55.4	testing
Pass							55.12	testing
Pass							54.91	testing
Pass							55.9	testing
Pass							54.95	testing
Pass							54.88	testing
Pass							55.81	testing
Pass							55.03	testing
Pass							54.48	testing
	0.019818			224			47.27	
Pass							54.31	testing
Pass							54.13	testing

Pass	52.32	testing
Pass	53.71	testing
Pass	53.97	testing
Pass	51.55	testing
Pass	52.37	testing
Pass	51.98	testing
Pass	52.61	testing
Pass	52.66	testing
Pass	52.48	testing
Pass	52.59	testing
Pass	52.9	testing
Pass	52.59	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
29-Jul-08	1			-0.020347			PASS	Standardiz
29-Jul-08	2				NIST2709	low		Soil
29-Jul-08	3				NIST2711	medium		Soil
29-Jul-08	4				NIST2710	high		Soil
29-Jul-08	5				1653	F1		Soil
29-Jul-08	6				1653	F1		Soil
29-Jul-08	7				1653	F1		Soil
29-Jul-08	8				1653	F2		Soil
29-Jul-08	9				1653	F2		Soil
29-Jul-08	10				1653	F2		Soil
29-Jul-08	11				1653	B1		Soil
29-Jul-08	12				1653	B1		Soil
29-Jul-08	13				1653	B1		Soil
29-Jul-08	14				1653	B2		Soil
29-Jul-08	15				1653	B2		Soil
29-Jul-08	16				1653	B2		Soil
29-Jul-08	17				1653	DZ		Soil
29-Jul-08	18				1653	DZ		Soil
29-Jul-08	19				1653	DZ		Soil
29-Jul-08	20				30079	F1		Soil
29-Jul-08	21				30079	F1		Soil
29-Jul-08	22				30079	F1		Soil
29-Jul-08	23				30079	F2		Soil
29-Jul-08	24				30079	F2		Soil
29-Jul-08	25				30079	F2		Soil
29-Jul-08	26				30079	B1		Soil
29-Jul-08	27				30079	B1		Soil
29-Jul-08	28			-0.015493			PASS	Standardiz
29-Jul-08	29				30079	B1		Soil
29-Jul-08	30				30079	B2		Soil
29-Jul-08	31				30079	B2		Soil
29-Jul-08	32				30079	B2		Soil
29-Jul-08	33				30079	PZ		Soil
29-Jul-08	34				30079	PZ		Soil
29-Jul-08	35				30079	PZ		Soil
29-Jul-08	36				30079	DZ		Soil
29-Jul-08	37				30079	DZ		Soil
29-Jul-08	38				30079	DZ		Soil
29-Jul-08	39				20767	F1		Soil
29-Jul-08	40			-0.01832			PASS	Standardiz
29-Jul-08	41				20767	F1		Soil
29-Jul-08	42				20767	F1		Soil
29-Jul-08	43				20767	F2		Soil
29-Jul-08	44				20767	F2		Soil
29-Jul-08	45				20767	F2		Soil
29-Jul-08	46				20767	B1-10 sieve		Soil
29-Jul-08	47				20767	B1-10 sieve		Soil
29-Jul-08	48				20767	B1-10 sieve		Soil
29-Jul-08	49				20767	B1-60 sieve		Soil
29-Jul-08	50				20767	B1-60 sieve		Soil

29-Jul-08	51	20767	B1-60 sieve	Soil
29-Jul-08	52	20767	B2	Soil
29-Jul-08	53	20767	B2	Soil
29-Jul-08	54	20767	B2	Soil
29-Jul-08	55	20767	DZ	Soil
29-Jul-08	56	20767	DZ	Soil
29-Jul-08	57	20767	DZ	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
7:05:46								
7:07:36				<LOD		0	NA	
7:11:21				<LOD		0	NA	
7:18:55				<LOD		0	NA	
7:48:26	shot 1			<LOD		0	NA	
7:50:58	shot 2			<LOD		0	NA	
7:53:22	shot 3			<LOD		0	NA	
7:57:57	shot 1			<LOD		0	NA	
8:00:26	shot 2			<LOD		0	NA	
8:02:44	shot 3			<LOD		0	NA	
8:05:13	shot 1			<LOD		0	NA	
8:08:42	shot 2			<LOD		0	NA	
8:11:18	shot 3			<LOD		0	NA	
8:14:18	shot 1			<LOD		0	NA	
8:16:47	shot 2			<LOD		0	NA	
8:19:11	shot 3			<LOD		0	NA	
8:22:01	shot 1			<LOD		0	NA	
8:24:26	shot 2			<LOD		0	NA	
8:27:25	shot 3			<LOD		0	NA	
10:43:33	shot 1			<LOD		0	NA	
10:46:50	shot 2			<LOD		0	NA	
10:52:35	shot 3			<LOD		0	NA	
10:55:34	shot 1			<LOD		0	NA	
10:58:10	shot 2			<LOD		0	NA	
11:01:06	shot 3			<LOD		0	NA	
11:04:07	shot 1			<LOD		0	NA	
11:06:21	shot 2			<LOD		0	NA	
11:09:32								
11:11:12	shot 3			<LOD		0	NA	
11:13:39	shot 1			<LOD		0	NA	
11:16:20	shot 2			<LOD		0	NA	
11:18:47	shot 3			<LOD		0	NA	
11:21:07	shot 1			<LOD		0	NA	
11:25:06	shot 2			<LOD		0	NA	
11:30:36	shot 3			<LOD		0	NA	
11:33:05	shot 1			<LOD		0	NA	
11:35:07	shot 2			<LOD		0	NA	
11:37:44	shot 3			<LOD		0	NA	
16:00:03	shot 1			<LOD		0	NA	
16:02:57								
16:04:35	shot 2			<LOD		0	NA	
16:06:47	shot 3			<LOD		0	NA	
16:10:12	shot 1			<LOD		0	NA	
16:14:18	shot 2			<LOD		0	NA	
16:21:17	shot 3			<LOD		0	NA	
16:23:46	shot 1			<LOD		0	NA	
16:26:25	shot 2			<LOD		0	NA	
16:30:03	shot 3			<LOD		0	NA	
16:34:56	shot 1			<LOD		0	NA	
16:38:35	shot 2			<LOD		0	NA	

16:41:36	shot 3	<LOD	0	NA
16:45:00	shot 1	<LOD	0	NA
16:47:38	shot 2	<LOD	0	NA
16:50:04	shot 3	<LOD	0	NA
16:52:58	shot 1	<LOD	0	NA
16:55:49	shot 2	<LOD	0	NA
16:58:05	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3336	324	Pass	124	35
	NA			3026	303	Pass	<LOD	95
	NA			3185	381	Pass	<LOD	136
	NA			4364	356	Pass	107	33
	NA			4303	352	Pass	112	33
	NA			3514	337	Pass	133	33
	NA			3197	468	Pass	234	45
	NA			3504	471	Pass	246	45
	NA			3696	468	Pass	281	45
	NA			4248	348	Pass	<LOD	97
	NA			3553	349	Pass	<LOD	100
	NA			4658	356	Pass	123	33
	NA			4413	327	Pass	105	30
	NA			4491	329	Pass	141	32
	NA			4674	328	Pass	123	31
	NA			3294	316	Pass	<LOD	91
	NA			3670	313	Pass	131	32
	NA			3492	319	Pass	125	32
	NA			3784	338	Pass	<LOD	93
	NA			3697	329	Pass	<LOD	93
	NA			4215	331	Pass	118	31
	NA			4472	325	Pass	<LOD	89
	NA			4434	331	Pass	<LOD	92
	NA			5025	340	Pass	<LOD	91
	NA			4756	341	Pass	124	32
	NA			3895	328	Pass	107	31
	NA			4730	344	Pass	121	32
	NA			4316	352	Pass	132	34
	NA			4665	345	Pass	<LOD	92
	NA			3349	330	Pass	<LOD	96
	NA			4294	323	Pass	119	31
	NA			3970	340	Pass	118	32
	NA			4018	325	Pass	<LOD	91
	NA			3822	344	Pass	<LOD	97
	NA			3395	334	Pass	175	35
	NA			3935	346	Pass	<LOD	97
	NA			4659	296	Pass	105	27
	NA			4230	289	Pass	<LOD	78
	NA			4495	299	Pass	<LOD	81
	NA			4794	293	Pass	<LOD	78
	NA			4734	291	Pass	<LOD	78
	NA			4495	288	Pass	<LOD	76
	NA			3747	302	Pass	<LOD	92
	NA			3315	299	Pass	<LOD	92
	NA			3460	297	Pass	<LOD	91
	NA			3909	306	Pass	<LOD	93
	NA			3508	297	Pass	<LOD	90

NA	4019	307	Pass	<LOD	89
NA	4489	287	Pass	<LOD	76
NA	4257	279	Pass	<LOD	76
NA	4193	282	Pass	<LOD	77
NA	4005	279	Pass	<LOD	77
NA	4187	286	Pass	<LOD	79
NA	4076	284	Pass	<LOD	80

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	425	31	Pass	33235	328	Pass	<LOD	173
	496	31	Pass	24572	254	Pass	<LOD	151
	10269	157	Pass	38899	425	Pass	<LOD	205
Pass	508	30	Pass	19251	200	Pass	<LOD	129
Pass	420	28	Pass	18472	193	Pass	<LOD	127
Pass	493	29	Pass	18825	195	Pass	<LOD	126
Pass	657	36	Pass	22843	241	Pass	<LOD	146
Pass	493	33	Pass	23617	247	Pass	<LOD	149
Pass	639	36	Pass	23212	245	Pass	<LOD	149
	497	30	Pass	19462	202	Pass	<LOD	130
	531	31	Pass	20220	208	Pass	<LOD	133
Pass	447	29	Pass	19236	200	Pass	<LOD	130
Pass	520	29	Pass	13669	150	Pass	<LOD	109
Pass	502	28	Pass	13638	150	Pass	<LOD	108
Pass	482	28	Pass	13435	146	Pass	<LOD	104
	679	32	Pass	16785	177	Pass	<LOD	118
Pass	625	31	Pass	17361	181	Pass	<LOD	122
Pass	705	33	Pass	17065	180	Pass	<LOD	120
	1010	37	Pass	16740	174	Pass	<LOD	119
	1015	37	Pass	16568	172	Pass	<LOD	114
Pass	1003	36	Pass	16557	170	Pass	<LOD	114
	885	35	Pass	15961	166	Pass	<LOD	114
	914	36	Pass	15963	169	Pass	<LOD	116
	889	35	Pass	16272	173	Pass	<LOD	118
Pass	937	36	Pass	16511	173	Pass	<LOD	119
Pass	888	35	Pass	16247	171	Pass	<LOD	118
Pass	1000	37	Pass	16139	171	Pass	<LOD	117
Pass	1068	40	Pass	18516	199	Pass	<LOD	130
	1078	38	Pass	18544	188	Pass	<LOD	122
	1016	38	Pass	18200	192	Pass	<LOD	124
Pass	964	36	Pass	17045	176	Pass	<LOD	119
Pass	1023	38	Pass	16978	178	Pass	<LOD	119
	958	36	Pass	17108	175	Pass	<LOD	117
	935	37	Pass	22921	226	Pass	<LOD	137
Pass	936	37	Pass	22754	228	Pass	<LOD	139
	937	37	Pass	22914	230	Pass	<LOD	138
Pass	324	23	Pass	10450	118	Pass	<LOD	91
	278	22	Pass	10424	119	Pass	<LOD	92
	322	24	Pass	11060	126	Pass	<LOD	97
	401	25	Pass	9712	114	Pass	<LOD	90
	386	24	Pass	9495	112	Pass	<LOD	90
	380	24	Pass	9929	115	Pass	<LOD	91
	1283	43	Pass	19234	204	Pass	<LOD	130
	1173	41	Pass	18979	202	Pass	<LOD	130
	1248	42	Pass	19943	207	Pass	<LOD	134
	1147	41	Pass	18089	196	Pass	<LOD	129
	1066	39	Pass	17541	186	Pass	<LOD	124

1110	40	Pass	17676	190	Pass	<LOD	126
345	23	Pass	8444	102	Pass	<LOD	84
340	23	Pass	8112	98	Pass	<LOD	82
342	23	Pass	8554	103	Pass	<LOD	83
452	26	Pass	10022	116	Pass	<LOD	92
466	26	Pass	9733	116	Pass	<LOD	91
494	27	Pass	10172	118	Pass	<LOD	92

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	84	12	Pass	27	7	Pass	98	5
	32	10	Pass	95	8	Pass	314	9
	<LOD	40		3093	46	Pass	7100	81
	35	10	Pass	<LOD	20		428	10
	29	9	Pass	25	7	Pass	434	10
	36	9	Pass	25	7	Pass	432	10
	37	10	Pass	22	7	Pass	413	11
	32	10	Pass	38	7	Pass	410	10
	39	11	Pass	31	7	Pass	420	11
	<LOD	28		22	7	Pass	440	10
	<LOD	29		<LOD	20		446	10
	32	10	Pass	<LOD	20		440	10
	<LOD	26		<LOD	19		138	6
	<LOD	25		25	7	Pass	139	6
	<LOD	25		23	6	Pass	136	6
	<LOD	26		24	7	Pass	249	8
	<LOD	27		31	7	Pass	253	8
	34	9	Pass	21	7	Pass	244	8
	36	9	Pass	25	6	Pass	237	7
	41	9	Pass	21	6	Pass	225	7
	<LOD	25		22	6	Pass	231	7
	32	9	Pass	26	6	Pass	184	7
	<LOD	26		34	7	Pass	180	7
	<LOD	27		<LOD	19		186	7
	<LOD	26		41	7	Pass	418	10
	44	9	Pass	34	7	Pass	388	10
	<LOD	27		37	7	Pass	423	10
	<LOD	28		<LOD	20		213	7
	<LOD	27		<LOD	18		204	7
	<LOD	27		31	7	Pass	201	7
	<LOD	26		24	6	Pass	277	8
	<LOD	27		26	7	Pass	260	8
	28	9	Pass	32	7	Pass	266	8
	<LOD	28		40	7	Pass	242	7
	<LOD	28		46	7	Pass	249	8
	37	10	Pass	32	7	Pass	248	8
	<LOD	23		20	6	Pass	128	5
	<LOD	23		<LOD	17		137	6
	<LOD	24		24	6	Pass	148	6
	<LOD	24		21	6	Pass	165	6
	<LOD	22		21	6	Pass	163	6
	<LOD	23		<LOD	18		181	6
	31	10	Pass	31	7	Pass	663	13
	<LOD	29		47	7	Pass	637	13
	<LOD	29		48	7	Pass	694	13
	34	10	Pass	41	7	Pass	643	13
	37	10	Pass	39	7	Pass	641	13

32	10	Pass	56	8	Pass	654	13
<LOD	22		<LOD	17		61	4
<LOD	22		<LOD	17		60	4
<LOD	23		<LOD	17		61	4
<LOD	24		29	6	Pass	358	9
<LOD	24		20	6	Pass	316	9
<LOD	23		20	6	Pass	341	9

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	12	2	Pass	<LOD	3		91	2
Pass	112	9	Pass	<LOD	5		115	3
Pass	700	24	Pass	<LOD	10		136	4
Pass	<LOD	18		<LOD	4		67	2
Pass	<LOD	17		<LOD	4		66	2
Pass	<LOD	17		<LOD	3		72	2
Pass	38	8	Pass	<LOD	5		65	2
Pass	32	8	Pass	<LOD	5		61	2
Pass	<LOD	25		<LOD	5		61	2
Pass	<LOD	21		<LOD	4		71	2
Pass	27	7	Pass	<LOD	4		72	2
Pass	<LOD	20		<LOD	4		71	2
Pass	<LOD	19		<LOD	4		63	2
Pass	<LOD	19		<LOD	4		61	2
Pass	19	6	Pass	<LOD	4		62	2
Pass	<LOD	17		<LOD	4		62	2
Pass	<LOD	17		<LOD	4		64	2
Pass	18	6	Pass	<LOD	4		57	2
Pass	<LOD	13		<LOD	3		64	2
Pass	<LOD	13		<LOD	3		62	2
Pass	<LOD	12		<LOD	3		62	2
Pass	<LOD	12		<LOD	3		66	2
Pass	<LOD	12		<LOD	3		61	2
Pass	<LOD	12		<LOD	3		67	2
Pass	<LOD	13		<LOD	3		72	2
Pass	<LOD	13		<LOD	3		66	2
Pass	<LOD	13		<LOD	4		68	2
Pass	<LOD	13		<LOD	4		57	2
Pass	14	4	Pass	<LOD	3		57	2
Pass	16	4	Pass	<LOD	3		56	2
Pass	<LOD	13		<LOD	3		64	2
Pass	<LOD	13		<LOD	3		65	2
Pass	<LOD	12		<LOD	3		66	2
Pass	13	4	Pass	<LOD	3		62	2
Pass	<LOD	12		<LOD	3		61	2
Pass	13	4	Pass	<LOD	3		64	2
Pass	<LOD	7		<LOD	3		59	2
Pass	<LOD	7		<LOD	3		59	2
Pass	<LOD	8		<LOD	3		58	2
Pass	<LOD	15		<LOD	3		55	2
Pass	<LOD	15		<LOD	3		52	2
Pass	<LOD	15		<LOD	4		55	2
Pass	<LOD	29		<LOD	5		56	2
Pass	34	9	Pass	<LOD	5		53	2
Pass	<LOD	29		<LOD	5		56	2
Pass	39	10	Pass	<LOD	5		58	2
Pass	<LOD	28		<LOD	5		54	2

Pass	<LOD	28	<LOD	5	53	2
Pass	<LOD	7	<LOD	3	55	2
Pass	<LOD	7	<LOD	3	54	2
Pass	<LOD	7	<LOD	3	55	2
Pass	<LOD	17	<LOD	4	50	2
Pass	<LOD	17	<LOD	4	48	2
Pass	<LOD	18	<LOD	4	52	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	232	4	Pass	86	4	Pass	<LOD	8
Pass	247	4	Pass	256	5	Pass	<LOD	8
Pass	327	6	Pass	48	4	Pass	20	3
Pass	97	2	Pass	435	6	Pass	8	3
Pass	98	2	Pass	441	6	Pass	<LOD	8
Pass	102	2	Pass	425	6	Pass	9	3
Pass	192	4	Pass	337	5	Pass	<LOD	8
Pass	186	4	Pass	329	5	Pass	<LOD	8
Pass	193	4	Pass	332	5	Pass	<LOD	8
Pass	93	2	Pass	476	6	Pass	<LOD	8
Pass	95	2	Pass	482	6	Pass	<LOD	8
Pass	93	2	Pass	514	7	Pass	<LOD	8
Pass	92	2	Pass	576	7	Pass	8	3
Pass	97	2	Pass	579	7	Pass	<LOD	8
Pass	96	2	Pass	571	7	Pass	<LOD	8
Pass	83	2	Pass	452	6	Pass	9	3
Pass	82	2	Pass	453	6	Pass	<LOD	8
Pass	79	2	Pass	366	5	Pass	9	3
Pass	96	2	Pass	419	6	Pass	<LOD	7
Pass	98	2	Pass	414	6	Pass	<LOD	7
Pass	98	2	Pass	430	6	Pass	<LOD	7
Pass	92	2	Pass	485	6	Pass	<LOD	7
Pass	95	2	Pass	480	6	Pass	<LOD	8
Pass	92	2	Pass	485	6	Pass	<LOD	8
Pass	90	2	Pass	527	6	Pass	9	3
Pass	91	2	Pass	511	6	Pass	<LOD	8
Pass	89	2	Pass	509	6	Pass	10	3
Pass	91	2	Pass	387	6	Pass	13	3
Pass	95	2	Pass	405	5	Pass	12	3
Pass	96	2	Pass	399	6	Pass	14	3
Pass	96	2	Pass	479	6	Pass	11	3
Pass	96	2	Pass	483	6	Pass	8	3
Pass	87	2	Pass	460	6	Pass	<LOD	7
Pass	96	2	Pass	349	5	Pass	10	2
Pass	95	2	Pass	354	5	Pass	13	3
Pass	97	2	Pass	361	5	Pass	10	3
Pass	81	2	Pass	604	7	Pass	<LOD	8
Pass	80	2	Pass	605	7	Pass	<LOD	8
Pass	80	2	Pass	608	7	Pass	9	3
Pass	72	2	Pass	643	7	Pass	10	3
Pass	72	2	Pass	610	7	Pass	<LOD	8
Pass	73	2	Pass	630	7	Pass	9	3
Pass	63	2	Pass	369	5	Pass	<LOD	8
Pass	64	2	Pass	355	5	Pass	<LOD	8
Pass	62	2	Pass	384	5	Pass	<LOD	8
Pass	70	2	Pass	423	6	Pass	10	3
Pass	66	2	Pass	425	6	Pass	<LOD	8

Pass	70	2	Pass	427	6	Pass	<LOD	8
Pass	73	2	Pass	685	7	Pass	10	3
Pass	75	2	Pass	676	7	Pass	8	3
Pass	80	2	Pass	700	8	Pass	<LOD	8
Pass	71	2	Pass	596	7	Pass	<LOD	8
Pass	70	2	Pass	576	7	Pass	<LOD	8
Pass	72	2	Pass	586	7	Pass	<LOD	8

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		<LOD	36		<LOD	57
	<LOD	30		<LOD	37		<LOD	61
Pass	38	11	Pass	<LOD	42		<LOD	68
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	38		<LOD	63
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	35		<LOD	57
	<LOD	27		<LOD	34		<LOD	55
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	29		<LOD	36		<LOD	58
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	29		<LOD	35		<LOD	55
Pass	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	56
Pass	<LOD	29		<LOD	35		<LOD	56
Pass	<LOD	29		<LOD	35		<LOD	57
	<LOD	27		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	57
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	62
	<LOD	29		<LOD	36		<LOD	60

	<LOD	29	<LOD	36	<LOD	60
Pass	<LOD	28	<LOD	34	<LOD	57
Pass	<LOD	27	<LOD	34	<LOD	56
	<LOD	27	<LOD	34	<LOD	57
	<LOD	28	<LOD	35	<LOD	57
	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	35	<LOD	57

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			1232	204
	<LOD	65		NA			846	188
	<LOD	71		NA			899	240
	<LOD	61		NA			2829	230
	<LOD	62		NA			2806	227
	<LOD	61		NA			2719	222
	<LOD	65		NA			8621	344
	<LOD	65		NA			8631	344
	<LOD	65		NA			8120	339
	<LOD	62		NA			2568	223
	<LOD	62		NA			3098	232
	<LOD	63		NA			2545	226
	<LOD	61		NA			1921	203
	<LOD	62		NA			1947	205
	<LOD	60		NA			1989	203
	<LOD	61		NA			2175	206
	<LOD	61		NA			1678	197
	<LOD	62		NA			2055	206
	<LOD	59		NA			3038	223
	<LOD	59		NA			2688	215
	<LOD	58		NA			2644	213
	<LOD	60		NA			1966	202
	<LOD	61		NA			2045	207
	<LOD	61		NA			1940	209
	<LOD	62		NA			2229	213
	<LOD	61		NA			2301	210
	<LOD	61		NA			2370	216
	<LOD	61		NA			2344	224
	<LOD	58		NA			2648	219
	<LOD	57		NA			2485	216
	<LOD	59		NA			1945	203
	<LOD	60		NA			2708	221
	<LOD	59		NA			2329	208
	<LOD	59		NA			2952	226
	<LOD	59		NA			2562	220
	<LOD	58		NA			2650	224
	<LOD	59		NA			956	173
	<LOD	60		NA			932	171
	<LOD	61		NA			913	176
	<LOD	60		NA			577	166
	<LOD	60		NA			543	165
	<LOD	60		NA			626	166
	<LOD	65		NA			588	180
	<LOD	65		NA			819	183
	<LOD	64		NA			738	180
	<LOD	65		NA			579	181
	<LOD	63		NA			871	181

<LOD	64	NA	715	182
<LOD	60	NA	748	166
<LOD	59	NA	719	162
<LOD	60	NA	773	165
<LOD	61	NA	592	163
<LOD	62	NA	564	165
<LOD	61	NA	684	167

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	10		<LOD	8		18	3
Pass	<LOD	19		<LOD	21		1136	17
Pass	<LOD	45		<LOD	49		5724	65
Pass	<LOD	14		<LOD	15		545	11
Pass	<LOD	13		<LOD	14		525	10
Pass	<LOD	14		<LOD	15		543	10
Pass	<LOD	18		<LOD	20		979	16
Pass	<LOD	17		<LOD	20		971	15
Pass	<LOD	18		<LOD	20		984	16
Pass	<LOD	15		<LOD	17		773	13
Pass	<LOD	15		<LOD	17		718	12
Pass	<LOD	15		<LOD	16		660	12
Pass	<LOD	14		<LOD	16		622	11
Pass	<LOD	14		<LOD	16		676	12
Pass	<LOD	14		<LOD	15		608	11
Pass	<LOD	13		<LOD	14		504	10
Pass	<LOD	14		<LOD	14		498	10
Pass	<LOD	14		<LOD	15		525	10
Pass	<LOD	12		<LOD	12		268	7
Pass	<LOD	11		<LOD	12		273	7
Pass	<LOD	11		<LOD	11		268	7
Pass	<LOD	12		14	4	Pass	244	7
Pass	<LOD	11		<LOD	11		231	7
Pass	<LOD	12		12	4	Pass	238	7
Pass	<LOD	12		<LOD	12		286	7
Pass	<LOD	12		<LOD	12		284	7
Pass	<LOD	12		<LOD	12		288	7
Pass	<LOD	12		<LOD	12		253	7
Pass	<LOD	12		<LOD	12		267	7
Pass	<LOD	12		<LOD	12		269	7
Pass	<LOD	12		18	4	Pass	259	7
Pass	<LOD	11		<LOD	12		262	7
Pass	<LOD	11		12	4	Pass	263	7
Pass	<LOD	11		<LOD	11		236	7
Pass	<LOD	11		<LOD	12		250	7
Pass	<LOD	12		<LOD	11		251	7
Pass	<LOD	9		<LOD	8		70	4
Pass	<LOD	9		<LOD	8		69	4
Pass	<LOD	10		<LOD	9		79	4
Pass	<LOD	13		<LOD	13		408	9
Pass	<LOD	13		<LOD	13		407	9
Pass	<LOD	12		<LOD	13		411	9
Pass	<LOD	19		<LOD	23		1516	20
Pass	<LOD	19		<LOD	22		1376	19
Pass	<LOD	20		<LOD	23		1501	20
Pass	<LOD	19		<LOD	23		1401	19
Pass	<LOD	19		<LOD	22		1365	19

Pass	<LOD	19	<LOD	23	1411	19
Pass	<LOD	10	<LOD	8	56	4
Pass	<LOD	10	<LOD	8	57	4
Pass	<LOD	10	<LOD	9	59	4
Pass	<LOD	13	<LOD	14	548	10
Pass	<LOD	14	<LOD	15	539	10
Pass	<LOD	14	<LOD	14	576	10

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019826				223		46.84	
Pass							56.95	testing
Pass							55.17	testing
Pass							56.18	testing
Pass							52.99	testing
Pass							52.76	testing
Pass							53.18	testing
Pass							53.64	testing
Pass							53.63	testing
Pass							53.78	testing
Pass							52.93	testing
Pass							53.56	testing
Pass							52.63	testing
Pass							52.21	testing
Pass							51.68	testing
Pass							53.13	testing
Pass							52.82	testing
Pass							52.54	testing
Pass							52.31	testing
Pass							53.88	testing
Pass							52.42	testing
Pass							52.32	testing
Pass							53.08	testing
Pass							52.38	testing
Pass							52.69	testing
Pass							53	testing
Pass							52.03	testing
	0.019804				225		46.87	
Pass							52.18	testing
Pass							55.08	testing
Pass							53.24	testing
Pass							55.79	testing
Pass							54.11	testing
Pass							53.28	testing
Pass							53.88	testing
Pass							54.83	testing
Pass							54.55	testing
Pass							54.76	testing
Pass							53.3	testing
	0.019812				223		46.9	
Pass							52.46	testing
Pass							52.27	testing
Pass							52.3	testing
Pass							52.49	testing
Pass							53.1	testing
Pass							54.05	testing
Pass							53.22	testing
Pass							52.57	testing
Pass							53.74	testing
Pass							54.41	testing

Pass	53.48	testing
Pass	51.5	testing
Pass	52.47	testing
Pass	51.83	testing
Pass	52.85	testing
Pass	52.82	testing
Pass	53.32	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
30-Jul-08	1			-0.019433			PASS	Standardiz
30-Jul-08	2				NIST2709	low		Soil
30-Jul-08	3				NIST2711	medium		Soil
30-Jul-08	4				NIST2710	high		Soil
30-Jul-08	5				5009	F1		Soil
30-Jul-08	6				5009	F1		Soil
30-Jul-08	7				5009	F1		Soil
30-Jul-08	8				5009	F2		Soil
30-Jul-08	9				5009	F2		Soil
30-Jul-08	10				5009	F2		Soil
30-Jul-08	11				5009	B1		Soil
30-Jul-08	12				5009	B1		Soil
30-Jul-08	13				5009	B1		Soil
30-Jul-08	14				5009	B2		Soil
30-Jul-08	15				5009	B2		Soil
30-Jul-08	16				5009	B2		Soil
30-Jul-08	17				5009	DZ		Soil
30-Jul-08	18				5009	DZ		Soil
30-Jul-08	19				5009	DZ		Soil
30-Jul-08	20				5037	F1		Soil
30-Jul-08	21				5037	F1		Soil
30-Jul-08	22				5037	F1		Soil
30-Jul-08	23				5037	F2		Soil
30-Jul-08	24				5037	F2		Soil
30-Jul-08	25				5037	F2		Soil
30-Jul-08	26				5037	B1		Soil
30-Jul-08	27				5037	B1		Soil
30-Jul-08	28				5037	B1		Soil
30-Jul-08	29				5037	B2		Soil
30-Jul-08	30				5037	B2		Soil
30-Jul-08	31				5037	B2		Soil
30-Jul-08	32				5037	DZ		Soil
30-Jul-08	33				5037	DZ		Soil
30-Jul-08	34				5037	DZ		Soil
30-Jul-08	35			0				Standardiz
30-Jul-08	36			-0.018866			PASS	Standardiz
30-Jul-08	37				5027	F1		Soil
30-Jul-08	38				5027	F1		Soil
30-Jul-08	39				5027	F1		Soil
30-Jul-08	40				5027	F2		Soil
30-Jul-08	41				5027	F2		Soil
30-Jul-08	42				5027	F2		Soil
30-Jul-08	43				5027	B1		Soil
30-Jul-08	44				5027	B1		Soil
30-Jul-08	45				5027	B1		Soil
30-Jul-08	46				5027	B2		Soil
30-Jul-08	47				5027	B2		Soil
30-Jul-08	48				5027	B2		Soil
30-Jul-08	49				5027	DZ		Soil
30-Jul-08	50				5027	DZ		Soil

30-Jul-08	51		5027 DZ	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
6:49:58								
6:51:23				<LOD		0	NA	
6:54:10				<LOD		0	NA	
6:58:41				<LOD		0	NA	
7:03:33	shot 1			<LOD		0	NA	
7:07:17	shot 2			<LOD		0	NA	
7:09:49	shot 3			<LOD		0	NA	
7:12:24	shot 1			<LOD		0	NA	
7:15:46	shot 2			<LOD		0	NA	
7:18:02	shot 3			<LOD		0	NA	
7:21:53	shot 1			<LOD		0	NA	
7:24:16	shot 2			<LOD		0	NA	
7:26:43	shot 3			<LOD		0	NA	
7:31:01	shot 1			<LOD		0	NA	
7:37:25	shot 2			<LOD		0	NA	
7:39:38	shot 3			<LOD		0	NA	
7:43:01	shot 1			<LOD		0	NA	
7:46:27	shot 2			<LOD		0	NA	
7:48:45	shot 3			<LOD		0	NA	
7:56:34	shot 1			<LOD		0	NA	
7:58:58	shot 2			<LOD		0	NA	
8:02:07	shot 3			<LOD		0	NA	
8:04:56	shot 1			<LOD		0	NA	
8:07:42	shot 2			<LOD		0	NA	
8:09:52	shot 3			<LOD		0	NA	
8:13:37	shot 1			<LOD		0	NA	
8:16:04	shot 2			<LOD		0	NA	
8:18:58	shot 3			<LOD		0	NA	
8:21:15	shot 1			<LOD		0	NA	
8:24:25	shot 2			<LOD		0	NA	
8:26:41	shot 3			<LOD		0	NA	
8:29:19	shot 1			<LOD		0	NA	
8:31:44	shot 2			<LOD		0	NA	
8:34:30	shot 3			<LOD		0	NA	
13:06:25								
13:07:06								
13:08:33	shot 1			<LOD		0	NA	
13:12:31	shot 2			<LOD		0	NA	
13:15:03	shot 3			<LOD		0	NA	
13:18:05	shot 1			<LOD		0	NA	
13:20:11	shot 2			<LOD		0	NA	
13:22:34	shot 3			<LOD		0	NA	
13:24:45	shot 1			<LOD		0	NA	
13:28:29	shot 2			<LOD		0	NA	
13:30:59	shot 3			<LOD		0	NA	
13:33:24	shot 1			<LOD		0	NA	
13:36:27	shot 2			<LOD		0	NA	
13:39:11	shot 3			<LOD		0	NA	
13:42:00	shot 1			<LOD		0	NA	
13:44:19	shot 2			<LOD		0	NA	

13:47:36	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3015	309	Pass	<LOD	100
	NA			3122	307	Pass	<LOD	96
	NA			3541	386	Pass	<LOD	132
	NA			2875	408	Pass	173	40
	NA			2907	419	Pass	185	41
	NA			2668	406	Pass	146	39
	NA			3040	450	Pass	174	43
	NA			2454	443	Pass	132	42
	NA			3129	447	Pass	219	44
	NA			1255	411	Pass	<LOD	116
	NA			2270	408	Pass	119	39
	NA			1777	410	Pass	150	40
	NA			2637	356	Pass	161	37
	NA			2573	356	Pass	171	38
	NA			2543	361	Pass	137	37
	NA			3270	421	Pass	<LOD	119
	NA			3468	414	Pass	189	41
	NA			3280	426	Pass	<LOD	120
	NA			3682	338	Pass	<LOD	94
	NA			3334	326	Pass	<LOD	89
	NA			3440	337	Pass	<LOD	91
	NA			4029	291	Pass	99	28
	NA			4228	300	Pass	<LOD	82
	NA			3935	299	Pass	<LOD	81
	NA			4310	302	Pass	99	28
	NA			4923	311	Pass	<LOD	78
	NA			3920	305	Pass	<LOD	81
	NA			6133	333	Pass	<LOD	79
	NA			5751	325	Pass	<LOD	82
	NA			5581	328	Pass	<LOD	85
	NA			4740	305	Pass	146	30
	NA			4125	302	Pass	<LOD	83
	NA			4244	308	Pass	112	29
	NA			4049	285	Pass	<LOD	77
	NA			4405	282	Pass	<LOD	78
	NA			4286	286	Pass	<LOD	82
	NA			4505	288	Pass	<LOD	79
	NA			4406	288	Pass	<LOD	77
	NA			4120	278	Pass	<LOD	77
	NA			4134	285	Pass	87	27
	NA			4042	285	Pass	<LOD	80
	NA			4062	287	Pass	102	28
	NA			4288	283	Pass	<LOD	74
	NA			4295	275	Pass	97	26
	NA			4578	287	Pass	<LOD	78
	NA			4056	281	Pass	<LOD	77
	NA			4193	282	Pass	<LOD	77

NA	4641	287	Pass	<LOD	78

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	429	31	Pass	32593	320	Pass	<LOD	170
	492	32	Pass	25354	264	Pass	<LOD	155
	10393	160	Pass	38941	428	Pass	<LOD	208
Pass	728	36	Pass	25635	256	Pass	<LOD	148
Pass	788	37	Pass	27379	273	Pass	<LOD	153
Pass	777	36	Pass	25919	259	Pass	<LOD	151
Pass	845	40	Pass	29538	300	Pass	<LOD	167
Pass	927	40	Pass	29010	293	Pass	<LOD	164
Pass	911	41	Pass	28748	295	Pass	<LOD	164
	812	37	Pass	26536	267	Pass	<LOD	153
Pass	829	37	Pass	24549	251	Pass	<LOD	147
Pass	737	36	Pass	25983	263	Pass	<LOD	150
Pass	939	39	Pass	25877	264	Pass	<LOD	150
Pass	923	39	Pass	26557	273	Pass	<LOD	154
Pass	1086	42	Pass	25545	263	Pass	<LOD	152
	903	39	Pass	29872	296	Pass	<LOD	163
Pass	877	39	Pass	28729	290	Pass	<LOD	162
	845	39	Pass	29750	301	Pass	<LOD	164
	721	32	Pass	15074	161	Pass	<LOD	112
	767	32	Pass	14716	154	Pass	<LOD	108
	752	33	Pass	14489	156	Pass	<LOD	110
Pass	693	30	Pass	12201	134	Pass	<LOD	100
	774	32	Pass	12076	135	Pass	<LOD	101
	674	30	Pass	12173	135	Pass	<LOD	100
Pass	659	30	Pass	11921	132	Pass	<LOD	98
	622	30	Pass	12142	136	Pass	<LOD	99
	665	30	Pass	12491	138	Pass	<LOD	101
	620	30	Pass	12710	142	Pass	<LOD	102
	601	29	Pass	12253	137	Pass	<LOD	102
	682	31	Pass	12520	140	Pass	<LOD	104
Pass	462	27	Pass	11402	129	Pass	<LOD	96
	552	28	Pass	11400	127	Pass	<LOD	94
Pass	501	27	Pass	11226	128	Pass	<LOD	97
	867	33	Pass	11053	124	Pass	<LOD	96
	852	32	Pass	10547	119	Pass	<LOD	92
	788	32	Pass	11420	129	Pass	<LOD	97
	720	31	Pass	11820	134	Pass	<LOD	101
	679	30	Pass	11344	129	Pass	<LOD	97
	669	30	Pass	10314	119	Pass	<LOD	92
Pass	1025	36	Pass	8548	105	Pass	<LOD	85
	1054	37	Pass	9209	112	Pass	<LOD	90
Pass	994	36	Pass	8910	110	Pass	<LOD	90
	783	32	Pass	9647	113	Pass	<LOD	88
Pass	841	32	Pass	9849	113	Pass	<LOD	88
	806	32	Pass	9816	113	Pass	<LOD	90
	860	33	Pass	9759	113	Pass	<LOD	90
	868	32	Pass	9968	113	Pass	<LOD	88

899	33 Pass	9379	111 Pass	<LOD	88

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	72	11	Pass	23	7	Pass	99	5
	39	11	Pass	107	9	Pass	311	9
	45	14	Pass	3022	46	Pass	7162	82
	<LOD	29		25	7	Pass	591	12
	<LOD	30		36	7	Pass	593	12
	<LOD	30		34	7	Pass	569	12
	52	11	Pass	61	8	Pass	791	15
	56	11	Pass	50	8	Pass	727	14
	56	11	Pass	46	8	Pass	741	15
	59	11	Pass	30	7	Pass	626	13
	31	10	Pass	36	7	Pass	629	13
	35	10	Pass	27	7	Pass	646	13
	48	10	Pass	51	8	Pass	916	16
	65	11	Pass	56	8	Pass	933	17
	45	10	Pass	59	8	Pass	916	16
	39	11	Pass	53	8	Pass	956	16
	<LOD	32		43	8	Pass	921	16
	39	11	Pass	47	8	Pass	996	17
	35	9	Pass	19	6	Pass	428	10
	<LOD	25		35	6	Pass	415	10
	35	9	Pass	<LOD	19		399	10
	<LOD	24		28	6	Pass	599	12
	<LOD	24		27	6	Pass	610	12
	<LOD	24		35	7	Pass	621	12
	<LOD	24		22	6	Pass	195	7
	<LOD	24		25	6	Pass	246	8
	<LOD	24		21	6	Pass	198	7
	<LOD	25		26	7	Pass	2536	30
	<LOD	25		27	7	Pass	2454	29
	28	9	Pass	23	7	Pass	2705	32
	<LOD	25		29	7	Pass	1387	20
	<LOD	24		<LOD	18		1394	20
	<LOD	25		27	7	Pass	1385	20
	<LOD	24		93	8	Pass	159	6
	<LOD	24		56	7	Pass	182	6
	<LOD	25		76	7	Pass	170	6
	<LOD	25		<LOD	17		63	4
	<LOD	23		<LOD	18		58	4
	<LOD	23		<LOD	18		52	4
	<LOD	23		51	7	Pass	134	6
	<LOD	23		29	6	Pass	134	6
	<LOD	23		36	7	Pass	138	6
	<LOD	23		19	6	Pass	63	4
	<LOD	22		<LOD	18		69	4
	<LOD	24		<LOD	17		62	4
	<LOD	23		18	6	Pass	244	7
	<LOD	22		<LOD	17		228	7

<LOD	23	<LOD	18	235	7

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	14	2	Pass	<LOD	3		90	2
Pass	94	9	Pass	<LOD	5		115	3
Pass	665	24	Pass	<LOD	10		124	3
Pass	25	6	Pass	<LOD	4		53	2
Pass	27	6	Pass	<LOD	4		56	2
Pass	22	6	Pass	<LOD	4		55	2
Pass	36	8	Pass	<LOD	5		60	2
Pass	30	7	Pass	<LOD	4		59	2
Pass	44	8	Pass	<LOD	5		59	2
Pass	21	6	Pass	<LOD	4		48	2
Pass	22	6	Pass	<LOD	4		47	2
Pass	19	6	Pass	<LOD	4		50	2
Pass	19	5	Pass	<LOD	4		47	2
Pass	20	5	Pass	<LOD	4		47	2
Pass	15	5	Pass	<LOD	3		51	2
Pass	<LOD	23		5	2	Pass	58	2
Pass	31	8	Pass	<LOD	5		60	2
Pass	39	8	Pass	<LOD	4		59	2
Pass	<LOD	15		<LOD	3		52	2
Pass	<LOD	15		<LOD	3		53	2
Pass	<LOD	15		<LOD	3		49	2
Pass	<LOD	12		<LOD	3		57	2
Pass	<LOD	12		<LOD	3		54	2
Pass	20	4	Pass	<LOD	3		55	2
Pass	<LOD	12		<LOD	3		58	2
Pass	<LOD	12		<LOD	3		58	2
Pass	<LOD	12		<LOD	3		55	2
Pass	15	4	Pass	<LOD	3		56	2
Pass	<LOD	13		<LOD	3		55	2
Pass	<LOD	14		<LOD	3		60	2
Pass	<LOD	10		<LOD	3		54	2
Pass	<LOD	10		<LOD	3		50	2
Pass	<LOD	10		<LOD	3		55	2
Pass	<LOD	17		<LOD	3		61	2
Pass	<LOD	16		<LOD	3		60	2
Pass	<LOD	17		<LOD	4		65	2
Pass	<LOD	7		<LOD	3		61	2
Pass	<LOD	7		<LOD	3		62	2
Pass	<LOD	7		<LOD	3		58	2
Pass	<LOD	9		<LOD	3		48	2
Pass	<LOD	10		<LOD	3		48	2
Pass	<LOD	9		<LOD	3		49	2
Pass	<LOD	6		<LOD	3		55	2
Pass	<LOD	6		<LOD	3		61	2
Pass	<LOD	7		<LOD	3		60	2
Pass	<LOD	7		<LOD	3		59	2
Pass	<LOD	7		<LOD	3		58	2

Pass	<LOD	7	<LOD	3	57	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	233	4	Pass	81	3	Pass	<LOD	7
Pass	259	4	Pass	266	5	Pass	<LOD	8
Pass	337	6	Pass	49	4	Pass	21	3
Pass	115	3	Pass	192	4	Pass	<LOD	7
Pass	117	3	Pass	183	4	Pass	<LOD	8
Pass	118	3	Pass	186	4	Pass	13	3
Pass	129	3	Pass	237	5	Pass	<LOD	8
Pass	127	3	Pass	234	5	Pass	<LOD	8
Pass	130	3	Pass	226	5	Pass	<LOD	8
Pass	125	3	Pass	133	4	Pass	<LOD	7
Pass	123	3	Pass	147	4	Pass	<LOD	7
Pass	129	3	Pass	140	4	Pass	<LOD	8
Pass	116	3	Pass	148	4	Pass	<LOD	8
Pass	115	3	Pass	137	4	Pass	<LOD	8
Pass	107	3	Pass	136	4	Pass	<LOD	8
Pass	112	3	Pass	240	5	Pass	9	3
Pass	107	3	Pass	222	4	Pass	8	3
Pass	112	3	Pass	221	4	Pass	<LOD	8
Pass	104	2	Pass	394	5	Pass	<LOD	7
Pass	102	2	Pass	408	5	Pass	<LOD	7
Pass	102	2	Pass	400	5	Pass	<LOD	7
Pass	98	2	Pass	519	6	Pass	9	2
Pass	102	2	Pass	533	6	Pass	<LOD	8
Pass	98	2	Pass	525	6	Pass	<LOD	8
Pass	84	2	Pass	523	6	Pass	8	3
Pass	84	2	Pass	536	6	Pass	<LOD	8
Pass	84	2	Pass	550	7	Pass	<LOD	8
Pass	89	2	Pass	532	6	Pass	9	3
Pass	86	2	Pass	517	6	Pass	<LOD	8
Pass	89	2	Pass	538	7	Pass	<LOD	8
Pass	88	2	Pass	590	7	Pass	<LOD	8
Pass	87	2	Pass	571	7	Pass	<LOD	7
Pass	87	2	Pass	573	7	Pass	8	3
Pass	70	2	Pass	572	7	Pass	10	3
Pass	74	2	Pass	558	6	Pass	10	2
Pass	68	2	Pass	591	7	Pass	<LOD	8
Pass	78	2	Pass	491	6	Pass	13	3
Pass	81	2	Pass	498	6	Pass	15	3
Pass	75	2	Pass	498	6	Pass	9	3
Pass	206	3	Pass	473	6	Pass	<LOD	8
Pass	216	4	Pass	499	6	Pass	10	3
Pass	216	4	Pass	485	6	Pass	<LOD	8
Pass	70	2	Pass	616	7	Pass	14	3
Pass	74	2	Pass	608	7	Pass	10	3
Pass	69	2	Pass	604	7	Pass	10	3
Pass	81	2	Pass	546	6	Pass	12	3
Pass	80	2	Pass	555	6	Pass	10	2

Pass	76	2	Pass	552	6	Pass	12	3

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	29		<LOD	36		<LOD	57
	<LOD	31		59	13	Pass	<LOD	62
Pass	37	11	Pass	<LOD	42		<LOD	68
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	58
Pass	<LOD	29		<LOD	36		<LOD	58
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	31		<LOD	38		<LOD	63
	<LOD	29		<LOD	36		<LOD	59
	<LOD	30		<LOD	36		<LOD	60
	<LOD	30		<LOD	36		<LOD	59
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	60
	<LOD	30		<LOD	37		<LOD	61
	<LOD	28		<LOD	35		<LOD	56
	<LOD	27		<LOD	34		<LOD	55
	<LOD	28		<LOD	35		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	27		<LOD	34		<LOD	55
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	27		<LOD	34		<LOD	56
Pass	<LOD	27		<LOD	34		<LOD	55

Pass	<LOD	28	<LOD	34	<LOD	56

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			978	194
	<LOD	66		NA			730	189
	<LOD	71		NA			733	239
	<LOD	62		NA			6257	293
	<LOD	61		NA			6628	303
	<LOD	61		NA			6239	293
	<LOD	65		NA			7373	326
	<LOD	65		NA			7680	326
	<LOD	66		NA			7066	323
	<LOD	62		NA			7420	310
	<LOD	62		NA			6508	299
	<LOD	62		NA			6862	304
	<LOD	64		NA			3424	245
	<LOD	65		NA			3287	245
	<LOD	64		NA			3647	250
	<LOD	64		NA			6133	299
	<LOD	63		NA			5403	290
	<LOD	64		NA			5984	302
	<LOD	59		NA			3104	224
	<LOD	57		NA			3209	219
	<LOD	59		NA			3265	225
	<LOD	59		NA			1092	176
	<LOD	60		NA			1173	181
	<LOD	59		NA			1431	184
	<LOD	59		NA			1260	182
	<LOD	60		NA			1060	182
	<LOD	60		NA			1613	189
	<LOD	61		NA			913	187
	<LOD	61		NA			943	185
	<LOD	61		NA			1077	190
	<LOD	60		NA			949	179
	<LOD	59		NA			1502	185
	<LOD	60		NA			1505	189
	<LOD	59		NA			833	169
	<LOD	58		NA			606	163
	<LOD	60		NA			581	166
	<LOD	59		NA			<LOD	489
	<LOD	59		NA			538	165
	<LOD	59		NA			<LOD	480
	<LOD	61		NA			741	167
	<LOD	61		NA			688	167
	<LOD	62		NA			615	167
	<LOD	60		NA			589	163
	<LOD	59		NA			<LOD	472
	<LOD	59		NA			677	165
	<LOD	59		NA			834	166
	<LOD	58		NA			896	167

<LOD	59	NA		504	163

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	10		<LOD	9		16	3
Pass	<LOD	19		<LOD	22		1197	18
Pass	50	15	Pass	<LOD	50		5773	66
Pass	<LOD	14		<LOD	15		510	10
Pass	<LOD	14		<LOD	15		543	11
Pass	<LOD	14		16	5	Pass	511	10
Pass	<LOD	17		22	6	Pass	808	14
Pass	<LOD	16		<LOD	18		780	13
Pass	<LOD	17		<LOD	19		768	13
Pass	<LOD	14		<LOD	14		451	10
Pass	<LOD	14		<LOD	15		446	10
Pass	<LOD	14		<LOD	15		448	10
Pass	<LOD	13		<LOD	13		323	8
Pass	<LOD	14		<LOD	13		313	8
Pass	<LOD	13		<LOD	13		318	8
Pass	<LOD	17		<LOD	19		912	15
Pass	<LOD	18		<LOD	18		843	14
Pass	<LOD	17		<LOD	19		859	14
Pass	<LOD	13		<LOD	13		415	9
Pass	<LOD	12		<LOD	13		419	9
Pass	<LOD	12		<LOD	13		413	9
Pass	<LOD	12		<LOD	11		244	7
Pass	<LOD	12		<LOD	12		247	7
Pass	<LOD	11		<LOD	11		230	7
Pass	<LOD	11		<LOD	11		238	7
Pass	<LOD	11		<LOD	11		242	7
Pass	<LOD	11		<LOD	11		250	7
Pass	<LOD	13		<LOD	12		295	7
Pass	<LOD	13		<LOD	12		286	7
Pass	<LOD	14		<LOD	13		322	8
Pass	<LOD	12		<LOD	11		170	6
Pass	<LOD	12		11	4	Pass	172	6
Pass	<LOD	12		<LOD	10		182	6
Pass	<LOD	13		<LOD	14		528	10
Pass	<LOD	13		<LOD	14		535	10
Pass	<LOD	13		<LOD	15		524	10
	<LOD	10		<LOD	8		52	4
Pass	<LOD	9		<LOD	8		49	4
	<LOD	9		<LOD	8		49	4
Pass	<LOD	10		<LOD	10		128	5
Pass	<LOD	11		<LOD	10		157	6
Pass	<LOD	10		<LOD	10		126	5
Pass	<LOD	9		<LOD	8		42	3
	<LOD	10		<LOD	8		50	4
Pass	<LOD	10		<LOD	8		48	4
Pass	<LOD	9		<LOD	8		65	4
Pass	<LOD	9		<LOD	8		57	4

Pass	<LOD	9	<LOD	8	61	4

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019823			224			47.35	
Pass							56.83	testing
Pass							54.83	testing
Pass							55.11	testing
Pass							54.29	testing
Pass							55.95	testing
Pass							54.14	testing
Pass							53.75	testing
Pass							55.15	testing
Pass							54.59	testing
Pass							54.14	testing
Pass							54.4	testing
Pass							54.68	testing
Pass							54.44	testing
Pass							54.13	testing
Pass							54.34	testing
Pass							53.08	testing
Pass							54.08	testing
Pass							54.35	testing
Pass							53.76	testing
Pass							53.95	testing
Pass							53.41	testing
Pass							53.84	testing
Pass							52.61	testing
Pass							52.88	testing
Pass							52.6	testing
Pass							52.97	testing
Pass							52.65	testing
Pass							53	testing
Pass							52.97	testing
Pass							52.69	testing
Pass							52.63	testing
Pass							52.48	testing
Pass							53.79	testing
	0			0			0.87	
	0.019813			227			47.13	
Pass							52.11	testing
Pass							53.18	testing
Pass							52.2	testing
Pass							54.29	testing
Pass							53.26	testing
Pass							53.53	testing
Pass							53.8	testing
Pass							53.99	testing
Pass							53.51	testing
Pass							52.61	testing
Pass							51.74	testing
Pass							51.92	testing
Pass							53.59	testing
Pass							52.97	testing

Pass 52.64 testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
31-Jul-08	1			-0.016284			PASS	Standardiz
31-Jul-08	2				NIST2709	low		Soil
31-Jul-08	3				NIST2711	medium		Soil
31-Jul-08	4				NIST2710	high		Soil
31-Jul-08	5				20918	F1		Soil
31-Jul-08	6				20918	F1		Soil
31-Jul-08	7				20918	F1		Soil
31-Jul-08	8				20918	F2		Soil
31-Jul-08	9				20918	F2		Soil
31-Jul-08	10				20918	F2		Soil
31-Jul-08	11				20918	B1		Soil
31-Jul-08	12				20918	B1		Soil
31-Jul-08	13				20918	B1		Soil
31-Jul-08	14				20918	B2		Soil
31-Jul-08	15				20918	B2		Soil
31-Jul-08	16				20918	B2		Soil
31-Jul-08	17				20918	B2-bioaccess		Soil
31-Jul-08	18				20918	B2-bioaccess		Soil
31-Jul-08	19				20918	B2-bioaccess		Soil
31-Jul-08	20				20918	DZ		Soil
31-Jul-08	21				20918	DZ		Soil
31-Jul-08	22				20918	DZ		Soil
31-Jul-08	23				20918	DW		Soil
31-Jul-08	24				20918	DW		Soil
31-Jul-08	25				20918	DW		Soil
31-Jul-08	26			0				Standardiz
31-Jul-08	27			-0.016742			PASS	Standardiz
31-Jul-08	28				20437	DW		Soil
31-Jul-08	29				20437	DW		Soil
31-Jul-08	30				20437	DW		Soil
31-Jul-08	31				30400	F1		Soil
31-Jul-08	32				30400	F1		Soil
31-Jul-08	33				30400	F1		Soil
31-Jul-08	34				30400	F2		Soil
31-Jul-08	35				30400	F2		Soil
31-Jul-08	36				30400	F2		Soil
31-Jul-08	37				30400	B1		Soil
31-Jul-08	38				30400	B1		Soil
31-Jul-08	39				30400	B1		Soil
31-Jul-08	40				30400	B2		Soil
31-Jul-08	41				30400	B2		Soil
31-Jul-08	42				30400	B2		Soil
31-Jul-08	43				30400	DZ		Soil
31-Jul-08	44				30400	DZ		Soil
31-Jul-08	45				30400	DZ		Soil
31-Jul-08	46				5029	F1		Soil
31-Jul-08	47				5029	F1		Soil
31-Jul-08	48				5029	F1		Soil
31-Jul-08	49				20758	F1		Soil
31-Jul-08	50				5029	F2		Soil

31-Jul-08	51	5029	F2	Soil
31-Jul-08	52	5029	B1	Soil
31-Jul-08	53	5029	B1	Soil
31-Jul-08	54	5029	B1	Soil
31-Jul-08	55	5029	B2	Soil
31-Jul-08	56	5029	B2	Soil
31-Jul-08	57	5029	B2	Soil
31-Jul-08	58	5029	DZ	Soil
31-Jul-08	59	5029	DZ	Soil
31-Jul-08	60	5029	DZ	Soil
31-Jul-08	61	5029	PZ	Soil
31-Jul-08	62	5029	PZ	Soil
31-Jul-08	63	5029	PZ	Soil
31-Jul-08	64	5040	F1	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
7:15:55								
7:17:21				<LOD		0	NA	
7:20:39				<LOD		0	NA	
7:28:38				<LOD		0	NA	
7:37:15	shot 1			<LOD		0	NA	
7:39:35	shot 2			<LOD		0	NA	
7:42:09	shot 3			<LOD		0	NA	
7:46:39	shot 1			<LOD		0	NA	
7:49:02	shot 2			<LOD		0	NA	
7:52:07	shot 3			<LOD		0	NA	
7:54:30	shot 1			<LOD		0	NA	
7:56:50	shot 2			<LOD		0	NA	
8:00:18	shot 3			<LOD		0	NA	
8:03:15	shot 1			<LOD		0	NA	
8:05:55	shot 2			<LOD		0	NA	
8:08:56	shot 3			<LOD		0	NA	
8:11:18	shot 1			<LOD		0	NA	
8:13:41	shot 2			<LOD		0	NA	
8:16:10	shot 3			<LOD		0	NA	
8:22:29	shot 1			<LOD		0	NA	
8:25:05	shot 2			<LOD		0	NA	
8:27:23	shot 3			<LOD		0	NA	
8:29:38	shot 1			<LOD		0	NA	
8:32:07	shot 2			<LOD		0	NA	
8:34:26	shot 3			<LOD		0	NA	
15:48:46								
15:50:06								
15:51:42	shot 1			<LOD		0	NA	
16:14:16	shot 2			<LOD		0	NA	
16:16:39	shot 3			<LOD		0	NA	
16:38:06	shot 1			<LOD		0	NA	
16:40:20	shot 2			<LOD		0	NA	
16:42:55	shot 3			<LOD		0	NA	
16:45:08	shot 1			<LOD		0	NA	
16:47:32	shot 2			<LOD		0	NA	
16:50:07	shot 3			<LOD		0	NA	
16:52:48	shot 1			<LOD		0	NA	
16:55:06	shot 2			<LOD		0	NA	
16:57:23	shot 3			<LOD		0	NA	
16:59:51	shot 1			<LOD		0	NA	
17:02:46	shot 2			<LOD		0	NA	
17:05:08	shot 3			<LOD		0	NA	
17:07:24	shot 1			<LOD		0	NA	
17:09:43	shot 2			<LOD		0	NA	
17:12:06	shot 3			<LOD		0	NA	
17:15:12	shot 1			<LOD		0	NA	
17:18:58	shot 2			<LOD		0	NA	
17:21:24	shot 3			<LOD		0	NA	
17:23:47	shot 2			<LOD		0	NA	
17:25:54	shot 2			<LOD		0	NA	

17:28:07	shot 3	<LOD	0	NA
17:30:38	shot 1	<LOD	0	NA
17:32:59	shot 2	<LOD	0	NA
17:35:11	shot 3	<LOD	0	NA
17:37:35	shot 1	<LOD	0	NA
17:39:53	shot 2	<LOD	0	NA
17:42:06	shot 3	<LOD	0	NA
17:44:23	shot 1	<LOD	0	NA
17:46:48	shot 2	<LOD	0	NA
17:48:58	shot 3	<LOD	0	NA
17:51:19	shot 1	<LOD	0	NA
17:53:37	shot 2	<LOD	0	NA
17:55:54	shot 3	<LOD	0	NA
17:59:52	shot 1	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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NA	NA	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3043	318	Pass	<LOD	101
	NA			2700	310	Pass	<LOD	98
	NA			3026	368	Pass	<LOD	124
	NA			2666	374	Pass	111	36
	NA			1835	376	Pass	<LOD	108
	NA			2393	376	Pass	195	39
	NA			3063	508	Pass	183	48
	NA			3078	529	Pass	168	48
	NA			3182	516	Pass	184	48
	NA			<LOD	2094		381	66
	NA			<LOD	2128		445	68
	NA			<LOD	2280		430	71
	NA			<LOD	2216		378	69
	NA			<LOD	2259		342	69
	NA			<LOD	2242		341	68
	NA			<LOD	2254		344	69
	NA			<LOD	2288		459	72
	NA			<LOD	2222		514	71
	NA			2382	545	Pass	224	52
	NA			2271	626	Pass	241	57
	NA			<LOD	1711		166	53
	NA			1369	358	Pass	170	38
	NA			1452	357	Pass	174	38
	NA			1363	364	Pass	126	37
	NA			<LOD	2902		331	81
	NA			<LOD	3052		384	85
	NA			<LOD	2934		244	81
	NA			3559	325	Pass	<LOD	89
	NA			3476	323	Pass	<LOD	88
	NA			4072	323	Pass	137	31
	NA			4466	300	Pass	<LOD	81
	NA			4477	298	Pass	<LOD	79
	NA			4722	313	Pass	127	30
	NA			4841	300	Pass	<LOD	76
	NA			4700	302	Pass	85	28
	NA			4050	296	Pass	124	29
	NA			3816	279	Pass	<LOD	77
	NA			4522	291	Pass	<LOD	75
	NA			3916	280	Pass	<LOD	77
	NA			4422	294	Pass	89	27
	NA			4771	299	Pass	<LOD	75
	NA			4921	300	Pass	86	27
	NA			4081	334	Pass	176	33
	NA			3555	353	Pass	<LOD	96
	NA			4053	343	Pass	101	31
	NA			3886	402	Pass	185	38
	NA			4007	398	Pass	114	36

NA	4010	401	Pass		156	37
NA	4046	302	Pass		105	29
NA	4629	308	Pass		101	28
NA	4461	302	Pass		95	28
NA	4038	296	Pass	<LOD		76
NA	4388	288	Pass		82	27
NA	4237	293	Pass	<LOD		81
NA	4478	307	Pass		122	30
NA	3935	302	Pass		104	30
NA	3490	306	Pass	<LOD		85
NA	4502	288	Pass	<LOD		78
NA	4092	284	Pass	<LOD		78
NA	4852	289	Pass	<LOD		71
NA	4786	298	Pass		107	29

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	437	31	Pass	32464	321	Pass	<LOD	171
	497	32	Pass	25300	263	Pass	<LOD	152
	10338	158	Pass	37973	415	Pass	<LOD	201
Pass	624	33	Pass	25294	251	Pass	<LOD	144
	650	34	Pass	25655	256	Pass	<LOD	148
Pass	630	34	Pass	25839	257	Pass	<LOD	149
Pass	803	41	Pass	34167	350	Pass	<LOD	182
Pass	684	39	Pass	32446	332	Pass	<LOD	175
Pass	758	40	Pass	33667	346	Pass	<LOD	182
Pass	1120	51	Pass	46792	483	Pass	<LOD	219
Pass	1002	50	Pass	49354	511	Pass	<LOD	229
Pass	972	51	Pass	49722	524	Pass	<LOD	232
Pass	992	51	Pass	50114	521	Pass	<LOD	230
Pass	893	50	Pass	50574	526	Pass	<LOD	231
Pass	990	51	Pass	52333	537	Pass	<LOD	233
Pass	1005	52	Pass	52778	548	Pass	<LOD	236
Pass	1019	52	Pass	51271	540	Pass	<LOD	237
Pass	918	50	Pass	50565	517	Pass	<LOD	229
Pass	987	45	Pass	38609	391	Pass	<LOD	193
Pass	879	45	Pass	38748	403	Pass	<LOD	201
Pass	994	46	Pass	40114	411	Pass	<LOD	200
Pass	814	36	Pass	24781	248	Pass	<LOD	146
Pass	799	36	Pass	24385	242	Pass	<LOD	142
Pass	832	37	Pass	24595	248	Pass	<LOD	145
Pass	1202	56	Pass	21787	266	Pass	<LOD	164
Pass	1062	55	Pass	21301	264	Pass	<LOD	161
Pass	891	51	Pass	22150	267	Pass	<LOD	160
	919	34	Pass	11953	131	Pass	<LOD	97
	961	35	Pass	11293	126	Pass	<LOD	95
Pass	925	34	Pass	11650	129	Pass	<LOD	97
	875	33	Pass	11235	126	Pass	<LOD	96
	878	34	Pass	11264	128	Pass	<LOD	96
Pass	852	34	Pass	11282	129	Pass	<LOD	99
	755	31	Pass	9992	117	Pass	<LOD	91
Pass	822	33	Pass	10606	122	Pass	<LOD	93
Pass	841	33	Pass	10457	120	Pass	<LOD	92
	878	33	Pass	9321	109	Pass	<LOD	87
	818	32	Pass	9753	114	Pass	<LOD	90
	829	32	Pass	9478	111	Pass	<LOD	88
Pass	744	31	Pass	10655	122	Pass	<LOD	94
	748	31	Pass	10537	121	Pass	<LOD	94
Pass	756	31	Pass	10495	120	Pass	<LOD	93
Pass	613	30	Pass	12684	138	Pass	<LOD	101
	535	29	Pass	12967	144	Pass	<LOD	103
Pass	616	30	Pass	12989	143	Pass	<LOD	103
Pass	954	38	Pass	18335	195	Pass	<LOD	128
Pass	925	38	Pass	17148	185	Pass	<LOD	123

Pass	937	38	Pass	17858	190	Pass	<LOD	125
Pass	552	28	Pass	10732	121	Pass	<LOD	94
Pass	504	27	Pass	10929	124	Pass	<LOD	95
Pass	596	29	Pass	10777	122	Pass	<LOD	94
	566	28	Pass	10618	121	Pass	<LOD	94
Pass	491	27	Pass	9507	112	Pass	<LOD	89
	531	27	Pass	10188	118	Pass	<LOD	92
Pass	886	34	Pass	15716	163	Pass	<LOD	111
Pass	801	33	Pass	16475	170	Pass	<LOD	115
	741	32	Pass	15673	165	Pass	<LOD	113
	641	29	Pass	9681	112	Pass	<LOD	89
	604	28	Pass	9543	112	Pass	<LOD	88
	613	28	Pass	9763	113	Pass	<LOD	90
Pass	708	31	Pass	14430	154	Pass	<LOD	110

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	92	12	Pass	<LOD	20		108	6
	<LOD	31		103	9	Pass	318	9
	<LOD	38		3025	45	Pass	6983	80
	33	10	Pass	70	8	Pass	752	14
	44	10	Pass	59	8	Pass	774	14
	<LOD	30		59	8	Pass	733	14
	43	12	Pass	77	9	Pass	1649	25
	50	12	Pass	52	8	Pass	1670	25
	59	12	Pass	65	9	Pass	1660	25
	85	14	Pass	103	10	Pass	1663	26
	81	14	Pass	106	10	Pass	1722	27
	83	15	Pass	122	11	Pass	1632	26
	75	14	Pass	89	10	Pass	1464	24
	48	14	Pass	87	10	Pass	1398	23
	77	14	Pass	105	10	Pass	1541	25
	83	15	Pass	85	10	Pass	1455	24
	79	15	Pass	102	10	Pass	1498	25
	93	15	Pass	83	10	Pass	1398	23
	52	12	Pass	165	10	Pass	1195	20
	38	13	Pass	115	10	Pass	1210	21
	67	13	Pass	131	10	Pass	1269	21
	56	10	Pass	81	8	Pass	685	13
	68	10	Pass	87	8	Pass	682	13
	38	10	Pass	79	8	Pass	665	13
	44	12	Pass	81	10	Pass	650	15
	53	12	Pass	62	9	Pass	674	16
	70	12	Pass	49	9	Pass	522	14
	<LOD	24		<LOD	17		103	5
	<LOD	23		<LOD	17		91	5
	<LOD	24		19	6	Pass	103	5
	<LOD	25		<LOD	18		49	4
	<LOD	24		<LOD	18		47	4
	<LOD	23		23	6	Pass	51	4
	<LOD	24		25	6	Pass	100	5
	25	8	Pass	27	6	Pass	109	5
	<LOD	24		<LOD	17		101	5
	<LOD	24		20	6	Pass	38	4
	<LOD	24		<LOD	18		44	4
	<LOD	23		<LOD	17		42	4
	<LOD	23		<LOD	18		47	4
	<LOD	23		23	6	Pass	49	4
	<LOD	24		<LOD	18		52	4
	<LOD	25		28	6	Pass	203	7
	<LOD	25		28	6	Pass	212	7
	<LOD	25		<LOD	19		210	7
	40	10	Pass	70	8	Pass	611	13
	<LOD	27		95	8	Pass	569	12

<LOD		28			78	8	Pass	575	12
<LOD		23			21	6	Pass	107	5
<LOD		24			27	6	Pass	117	5
<LOD		23			21	6	Pass	121	5
<LOD		24			88	7	Pass	170	6
<LOD		23			84	7	Pass	171	6
	36	8	Pass		98	8	Pass	172	6
<LOD		24			24	6	Pass	275	8
<LOD		26			36	7	Pass	276	8
	31	9	Pass		47	7	Pass	272	8
<LOD		24		<LOD		17		98	5
<LOD		23		<LOD		18		106	5
<LOD		24			25	6	Pass	105	5
<LOD		25			19	6	Pass	85	5

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	14	2	Pass	<LOD	3		93	2
Pass	92	9	Pass	<LOD	5		110	3
Pass	735	24	Pass	<LOD	10		129	4
Pass	37	7	Pass	<LOD	4		52	2
Pass	35	7	Pass	<LOD	4		53	2
Pass	37	7	Pass	<LOD	4		53	2
Pass	42	10	Pass	<LOD	5		51	2
Pass	47	10	Pass	<LOD	5		48	2
Pass	54	10	Pass	<LOD	5		49	2
Pass	135	13	Pass	<LOD	7		48	2
Pass	99	13	Pass	<LOD	7		48	2
Pass	113	13	Pass	<LOD	6		50	2
Pass	114	14	Pass	<LOD	7		46	2
Pass	102	14	Pass	<LOD	7		45	2
Pass	88	14	Pass	<LOD	7		46	2
Pass	111	14	Pass	<LOD	7		50	2
Pass	100	14	Pass	<LOD	7		46	2
Pass	95	14	Pass	<LOD	7		48	2
Pass	56	10	Pass	<LOD	5		52	2
Pass	38	10	Pass	<LOD	6		50	2
Pass	55	11	Pass	<LOD	6		51	2
Pass	27	6	Pass	<LOD	4		36	2
Pass	22	6	Pass	<LOD	4		35	2
Pass	22	6	Pass	<LOD	4		34	2
Pass	79	11	Pass	<LOD	6		20	2
Pass	58	11	Pass	<LOD	6		19	2
Pass	48	11	Pass	<LOD	6		17	2
Pass	<LOD	13		<LOD	3		58	2
Pass	<LOD	13		<LOD	3		57	2
Pass	<LOD	13		<LOD	3		58	2
Pass	<LOD	13		<LOD	3		66	2
Pass	<LOD	13		<LOD	3		62	2
Pass	<LOD	13		<LOD	3		62	2
Pass	<LOD	12		<LOD	3		60	2
Pass	<LOD	12		<LOD	3		60	2
Pass	<LOD	12		<LOD	3		60	2
Pass	<LOD	12		<LOD	3		59	2
Pass	<LOD	12		<LOD	3		60	2
Pass	16	4	Pass	<LOD	3		58	2
Pass	<LOD	12		<LOD	3		64	2
Pass	<LOD	12		<LOD	3		61	2
Pass	<LOD	12		<LOD	3		62	2
Pass	<LOD	10		<LOD	3		45	2
Pass	<LOD	10		<LOD	3		43	2
Pass	<LOD	10		<LOD	3		46	2
Pass	20	6	Pass	<LOD	4		51	2
Pass	<LOD	16		<LOD	4		52	2

Pass	<LOD		17	<LOD	4		51	2
Pass	<LOD		8	<LOD	3		53	2
Pass	<LOD		8	<LOD	3		52	2
Pass	<LOD		8	<LOD	3		56	2
Pass	<LOD		9	<LOD	3		51	2
Pass	<LOD		9	<LOD	3		52	2
Pass	<LOD		9	<LOD	3		51	2
Pass		28	4	Pass	<LOD	3	54	2
Pass		23	4	Pass	<LOD	3	50	2
Pass		24	4	Pass	<LOD	3	53	2
Pass	<LOD		9	<LOD	3		53	2
Pass	<LOD		9	<LOD	3		51	2
Pass	<LOD		9	<LOD	3		53	2
Pass	<LOD		8	<LOD	3		65	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	229	4	Pass	89	4	Pass	<LOD	8
Pass	244	4	Pass	257	5	Pass	<LOD	8
Pass	334	6	Pass	41	4	Pass	14	3
Pass	130	3	Pass	256	5	Pass	9	3
Pass	128	3	Pass	213	4	Pass	<LOD	7
Pass	127	3	Pass	237	4	Pass	10	3
Pass	166	3	Pass	229	5	Pass	<LOD	8
Pass	170	3	Pass	199	4	Pass	<LOD	8
Pass	167	3	Pass	227	5	Pass	<LOD	8
Pass	298	5	Pass	53	4	Pass	<LOD	8
Pass	299	5	Pass	54	4	Pass	8	3
Pass	347	6	Pass	56	4	Pass	<LOD	8
Pass	302	5	Pass	40	4	Pass	<LOD	8
Pass	304	5	Pass	33	4	Pass	<LOD	8
Pass	312	5	Pass	38	4	Pass	13	3
Pass	300	5	Pass	31	4	Pass	9	3
Pass	318	5	Pass	44	4	Pass	15	3
Pass	315	5	Pass	49	4	Pass	<LOD	8
Pass	209	4	Pass	114	4	Pass	<LOD	8
Pass	243	4	Pass	141	4	Pass	<LOD	8
Pass	210	4	Pass	129	4	Pass	<LOD	8
Pass	134	3	Pass	95	3	Pass	<LOD	7
Pass	136	3	Pass	105	3	Pass	<LOD	7
Pass	143	3	Pass	103	3	Pass	<LOD	7
Pass	477	7	Pass	74	4	Pass	13	3
Pass	505	8	Pass	70	4	Pass	<LOD	9
Pass	470	7	Pass	55	4	Pass	<LOD	9
Pass	110	2	Pass	426	5	Pass	<LOD	7
Pass	109	2	Pass	427	6	Pass	<LOD	7
Pass	106	2	Pass	422	5	Pass	8	2
Pass	96	2	Pass	595	7	Pass	9	3
Pass	95	2	Pass	582	7	Pass	8	3
Pass	96	2	Pass	592	7	Pass	11	3
Pass	90	2	Pass	604	7	Pass	12	3
Pass	89	2	Pass	615	7	Pass	12	3
Pass	91	2	Pass	591	7	Pass	9	3
Pass	88	2	Pass	596	7	Pass	13	3
Pass	91	2	Pass	607	7	Pass	14	3
Pass	89	2	Pass	617	7	Pass	15	3
Pass	92	2	Pass	596	7	Pass	<LOD	8
Pass	94	2	Pass	589	7	Pass	9	3
Pass	93	2	Pass	586	7	Pass	<LOD	8
Pass	115	3	Pass	486	6	Pass	<LOD	7
Pass	120	3	Pass	484	6	Pass	<LOD	8
Pass	112	3	Pass	468	6	Pass	9	3
Pass	146	3	Pass	407	6	Pass	11	3
Pass	138	3	Pass	415	6	Pass	9	3

Pass	138	3	Pass	404	6	Pass	<LOD	8
Pass	90	2	Pass	556	6	Pass	<LOD	7
Pass	89	2	Pass	567	7	Pass	11	3
Pass	90	2	Pass	556	6	Pass	<LOD	7
Pass	89	2	Pass	550	6	Pass	10	3
Pass	82	2	Pass	551	7	Pass	<LOD	8
Pass	87	2	Pass	558	7	Pass	<LOD	8
Pass	92	2	Pass	458	6	Pass	11	2
Pass	97	2	Pass	458	6	Pass	12	3
Pass	98	2	Pass	458	6	Pass	8	3
Pass	77	2	Pass	579	7	Pass	10	3
Pass	79	2	Pass	586	7	Pass	10	3
Pass	75	2	Pass	593	7	Pass	11	3
Pass	91	2	Pass	567	7	Pass	12	3

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		<LOD	36		<LOD	58
	<LOD	30		<LOD	38		<LOD	62
Pass	36	11	Pass	<LOD	41		<LOD	67
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	31		<LOD	39		70	21
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	39		75	21
	<LOD	32		48	13	Pass	<LOD	65
Pass	<LOD	33		<LOD	40		<LOD	66
	<LOD	33		<LOD	41		<LOD	68
	<LOD	33		<LOD	40		<LOD	66
	<LOD	33		<LOD	40		<LOD	66
Pass	<LOD	33		<LOD	40		<LOD	65
Pass	<LOD	33		<LOD	40		76	22
Pass	<LOD	33		<LOD	41		<LOD	68
	<LOD	32		<LOD	39		<LOD	66
	<LOD	31		<LOD	38		<LOD	64
	<LOD	32		<LOD	40		<LOD	66
	<LOD	32		<LOD	39		88	22
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	35		<LOD	43		<LOD	72
	<LOD	35		<LOD	43		77	24
	<LOD	35		<LOD	42		<LOD	70
	<LOD	27		<LOD	34		<LOD	54
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	55
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	27		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60

	<LOD	29	<LOD	36	<LOD	59
	<LOD	28	<LOD	34	<LOD	56
Pass	<LOD	28	<LOD	35	<LOD	57
	<LOD	28	<LOD	34	<LOD	57
Pass	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	35	<LOD	57
	<LOD	28	<LOD	35	<LOD	58
Pass	<LOD	27	<LOD	34	<LOD	54
Pass	<LOD	28	<LOD	34	<LOD	56
Pass	<LOD	28	<LOD	35	<LOD	56
Pass	<LOD	27	<LOD	34	<LOD	56
Pass	<LOD	28	<LOD	34	<LOD	57
Pass	<LOD	28	<LOD	34	<LOD	56
Pass	<LOD	28	<LOD	35	<LOD	58

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			1239	202
	<LOD	66		NA			1181	197
	<LOD	70		NA			<LOD	689
	<LOD	62		NA			4809	264
	<LOD	62		NA			5420	274
	<LOD	62		NA			4973	268
Pass	<LOD	66		NA			9746	377
	<LOD	66		NA			11345	398
Pass	<LOD	67		NA			10170	384
	<LOD	68		NA			22620	577
	<LOD	69		NA			22286	580
	<LOD	71		NA			25860	636
	<LOD	69		NA			24844	615
	<LOD	70		NA			25628	626
	<LOD	68		NA			25353	618
Pass	<LOD	70		NA			24491	616
	<LOD	71		NA			25165	630
	<LOD	68		NA			26329	624
	<LOD	67		NA			12349	417
	<LOD	69		NA			16808	493
Pass	<LOD	67		NA			14194	449
	<LOD	62		NA			4930	263
	<LOD	62		NA			5060	262
	<LOD	63		NA			5152	268
	<LOD	75		NA			42847	870
Pass	<LOD	76		NA			46219	921
	<LOD	74		NA			45926	896
	<LOD	57		NA			3115	216
	<LOD	58		NA			3038	215
	<LOD	58		NA			2533	208
	<LOD	60		NA			1200	180
	<LOD	60		NA			928	175
	<LOD	61		NA			1259	187
	<LOD	61		NA			797	173
	<LOD	61		NA			909	176
	<LOD	60		NA			1282	180
	<LOD	59		NA			975	168
	<LOD	59		NA			757	169
	<LOD	59		NA			849	167
	<LOD	58		NA			842	172
	<LOD	58		NA			848	173
	<LOD	59		NA			767	172
	<LOD	60		NA			2939	218
	<LOD	61		NA			3958	240
	<LOD	60		NA			3221	225
	<LOD	63		NA			5292	278
	<LOD	63		NA			5115	274

<LOD	62	NA	5335	277
<LOD	59	NA	1673	188
<LOD	60	NA	1358	185
<LOD	59	NA	1308	182
<LOD	60	NA	1304	180
<LOD	61	NA	680	167
<LOD	61	NA	999	174
<LOD	56	NA	1314	186
<LOD	58	NA	1364	186
<LOD	59	NA	1840	195
<LOD	59	NA	831	168
<LOD	59	NA	869	168
<LOD	59	NA	<LOD	487
<LOD	61	NA	525	170

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	11		9	3	Pass	20	3
Pass	<LOD	19		<LOD	22		1158	17
	47	15	Pass	50	17	Pass	5661	64
Pass	<LOD	15		<LOD	17		688	12
Pass	<LOD	15		17	6	Pass	678	12
Pass	<LOD	15		<LOD	17		678	12
Pass	<LOD	21		<LOD	25		1519	21
Pass	<LOD	21		<LOD	24		1363	20
Pass	<LOD	21		<LOD	24		1389	20
Pass	<LOD	26		<LOD	30		2133	28
Pass	<LOD	27		<LOD	30		2114	28
Pass	<LOD	27		<LOD	30		1975	28
Pass	<LOD	27		<LOD	32		2361	31
Pass	<LOD	26		<LOD	31		2337	31
Pass	<LOD	27		<LOD	32		2436	32
Pass	<LOD	27		<LOD	32		2290	30
Pass	<LOD	28		<LOD	33		2447	32
Pass	<LOD	26		<LOD	31		2363	31
Pass	<LOD	21		<LOD	24		1459	21
Pass	<LOD	21		26	8	Pass	1407	21
Pass	<LOD	22		<LOD	25		1481	21
Pass	<LOD	14		<LOD	15		560	11
Pass	<LOD	15		18	5	Pass	544	10
Pass	<LOD	14		<LOD	15		497	10
Pass	<LOD	23		37	9	Pass	1392	22
Pass	<LOD	23		<LOD	26		1356	22
Pass	<LOD	22		<LOD	25		1297	21
Pass	<LOD	11		<LOD	12		304	7
Pass	<LOD	11		<LOD	12		299	7
Pass	<LOD	11		<LOD	12		297	7
Pass	<LOD	12		<LOD	12		328	8
Pass	<LOD	11		<LOD	12		290	7
Pass	<LOD	12		<LOD	12		301	8
Pass	<LOD	11		<LOD	11		229	7
Pass	<LOD	11		<LOD	11		233	7
Pass	<LOD	11		<LOD	11		242	7
Pass	<LOD	12		14	4	Pass	253	7
Pass	<LOD	11		<LOD	12		263	7
Pass	<LOD	11		<LOD	11		249	7
Pass	<LOD	11		<LOD	12		275	7
Pass	<LOD	11		<LOD	11		252	7
Pass	<LOD	11		<LOD	11		262	7
Pass	<LOD	10		<LOD	10		161	6
Pass	<LOD	11		<LOD	10		166	6
Pass	<LOD	10		<LOD	10		175	6
Pass	<LOD	14		<LOD	15		474	10
Pass	<LOD	14		<LOD	14		442	9

Pass	<LOD	14	<LOD		15		472	10
Pass	<LOD	10	<LOD		9		100	5
Pass	<LOD	10	<LOD		9		98	5
Pass	<LOD	10	<LOD		10		102	5
Pass	<LOD	10	<LOD		9		116	5
Pass	<LOD	10	<LOD		9		115	5
Pass	<LOD	11	<LOD		9		127	5
Pass	<LOD	11	<LOD		11		220	6
Pass	<LOD	11	<LOD		11		234	7
Pass	<LOD	11	<LOD		11		222	6
Pass	<LOD	10	<LOD		10		131	5
Pass	<LOD	11	<LOD		10		131	5
	<LOD	10		16	3	Pass	134	5
Pass	<LOD	10	<LOD		9		81	4

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019818			225			47.1	
Pass							56.42	testing
Pass							54.83	testing
Pass							54.91	testing
Pass							54.11	testing
Pass							53.31	testing
Pass							53.53	testing
Pass							54.71	testing
Pass							54.47	testing
Pass							53.91	testing
Pass							54.66	testing
Pass							55.04	testing
Pass							55.22	testing
Pass							55.03	testing
Pass							55.23	testing
Pass							55.92	testing
Pass							55.23	testing
Pass							55.67	testing
Pass							55.71	testing
Pass							54.55	testing
Pass							55.44	testing
Pass							55.08	testing
Pass							53.65	testing
Pass							54.27	testing
Pass							53.84	testing
	0			0			0.88	
	0.019806			224			47.13	
Pass							56.95	testing
Pass							57.15	testing
Pass							57.02	testing
Pass							53.4	testing
Pass							52.96	testing
Pass							53.29	testing
Pass							52.03	testing
Pass							52.64	testing
Pass							52.47	testing
Pass							52.06	testing
Pass							52.69	testing
Pass							53.22	testing
Pass							53.08	testing
Pass							52.61	testing
Pass							52.26	testing
Pass							53.36	testing
Pass							53.69	testing
Pass							52.87	testing
Pass							52.55	testing
Pass							52.87	testing
Pass							52.82	testing
Pass							53.74	testing
Pass							53.63	testing

Pass	53.61	testing
Pass	52.15	testing
Pass	52.35	testing
Pass	52.22	testing
Pass	52.16	testing
Pass	52.67	testing
Pass	51.91	testing
Pass	53.34	testing
Pass	52.97	testing
Pass	53.54	testing
Pass	51.74	testing
Pass	52.16	testing
Pass	52.44	testing
Pass	52.33	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
1-Aug-08	1			-0.020394			PASS	Standardiz
1-Aug-08	2				NIST2709	low		Soil
1-Aug-08	3				NIST2711	medium		Soil
1-Aug-08	4				NIST2710	high		Soil
1-Aug-08	5				30965	F1		Soil
1-Aug-08	6				30965	F1		Soil
1-Aug-08	7				30965	F1		Soil
1-Aug-08	8				30965	F2		Soil
1-Aug-08	9				30965	F2		Soil
1-Aug-08	10				30965	F2		Soil
1-Aug-08	11				30965	B1		Soil
1-Aug-08	12				30965	B1		Soil
1-Aug-08	13				30965	B1		Soil
1-Aug-08	14				30965	B2		Soil
1-Aug-08	15				30965	B2		Soil
1-Aug-08	16				30965	B2		Soil
1-Aug-08	17				30965	DZ		Soil
1-Aug-08	18				30965	DZ		Soil
1-Aug-08	19				30965	DZ		Soil
1-Aug-08	20				30965	PZ		Soil
1-Aug-08	21				30965	PZ		Soil
1-Aug-08	22				30965	PZ		Soil
1-Aug-08	23				30965	DW		Soil
1-Aug-08	24				30965	DW		Soil
1-Aug-08	25				30965	DW		Soil
1-Aug-08	26				5035A	F1		Soil
1-Aug-08	27				5035A	F1		Soil
1-Aug-08	28				5035A	F1		Soil
1-Aug-08	29				5035A	F2		Soil
1-Aug-08	30				5035A	F2		Soil
1-Aug-08	31				5035A	F2		Soil
1-Aug-08	32				5035A	B1		Soil
1-Aug-08	33				5035A	B1		Soil
1-Aug-08	34				5035A	B1		Soil
1-Aug-08	35				5035A	B2		Soil
1-Aug-08	36				5035A	B2		Soil
1-Aug-08	37				5035A	B2		Soil
1-Aug-08	38				5035A	DZ		Soil
1-Aug-08	39				5035A	DZ		Soil
1-Aug-08	40				5035A	DZ		Soil
1-Aug-08	41				5035A	PZ		Soil
1-Aug-08	42				5035A	PZ		Soil
1-Aug-08	43				5035A	PZ		Soil
1-Aug-08	44				5035B	F1		Soil
1-Aug-08	45				5035B	F1		Soil
1-Aug-08	46				5035B	F1		Soil
1-Aug-08	47				5035B	F2		Soil
1-Aug-08	48				5035B	F2		Soil
1-Aug-08	49				5035B	F2		Soil
1-Aug-08	50				5035B	DZ		Soil

1-Aug-08	51	5035B	DZ	Soil
1-Aug-08	52	20758	F1	Soil
1-Aug-08	53	bogus	error	Soil
1-Aug-08	54	5035C	F1	Soil
1-Aug-08	55	5035C	F1	Soil
1-Aug-08	56	5035C	F1	Soil
1-Aug-08	57	5035C	F2	Soil
1-Aug-08	58	5035C	F2	Soil
1-Aug-08	59	5035C	F2	Soil
1-Aug-08	60	5035C	B1	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
7:01:39								
7:03:04				<LOD		0	NA	
7:05:56				<LOD		0	NA	
7:10:01				<LOD		0	NA	
7:12:31	shot 1			<LOD		0	NA	
7:15:45	shot 2			<LOD		0	NA	
7:18:06	shot 3			<LOD		0	NA	
7:20:34	shot 1			<LOD		0	NA	
7:22:52	shot 2			<LOD		0	NA	
7:25:03	shot 3			<LOD		0	NA	
7:27:25	shot 1			<LOD		0	NA	
7:29:41	shot 2			<LOD		0	NA	
7:31:45	shot 3			<LOD		0	NA	
7:34:23	shot 1			<LOD		0	NA	
7:36:46	shot 2			<LOD		0	NA	
7:39:35	shot 3			<LOD		0	NA	
7:42:19	shot 1			<LOD		0	NA	
7:44:41	shot 2			<LOD		0	NA	
7:46:55	shot 3			<LOD		0	NA	
7:49:28	shot 1			<LOD		0	NA	
7:51:47	shot 2			<LOD		0	NA	
7:54:03	shot 3			<LOD		0	NA	
7:56:20	shot 1			<LOD		0	NA	
7:58:43	shot 2			<LOD		0	NA	
8:03:02	shot 3			<LOD		0	NA	
8:06:22	shot 1			<LOD		0	NA	
8:08:46	shot 2			<LOD		0	NA	
8:11:00	shot 3			<LOD		0	NA	
8:13:30	shot 1			<LOD		0	NA	
8:15:47	shot 2			<LOD		0	NA	
8:19:19	shot 3			<LOD		0	NA	
8:22:02	shot 1			<LOD		0	NA	
8:24:14	shot 2			<LOD		0	NA	
8:26:42	shot 3			<LOD		0	NA	
8:29:08	shot 1			<LOD		0	NA	
8:31:35	shot 2			<LOD		0	NA	
8:33:53	shot 3			<LOD		0	NA	
8:38:03	shot 1			<LOD		0	NA	
8:40:44	shot 2			<LOD		0	NA	
8:43:49	shot 3			<LOD		0	NA	
8:46:12	shot 1			<LOD		0	NA	
8:48:31	shot 2			<LOD		0	NA	
8:50:50	shot 3			<LOD		0	NA	
8:53:41	shot 1			<LOD		0	NA	
8:55:51	shot 2			<LOD		0	NA	
8:58:56	shot 3			<LOD		0	NA	
9:01:15	shot 1			<LOD		0	NA	
9:06:03	shot 2			<LOD		0	NA	
9:09:00	shot 3			<LOD		0	NA	
9:11:26	shot 1			<LOD		0	NA	

9:13:48	shot 2	<LOD	0	NA
9:16:01	shot 2	<LOD	0	NA
9:50:33		<LOD	0	NA
9:53:59	shot 1	<LOD	0	NA
9:56:33	shot 2	<LOD	0	NA
9:58:57	shot 3	<LOD	0	NA
10:01:26	shot 1	<LOD	0	NA
10:03:48	shot 2	<LOD	0	NA
10:05:57	shot 3	<LOD	0	NA
10:08:16	shot 1	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3726	317	Pass	<LOD	99
	NA			2936	304	Pass	<LOD	94
	NA			3298	387	Pass	<LOD	128
	NA			3869	285	Pass	84	28
	NA			3974	285	Pass	90	28
	NA			3605	281	Pass	<LOD	82
	NA			3528	279	Pass	<LOD	80
	NA			3643	276	Pass	<LOD	80
	NA			3685	278	Pass	<LOD	77
	NA			4382	305	Pass	<LOD	82
	NA			4245	305	Pass	157	32
	NA			4558	311	Pass	<LOD	88
	NA			4063	302	Pass	<LOD	84
	NA			4352	306	Pass	<LOD	83
	NA			4934	310	Pass	<LOD	83
	NA			3833	292	Pass	<LOD	85
	NA			4144	297	Pass	<LOD	84
	NA			3723	288	Pass	<LOD	80
	NA			4460	323	Pass	<LOD	94
	NA			4375	315	Pass	<LOD	90
	NA			4434	324	Pass	111	32
	NA			2569	352	Pass	<LOD	100
	NA			2819	344	Pass	105	34
	NA			2732	346	Pass	<LOD	97
	NA			4840	303	Pass	<LOD	82
	NA			4188	310	Pass	<LOD	82
	NA			4086	296	Pass	<LOD	78
	NA			4715	316	Pass	<LOD	86
	NA			4940	311	Pass	<LOD	85
	NA			4814	318	Pass	<LOD	84
	NA			4218	299	Pass	<LOD	83
	NA			4155	299	Pass	<LOD	84
	NA			4221	299	Pass	90	29
	NA			4464	296	Pass	97	29
	NA			4344	308	Pass	<LOD	84
	NA			4907	303	Pass	<LOD	83
	NA			4767	311	Pass	90	29
	NA			4797	310	Pass	97	29
	NA			5115	316	Pass	<LOD	84
	NA			4617	310	Pass	<LOD	80
	NA			4751	312	Pass	<LOD	82
	NA			4753	316	Pass	95	29
	NA			4756	301	Pass	<LOD	83
	NA			4566	297	Pass	<LOD	77
	NA			4286	307	Pass	95	29
	NA			4869	311	Pass	96	29
	NA			4567	311	Pass	<LOD	85
	NA			4410	314	Pass	90	30
	NA			4641	312	Pass	<LOD	89

NA	4524	309	Pass		91	30
NA	4286	314	Pass	<LOD		88
NA	4618	314	Pass	<LOD		90
NA	3441	344	Pass		132	35
NA	3507	338	Pass	<LOD		96
NA	3580	354	Pass		158	36
NA	4017	293	Pass		109	28
NA	4241	297	Pass	<LOD		83
NA	4605	297	Pass		84	27
NA	3873	288	Pass	<LOD		82

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	540	33	Pass	32999	326	Pass	<LOD	172
	450	30	Pass	25257	260	Pass	<LOD	152
	10244	158	Pass	39438	434	Pass	<LOD	209
Pass	929	34	Pass	14085	149	Pass	<LOD	106
Pass	972	35	Pass	14620	153	Pass	<LOD	109
	931	35	Pass	14356	153	Pass	<LOD	110
	722	31	Pass	13521	143	Pass	<LOD	101
	815	32	Pass	13669	145	Pass	<LOD	104
	700	30	Pass	13676	145	Pass	<LOD	105
	657	31	Pass	20522	205	Pass	<LOD	130
Pass	566	30	Pass	19501	201	Pass	<LOD	129
	593	31	Pass	20719	208	Pass	<LOD	131
	646	31	Pass	18822	193	Pass	<LOD	124
	580	30	Pass	19048	197	Pass	<LOD	129
	655	31	Pass	19443	197	Pass	<LOD	127
	687	31	Pass	15331	163	Pass	<LOD	114
	692	31	Pass	15227	162	Pass	<LOD	112
	643	30	Pass	15666	164	Pass	<LOD	114
	658	33	Pass	24575	243	Pass	<LOD	147
	621	32	Pass	23681	236	Pass	<LOD	143
Pass	745	35	Pass	24327	246	Pass	<LOD	147
	1093	40	Pass	16792	182	Pass	<LOD	123
Pass	984	39	Pass	16777	184	Pass	<LOD	123
	1063	40	Pass	17034	185	Pass	<LOD	125
	941	34	Pass	11976	131	Pass	<LOD	96
	989	35	Pass	12004	133	Pass	<LOD	98
	918	34	Pass	11731	128	Pass	<LOD	95
	785	33	Pass	15844	168	Pass	<LOD	114
	896	35	Pass	14615	157	Pass	<LOD	112
	785	33	Pass	15654	165	Pass	<LOD	115
	771	32	Pass	15153	160	Pass	<LOD	111
	853	34	Pass	15218	159	Pass	<LOD	111
Pass	904	35	Pass	15222	161	Pass	<LOD	113
Pass	296	24	Pass	16422	171	Pass	<LOD	115
	246	23	Pass	16319	171	Pass	<LOD	115
	255	23	Pass	15765	166	Pass	<LOD	115
Pass	746	33	Pass	15893	169	Pass	<LOD	113
Pass	683	31	Pass	15689	166	Pass	<LOD	114
	689	32	Pass	15938	170	Pass	<LOD	117
	1051	36	Pass	11020	125	Pass	<LOD	95
	1019	36	Pass	10841	124	Pass	<LOD	95
Pass	1078	37	Pass	11188	127	Pass	<LOD	95
	782	32	Pass	11819	133	Pass	<LOD	98
	799	32	Pass	11715	131	Pass	<LOD	98
Pass	797	33	Pass	11788	132	Pass	<LOD	98
Pass	448	27	Pass	17347	178	Pass	<LOD	120
	480	28	Pass	16947	178	Pass	<LOD	121
Pass	408	27	Pass	17123	179	Pass	<LOD	120
	565	30	Pass	19292	200	Pass	<LOD	130

Pass	628	31	Pass	20060	202	Pass	<LOD	128
	622	32	Pass	21001	214	Pass	<LOD	134
	556	30	Pass	20460	207	Pass	<LOD	131
Pass	555	32	Pass	23985	246	Pass	<LOD	147
	562	32	Pass	23806	245	Pass	<LOD	145
Pass	494	31	Pass	23378	242	Pass	<LOD	145
Pass	896	34	Pass	11058	125	Pass	<LOD	95
	989	36	Pass	11082	126	Pass	<LOD	96
Pass	957	35	Pass	11427	128	Pass	<LOD	95
	959	35	Pass	12238	135	Pass	<LOD	99

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	73	12	Pass	<LOD	21		107	6
	39	11	Pass	106	9	Pass	324	9
	<LOD	41		3147	47	Pass	7163	82
	<LOD	25		22	6	Pass	135	6
	42	9	Pass	21	6	Pass	130	6
	<LOD	26		19	6	Pass	129	6
	<LOD	24		23	6	Pass	124	5
	<LOD	24		<LOD	18		115	5
	<LOD	24		24	6	Pass	124	5
	<LOD	28		43	7	Pass	227	7
	<LOD	27		34	7	Pass	208	7
	31	9	Pass	37	7	Pass	202	7
	<LOD	27		25	6	Pass	135	6
	<LOD	28		25	7	Pass	137	6
	39	9	Pass	<LOD	19		147	6
	<LOD	25		23	6	Pass	295	8
	<LOD	26		22	6	Pass	290	8
	<LOD	26		36	7	Pass	297	8
	33	10	Pass	42	7	Pass	419	10
	<LOD	30		35	7	Pass	403	10
	31	10	Pass	42	7	Pass	426	10
	<LOD	28		40	7	Pass	752	14
	43	10	Pass	49	7	Pass	755	14
	32	10	Pass	40	7	Pass	787	15
	26	8	Pass	<LOD	18		141	6
	<LOD	23		<LOD	18		121	5
	<LOD	24		<LOD	18		137	6
	<LOD	26		<LOD	19		191	7
	<LOD	25		23	6	Pass	183	7
	<LOD	26		<LOD	18		191	7
	<LOD	25		<LOD	18		166	6
	<LOD	26		<LOD	18		156	6
	<LOD	25		27	6	Pass	159	6
	<LOD	25		<LOD	19		167	6
	<LOD	26		<LOD	19		180	6
	<LOD	26		19	6	Pass	166	6
	36	9	Pass	<LOD	19		184	7
	<LOD	26		23	6	Pass	166	6
	<LOD	26		<LOD	19		187	7
	<LOD	25		<LOD	18		125	5
	<LOD	24		<LOD	18		129	6
	<LOD	24		20	6	Pass	149	6
	<LOD	25		<LOD	18		108	5
	<LOD	24		<LOD	18		109	5
	<LOD	25		<LOD	18		105	5
	<LOD	26		20	6	Pass	180	6
	<LOD	27		26	7	Pass	177	7
	<LOD	26		20	6	Pass	183	7
	<LOD	27		<LOD	19		589	12

	30		9	Pass	<LOD		19		600		12
	36		10	Pass		27	7	Pass	678		13
<LOD			28		<LOD		19		650		13
	40		10	Pass		29	7	Pass	533		12
<LOD			29			29	7	Pass	499		11
<LOD			30			28	7	Pass	507		12
	31		8	Pass	<LOD		18		89		5
<LOD			25		<LOD		18		86		5
<LOD			24			29	6	Pass	93		5
<LOD			25			26	6	Pass	123		5

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	12	2	Pass	<LOD	3		94	2
Pass	105	9	Pass	<LOD	5		118	3
Pass	734	24	Pass	<LOD	10		129	4
Pass	<LOD	9		<LOD	3		66	2
Pass	<LOD	10		<LOD	3		68	2
Pass	<LOD	10		<LOD	3		66	2
Pass	<LOD	9		<LOD	3		60	2
Pass	<LOD	9		<LOD	3		63	2
Pass	10	3	Pass	<LOD	3		62	2
Pass	18	4	Pass	<LOD	3		74	2
Pass	<LOD	10		<LOD	3		68	2
Pass	<LOD	11		<LOD	3		72	2
Pass	11	3	Pass	<LOD	3		68	2
Pass	<LOD	10		<LOD	3		70	2
Pass	10	3	Pass	<LOD	3		70	2
Pass	<LOD	10		<LOD	3		65	2
Pass	13	3	Pass	<LOD	3		61	2
Pass	<LOD	10		<LOD	3		63	2
Pass	<LOD	12		<LOD	3		81	2
Pass	<LOD	11		<LOD	3		76	2
Pass	15	4	Pass	<LOD	3		79	2
Pass	26	8	Pass	<LOD	4		49	2
Pass	<LOD	26		<LOD	5		53	2
Pass	27	9	Pass	<LOD	5		49	2
Pass	<LOD	9		<LOD	3		59	2
Pass	<LOD	9		<LOD	3		57	2
Pass	<LOD	9		<LOD	3		55	2
Pass	<LOD	8		<LOD	3		69	2
Pass	<LOD	8		<LOD	3		62	2
Pass	8	3	Pass	<LOD	3		65	2
Pass	<LOD	8		<LOD	3		66	2
Pass	<LOD	8		<LOD	3		68	2
Pass	10	3	Pass	<LOD	3		68	2
Pass	<LOD	8		<LOD	3		63	2
Pass	9	3	Pass	<LOD	3		63	2
Pass	<LOD	9		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		65	2
Pass	<LOD	9		<LOD	3		65	2
Pass	<LOD	9		<LOD	3		66	2
Pass	<LOD	9		<LOD	3		58	2
Pass	<LOD	9		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		60	2
Pass	<LOD	8		<LOD	3		57	2
Pass	8	3	Pass	<LOD	3		60	2
Pass	<LOD	8		<LOD	3		56	2
Pass	<LOD	9		<LOD	3		60	2
Pass	<LOD	9		<LOD	3		63	2
Pass	<LOD	9		<LOD	3		57	2
Pass	<LOD	13		<LOD	3		61	2

Pass		16	4	Pass	<LOD	3	62	2
Pass	<LOD		13		<LOD	4	62	2
Pass	<LOD		13		<LOD	3	61	2
Pass	<LOD		10		<LOD	3	40	2
Pass		13	3	Pass	<LOD	3	46	2
Pass		12	4	Pass	<LOD	3	43	2
Pass	<LOD		7		<LOD	3	70	2
Pass	<LOD		7		<LOD	3	68	2
Pass	<LOD		7		<LOD	3	67	2
Pass	<LOD		7		<LOD	3	64	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	231	4	Pass	89	4	Pass	9	3
Pass	253	4	Pass	253	5	Pass	<LOD	8
Pass	347	6	Pass	52	4	Pass	18	3
Pass	83	2	Pass	449	6	Pass	<LOD	7
Pass	85	2	Pass	445	6	Pass	<LOD	7
Pass	80	2	Pass	445	6	Pass	<LOD	7
Pass	78	2	Pass	415	5	Pass	<LOD	7
Pass	82	2	Pass	417	5	Pass	<LOD	7
Pass	79	2	Pass	415	5	Pass	9	2
Pass	78	2	Pass	410	5	Pass	<LOD	7
Pass	77	2	Pass	390	5	Pass	<LOD	8
Pass	78	2	Pass	402	5	Pass	<LOD	8
Pass	76	2	Pass	434	6	Pass	<LOD	7
Pass	76	2	Pass	456	6	Pass	8	3
Pass	80	2	Pass	441	6	Pass	8	3
Pass	76	2	Pass	447	6	Pass	<LOD	8
Pass	77	2	Pass	442	6	Pass	9	3
Pass	77	2	Pass	450	6	Pass	<LOD	7
Pass	81	2	Pass	391	6	Pass	<LOD	8
Pass	79	2	Pass	395	6	Pass	<LOD	8
Pass	80	2	Pass	400	6	Pass	<LOD	8
Pass	96	2	Pass	176	4	Pass	8	2
Pass	93	2	Pass	182	4	Pass	11	3
Pass	94	2	Pass	180	4	Pass	<LOD	8
Pass	80	2	Pass	537	6	Pass	10	3
Pass	85	2	Pass	534	6	Pass	15	3
Pass	81	2	Pass	528	6	Pass	10	2
Pass	79	2	Pass	556	7	Pass	10	3
Pass	78	2	Pass	548	7	Pass	<LOD	8
Pass	78	2	Pass	534	6	Pass	11	3
Pass	71	2	Pass	495	6	Pass	<LOD	8
Pass	73	2	Pass	480	6	Pass	<LOD	7
Pass	77	2	Pass	495	6	Pass	<LOD	8
Pass	74	2	Pass	508	6	Pass	8	3
Pass	79	2	Pass	519	6	Pass	<LOD	8
Pass	77	2	Pass	511	6	Pass	<LOD	8
Pass	80	2	Pass	550	7	Pass	<LOD	8
Pass	73	2	Pass	555	7	Pass	<LOD	8
Pass	76	2	Pass	562	7	Pass	9	3
Pass	86	2	Pass	617	7	Pass	<LOD	8
Pass	86	2	Pass	600	7	Pass	<LOD	8
Pass	87	2	Pass	606	7	Pass	8	3
Pass	89	2	Pass	580	7	Pass	8	3
Pass	85	2	Pass	586	7	Pass	9	3
Pass	89	2	Pass	584	7	Pass	8	3
Pass	80	2	Pass	571	7	Pass	9	3
Pass	74	2	Pass	549	7	Pass	8	3
Pass	76	2	Pass	547	7	Pass	<LOD	8
Pass	75	2	Pass	511	6	Pass	<LOD	8

Pass	75	2	Pass	529	6	Pass	<LOD	8
Pass	80	2	Pass	523	7	Pass	8	3
Pass	77	2	Pass	525	6	Pass	<LOD	8
Pass	89	2	Pass	236	4	Pass	<LOD	8
Pass	84	2	Pass	279	5	Pass	<LOD	8
Pass	83	2	Pass	281	5	Pass	<LOD	8
Pass	83	2	Pass	551	7	Pass	<LOD	8
Pass	80	2	Pass	569	7	Pass	<LOD	8
Pass	81	2	Pass	553	7	Pass	<LOD	8
Pass	80	2	Pass	530	6	Pass	<LOD	8

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass	<LOD	30		<LOD	36		<LOD	58
	<LOD	30		50	13	Pass	<LOD	61
Pass	35	11	Pass	<LOD	42		<LOD	68
	<LOD	27		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	57
	<LOD	27		<LOD	33		<LOD	54
	<LOD	27		<LOD	34		<LOD	54
Pass	<LOD	27		<LOD	34		<LOD	55
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	59
	<LOD	29		<LOD	36		<LOD	61
Pass	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	60
Pass	<LOD	27		<LOD	34		<LOD	54
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	27		<LOD	33		<LOD	54
Pass	<LOD	28		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59

	<LOD	28	<LOD	34	<LOD	56
Pass	<LOD	29	<LOD	36	<LOD	58
	<LOD	28	<LOD	35	<LOD	57
	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	37	<LOD	62
	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	34	<LOD	57
	<LOD	28	<LOD	34	<LOD	57

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			642	191
	<LOD	64		NA			883	189
	<LOD	71		NA			916	242
	<LOD	59		NA			890	171
	<LOD	59		NA			784	169
	<LOD	60		NA			782	169
	<LOD	57		NA			1114	172
	<LOD	57		NA			829	167
	<LOD	58		NA			855	167
	<LOD	61		NA			865	180
	<LOD	62		NA			695	180
	<LOD	61		NA			858	183
	<LOD	60		NA			941	181
	<LOD	62		NA			687	179
	<LOD	60		NA			637	178
	<LOD	61		NA			920	176
	<LOD	61		NA			907	177
	<LOD	60		NA			940	174
	<LOD	62		NA			1104	194
	<LOD	62		NA			887	188
	<LOD	64		NA			907	193
	<LOD	61		NA			3950	246
	<LOD	64		NA			3175	234
	<LOD	63		NA			3401	237
	<LOD	57		NA			1071	178
	<LOD	58		NA			1769	193
	<LOD	57		NA			1499	182
	<LOD	62		NA			1113	187
	<LOD	61		NA			856	180
	<LOD	61		NA			1289	190
	<LOD	59		NA			1042	179
	<LOD	59		NA			1172	181
	<LOD	60		NA			1005	179
	<LOD	59		NA			579	171
	<LOD	60		NA			1199	186
	<LOD	60		NA			520	172
	<LOD	62		NA			833	181
	<LOD	61		NA			878	181
	<LOD	62		NA			764	182
	<LOD	60		NA			1421	187
	<LOD	61		NA			1332	186
	<LOD	60		NA			1576	192
	<LOD	60		NA			806	175
	<LOD	61		NA			826	173
	<LOD	60		NA			1460	187
	<LOD	60		NA			939	182
	<LOD	61		NA			935	183
	<LOD	61		NA			1273	190
	<LOD	62		NA			658	181

<LOD	59	NA	845	182
<LOD	61	NA	967	188
<LOD	60	NA	903	185
<LOD	64	NA	2436	225
<LOD	64	NA	2131	218
<LOD	65	NA	2680	232
<LOD	61	NA	1130	177
<LOD	61	NA	1045	178
<LOD	60	NA	871	174
<LOD	60	NA	1015	174

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	11		<LOD	9		19	3
Pass	<LOD	19		26	7	Pass	1150	17
Pass	67	15	Pass	<LOD	50		5800	66
Pass	<LOD	10		<LOD	10		138	5
Pass	<LOD	10		<LOD	10		144	5
Pass	<LOD	11		<LOD	10		144	5
Pass	<LOD	10		<LOD	9		141	5
Pass	<LOD	10		<LOD	9		138	5
Pass	<LOD	10		<LOD	9		138	5
Pass	<LOD	11		<LOD	10		161	6
Pass	<LOD	11		<LOD	11		165	6
Pass	<LOD	11		<LOD	11		170	6
Pass	<LOD	10		<LOD	10		129	5
Pass	<LOD	11		11	3	Pass	132	5
Pass	<LOD	11		<LOD	10		144	5
Pass	<LOD	11		<LOD	10		141	5
Pass	<LOD	11		<LOD	10		144	5
Pass	<LOD	11		<LOD	10		156	6
Pass	<LOD	12		<LOD	11		211	6
Pass	<LOD	11		<LOD	11		202	6
Pass	<LOD	12		<LOD	11		209	7
Pass	<LOD	17		<LOD	21		1121	16
Pass	<LOD	18		<LOD	20		1129	17
Pass	<LOD	18		<LOD	21		1143	17
Pass	<LOD	10		<LOD	10		124	5
Pass	<LOD	10		10	3	Pass	120	5
Pass	<LOD	10		<LOD	9		129	5
Pass	<LOD	11		<LOD	10		83	4
Pass	<LOD	10		<LOD	9		82	4
Pass	<LOD	10		<LOD	9		82	4
Pass	<LOD	10		<LOD	9		100	5
Pass	<LOD	10		<LOD	9		89	4
Pass	<LOD	10		<LOD	9		85	4
Pass	<LOD	10		<LOD	9		98	5
Pass	<LOD	10		<LOD	9		101	5
Pass	<LOD	9		<LOD	9		106	5
Pass	<LOD	11		<LOD	10		128	5
Pass	<LOD	10		<LOD	9		123	5
Pass	<LOD	11		<LOD	10		118	5
Pass	<LOD	11		<LOD	9		109	5
Pass	<LOD	10		<LOD	9		116	5
Pass	<LOD	10		<LOD	9		109	5
Pass	<LOD	10		<LOD	9		96	5
Pass	<LOD	10		<LOD	9		90	4
Pass	<LOD	10		<LOD	9		94	4
Pass	<LOD	10		<LOD	9		120	5
Pass	<LOD	11		<LOD	9		115	5
Pass	<LOD	10		<LOD	10		107	5
Pass	<LOD	12		<LOD	12		274	7

Pass	<LOD	12	<LOD	11	252	7
Pass	<LOD	12	<LOD	12	268	7
Pass	<LOD	12	<LOD	12	273	7
Pass	<LOD	12	<LOD	10	142	6
Pass	<LOD	11	<LOD	10	145	6
Pass	<LOD	12	<LOD	11	146	6
Pass	<LOD	10	<LOD	8	55	4
Pass	<LOD	9	<LOD	9	51	4
Pass	<LOD	10	<LOD	9	56	4
Pass	<LOD	10	<LOD	8	49	4

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019825				223		46.31	
Pass							56.88	testing
Pass							55.67	testing
Pass							55.19	testing
Pass							52.47	testing
Pass							52.92	testing
Pass							52.75	testing
Pass							53.47	testing
Pass							53.02	testing
Pass							52.58	testing
Pass							51.79	testing
Pass							53.18	testing
Pass							52.65	testing
Pass							53.25	testing
Pass							52.98	testing
Pass							52.55	testing
Pass							52.26	testing
Pass							52.65	testing
Pass							52.27	testing
Pass							52.51	testing
Pass							52.96	testing
Pass							52.73	testing
Pass							54.05	testing
Pass							53.46	testing
Pass							53.81	testing
Pass							52.47	testing
Pass							52.99	testing
Pass							52.41	testing
Pass							52.08	testing
Pass							52.21	testing
Pass							51.95	testing
Pass							51.95	testing
Pass							53.53	testing
Pass							53.19	testing
Pass							53.26	testing
Pass							53.22	testing
Pass							53.03	testing
Pass							52.93	testing
Pass							52.9	testing
Pass							52.9	testing
Pass							52.2	testing
Pass							52.83	testing
Pass							53.28	testing
Pass							52.53	testing
Pass							53.5	testing
Pass							52.67	testing
Pass							53.63	testing
Pass							53.14	testing
Pass							52.92	testing
Pass							53.46	testing

Pass	54.88	testing
Pass	53.4	testing
Pass	54.29	testing
Pass	54.46	testing
Pass	54.35	testing
Pass	54.52	testing
Pass	52.02	testing
Pass	52.1	testing
Pass	52	testing
Pass	52.59	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
3-Aug-08	1			-0.017745			PASS	Standardiz
3-Aug-08	2				NIST2709	low		Soil
3-Aug-08	3				NIST2711	medium		Soil
3-Aug-08	4				NIST2710	high		Soil
3-Aug-08	5				30448	F1		Soil
3-Aug-08	6				30448	F1		Soil
3-Aug-08	7				30448	F1		Soil
3-Aug-08	8				30448	F2		Soil
3-Aug-08	9				30448	F2		Soil
3-Aug-08	10				30448	F2		Soil
3-Aug-08	11				30448	B1		Soil
3-Aug-08	12				30448	B1		Soil
3-Aug-08	13				30448	B1		Soil
3-Aug-08	14				30448	B2		Soil
3-Aug-08	15				30448	B2		Soil
3-Aug-08	16				30448	B2		Soil
3-Aug-08	17				30448	DZ		Soil
3-Aug-08	18				30448	DZ		Soil
3-Aug-08	19				30448	DZ		Soil
3-Aug-08	20				30448	GZ		Soil
3-Aug-08	21				30448	GZ		Soil
3-Aug-08	22				30448	GZ		Soil
3-Aug-08	23				30448	PZ		Soil
3-Aug-08	24				30448	PZ		Soil
3-Aug-08	25				30448	PZ		Soil
3-Aug-08	26				30448	DW		Soil
3-Aug-08	27				30448	DW		Soil
3-Aug-08	28				30448	DW		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
13:42:40								
13:44:09				<LOD		0	NA	
13:46:44				<LOD		0	NA	
13:50:01				<LOD		0	NA	
13:54:32	shot 1			<LOD		0	NA	
13:56:52	shot 2			<LOD		0	NA	
13:59:05	shot 3			<LOD		0	NA	
14:02:04	shot 1			<LOD		0	NA	
14:04:46	shot 2			<LOD		0	NA	
14:07:28	shot 3			<LOD		0	NA	
14:10:48	shot 1			<LOD		0	NA	
14:13:04	shot 2			<LOD		0	NA	
14:15:21	shot 3			<LOD		0	NA	
14:17:52	shot 1			<LOD		0	NA	
14:20:31	shot 2			<LOD		0	NA	
14:23:14	shot 3			<LOD		0	NA	
14:25:31	shot 1			<LOD		0	NA	
14:28:34	shot 2			<LOD		0	NA	
14:30:47	shot 3			<LOD		0	NA	
14:33:15	shot 1			<LOD		0	NA	
14:38:05	shot 2			<LOD		0	NA	
14:40:37	shot 3			<LOD		0	NA	
14:45:42	shot 1			<LOD		0	NA	
14:48:22	shot 2			<LOD		0	NA	
14:51:37	shot 3			<LOD		0	NA	
14:55:43	shot 1			<LOD		0	NA	
15:00:08	shot 2			<LOD		0	NA	
15:02:57	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3374	305	Pass	<LOD	94
	NA			2543	301	Pass	<LOD	99
	NA			2934	373	Pass	<LOD	122
	NA			4784	440	Pass	189	41
	NA			3799	438	Pass	182	41
	NA			3786	448	Pass	195	42
	NA			3154	517	Pass	<LOD	139
	NA			4986	508	Pass	168	46
	NA			3793	551	Pass	214	51
	NA			4227	395	Pass	176	38
	NA			4880	431	Pass	<LOD	111
	NA			4236	426	Pass	169	40
	NA			3945	373	Pass	121	35
	NA			4218	373	Pass	145	36
	NA			3260	368	Pass	<LOD	105
	NA			4783	548	Pass	161	50
	NA			4037	554	Pass	<LOD	149
	NA			2956	541	Pass	<LOD	153
	NA			4245	349	Pass	100	33
	NA			4753	359	Pass	132	34
	NA			3709	342	Pass	129	34
	NA			4229	437	Pass	164	40
	NA			4346	440	Pass	165	41
	NA			3455	430	Pass	154	40
	NA			<LOD	4291		693	123
	NA			<LOD	4296		596	121
	NA			<LOD	4273		485	118

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	486	31	Pass	31682	311	Pass	<LOD	167
	540	32	Pass	25049	260	Pass	<LOD	152
	10135	156	Pass	37544	412	Pass	<LOD	202
Pass	823	38	Pass	23784	246	Pass	<LOD	146
Pass	773	37	Pass	22296	238	Pass	<LOD	146
Pass	807	38	Pass	25438	260	Pass	<LOD	152
	807	42	Pass	37559	386	Pass	<LOD	194
Pass	746	40	Pass	36623	375	Pass	<LOD	192
Pass	917	45	Pass	38463	399	Pass	<LOD	200
Pass	481	31	Pass	21441	223	Pass	<LOD	139
	765	37	Pass	25545	261	Pass	<LOD	150
Pass	593	33	Pass	22562	233	Pass	<LOD	143
Pass	619	33	Pass	22022	227	Pass	<LOD	139
Pass	566	32	Pass	22078	225	Pass	<LOD	137
	613	33	Pass	22414	227	Pass	<LOD	139
Pass	900	45	Pass	43786	454	Pass	<LOD	214
	930	46	Pass	44007	459	Pass	<LOD	216
	948	46	Pass	43398	452	Pass	<LOD	214
Pass	583	31	Pass	21189	216	Pass	<LOD	135
Pass	487	30	Pass	20955	215	Pass	<LOD	135
Pass	527	30	Pass	20921	212	Pass	<LOD	133
Pass	718	36	Pass	23508	243	Pass	<LOD	145
Pass	807	38	Pass	23711	246	Pass	<LOD	146
Pass	716	36	Pass	23427	243	Pass	<LOD	144
Pass	2136	85	Pass	58912	706	Pass	<LOD	286
Pass	2258	86	Pass	60105	719	Pass	<LOD	288
Pass	1940	81	Pass	58549	689	Pass	<LOD	278

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	58	11	Pass	27	7	Pass	94	5
	<LOD	31		100	9	Pass	314	9
	<LOD	40		3000	45	Pass	6872	79
	53	11	Pass	36	7	Pass	854	16
	<LOD	30		27	7	Pass	816	15
	35	10	Pass	21	7	Pass	850	15
	64	13	Pass	39	8	Pass	2225	31
	<LOD	36		66	9	Pass	2134	30
	<LOD	37		60	9	Pass	2227	31
	<LOD	30		43	7	Pass	1103	18
	<LOD	30		<LOD	21		1299	20
	<LOD	30		25	7	Pass	1120	18
	<LOD	29		31	7	Pass	1368	20
	32	10	Pass	40	7	Pass	1383	20
	35	10	Pass	32	7	Pass	1379	20
	75	14	Pass	97	10	Pass	4743	56
	<LOD	40		72	10	Pass	4764	56
	43	13	Pass	91	10	Pass	4529	54
	<LOD	29		<LOD	20		1240	19
	<LOD	29		<LOD	20		1218	19
	<LOD	28		21	7	Pass	1220	19
	35	10	Pass	29	7	Pass	989	17
	<LOD	30		32	7	Pass	1000	17
	55	11	Pass	27	7	Pass	1020	17
	64	17	Pass	53	11	Pass	1864	33
	88	18	Pass	47	11	Pass	1880	33
	114	17	Pass	47	11	Pass	1881	32

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	11	2	Pass	<LOD	3		92	2
Pass	101	9	Pass	<LOD	5		112	3
Pass	660	23	Pass	<LOD	10		122	3
Pass	20	6	Pass	<LOD	4		71	2
Pass	<LOD	17		<LOD	4		71	2
Pass	<LOD	17		<LOD	4		65	2
Pass	50	9	Pass	<LOD	5		72	2
Pass	43	9	Pass	<LOD	5		71	2
Pass	34	9	Pass	<LOD	5		69	2
Pass	<LOD	22		<LOD	4		70	2
Pass	39	8	Pass	<LOD	5		71	2
Pass	30	7	Pass	<LOD	4		68	2
Pass	<LOD	17		<LOD	4		72	2
Pass	<LOD	17		<LOD	4		73	2
Pass	<LOD	17		<LOD	4		68	2
Pass	<LOD	31		<LOD	6		76	3
Pass	66	10	Pass	<LOD	5		77	3
Pass	39	10	Pass	<LOD	5		77	3
Pass	<LOD	16		<LOD	4		68	2
Pass	<LOD	15		<LOD	3		71	2
Pass	<LOD	15		<LOD	4		66	2
Pass	<LOD	16		<LOD	4		68	2
Pass	<LOD	17		<LOD	4		69	2
Pass	<LOD	17		<LOD	3		69	2
Pass	51	13	Pass	<LOD	7		28	2
Pass	45	13	Pass	<LOD	7		31	2
Pass	64	12	Pass	<LOD	7		32	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	227	4	Pass	86	3	Pass	<LOD	7
Pass	245	4	Pass	256	5	Pass	<LOD	8
Pass	332	6	Pass	47	4	Pass	19	3
Pass	157	3	Pass	436	6	Pass	<LOD	8
Pass	150	3	Pass	413	6	Pass	<LOD	8
Pass	160	3	Pass	414	6	Pass	11	3
Pass	153	3	Pass	314	6	Pass	<LOD	8
Pass	148	3	Pass	322	6	Pass	9	3
Pass	185	4	Pass	300	6	Pass	<LOD	8
Pass	127	3	Pass	463	6	Pass	10	3
Pass	137	3	Pass	456	6	Pass	11	3
Pass	136	3	Pass	427	6	Pass	<LOD	8
Pass	107	3	Pass	439	6	Pass	9	3
Pass	107	3	Pass	457	6	Pass	<LOD	8
Pass	105	3	Pass	460	6	Pass	8	3
Pass	162	4	Pass	315	6	Pass	<LOD	9
Pass	158	4	Pass	322	6	Pass	10	3
Pass	152	3	Pass	325	6	Pass	9	3
Pass	93	2	Pass	449	6	Pass	9	3
Pass	95	2	Pass	471	6	Pass	9	3
Pass	92	2	Pass	455	6	Pass	9	3
Pass	150	3	Pass	431	6	Pass	10	3
Pass	150	3	Pass	417	6	Pass	<LOD	8
Pass	145	3	Pass	435	6	Pass	<LOD	8
Pass	728	11	Pass	<LOD	14		<LOD	10
Pass	716	11	Pass	<LOD	14		<LOD	10
Pass	730	11	Pass	<LOD	14		<LOD	9

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	29		<LOD	35		<LOD	56
	<LOD	30		<LOD	38		<LOD	62
Pass	<LOD	34		<LOD	41		<LOD	67
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	62
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	32		<LOD	39		<LOD	64
Pass	<LOD	31		<LOD	39		<LOD	64
	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	30		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	60
	<LOD	30		40	12	Pass	<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	33		<LOD	40		<LOD	66
Pass	<LOD	33		<LOD	41		<LOD	67
Pass	<LOD	33		<LOD	41		<LOD	67
Pass	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	35		<LOD	58
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
	<LOD	39		<LOD	47		<LOD	78
	<LOD	38		<LOD	46		<LOD	77
	<LOD	38		<LOD	46		97	25

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	58		NA			648	185
	<LOD	65		NA			1014	192
	<LOD	71		NA			889	235
	<LOD	64		NA			6044	302
	<LOD	65		NA			6353	309
	<LOD	64		NA			7305	320
	<LOD	68		NA			9746	383
	<LOD	67		NA			7915	357
	<LOD	68		NA			10843	408
	<LOD	63		NA			4373	267
	<LOD	63		NA			5416	292
	<LOD	63		NA			5979	296
	<LOD	62		NA			3610	249
	<LOD	63		NA			3571	247
	<LOD	62		NA			4113	253
	<LOD	70		NA			9111	391
	<LOD	71		NA			9848	403
	<LOD	70		NA			10024	402
	<LOD	62		NA			2575	224
	<LOD	63		NA			2546	227
	<LOD	61		NA			2737	224
	<LOD	63		NA			6385	306
	<LOD	63		NA			6344	307
	<LOD	63		NA			6616	307
	<LOD	82		NA			81495	1448
	<LOD	80		NA			80717	1440
Pass	<LOD	80		NA			82304	1435

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	10		<LOD	9		20	3
Pass	<LOD	19		<LOD	22		1155	17
Pass	70	15	Pass	<LOD	49		5617	64
Pass	<LOD	14		17	5	Pass	418	9
Pass	<LOD	15		<LOD	15		452	10
Pass	<LOD	15		16	5	Pass	463	10
Pass	<LOD	20		<LOD	22		1114	18
Pass	<LOD	21		24	7	Pass	1119	18
Pass	<LOD	21		<LOD	23		1175	18
Pass	<LOD	17		<LOD	18		792	13
Pass	<LOD	18		<LOD	19		875	14
Pass	<LOD	16		<LOD	18		771	13
Pass	<LOD	15		<LOD	15		506	10
Pass	<LOD	15		16	5	Pass	478	10
Pass	<LOD	15		27	5	Pass	469	10
Pass	<LOD	24		<LOD	24		1343	20
Pass	<LOD	24		25	8	Pass	1303	20
Pass	<LOD	23		25	8	Pass	1328	20
Pass	<LOD	14		<LOD	14		412	9
Pass	<LOD	14		<LOD	14		382	9
Pass	<LOD	14		<LOD	14		402	9
Pass	<LOD	15		<LOD	15		425	9
Pass	<LOD	15		<LOD	15		434	10
Pass	<LOD	14		<LOD	15		437	10
Pass	<LOD	28		<LOD	30		1444	25
Pass	<LOD	27		<LOD	31		1533	26
Pass	<LOD	27		<LOD	29		1422	25

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019811			225			48.18	
Pass							56.61	testing
Pass							54.42	testing
Pass							55	testing
Pass							53.26	testing
Pass							54.1	testing
Pass							54.63	testing
Pass							54.48	testing
Pass							54.28	testing
Pass							54.89	testing
Pass							52.87	testing
Pass							53.52	testing
Pass							54.29	testing
Pass							53.21	testing
Pass							54.5	testing
Pass							53.08	testing
Pass							56.5	testing
Pass							55.04	testing
Pass							55.15	testing
Pass							53.86	testing
Pass							53.18	testing
Pass							53.15	testing
Pass							54.63	testing
Pass							54.46	testing
Pass							54.1	testing
Pass							58.32	testing
Pass							58.39	testing
Pass							57.98	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
5-Aug-08	1			-0.01977			PASS	Standardiz
5-Aug-08	2				NIST2709	low		Soil
5-Aug-08	3				NIST2711	medium		Soil
5-Aug-08	4				NIST2710	high		Soil
5-Aug-08	5				20017	F1		Soil
5-Aug-08	6				20017	F1		Soil
5-Aug-08	7				20017	F1		Soil
5-Aug-08	8				20017	F2		Soil
5-Aug-08	9				20017	F2		Soil
5-Aug-08	10				20017	F2		Soil
5-Aug-08	11				20017	B1		Soil
5-Aug-08	12				20017	B1		Soil
5-Aug-08	13				20017	B1		Soil
5-Aug-08	14				20017	B2		Soil
5-Aug-08	15				20017	B2		Soil
5-Aug-08	16				20017	B2		Soil
5-Aug-08	17				20017	DZ		Soil
5-Aug-08	18				20017	DZ		Soil
5-Aug-08	19				20017	DZ		Soil
5-Aug-08	20				20017	DW		Soil
5-Aug-08	21				20017	DW		Soil
5-Aug-08	22				20017	DW		Soil
5-Aug-08	23				20008	F1		Soil
5-Aug-08	24				20008	F1		Soil
5-Aug-08	25				20008	F1		Soil
5-Aug-08	26				20008	F2		Soil
5-Aug-08	27				20008	F2		Soil
5-Aug-08	28				20008	F2		Soil
5-Aug-08	29				20008	B1		Soil
5-Aug-08	30				20008	B1		Soil
5-Aug-08	31				20008	B1		Soil
5-Aug-08	32				20008	B2		Soil
5-Aug-08	33				20008	B2		Soil
5-Aug-08	34				20008	B2		Soil
5-Aug-08	35				20008	DZ		Soil
5-Aug-08	36				20008	DZ		Soil
5-Aug-08	37				20758	F1		Soil
5-Aug-08	38				20008	GZ		Soil
5-Aug-08	39				20008	GZ		Soil
5-Aug-08	40				20008	GZ		Soil
5-Aug-08	41				20008	DW		Soil
5-Aug-08	42				20008	DW		Soil
5-Aug-08	43				20008	DW		Soil
5-Aug-08	44				20027	F1		Soil
5-Aug-08	45			-0.017265			PASS	Standardiz
5-Aug-08	46				20027	F1		Soil
5-Aug-08	47				20027	F1		Soil
5-Aug-08	48				20027	F2		Soil
5-Aug-08	49				20027	F2		Soil
5-Aug-08	50				20027	F2		Soil

5-Aug-08	51	20027	B1	Soil
5-Aug-08	52	20027	B1	Soil
5-Aug-08	53	20027	B1	Soil
5-Aug-08	54	20027	B2	Soil
5-Aug-08	55	20027	B2	Soil
5-Aug-08	56	20027	B2	Soil
5-Aug-08	57	20027	DZ	Soil
5-Aug-08	58	20027	DZ	Soil
5-Aug-08	59	20758	F1	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
9:25:11								
9:26:49				<LOD		0	NA	
9:29:46				<LOD		0	NA	
9:32:27				<LOD		0	NA	
9:41:19	shot 1			<LOD		0	NA	
9:43:41	shot 2			<LOD		0	NA	
9:47:38	shot 3			<LOD		0	NA	
9:51:00	shot 1			<LOD		0	NA	
9:53:23	shot 2			<LOD		0	NA	
9:55:37	shot 3			<LOD		0	NA	
9:57:46	shot 1			<LOD		0	NA	
10:00:41	shot 2			<LOD		0	NA	
10:02:51	shot 3			<LOD		0	NA	
10:05:11	shot 1			<LOD		0	NA	
10:08:45	shot 2			<LOD		0	NA	
10:11:06	shot 3			<LOD		0	NA	
10:14:57	shot 1			<LOD		0	NA	
10:17:16	shot 2			<LOD		0	NA	
10:19:48	shot 3			<LOD		0	NA	
10:22:09	shot 1			<LOD		0	NA	
10:24:46	shot 2			<LOD		0	NA	
10:26:57	shot 3			<LOD		0	NA	
10:29:16	shot 1			<LOD		0	NA	
10:33:01	shot 2			<LOD		0	NA	
10:35:10	shot 3			<LOD		0	NA	
10:37:27	shot 1			<LOD		0	NA	
10:39:32	shot 2			<LOD		0	NA	
10:41:49	shot 3			<LOD		0	NA	
10:44:20	shot 1			<LOD		0	NA	
10:46:37	shot 2			<LOD		0	NA	
10:49:01	shot 3			<LOD		0	NA	
10:51:16	shot 1			<LOD		0	NA	
10:53:33	shot 2			<LOD		0	NA	
10:56:01	shot 3			<LOD		0	NA	
11:48:47	shot 1			<LOD		0	NA	
11:51:11	shot 2			<LOD		0	NA	
11:53:27	shot 2			<LOD		0	NA	
11:55:46	shot 1			<LOD		0	NA	
11:58:00	shot 2			<LOD		0	NA	
12:00:36	shot 3			<LOD		0	NA	
12:02:51	shot 1			<LOD		0	NA	
12:05:12	shot 2			<LOD		0	NA	
12:07:46	shot 3			<LOD		0	NA	
14:17:40	shot 1			<LOD		0	NA	
14:20:24								
14:21:43	shot 2			<LOD		0	NA	
15:47:31	shot 3			<LOD		0	NA	
15:50:59	shot 1			<LOD		0	NA	
15:54:13	shot 2			<LOD		0	NA	
15:56:36	shot 3			<LOD		0	NA	

15:59:02	shot 1	<LOD	0	NA
16:01:31	shot 2	<LOD	0	NA
16:04:38	shot 3	<LOD	0	NA
16:07:25	shot 1	<LOD	0	NA
16:09:44	shot 2	<LOD	0	NA
16:12:13	shot 3	<LOD	0	NA
16:15:12	shot 1	<LOD	0	NA
16:17:30	shot 2	<LOD	0	NA
16:20:35	shot 2	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
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	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	

NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3220	308	Pass	144	34
	NA			3181	310	Pass	121	34
	NA			2923	385	Pass	<LOD	130
	NA			3643	489	Pass	254	46
	NA			3567	503	Pass	212	46
	NA			3263	495	Pass	<LOD	131
	NA			4103	419	Pass	154	38
	NA			4369	427	Pass	249	41
	NA			3471	418	Pass	195	39
	NA			4054	328	Pass	<LOD	94
	NA			4276	321	Pass	124	32
	NA			3781	317	Pass	101	32
	NA			4477	371	Pass	126	36
	NA			4509	347	Pass	120	34
	NA			4799	365	Pass	144	36
	NA			4650	346	Pass	128	34
	NA			4325	338	Pass	<LOD	98
	NA			4129	336	Pass	<LOD	98
	NA			2459	558	Pass	220	51
	NA			2619	575	Pass	339	54
	NA			3260	561	Pass	207	50
	NA			3908	392	Pass	150	37
	NA			4206	405	Pass	121	36
	NA			4372	397	Pass	142	36
	NA			3572	341	Pass	128	33
	NA			4019	337	Pass	172	33
	NA			4131	341	Pass	118	32
	NA			2764	467	Pass	182	44
	NA			3935	476	Pass	134	43
	NA			3237	465	Pass	143	43
	NA			4211	472	Pass	241	44
	NA			4291	504	Pass	205	46
	NA			3020	481	Pass	137	44
	NA			3220	364	Pass	164	36
	NA			4017	374	Pass	142	35
	NA			3762	365	Pass	129	34
	NA			4308	323	Pass	110	31
	NA			4267	324	Pass	116	31
	NA			4295	324	Pass	<LOD	90
	NA			2844	886	Pass	283	74
	NA			<LOD	2493		324	72
	NA			<LOD	2742		450	80
	NA			3293	340	Pass	<LOD	98
	NA			3092	317	Pass	<LOD	96
	NA			2558	337	Pass	111	34
	NA			2905	338	Pass	<LOD	98
	NA			3252	346	Pass	149	35
	NA			3163	350	Pass	<LOD	99

NA	2376	418	Pass	<LOD		118
NA	2992	398	Pass		166	41
NA	2664	404	Pass	<LOD		119
NA	3600	370	Pass	<LOD		99
NA	3926	366	Pass	<LOD		101
NA	3804	370	Pass	<LOD		102
NA	3676	334	Pass	<LOD		95
NA	3900	332	Pass	<LOD		91
NA	4212	346	Pass		133	33

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	420	30	Pass	31585	311	Pass	<LOD	166
Pass	469	31	Pass	25251	263	Pass	<LOD	152
	10096	157	Pass	38758	428	Pass	<LOD	209
Pass	684	37	Pass	24571	257	Pass	<LOD	153
Pass	793	39	Pass	25827	272	Pass	<LOD	156
	705	37	Pass	24459	257	Pass	<LOD	152
Pass	706	34	Pass	17818	189	Pass	<LOD	125
Pass	740	35	Pass	18437	196	Pass	<LOD	129
Pass	730	34	Pass	17873	189	Pass	<LOD	125
	638	33	Pass	23028	234	Pass	<LOD	143
Pass	646	33	Pass	22760	231	Pass	<LOD	142
Pass	659	33	Pass	22675	230	Pass	<LOD	141
Pass	713	35	Pass	26819	269	Pass	<LOD	154
Pass	614	33	Pass	25935	259	Pass	<LOD	152
Pass	632	34	Pass	26638	267	Pass	<LOD	155
Pass	822	37	Pass	26040	264	Pass	<LOD	151
	747	35	Pass	25350	256	Pass	<LOD	149
	720	35	Pass	25294	254	Pass	<LOD	149
Pass	862	42	Pass	29672	312	Pass	<LOD	171
Pass	878	42	Pass	29236	304	Pass	<LOD	168
Pass	904	43	Pass	28183	298	Pass	<LOD	166
Pass	526	31	Pass	16410	178	Pass	<LOD	122
Pass	491	30	Pass	16893	182	Pass	<LOD	124
Pass	572	32	Pass	16802	182	Pass	<LOD	123
Pass	553	29	Pass	12512	141	Pass	<LOD	104
Pass	514	28	Pass	12604	139	Pass	<LOD	102
Pass	510	28	Pass	12753	142	Pass	<LOD	104
Pass	752	38	Pass	24752	260	Pass	<LOD	152
Pass	880	40	Pass	25197	263	Pass	<LOD	153
Pass	829	39	Pass	25354	265	Pass	<LOD	155
Pass	878	39	Pass	26393	267	Pass	<LOD	153
Pass	1003	43	Pass	28831	295	Pass	<LOD	163
Pass	825	40	Pass	26702	279	Pass	<LOD	156
Pass	533	30	Pass	16476	177	Pass	<LOD	119
Pass	490	29	Pass	16681	177	Pass	<LOD	121
Pass	576	31	Pass	16903	180	Pass	<LOD	120
Pass	536	29	Pass	15641	168	Pass	<LOD	116
Pass	543	29	Pass	15519	165	Pass	<LOD	114
	542	29	Pass	15529	166	Pass	<LOD	115
Pass	1364	57	Pass	30439	345	Pass	<LOD	184
Pass	1196	53	Pass	27617	313	Pass	<LOD	175
Pass	1186	55	Pass	28704	330	Pass	<LOD	180
	560	31	Pass	26150	254	Pass	<LOD	148
	491	30	Pass	26218	254	Pass	<LOD	147
Pass	649	33	Pass	26403	258	Pass	<LOD	148
	843	35	Pass	18773	194	Pass	<LOD	126
Pass	745	34	Pass	18673	194	Pass	<LOD	127
	823	35	Pass	19544	201	Pass	<LOD	127

	773	38	Pass	35232	347	Pass	<LOD	179
Pass	797	39	Pass	36993	364	Pass	<LOD	183
	821	39	Pass	35779	351	Pass	<LOD	177
	685	33	Pass	18881	199	Pass	<LOD	128
	680	33	Pass	18201	192	Pass	<LOD	124
	685	34	Pass	18379	197	Pass	<LOD	129
	762	34	Pass	18065	187	Pass	<LOD	123
	737	33	Pass	17822	185	Pass	<LOD	121
Pass	759	34	Pass	18036	189	Pass	<LOD	123

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	92	12	Pass	<LOD	20		92	5
	33	10	Pass	93	9	Pass	303	9
	<LOD	41		3098	46	Pass	7112	82
	53	11	Pass	39	7	Pass	182	7
	43	11	Pass	35	7	Pass	210	8
	63	11	Pass	40	7	Pass	181	7
	45	10	Pass	<LOD	20		184	7
	30	10	Pass	31	7	Pass	198	7
	<LOD	28		27	7	Pass	198	7
	31	10	Pass	35	7	Pass	149	6
	<LOD	30		34	7	Pass	137	6
	39	10	Pass	38	7	Pass	136	6
	<LOD	31		51	7	Pass	179	7
	35	10	Pass	41	7	Pass	180	7
	50	11	Pass	51	7	Pass	172	7
	50	10	Pass	43	7	Pass	154	6
	54	11	Pass	33	7	Pass	164	7
	43	10	Pass	43	7	Pass	161	6
	64	12	Pass	62	8	Pass	324	10
	61	12	Pass	52	8	Pass	348	10
	58	11	Pass	46	8	Pass	293	9
	30	10	Pass	46	7	Pass	131	6
	31	10	Pass	30	7	Pass	134	6
	39	10	Pass	26	7	Pass	133	6
	<LOD	25		23	6	Pass	80	5
	<LOD	25		<LOD	18		77	5
	<LOD	25		19	6	Pass	92	5
	37	11	Pass	78	8	Pass	301	9
	43	11	Pass	71	8	Pass	301	9
	41	11	Pass	87	9	Pass	300	9
	<LOD	31		41	7	Pass	279	8
	72	12	Pass	49	8	Pass	308	9
	39	11	Pass	33	8	Pass	282	9
	31	9	Pass	22	7	Pass	191	7
	<LOD	27		24	7	Pass	176	7
	<LOD	27		28	7	Pass	183	7
	29	9	Pass	28	7	Pass	103	5
	28	9	Pass	26	7	Pass	103	5
	<LOD	26		32	7	Pass	102	5
	64	13	Pass	50	9	Pass	316	10
	44	12	Pass	38	9	Pass	351	11
	46	12	Pass	56	9	Pass	347	11
	<LOD	28		20	6	Pass	239	7
	35	10	Pass	23	7	Pass	233	7
	<LOD	28		31	7	Pass	252	8
	38	9	Pass	30	7	Pass	306	9
	<LOD	27		29	7	Pass	300	8
	31	9	Pass	40	7	Pass	311	9

<LOD		33		47	8	Pass	445	11
	39	11	Pass	56	8	Pass	480	11
	50	11	Pass	49	8	Pass	446	11
<LOD		28		36	7	Pass	366	10
<LOD		28		37	7	Pass	349	9
<LOD		29		43	7	Pass	354	9
<LOD		27		55	7	Pass	932	16
<LOD		27		64	7	Pass	907	15
<LOD		27		57	7	Pass	918	16

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	15	2	Pass	<LOD	3		91	2
Pass	101	9	Pass	<LOD	5		112	3
Pass	692	24	Pass	<LOD	11		130	4
Pass	18	5	Pass	<LOD	4		67	2
Pass	16	5	Pass	<LOD	4		65	2
Pass	19	5	Pass	<LOD	4		65	2
Pass	<LOD	11		<LOD	3		69	2
Pass	12	4	Pass	<LOD	4		73	2
Pass	<LOD	11		<LOD	4		68	2
Pass	<LOD	11		<LOD	3		72	2
Pass	11	4	Pass	<LOD	3		74	2
Pass	12	3	Pass	<LOD	3		71	2
Pass	17	4	Pass	<LOD	3		81	2
Pass	17	4	Pass	<LOD	3		76	2
Pass	24	4	Pass	<LOD	3		76	2
Pass	24	4	Pass	<LOD	4		84	2
Pass	18	4	Pass	<LOD	3		80	2
Pass	23	4	Pass	<LOD	3		80	2
Pass	23	6	Pass	<LOD	4		62	2
Pass	22	6	Pass	<LOD	4		65	2
Pass	<LOD	17		<LOD	4		61	2
Pass	<LOD	19		<LOD	4		59	2
Pass	<LOD	19		<LOD	4		58	2
Pass	<LOD	19		<LOD	4		61	2
Pass	<LOD	12		<LOD	3		62	2
Pass	<LOD	12		<LOD	3		59	2
Pass	<LOD	12		<LOD	3		60	2
Pass	33	9	Pass	<LOD	5		64	2
Pass	37	9	Pass	<LOD	5		62	2
Pass	42	9	Pass	<LOD	5		63	2
Pass	54	9	Pass	<LOD	5		57	2
Pass	35	10	Pass	<LOD	5		64	2
Pass	40	10	Pass	<LOD	5		60	2
Pass	<LOD	20		<LOD	4		62	2
Pass	<LOD	20		<LOD	4		59	2
Pass	23	7	Pass	<LOD	4		58	2
Pass	<LOD	17		<LOD	4		63	2
Pass	<LOD	17		<LOD	4		62	2
Pass	<LOD	17		<LOD	4		64	2
Pass	74	12	Pass	<LOD	6		43	2
Pass	41	12	Pass	<LOD	6		50	2
Pass	61	12	Pass	<LOD	6		49	2
Pass	<LOD	14		<LOD	3		67	2
Pass	23	5	Pass	<LOD	3		67	2
Pass	23	5	Pass	<LOD	3		68	2
Pass	<LOD	24		<LOD	4		59	2
Pass	28	8	Pass	<LOD	4		59	2
Pass	30	8	Pass	<LOD	4		65	2

Pass		22	5	Pass	<LOD	4	58	2
Pass		23	5	Pass	<LOD	4	62	2
Pass		30	5	Pass	<LOD	4	56	2
Pass	<LOD		17		<LOD	4	72	2
Pass	<LOD		17		<LOD	4	67	2
Pass		18	6	Pass	<LOD	4	71	2
Pass		43	9	Pass	<LOD	5	59	2
Pass		32	9	Pass	<LOD	5	59	2
Pass		34	10	Pass	<LOD	5	58	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	235	4	Pass	87	3	Pass	<LOD	7
Pass	257	4	Pass	261	5	Pass	<LOD	8
Pass	345	6	Pass	46	4	Pass	24	3
Pass	191	4	Pass	319	5	Pass	<LOD	8
Pass	179	3	Pass	233	5	Pass	9	3
Pass	189	4	Pass	302	5	Pass	8	3
Pass	165	3	Pass	486	6	Pass	<LOD	8
Pass	164	3	Pass	471	6	Pass	10	3
Pass	165	3	Pass	457	6	Pass	<LOD	8
Pass	78	2	Pass	380	5	Pass	<LOD	8
Pass	82	2	Pass	399	6	Pass	<LOD	8
Pass	83	2	Pass	415	6	Pass	10	3
Pass	91	2	Pass	418	6	Pass	<LOD	8
Pass	93	2	Pass	418	6	Pass	<LOD	8
Pass	96	2	Pass	414	6	Pass	<LOD	8
Pass	91	2	Pass	409	6	Pass	9	3
Pass	87	2	Pass	402	6	Pass	9	3
Pass	82	2	Pass	397	6	Pass	<LOD	8
Pass	216	4	Pass	255	5	Pass	9	3
Pass	234	4	Pass	270	5	Pass	<LOD	8
Pass	218	4	Pass	254	5	Pass	<LOD	8
Pass	145	3	Pass	561	7	Pass	<LOD	8
Pass	144	3	Pass	542	7	Pass	<LOD	8
Pass	151	3	Pass	558	7	Pass	10	3
Pass	125	3	Pass	558	7	Pass	9	3
Pass	123	3	Pass	547	7	Pass	9	3
Pass	127	3	Pass	562	7	Pass	9	3
Pass	180	4	Pass	346	6	Pass	<LOD	8
Pass	183	4	Pass	356	6	Pass	<LOD	8
Pass	181	4	Pass	303	5	Pass	<LOD	8
Pass	166	3	Pass	309	5	Pass	<LOD	8
Pass	183	4	Pass	330	5	Pass	12	3
Pass	165	3	Pass	294	5	Pass	<LOD	8
Pass	119	3	Pass	471	6	Pass	<LOD	8
Pass	119	3	Pass	467	6	Pass	<LOD	8
Pass	120	3	Pass	478	6	Pass	<LOD	8
Pass	102	2	Pass	527	7	Pass	<LOD	8
Pass	96	2	Pass	520	6	Pass	<LOD	8
Pass	101	2	Pass	532	7	Pass	<LOD	8
Pass	465	7	Pass	305	6	Pass	<LOD	9
Pass	435	7	Pass	340	6	Pass	<LOD	9
Pass	467	7	Pass	352	6	Pass	10	3
Pass	96	2	Pass	294	5	Pass	10	2
Pass	94	2	Pass	279	5	Pass	<LOD	7
Pass	100	2	Pass	283	5	Pass	<LOD	7
Pass	119	3	Pass	348	5	Pass	<LOD	8
Pass	126	3	Pass	346	5	Pass	<LOD	8
Pass	126	3	Pass	358	5	Pass	10	3

Pass	209	4	Pass	154	4	Pass	15	3
Pass	205	4	Pass	156	4	Pass	19	3
Pass	202	4	Pass	153	4	Pass	11	3
Pass	134	3	Pass	433	6	Pass	11	3
Pass	138	3	Pass	458	6	Pass	13	3
Pass	142	3	Pass	457	6	Pass	11	3
Pass	111	3	Pass	330	5	Pass	8	2
Pass	105	3	Pass	338	5	Pass	<LOD	7
Pass	108	3	Pass	339	5	Pass	<LOD	8

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	29		<LOD	35		<LOD	56
	<LOD	30		42	13	Pass	<LOD	62
Pass	46	11	Pass	<LOD	42		<LOD	68
	<LOD	30		<LOD	38		<LOD	63
Pass	<LOD	31		<LOD	38		<LOD	64
Pass	<LOD	30		<LOD	38		<LOD	62
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	29		<LOD	37		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	32		<LOD	39		<LOD	65
	<LOD	31		<LOD	38		<LOD	64
	<LOD	31		<LOD	39		<LOD	64
	<LOD	29		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	61
Pass	<LOD	29		<LOD	37		<LOD	61
Pass	<LOD	29		<LOD	35		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	60
Pass	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	38		<LOD	62
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	60
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	34		51	14	Pass	<LOD	70
	<LOD	34		<LOD	41		75	23
Pass	36	12	Pass	<LOD	42		71	24
Pass	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	55
	<LOD	28		<LOD	35		<LOD	56
	<LOD	29		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	56
Pass	<LOD	29		<LOD	35		<LOD	57

Pass	<LOD	30	<LOD	36	<LOD	58
Pass	<LOD	30	<LOD	36	<LOD	58
Pass	<LOD	30	<LOD	36	<LOD	58
Pass	<LOD	29	<LOD	36	<LOD	58
Pass	<LOD	29	<LOD	35	<LOD	57
Pass	<LOD	29	<LOD	36	<LOD	58
Pass	<LOD	28	<LOD	35	<LOD	56
	<LOD	28	<LOD	35	<LOD	57
	<LOD	29	<LOD	35	<LOD	57

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	59		NA			862	191
	<LOD	66		NA			809	191
	<LOD	72		NA			1146	246
	<LOD	66		NA			9380	360
	<LOD	67		NA			9854	371
	<LOD	66		NA			9984	368
	<LOD	63		NA			6318	294
	<LOD	63		NA			6310	298
	<LOD	62		NA			6877	300
	<LOD	64		NA			1478	203
	<LOD	63		NA			1072	193
	<LOD	64		NA			1338	197
	<LOD	64		NA			2793	238
	<LOD	63		NA			1831	215
	<LOD	64		NA			2300	229
	<LOD	65		NA			1448	211
	<LOD	64		NA			1508	208
	<LOD	63		NA			1669	209
	<LOD	68		NA			13470	432
	<LOD	66		NA			14904	448
	<LOD	68		NA			13082	428
	<LOD	64		NA			4891	270
	<LOD	64		NA			5320	278
	<LOD	64		NA			4704	269
	<LOD	61		NA			3204	227
	<LOD	60		NA			2929	220
	<LOD	61		NA			2898	222
	<LOD	65		NA			8650	346
	<LOD	66		NA			8314	343
	<LOD	65		NA			8140	339
	<LOD	64		NA			8439	340
	<LOD	65		NA			9476	366
	<LOD	65		NA			8988	355
	<LOD	62		NA			4232	252
	<LOD	61		NA			4194	252
	<LOD	61		NA			3869	246
	<LOD	63		NA			1616	199
	<LOD	62		NA			1858	202
	<LOD	62		NA			1756	201
	<LOD	73		NA			34351	754
Pass	<LOD	72		NA			31878	711
Pass	<LOD	75		NA			38136	802
	<LOD	58		NA			2945	227
	<LOD	57		NA			2065	207
	<LOD	58		NA			3226	232
	<LOD	60		NA			3313	230
	<LOD	59		NA			3373	234
	<LOD	60		NA			3623	238

<LOD	60	NA	6180	302
<LOD	60	NA	4501	277
<LOD	60	NA	5288	287
<LOD	60	NA	3981	251
<LOD	59	NA	3653	244
<LOD	60	NA	3661	248
<LOD	59	NA	2624	218
<LOD	59	NA	2378	213
<LOD	60	NA	2565	222

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	11		<LOD	8		14	3
Pass	<LOD	19		<LOD	22		1166	17
Pass	71	15	Pass	<LOD	50		5758	66
Pass	<LOD	13		16	4	Pass	263	8
Pass	<LOD	14		<LOD	13		286	8
Pass	<LOD	13		<LOD	13		276	8
Pass	<LOD	13		<LOD	11		190	6
Pass	<LOD	12		<LOD	11		180	6
Pass	<LOD	12		<LOD	12		198	6
Pass	<LOD	11		<LOD	10		161	6
Pass	<LOD	12		<LOD	11		158	6
Pass	<LOD	11		<LOD	11		152	6
Pass	<LOD	13		<LOD	12		233	7
Pass	<LOD	12		<LOD	12		225	7
Pass	<LOD	12		12	4	Pass	211	7
Pass	<LOD	12		<LOD	11		186	6
Pass	<LOD	12		<LOD	11		185	6
Pass	<LOD	12		<LOD	11		184	6
Pass	<LOD	15		<LOD	15		456	10
Pass	<LOD	15		<LOD	15		390	9
Pass	<LOD	15		<LOD	15		426	10
Pass	<LOD	14		<LOD	16		579	11
Pass	<LOD	15		<LOD	16		591	11
Pass	<LOD	14		<LOD	16		586	11
Pass	<LOD	11		<LOD	11		214	6
Pass	<LOD	11		<LOD	11		226	7
Pass	<LOD	11		<LOD	11		224	7
Pass	<LOD	19		<LOD	22		1275	19
Pass	<LOD	19		<LOD	22		1295	19
Pass	<LOD	19		<LOD	23		1302	19
Pass	<LOD	19		32	7	Pass	1214	18
Pass	<LOD	19		<LOD	23		1320	19
Pass	<LOD	19		<LOD	23		1348	19
Pass	<LOD	15		<LOD	16		701	12
Pass	<LOD	15		<LOD	16		713	12
Pass	<LOD	14		<LOD	16		681	12
Pass	<LOD	13		<LOD	14		513	10
Pass	<LOD	13		<LOD	15		535	10
Pass	<LOD	13		<LOD	15		518	10
Pass	<LOD	24		<LOD	28		1656	25
Pass	<LOD	24		<LOD	28		1652	24
Pass	<LOD	23		<LOD	28		1645	25
Pass	<LOD	12		<LOD	13		333	8
Pass	<LOD	12		<LOD	12		318	8
Pass	<LOD	13		<LOD	13		344	8
Pass	<LOD	17		<LOD	20		1048	15
Pass	<LOD	16		<LOD	19		1045	15
Pass	<LOD	17		22	7	Pass	1069	16

Pass	<LOD	14	<LOD		14		385	9
Pass	<LOD	14	<LOD		14		384	9
Pass	<LOD	14	<LOD		14		401	9
Pass	<LOD	13	<LOD		15		513	10
Pass	<LOD	13	<LOD		15		493	10
Pass	<LOD	14	<LOD		15		489	10
Pass	<LOD	19		23	8	Pass	1484	19
Pass	<LOD	19		24	8	Pass	1463	19
Pass	<LOD	19	<LOD		23		1499	20

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019825			223			47.52	
Pass							56.46	testing
Pass							54.71	testing
Pass							55.28	testing
Pass							54.06	testing
Pass							54.32	testing
Pass							53.84	testing
Pass							52.95	testing
Pass							53.03	testing
Pass							52.82	testing
Pass							52.67	testing
Pass							52.81	testing
Pass							53.73	testing
Pass							53.25	testing
Pass							53.29	testing
Pass							52.95	testing
Pass							53.35	testing
Pass							53.27	testing
Pass							53.46	testing
Pass							54.88	testing
Pass							54.11	testing
Pass							54.17	testing
Pass							52.28	testing
Pass							52.37	testing
Pass							52.54	testing
Pass							53.02	testing
Pass							52.89	testing
Pass							52.7	testing
Pass							54.02	testing
Pass							53.56	testing
Pass							53.96	testing
Pass							54.91	testing
Pass							53.92	testing
Pass							54.37	testing
Pass							53.45	testing
Pass							53.53	testing
Pass							53.62	testing
Pass							52.84	testing
Pass							52.49	testing
Pass							52.52	testing
Pass							55.9	testing
Pass							55.6	testing
Pass							55.92	testing
Pass							54.26	testing
	0.019807			223			46.73	
Pass							54.9	testing
Pass							54.38	testing
Pass							54.78	testing
Pass							54.22	testing
Pass							54.41	testing

Pass	56.26	testing
Pass	56.28	testing
Pass	55.84	testing
Pass	54.92	testing
Pass	54.89	testing
Pass	55.49	testing
Pass	53.04	testing
Pass	54.39	testing
Pass	54.85	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
6-Aug-08	1			-0.016293			PASS	Standardiz
6-Aug-08	2				NIST2710	high		Soil
6-Aug-08	3				NIST2709	low		Soil
6-Aug-08	4				NIST2711	medium		Soil
6-Aug-08	5				20019	F1		Soil
6-Aug-08	6				20019	F1		Soil
6-Aug-08	7				20019	F1		Soil
6-Aug-08	8				20019	F2		Soil
6-Aug-08	9				20019	F2		Soil
6-Aug-08	10				20019	F2		Soil
6-Aug-08	11				20019	B1		Soil
6-Aug-08	12				20019	B1		Soil
6-Aug-08	13				20019	B1		Soil
6-Aug-08	14				20019	B2		Soil
6-Aug-08	15				20019	B2		Soil
6-Aug-08	16				20019	B2		Soil
6-Aug-08	17				20019	DZ		Soil
6-Aug-08	18				20019	DZ		Soil
6-Aug-08	19				20019	DZ		Soil
6-Aug-08	20				20019	GZ		Soil
6-Aug-08	21				20019	GZ		Soil
6-Aug-08	22				20019	GZ		Soil
6-Aug-08	23				5019	F1		Soil
6-Aug-08	24				5019	F1		Soil
6-Aug-08	25				5019	F1		Soil
6-Aug-08	26				5019	F2		Soil
6-Aug-08	27				5019	F2		Soil
6-Aug-08	28				5019	F2		Soil
6-Aug-08	29				5019	B1		Soil
6-Aug-08	30				5019	B1		Soil
6-Aug-08	31				5019	B1		Soil
6-Aug-08	32				5019	B2		Soil
6-Aug-08	33				5010	Bb2		Soil
6-Aug-08	34				5019	B2		Soil
6-Aug-08	35				5019	DZ		Soil
6-Aug-08	36				5019	DZ		Soil
6-Aug-08	37				5019	DZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
6:56:28								
6:57:52				<LOD		0	NA	
7:01:15				<LOD		0	NA	
7:03:22				<LOD		0	NA	
7:06:02	shot 1			<LOD		0	NA	
7:08:55	shot 2			<LOD		0	NA	
7:11:09	shot 3			<LOD		0	NA	
7:15:29	shot 1			<LOD		0	NA	
7:19:23	shot 2			<LOD		0	NA	
7:22:06	shot 3			<LOD		0	NA	
7:25:45	shot 1			<LOD		0	NA	
7:28:42	shot 2			<LOD		0	NA	
7:31:33	shot 3			<LOD		0	NA	
7:34:08	shot 1			<LOD		0	NA	
7:36:27	shot 2			<LOD		0	NA	
7:39:42	shot 3			<LOD		0	NA	
7:43:42	shot 1			<LOD		0	NA	
7:45:49	shot 2			<LOD		0	NA	
7:48:00	shot 3			<LOD		0	NA	
7:50:09	shot 1			<LOD		0	NA	
7:54:14	shot 2			<LOD		0	NA	
7:56:25	shot 3			<LOD		0	NA	
9:43:10	shot 1			<LOD		0	NA	
9:45:24	shot 2			<LOD		0	NA	
9:47:48	shot 3			<LOD		0	NA	
9:50:16	shot 1			<LOD		0	NA	
9:52:41	shot 2			<LOD		0	NA	
9:54:49	shot 3			<LOD		0	NA	
10:00:02	shot 1			<LOD		0	NA	
10:03:00	shot 2			<LOD		0	NA	
10:05:13	shot 3			<LOD		0	NA	
10:08:59	shot 1			<LOD		0	NA	
10:11:21	shot 2			<LOD		0	NA	
10:13:49	shot 3			<LOD		0	NA	
10:16:47	shot 1			<LOD		0	NA	
10:19:46	shot 2			<LOD		0	NA	
10:22:21	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			2960	387	Pass	<LOD	142
	NA			3370	321	Pass	111	34
	NA			3545	307	Pass	<LOD	97
	NA			3783	310	Pass	<LOD	84
	NA			3761	307	Pass	<LOD	84
	NA			3744	310	Pass	<LOD	86
	NA			4942	310	Pass	147	30
	NA			4177	301	Pass	108	29
	NA			4830	307	Pass	87	28
	NA			4187	300	Pass	<LOD	84
	NA			4181	292	Pass	88	28
	NA			4809	302	Pass	<LOD	81
	NA			3978	295	Pass	136	30
	NA			3964	299	Pass	<LOD	84
	NA			4058	302	Pass	<LOD	85
	NA			4709	314	Pass	<LOD	86
	NA			3818	302	Pass	<LOD	87
	NA			4566	317	Pass	<LOD	87
	NA			4255	312	Pass	137	31
	NA			4227	308	Pass	<LOD	86
	NA			4104	306	Pass	<LOD	88
	NA			3615	393	Pass	201	40
	NA			3419	396	Pass	<LOD	113
	NA			2906	402	Pass	<LOD	117
	NA			3088	442	Pass	194	43
	NA			4088	439	Pass	<LOD	118
	NA			2723	443	Pass	168	42
	NA			2641	432	Pass	154	42
	NA			3974	447	Pass	158	42
	NA			3048	439	Pass	228	44
	NA			3496	356	Pass	<LOD	105
	NA			3223	349	Pass	<LOD	106
	NA			3705	352	Pass	<LOD	99
	NA			3944	443	Pass	239	45
	NA			3747	440	Pass	140	42
	NA			2549	425	Pass	<LOD	122

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	10076	158	Pass	38697	430	Pass	<LOD	209
Pass	487	32	Pass	32764	325	Pass	<LOD	172
	510	32	Pass	25007	260	Pass	<LOD	156
	936	34	Pass	13576	144	Pass	<LOD	104
	862	33	Pass	13249	142	Pass	<LOD	104
	898	34	Pass	13450	144	Pass	<LOD	104
Pass	790	32	Pass	11869	131	Pass	<LOD	98
Pass	909	34	Pass	11882	133	Pass	<LOD	99
Pass	814	33	Pass	11313	127	Pass	<LOD	98
	766	32	Pass	13107	144	Pass	<LOD	103
Pass	710	31	Pass	12490	136	Pass	<LOD	101
	819	33	Pass	12774	140	Pass	<LOD	102
Pass	827	33	Pass	14334	150	Pass	<LOD	105
	904	34	Pass	14190	151	Pass	<LOD	106
	844	33	Pass	15098	158	Pass	<LOD	109
	1011	36	Pass	14311	153	Pass	<LOD	107
	1036	37	Pass	14413	155	Pass	<LOD	108
	1034	37	Pass	14363	156	Pass	<LOD	110
Pass	892	35	Pass	14967	161	Pass	<LOD	113
	923	35	Pass	14847	160	Pass	<LOD	112
	930	36	Pass	14786	160	Pass	<LOD	112
Pass	1097	42	Pass	26957	269	Pass	<LOD	153
	1139	42	Pass	27077	270	Pass	<LOD	154
	1069	42	Pass	28274	288	Pass	<LOD	161
Pass	964	41	Pass	22301	237	Pass	<LOD	145
	924	39	Pass	21379	226	Pass	<LOD	140
Pass	1000	41	Pass	22712	242	Pass	<LOD	146
Pass	1141	43	Pass	29276	295	Pass	<LOD	161
Pass	1091	43	Pass	28656	289	Pass	<LOD	161
Pass	1028	42	Pass	28302	286	Pass	<LOD	159
	1540	48	Pass	27483	280	Pass	<LOD	158
	1571	49	Pass	27003	275	Pass	<LOD	156
	1605	49	Pass	27337	276	Pass	<LOD	156
Pass	1259	46	Pass	29520	303	Pass	<LOD	167
Pass	1370	47	Pass	30011	303	Pass	<LOD	166
	1280	46	Pass	29509	301	Pass	<LOD	168

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	42		3066	46	Pass	7104	83
	88	12	Pass	28	7	Pass	106	6
	<LOD	31		90	9	Pass	334	9
	<LOD	24		<LOD	18		103	5
	<LOD	24		<LOD	18		96	5
	<LOD	24		<LOD	18		88	5
	<LOD	24		24	6	Pass	70	4
	<LOD	25		19	6	Pass	72	4
	<LOD	25		<LOD	18		72	4
	<LOD	25		28	6	Pass	90	5
	<LOD	24		22	6	Pass	88	5
	26	8	Pass	<LOD	18		101	5
	<LOD	25		365	11	Pass	147	6
	<LOD	23		367	12	Pass	145	6
	<LOD	25		366	12	Pass	146	6
	<LOD	25		<LOD	18		388	9
	<LOD	26		<LOD	18		408	10
	<LOD	26		<LOD	19		408	10
	33	9	Pass	27	7	Pass	174	6
	30	9	Pass	42	7	Pass	176	7
	32	9	Pass	34	7	Pass	169	6
	59	11	Pass	44	8	Pass	3349	39
	<LOD	31		47	8	Pass	3364	39
	50	11	Pass	53	8	Pass	3451	41
	<LOD	31		61	8	Pass	2889	36
	37	10	Pass	36	8	Pass	2797	34
	41	11	Pass	52	8	Pass	2903	36
	61	11	Pass	56	8	Pass	2633	33
	47	11	Pass	57	8	Pass	2610	33
	47	11	Pass	69	8	Pass	2525	32
	39	11	Pass	67	9	Pass	4283	48
	42	11	Pass	73	9	Pass	4184	47
	<LOD	31		72	8	Pass	4177	46
	54	12	Pass	67	9	Pass	7922	81
	47	12	Pass	55	9	Pass	7879	79
	42	12	Pass	81	9	Pass	7672	78

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	701	24	Pass	<LOD	10		130	4
Pass	12	2	Pass	<LOD	3		91	2
Pass	100	9	Pass	<LOD	5		112	3
Pass	<LOD	10		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		61	2
Pass	<LOD	9		<LOD	3		65	2
Pass	9	3	Pass	<LOD	3		65	2
Pass	<LOD	9		<LOD	3		63	2
Pass	<LOD	8		<LOD	3		67	2
Pass	<LOD	8		<LOD	3		65	2
Pass	<LOD	9		<LOD	3		67	2
Pass	<LOD	11		<LOD	3		60	2
Pass	<LOD	11		<LOD	3		64	2
Pass	<LOD	11		<LOD	3		63	2
Pass	<LOD	12		<LOD	3		68	2
Pass	<LOD	12		<LOD	3		67	2
Pass	17	4	Pass	<LOD	3		68	2
Pass	<LOD	11		<LOD	3		64	2
Pass	<LOD	11		<LOD	3		66	2
Pass	11	4	Pass	<LOD	3		60	2
Pass	19	6	Pass	5	1	Pass	66	2
Pass	<LOD	19		<LOD	4		70	2
Pass	<LOD	20		<LOD	4		65	2
Pass	<LOD	22		<LOD	4		49	2
Pass	26	7	Pass	<LOD	4		48	2
Pass	28	8	Pass	<LOD	4		51	2
Pass	26	6	Pass	<LOD	4		63	2
Pass	<LOD	17		<LOD	4		61	2
Pass	<LOD	17		<LOD	4		60	2
Pass	<LOD	17		<LOD	4		71	2
Pass	<LOD	17		<LOD	4		73	2
Pass	17	5	Pass	<LOD	4		74	2
Pass	44	8	Pass	<LOD	5		61	2
Pass	34	8	Pass	<LOD	5		63	2
Pass	33	8	Pass	<LOD	5		58	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	341	6	Pass	54	4	Pass	19	3
Pass	232	4	Pass	92	4	Pass	<LOD	8
Pass	254	4	Pass	265	5	Pass	<LOD	8
Pass	100	2	Pass	476	6	Pass	10	2
Pass	97	2	Pass	452	6	Pass	9	2
Pass	96	2	Pass	470	6	Pass	8	2
Pass	95	2	Pass	599	7	Pass	9	3
Pass	94	2	Pass	614	7	Pass	8	3
Pass	100	2	Pass	592	7	Pass	12	3
Pass	98	2	Pass	545	7	Pass	14	3
Pass	95	2	Pass	538	6	Pass	10	3
Pass	102	2	Pass	556	7	Pass	10	3
Pass	96	2	Pass	446	6	Pass	11	2
Pass	89	2	Pass	442	6	Pass	11	2
Pass	95	2	Pass	462	6	Pass	13	3
Pass	90	2	Pass	481	6	Pass	<LOD	7
Pass	91	2	Pass	477	6	Pass	12	3
Pass	95	2	Pass	486	6	Pass	14	3
Pass	137	3	Pass	531	7	Pass	<LOD	8
Pass	135	3	Pass	525	6	Pass	10	3
Pass	135	3	Pass	517	6	Pass	<LOD	8
Pass	105	3	Pass	284	5	Pass	<LOD	8
Pass	104	3	Pass	279	5	Pass	<LOD	8
Pass	99	3	Pass	271	5	Pass	<LOD	8
Pass	157	3	Pass	383	6	Pass	<LOD	8
Pass	141	3	Pass	293	5	Pass	<LOD	8
Pass	141	3	Pass	278	5	Pass	<LOD	8
Pass	141	3	Pass	205	4	Pass	<LOD	8
Pass	140	3	Pass	220	4	Pass	<LOD	8
Pass	139	3	Pass	200	4	Pass	<LOD	8
Pass	190	4	Pass	244	5	Pass	9	3
Pass	189	4	Pass	230	5	Pass	<LOD	8
Pass	186	3	Pass	212	4	Pass	<LOD	8
Pass	115	3	Pass	210	4	Pass	<LOD	8
Pass	119	3	Pass	217	4	Pass	<LOD	8
Pass	121	3	Pass	196	4	Pass	<LOD	8

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass		39	11 Pass	<LOD	42		<LOD	69
	<LOD	30		<LOD	36		<LOD	58
	<LOD	30		49	13	Pass	<LOD	62
Pass	<LOD	27		<LOD	34		<LOD	55
Pass	<LOD	27		<LOD	34		<LOD	54
Pass	<LOD	27		<LOD	33		<LOD	54
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	55
Pass	<LOD	28		<LOD	34		<LOD	55
Pass	<LOD	27		<LOD	33		<LOD	54
Pass	<LOD	27		<LOD	33		<LOD	53
Pass	<LOD	28		<LOD	34		<LOD	54
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	36		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	35		<LOD	59
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	31		<LOD	38		<LOD	63
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	60
	<LOD	29		<LOD	36		<LOD	59
	<LOD	31		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	72		NA			1084	248
	<LOD	59		NA			1025	199
	<LOD	66		NA			<LOD	548
	<LOD	57		NA			2149	198
	<LOD	56		NA			2051	196
	<LOD	56		NA			2163	199
	<LOD	60		NA			1227	184
	<LOD	60		NA			1244	183
	<LOD	60		NA			1101	181
	<LOD	58		NA			1124	181
	<LOD	57		NA			1006	175
	<LOD	57		NA			850	175
	<LOD	56		NA			1389	182
	<LOD	55		NA			1380	184
	<LOD	56		NA			1397	185
	<LOD	58		NA			1369	189
	<LOD	59		NA			1396	187
	<LOD	61		NA			1376	191
	<LOD	62		NA			1309	190
	<LOD	61		NA			1212	186
	<LOD	62		NA			1147	185
	<LOD	63		NA			4573	270
	<LOD	63		NA			4894	275
	<LOD	65		NA			5003	283
	<LOD	66		NA			7136	320
	<LOD	64		NA			6564	309
	<LOD	66		NA			7309	324
	<LOD	65		NA			6974	315
	<LOD	64		NA			6782	316
	<LOD	64		NA			7075	318
	<LOD	64		NA			2457	233
	<LOD	63		NA			2459	230
	<LOD	62		NA			2275	227
	<LOD	66		NA			5890	310
	<LOD	64		NA			6234	310
	<LOD	64		NA			6190	307

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	46		64	17	Pass	5725	66
Pass	<LOD	10		<LOD	9		20	3
	<LOD	20		<LOD	22		1168	17
Pass	<LOD	10		<LOD	10		146	5
Pass	<LOD	10		<LOD	10		143	5
Pass	<LOD	10		<LOD	10		143	5
Pass	<LOD	10		<LOD	10		115	5
Pass	<LOD	10		<LOD	9		111	5
Pass	<LOD	10		<LOD	10		110	5
Pass	<LOD	10		<LOD	10		97	5
Pass	<LOD	10		10	3	Pass	98	5
Pass	<LOD	10		<LOD	9		103	5
Pass	<LOD	10		<LOD	10		192	6
Pass	<LOD	10		<LOD	11		196	6
Pass	<LOD	11		<LOD	11		186	6
Pass	<LOD	11		<LOD	11		251	7
Pass	<LOD	11		<LOD	11		249	7
Pass	<LOD	12		<LOD	11		241	7
Pass	<LOD	11		<LOD	11		178	6
Pass	<LOD	11		<LOD	11		177	6
Pass	<LOD	11		<LOD	10		171	6
Pass	<LOD	17		<LOD	16		619	11
Pass	<LOD	16		<LOD	16		598	11
Pass	<LOD	18		<LOD	17		617	12
Pass	<LOD	18		<LOD	18		748	13
Pass	<LOD	17		<LOD	18		753	13
Pass	<LOD	19		<LOD	19		788	14
Pass	<LOD	16		<LOD	15		453	10
Pass	<LOD	16		<LOD	15		483	10
Pass	<LOD	16		<LOD	14		452	10
Pass	<LOD	16		<LOD	15		449	10
Pass	<LOD	16		<LOD	15		430	10
Pass	<LOD	16		<LOD	14		424	9
Pass	<LOD	21		<LOD	19		811	14
Pass	<LOD	21		31	7	Pass	886	15
Pass	<LOD	21		20	6	Pass	853	14

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019814				224		47.63	
Pass							55.39	testing
Pass							56.7	testing
Pass							54.42	testing
Pass							52.46	testing
Pass							54.59	testing
Pass							53.39	testing
Pass							51.77	testing
Pass							52.32	testing
Pass							52.09	testing
Pass							53.25	testing
Pass							54.23	testing
Pass							54.42	testing
Pass							53.79	testing
Pass							54.34	testing
Pass							53.63	testing
Pass							52.59	testing
Pass							52.88	testing
Pass							52.71	testing
Pass							52.03	testing
Pass							53.14	testing
Pass							52.23	testing
Pass							53.36	testing
Pass							54.46	testing
Pass							54.08	testing
Pass							53.96	testing
Pass							53.97	testing
Pass							54.44	testing
Pass							53.6	testing
Pass							54.17	testing
Pass							54.21	testing
Pass							54.84	testing
Pass							54.69	testing
Pass							55.61	testing
Pass							54.36	testing
Pass							53.72	testing
Pass							55.64	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
7-Aug-08	1			-0.019471			PASS	Standardiz
7-Aug-08	2				NIST2711	medium		Soil
7-Aug-08	3				NIST2709	low		Soil
7-Aug-08	4				NIST2710	high		Soil
7-Aug-08	5				test on standardization puck			Soil
7-Aug-08	6				NIST2710	high		Soil
7-Aug-08	7				20164	F1		Soil
7-Aug-08	8				20164	F1		Soil
7-Aug-08	9				20164	F1		Soil
7-Aug-08	10				20164	F2		Soil
7-Aug-08	11				20164	F2		Soil
7-Aug-08	12				20164	F2		Soil
7-Aug-08	13				20164	B1		Soil
7-Aug-08	14				20164	B1		Soil
7-Aug-08	15				20164	B1		Soil
7-Aug-08	16				20164	B2		Soil
7-Aug-08	17				20164	B2		Soil
7-Aug-08	18				20164	B2		Soil
7-Aug-08	19				20164	DZ		Soil
7-Aug-08	20				20164	DZ		Soil
7-Aug-08	21				20164	DZ		Soil
7-Aug-08	22				20164	PZ		Soil
7-Aug-08	23				20164	PZ		Soil
7-Aug-08	24				20164	PZ		Soil
7-Aug-08	25				5015	F1		Soil
7-Aug-08	26				5015	F1		Soil
7-Aug-08	27				5015	F1		Soil
7-Aug-08	28				5015	F2		Soil
7-Aug-08	29				5015	F2		Soil
7-Aug-08	30				5015	F2		Soil
7-Aug-08	31				5015	B1		Soil
7-Aug-08	32				5015	B1		Soil
7-Aug-08	33				5015	B1		Soil
7-Aug-08	34				5015	B2		Soil
7-Aug-08	35				5015	B2		Soil
7-Aug-08	36				5015	B2		Soil
7-Aug-08	37				5015	DZ		Soil
7-Aug-08	38				5015	DZ		Soil
7-Aug-08	39				5015	DZ		Soil
7-Aug-08	40				5015	DW		Soil
7-Aug-08	41				5015	DW		Soil
7-Aug-08	42				5015	DW		Soil
7-Aug-08	43				5041	F1		Soil
7-Aug-08	44				5041	F1		Soil
7-Aug-08	45				5041	F1		Soil
7-Aug-08	46				5041	F2		Soil
7-Aug-08	47				5041	F2		Soil
7-Aug-08	48				5041	F2		Soil
7-Aug-08	49				5041	B1		Soil
7-Aug-08	50				5041	B1		Soil

7-Aug-08	51		5041	B1		Soil
7-Aug-08	52		5041	B2		Soil
7-Aug-08	53		5041	B2		Soil
7-Aug-08	54		5041	B2		Soil
7-Aug-08	55		5041	DZ		Soil
7-Aug-08	56		5041	DZ		Soil
7-Aug-08	57		5041	DZ		Soil
7-Aug-08	58	-0.017983			PASS	Standardiz
7-Aug-08	59		NIST2709	low		Soil
7-Aug-08	60		NIST2711	medium		Soil
7-Aug-08	61		NIST2710	high		Soil
7-Aug-08	62		5042	F1		Soil
7-Aug-08	63		5042	F1		Soil
7-Aug-08	64		5042	F2		Soil
7-Aug-08	65		5042	F1		Soil
7-Aug-08	66		5042	F2		Soil
7-Aug-08	67		5042	F2		Soil
7-Aug-08	68		5042	B1		Soil
7-Aug-08	69		5042	B1		Soil
7-Aug-08	70		5042	B1		Soil
7-Aug-08	71		5042	B2		Soil
7-Aug-08	72		5042	B2		Soil
7-Aug-08	73		5042	B2		Soil
7-Aug-08	74		5042	DZ		Soil
7-Aug-08	75		5042	DZ		Soil
7-Aug-08	76		5042	DZ		Soil
7-Aug-08	77		5031	F1		Soil
7-Aug-08	78		5031	F1		Soil
7-Aug-08	79		5031	F1		Soil
7-Aug-08	80		5031	F2		Soil
7-Aug-08	81		5031	F2		Soil
7-Aug-08	82		5031	F2		Soil
7-Aug-08	83		5031	B1		Soil
7-Aug-08	84		5031	B1		Soil
7-Aug-08	85		5031	B1		Soil
7-Aug-08	86		5031	B2		Soil
7-Aug-08	87		5031	B2		Soil
7-Aug-08	88		5031	B2		Soil
7-Aug-08	89		5031	DZ		Soil
7-Aug-08	90		5031	DZ		Soil
7-Aug-08	91		5031	DZ		Soil
7-Aug-08	92		20133	F1-10 sieve		Soil
7-Aug-08	93		20133	F1-10 sieve		Soil
7-Aug-08	94		20133	F1-10 sieve		Soil
7-Aug-08	95		20133	F1-60 sieve		Soil
7-Aug-08	96		20133	F1-60 sieve		Soil
7-Aug-08	97		20133	F1-60 sieve		Soil
7-Aug-08	98		20133	F2		Soil
7-Aug-08	99		20133	F2		Soil
7-Aug-08	100		20133	F2		Soil
7-Aug-08	101		20133	B1		Soil

7-Aug-08	102	20144	B1	Soil
7-Aug-08	103	20133	B1	Soil
7-Aug-08	104	20133	B2	Soil
7-Aug-08	105	20133	B2	Soil
7-Aug-08	106	20133	B2	Soil
7-Aug-08	107	20133	DZ	Soil
7-Aug-08	108	20133	DZ	Soil
7-Aug-08	109	20133	DZ	Soil
7-Aug-08	110	20133	DW	Soil
7-Aug-08	111	20133	DW	Soil
7-Aug-08	112	20133	DW	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
7:09:10								
7:10:58				<LOD		0	NA	
7:13:52				<LOD		0	NA	
7:16:51				<LOD		0	NA	
7:25:27				<LOD		0	NA	
7:50:51				<LOD		0	NA	
7:58:16	shot 1			<LOD		0	NA	
8:05:05	shot 2			<LOD		0	NA	
8:08:29	shot 3			<LOD		0	NA	
8:14:31	shot 1			<LOD		0	NA	
8:17:45	shot 2			<LOD		0	NA	
8:20:56	shot 3			<LOD		0	NA	
8:24:24	shot 1			<LOD		0	NA	
8:28:16	shot 2			<LOD		0	NA	
8:33:36	shot 3			<LOD		0	NA	
8:38:18	shot 1			<LOD		0	NA	
8:40:35	shot 2			<LOD		0	NA	
8:44:11	shot 3			<LOD		0	NA	
8:47:58	shot 1			<LOD		0	NA	
8:50:36	shot 2			<LOD		0	NA	
8:52:48	shot 3			<LOD		0	NA	
8:58:19	shot 1			<LOD		0	NA	
9:07:07	shot 2			<LOD		0	NA	
9:09:15	shot 3			<LOD		0	NA	
9:42:12	shot 1			<LOD		0	NA	
9:44:32	shot 2			<LOD		0	NA	
9:47:56	shot 3			<LOD		0	NA	
9:51:11	shot 1			<LOD		0	NA	
9:53:44	shot 2			<LOD		0	NA	
9:56:44	shot 3			<LOD		0	NA	
9:59:00	shot 1			<LOD		0	NA	
10:01:27	shot 2			<LOD		0	NA	
10:04:07	shot 3			<LOD		0	NA	
10:07:12	shot 1			<LOD		0	NA	
10:09:29	shot 2			<LOD		0	NA	
10:12:27	shot 3			<LOD		0	NA	
10:15:16	shot 1			<LOD		0	NA	
10:18:45	shot 2			<LOD		0	NA	
10:21:43	shot 3			<LOD		0	NA	
10:25:12	shot 1			<LOD		0	NA	
10:28:00	shot 2			<LOD		0	NA	
10:30:10	shot 3			<LOD		0	NA	
10:34:07	shot 1			<LOD		0	NA	
10:36:19	shot 2			<LOD		0	NA	
10:39:27	shot 3			<LOD		0	NA	
10:41:46	shot 1			<LOD		0	NA	
10:44:11	shot 2			<LOD		0	NA	
10:48:46	shot 3			<LOD		0	NA	
10:51:01	shot 1			<LOD		0	NA	
10:53:13	shot 2			<LOD		0	NA	

10:55:25	shot 3	<LOD	0	NA
10:57:58	shot 1	<LOD	0	NA
11:00:08	shot 2	<LOD	0	NA
11:03:08	shot 3	<LOD	0	NA
11:05:21	shot 1	<LOD	0	NA
11:07:34	shot 2	<LOD	0	NA
11:10:52	shot 3	<LOD	0	NA
11:28:20				
11:29:44		<LOD	0	NA
11:31:50		<LOD	0	NA
11:34:07		<LOD	0	NA
11:37:31	shot 1	<LOD	0	NA
11:39:47	shot 2	<LOD	0	NA
11:42:07	shot 1	<LOD	0	NA
11:45:44	shot 3	<LOD	0	NA
11:48:10	shot 2	<LOD	0	NA
11:50:17	shot 3	<LOD	0	NA
11:53:01	shot 1	<LOD	0	NA
11:55:15	shot 2	<LOD	0	NA
11:57:26	shot 3	<LOD	0	NA
11:59:53	shot 1	<LOD	0	NA
12:02:14	shot 2	<LOD	0	NA
12:04:22	shot 3	<LOD	0	NA
12:06:55	shot 1	<LOD	0	NA
12:09:15	shot 2	<LOD	0	NA
12:11:22	shot 3	<LOD	0	NA
13:50:38	shot 1	<LOD	0	NA
13:52:54	shot 2	<LOD	0	NA
13:54:53	shot 3	<LOD	0	NA
13:57:05	shot 1	<LOD	0	NA
13:59:32	shot 2	<LOD	0	NA
14:04:10	shot 3	<LOD	0	NA
14:06:32	shot 1	<LOD	0	NA
14:08:49	shot 2	<LOD	0	NA
14:10:59	shot 3	<LOD	0	NA
14:13:14	shot 1	<LOD	0	NA
14:15:29	shot 2	<LOD	0	NA
14:17:43	shot 3	<LOD	0	NA
14:20:02	shot 1	<LOD	0	NA
14:23:29	shot 2	<LOD	0	NA
14:25:43	shot 3	<LOD	0	NA
14:29:43	shot 1	<LOD	0	NA
14:32:33	shot 2	<LOD	0	NA
14:34:58	shot 3	<LOD	0	NA
14:37:37	shot 1	<LOD	0	NA
14:39:52	shot 2	<LOD	0	NA
14:42:11	shot 3	<LOD	0	NA
14:44:57	shot 1	<LOD	0	NA
14:47:02	shot 2	<LOD	0	NA
14:49:18	shot 3	<LOD	0	NA
14:51:32	shot 1	<LOD	0	NA

14:53:46	shot 2	<LOD	0	NA
14:56:18	shot 3	<LOD	0	NA
14:58:45	shot 1	<LOD	0	NA
15:00:54	shot 2	<LOD	0	NA
15:03:25	shot 3	<LOD	0	NA
15:06:06	shot 1	<LOD	0	NA
15:11:15	shot 2	<LOD	0	NA
15:13:28	shot 3	<LOD	0	NA
15:15:44	shot 1	<LOD	0	NA
15:17:59	shot 2	<LOD	0	NA
15:20:14	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
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K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			2664	309	Pass	<LOD	93
	NA			3413	316	Pass	115	34
	NA			3345	382	Pass	<LOD	131
	NA			<LOD	18420		1151072	30794
	NA			2930	378	Pass	<LOD	131
	NA			4078	294	Pass	<LOD	85
	NA			4326	308	Pass	116	30
	NA			3874	296	Pass	<LOD	82
	NA			4252	285	Pass	<LOD	77
	NA			3551	289	Pass	<LOD	83
	NA			4313	286	Pass	<LOD	81
	NA			3847	354	Pass	104	33
	NA			3740	365	Pass	<LOD	100
	NA			4842	365	Pass	116	33
	NA			3730	358	Pass	140	34
	NA			3099	351	Pass	<LOD	97
	NA			3578	361	Pass	142	34
	NA			3878	283	Pass	<LOD	79
	NA			3912	286	Pass	<LOD	82
	NA			3861	278	Pass	86	28
	NA			4204	290	Pass	<LOD	79
	NA			3501	290	Pass	<LOD	83
	NA			4299	293	Pass	99	28
	NA			4610	368	Pass	146	35
	NA			4398	357	Pass	<LOD	93
	NA			4226	362	Pass	122	34
	NA			3524	380	Pass	137	36
	NA			4254	380	Pass	<LOD	103
	NA			4329	395	Pass	161	37
	NA			4777	364	Pass	109	33
	NA			4395	360	Pass	122	34
	NA			4814	362	Pass	134	34
	NA			4024	366	Pass	145	36
	NA			4527	370	Pass	<LOD	98
	NA			4603	377	Pass	142	36
	NA			4722	381	Pass	<LOD	103
	NA			4636	374	Pass	118	35
	NA			4809	388	Pass	<LOD	102
	NA			3374	513	Pass	183	47
	NA			3159	522	Pass	240	49
	NA			3201	533	Pass	176	48
	NA			4301	324	Pass	<LOD	89
	NA			4639	324	Pass	<LOD	88
	NA			3978	316	Pass	105	30
	NA			3515	371	Pass	<LOD	106
	NA			3265	380	Pass	<LOD	108
	NA			2424	384	Pass	119	38
	NA			3918	343	Pass	170	34
	NA			4817	359	Pass	160	34

NA	4323	358	Pass	137	34
NA	2662	411	Pass	142	40
NA	2855	411	Pass	199	41
NA	2533	419	Pass	188	42
NA	3522	325	Pass	106	31
NA	4040	327	Pass	105	31
NA	4468	336	Pass	125	32
NA	3861	327	Pass	<LOD	102
NA	2654	305	Pass	<LOD	100
NA	2572	372	Pass	<LOD	133
NA	3103	277	Pass	<LOD	83
NA	3656	290	Pass	88	28
NA	3398	338	Pass	116	33
NA	3892	285	Pass	<LOD	83
NA	3244	340	Pass	101	33
NA	4170	347	Pass	<LOD	95
NA	3973	458	Pass	216	44
NA	4708	453	Pass	155	41
NA	5216	468	Pass	148	42
NA	4801	319	Pass	<LOD	86
NA	4259	304	Pass	<LOD	85
NA	4359	316	Pass	89	30
NA	3879	312	Pass	150	32
NA	3885	314	Pass	<LOD	89
NA	3780	321	Pass	<LOD	93
NA	3175	264	Pass	<LOD	75
NA	3279	270	Pass	<LOD	74
NA	3724	273	Pass	<LOD	76
NA	3286	366	Pass	186	38
NA	3700	353	Pass	145	36
NA	3357	354	Pass	126	36
NA	3692	282	Pass	<LOD	79
NA	4923	300	Pass	<LOD	78
NA	5114	301	Pass	91	27
NA	4592	306	Pass	104	29
NA	4939	304	Pass	<LOD	83
NA	4678	302	Pass	<LOD	79
NA	1714	242	Pass	<LOD	75
NA	1935	248	Pass	<LOD	76
NA	1924	247	Pass	<LOD	78
NA	4927	298	Pass	110	28
NA	4691	296	Pass	104	28
NA	4397	300	Pass	<LOD	82
NA	4696	297	Pass	<LOD	81
NA	3939	287	Pass	<LOD	82
NA	4807	298	Pass	91	27
NA	3577	260	Pass	92	26
NA	4103	272	Pass	<LOD	76
NA	3814	269	Pass	<LOD	72
NA	3704	299	Pass	<LOD	84

NA	4231	306	Pass	<LOD	85
NA	4771	309	Pass	<LOD	86
NA	4069	296	Pass	<LOD	83
NA	4219	291	Pass	95	28
NA	5142	306	Pass	103	29
NA	4662	302	Pass	130	29
NA	3912	299	Pass	125	30
NA	4448	298	Pass	110	29
NA	<LOD	2886		573	84
NA	<LOD	2872		441	81
NA	<LOD	2968		457	84

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	519	32	Pass	24827	258	Pass	<LOD	151
Pass	472	32	Pass	32666	322	Pass	<LOD	170
	10098	156	Pass	38170	418	Pass	<LOD	203
Pass	56243	1999	Pass	1510600	40139	Pass	<LOD	3173
	10221	157	Pass	38115	418	Pass	<LOD	205
	527	29	Pass	16750	176	Pass	<LOD	117
Pass	454	28	Pass	17364	181	Pass	<LOD	122
	477	28	Pass	17477	181	Pass	<LOD	120
	574	28	Pass	12859	139	Pass	<LOD	103
	539	28	Pass	12855	141	Pass	<LOD	103
	633	30	Pass	12889	140	Pass	<LOD	103
Pass	213	23	Pass	14612	163	Pass	<LOD	116
	223	24	Pass	15390	170	Pass	<LOD	117
Pass	264	25	Pass	15700	173	Pass	<LOD	118
Pass	466	29	Pass	13930	156	Pass	<LOD	112
	466	28	Pass	13867	155	Pass	<LOD	110
Pass	433	28	Pass	14020	157	Pass	<LOD	111
	514	28	Pass	15577	163	Pass	<LOD	113
	453	27	Pass	15705	165	Pass	<LOD	112
Pass	453	27	Pass	15681	163	Pass	<LOD	113
	496	27	Pass	13002	140	Pass	<LOD	103
	434	26	Pass	13566	145	Pass	<LOD	105
Pass	441	26	Pass	13295	143	Pass	<LOD	106
Pass	686	33	Pass	19334	199	Pass	<LOD	127
	639	32	Pass	18537	194	Pass	<LOD	127
Pass	663	33	Pass	18671	197	Pass	<LOD	129
Pass	776	35	Pass	18962	199	Pass	<LOD	128
	776	35	Pass	18465	194	Pass	<LOD	128
Pass	754	35	Pass	19182	203	Pass	<LOD	131
Pass	741	34	Pass	19463	202	Pass	<LOD	130
Pass	716	34	Pass	18662	196	Pass	<LOD	127
Pass	746	35	Pass	19711	206	Pass	<LOD	132
Pass	738	35	Pass	24401	247	Pass	<LOD	143
	662	34	Pass	22834	233	Pass	<LOD	141
Pass	639	33	Pass	22495	230	Pass	<LOD	141
	663	34	Pass	19934	210	Pass	<LOD	134
Pass	706	34	Pass	19349	203	Pass	<LOD	131
	795	36	Pass	20250	211	Pass	<LOD	135
Pass	1002	43	Pass	26883	283	Pass	<LOD	161
Pass	1025	44	Pass	27348	287	Pass	<LOD	162
Pass	899	42	Pass	26315	278	Pass	<LOD	160
	632	31	Pass	15238	164	Pass	<LOD	114
	700	32	Pass	15448	166	Pass	<LOD	117
Pass	765	33	Pass	15445	164	Pass	<LOD	115
	814	36	Pass	23438	237	Pass	<LOD	139
	771	35	Pass	22666	231	Pass	<LOD	140
Pass	905	38	Pass	24709	251	Pass	<LOD	147
Pass	678	32	Pass	17731	185	Pass	<LOD	123
Pass	677	33	Pass	19061	196	Pass	<LOD	126

Pass	762	34	Pass	18614	196	Pass	<LOD		129
Pass	891	39	Pass	29721	294	Pass	<LOD		161
Pass	869	39	Pass	30407	301	Pass	<LOD		165
Pass	910	39	Pass	30355	298	Pass	<LOD		161
Pass	644	31	Pass	14402	156	Pass	<LOD		111
Pass	627	31	Pass	14303	155	Pass	<LOD		109
Pass	689	32	Pass	14480	157	Pass	<LOD		112
	519	33	Pass	33596	334	Pass	<LOD		176
	488	32	Pass	25140	262	Pass	<LOD		153
	10066	156	Pass	38906	427	Pass	<LOD		207
	740	32	Pass	15800	165	Pass	<LOD		112
Pass	832	33	Pass	15548	162	Pass	<LOD		112
Pass	772	34	Pass	17057	178	Pass	<LOD		121
	843	33	Pass	15552	162	Pass	<LOD		112
Pass	809	34	Pass	17099	180	Pass	<LOD		120
	831	35	Pass	16836	177	Pass	<LOD		121
Pass	968	41	Pass	30182	305	Pass	<LOD		167
Pass	944	40	Pass	28589	289	Pass	<LOD		163
Pass	887	40	Pass	29977	303	Pass	<LOD		166
	531	29	Pass	17187	178	Pass	<LOD		120
	563	29	Pass	16629	172	Pass	<LOD		117
Pass	562	29	Pass	17014	176	Pass	<LOD		118
Pass	709	33	Pass	19068	195	Pass	<LOD		124
	731	33	Pass	19267	195	Pass	<LOD		127
	784	34	Pass	19655	201	Pass	<LOD		130
	174	19	Pass	7303	91	Pass	<LOD		78
	182	19	Pass	7049	89	Pass	<LOD		76
	164	19	Pass	7589	95	Pass	<LOD		79
Pass	260	28	Pass	30512	302	Pass	<LOD		166
Pass	286	27	Pass	31076	297	Pass	<LOD		162
Pass	227	26	Pass	31800	306	Pass	<LOD		166
	476	26	Pass	10563	119	Pass	<LOD		92
	515	27	Pass	10767	122	Pass		100	32
Pass	414	25	Pass	11073	125	Pass	<LOD		95
Pass	275	23	Pass	14516	154	Pass	<LOD		111
	266	23	Pass	15086	159	Pass	<LOD		112
	235	22	Pass	14823	158	Pass	<LOD		111
	168	19	Pass	6533	88	Pass	<LOD		76
	178	19	Pass	6715	90	Pass	<LOD		78
	184	20	Pass	6734	90	Pass	<LOD		76
Pass	565	28	Pass	12696	137	Pass	<LOD		101
Pass	607	29	Pass	12286	134	Pass	<LOD		100
	557	28	Pass	12228	135	Pass	<LOD		102
	569	28	Pass	11863	132	Pass	<LOD		99
	478	27	Pass	11379	128	Pass	<LOD		96
Pass	542	28	Pass	11747	131	Pass	<LOD		97
Pass	509	26	Pass	10925	119	Pass	<LOD		90
	552	27	Pass	10812	120	Pass	<LOD		93
	497	26	Pass	10759	120	Pass	<LOD		91
	578	29	Pass	15045	158	Pass	<LOD		112

	487	28	Pass	15165	160	Pass	<LOD	112
	512	28	Pass	15786	166	Pass	<LOD	115
	464	27	Pass	13972	150	Pass	<LOD	108
Pass	521	28	Pass	14035	150	Pass	<LOD	108
Pass	625	30	Pass	14633	156	Pass	<LOD	111
Pass	509	28	Pass	13195	143	Pass	<LOD	104
Pass	520	28	Pass	13576	147	Pass	<LOD	107
Pass	508	28	Pass	13275	144	Pass	<LOD	106
Pass	1138	53	Pass	17490	216	Pass	<LOD	143
Pass	1125	53	Pass	17874	220	Pass	<LOD	141
Pass	1163	54	Pass	17350	217	Pass	<LOD	143

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	31		112	9	Pass	306	9
	66	11	Pass	29	7	Pass	96	5
	<LOD	40		3051	46	Pass	7040	81
	83613	2282	Pass	2199	168	Pass	<LOD	109
	<LOD	41		2983	45	Pass	7044	81
	28	9	Pass	<LOD	19		97	5
	<LOD	27		26	7	Pass	103	5
	<LOD	27		24	6	Pass	88	5
	<LOD	25		21	6	Pass	73	4
	<LOD	25		<LOD	18		71	4
	<LOD	25		21	6	Pass	76	5
	<LOD	27		<LOD	20		158	6
	<LOD	27		34	7	Pass	177	7
	<LOD	27		22	7	Pass	181	7
	<LOD	26		<LOD	19		201	7
	60	10	Pass	<LOD	19		178	7
	28	9	Pass	27	7	Pass	205	7
	30	9	Pass	<LOD	18		79	5
	<LOD	26		<LOD	18		78	5
	<LOD	26		21	6	Pass	79	5
	<LOD	25		61	7	Pass	99	5
	<LOD	25		49	7	Pass	101	5
	<LOD	25		58	7	Pass	106	5
	37	9	Pass	26	7	Pass	208	7
	<LOD	28		23	7	Pass	209	7
	<LOD	28		27	7	Pass	219	7
	29	9	Pass	33	7	Pass	295	9
	<LOD	29		37	7	Pass	326	9
	<LOD	29		28	7	Pass	312	9
	35	10	Pass	33	7	Pass	244	8
	43	10	Pass	<LOD	20		228	7
	35	10	Pass	35	7	Pass	233	8
	34	10	Pass	<LOD	20		244	8
	36	10	Pass	28	7	Pass	226	8
	<LOD	30		31	7	Pass	226	8
	32	10	Pass	46	7	Pass	378	10
	30	10	Pass	52	7	Pass	355	9
	34	10	Pass	39	7	Pass	375	10
	47	11	Pass	35	8	Pass	352	10
	34	11	Pass	31	8	Pass	357	10
	53	11	Pass	46	8	Pass	334	10
	<LOD	26		21	6	Pass	213	7
	<LOD	27		<LOD	19		210	7
	<LOD	26		22	6	Pass	219	7
	37	10	Pass	40	7	Pass	428	10
	44	10	Pass	<LOD	20		429	10
	52	10	Pass	28	7	Pass	480	11
	<LOD	28		24	7	Pass	245	8
	31	9	Pass	37	7	Pass	259	8

		34	10	Pass		28	7	Pass		233	8
		51	11	Pass		41	7	Pass		659	13
		41	11	Pass		36	7	Pass		672	13
		61	11	Pass		29	7	Pass		674	13
		36	9	Pass		24	6	Pass		186	7
	<LOD		26			26	6	Pass		194	7
	<LOD		26			52	7	Pass		217	7
		76	12	Pass		30	7	Pass		92	5
		36	11	Pass		109	9	Pass		323	9
	<LOD		40			3047	46	Pass		7113	82
	<LOD		25			36	7	Pass		115	5
	<LOD		25		<LOD		18			117	5
		37	9	Pass		32	7	Pass		315	9
		35	9	Pass		21	6	Pass		121	5
	<LOD		27			27	7	Pass		304	8
	<LOD		26			25	7	Pass		324	9
		42	11	Pass		39	8	Pass		750	15
	<LOD		33			36	7	Pass		699	14
		39	11	Pass		27	7	Pass		716	14
		28	9	Pass		31	7	Pass		303	8
	<LOD		26			20	6	Pass		287	8
	<LOD		27		<LOD		19			309	8
	<LOD		27			26	7	Pass		285	8
	<LOD		26			28	7	Pass		277	8
		47	10	Pass		26	7	Pass		286	8
	<LOD		22		<LOD		17			40	4
	<LOD		22			18	6	Pass		42	4
	<LOD		21		<LOD		17			46	4
		43	11	Pass		23	7	Pass		174	7
		34	10	Pass	<LOD		20			183	7
		37	11	Pass		29	7	Pass		180	7
	<LOD		24			27	6	Pass		57	4
Pass	<LOD		23			23	6	Pass		54	4
	<LOD		25			19	6	Pass		55	4
	<LOD		26		<LOD		18			56	4
	<LOD		24			22	6	Pass		61	4
		37	9	Pass	<LOD		19			66	4
	<LOD		23			23	6	Pass		108	5
		24	8	Pass	<LOD		18			110	5
		24	8	Pass		18	6	Pass		111	5
		26	8	Pass		34	6	Pass		166	6
	<LOD		25		<LOD		18			157	6
	<LOD		25			29	6	Pass		156	6
	<LOD		24		<LOD		18			154	6
		30	8	Pass		28	6	Pass		137	6
		31	8	Pass	<LOD		18			142	6
	<LOD		22		<LOD		17			205	7
	<LOD		22			31	6	Pass		190	6
	<LOD		23			19	6	Pass		196	7
	<LOD		25			31	6	Pass		238	7

<LOD		26		<LOD		19		257	8
<LOD		26			28	7	Pass	264	8
<LOD		26			27	6	Pass	203	7
<LOD		24		<LOD		18		207	7
<LOD		25			22	6	Pass	221	7
<LOD		25			38	7	Pass	352	9
<LOD		26			36	7	Pass	381	9
<LOD		24			28	6	Pass	378	9
<LOD		32			44	8	Pass	182	8
	56	11	Pass	<LOD		24		172	8
	36	11	Pass		30	8	Pass	158	8

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	109	9	Pass	<LOD	5		110	3
Pass	13	2	Pass	<LOD	3		89	2
Pass	686	24	Pass	<LOD	10		126	3
	<LOD	44		<LOD	24		<LOD	20
Pass	691	24	Pass	<LOD	11		128	4
Pass	<LOD	11		<LOD	3		67	2
Pass	<LOD	12		<LOD	3		70	2
Pass	<LOD	12		<LOD	3		64	2
Pass	<LOD	11		<LOD	3		63	2
Pass	<LOD	11		<LOD	3		63	2
Pass	<LOD	12		<LOD	3		66	2
Pass	<LOD	12		<LOD	4		55	2
Pass	<LOD	12		<LOD	3		58	2
Pass	<LOD	12		<LOD	3		58	2
Pass	<LOD	14		<LOD	3		52	2
Pass	<LOD	14		<LOD	4		52	2
Pass	15	5	Pass	<LOD	4		51	2
Pass	<LOD	10		<LOD	3		67	2
Pass	<LOD	10		<LOD	3		67	2
Pass	<LOD	10		<LOD	3		66	2
Pass	<LOD	12		<LOD	3		57	2
Pass	<LOD	12		<LOD	3		59	2
Pass	<LOD	12		<LOD	3		55	2
Pass	20	7	Pass	<LOD	4		75	2
Pass	<LOD	20		<LOD	4		70	2
Pass	26	7	Pass	<LOD	4		69	2
Pass	23	7	Pass	<LOD	4		59	2
Pass	<LOD	19		<LOD	4		60	2
Pass	20	6	Pass	<LOD	4		55	2
Pass	<LOD	21		<LOD	4		67	2
Pass	24	7	Pass	<LOD	4		69	2
Pass	<LOD	22		<LOD	4		69	2
Pass	<LOD	25		<LOD	5		71	2
Pass	<LOD	24		<LOD	4		70	2
Pass	<LOD	24		<LOD	4		69	2
Pass	<LOD	23		<LOD	4		70	2
Pass	<LOD	24		<LOD	4		68	2
Pass	<LOD	24		<LOD	4		66	2
Pass	44	8	Pass	<LOD	4		62	2
Pass	54	8	Pass	<LOD	5		66	2
Pass	47	8	Pass	<LOD	5		69	2
Pass	<LOD	11		<LOD	3		68	2
Pass	<LOD	11		<LOD	3		64	2
Pass	11	4	Pass	<LOD	3		63	2
Pass	<LOD	14		<LOD	4		61	2
Pass	<LOD	14		<LOD	4		61	2
Pass	<LOD	15		<LOD	3		61	2
Pass	<LOD	12		<LOD	3		72	2
Pass	<LOD	13		<LOD	4		67	2

Pass	<LOD	13		<LOD	4	64	2
Pass	23	6	Pass	<LOD	4	53	2
Pass	53	7	Pass	<LOD	4	57	2
Pass	20	6	Pass	<LOD	4	57	2
Pass	<LOD	11		<LOD	3	62	2
Pass	<LOD	11		<LOD	3	62	2
Pass	<LOD	12		<LOD	3	64	2
Pass	12	2	Pass	<LOD	3	94	2
Pass	87	9	Pass	<LOD	5	107	3
Pass	713	24	Pass	<LOD	10	119	3
Pass	13	3	Pass	<LOD	3	57	2
Pass	<LOD	9		<LOD	3	59	2
Pass	<LOD	12		<LOD	3	59	2
Pass	<LOD	9		<LOD	3	61	2
Pass	<LOD	12		<LOD	3	58	2
Pass	16	4	Pass	<LOD	3	54	2
Pass	16	4	Pass	<LOD	4	67	2
Pass	<LOD	13		<LOD	3	67	2
Pass	<LOD	13		<LOD	4	67	2
Pass	10	3	Pass	<LOD	3	63	2
Pass	<LOD	9		<LOD	3	61	2
Pass	12	3	Pass	<LOD	3	64	2
Pass	<LOD	12		<LOD	3	57	2
Pass	<LOD	12		<LOD	3	58	2
Pass	14	4	Pass	<LOD	3	58	2
Pass	<LOD	6		<LOD	3	51	2
Pass	<LOD	6		<LOD	3	46	2
Pass	6	2	Pass	<LOD	3	48	2
Pass	11	3	Pass	<LOD	3	63	2
Pass	8	3	Pass	<LOD	3	61	2
Pass	18	3	Pass	<LOD	3	60	2
Pass	8	2	Pass	<LOD	3	61	2
Pass	<LOD	6		<LOD	3	57	2
Pass	<LOD	6		<LOD	3	63	2
Pass	8	2	Pass	<LOD	3	72	2
Pass	<LOD	6		<LOD	3	74	2
Pass	<LOD	6		<LOD	3	71	2
Pass	<LOD	6		<LOD	3	24	1
Pass	8	2	Pass	<LOD	3	24	1
Pass	6	2	Pass	<LOD	3	24	1
Pass	<LOD	11		<LOD	3	66	2
Pass	<LOD	11		<LOD	3	67	2
Pass	<LOD	12		<LOD	3	66	2
Pass	<LOD	11		<LOD	3	63	2
Pass	<LOD	11		<LOD	3	64	2
Pass	<LOD	11		<LOD	3	62	2
Pass	<LOD	10		<LOD	3	52	2
Pass	12	4	Pass	<LOD	3	47	2
Pass	<LOD	11		<LOD	3	50	2
Pass	<LOD	11		<LOD	3	61	2

Pass	<LOD		11	<LOD		3		63	2		
Pass	<LOD		11	<LOD		3		63	2		
Pass	<LOD		10	<LOD		3		62	2		
Pass	<LOD		10	<LOD		3		63	2		
Pass	<LOD		10	<LOD		3		60	2		
Pass	<LOD		14	<LOD		4		62	2		
Pass	<LOD		14	<LOD		3		59	2		
Pass	<LOD		14	<LOD		3		58	2		
Pass		23	5	Pass	<LOD		4		29	2	
Pass	<LOD		15			5	2	Pass	32	2	
Pass	<LOD		15	<LOD		4		33	2		

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	242	4	Pass	258	5	Pass	<LOD	8
Pass	229	4	Pass	83	3	Pass	<LOD	8
Pass	342	6	Pass	40	4	Pass	21	3
	<LOD	16		<LOD	31		12698	340
Pass	342	6	Pass	38	4	Pass	20	3
Pass	80	2	Pass	446	6	Pass	<LOD	8
Pass	86	2	Pass	480	6	Pass	<LOD	8
Pass	75	2	Pass	390	5	Pass	<LOD	7
Pass	85	2	Pass	487	6	Pass	9	2
Pass	86	2	Pass	500	6	Pass	<LOD	8
Pass	88	2	Pass	506	6	Pass	<LOD	7
Pass	119	3	Pass	447	6	Pass	<LOD	8
Pass	117	3	Pass	440	6	Pass	<LOD	8
Pass	121	3	Pass	444	6	Pass	11	3
Pass	119	3	Pass	414	6	Pass	10	3
Pass	122	3	Pass	377	5	Pass	<LOD	8
Pass	121	3	Pass	393	6	Pass	<LOD	8
Pass	77	2	Pass	430	6	Pass	10	2
Pass	74	2	Pass	440	6	Pass	<LOD	7
Pass	77	2	Pass	426	6	Pass	<LOD	7
Pass	83	2	Pass	480	6	Pass	<LOD	7
Pass	84	2	Pass	489	6	Pass	<LOD	7
Pass	84	2	Pass	486	6	Pass	<LOD	7
Pass	110	3	Pass	506	6	Pass	11	3
Pass	106	3	Pass	504	6	Pass	<LOD	8
Pass	100	3	Pass	485	6	Pass	9	3
Pass	119	3	Pass	491	6	Pass	<LOD	8
Pass	114	3	Pass	486	6	Pass	<LOD	8
Pass	117	3	Pass	488	6	Pass	<LOD	8
Pass	102	3	Pass	479	6	Pass	<LOD	8
Pass	107	3	Pass	486	6	Pass	<LOD	8
Pass	94	2	Pass	498	6	Pass	9	3
Pass	95	2	Pass	411	6	Pass	<LOD	8
Pass	95	2	Pass	444	6	Pass	<LOD	8
Pass	97	3	Pass	439	6	Pass	<LOD	8
Pass	110	3	Pass	488	6	Pass	8	3
Pass	113	3	Pass	469	6	Pass	<LOD	8
Pass	108	3	Pass	452	6	Pass	<LOD	8
Pass	218	4	Pass	323	5	Pass	<LOD	8
Pass	215	4	Pass	362	6	Pass	<LOD	8
Pass	210	4	Pass	369	6	Pass	<LOD	8
Pass	88	2	Pass	535	7	Pass	<LOD	8
Pass	89	2	Pass	522	6	Pass	10	3
Pass	87	2	Pass	500	6	Pass	<LOD	8
Pass	112	3	Pass	364	5	Pass	<LOD	8
Pass	120	3	Pass	366	5	Pass	<LOD	8
Pass	117	3	Pass	327	5	Pass	<LOD	8
Pass	102	2	Pass	559	7	Pass	<LOD	8
Pass	101	2	Pass	551	7	Pass	<LOD	8

Pass	101	3	Pass	540	7	Pass	<LOD	8
Pass	128	3	Pass	230	4	Pass	<LOD	8
Pass	133	3	Pass	233	4	Pass	<LOD	8
Pass	141	3	Pass	233	4	Pass	8	3
Pass	97	2	Pass	580	7	Pass	<LOD	8
Pass	90	2	Pass	572	7	Pass	<LOD	8
Pass	101	2	Pass	579	7	Pass	<LOD	8
Pass	235	4	Pass	92	4	Pass	8	3
Pass	248	4	Pass	259	5	Pass	<LOD	8
Pass	335	6	Pass	42	4	Pass	22	3
Pass	70	2	Pass	432	6	Pass	<LOD	7
Pass	67	2	Pass	405	5	Pass	<LOD	7
Pass	91	2	Pass	397	5	Pass	9	3
Pass	66	2	Pass	400	5	Pass	<LOD	7
Pass	92	2	Pass	410	6	Pass	<LOD	8
Pass	87	2	Pass	413	6	Pass	<LOD	8
Pass	145	3	Pass	416	6	Pass	10	3
Pass	131	3	Pass	412	6	Pass	<LOD	8
Pass	146	3	Pass	421	6	Pass	<LOD	8
Pass	83	2	Pass	588	7	Pass	12	3
Pass	77	2	Pass	592	7	Pass	9	3
Pass	81	2	Pass	587	7	Pass	<LOD	8
Pass	74	2	Pass	395	5	Pass	<LOD	7
Pass	71	2	Pass	364	5	Pass	<LOD	7
Pass	70	2	Pass	369	5	Pass	<LOD	7
Pass	79	2	Pass	485	6	Pass	7	2
Pass	81	2	Pass	497	6	Pass	12	2
Pass	83	2	Pass	486	6	Pass	13	3
Pass	88	2	Pass	260	5	Pass	10	3
Pass	82	2	Pass	240	4	Pass	<LOD	7
Pass	81	2	Pass	232	4	Pass	<LOD	7
Pass	80	2	Pass	559	6	Pass	11	2
Pass	79	2	Pass	542	6	Pass	9	3
Pass	81	2	Pass	565	7	Pass	11	3
Pass	78	2	Pass	495	6	Pass	<LOD	8
Pass	78	2	Pass	486	6	Pass	10	3
Pass	83	2	Pass	505	6	Pass	11	3
Pass	88	2	Pass	166	4	Pass	<LOD	7
Pass	86	2	Pass	182	4	Pass	<LOD	7
Pass	88	2	Pass	184	4	Pass	<LOD	7
Pass	84	2	Pass	621	7	Pass	10	3
Pass	83	2	Pass	593	7	Pass	<LOD	8
Pass	81	2	Pass	578	7	Pass	12	3
Pass	75	2	Pass	604	7	Pass	<LOD	8
Pass	75	2	Pass	598	7	Pass	<LOD	8
Pass	79	2	Pass	603	7	Pass	10	3
Pass	70	2	Pass	485	6	Pass	<LOD	7
Pass	67	2	Pass	475	6	Pass	<LOD	7
Pass	67	2	Pass	475	6	Pass	<LOD	7
Pass	85	2	Pass	575	7	Pass	<LOD	8

Pass	80	2	Pass	582	7	Pass	<LOD	8
Pass	85	2	Pass	569	7	Pass	<LOD	8
Pass	82	2	Pass	616	7	Pass	9	3
Pass	81	2	Pass	593	7	Pass	<LOD	8
Pass	79	2	Pass	600	7	Pass	12	3
Pass	82	2	Pass	621	7	Pass	<LOD	8
Pass	82	2	Pass	646	7	Pass	9	3
Pass	79	2	Pass	626	7	Pass	11	3
Pass	560	8	Pass	243	5	Pass	<LOD	9
Pass	567	8	Pass	243	5	Pass	<LOD	9
Pass	574	8	Pass	232	5	Pass	<LOD	9

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		45	13	Pass	<LOD	62
	<LOD	29		<LOD	36		<LOD	57
Pass	<LOD	34		<LOD	41		<LOD	67
Pass	149	30	Pass	<LOD	104		<LOD	171
Pass	<LOD	34		<LOD	41		<LOD	68
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	36		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	37		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	61
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	39		<LOD	64
	<LOD	29		<LOD	35		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59

	<LOD	29	<LOD	36		<LOD	60
	<LOD	30	<LOD	36		<LOD	59
	<LOD	29	<LOD	36		<LOD	59
Pass	<LOD	29	<LOD	36		<LOD	59
	<LOD	28	<LOD	35		<LOD	58
	<LOD	28	<LOD	35		<LOD	58
	<LOD	29	<LOD	35		<LOD	59
Pass	<LOD	30	<LOD	36		<LOD	58
	<LOD	30	48	13	Pass	<LOD	63
Pass	<LOD	34	59	14	Pass	<LOD	67
	<LOD	28	<LOD	35		<LOD	58
	<LOD	28	<LOD	34		<LOD	57
Pass	<LOD	29	<LOD	35		<LOD	58
	<LOD	28	<LOD	34		<LOD	57
	<LOD	29	<LOD	36		<LOD	59
	<LOD	28	<LOD	35		<LOD	58
Pass	<LOD	30	<LOD	38		<LOD	63
	<LOD	30	<LOD	37		<LOD	61
	<LOD	30	<LOD	37		<LOD	62
Pass	<LOD	28	<LOD	35		<LOD	58
Pass	<LOD	28	<LOD	35		<LOD	58
	<LOD	28	<LOD	35		<LOD	58
	<LOD	28	<LOD	35		<LOD	58
	<LOD	28	<LOD	35		<LOD	58
	<LOD	29	<LOD	36		<LOD	59
Pass	<LOD	27	<LOD	34		<LOD	56
Pass	<LOD	27	<LOD	34		<LOD	56
Pass	<LOD	28	<LOD	34		<LOD	56
Pass	<LOD	30	<LOD	37		<LOD	62
	<LOD	29	<LOD	36		<LOD	59
	<LOD	29	<LOD	36		<LOD	60
Pass	<LOD	27	<LOD	34		<LOD	57
Pass	<LOD	28	<LOD	35		<LOD	58
Pass	<LOD	28	<LOD	35		<LOD	57
	<LOD	28	<LOD	35		<LOD	58
Pass	<LOD	28	<LOD	35		<LOD	58
Pass	<LOD	28	<LOD	35		<LOD	59
	<LOD	29	<LOD	35		<LOD	59
	<LOD	29	<LOD	36		<LOD	60
	<LOD	29	<LOD	36		<LOD	59
Pass	<LOD	28	<LOD	35		<LOD	57
	<LOD	28	<LOD	34		<LOD	57
Pass	<LOD	28	<LOD	35		<LOD	58
	<LOD	28	<LOD	35		<LOD	57
	<LOD	28	<LOD	35		<LOD	57
Pass	<LOD	28	<LOD	34		<LOD	57
	<LOD	27	<LOD	33		<LOD	55
	<LOD	27	<LOD	33		<LOD	55
	<LOD	27	<LOD	34		<LOD	55
	<LOD	28	<LOD	34		<LOD	57

	<LOD	28	<LOD	35	<LOD		57
	<LOD	28	<LOD	35	<LOD		58
Pass	<LOD	28	<LOD	35	<LOD		58
	<LOD	28	<LOD	34	<LOD		57
Pass	<LOD	28	<LOD	35	<LOD		58
	<LOD	28	<LOD	34	<LOD		57
Pass	<LOD	28	<LOD	35	<LOD		58
Pass	<LOD	28	<LOD	35	<LOD		57
	<LOD	34	<LOD	42	<LOD		69
	<LOD	34	<LOD	42	<LOD		69
	<LOD	34	<LOD	42		80	23

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	65		NA			1240	197
	<LOD	59		NA			895	195
	<LOD	71		NA			860	239
	<LOD	178		NA			29711	6695
	<LOD	71		NA			1016	241
	<LOD	61		NA			663	173
	<LOD	62		NA			994	184
	<LOD	61		NA			933	178
	<LOD	60		NA			625	165
	<LOD	60		NA			1203	178
	<LOD	60		NA			557	165
	<LOD	64		NA			3163	234
	<LOD	64		NA			3686	245
	<LOD	65		NA			2777	232
	<LOD	63		NA			3547	240
	<LOD	63		NA			3802	240
	<LOD	64		NA			3749	244
	<LOD	60		NA			641	167
	<LOD	61		NA			674	169
	<LOD	60		NA			<LOD	488
	<LOD	59		NA			885	172
	<LOD	60		NA			1378	181
	<LOD	60		NA			871	173
	<LOD	62		NA			3368	240
	<LOD	62		NA			2928	230
	<LOD	63		NA			3080	236
	<LOD	63		NA			4551	262
	<LOD	63		NA			4049	254
	<LOD	64		NA			4528	267
	<LOD	63		NA			2873	233
	<LOD	63		NA			2957	233
	<LOD	64		NA			2570	229
	<LOD	63		NA			3122	240
	<LOD	63		NA			3022	238
	<LOD	63		NA			3287	245
	<LOD	64		NA			3420	248
	<LOD	63		NA			3317	243
	<LOD	63		NA			3845	254
	<LOD	66		NA			10395	382
	<LOD	66		NA			11079	392
	<LOD	67		NA			11822	403
	<LOD	63		NA			1772	201
	<LOD	63		NA			1451	196
	<LOD	61		NA			1788	198
	<LOD	63		NA			3978	252
	<LOD	64		NA			4566	263
	<LOD	64		NA			5179	275
	<LOD	62		NA			2835	224
	<LOD	62		NA			2826	229

<LOD	63	NA	2913	232
<LOD	63	NA	6155	296
<LOD	62	NA	5898	294
<LOD	62	NA	6745	305
<LOD	62	NA	2552	213
<LOD	61	NA	2221	208
<LOD	62	NA	2221	211
<LOD	61	NA	807	198
<LOD	66	NA	1017	194
<LOD	70	NA	990	240
<LOD	60	NA	988	172
<LOD	60	NA	1155	178
<LOD	62	NA	3152	226
<LOD	60	NA	774	170
<LOD	62	NA	3227	229
<LOD	61	NA	2921	226
<LOD	66	NA	7123	325
<LOD	64	NA	6589	315
<LOD	65	NA	6828	323
<LOD	62	NA	1225	190
<LOD	61	NA	1091	182
<LOD	61	NA	1484	193
<LOD	61	NA	1514	195
<LOD	61	NA	1678	197
<LOD	62	NA	1885	204
<LOD	59	NA	1040	163
<LOD	59	NA	1187	167
<LOD	59	NA	772	162
<LOD	65	NA	3310	247
<LOD	63	NA	2831	232
<LOD	63	NA	2972	235
<LOD	60	NA	1168	172
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<LOD	61	NA	1080	182
<LOD	61	NA	658	174
<LOD	62	NA	728	175
<LOD	62	NA	1010	159
<LOD	63	NA	967	161
<LOD	62	NA	968	161
<LOD	60	NA	662	171
<LOD	60	NA	820	173
<LOD	61	NA	1034	178
<LOD	60	NA	732	172
<LOD	60	NA	891	171
<LOD	60	NA	708	171
<LOD	57	NA	551	154
<LOD	58	NA	488	157
<LOD	58	NA	580	158
<LOD	60	NA	1474	186

	<LOD	60	NA	1310	186
	<LOD	61	NA	901	181
	<LOD	61	NA	1036	178
	<LOD	60	NA	758	172
	<LOD	61	NA	557	173
	<LOD	60	NA	928	178
	<LOD	61	NA	1248	184
	<LOD	60	NA	851	176
	<LOD	72	NA	45292	873
	<LOD	73	NA	44462	866
Pass	<LOD	73	NA	46660	898

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	19		<LOD	22		1146	17
Pass	<LOD	11		<LOD	9		20	3
Pass	57	15	Pass	<LOD	50		5655	64
Pass	<LOD	86		202	24	Pass	123	29
Pass	68	15	Pass	<LOD	49		5670	64
Pass	<LOD	12		<LOD	11		218	6
Pass	<LOD	12		<LOD	11		218	6
Pass	<LOD	11		<LOD	11		235	7
Pass	<LOD	11		<LOD	11		224	6
Pass	<LOD	11		<LOD	11		203	6
Pass	<LOD	11		<LOD	11		223	6
Pass	<LOD	11		<LOD	11		213	7
Pass	<LOD	12		<LOD	11		218	7
Pass	<LOD	12		<LOD	12		227	7
Pass	<LOD	12		<LOD	13		328	8
Pass	<LOD	12		<LOD	13		335	8
Pass	<LOD	12		<LOD	12		307	8
Pass	<LOD	10		<LOD	10		158	5
Pass	<LOD	10		<LOD	10		153	5
	<LOD	11		<LOD	10		152	5
Pass	<LOD	11		<LOD	11		250	7
Pass	<LOD	11		<LOD	11		259	7
Pass	<LOD	11		<LOD	11		243	7
Pass	<LOD	15		<LOD	16		670	12
Pass	<LOD	15		<LOD	17		675	12
Pass	<LOD	14		<LOD	16		666	12
Pass	<LOD	15		<LOD	16		655	12
Pass	<LOD	15		<LOD	16		634	12
Pass	<LOD	15		<LOD	16		632	12
Pass	<LOD	16		<LOD	18		821	13
Pass	<LOD	15		<LOD	17		762	13
Pass	<LOD	16		<LOD	18		840	14
Pass	<LOD	17		<LOD	19		1072	16
Pass	<LOD	16		<LOD	19		1006	15
Pass	<LOD	17		<LOD	20		1011	15
Pass	<LOD	17		<LOD	19		954	15
Pass	<LOD	17		<LOD	19		999	15
Pass	<LOD	17		<LOD	19		987	15
Pass	<LOD	17		<LOD	20		938	15
Pass	<LOD	17		<LOD	20		917	15
Pass	<LOD	17		<LOD	19		934	15
Pass	<LOD	11		<LOD	11		210	6
Pass	<LOD	11		<LOD	11		195	6
Pass	<LOD	11		<LOD	10		190	6
Pass	<LOD	13		<LOD	13		334	8
Pass	<LOD	13		<LOD	13		336	8
Pass	<LOD	12		<LOD	13		351	8
Pass	<LOD	12		<LOD	11		257	7
Pass	<LOD	12		<LOD	12		274	7

Pass	<LOD		13	<LOD		12	264	7
Pass	<LOD		15	<LOD		16	613	11
Pass	<LOD		16	<LOD		17	668	12
Pass	<LOD		16	<LOD		16	624	11
Pass	<LOD		12	<LOD		11	209	6
Pass	<LOD		11	<LOD		11	211	6
Pass	<LOD		11	<LOD		11	220	7
Pass	<LOD		11	<LOD		9	23	3
Pass	<LOD		19	<LOD		22	1174	18
Pass		62	15	Pass	<LOD	50	5695	65
Pass	<LOD		11	<LOD		9	122	5
Pass	<LOD		10	<LOD		10	125	5
Pass	<LOD		11	<LOD		11	240	7
Pass	<LOD		11	<LOD		9	128	5
Pass	<LOD		12	<LOD		12	245	7
Pass	<LOD		11	<LOD		11	241	7
Pass	<LOD		13	<LOD		13	248	7
Pass	<LOD		13	<LOD		13	261	7
Pass	<LOD		13	<LOD		13	257	7
Pass	<LOD		11	<LOD		10	114	5
Pass	<LOD		10	<LOD		10	116	5
Pass	<LOD		11	<LOD		10	118	5
Pass	<LOD		11	<LOD		11	232	7
Pass	<LOD		12	<LOD		11	220	6
Pass	<LOD		12	<LOD		12	241	7
Pass	<LOD		10	<LOD		8	40	3
Pass	<LOD		9	<LOD		8	40	3
Pass	<LOD		10	<LOD		7	39	3
Pass	<LOD		11	<LOD		9	71	4
Pass	<LOD		11	<LOD		9	78	4
Pass	<LOD		11	<LOD		9	62	4
Pass	<LOD		10	<LOD		8	43	3
Pass	<LOD		9	<LOD		8	47	4
Pass	<LOD		9	<LOD		8	46	4
Pass	<LOD		9	<LOD		7	21	3
Pass	<LOD		9	<LOD		8	21	3
Pass	<LOD		9	<LOD		8	26	3
Pass	<LOD		9	<LOD		8	28	3
Pass	<LOD		9	<LOD		7	22	3
Pass	<LOD		10	<LOD		8	25	3
Pass	<LOD		11		14	4	Pass 204	6
Pass	<LOD		11	<LOD		11	216	6
Pass	<LOD		11	<LOD		11	238	7
Pass	<LOD		11	<LOD		11	192	6
Pass	<LOD		10	<LOD		10	204	6
Pass	<LOD		11	<LOD		11	198	6
Pass	<LOD		10	<LOD		10	200	6
Pass	<LOD		11	<LOD		10	190	6
Pass	<LOD		11	<LOD		10	201	6
Pass	<LOD		11	<LOD		10	189	6

Pass	<LOD	10	<LOD	10	190	6
Pass	<LOD	11	<LOD	10	187	6
Pass	<LOD	11	<LOD	10	155	6
Pass	<LOD	11	<LOD	10	150	5
Pass	<LOD	11	<LOD	11	150	5
Pass	<LOD	12	<LOD	12	320	8
Pass	<LOD	13	<LOD	13	335	8
Pass	<LOD	12	<LOD	12	333	8
Pass	<LOD	15	<LOD	14	271	9
Pass	<LOD	15	<LOD	14	280	9
Pass	<LOD	15	<LOD	15	268	9

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019824			225			48.57	
Pass							54.81	testing
Pass							57.09	testing
Pass							55.04	testing
Pass							41.26	testing
Pass							55.02	testing
Pass							52.75	testing
Pass							53.02	testing
Pass							52.65	testing
Pass							51.4	testing
Pass							52.35	testing
Pass							53.05	testing
Pass							53.07	testing
Pass							53.27	testing
Pass							53.08	testing
Pass							52.77	testing
Pass							52.81	testing
Pass							52.98	testing
Pass							53.43	testing
Pass							52.71	testing
Pass							52.41	testing
Pass							52.27	testing
Pass							52.83	testing
Pass							52.38	testing
Pass							52.36	testing
Pass							52.67	testing
Pass							53.79	testing
Pass							53.07	testing
Pass							53.33	testing
Pass							52.9	testing
Pass							53.67	testing
Pass							53.11	testing
Pass							52.77	testing
Pass							53.32	testing
Pass							53.23	testing
Pass							53.06	testing
Pass							53.26	testing
Pass							53.09	testing
Pass							53.29	testing
Pass							54.68	testing
Pass							54.18	testing
Pass							54.4	testing
Pass							52.58	testing
Pass							52.71	testing
Pass							52.51	testing
Pass							53.24	testing
Pass							53.08	testing
Pass							53.31	testing
Pass							52.4	testing
Pass							52	testing

Pass			52.95	testing
Pass			55.01	testing
Pass			54.06	testing
Pass			54.89	testing
Pass			52.29	testing
Pass			52.59	testing
Pass			52.6	testing
	0.019809	226	47.11	
Pass			56.74	testing
Pass			54.71	testing
Pass			55.36	testing
Pass			52.66	testing
Pass			52.46	testing
Pass			52.48	testing
Pass			52.42	testing
Pass			52.59	testing
Pass			52.86	testing
Pass			53.82	testing
Pass			53.91	testing
Pass			53.93	testing
Pass			52.15	testing
Pass			52.08	testing
Pass			52.23	testing
Pass			52.95	testing
Pass			52.98	testing
Pass			53.05	testing
Pass			52.08	testing
Pass			53.43	testing
Pass			53.27	testing
Pass			53.96	testing
Pass			52.73	testing
Pass			53.44	testing
Pass			51.41	testing
Pass			52.24	testing
Pass			52.02	testing
Pass			52.04	testing
Pass			52.57	testing
Pass			52.51	testing
Pass			53.68	testing
Pass			53.85	testing
Pass			53.92	testing
Pass			51.01	testing
Pass			51.51	testing
Pass			52.09	testing
Pass			51.87	testing
Pass			52.24	testing
Pass			52.32	testing
Pass			51.3	testing
Pass			52.33	testing
Pass			52.17	testing
Pass			52.16	testing

Pass	52.42	testing
Pass	52.47	testing
Pass	51.85	testing
Pass	52.19	testing
Pass	52.2	testing
Pass	52.3	testing
Pass	52.15	testing
Pass	51.9	testing
Pass	57.23	testing
Pass	56.33	testing
Pass	56.22	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
10-Aug-08	1			-0.021992			PASS	Standardiz
10-Aug-08	2				NIST2709	low		Soil
10-Aug-08	3				NIST2710	high		Soil
10-Aug-08	4				NIST2711	medium		Soil
10-Aug-08	5				31016	F1		Soil
10-Aug-08	6				31016	F1		Soil
10-Aug-08	7				31016	F1		Soil
10-Aug-08	8				31016	F2		Soil
10-Aug-08	9				31016	F2		Soil
10-Aug-08	10				31016	F2		Soil
10-Aug-08	11				31016	B1		Soil
10-Aug-08	12				31016	B1		Soil
10-Aug-08	13				31016	B1		Soil
10-Aug-08	14				31016	B2		Soil
10-Aug-08	15				31016	B2		Soil
10-Aug-08	16				31016	B2		Soil
10-Aug-08	17				31016	DZ		Soil
10-Aug-08	18				31016	DZ		Soil
10-Aug-08	19				31016	DZ		Soil
10-Aug-08	20				5023	F1		Soil
10-Aug-08	21				5023	F1		Soil
10-Aug-08	22				5032	F1		Soil
10-Aug-08	23				5032	F2		Soil
10-Aug-08	24				5032	F2		Soil
10-Aug-08	25				5032	F2		Soil
10-Aug-08	26				5032	B1		Soil
10-Aug-08	27				5032	B1		Soil
10-Aug-08	28				5032	B1		Soil
10-Aug-08	29				5032	B2		Soil
10-Aug-08	30				5032	B2		Soil
10-Aug-08	31				5032	B2		Soil
10-Aug-08	32				5032	DZ		Soil
10-Aug-08	33				5032	DZ		Soil
10-Aug-08	34				5023	DZ		Soil
10-Aug-08	35				31016	B2-bio		Soil
10-Aug-08	36				31016	B1-bio		Soil
10-Aug-08	37				31016	B2-bio		Soil
10-Aug-08	38				5043	F1		Soil
10-Aug-08	39				5043	F1		Soil
10-Aug-08	40				5043	F1		Soil
10-Aug-08	41				5043	F2		Soil
10-Aug-08	42				5043	F2		Soil
10-Aug-08	43				5043	F2		Soil
10-Aug-08	44				5043	B1		Soil
10-Aug-08	45				5043	B1		Soil
10-Aug-08	46				5043	B1		Soil
10-Aug-08	47				5043	B2		Soil
10-Aug-08	48				5043	B2		Soil
10-Aug-08	49				5043	B2		Soil
10-Aug-08	50				5043	DZ		Soil

10-Aug-08	51	5043	DZ	Soil
10-Aug-08	52	5043	DZ	Soil
10-Aug-08	53	5043	DW	Soil
10-Aug-08	54	5043	DW	Soil
10-Aug-08	55	5043	DZ	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
13:35:52								
13:37:16				<LOD		0	NA	
13:39:51				<LOD		0	NA	
13:42:50				<LOD		0	NA	
13:45:17	shot 1			<LOD		0	NA	
13:47:31	shot 2			<LOD		0	NA	
13:50:03	shot 3			<LOD		0	NA	
13:52:36	shot 1			<LOD		0	NA	
13:54:53	shot 2			<LOD		0	NA	
13:57:05	shot 3			<LOD		0	NA	
13:59:18	shot 1			<LOD		0	NA	
14:01:48	shot 2			<LOD		0	NA	
14:03:57	shot 3			<LOD		0	NA	
14:06:14	shot 1			<LOD		0	NA	
14:08:28	shot 2			<LOD		0	NA	
14:10:48	shot 3			<LOD		0	NA	
14:14:48	shot 1			<LOD		0	NA	
14:17:40	shot 2			<LOD		0	NA	
14:20:04	shot 3			<LOD		0	NA	
14:23:09	shot 1			<LOD		0	NA	
14:25:35	shot 2			<LOD		0	NA	
14:27:58	shot 3			<LOD		0	NA	
14:31:00	shot 1			<LOD		0	NA	
14:33:11	shot 2			<LOD		0	NA	
14:35:36	shot 3			<LOD		0	NA	
14:37:53	shot 1			<LOD		0	NA	
14:40:35	shot 2			<LOD		0	NA	
14:42:58	shot 3			<LOD		0	NA	
14:45:25	shot 1			<LOD		0	NA	
14:48:03	shot 2			<LOD		0	NA	
14:50:15	shot 3			<LOD		0	NA	
14:52:50	shot 1			<LOD		0	NA	
14:56:34	shot 2			<LOD		0	NA	
14:59:19	shot 3			<LOD		0	NA	
15:02:35	shot 1			<LOD		0	NA	
15:05:13	shot 2			<LOD		0	NA	
15:08:12	shot 3			<LOD		0	NA	
16:24:03	shot 1			<LOD		0	NA	
16:27:14	shot 2			<LOD		0	NA	
16:35:44	shot 3			<LOD		0	NA	
16:38:54	shot 1			<LOD		0	NA	
16:41:12	shot 2			<LOD		0	NA	
16:43:29	shot 3			<LOD		0	NA	
16:45:51	shot 1			<LOD		0	NA	
16:47:56	shot 2			<LOD		0	NA	
16:50:07	shot 3			<LOD		0	NA	
16:52:26	shot 1			<LOD		0	NA	
16:56:17	shot 2			<LOD		0	NA	
16:58:52	shot 3			<LOD		0	NA	
17:02:09	shot 1			<LOD		0	NA	

17:05:14	shot 2	<LOD	0	NA
17:08:20	shot 3	<LOD	0	NA
17:11:12	shot 1	<LOD	0	NA
17:13:52	shot 2	<LOD	0	NA
17:16:07	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3355	313	Pass	187	36
	NA			3975	394	Pass	<LOD	132
	NA			2912	310	Pass	119	34
	NA			3768	311	Pass	93	30
	NA			3805	308	Pass	150	32
	NA			4127	316	Pass	120	31
	NA			4259	344	Pass	<LOD	95
	NA			3505	333	Pass	<LOD	95
	NA			4266	331	Pass	138	33
	NA			4482	303	Pass	95	29
	NA			4185	297	Pass	<LOD	84
	NA			4507	313	Pass	98	30
	NA			4431	317	Pass	118	31
	NA			5287	325	Pass	<LOD	87
	NA			4336	319	Pass	121	31
	NA			4144	329	Pass	<LOD	87
	NA			5113	337	Pass	99	31
	NA			4791	333	Pass	122	32
	NA			4453	289	Pass	<LOD	78
	NA			4216	293	Pass	<LOD	81
	NA			4445	289	Pass	<LOD	79
	NA			3813	287	Pass	139	30
	NA			3927	286	Pass	<LOD	75
	NA			3832	294	Pass	94	29
	NA			3875	297	Pass	104	29
	NA			4209	299	Pass	127	30
	NA			3867	301	Pass	102	29
	NA			3267	280	Pass	<LOD	81
	NA			3527	276	Pass	<LOD	79
	NA			3346	272	Pass	84	27
	NA			3952	282	Pass	<LOD	77
	NA			4050	283	Pass	113	29
	NA			3317	276	Pass	<LOD	80
	NA			4790	307	Pass	100	29
	NA			4250	311	Pass	<LOD	84
	NA			4579	321	Pass	<LOD	86
	NA			2900	319	Pass	114	30
	NA			2589	310	Pass	89	30
	NA			3119	310	Pass	161	31
	NA			3724	308	Pass	<LOD	91
	NA			3498	304	Pass	115	31
	NA			4041	309	Pass	106	31
	NA			4479	297	Pass	113	29
	NA			4213	301	Pass	91	29
	NA			4628	308	Pass	123	30
	NA			4245	279	Pass	<LOD	77
	NA			4251	288	Pass	<LOD	80
	NA			4582	289	Pass	<LOD	79
	NA			4198	308	Pass	<LOD	92

NA	4423	318	Pass	<LOD		92
NA	4563	316	Pass	<LOD		90
NA	4358	352	Pass		118	32
NA	3714	337	Pass	<LOD		93
NA	4418	341	Pass		172	33

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	469	32	Pass	32892	325	Pass	<LOD	172
	10330	160	Pass	38791	429	Pass	<LOD	211
Pass	480	31	Pass	25036	261	Pass	<LOD	153
Pass	930	36	Pass	17139	181	Pass	<LOD	121
Pass	901	35	Pass	16860	176	Pass	<LOD	119
Pass	981	37	Pass	17807	185	Pass	<LOD	122
	839	35	Pass	18954	197	Pass	<LOD	129
	837	35	Pass	18818	196	Pass	<LOD	127
Pass	745	34	Pass	18574	193	Pass	<LOD	126
Pass	607	30	Pass	16012	168	Pass	<LOD	114
	587	30	Pass	15446	165	Pass	<LOD	115
Pass	662	31	Pass	15886	169	Pass	<LOD	116
Pass	699	32	Pass	15148	163	Pass	<LOD	114
	735	33	Pass	15383	166	Pass	<LOD	114
Pass	674	32	Pass	15324	165	Pass	<LOD	114
	776	34	Pass	17285	183	Pass	<LOD	124
Pass	732	34	Pass	17376	186	Pass	<LOD	126
Pass	711	33	Pass	17373	184	Pass	<LOD	122
	419	25	Pass	10378	119	Pass	<LOD	94
	384	25	Pass	10596	122	Pass	<LOD	95
	322	23	Pass	10467	119	Pass	<LOD	91
Pass	590	29	Pass	14986	158	Pass	<LOD	110
	692	31	Pass	15465	163	Pass	<LOD	112
Pass	658	31	Pass	15008	161	Pass	<LOD	113
Pass	440	27	Pass	15238	160	Pass	<LOD	112
Pass	467	27	Pass	15178	161	Pass	<LOD	110
Pass	474	27	Pass	15098	160	Pass	123	38
	165	20	Pass	14087	149	Pass	<LOD	107
	182	20	Pass	14026	146	Pass	<LOD	105
Pass	180	21	Pass	14338	151	Pass	<LOD	108
	377	25	Pass	17487	178	Pass	<LOD	118
Pass	434	27	Pass	18837	188	Pass	<LOD	123
	344	25	Pass	17475	178	Pass	<LOD	118
Pass	729	32	Pass	15763	167	Pass	<LOD	115
	668	31	Pass	15146	162	Pass	<LOD	110
	787	33	Pass	15730	167	Pass	<LOD	115
Pass	305	23	Pass	10664	120	Pass	<LOD	94
Pass	296	23	Pass	10017	116	Pass	<LOD	89
Pass	301	23	Pass	10219	117	Pass	<LOD	90
	500	29	Pass	22519	225	Pass	<LOD	138
Pass	583	31	Pass	22739	225	Pass	<LOD	137
Pass	551	30	Pass	22211	222	Pass	<LOD	136
Pass	686	31	Pass	15921	165	Pass	<LOD	115
Pass	606	30	Pass	16691	175	Pass	<LOD	119
Pass	697	32	Pass	17033	178	Pass	<LOD	118
	428	25	Pass	12880	139	Pass	<LOD	101
	324	23	Pass	12597	137	Pass	<LOD	100
	372	24	Pass	12457	136	Pass	<LOD	100
	656	33	Pass	24576	244	Pass	<LOD	145

	635	32	Pass	24161	240	Pass	<LOD	144
	622	32	Pass	24696	246	Pass	<LOD	145
Pass	588	30	Pass	14821	158	Pass	<LOD	111
	597	30	Pass	14820	158	Pass	<LOD	110
Pass	578	30	Pass	14415	155	Pass	<LOD	110

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	75	12	Pass	26	7	Pass	101	5
	<LOD	42		3072	46	Pass	7081	82
	<LOD	31		100	9	Pass	313	9
	36	9	Pass	20	6	Pass	109	5
	40	9	Pass	34	7	Pass	116	5
	47	9	Pass	32	7	Pass	119	6
	39	10	Pass	28	7	Pass	160	6
	39	10	Pass	<LOD	19		162	6
	<LOD	27		<LOD	18		161	6
	27	9	Pass	22	6	Pass	84	5
	<LOD	26		26	6	Pass	86	5
	31	9	Pass	20	6	Pass	88	5
	<LOD	26		<LOD	19		101	5
	<LOD	27		28	7	Pass	86	5
	27	9	Pass	21	6	Pass	106	5
	<LOD	28		33	7	Pass	145	6
	<LOD	28		37	7	Pass	147	6
	43	9	Pass	24	7	Pass	141	6
	<LOD	24		<LOD	18		57	4
	<LOD	24		<LOD	18		67	4
	<LOD	23		23	6	Pass	62	4
	<LOD	25		<LOD	18		61	4
	<LOD	26		<LOD	18		63	4
	<LOD	26		29	6	Pass	49	4
	<LOD	25		29	6	Pass	78	5
	<LOD	25		37	7	Pass	91	5
Pass	<LOD	25		31	6	Pass	77	5
	<LOD	25		39	7	Pass	108	5
	<LOD	24		24	6	Pass	100	5
	<LOD	23		33	6	Pass	95	5
	<LOD	26		38	7	Pass	100	5
	35	9	Pass	41	7	Pass	115	5
	34	9	Pass	35	6	Pass	108	5
	<LOD	27		24	6	Pass	102	5
	<LOD	26		21	6	Pass	92	5
	<LOD	27		<LOD	19		100	5
	<LOD	24		<LOD	18		107	5
	<LOD	23		26	6	Pass	97	5
	<LOD	23		20	6	Pass	102	5
	<LOD	29		21	6	Pass	102	5
	<LOD	28		32	7	Pass	102	5
	29	9	Pass	28	7	Pass	110	5
	<LOD	26		25	6	Pass	84	5
	<LOD	27		23	6	Pass	80	5
	28	9	Pass	20	6	Pass	84	5
	<LOD	24		<LOD	18		69	4
	<LOD	24		28	6	Pass	60	4
	<LOD	24		19	6	Pass	70	4
	<LOD	30		28	7	Pass	106	5

	31	10	Pass	28	7	Pass	110	5
<LOD		29		30	7	Pass	119	6
	30	9	Pass	31	7	Pass	136	6
<LOD		26		19	6	Pass	145	6
<LOD		26		23	6	Pass	144	6

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	13	2	Pass	<LOD	3		95	2
Pass	745	24	Pass	<LOD	11		133	4
Pass	108	9	Pass	<LOD	5		109	3
Pass	<LOD	9		<LOD	3		69	2
Pass	<LOD	10		<LOD	3		74	2
Pass	<LOD	10		<LOD	3		77	2
Pass	24	7	Pass	<LOD	4		71	2
Pass	<LOD	20		<LOD	4		73	2
Pass	<LOD	19		<LOD	4		72	2
Pass	<LOD	9		<LOD	3		76	2
Pass	<LOD	9		<LOD	3		73	2
Pass	<LOD	9		<LOD	3		79	2
Pass	<LOD	18		<LOD	4		76	2
Pass	<LOD	18		<LOD	4		73	2
Pass	<LOD	18		<LOD	4		78	2
Pass	51	5	Pass	<LOD	4		77	2
Pass	48	5	Pass	<LOD	4		80	2
Pass	47	5	Pass	<LOD	3		77	2
Pass	<LOD	7		<LOD	3		58	2
Pass	<LOD	7		<LOD	3		60	2
Pass	<LOD	7		<LOD	3		56	2
Pass	8	2	Pass	<LOD	3		72	2
Pass	33	3	Pass	<LOD	3		72	2
Pass	<LOD	7		<LOD	3		72	2
Pass	8	3	Pass	<LOD	3		54	2
Pass	8	3	Pass	<LOD	3		57	2
Pass	<LOD	8		<LOD	3		56	2
Pass	<LOD	8		<LOD	3		46	2
Pass	<LOD	8		<LOD	3		41	2
Pass	<LOD	8		<LOD	3		44	2
Pass	12	3	Pass	<LOD	3		54	2
Pass	9	3	Pass	<LOD	3		57	2
Pass	11	3	Pass	<LOD	3		54	2
Pass	<LOD	18		<LOD	4		74	2
Pass	<LOD	18		<LOD	4		72	2
Pass	<LOD	19		<LOD	4		79	2
Pass	<LOD	8		<LOD	3		36	2
Pass	<LOD	8		<LOD	3		34	2
Pass	<LOD	8		<LOD	3		34	2
Pass	12	2	Pass	<LOD	3		78	2
Pass	<LOD	8		<LOD	3		82	2
Pass	<LOD	7		<LOD	3		81	2
Pass	<LOD	8		<LOD	3		69	2
Pass	<LOD	8		<LOD	3		66	2
Pass	<LOD	8		<LOD	3		67	2
Pass	<LOD	7		<LOD	3		59	2
Pass	<LOD	7		<LOD	3		58	2
Pass	9	2	Pass	<LOD	3		57	2
Pass	10	3	Pass	<LOD	3		85	2

Pass		12	3	Pass	<LOD	3	83	2
Pass		14	3	Pass	<LOD	3	87	2
Pass	<LOD		9		<LOD	3	54	2
Pass	<LOD		9		<LOD	3	54	2
Pass	<LOD		9		<LOD	3	51	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	236	4	Pass	83	3	Pass	10	3
Pass	352	6	Pass	44	4	Pass	22	3
Pass	240	4	Pass	252	5	Pass	<LOD	8
Pass	82	2	Pass	475	6	Pass	8	3
Pass	84	2	Pass	475	6	Pass	<LOD	8
Pass	80	2	Pass	473	6	Pass	11	3
Pass	97	2	Pass	443	6	Pass	<LOD	8
Pass	99	2	Pass	425	6	Pass	<LOD	8
Pass	99	2	Pass	437	6	Pass	<LOD	8
Pass	92	2	Pass	519	6	Pass	<LOD	8
Pass	92	2	Pass	529	6	Pass	11	3
Pass	89	2	Pass	535	7	Pass	9	3
Pass	97	2	Pass	515	6	Pass	10	3
Pass	98	2	Pass	515	6	Pass	<LOD	8
Pass	94	2	Pass	521	6	Pass	<LOD	8
Pass	98	2	Pass	481	6	Pass	<LOD	8
Pass	98	2	Pass	479	6	Pass	<LOD	8
Pass	96	2	Pass	491	6	Pass	<LOD	8
Pass	101	2	Pass	604	7	Pass	<LOD	8
Pass	99	2	Pass	601	7	Pass	<LOD	8
Pass	99	2	Pass	571	7	Pass	<LOD	7
Pass	79	2	Pass	480	6	Pass	<LOD	7
Pass	76	2	Pass	481	6	Pass	<LOD	7
Pass	77	2	Pass	467	6	Pass	8	3
Pass	68	2	Pass	394	5	Pass	<LOD	7
Pass	67	2	Pass	396	5	Pass	<LOD	7
Pass	66	2	Pass	426	6	Pass	<LOD	7
Pass	64	2	Pass	484	6	Pass	<LOD	7
Pass	61	2	Pass	467	6	Pass	<LOD	7
Pass	63	2	Pass	445	6	Pass	<LOD	7
Pass	54	2	Pass	342	5	Pass	<LOD	7
Pass	61	2	Pass	354	5	Pass	<LOD	7
Pass	62	2	Pass	346	5	Pass	<LOD	7
Pass	88	2	Pass	478	6	Pass	<LOD	8
Pass	93	2	Pass	516	6	Pass	<LOD	8
Pass	97	2	Pass	497	6	Pass	<LOD	8
Pass	95	2	Pass	391	5	Pass	<LOD	7
Pass	90	2	Pass	373	5	Pass	<LOD	7
Pass	94	2	Pass	395	5	Pass	<LOD	7
Pass	76	2	Pass	386	5	Pass	<LOD	8
Pass	79	2	Pass	385	5	Pass	8	3
Pass	79	2	Pass	388	5	Pass	<LOD	8
Pass	79	2	Pass	602	7	Pass	<LOD	8
Pass	81	2	Pass	612	7	Pass	<LOD	8
Pass	80	2	Pass	576	7	Pass	<LOD	8
Pass	71	2	Pass	530	6	Pass	<LOD	7
Pass	73	2	Pass	537	6	Pass	<LOD	7
Pass	67	2	Pass	533	6	Pass	<LOD	7
Pass	77	2	Pass	418	6	Pass	<LOD	8

Pass	76	2	Pass	423	6	Pass	<LOD	8
Pass	78	2	Pass	413	6	Pass	<LOD	8
Pass	103	2	Pass	534	6	Pass	<LOD	8
Pass	105	2	Pass	520	6	Pass	<LOD	8
Pass	106	2	Pass	535	6	Pass	<LOD	8

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass	<LOD	30		<LOD	36		<LOD	58
Pass	47	11	Pass	<LOD	42		<LOD	69
	<LOD	30		<LOD	38		<LOD	62
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	59
Pass	<LOD	28		<LOD	36		<LOD	59
Pass	<LOD	28		43	12	Pass	<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	61
	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	27		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	59
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
	<LOD	27		<LOD	34		<LOD	56
	<LOD	29		<LOD	36		<LOD	59

<LOD	29	<LOD	36	<LOD	59
<LOD	29	<LOD	36	<LOD	59
<LOD	28	<LOD	35	<LOD	58
<LOD	28	<LOD	35	<LOD	58
<LOD	28	<LOD	35	<LOD	58

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			750	193
	<LOD	72		NA			<LOD	719
	<LOD	66		NA			1022	195
	<LOD	62		NA			1471	193
	<LOD	62		NA			1454	192
	<LOD	62		NA			1435	194
	<LOD	62		NA			2377	219
	<LOD	62		NA			2479	218
	<LOD	62		NA			1873	207
	<LOD	61		NA			850	178
	<LOD	62		NA			751	175
	<LOD	62		NA			1146	187
	<LOD	62		NA			1364	192
	<LOD	62		NA			963	188
	<LOD	62		NA			1487	195
	<LOD	63		NA			1892	206
	<LOD	64		NA			1285	200
	<LOD	62		NA			1559	202
	<LOD	60		NA			671	167
	<LOD	60		NA			975	174
	<LOD	59		NA			783	169
	<LOD	61		NA			825	172
	<LOD	61		NA			623	168
	<LOD	62		NA			964	178
	<LOD	61		NA			1272	183
	<LOD	61		NA			980	179
	<LOD	61		NA			1351	185
	<LOD	61		NA			1147	174
	<LOD	59		NA			963	168
	<LOD	60		NA			783	166
	<LOD	61		NA			<LOD	493
	<LOD	61		NA			<LOD	495
	<LOD	61		NA			762	168
	<LOD	61		NA			713	178
	<LOD	61		NA			1338	189
	<LOD	62		NA			1437	194
	<LOD	60		NA			3386	218
	<LOD	60		NA			3119	212
	<LOD	60		NA			2734	207
	<LOD	62		NA			1234	190
	<LOD	62		NA			1288	190
	<LOD	62		NA			1041	187
	<LOD	60		NA			726	174
	<LOD	62		NA			869	179
	<LOD	62		NA			828	181
	<LOD	60		NA			<LOD	480
	<LOD	58		NA			806	169
	<LOD	59		NA			585	166
	<LOD	62		NA			612	182

<LOD	62	NA	929	189
<LOD	62	NA	652	185
<LOD	62	NA	3265	230
<LOD	60	NA	3148	223
<LOD	61	NA	2724	219

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	11		<LOD	9		21	3
	72	15	Pass	<LOD	50		5748	66
Pass	<LOD	19		<LOD	22		1148	17
Pass	<LOD	11		<LOD	10		129	5
Pass	<LOD	11		<LOD	10		132	5
Pass	<LOD	11		<LOD	10		132	5
Pass	<LOD	14		<LOD	16		678	12
Pass	<LOD	15		<LOD	16		687	12
Pass	<LOD	15		<LOD	16		670	12
Pass	<LOD	10		<LOD	10		125	5
Pass	<LOD	11		<LOD	10		120	5
Pass	<LOD	11		12	3	Pass	117	5
Pass	<LOD	14		<LOD	15		577	11
Pass	<LOD	14		<LOD	15		597	11
Pass	<LOD	14		<LOD	15		576	11
Pass	<LOD	12		13	4	Pass	339	8
Pass	<LOD	13		<LOD	13		332	8
Pass	<LOD	12		<LOD	13		324	8
Pass	<LOD	9		<LOD	8		67	4
Pass	<LOD	10		<LOD	9		64	4
Pass	<LOD	10		<LOD	8		64	4
Pass	<LOD	9		<LOD	7		34	3
Pass	<LOD	10		<LOD	8		42	4
Pass	<LOD	10		<LOD	9		40	4
Pass	<LOD	10		<LOD	8		77	4
Pass	<LOD	10		<LOD	9		77	4
Pass	<LOD	10		<LOD	9		82	4
Pass	<LOD	9		<LOD	9		103	5
Pass	<LOD	10		<LOD	9		100	4
Pass	<LOD	9		<LOD	9		93	4
	<LOD	10		<LOD	9		78	4
	<LOD	10		<LOD	9		89	4
Pass	<LOD	10		<LOD	9		80	4
Pass	<LOD	14		<LOD	15		616	11
Pass	<LOD	14		<LOD	15		574	11
Pass	<LOD	14		<LOD	15		627	11
Pass	<LOD	10		<LOD	9		113	5
Pass	<LOD	9		<LOD	8		97	4
Pass	<LOD	10		<LOD	9		100	5
Pass	<LOD	10		<LOD	9		54	4
Pass	<LOD	10		<LOD	9		70	4
Pass	<LOD	10		<LOD	9		62	4
Pass	<LOD	10		<LOD	9		79	4
Pass	<LOD	10		<LOD	9		79	4
Pass	<LOD	10		<LOD	9		79	4
	<LOD	10		<LOD	9		69	4
Pass	<LOD	10		<LOD	8		58	4
Pass	<LOD	9		<LOD	8		56	4
Pass	<LOD	10		<LOD	9		74	4

Pass	<LOD	10	<LOD	9	71	4
Pass	<LOD	10	<LOD	9	68	4
Pass	<LOD	11	<LOD	10	130	5
Pass	<LOD	10	<LOD	9	139	5
Pass	<LOD	11	<LOD	10	129	5

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019825			225			47.36	
Pass							57.31	testing
Pass							54.99	testing
Pass							54.17	testing
Pass							52.45	testing
Pass							52	testing
Pass							53.25	testing
Pass							52.35	testing
Pass							52.59	testing
Pass							52.65	testing
Pass							52.02	testing
Pass							51.97	testing
Pass							51.84	testing
Pass							52.08	testing
Pass							52.45	testing
Pass							51.92	testing
Pass							52.41	testing
Pass							52.28	testing
Pass							52.45	testing
Pass							51.47	testing
Pass							51.23	testing
Pass							51.9	testing
Pass							52.38	testing
Pass							52.06	testing
Pass							52.28	testing
Pass							53.19	testing
Pass							52.31	testing
Pass							52.32	testing
Pass							51.62	testing
Pass							51.59	testing
Pass							51.95	testing
Pass							51.78	testing
Pass							51.58	testing
Pass							52.77	testing
Pass							52.82	testing
Pass							52.44	testing
Pass							53.43	testing
Pass							51.4	testing
Pass							52.37	testing
Pass							52.19	testing
Pass							53.03	testing
Pass							53.01	testing
Pass							53.09	testing
Pass							51.57	testing
Pass							52.26	testing
Pass							52.67	testing
Pass							52.29	testing
Pass							52.52	testing
Pass							53.02	testing
Pass							53.64	testing

Pass	53.27	testing
Pass	53.93	testing
Pass	51.96	testing
Pass	52.45	testing
Pass	52.33	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
11-Aug-08	1			-0.018015			PASS	Standardiz
11-Aug-08	2				NIST2710	high		Soil
11-Aug-08	3				NIST2711	medium		Soil
11-Aug-08	4				NIST2709	low		Soil
11-Aug-08	5				5011	F1		Soil
11-Aug-08	6				5011	F1		Soil
11-Aug-08	7				5011	F1		Soil
11-Aug-08	8				5011	F2		Soil
11-Aug-08	9				5011	F2		Soil
11-Aug-08	10				5011	F2		Soil
11-Aug-08	11				5011	B1		Soil
11-Aug-08	12				5011	B1		Soil
11-Aug-08	13				5011	B1		Soil
11-Aug-08	14				5011	B2		Soil
11-Aug-08	15				5011	B2		Soil
11-Aug-08	16				5011	B2		Soil
11-Aug-08	17				5011	DZ		Soil
11-Aug-08	18				5011	DZ		Soil
11-Aug-08	19				5011	DZ		Soil
11-Aug-08	20				5011	PZ		Soil
11-Aug-08	21				5011	PZ		Soil
11-Aug-08	22				5011	PZ		Soil
11-Aug-08	23				20028	F1-10 sieve		Soil
11-Aug-08	24				20028	F1-10 sieve		Soil
11-Aug-08	25				20028	F1-sieve		Soil
11-Aug-08	26				20028	F1-60 sieve		Soil
11-Aug-08	27				20028	F1-60 sieve		Soil
11-Aug-08	28				20028	F1-60 sieve		Soil
11-Aug-08	29				20028	F2		Soil
11-Aug-08	30				20028	F2		Soil
11-Aug-08	31				20028	F2		Soil
11-Aug-08	32				20028	B1		Soil
11-Aug-08	33				20028	B1		Soil
11-Aug-08	34				20028	B1		Soil
11-Aug-08	35				20028	B2		Soil
11-Aug-08	36				20028	B2		Soil
11-Aug-08	37				20028	B2		Soil
11-Aug-08	38				20028	DZ		Soil
11-Aug-08	39				20028	DZ		Soil
11-Aug-08	40				20028	DZ		Soil
11-Aug-08	41				20028	GZ		Soil
11-Aug-08	42				20028	GZ		Soil
11-Aug-08	43				20028	GZ		Soil
11-Aug-08	44				20028	DW		Soil
11-Aug-08	45				20028	DW		Soil
11-Aug-08	46				20028	DW		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
6:46:02								
6:47:32				<LOD		0	NA	
6:50:28				<LOD		0	NA	
6:53:03				<LOD		0	NA	
6:55:29	shot 1			<LOD		0	NA	
6:57:51	shot 2			<LOD		0	NA	
6:59:58	shot 3			<LOD		0	NA	
7:02:09	shot 1			<LOD		0	NA	
7:04:22	shot 2			<LOD		0	NA	
7:06:37	shot 3			<LOD		0	NA	
7:09:17	shot 1			<LOD		0	NA	
7:12:14	shot 2			<LOD		0	NA	
7:14:28	shot 3			<LOD		0	NA	
7:17:41	shot 1			<LOD		0	NA	
7:22:06	shot 2			<LOD		0	NA	
7:24:26	shot 3			<LOD		0	NA	
7:27:08	shot 1			<LOD		0	NA	
7:29:20	shot 2			<LOD		0	NA	
7:31:38	shot 3			<LOD		0	NA	
7:33:51	shot 1			<LOD		0	NA	
7:36:04	shot 2			<LOD		0	NA	
7:38:40	shot 3			<LOD		0	NA	
7:45:36	shot 1			<LOD		0	NA	
7:48:10	shot 2			<LOD		0	NA	
7:50:32	shot 3			<LOD		0	NA	
7:52:52	shot 1			<LOD		0	NA	
7:55:10	shot 2			<LOD		0	NA	
7:57:31	shot 3			<LOD		0	NA	
7:59:51	shot 1			<LOD		0	NA	
8:02:08	shot 2			<LOD		0	NA	
8:04:44	shot 3			<LOD		0	NA	
8:07:08	shot 1			<LOD		0	NA	
8:09:32	shot 2			<LOD		0	NA	
8:11:48	shot 3			<LOD		0	NA	
8:14:11	shot 1			<LOD		0	NA	
8:16:37	shot 2			<LOD		0	NA	
8:18:52	shot 3			<LOD		0	NA	
8:21:49	shot 1			<LOD		0	NA	
8:24:11	shot 2			<LOD		0	NA	
8:26:31	shot 3			<LOD		0	NA	
8:28:52	shot 1			<LOD		0	NA	
8:31:20	shot 2			<LOD		0	NA	
8:33:48	shot 3			<LOD		0	NA	
8:36:16	shot 1			<LOD		0	NA	
8:39:11	shot 2			<LOD		0	NA	
8:41:19	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3019	375	Pass	<LOD	126
	NA			2708	301	Pass	<LOD	97
	NA			3154	318	Pass	166	36
	NA			3726	274	Pass	<LOD	77
	NA			3583	281	Pass	<LOD	81
	NA			3819	279	Pass	<LOD	76
	NA			4376	298	Pass	110	29
	NA			4479	300	Pass	99	29
	NA			4759	311	Pass	103	29
	NA			3863	285	Pass	85	27
	NA			4567	285	Pass	84	27
	NA			4168	288	Pass	95	28
	NA			4656	302	Pass	<LOD	82
	NA			4052	293	Pass	119	30
	NA			4518	309	Pass	<LOD	87
	NA			4199	301	Pass	<LOD	81
	NA			4446	296	Pass	<LOD	79
	NA			4353	309	Pass	<LOD	86
	NA			4665	309	Pass	<LOD	84
	NA			4254	298	Pass	94	29
	NA			4230	298	Pass	<LOD	79
	NA			3965	338	Pass	<LOD	93
	NA			3874	328	Pass	<LOD	91
	NA			3850	336	Pass	110	32
	NA			4006	329	Pass	185	33
	NA			4323	338	Pass	<LOD	91
	NA			3746	331	Pass	<LOD	92
	NA			<LOD	1819		285	55
	NA			<LOD	1883		263	56
	NA			3069	600	Pass	266	53
	NA			4038	329	Pass	124	31
	NA			4221	319	Pass	<LOD	86
	NA			4098	331	Pass	137	32
	NA			4049	589	Pass	221	51
	NA			2531	562	Pass	247	51
	NA			4582	561	Pass	204	48
	NA			4251	306	Pass	<LOD	82
	NA			4195	307	Pass	<LOD	84
	NA			4270	316	Pass	<LOD	84
	NA			4192	303	Pass	<LOD	84
	NA			3656	298	Pass	<LOD	86
	NA			3692	303	Pass	<LOD	86
	NA			2681	514	Pass	150	46
	NA			3408	412	Pass	142	38
	NA			3398	451	Pass	183	42

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	10222	158	Pass	38212	421	Pass	<LOD	206
	483	31	Pass	25127	262	Pass	<LOD	154
Pass	497	32	Pass	32244	318	Pass	<LOD	169
	604	28	Pass	11580	127	Pass	<LOD	96
	690	30	Pass	11563	127	Pass	<LOD	96
	711	30	Pass	11226	123	Pass	<LOD	92
Pass	621	30	Pass	14382	154	Pass	<LOD	109
Pass	613	30	Pass	13681	149	Pass	<LOD	108
Pass	693	31	Pass	14443	156	Pass	<LOD	110
Pass	859	33	Pass	12175	134	Pass	<LOD	98
Pass	813	32	Pass	12199	133	Pass	<LOD	98
Pass	814	32	Pass	12292	134	Pass	<LOD	100
	579	29	Pass	18602	187	Pass	<LOD	122
Pass	526	29	Pass	18738	189	Pass	<LOD	122
	611	30	Pass	18099	186	Pass	<LOD	124
	679	31	Pass	13529	147	Pass	<LOD	106
	664	30	Pass	13033	141	Pass	<LOD	103
	712	32	Pass	13039	144	Pass	<LOD	105
	598	30	Pass	15142	161	Pass	<LOD	113
Pass	512	28	Pass	14893	159	Pass	<LOD	111
	555	29	Pass	15250	161	Pass	<LOD	113
	927	35	Pass	13071	144	Pass	<LOD	105
	982	36	Pass	13245	144	Pass	<LOD	104
Pass	916	36	Pass	13398	148	Pass	<LOD	106
Pass	867	34	Pass	13093	144	Pass	<LOD	103
	939	36	Pass	13287	146	Pass	<LOD	106
	865	35	Pass	12668	142	Pass	<LOD	105
Pass	1065	45	Pass	21803	239	Pass	<LOD	148
Pass	1095	46	Pass	23006	251	Pass	<LOD	150
Pass	1126	45	Pass	23339	249	Pass	<LOD	148
Pass	857	34	Pass	13896	150	Pass	<LOD	106
	912	35	Pass	14021	152	Pass	<LOD	108
Pass	809	34	Pass	14293	156	Pass	<LOD	110
Pass	986	43	Pass	17612	200	Pass	<LOD	131
Pass	904	41	Pass	17515	199	Pass	<LOD	131
Pass	893	40	Pass	16861	190	Pass	<LOD	127
	889	34	Pass	12594	138	Pass	<LOD	101
	814	33	Pass	12775	140	Pass	<LOD	103
	769	33	Pass	12693	141	Pass	<LOD	102
	761	32	Pass	15324	160	Pass	<LOD	111
	748	32	Pass	14843	158	Pass	<LOD	110
	730	32	Pass	14864	158	Pass	<LOD	108
Pass	981	41	Pass	21776	232	Pass	<LOD	142
Pass	1037	40	Pass	21975	224	Pass	<LOD	137
Pass	1055	41	Pass	22012	230	Pass	<LOD	140

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	41		3001	45	Pass	7032	81
	<LOD	31		89	9	Pass	319	9
	53	11	Pass	29	7	Pass	89	5
	<LOD	24		24	6	Pass	256	7
	<LOD	24		27	6	Pass	242	7
	<LOD	23		32	6	Pass	255	7
	<LOD	25		<LOD	18		190	7
	<LOD	26		24	6	Pass	186	7
	<LOD	25		<LOD	19		196	7
	<LOD	25		<LOD	18		155	6
	<LOD	24		20	6	Pass	162	6
	25	8	Pass	<LOD	18		165	6
	<LOD	27		32	7	Pass	418	10
	42	9	Pass	32	7	Pass	418	10
	<LOD	27		50	7	Pass	414	10
	<LOD	26		<LOD	19		374	9
	<LOD	24		<LOD	18		355	9
	32	9	Pass	27	6	Pass	363	9
	<LOD	25		19	6	Pass	168	6
	28	9	Pass	22	6	Pass	171	6
	<LOD	26		<LOD	19		173	6
	<LOD	26		39	7	Pass	225	7
	<LOD	25		32	6	Pass	228	7
	27	9	Pass	32	7	Pass	219	7
	<LOD	25		28	6	Pass	219	7
	35	9	Pass	22	6	Pass	209	7
	<LOD	26		26	7	Pass	209	7
	<LOD	32		38	8	Pass	440	11
	77	12	Pass	58	8	Pass	447	11
	75	11	Pass	39	8	Pass	450	11
	<LOD	25		20	6	Pass	104	5
	<LOD	26		20	6	Pass	110	5
	<LOD	26		39	7	Pass	100	5
	53	10	Pass	70	8	Pass	297	9
	32	10	Pass	71	8	Pass	281	9
	38	10	Pass	82	8	Pass	282	9
	<LOD	25		<LOD	18		231	7
	28	9	Pass	24	6	Pass	221	7
	<LOD	25		21	6	Pass	226	7
	<LOD	26		19	6	Pass	203	7
	26	9	Pass	29	6	Pass	198	7
	<LOD	24		22	6	Pass	204	7
	45	10	Pass	33	7	Pass	342	10
	30	10	Pass	35	7	Pass	356	9
	53	10	Pass	42	7	Pass	356	10

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	682	24	Pass	<LOD	10		134	4
Pass	98	9	Pass	<LOD	5		112	3
Pass	13	2	Pass	<LOD	3		90	2
Pass	<LOD	8		<LOD	3		62	2
Pass	10	3	Pass	<LOD	3		59	2
Pass	<LOD	8		<LOD	3		59	2
Pass	<LOD	7		<LOD	3		70	2
Pass	<LOD	7		<LOD	3		71	2
Pass	<LOD	7		<LOD	3		71	2
Pass	<LOD	7		<LOD	3		64	2
Pass	<LOD	7		<LOD	3		60	2
Pass	<LOD	7		<LOD	3		68	2
Pass	8	3	Pass	<LOD	3		67	2
Pass	<LOD	7		<LOD	3		69	2
Pass	<LOD	8		<LOD	3		74	2
Pass	<LOD	8		<LOD	3		72	2
Pass	<LOD	8		<LOD	3		66	2
Pass	<LOD	8		<LOD	3		71	2
Pass	8	2	Pass	<LOD	3		72	2
Pass	<LOD	7		<LOD	3		71	2
Pass	<LOD	7		<LOD	3		69	2
Pass	<LOD	13		<LOD	3		62	2
Pass	<LOD	13		<LOD	3		64	2
Pass	<LOD	13		<LOD	4		64	2
Pass	15	4	Pass	<LOD	3		66	2
Pass	<LOD	13		<LOD	3		67	2
Pass	<LOD	13		<LOD	3		63	2
Pass	<LOD	22		<LOD	5		48	2
Pass	32	8	Pass	<LOD	5		46	2
Pass	38	7	Pass	<LOD	5		48	2
Pass	14	3	Pass	<LOD	3		64	2
Pass	14	3	Pass	<LOD	3		66	2
Pass	<LOD	10		<LOD	3		66	2
Pass	<LOD	17		<LOD	4		61	2
Pass	<LOD	17		<LOD	4		60	2
Pass	<LOD	16		<LOD	4		57	2
Pass	<LOD	13		<LOD	3		60	2
Pass	<LOD	13		<LOD	3		63	2
Pass	<LOD	13		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		65	2
Pass	12	3	Pass	<LOD	3		63	2
Pass	<LOD	9		<LOD	3		61	2
Pass	22	6	Pass	<LOD	4		51	2
Pass	<LOD	17		<LOD	4		55	2
Pass	20	6	Pass	<LOD	4		55	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	342	6	Pass	49	4	Pass	18	3
Pass	253	4	Pass	268	5	Pass	<LOD	8
Pass	233	4	Pass	79	3	Pass	<LOD	7
Pass	83	2	Pass	467	6	Pass	10	2
Pass	87	2	Pass	465	6	Pass	8	2
Pass	80	2	Pass	459	6	Pass	10	2
Pass	87	2	Pass	550	7	Pass	9	3
Pass	88	2	Pass	533	6	Pass	11	3
Pass	90	2	Pass	548	7	Pass	<LOD	8
Pass	83	2	Pass	539	6	Pass	<LOD	7
Pass	82	2	Pass	534	6	Pass	10	3
Pass	81	2	Pass	529	6	Pass	12	3
Pass	76	2	Pass	427	6	Pass	<LOD	7
Pass	72	2	Pass	412	5	Pass	<LOD	7
Pass	76	2	Pass	421	6	Pass	10	3
Pass	87	2	Pass	536	6	Pass	<LOD	8
Pass	85	2	Pass	539	6	Pass	<LOD	8
Pass	91	2	Pass	560	7	Pass	8	3
Pass	82	2	Pass	531	6	Pass	9	3
Pass	81	2	Pass	534	6	Pass	8	3
Pass	80	2	Pass	532	6	Pass	9	3
Pass	120	3	Pass	512	6	Pass	<LOD	8
Pass	117	3	Pass	507	6	Pass	<LOD	8
Pass	118	3	Pass	504	6	Pass	9	3
Pass	121	3	Pass	532	6	Pass	10	3
Pass	120	3	Pass	547	7	Pass	<LOD	8
Pass	117	3	Pass	543	7	Pass	<LOD	8
Pass	298	5	Pass	256	5	Pass	<LOD	8
Pass	298	5	Pass	242	5	Pass	<LOD	8
Pass	287	5	Pass	245	5	Pass	<LOD	8
Pass	112	3	Pass	534	6	Pass	8	3
Pass	112	3	Pass	539	7	Pass	<LOD	8
Pass	110	3	Pass	548	7	Pass	<LOD	8
Pass	304	5	Pass	471	7	Pass	9	3
Pass	295	5	Pass	470	7	Pass	11	3
Pass	289	5	Pass	470	7	Pass	<LOD	8
Pass	104	2	Pass	490	6	Pass	<LOD	7
Pass	105	2	Pass	509	6	Pass	<LOD	7
Pass	100	2	Pass	497	6	Pass	<LOD	8
Pass	118	3	Pass	419	6	Pass	8	2
Pass	115	3	Pass	421	6	Pass	8	2
Pass	114	3	Pass	426	6	Pass	<LOD	7
Pass	223	4	Pass	270	5	Pass	8	3
Pass	177	3	Pass	313	5	Pass	<LOD	8
Pass	208	4	Pass	258	5	Pass	<LOD	8

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass	<LOD	34		<LOD	42		<LOD	68
	<LOD	31		55	13	Pass	<LOD	62
	<LOD	30		<LOD	36		<LOD	59
Pass	<LOD	27		<LOD	34		<LOD	55
Pass	<LOD	27		<LOD	34		<LOD	55
Pass	<LOD	27		<LOD	33		<LOD	55
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	27		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	31		<LOD	38		<LOD	64
	<LOD	31		<LOD	39		<LOD	64
	<LOD	31		<LOD	37		<LOD	62
Pass	<LOD	28		40	12	Pass	<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	35		<LOD	58
Pass	<LOD	31		<LOD	38		67	21
Pass	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	37		<LOD	62
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	30		<LOD	37		<LOD	62
	<LOD	29		<LOD	35		<LOD	59
	<LOD	30		<LOD	37		<LOD	61

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	71		NA			756	235
	<LOD	66		NA			799	188
	<LOD	61		NA			1170	201
	<LOD	58		NA			847	165
	<LOD	58		NA			1219	173
	<LOD	58		NA			1050	169
	<LOD	61		NA			816	175
	<LOD	61		NA			844	177
	<LOD	61		NA			975	183
	<LOD	59		NA			966	172
	<LOD	59		NA			<LOD	486
	<LOD	59		NA			851	171
	<LOD	60		NA			749	176
	<LOD	60		NA			763	174
	<LOD	61		NA			928	183
	<LOD	61		NA			1176	182
	<LOD	59		NA			917	175
	<LOD	61		NA			1290	187
	<LOD	61		NA			1032	182
	<LOD	61		NA			885	177
	<LOD	61		NA			979	178
	<LOD	61		NA			2973	221
	<LOD	60		NA			2670	213
	<LOD	62		NA			2772	219
	<LOD	61		NA			2506	212
	<LOD	62		NA			2581	216
	<LOD	62		NA			2640	216
	<LOD	67		NA			18117	490
	<LOD	67		NA			19128	507
	<LOD	65		NA			17014	471
	<LOD	60		NA			2522	212
	<LOD	60		NA			1867	199
	<LOD	61		NA			2304	211
Pass	<LOD	66		NA			15088	452
	<LOD	66		NA			14581	439
	<LOD	65		NA			13411	422
	<LOD	60		NA			1500	188
	<LOD	60		NA			1554	189
	<LOD	61		NA			1711	195
	<LOD	58		NA			1296	184
	<LOD	59		NA			1405	185
	<LOD	59		NA			1631	190
	<LOD	65		NA			11965	393
	<LOD	62		NA			6336	293
	<LOD	64		NA			7995	328

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass		47	15 Pass	<LOD	50		5669	65
Pass	<LOD		19	<LOD	22		1178	18
Pass	<LOD		11	<LOD	9		19	3
Pass	<LOD		10	<LOD	9		108	5
Pass	<LOD		10	<LOD	9		105	5
Pass	<LOD		10	<LOD	9		111	5
Pass	<LOD		10	<LOD	8		66	4
Pass	<LOD		10	<LOD	9		56	4
Pass	<LOD		10	<LOD	9		64	4
Pass	<LOD		10	<LOD	8		52	4
	<LOD		10	<LOD	8		48	4
Pass	<LOD		10	<LOD	9		53	4
Pass	<LOD		10	<LOD	9		68	4
Pass	<LOD		10	<LOD	9		68	4
Pass	<LOD		11	<LOD	9		72	4
Pass	<LOD		11	<LOD	9		96	5
Pass	<LOD		10	<LOD	9		87	4
Pass	<LOD		11	<LOD	10		96	5
Pass	<LOD		10	<LOD	8		42	4
Pass	<LOD		10	<LOD	9		45	4
Pass	<LOD		10	<LOD	9		42	4
Pass	<LOD		11	<LOD	12		276	7
Pass	<LOD		11	<LOD	12		292	7
Pass	<LOD		12	<LOD	12		284	7
Pass	<LOD		12	<LOD	12		258	7
Pass	<LOD		12	<LOD	12		268	7
Pass	<LOD		12	<LOD	12		275	7
Pass	<LOD		17	20	6	Pass	764	14
Pass	<LOD		17	<LOD	19		767	14
Pass	<LOD		17	<LOD	18		747	13
Pass	<LOD		10	<LOD	10		147	5
Pass	<LOD		11	<LOD	10		155	6
Pass	<LOD		11	<LOD	11		159	6
Pass	<LOD		14	<LOD	15		424	10
Pass	<LOD		14	<LOD	15		415	10
Pass	<LOD		14	<LOD	14		392	9
Pass	<LOD		11	<LOD	12		309	7
Pass	<LOD		12	<LOD	12		313	8
Pass	<LOD		11	<LOD	12		303	8
Pass	<LOD		11	<LOD	10		141	5
Pass	<LOD		10	<LOD	10		135	5
Pass	<LOD		9	<LOD	9		130	5
Pass	<LOD		14	<LOD	15		446	10
Pass	<LOD		14	<LOD	15		480	10
Pass	<LOD		14	<LOD	15		458	10

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019818			225			47.21	
Pass							55.2	testing
Pass							54.86	testing
Pass							56.38	testing
Pass							52.01	testing
Pass							51.57	testing
Pass							52.01	testing
Pass							53.45	testing
Pass							52.45	testing
Pass							52.68	testing
Pass							52	testing
Pass							52.05	testing
Pass							52.95	testing
Pass							51.8	testing
Pass							52.17	testing
Pass							52.16	testing
Pass							52.03	testing
Pass							52.05	testing
Pass							52.52	testing
Pass							51.7	testing
Pass							51.89	testing
Pass							52.11	testing
Pass							51.77	testing
Pass							53.02	testing
Pass							51.93	testing
Pass							52.74	testing
Pass							51.72	testing
Pass							52.18	testing
Pass							53.79	testing
Pass							54	testing
Pass							53.68	testing
Pass							53.16	testing
Pass							52.39	testing
Pass							52.38	testing
Pass							54.59	testing
Pass							54.89	testing
Pass							54.54	testing
Pass							51.95	testing
Pass							51.93	testing
Pass							53.34	testing
Pass							54.36	testing
Pass							53.42	testing
Pass							53.52	testing
Pass							54.29	testing
Pass							53.32	testing
Pass							55.13	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
12-Aug-08	1			-0.015959			PASS	Standardiz
12-Aug-08	2				NIST2711	medium		Soil
12-Aug-08	3				NIST2709	low		Soil
12-Aug-08	4				NIST2710	high		Soil
12-Aug-08	5				30182	F1		Soil
12-Aug-08	6				30182	F1		Soil
12-Aug-08	7				30182	F1		Soil
12-Aug-08	8				30182	F2		Soil
12-Aug-08	9				30182	F2		Soil
12-Aug-08	10				30182	F2		Soil
12-Aug-08	11				30182	B1		Soil
12-Aug-08	12				30182	B1		Soil
12-Aug-08	13				30182	B1		Soil
12-Aug-08	14				30182	B2-10 sieve		Soil
12-Aug-08	15				30182	B2-10 sieve		Soil
12-Aug-08	16				30182	B2-10 sieve		Soil
12-Aug-08	17				30182	B2-60 sieve		Soil
12-Aug-08	18				30182	B2-60 sieve		Soil
12-Aug-08	19				30182	B2-60 sieve		Soil
12-Aug-08	20				30128	DZ		Soil
12-Aug-08	21				30182	DZ		Soil
12-Aug-08	22				30182	DZ		Soil
12-Aug-08	23				30182	GZ		Soil
12-Aug-08	24				30182	GZ		Soil
12-Aug-08	25				30182	GZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
14:01:07								
14:02:30				<LOD		0	NA	
14:05:03				<LOD		0	NA	
14:07:38				<LOD		0	NA	
14:10:53	shot 1			<LOD		0	NA	
14:13:06	shot 2			<LOD		0	NA	
14:15:15	shot 3			<LOD		0	NA	
14:17:31	shot 1			<LOD		0	NA	
14:19:50	shot 2			<LOD		0	NA	
14:31:51	shot 3			<LOD		0	NA	
14:36:08	shot 1			<LOD		0	NA	
14:38:35	shot 2			<LOD		0	NA	
14:40:48	shot 3			<LOD		0	NA	
14:44:50	shot 1			<LOD		0	NA	
14:47:35	shot 2			<LOD		0	NA	
14:50:20	shot 3			<LOD		0	NA	
14:53:11	shot 1			<LOD		0	NA	
14:55:59	shot 2			<LOD		0	NA	
14:58:55	shot 3			<LOD		0	NA	
15:03:07	shot 1			<LOD		0	NA	
15:05:38	shot 2			<LOD		0	NA	
15:08:03	shot 3			<LOD		0	NA	
15:10:27	shot 1			<LOD		0	NA	
15:12:56	shot 2			<LOD		0	NA	
15:15:13	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3334	320	Pass	<LOD	98
	NA			3442	315	Pass	190	36
	NA			3124	383	Pass	<LOD	129
	NA			1482	372	Pass	200	38
	NA			2071	372	Pass	112	36
	NA			1362	365	Pass	141	37
	NA			3645	347	Pass	<LOD	100
	NA			3264	353	Pass	<LOD	103
	NA			2943	355	Pass	114	35
	NA			3330	425	Pass	159	42
	NA			3040	417	Pass	<LOD	119
	NA			3217	411	Pass	207	42
	NA			1342	386	Pass	144	37
	NA			1562	368	Pass	<LOD	104
	NA			1751	397	Pass	115	37
	NA			3147	492	Pass	<LOD	127
	NA			3066	516	Pass	234	47
	NA			2761	499	Pass	157	45
	NA			<LOD	2129		513	67
	NA			2553	679	Pass	368	62
	NA			2962	644	Pass	425	61
	NA			3388	355	Pass	111	33
	NA			3527	347	Pass	<LOD	94
	NA			3265	348	Pass	121	33

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	549	33	Pass	25125	262	Pass	<LOD	154
Pass	416	30	Pass	32159	317	Pass	<LOD	168
	10414	160	Pass	39013	430	Pass	<LOD	211
Pass	442	29	Pass	16234	176	Pass	<LOD	117
Pass	418	29	Pass	17664	191	Pass	<LOD	125
Pass	412	29	Pass	16383	179	Pass	<LOD	121
	568	31	Pass	25378	249	Pass	<LOD	146
	639	33	Pass	25887	255	Pass	<LOD	149
Pass	608	33	Pass	25367	251	Pass	<LOD	147
Pass	609	36	Pass	36362	357	Pass	<LOD	182
	553	35	Pass	35523	350	Pass	<LOD	182
Pass	605	36	Pass	36201	354	Pass	<LOD	182
Pass	589	31	Pass	17838	184	Pass	<LOD	121
	518	29	Pass	17102	176	Pass	<LOD	116
Pass	534	30	Pass	16904	174	Pass	<LOD	114
	778	37	Pass	20634	217	Pass	<LOD	133
Pass	774	38	Pass	21215	226	Pass	<LOD	139
Pass	801	38	Pass	21995	231	Pass	<LOD	139
Pass	843	45	Pass	31089	333	Pass	<LOD	177
Pass	817	44	Pass	31242	336	Pass	<LOD	181
Pass	832	44	Pass	31653	336	Pass	<LOD	178
Pass	638	31	Pass	16063	170	Pass	<LOD	114
	673	32	Pass	15983	168	Pass	<LOD	116
Pass	606	31	Pass	15836	169	Pass	<LOD	114

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	31		109	9	Pass	319	9
	59	11	Pass	23	7	Pass	94	5
	<LOD	39		3062	46	Pass	7190	83
	36	9	Pass	27	7	Pass	217	7
	34	9	Pass	29	7	Pass	233	8
	58	10	Pass	20	7	Pass	241	8
	32	10	Pass	32	7	Pass	328	9
	46	10	Pass	35	7	Pass	355	9
	36	10	Pass	30	7	Pass	331	9
	59	12	Pass	47	8	Pass	541	12
	<LOD	34		41	8	Pass	524	12
	37	11	Pass	60	8	Pass	514	12
	27	9	Pass	36	7	Pass	244	8
	27	9	Pass	24	6	Pass	227	7
	54	9	Pass	<LOD	18		230	7
	<LOD	28		23	7	Pass	267	8
	<LOD	30		35	7	Pass	282	9
	31	10	Pass	37	7	Pass	292	9
	62	12	Pass	53	9	Pass	1037	19
	69	13	Pass	40	8	Pass	1031	19
	51	12	Pass	51	8	Pass	1054	19
	37	9	Pass	23	6	Pass	213	7
	32	9	Pass	<LOD	19		205	7
	<LOD	25		23	6	Pass	229	7

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	99	9	Pass	<LOD	5		112	3
Pass	14	2	Pass	<LOD	3		92	2
Pass	735	24	Pass	<LOD	11		127	4
Pass	18	5	Pass	<LOD	3		42	2
Pass	<LOD	15		<LOD	4		41	2
Pass	17	5	Pass	<LOD	4		40	2
Pass	17	4	Pass	<LOD	3		65	2
Pass	14	4	Pass	<LOD	3		63	2
Pass	<LOD	13		<LOD	3		65	2
Pass	<LOD	17		<LOD	4		74	2
Pass	17	6	Pass	<LOD	4		72	2
Pass	25	6	Pass	<LOD	4		71	2
Pass	<LOD	13		<LOD	3		45	2
Pass	14	4	Pass	<LOD	3		39	2
Pass	16	4	Pass	<LOD	3		39	2
Pass	25	5	Pass	<LOD	4		62	2
Pass	21	5	Pass	<LOD	4		59	2
Pass	18	5	Pass	<LOD	4		59	2
Pass	42	8	Pass	<LOD	5		57	2
Pass	48	8	Pass	<LOD	5		57	2
Pass	34	8	Pass	<LOD	5		56	2
Pass	12	3	Pass	<LOD	3		60	2
Pass	<LOD	10		<LOD	3		57	2
Pass	<LOD	10		<LOD	3		57	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	246	4	Pass	266	5	Pass	<LOD	8
Pass	237	4	Pass	75	3	Pass	<LOD	7
Pass	344	6	Pass	44	4	Pass	23	3
Pass	126	3	Pass	144	4	Pass	<LOD	7
Pass	126	3	Pass	154	4	Pass	10	3
Pass	131	3	Pass	144	4	Pass	<LOD	7
Pass	107	3	Pass	285	5	Pass	<LOD	7
Pass	102	2	Pass	304	5	Pass	<LOD	7
Pass	114	3	Pass	299	5	Pass	<LOD	7
Pass	119	3	Pass	189	4	Pass	10	3
Pass	113	3	Pass	193	4	Pass	<LOD	8
Pass	113	3	Pass	183	4	Pass	<LOD	8
Pass	120	3	Pass	184	4	Pass	<LOD	7
Pass	99	2	Pass	167	4	Pass	<LOD	7
Pass	112	2	Pass	156	4	Pass	<LOD	7
Pass	215	4	Pass	286	5	Pass	<LOD	8
Pass	228	4	Pass	306	5	Pass	11	3
Pass	234	4	Pass	303	5	Pass	9	3
Pass	359	6	Pass	154	4	Pass	<LOD	8
Pass	324	5	Pass	166	5	Pass	9	3
Pass	279	5	Pass	160	4	Pass	<LOD	8
Pass	124	3	Pass	378	5	Pass	9	3
Pass	114	3	Pass	363	5	Pass	<LOD	7
Pass	117	3	Pass	377	5	Pass	9	3

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		63	13	Pass	<LOD	62
	<LOD	29		<LOD	35		<LOD	57
Pass	37	11	Pass	<LOD	42		<LOD	68
	<LOD	29		<LOD	35		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	58
	<LOD	29		<LOD	36		<LOD	60
	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	58
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	60
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	57
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	30		<LOD	37		<LOD	59
Pass	<LOD	30		<LOD	36		<LOD	58
	<LOD	32		<LOD	39		<LOD	64
Pass	<LOD	32		<LOD	40		76	22
	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	29		<LOD	35		<LOD	58

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	65		NA			1094	199
	<LOD	59		NA			876	194
	<LOD	71		NA			889	241
	<LOD	61		NA			5938	277
	<LOD	60		NA			5191	270
	<LOD	63		NA			5451	271
	<LOD	60		NA			2937	229
	<LOD	61		NA			3362	238
	<LOD	61		NA			3725	244
	<LOD	65		NA			5726	299
	<LOD	64		NA			5554	294
	<LOD	63		NA			5170	288
	<LOD	60		NA			7265	292
	<LOD	59		NA			6392	274
	<LOD	59		NA			7967	300
	<LOD	61		NA			10893	370
	<LOD	62		NA			11996	392
	<LOD	60		NA			11358	379
	<LOD	67		NA			24665	594
Pass	75	23	Pass	NA			20460	546
	<LOD	67		NA			18088	509
	<LOD	61		NA			4071	243
	<LOD	60		NA			3677	234
	<LOD	61		NA			3672	237

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	20		<LOD	22		1170	18
Pass	<LOD	11		<LOD	9		17	3
Pass	<LOD	46		52	17	Pass	5737	66
Pass	<LOD	13		<LOD	13		335	8
Pass	<LOD	13		<LOD	14		362	9
Pass	<LOD	12		<LOD	13		339	8
Pass	<LOD	12		<LOD	12		292	7
Pass	<LOD	13		<LOD	12		289	7
Pass	<LOD	13		<LOD	12		272	7
Pass	<LOD	15		<LOD	15		469	10
Pass	<LOD	14		<LOD	15		432	10
Pass	<LOD	14		<LOD	15		456	10
Pass	<LOD	12		<LOD	12		279	7
Pass	<LOD	11		<LOD	12		274	7
Pass	<LOD	11		<LOD	11		238	7
Pass	<LOD	13		<LOD	13		316	8
Pass	<LOD	14		18	5	Pass	320	8
Pass	<LOD	14		<LOD	14		346	9
Pass	<LOD	19		<LOD	20		867	15
Pass	<LOD	19		<LOD	20		861	15
Pass	<LOD	18		<LOD	20		884	15
Pass	<LOD	10		<LOD	10		146	5
Pass	<LOD	11		<LOD	10		156	6
Pass	<LOD	11		<LOD	10		160	6

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019812				223		47.59	
Pass							54.41	testing
Pass							56.63	testing
Pass							54.94	testing
Pass							55.31	testing
Pass							55.13	testing
Pass							54.08	testing
Pass							53.12	testing
Pass							53.01	testing
Pass							53.42	testing
Pass							53.58	testing
Pass							53.93	testing
Pass							53.97	testing
Pass							52.46	testing
Pass							52.51	testing
Pass							53.26	testing
Pass							54.23	testing
Pass							54.61	testing
Pass							56.08	testing
Pass							55.25	testing
Pass							55.25	testing
Pass							55.71	testing
Pass							52.92	testing
Pass							53.11	testing
Pass							53.47	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
13-Aug-08	1			-0.036777			PASS	Standardiz
13-Aug-08	2				NIST2709	low		Soil
13-Aug-08	3				NIST2711	medium		Soil
13-Aug-08	4				NIST2710	high		Soil
13-Aug-08	5				438	F1		Soil
13-Aug-08	6				438	F1		Soil
13-Aug-08	7				438	F1		Soil
13-Aug-08	8				438	F2		Soil
13-Aug-08	9				438	F2		Soil
13-Aug-08	10				438	F2		Soil
13-Aug-08	11				438	B1-10 sieve		Soil
13-Aug-08	12				438	B1-10 sieve		Soil
13-Aug-08	13				438	B1-10 sieve		Soil
13-Aug-08	14				438	B1-60 sieve		Soil
13-Aug-08	15				438	B1-60 sieve		Soil
13-Aug-08	16				438	B1-60 sieve		Soil
13-Aug-08	17				438	B2		Soil
13-Aug-08	18				438	B2		Soil
13-Aug-08	19				438	B2		Soil
13-Aug-08	20				438	DZ		Soil
13-Aug-08	21				438	DZ		Soil
13-Aug-08	22				438	DZ		Soil
13-Aug-08	23				438	GZ		Soil
13-Aug-08	24				438	GZ		Soil
13-Aug-08	25				438	GZ		Soil
13-Aug-08	26				1612	F1		Soil
13-Aug-08	27				1612	F1		Soil
13-Aug-08	28				1612	F1		Soil
13-Aug-08	29				1612	F1-bio		Soil
13-Aug-08	30				1612	F1-bio		Soil
13-Aug-08	31				1612	F1-bio		Soil
13-Aug-08	32				1612	F2-10 sieve		Soil
13-Aug-08	33				1612	F2-10 sieve		Soil
13-Aug-08	34				1612	F2-10 sieve		Soil
13-Aug-08	35				1612	F2-60 sieve		Soil
13-Aug-08	36				1612	F2-60 sieve		Soil
13-Aug-08	37				1612	F2-60 sieve		Soil
13-Aug-08	38				1612	B1		Soil
13-Aug-08	39				1612	B1		Soil
13-Aug-08	40				1612	B1		Soil
13-Aug-08	41				1612	B2		Soil
13-Aug-08	42				1612	B2		Soil
13-Aug-08	43				1612	B2		Soil
13-Aug-08	44				1612	DZ		Soil
13-Aug-08	45				1612	DZ		Soil
13-Aug-08	46				1612	DZ		Soil
13-Aug-08	47				1612	PZ		Soil
13-Aug-08	48				1612	PZ		Soil
13-Aug-08	49				1612	PZ		Soil
13-Aug-08	50				23715	F1		Soil

13-Aug-08	51		23715	F1		Soil
13-Aug-08	52		23715	F1		Soil
13-Aug-08	53		23715	F2		Soil
13-Aug-08	54	-0.037906			PASS	Standardiz
13-Aug-08	55		23715	F2		Soil
13-Aug-08	56		23715	F2		Soil
13-Aug-08	57		23715	B1		Soil
13-Aug-08	58		23715	B1		Soil
13-Aug-08	59		23715	B1		Soil
13-Aug-08	60		23715	B2		Soil
13-Aug-08	61		23715	B2		Soil
13-Aug-08	62		23715	B2		Soil
13-Aug-08	63		23715	DZ		Soil
13-Aug-08	64		23715	DZ		Soil
13-Aug-08	65		23715	DZ		Soil
13-Aug-08	66		23715	GZ		Soil
13-Aug-08	67		23715	GZ		Soil
13-Aug-08	68		23715	GZ		Soil
13-Aug-08	69		23715	DW		Soil
13-Aug-08	70		23715	DW		Soil
13-Aug-08	71		23715	DW		Soil
13-Aug-08	72		20070	F1		Soil
13-Aug-08	73		20070	F1		Soil
13-Aug-08	74		20070	F1		Soil
13-Aug-08	75		20070	F2		Soil
13-Aug-08	76		20070	F2		Soil
13-Aug-08	77		20070	F2		Soil
13-Aug-08	78		20070	B1		Soil
13-Aug-08	79		20758	F1		Soil
13-Aug-08	80		20070	B1		Soil
13-Aug-08	81		20070	B2		Soil
13-Aug-08	82		20070	B2		Soil
13-Aug-08	83		20070	B2		Soil
13-Aug-08	84		20070	DZ		Soil
13-Aug-08	85		20070	DZ		Soil
13-Aug-08	86		20070	DZ		Soil
13-Aug-08	87		20070	PZ		Soil
13-Aug-08	88		20070	PZ		Soil
13-Aug-08	89		20070	PZ		Soil
13-Aug-08	90		20070	GZ		Soil
13-Aug-08	91		20070	GZ		Soil
13-Aug-08	92		20070	GZ		Soil
13-Aug-08	93		5002	F1		Soil
13-Aug-08	94	-0.03835			PASS	Standardiz
13-Aug-08	95		5002	F1		Soil
13-Aug-08	96		5002	F1		Soil
13-Aug-08	97		5002	F2		Soil
13-Aug-08	98		5002	F2		Soil
13-Aug-08	99		5002	F2		Soil
13-Aug-08	100		5002	DZ		Soil
13-Aug-08	101		5002	DZ		Soil

13-Aug-08	102		5002 DZ	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
6:58:07								
6:59:28				<LOD		0	NA	
7:02:02				<LOD		0	NA	
7:04:04				<LOD		0	NA	
7:06:28	shot 1			<LOD		0	NA	
7:09:25	shot 2			<LOD		0	NA	
7:11:37	shot 3			<LOD		0	NA	
7:13:50	shot 1			<LOD		0	NA	
7:16:11	shot 2			<LOD		0	NA	
7:18:11	shot 3			<LOD		0	NA	
7:23:20	shot 1			<LOD		0	NA	
7:26:54	shot 2			<LOD		0	NA	
7:29:48	shot 3			<LOD		0	NA	
7:33:31	shot 1			<LOD		0	NA	
7:37:28	shot 2			<LOD		0	NA	
7:42:06	shot 3			<LOD		0	NA	
7:44:44	shot 1			<LOD		0	NA	
7:47:26	shot 2			<LOD		0	NA	
7:50:24	shot 3			<LOD		0	NA	
7:52:50	shot 1			<LOD		0	NA	
7:54:59	shot 2			<LOD		0	NA	
7:57:06	shot 3			<LOD		0	NA	
7:59:15	shot 1			<LOD		0	NA	
8:02:14	shot 2			<LOD		0	NA	
8:04:17	shot 3			<LOD		0	NA	
8:24:05	shot 1			<LOD		0	NA	
8:26:21	shot 2			<LOD		0	NA	
8:28:35	shot 3			<LOD		0	NA	
8:31:20	shot 1			<LOD		0	NA	
8:33:46	shot 2			<LOD		0	NA	
8:36:35	shot 3			<LOD		0	NA	
8:41:10	shot 1			<LOD		0	NA	
8:43:36	shot 2			<LOD		0	NA	
8:46:26	shot 3			<LOD		0	NA	
8:49:39	shot 1			<LOD		0	NA	
8:52:27	shot 2			<LOD		0	NA	
8:55:29	shot 3			<LOD		0	NA	
8:58:35	shot 1			<LOD		0	NA	
9:01:05	shot 2			<LOD		0	NA	
9:03:23	shot 3			<LOD		0	NA	
9:05:56	shot 1			<LOD		0	NA	
9:08:23	shot 2			<LOD		0	NA	
9:11:13	shot 3			<LOD		0	NA	
9:13:44	shot 1			<LOD		0	NA	
9:17:44	shot 2			<LOD		0	NA	
9:20:34	shot 3			<LOD		0	NA	
9:22:54	shot 1			<LOD		0	NA	
9:25:11	shot 2			<LOD		0	NA	
9:27:21	shot 3			<LOD		0	NA	
10:47:52	shot 1			<LOD		0	NA	

10:50:03	shot 2	<LOD	0	NA
10:52:15	shot 3	<LOD	0	NA
11:00:54	shot 1	<LOD	0	NA
11:03:16				
11:04:29	shot 2	<LOD	0	NA
11:10:09	shot 3	<LOD	0	NA
11:12:45	shot 1	<LOD	0	NA
11:15:04	shot 2	<LOD	0	NA
11:17:19	shot 3	<LOD	0	NA
11:20:02	shot 1	<LOD	0	NA
11:22:35	shot 2	<LOD	0	NA
11:25:06	shot 3	<LOD	0	NA
11:27:29	shot 1	<LOD	0	NA
11:29:59	shot 2	<LOD	0	NA
11:32:24	shot 3	<LOD	0	NA
11:34:42	shot 1	<LOD	0	NA
11:36:52	shot 2	<LOD	0	NA
11:39:02	shot 3	<LOD	0	NA
11:41:15	shot 1	<LOD	0	NA
11:43:36	shot 2	<LOD	0	NA
11:45:44	shot 3	<LOD	0	NA
12:07:35	shot 1	<LOD	0	NA
12:09:46	shot 2	<LOD	0	NA
12:11:58	shot 3	<LOD	0	NA
12:14:16	shot 1	<LOD	0	NA
12:16:30	shot 2	<LOD	0	NA
12:19:32	shot 3	<LOD	0	NA
12:22:53	shot 1	<LOD	0	NA
12:25:13	shot 2	<LOD	0	NA
12:30:53	shot 3	<LOD	0	NA
12:35:15	shot 1	<LOD	0	NA
12:37:34	shot 2	<LOD	0	NA
12:39:48	shot 3	<LOD	0	NA
12:42:04	shot 1	<LOD	0	NA
12:44:17	shot 2	<LOD	0	NA
12:46:26	shot 3	<LOD	0	NA
12:48:39	shot 1	<LOD	0	NA
12:52:56	shot 2	<LOD	0	NA
12:55:20	shot 3	<LOD	0	NA
12:57:52	shot 1	<LOD	0	NA
13:00:25	shot 2	<LOD	0	NA
13:02:33	shot 3	<LOD	0	NA
16:51:32	shot 1	<LOD	0	NA
16:53:48				
16:55:14	shot 2	<LOD	0	NA
16:57:24	shot 3	<LOD	0	NA
16:59:30	shot 1	<LOD	0	NA
17:01:42	shot 2	<LOD	0	NA
17:03:52	shot 3	<LOD	0	NA
17:06:08	shot 1	<LOD	0	NA
17:08:23	shot 2	<LOD	0	NA

17:10:34	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3041	314	Pass	<LOD	99
	NA			2172	298	Pass	134	34
	NA			3213	386	Pass	<LOD	132
	NA			1887	437	Pass	<LOD	123
	NA			2726	443	Pass	164	42
	NA			2433	437	Pass	191	43
	NA			4524	362	Pass	112	34
	NA			4641	358	Pass	<LOD	99
	NA			4992	368	Pass	<LOD	98
	NA			4250	373	Pass	135	35
	NA			3818	370	Pass	<LOD	100
	NA			4112	356	Pass	118	33
	NA			4139	361	Pass	117	33
	NA			4593	357	Pass	171	34
	NA			3753	358	Pass	142	34
	NA			4283	299	Pass	<LOD	78
	NA			4281	298	Pass	<LOD	77
	NA			4656	309	Pass	118	30
	NA			3898	310	Pass	<LOD	86
	NA			4193	307	Pass	96	29
	NA			5089	317	Pass	<LOD	85
	NA			4527	310	Pass	135	30
	NA			4851	320	Pass	<LOD	86
	NA			4628	313	Pass	<LOD	83
	NA			3228	340	Pass	113	33
	NA			3351	344	Pass	<LOD	96
	NA			3422	342	Pass	<LOD	95
	NA			3481	352	Pass	147	35
	NA			3503	346	Pass	<LOD	97
	NA			3035	350	Pass	<LOD	101
	NA			3097	322	Pass	<LOD	92
	NA			2215	314	Pass	117	32
	NA			3045	328	Pass	<LOD	91
	NA			2726	332	Pass	138	33
	NA			2582	314	Pass	<LOD	90
	NA			2896	318	Pass	107	31
	NA			3732	302	Pass	90	30
	NA			4374	308	Pass	<LOD	85
	NA			3812	305	Pass	<LOD	87
	NA			3731	289	Pass	127	29
	NA			3617	289	Pass	<LOD	82
	NA			3976	300	Pass	<LOD	84
	NA			4188	308	Pass	<LOD	85
	NA			3993	316	Pass	138	32
	NA			3447	305	Pass	121	31
	NA			3401	278	Pass	<LOD	81
	NA			3481	275	Pass	89	27
	NA			3306	272	Pass	<LOD	81
	NA			3842	357	Pass	119	34

NA		3785	351	Pass	143	35
NA		3947	354	Pass	126	34
NA		4020	330	Pass	114	33
NA		4329	336	Pass	108	33
NA		3752	332	Pass	<LOD	98
NA		4097	349	Pass	<LOD	99
NA		3966	342	Pass	<LOD	100
NA		4109	357	Pass	197	37
NA		4376	332	Pass	<LOD	92
NA		4287	328	Pass	119	32
NA		4124	332	Pass	<LOD	94
NA		3577	398	Pass	112	37
NA		3411	387	Pass	148	38
NA		3914	382	Pass	139	37
NA		4555	317	Pass	<LOD	87
NA		5000	328	Pass	<LOD	89
NA		4498	303	Pass	<LOD	85
NA		2444	422	Pass	140	42
NA		2658	439	Pass	201	45
NA		3319	445	Pass	163	44
NA		3304	322	Pass	<LOD	85
NA		3667	324	Pass	110	31
NA		3551	332	Pass	111	31
NA		3157	372	Pass	<LOD	103
NA		3879	381	Pass	<LOD	102
NA		3469	362	Pass	<LOD	100
NA		3484	287	Pass	<LOD	79
NA		3583	284	Pass	84	27
NA		3942	294	Pass	89	28
NA		4797	313	Pass	132	31
NA		4527	304	Pass	<LOD	87
NA		4614	306	Pass	<LOD	79
NA		4174	356	Pass	<LOD	97
NA		4629	365	Pass	<LOD	95
NA		3633	357	Pass	151	34
NA	<LOD		5455		842	146
NA	<LOD		5397		708	146
NA	<LOD		5730		637	153
NA		4269	311	Pass	<LOD	88
NA		4192	308	Pass	<LOD	87
NA		3533	300	Pass	<LOD	86
NA		3457	270	Pass	<LOD	76
NA		3124	261	Pass	92	27
NA		3626	271	Pass	88	27
NA		4053	271	Pass	<LOD	70
NA		3544	271	Pass	<LOD	74
NA		3815	268	Pass	83	26
NA		3804	257	Pass	<LOD	71
NA		3758	263	Pass	<LOD	71

NA	3546	261	Pass	<LOD	75

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	477	31	Pass	32220	315	Pass	<LOD	166
Pass	512	32	Pass	24880	258	Pass	<LOD	150
	10092	156	Pass	39325	431	Pass	<LOD	207
	2561	64	Pass	13264	164	Pass	<LOD	118
Pass	2476	64	Pass	12976	164	Pass	<LOD	118
Pass	2508	64	Pass	13308	167	Pass	<LOD	121
Pass	831	36	Pass	18751	196	Pass	<LOD	128
	746	34	Pass	17821	189	Pass	<LOD	127
	913	37	Pass	18667	198	Pass	<LOD	129
Pass	832	36	Pass	17438	185	Pass	<LOD	124
	867	36	Pass	20081	207	Pass	<LOD	132
Pass	755	34	Pass	16937	179	Pass	<LOD	120
Pass	721	33	Pass	16491	176	Pass	<LOD	118
Pass	739	33	Pass	16996	177	Pass	<LOD	121
Pass	830	35	Pass	16543	176	Pass	<LOD	120
	641	30	Pass	12428	137	Pass	<LOD	101
	651	30	Pass	12137	134	Pass	<LOD	100
Pass	702	32	Pass	12957	144	Pass	<LOD	104
	622	30	Pass	13030	144	Pass	<LOD	105
Pass	714	31	Pass	12873	141	Pass	<LOD	103
	826	33	Pass	13826	150	Pass	<LOD	109
Pass	747	32	Pass	14329	153	Pass	<LOD	108
	757	33	Pass	15372	164	Pass	<LOD	112
	745	32	Pass	14876	159	Pass	<LOD	110
Pass	967	37	Pass	16211	175	Pass	<LOD	120
	926	37	Pass	16730	179	Pass	<LOD	119
	901	36	Pass	16215	173	Pass	<LOD	118
Pass	961	37	Pass	16585	177	Pass	<LOD	119
	848	35	Pass	15831	169	Pass	<LOD	116
	1008	38	Pass	16361	177	Pass	<LOD	122
	736	33	Pass	16061	170	Pass	<LOD	114
Pass	820	34	Pass	17610	181	Pass	<LOD	119
	1063	38	Pass	17871	187	Pass	<LOD	123
Pass	861	35	Pass	15526	167	Pass	<LOD	114
	835	34	Pass	16003	165	Pass	<LOD	112
Pass	846	34	Pass	15476	164	Pass	<LOD	115
Pass	940	35	Pass	18135	183	Pass	<LOD	120
	992	36	Pass	18019	183	Pass	<LOD	120
	1000	36	Pass	18165	185	Pass	<LOD	122
Pass	839	33	Pass	15507	161	Pass	<LOD	112
	792	32	Pass	15463	161	Pass	<LOD	111
	852	34	Pass	16515	172	Pass	<LOD	118
	781	33	Pass	16689	172	Pass	<LOD	118
Pass	845	35	Pass	17631	184	Pass	<LOD	123
Pass	786	33	Pass	16585	174	Pass	122	40
	721	31	Pass	14101	147	Pass	<LOD	105
Pass	689	30	Pass	14086	148	Pass	<LOD	106
	766	31	Pass	13838	145	Pass	<LOD	105
Pass	802	35	Pass	22629	225	Pass	<LOD	137

Pass	721	34	Pass	21643	219	Pass	<LOD	135
Pass	780	35	Pass	21907	220	Pass	<LOD	136
Pass	957	38	Pass	25204	248	Pass	<LOD	145
Pass	1041	39	Pass	25472	248	Pass	<LOD	146
	1031	39	Pass	26092	255	Pass	<LOD	147
	893	37	Pass	26154	256	Pass	<LOD	149
	937	38	Pass	25831	253	Pass	<LOD	149
Pass	818	36	Pass	26264	260	Pass	<LOD	150
	978	37	Pass	17789	186	Pass	<LOD	125
Pass	906	36	Pass	17912	187	Pass	<LOD	125
	955	37	Pass	18797	197	Pass	<LOD	127
Pass	842	37	Pass	24713	251	Pass	<LOD	149
Pass	792	36	Pass	23899	244	Pass	<LOD	145
Pass	754	35	Pass	23709	239	Pass	<LOD	144
	911	35	Pass	18599	189	Pass	<LOD	124
	960	36	Pass	19075	193	Pass	<LOD	126
	923	35	Pass	18207	185	Pass	<LOD	122
Pass	891	41	Pass	37117	365	Pass	<LOD	186
Pass	911	42	Pass	37578	375	Pass	<LOD	188
Pass	1012	43	Pass	38750	383	Pass	<LOD	190
	817	33	Pass	13494	143	Pass	<LOD	104
Pass	846	34	Pass	13777	148	Pass	<LOD	106
Pass	862	34	Pass	14003	150	Pass	<LOD	105
	1026	38	Pass	16559	175	Pass	<LOD	119
	1006	38	Pass	17559	185	Pass	<LOD	121
	892	36	Pass	16507	174	Pass	<LOD	118
	551	28	Pass	12980	138	Pass	<LOD	100
Pass	537	27	Pass	12857	137	Pass	<LOD	100
Pass	527	28	Pass	13005	141	Pass	<LOD	102
Pass	420	28	Pass	20280	206	Pass	<LOD	131
	407	27	Pass	20401	203	Pass	<LOD	128
	375	26	Pass	20253	205	Pass	<LOD	130
	756	33	Pass	14825	161	Pass	<LOD	113
	751	33	Pass	14473	158	Pass	<LOD	111
Pass	662	32	Pass	14010	154	Pass	<LOD	110
Pass	1357	78	Pass	25718	343	Pass	<LOD	193
Pass	1271	77	Pass	27745	368	Pass	<LOD	202
Pass	1462	82	Pass	26085	354	Pass	<LOD	197
	429	27	Pass	20521	206	Pass	<LOD	132
	468	28	Pass	21269	211	Pass	<LOD	130
	493	29	Pass	21599	216	Pass	<LOD	133
	871	33	Pass	12417	134	Pass	<LOD	98
Pass	810	32	Pass	11874	131	Pass	<LOD	98
Pass	793	32	Pass	12499	134	Pass	<LOD	98
	828	31	Pass	10738	118	Pass	<LOD	92
	835	32	Pass	10950	121	Pass	<LOD	92
Pass	855	32	Pass	10866	120	Pass	<LOD	92
	609	28	Pass	11238	123	Pass	<LOD	93
	651	29	Pass	11298	124	Pass	<LOD	92

652	29 Pass	11120	122 Pass	<LOD	94

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	66	11	Pass	32	7	Pass	95	5
	39	10	Pass	93	9	Pass	313	9
	<LOD	40		3027	45	Pass	7126	82
	48	10	Pass	40	8	Pass	327	10
	35	10	Pass	34	8	Pass	376	11
	34	10	Pass	45	8	Pass	311	10
	<LOD	28		45	7	Pass	965	16
	<LOD	28		25	7	Pass	890	16
	<LOD	29		24	7	Pass	936	16
	<LOD	27		<LOD	19		244	8
	<LOD	28		29	7	Pass	274	8
	<LOD	27		70	7	Pass	247	8
	33	9	Pass	26	7	Pass	223	7
	<LOD	27		34	7	Pass	240	7
	<LOD	27		34	7	Pass	219	7
	27	8	Pass	36	7	Pass	84	5
	<LOD	24		<LOD	18		88	5
	27	9	Pass	<LOD	18		94	5
	<LOD	26		38	7	Pass	435	10
	<LOD	25		28	6	Pass	436	10
	<LOD	26		35	7	Pass	451	10
	<LOD	25		<LOD	19		98	5
	<LOD	26		<LOD	19		112	5
	<LOD	26		25	6	Pass	103	5
	<LOD	27		28	7	Pass	590	12
	32	9	Pass	30	7	Pass	622	13
	<LOD	26		40	7	Pass	680	13
	36	9	Pass	52	7	Pass	657	13
	<LOD	26		29	7	Pass	574	12
	<LOD	26		38	7	Pass	599	12
	47	9	Pass	27	7	Pass	429	10
	<LOD	26		28	6	Pass	447	10
	<LOD	27		20	6	Pass	668	13
	<LOD	26		26	7	Pass	430	10
	26	9	Pass	20	6	Pass	456	10
	<LOD	26		<LOD	19		427	10
	<LOD	26		32	7	Pass	492	11
	29	9	Pass	20	6	Pass	496	11
	<LOD	26		35	7	Pass	481	11
	<LOD	25		<LOD	18		357	9
	<LOD	25		<LOD	18		354	9
	<LOD	26		<LOD	18		372	9
	<LOD	26		28	6	Pass	512	11
	<LOD	27		34	7	Pass	520	11
Pass	29	9	Pass	21	6	Pass	508	11
	<LOD	25		<LOD	18		237	7
	<LOD	23		<LOD	18		239	7
	<LOD	25		21	6	Pass	240	7
	<LOD	28		<LOD	20		942	16

	32	10	Pass		21	7	Pass	905	15
	49	10	Pass		38	7	Pass	877	15
<LOD		29			32	7	Pass	1271	19
<LOD		29			39	7	Pass	1339	19
	42	10	Pass		25	7	Pass	1327	20
	41	10	Pass		49	7	Pass	1520	21
	41	10	Pass		39	7	Pass	1508	21
<LOD		30			47	7	Pass	1512	22
<LOD		28			40	7	Pass	1074	17
<LOD		28			39	7	Pass	1021	17
<LOD		28			33	7	Pass	1032	17
	35	10	Pass		29	7	Pass	1111	18
	49	10	Pass		29	7	Pass	1103	18
	37	10	Pass		50	7	Pass	1075	17
	33	9	Pass		33	7	Pass	934	15
<LOD		27		<LOD		19		926	15
<LOD		27			22	6	Pass	881	15
	39	12	Pass		63	8	Pass	2666	33
	77	13	Pass		67	9	Pass	2680	34
	62	12	Pass		66	9	Pass	2696	34
<LOD		25			25	6	Pass	131	5
<LOD		25		<LOD		18		139	6
	29	8	Pass		29	6	Pass	142	6
	30	9	Pass		38	7	Pass	425	10
	35	9	Pass		37	7	Pass	416	10
	42	9	Pass		36	7	Pass	407	10
<LOD		24			22	6	Pass	77	4
<LOD		24			18	6	Pass	81	4
<LOD		24		<LOD		18		80	5
<LOD		28			24	7	Pass	108	5
<LOD		27			24	6	Pass	101	5
	39	10	Pass	<LOD		18		97	5
	30	9	Pass		24	7	Pass	269	8
	33	9	Pass		33	7	Pass	285	8
	32	9	Pass		19	6	Pass	274	8
	73	15	Pass	<LOD		30		298	12
	61	15	Pass		38	11	Pass	316	12
	56	15	Pass		39	11	Pass	290	12
<LOD		27		<LOD		18		105	5
	32	9	Pass		24	6	Pass	118	5
<LOD		26		<LOD		18		111	5
	29	8	Pass		21	6	Pass	55	4
<LOD		24		<LOD		17		63	4
	36	8	Pass	<LOD		17		66	4
<LOD		22		<LOD		17		79	4
<LOD		23		<LOD		17		74	4
<LOD		23		<LOD		17		74	4
<LOD		22		<LOD		17		80	4
<LOD		23		<LOD		17		76	4

<LOD	22	<LOD	17	79	4

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	11	2	Pass	<LOD	3		86	2
Pass	105	9	Pass	<LOD	5		111	3
Pass	703	24	Pass	<LOD	11		133	4
Pass	19	6	Pass	<LOD	4		42	2
Pass	<LOD	18		<LOD	4		44	2
Pass	<LOD	18		<LOD	4		43	2
Pass	<LOD	27		<LOD	5		66	2
Pass	<LOD	26		<LOD	5		67	2
Pass	58	9	Pass	<LOD	5		71	2
Pass	<LOD	16		<LOD	4		65	2
Pass	<LOD	15		<LOD	4		59	2
Pass	<LOD	14		<LOD	4		57	2
Pass	<LOD	14		<LOD	4		63	2
Pass	<LOD	13		<LOD	4		62	2
Pass	16	5	Pass	<LOD	4		63	2
Pass	<LOD	10		<LOD	3		61	2
Pass	<LOD	10		<LOD	3		61	2
Pass	<LOD	10		<LOD	3		64	2
Pass	<LOD	11		<LOD	3		63	2
Pass	<LOD	11		<LOD	3		61	2
Pass	<LOD	12		<LOD	3		61	2
Pass	<LOD	10		<LOD	3		65	2
Pass	<LOD	10		<LOD	3		69	2
Pass	<LOD	10		<LOD	3		67	2
Pass	<LOD	18		<LOD	4		54	2
Pass	22	6	Pass	<LOD	4		53	2
Pass	<LOD	18		<LOD	4		58	2
Pass	<LOD	18		<LOD	4		61	2
Pass	<LOD	17		<LOD	4		54	2
Pass	<LOD	18		<LOD	4		51	2
Pass	<LOD	13		<LOD	3		44	2
Pass	14	4	Pass	<LOD	3		42	2
Pass	<LOD	14		<LOD	4		48	2
Pass	<LOD	13		<LOD	3		49	2
Pass	14	4	Pass	<LOD	3		50	2
Pass	<LOD	13		<LOD	3		48	2
Pass	12	3	Pass	<LOD	3		70	2
Pass	13	3	Pass	<LOD	3		67	2
Pass	<LOD	10		4	1	Pass	66	2
Pass	<LOD	10		<LOD	3		63	2
Pass	<LOD	10		<LOD	3		60	2
Pass	<LOD	10		<LOD	3		68	2
Pass	<LOD	10		<LOD	3		63	2
Pass	<LOD	10		<LOD	3		69	2
Pass	<LOD	10		<LOD	3		63	2
Pass	<LOD	8		<LOD	3		59	2
Pass	<LOD	8		<LOD	3		60	2
Pass	9	3	Pass	<LOD	3		64	2
Pass	15	4	Pass	<LOD	3		68	2

Pass		18	4	Pass	<LOD	3	62	2
Pass	<LOD		12		<LOD	3	60	2
Pass	<LOD		12		<LOD	3	70	2
Pass	<LOD		12		<LOD	3	70	2
Pass		17	4	Pass	<LOD	3	77	2
Pass		61	5	Pass	<LOD	4	69	2
Pass		47	5	Pass	<LOD	4	68	2
Pass		63	5	Pass	<LOD	4	64	2
Pass		11	4	Pass	<LOD	3	61	2
Pass	<LOD		11		<LOD	3	61	2
Pass	<LOD		11		<LOD	3	59	2
Pass		19	5	Pass	<LOD	4	63	2
Pass	<LOD		15		<LOD	4	64	2
Pass		26	5	Pass	<LOD	4	68	2
Pass	<LOD		11		<LOD	3	68	2
Pass	<LOD		10		<LOD	3	66	2
Pass	<LOD		10		<LOD	3	68	2
Pass		19	5	Pass	<LOD	4	63	2
Pass		32	5	Pass	<LOD	4	63	2
Pass		23	5	Pass	<LOD	4	61	2
Pass	<LOD		8		<LOD	3	57	2
Pass		10	3	Pass	<LOD	3	58	2
Pass	<LOD		8		<LOD	3	61	2
Pass	<LOD		9		<LOD	3	55	2
Pass		11	3	Pass	<LOD	3	56	2
Pass		9	3	Pass	<LOD	3	58	2
Pass	<LOD		7		<LOD	3	57	2
Pass	<LOD		7		<LOD	3	59	2
Pass	<LOD		7		<LOD	3	55	2
Pass	<LOD		7		<LOD	3	73	2
Pass	<LOD		7		<LOD	3	72	2
Pass	<LOD		7		<LOD	3	71	2
Pass	<LOD		9		<LOD	3	59	2
Pass	<LOD		9		<LOD	3	57	2
Pass	<LOD		9		<LOD	3	60	2
Pass		43	9	Pass	<LOD	6	38	3
Pass		71	9	Pass	<LOD	7	43	3
Pass		66	9	Pass	<LOD	7	37	3
Pass		11	2	Pass	<LOD	3	70	2
Pass		11	2	Pass	<LOD	3	71	2
Pass	<LOD		7		<LOD	3	70	2
Pass	<LOD		8		<LOD	3	60	2
Pass	<LOD		8		<LOD	3	57	2
Pass	<LOD		8		<LOD	3	61	2
Pass	<LOD		9		<LOD	3	61	2
Pass	<LOD		9		<LOD	3	61	2
Pass	<LOD		9		<LOD	3	58	2
Pass	<LOD		8		<LOD	3	60	2
Pass	<LOD		8		<LOD	3	64	2

Pass	<LOD	8	<LOD	3	58	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	225	4	Pass	78	3	Pass	9	2
Pass	246	4	Pass	263	5	Pass	<LOD	8
Pass	346	6	Pass	47	4	Pass	19	3
Pass	480	7	Pass	251	5	Pass	<LOD	8
Pass	501	7	Pass	253	5	Pass	<LOD	8
Pass	468	7	Pass	241	5	Pass	13	3
Pass	103	3	Pass	466	6	Pass	<LOD	8
Pass	105	3	Pass	527	7	Pass	<LOD	8
Pass	104	3	Pass	459	6	Pass	<LOD	8
Pass	102	3	Pass	404	6	Pass	9	3
Pass	100	2	Pass	388	5	Pass	<LOD	8
Pass	99	2	Pass	390	5	Pass	8	3
Pass	107	3	Pass	494	6	Pass	10	3
Pass	105	2	Pass	504	6	Pass	8	3
Pass	108	3	Pass	503	6	Pass	<LOD	8
Pass	77	2	Pass	589	7	Pass	9	3
Pass	74	2	Pass	575	7	Pass	11	3
Pass	79	2	Pass	593	7	Pass	9	3
Pass	83	2	Pass	551	7	Pass	15	3
Pass	75	2	Pass	534	6	Pass	<LOD	8
Pass	78	2	Pass	516	6	Pass	<LOD	8
Pass	88	2	Pass	510	6	Pass	<LOD	8
Pass	90	2	Pass	543	7	Pass	11	3
Pass	88	2	Pass	522	6	Pass	<LOD	8
Pass	108	3	Pass	350	5	Pass	9	3
Pass	107	3	Pass	361	5	Pass	<LOD	8
Pass	106	3	Pass	359	5	Pass	10	3
Pass	111	3	Pass	360	5	Pass	8	3
Pass	122	3	Pass	350	5	Pass	8	3
Pass	107	3	Pass	355	5	Pass	<LOD	8
Pass	73	2	Pass	237	4	Pass	7	2
Pass	73	2	Pass	226	4	Pass	<LOD	7
Pass	76	2	Pass	231	4	Pass	9	2
Pass	86	2	Pass	245	4	Pass	10	2
Pass	89	2	Pass	255	4	Pass	<LOD	7
Pass	80	2	Pass	249	4	Pass	<LOD	7
Pass	104	2	Pass	428	6	Pass	8	2
Pass	100	2	Pass	403	5	Pass	8	2
Pass	103	2	Pass	403	5	Pass	<LOD	7
Pass	75	2	Pass	419	5	Pass	12	2
Pass	74	2	Pass	419	5	Pass	8	2
Pass	77	2	Pass	444	6	Pass	11	3
Pass	94	2	Pass	404	5	Pass	<LOD	7
Pass	100	2	Pass	414	6	Pass	9	3
Pass	94	2	Pass	408	6	Pass	11	3
Pass	74	2	Pass	408	5	Pass	<LOD	7
Pass	71	2	Pass	405	5	Pass	9	2
Pass	86	2	Pass	414	5	Pass	<LOD	7
Pass	95	2	Pass	421	6	Pass	13	3

Pass	94	2	Pass	428	6	Pass	12	3
Pass	91	2	Pass	421	6	Pass	9	3
Pass	75	2	Pass	371	5	Pass	<LOD	8
Pass	77	2	Pass	389	5	Pass	8	3
Pass	76	2	Pass	394	6	Pass	<LOD	8
Pass	83	2	Pass	380	5	Pass	8	3
Pass	82	2	Pass	382	5	Pass	<LOD	8
Pass	86	2	Pass	380	5	Pass	8	3
Pass	121	3	Pass	491	6	Pass	11	3
Pass	118	3	Pass	469	6	Pass	<LOD	8
Pass	124	3	Pass	468	6	Pass	<LOD	8
Pass	111	3	Pass	346	5	Pass	9	3
Pass	103	3	Pass	358	5	Pass	<LOD	8
Pass	105	3	Pass	371	5	Pass	10	3
Pass	81	2	Pass	480	6	Pass	9	3
Pass	78	2	Pass	456	6	Pass	9	3
Pass	76	2	Pass	459	6	Pass	<LOD	7
Pass	102	3	Pass	221	5	Pass	<LOD	8
Pass	115	3	Pass	235	5	Pass	<LOD	8
Pass	116	3	Pass	199	4	Pass	<LOD	8
Pass	107	2	Pass	464	6	Pass	<LOD	7
Pass	107	2	Pass	460	6	Pass	<LOD	7
Pass	111	2	Pass	459	6	Pass	9	3
Pass	130	3	Pass	418	6	Pass	<LOD	8
Pass	132	3	Pass	424	6	Pass	9	3
Pass	123	3	Pass	408	6	Pass	10	3
Pass	86	2	Pass	479	6	Pass	13	2
Pass	87	2	Pass	484	6	Pass	8	2
Pass	86	2	Pass	483	6	Pass	12	3
Pass	79	2	Pass	550	7	Pass	<LOD	8
Pass	77	2	Pass	556	7	Pass	<LOD	8
Pass	76	2	Pass	540	7	Pass	8	3
Pass	129	3	Pass	530	7	Pass	<LOD	8
Pass	131	3	Pass	500	6	Pass	<LOD	8
Pass	134	3	Pass	512	6	Pass	9	3
Pass	1161	16	Pass	266	7	Pass	<LOD	10
Pass	1189	16	Pass	270	7	Pass	<LOD	10
Pass	1255	17	Pass	264	7	Pass	<LOD	11
Pass	83	2	Pass	434	6	Pass	11	3
Pass	78	2	Pass	385	5	Pass	8	2
Pass	83	2	Pass	382	5	Pass	<LOD	7
Pass	66	2	Pass	444	6	Pass	<LOD	7
Pass	59	2	Pass	421	5	Pass	<LOD	7
Pass	66	2	Pass	434	5	Pass	<LOD	7
Pass	83	2	Pass	472	6	Pass	<LOD	7
Pass	80	2	Pass	478	6	Pass	<LOD	7
Pass	81	2	Pass	493	6	Pass	10	2
Pass	78	2	Pass	444	5	Pass	14	2
Pass	80	2	Pass	444	6	Pass	17	2

Pass	79	2	Pass	444	6	Pass	14	2

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass	<LOD		29	<LOD		35	<LOD	56
	<LOD		30		65	13 Pass	<LOD	62
Pass		39	11 Pass		47	14 Pass	<LOD	68
	<LOD		32	<LOD		39	<LOD	65
	<LOD		32	<LOD		40	<LOD	66
Pass	<LOD		32	<LOD		40	<LOD	66
	<LOD		29	<LOD		36	<LOD	60
	<LOD		29	<LOD		36	<LOD	60
	<LOD		29	<LOD		36	<LOD	60
Pass	<LOD		29	<LOD		36	<LOD	59
	<LOD		29	<LOD		35	<LOD	58
Pass	<LOD		29	<LOD		36	<LOD	59
Pass	<LOD		29	<LOD		36	<LOD	59
Pass	<LOD		28	<LOD		35	<LOD	58
	<LOD		29	<LOD		36	<LOD	59
Pass	<LOD		28	<LOD		35	<LOD	57
Pass	<LOD		28	<LOD		34	<LOD	56
Pass	<LOD		29	<LOD		35	<LOD	58
Pass	<LOD		28	<LOD		35	<LOD	59
	<LOD		28	<LOD		35	<LOD	57
	<LOD		28	<LOD		35	<LOD	58
	<LOD		28	<LOD		35	<LOD	57
Pass	<LOD		28	<LOD		35	<LOD	58
	<LOD		28	<LOD		35	<LOD	57
Pass	<LOD		29	<LOD		36	<LOD	58
	<LOD		29	<LOD		35	<LOD	58
Pass	<LOD		29	<LOD		36	<LOD	58
Pass	<LOD		29	<LOD		36	<LOD	59
Pass	<LOD		28	<LOD		35	<LOD	58
	<LOD		29	<LOD		36	<LOD	60
Pass	<LOD		28	<LOD		35	<LOD	58
	<LOD		28	<LOD		35	<LOD	57
Pass	<LOD		29	<LOD		35	<LOD	59
Pass	<LOD		29	<LOD		35	<LOD	58
	<LOD		28	<LOD		34	<LOD	56
	<LOD		28	<LOD		35	<LOD	57
Pass	<LOD		28	<LOD		34	<LOD	56
Pass	<LOD		28	<LOD		34	<LOD	56
	<LOD		28	<LOD		34	<LOD	56
Pass	<LOD		28	<LOD		34	<LOD	55
Pass	<LOD		28	<LOD		34	<LOD	55
Pass	<LOD		28	<LOD		34	<LOD	56
	<LOD		28	<LOD		34	<LOD	57
Pass	<LOD		29	<LOD		35	<LOD	58
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Pass	<LOD		27	<LOD		33	<LOD	55
	<LOD		27	<LOD		33	<LOD	55
Pass	<LOD		28	<LOD		35	<LOD	57

Pass	<LOD	29	<LOD		36		<LOD	59			
Pass	<LOD	29	<LOD		35		<LOD	58			
	<LOD	28	<LOD		35		<LOD	57			
Pass	<LOD	28	<LOD		35		<LOD	57			
	<LOD	29	<LOD		35		<LOD	57			
Pass	<LOD	29	<LOD		35		<LOD	59			
	<LOD	28		36	12	Pass	<LOD	58			
Pass	<LOD	29	<LOD		36		<LOD	60			
Pass	<LOD	29	<LOD		36		<LOD	58			
	<LOD	29	<LOD		35		<LOD	58			
	<LOD	29	<LOD		36		<LOD	60			
Pass	<LOD	30	<LOD		37		<LOD	61			
	<LOD	29	<LOD		36		<LOD	60			
Pass	<LOD	29	<LOD		36		<LOD	60			
Pass	<LOD	28	<LOD		35		<LOD	58			
Pass	<LOD	28	<LOD		35		<LOD	57			
	<LOD	28	<LOD		34		<LOD	56			
	<LOD	30	<LOD		37		<LOD	62			
	<LOD	31	<LOD		38		<LOD	63			
	<LOD	30	<LOD		38		<LOD	63			
	<LOD	27	<LOD		34		<LOD	55			
	<LOD	28	<LOD		34		<LOD	56			
Pass	<LOD	28	<LOD		34		<LOD	56			
	<LOD	29	<LOD		35		<LOD	58			
Pass	<LOD	29	<LOD		36		<LOD	59			
Pass	<LOD	28	<LOD		35		<LOD	58			
Pass	<LOD	27	<LOD		33		<LOD	54			
Pass	<LOD	27	<LOD		33		<LOD	54			
Pass	<LOD	27	<LOD		34		<LOD	55			
	<LOD	29	<LOD		35		<LOD	59			
	<LOD	28		35	12	Pass	<LOD	57			
Pass	<LOD	28	<LOD		35		<LOD	58			
	<LOD	29	<LOD		36		<LOD	59			
	<LOD	29	<LOD		35		<LOD	59			
Pass	<LOD	29	<LOD		36		<LOD	59			
	<LOD	39	<LOD		47			107	26		
	<LOD	40	<LOD		47		<LOD	80			
	<LOD	40	<LOD		48			123	27		
Pass	<LOD	28	<LOD		35		<LOD	58			
Pass	<LOD	28	<LOD		35		<LOD	57			
	<LOD	28	<LOD		35		<LOD	57			
	<LOD	27	<LOD		34		<LOD	56			
	<LOD	27	<LOD		34		<LOD	56			
	<LOD	27	<LOD		34		<LOD	56			
	<LOD	27	<LOD		33		<LOD	53			
	<LOD	27	<LOD		33		<LOD	54			
Pass	<LOD	27	<LOD		33		<LOD	54			
Pass	<LOD	27	<LOD		32		<LOD	50			
Pass	<LOD	27	<LOD		32		<LOD	52			

Pass	<LOD	27	<LOD	32	<LOD	51

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	58		NA			1283	199
	<LOD	65		NA			1180	194
	<LOD	71		NA			1009	243
	<LOD	68		NA			7255	326
	<LOD	70		NA			6639	322
	<LOD	69		NA			6563	320
	<LOD	63		NA			2908	233
	<LOD	63		NA			2632	228
	<LOD	63		NA			2603	231
	<LOD	62		NA			3792	248
	<LOD	61		NA			3950	249
	<LOD	61		NA			3311	234
	<LOD	62		NA			3469	238
	<LOD	61		NA			3170	232
	<LOD	62		NA			3599	240
	<LOD	59		NA			1117	179
	<LOD	59		NA			1158	179
	<LOD	61		NA			1019	183
	<LOD	62		NA			1693	194
	<LOD	60		NA			1476	188
	<LOD	61		NA			1056	185
	<LOD	60		NA			1274	187
	<LOD	61		NA			1284	191
	<LOD	61		NA			1245	187
	<LOD	62		NA			3102	228
	<LOD	60		NA			3226	231
	<LOD	61		NA			3142	228
	<LOD	62		NA			3514	238
	<LOD	61		NA			3397	232
	<LOD	63		NA			3595	240
	<LOD	61		NA			2700	215
	<LOD	60		NA			3114	218
	<LOD	62		NA			2828	220
	<LOD	61		NA			3328	228
	<LOD	58		NA			3074	215
	<LOD	60		NA			2762	214
	<LOD	59		NA			1489	188
	<LOD	59		NA			1189	185
	<LOD	59		NA			1472	190
	<LOD	58		NA			1052	176
	<LOD	57		NA			1215	178
	<LOD	58		NA			1148	182
	<LOD	59		NA			1438	189
	<LOD	61		NA			1539	196
	<LOD	60		NA			1651	194
	<LOD	57		NA			1179	172
	<LOD	57		NA			910	168
	<LOD	57		NA			955	167
	<LOD	60		NA			3484	238

	<LOD	62	NA	3010	231
	<LOD	61	NA	3136	233
	<LOD	60	NA	1787	208
	<LOD	60	NA	1932	210
	<LOD	60	NA	2061	213
	<LOD	62	NA	2504	224
	<LOD	61	NA	2332	220
	<LOD	63	NA	2659	231
	<LOD	62	NA	1911	207
	<LOD	62	NA	1777	204
	<LOD	62	NA	1847	208
	<LOD	64	NA	4985	275
	<LOD	63	NA	4576	267
	<LOD	63	NA	4239	259
	<LOD	61	NA	1318	192
	<LOD	60	NA	1490	197
	<LOD	59	NA	855	179
	<LOD	65	NA	6044	304
	<LOD	67	NA	6426	317
	<LOD	66	NA	6314	316
	<LOD	58	NA	3234	216
	<LOD	58	NA	2697	212
	<LOD	59	NA	3135	221
	<LOD	61	NA	4986	261
	<LOD	61	NA	4702	261
	<LOD	61	NA	4261	248
	<LOD	56	NA	1550	180
	<LOD	56	NA	1372	177
	<LOD	57	NA	1249	179
	<LOD	62	NA	676	181
	<LOD	60	NA	747	178
	<LOD	61	NA	620	177
	<LOD	62	NA	3334	234
	<LOD	61	NA	3536	239
	<LOD	62	NA	3842	242
Pass	<LOD	81	NA	127019	2019
	<LOD	83	NA	128955	2046
Pass	<LOD	84	NA	139858	2208
	<LOD	61	NA	1160	188
	<LOD	59	NA	1130	186
	<LOD	59	NA	1192	186
	<LOD	59	NA	791	163
	<LOD	59	NA	643	158
	<LOD	60	NA	737	163
	<LOD	56	NA	635	158
	<LOD	57	NA	895	164
	<LOD	57	NA	631	158
	<LOD	52	NA	<LOD	442
	<LOD	53	NA	<LOD	459

<LOD	53	NA		527	154

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	10		<LOD	9		21	3
Pass	<LOD	19		<LOD	22		1147	17
Pass	51	15	Pass	<LOD	50		5806	66
Pass	<LOD	15		<LOD	16		511	11
Pass	<LOD	16		<LOD	16		474	11
Pass	<LOD	15		<LOD	17		487	11
Pass	<LOD	19		<LOD	22		1292	18
Pass	<LOD	18		<LOD	21		1183	17
Pass	<LOD	19		23	7	Pass	1238	18
Pass	<LOD	13		18	5	Pass	446	9
Pass	<LOD	14		<LOD	14		401	9
Pass	<LOD	12		<LOD	13		351	8
Pass	<LOD	13		<LOD	13		301	8
Pass	<LOD	12		<LOD	12		308	8
Pass	<LOD	13		<LOD	13		301	8
Pass	<LOD	11		<LOD	10		146	5
Pass	<LOD	10		<LOD	10		154	5
Pass	<LOD	11		<LOD	11		160	6
Pass	<LOD	11		<LOD	11		220	6
Pass	<LOD	12		<LOD	11		222	6
Pass	<LOD	12		<LOD	11		230	7
Pass	<LOD	10		<LOD	10		148	5
Pass	<LOD	11		<LOD	11		172	6
Pass	<LOD	11		<LOD	11		167	6
Pass	<LOD	14		<LOD	15		537	10
Pass	<LOD	14		<LOD	15		518	10
Pass	<LOD	14		<LOD	15		545	10
Pass	<LOD	15		<LOD	15		541	10
Pass	<LOD	14		18	5	Pass	510	10
Pass	<LOD	14		<LOD	15		534	10
Pass	<LOD	12		<LOD	12		284	7
Pass	<LOD	12		13	4	Pass	263	7
Pass	<LOD	13		15	4	Pass	310	8
Pass	<LOD	12		<LOD	12		296	8
Pass	<LOD	11		<LOD	12		306	7
Pass	<LOD	12		<LOD	12		289	7
Pass	<LOD	11		<LOD	10		130	5
Pass	<LOD	11		<LOD	10		136	5
Pass	<LOD	11		<LOD	10		137	5
Pass	<LOD	11		<LOD	10		161	6
Pass	<LOD	10		<LOD	10		159	5
Pass	<LOD	10		<LOD	10		169	6
Pass	<LOD	11		<LOD	10		161	6
Pass	<LOD	11		<LOD	10		149	6
Pass	<LOD	11		<LOD	10		148	5
Pass	<LOD	10		<LOD	9		102	5
Pass	<LOD	10		<LOD	9		109	5
Pass	<LOD	10		<LOD	9		99	4
Pass	<LOD	13		<LOD	12		241	7

Pass	<LOD	12	<LOD	12			229	7
Pass	<LOD	12	<LOD	12			238	7
Pass	<LOD	13	<LOD	12			233	7
Pass	<LOD	13	<LOD	12			250	7
Pass	<LOD	13	<LOD	12			242	7
Pass	<LOD	13	<LOD	12			271	7
Pass	<LOD	13	<LOD	12			254	7
Pass	<LOD	13	<LOD	12			246	7
Pass	<LOD	13	<LOD	11			190	6
Pass	<LOD	12	<LOD	11			198	6
Pass	<LOD	13	<LOD	11			185	6
Pass	<LOD	14	15	5	Pass		361	9
Pass	<LOD	13	18	5	Pass		347	8
Pass	<LOD	13	<LOD	13			346	8
Pass	<LOD	11	<LOD	11			179	6
Pass	<LOD	12	<LOD	11			166	6
Pass	<LOD	11	<LOD	11			172	6
Pass	<LOD	15	<LOD	13			307	8
Pass	<LOD	15	<LOD	13			324	8
Pass	<LOD	16	<LOD	14			321	8
Pass	<LOD	10	<LOD	9			102	5
Pass	<LOD	10	<LOD	9			93	4
Pass	<LOD	10	<LOD	9			106	5
Pass	<LOD	11	<LOD	10			103	5
Pass	<LOD	11	<LOD	10			94	5
Pass	<LOD	10	<LOD	9			96	5
Pass	<LOD	10	<LOD	9			64	4
Pass	<LOD	10	<LOD	8			64	4
Pass	<LOD	9	<LOD	9			56	4
Pass	<LOD	10	<LOD	8			51	4
Pass	<LOD	9	<LOD	9			50	4
Pass	<LOD	10	<LOD	9			52	4
Pass	<LOD	11	<LOD	10			111	5
Pass	<LOD	11	<LOD	10			115	5
Pass	<LOD	11	<LOD	10			115	5
Pass	<LOD	23	<LOD	23			657	16
Pass	<LOD	23	<LOD	22			642	16
Pass	<LOD	22	<LOD	24			640	16
Pass	<LOD	10	<LOD	8			48	4
Pass	<LOD	9	<LOD	8			53	4
Pass	<LOD	10	<LOD	8			55	4
Pass	<LOD	10	<LOD	8			89	4
Pass	<LOD	10	<LOD	8			84	4
Pass	<LOD	9	<LOD	8			82	4
Pass	<LOD	10	<LOD	10			140	5
Pass	<LOD	10	<LOD	10			139	5
Pass	<LOD	10	<LOD	10			152	5
	<LOD	9	<LOD	9			109	5
	<LOD	9	<LOD	9			114	5

Pass	<LOD	10	<LOD	9	101	4

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019812				221		46.9	
Pass							57.17	testing
Pass							54.3	testing
Pass							56.21	testing
Pass							57.04	testing
Pass							56.05	testing
Pass							56.2	testing
Pass							53.78	testing
Pass							53.56	testing
Pass							53.91	testing
Pass							53.05	testing
Pass							53.34	testing
Pass							53.07	testing
Pass							52.65	testing
Pass							51.96	testing
Pass							52.55	testing
Pass							52.18	testing
Pass							52.36	testing
Pass							52.12	testing
Pass							51.77	testing
Pass							52.17	testing
Pass							51.97	testing
Pass							51.95	testing
Pass							52.15	testing
Pass							51.81	testing
Pass							53.15	testing
Pass							54.09	testing
Pass							54.18	testing
Pass							52.49	testing
Pass							54.04	testing
Pass							53.06	testing
Pass							52.82	testing
Pass							52.33	testing
Pass							52.95	testing
Pass							53.33	testing
Pass							53.26	testing
Pass							53.1	testing
Pass							52.32	testing
Pass							52.73	testing
Pass							53.83	testing
Pass							52.47	testing
Pass							53.48	testing
Pass							53.06	testing
Pass							52.42	testing
Pass							52.98	testing
Pass							52.89	testing
Pass							53.14	testing
Pass							52.31	testing
Pass							51.52	testing
Pass							53.04	testing

Pass			53.04	testing
Pass			53.88	testing
Pass			53.62	testing
	0.019813	224	47.01	
Pass			52.97	testing
Pass			53	testing
Pass			52.13	testing
Pass			52.73	testing
Pass			54	testing
Pass			52.46	testing
Pass			52.7	testing
Pass			53.15	testing
Pass			53.01	testing
Pass			53.28	testing
Pass			53.73	testing
Pass			52.09	testing
Pass			53.28	testing
Pass			52.03	testing
Pass			53.39	testing
Pass			53.74	testing
Pass			53.57	testing
Pass			51.91	testing
Pass			52.4	testing
Pass			52.49	testing
Pass			52.9	testing
Pass			52.81	testing
Pass			52.89	testing
Pass			53.26	testing
Pass			52.36	testing
Pass			53.11	testing
Pass			52.3	testing
Pass			52.36	testing
Pass			52.57	testing
Pass			52.32	testing
Pass			52.37	testing
Pass			52.47	testing
Pass			58.82	testing
Pass			59.74	testing
Pass			59.11	testing
Pass			53.03	testing
Pass			53.46	testing
Pass			54.02	testing
Pass			51.61	testing
	0.019813	221	47.04	
Pass			52.57	testing
Pass			52.73	testing
Pass			52.77	testing
Pass			52.89	testing
Pass			53.5	testing
Pass			54.54	testing
Pass			54.44	testing

Pass 54.49 testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
14-Aug-08	1			-0.020279			PASS	Standardiz
14-Aug-08	2				NIST2711	medium		Soil
14-Aug-08	3				NIST2710	high		Soil
14-Aug-08	4				NIST2709	low		Soil
14-Aug-08	5				5004	F1		Soil
14-Aug-08	6				5004	F1		Soil
14-Aug-08	7				5004	F1		Soil
14-Aug-08	8				5004	F2		Soil
14-Aug-08	9				5004	F2		Soil
14-Aug-08	10				5004	F2		Soil
14-Aug-08	11				5004	B1		Soil
14-Aug-08	12				5004	B1		Soil
14-Aug-08	13				5004	B1		Soil
14-Aug-08	14				5004	B2		Soil
14-Aug-08	15				5004	B2		Soil
14-Aug-08	16				5004	B2		Soil
14-Aug-08	17				40045	F1		Soil
14-Aug-08	18				40045	F1		Soil
14-Aug-08	19				40045	F1		Soil
14-Aug-08	20				40045	F2		Soil
14-Aug-08	21				40045	F2		Soil
14-Aug-08	22				40045	F2		Soil
14-Aug-08	23				40045	B1		Soil
14-Aug-08	24				40045	B1		Soil
14-Aug-08	25				40045	B1		Soil
14-Aug-08	26				40045	B2		Soil
14-Aug-08	27				40045	B2		Soil
14-Aug-08	28				40045	B2		Soil
14-Aug-08	29				40045	DZ		Soil
14-Aug-08	30				40045	DZ		Soil
14-Aug-08	31				40045	DZ		Soil
14-Aug-08	32				40045	GZ		Soil
14-Aug-08	33				40045	GZ		Soil
14-Aug-08	34				40045	GZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
7:01:12								
7:02:40				<LOD		0	NA	
7:05:12				<LOD		0	NA	
7:07:40				<LOD		0	NA	
7:10:16	shot 1			<LOD		0	NA	
7:12:31	shot 2			<LOD		0	NA	
7:15:53	shot 3			<LOD		0	NA	
7:18:04	shot 1			<LOD		0	NA	
7:20:54	shot 2			<LOD		0	NA	
7:23:02	shot 3			<LOD		0	NA	
7:25:41	shot 1			<LOD		0	NA	
7:27:52	shot 2			<LOD		0	NA	
7:30:01	shot 3			<LOD		0	NA	
7:32:20	shot 1			<LOD		0	NA	
7:34:55	shot 2			<LOD		0	NA	
7:37:06	shot 3			<LOD		0	NA	
7:52:11	shot 1			<LOD		0	NA	
7:54:36	shot 2			<LOD		0	NA	
7:56:53	shot 3			<LOD		0	NA	
7:59:08	shot 1			<LOD		0	NA	
8:01:29	shot 2			<LOD		0	NA	
8:04:44	shot 3			<LOD		0	NA	
8:07:14	shot 1			<LOD		0	NA	
8:09:29	shot 2			<LOD		0	NA	
8:25:21	shot 3			<LOD		0	NA	
8:28:19	shot 1			<LOD		0	NA	
8:30:33	shot 2			<LOD		0	NA	
8:32:56	shot 3			<LOD		0	NA	
8:35:27	shot 1			<LOD		0	NA	
8:38:27	shot 2			<LOD		0	NA	
8:40:51	shot 3			<LOD		0	NA	
9:48:24	shot 1			<LOD		0	NA	
9:51:19	shot 2			<LOD		0	NA	
9:54:36	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			2728	302	Pass	<LOD	96
	NA			2564	368	Pass	<LOD	128
	NA			3096	315	Pass	142	35
	NA			3742	324	Pass	<LOD	91
	NA			3682	335	Pass	120	32
	NA			3056	325	Pass	100	32
	NA			3480	286	Pass	<LOD	81
	NA			4116	291	Pass	<LOD	82
	NA			4062	294	Pass	<LOD	82
	NA			3136	266	Pass	<LOD	76
	NA			3129	271	Pass	<LOD	79
	NA			2880	267	Pass	<LOD	79
	NA			3598	297	Pass	135	30
	NA			3264	293	Pass	<LOD	84
	NA			3757	300	Pass	<LOD	82
	NA			3861	280	Pass	110	28
	NA			3506	275	Pass	100	28
	NA			3693	278	Pass	<LOD	80
	NA			4330	291	Pass	<LOD	77
	NA			4410	292	Pass	<LOD	81
	NA			3963	287	Pass	98	28
	NA			2441	263	Pass	<LOD	78
	NA			3070	263	Pass	99	27
	NA			3220	259	Pass	<LOD	78
	NA			2603	241	Pass	<LOD	75
	NA			3193	254	Pass	91	26
	NA			3161	256	Pass	<LOD	76
	NA			3758	265	Pass	<LOD	73
	NA			3379	257	Pass	<LOD	73
	NA			3467	260	Pass	<LOD	71
	NA			3731	277	Pass	<LOD	81
	NA			3657	273	Pass	<LOD	79
	NA			3508	266	Pass	<LOD	79

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	461	31	Pass	24753	256	Pass	<LOD	151
	9907	153	Pass	38019	416	Pass	<LOD	203
Pass	447	31	Pass	32621	322	Pass	<LOD	170
	609	30	Pass	15635	164	Pass	<LOD	114
Pass	570	30	Pass	16265	172	Pass	<LOD	117
Pass	655	31	Pass	16045	170	Pass	<LOD	117
	635	30	Pass	14447	151	Pass	<LOD	108
	655	30	Pass	14521	152	Pass	<LOD	107
	657	30	Pass	14392	152	Pass	<LOD	107
	582	28	Pass	11946	129	Pass	<LOD	97
	606	28	Pass	12231	132	Pass	<LOD	97
	602	28	Pass	12027	128	Pass	<LOD	96
Pass	532	28	Pass	13983	148	Pass	<LOD	106
	627	29	Pass	14108	149	Pass	<LOD	106
	584	29	Pass	13991	149	Pass	<LOD	106
Pass	1019	36	Pass	14671	153	Pass	<LOD	107
Pass	945	35	Pass	14259	152	Pass	<LOD	107
	1014	36	Pass	14522	156	Pass	<LOD	108
	608	29	Pass	11420	128	Pass	<LOD	96
	630	29	Pass	11583	129	Pass	<LOD	97
Pass	633	30	Pass	11529	129	Pass	<LOD	99
	805	32	Pass	9961	116	Pass	<LOD	89
Pass	776	32	Pass	10193	119	Pass	<LOD	92
	785	32	Pass	10284	119	Pass	<LOD	91
	650	29	Pass	9980	113	Pass	<LOD	89
Pass	647	29	Pass	10580	118	Pass	<LOD	92
	710	30	Pass	10206	116	Pass	<LOD	90
	719	30	Pass	10871	120	Pass	<LOD	92
	680	29	Pass	10752	117	Pass	<LOD	88
	692	29	Pass	11012	120	Pass	<LOD	92
	469	27	Pass	14935	156	Pass	<LOD	109
	431	26	Pass	14416	150	Pass	<LOD	106
	482	27	Pass	14422	151	Pass	<LOD	107

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	31		89	8	Pass	320	9
	<LOD	40		2995	45	Pass	6982	80
	74	11	Pass	29	7	Pass	96	5
	<LOD	26		23	6	Pass	520	11
	<LOD	27		36	7	Pass	530	11
	<LOD	27		<LOD	19		486	11
	25	8	Pass	25	6	Pass	325	8
	29	9	Pass	22	6	Pass	320	8
	36	9	Pass	20	6	Pass	311	8
	<LOD	24		<LOD	18		245	7
	<LOD	23		<LOD	18		248	7
	<LOD	23		<LOD	17		245	7
	<LOD	25		21	6	Pass	308	8
	26	8	Pass	<LOD	18		304	8
	<LOD	25		20	6	Pass	307	8
	37	9	Pass	21	6	Pass	56	4
	30	9	Pass	<LOD	18		57	4
	31	9	Pass	37	7	Pass	57	4
	<LOD	24		20	6	Pass	77	5
	25	8	Pass	22	6	Pass	91	5
	<LOD	24		<LOD	18		80	5
	33	8	Pass	<LOD	18		57	4
	29	8	Pass	<LOD	18		50	4
	<LOD	24		30	6	Pass	58	4
	<LOD	23		18	6	Pass	37	3
	31	8	Pass	<LOD	18		49	4
	26	8	Pass	23	6	Pass	40	4
	<LOD	22		<LOD	17		378	9
	<LOD	22		<LOD	17		351	8
	<LOD	23		20	6	Pass	379	9
	<LOD	25		28	6	Pass	107	5
	<LOD	25		<LOD	18		105	5
	<LOD	25		35	6	Pass	111	5

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	102	9	Pass	<LOD	5		107	3
Pass	648	23	Pass	<LOD	10		125	3
Pass	12	2	Pass	<LOD	3		94	2
Pass	<LOD	10		<LOD	3		62	2
Pass	<LOD	11		<LOD	3		61	2
Pass	<LOD	10		<LOD	3		60	2
Pass	<LOD	9		<LOD	3		59	2
Pass	<LOD	8		<LOD	3		57	2
Pass	<LOD	8		<LOD	3		62	2
Pass	10	3	Pass	<LOD	3		49	2
Pass	<LOD	9		<LOD	3		48	2
Pass	<LOD	8		<LOD	3		50	2
Pass	<LOD	9		<LOD	3		57	2
Pass	<LOD	9		<LOD	3		57	2
Pass	10	3	Pass	<LOD	3		56	2
Pass	<LOD	7		<LOD	3		67	2
Pass	9	2	Pass	<LOD	3		68	2
Pass	<LOD	7		<LOD	3		66	2
Pass	<LOD	13		<LOD	3		59	2
Pass	<LOD	13		<LOD	3		62	2
Pass	<LOD	13		<LOD	3		61	2
Pass	<LOD	7		<LOD	3		53	2
Pass	<LOD	7		<LOD	3		56	2
Pass	<LOD	7		<LOD	3		53	2
Pass	<LOD	7		<LOD	3		51	2
Pass	<LOD	6		<LOD	3		53	2
Pass	<LOD	7		<LOD	3		53	2
Pass	<LOD	16		<LOD	3		51	2
Pass	<LOD	16		<LOD	3		49	2
Pass	<LOD	16		<LOD	3		52	2
Pass	<LOD	10		<LOD	3		65	2
Pass	<LOD	10		<LOD	3		62	2
Pass	<LOD	10		<LOD	3		60	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	244	4	Pass	254	5	Pass	<LOD	8
Pass	330	6	Pass	47	4	Pass	13	3
Pass	244	4	Pass	86	4	Pass	<LOD	7
Pass	103	2	Pass	430	6	Pass	<LOD	7
Pass	108	3	Pass	429	6	Pass	<LOD	8
Pass	100	2	Pass	426	6	Pass	<LOD	8
Pass	72	2	Pass	443	6	Pass	<LOD	7
Pass	74	2	Pass	439	6	Pass	<LOD	7
Pass	83	2	Pass	433	6	Pass	<LOD	7
Pass	73	2	Pass	369	5	Pass	9	2
Pass	69	2	Pass	368	5	Pass	<LOD	7
Pass	65	2	Pass	356	5	Pass	<LOD	7
Pass	85	2	Pass	392	5	Pass	<LOD	7
Pass	79	2	Pass	384	5	Pass	<LOD	7
Pass	83	2	Pass	382	5	Pass	12	2
Pass	61	2	Pass	470	6	Pass	<LOD	7
Pass	65	2	Pass	464	6	Pass	<LOD	7
Pass	61	2	Pass	444	6	Pass	9	3
Pass	92	2	Pass	546	6	Pass	<LOD	8
Pass	93	2	Pass	539	6	Pass	10	3
Pass	94	2	Pass	549	7	Pass	8	3
Pass	103	2	Pass	443	6	Pass	9	2
Pass	109	2	Pass	443	6	Pass	<LOD	7
Pass	101	2	Pass	416	5	Pass	<LOD	7
Pass	46	2	Pass	454	6	Pass	<LOD	7
Pass	51	2	Pass	437	5	Pass	<LOD	7
Pass	50	2	Pass	453	6	Pass	<LOD	7
Pass	94	2	Pass	352	5	Pass	11	2
Pass	101	2	Pass	389	5	Pass	10	2
Pass	99	2	Pass	351	5	Pass	8	2
Pass	85	2	Pass	405	5	Pass	9	2
Pass	84	2	Pass	405	5	Pass	<LOD	7
Pass	81	2	Pass	387	5	Pass	<LOD	7

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		<LOD	38		<LOD	62
Pass	<LOD	34		<LOD	41		<LOD	66
	<LOD	30		<LOD	36		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	59
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	27		<LOD	33		<LOD	53
	<LOD	27		<LOD	33		<LOD	53
	<LOD	27		<LOD	32		<LOD	53
	<LOD	28		<LOD	34		<LOD	56
	<LOD	27		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	34		<LOD	57
	<LOD	27		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	27		<LOD	34		<LOD	57
	<LOD	27		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	27		<LOD	32		<LOD	51
Pass	<LOD	26		<LOD	32		<LOD	51
Pass	<LOD	26		<LOD	32		<LOD	51
Pass	<LOD	27		<LOD	34		<LOD	55
	<LOD	27		<LOD	33		<LOD	55
	<LOD	27		<LOD	34		<LOD	55

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	65		NA			984	191
	<LOD	69		NA			1001	237
	<LOD	61		NA			1070	198
	<LOD	61		NA			2483	210
	<LOD	62		NA			2809	220
	<LOD	62		NA			2855	218
	<LOD	59		NA			1288	178
	<LOD	60		NA			968	174
	<LOD	60		NA			1136	178
	<LOD	56		NA			1028	165
	<LOD	56		NA			1189	169
	<LOD	55		NA			1365	170
	<LOD	59		NA			1686	188
	<LOD	59		NA			1801	188
	<LOD	60		NA			1633	188
	<LOD	60		NA			756	167
	<LOD	60		NA			650	165
	<LOD	61		NA			507	164
	<LOD	60		NA			832	171
	<LOD	60		NA			794	171
	<LOD	60		NA			871	171
	<LOD	61		NA			1167	168
	<LOD	62		NA			613	159
	<LOD	61		NA			<LOD	460
	<LOD	60		NA			442	147
	<LOD	60		NA			515	152
	<LOD	61		NA			497	153
	<LOD	54		NA			578	156
	<LOD	53		NA			707	155
	<LOD	53		NA			677	155
	<LOD	58		NA			669	165
	<LOD	57		NA			672	163
	<LOD	58		NA			<LOD	472

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	19		<LOD	21		1145	17
Pass	71	15	Pass	<LOD	49		5622	64
Pass	<LOD	10		<LOD	8		22	3
Pass	<LOD	11		<LOD	11		171	6
Pass	<LOD	12		<LOD	11		182	6
Pass	<LOD	11		<LOD	11		175	6
Pass	<LOD	11		<LOD	9		116	5
Pass	<LOD	10		<LOD	9		99	5
Pass	<LOD	11		<LOD	10		106	5
Pass	<LOD	9		<LOD	9		111	5
Pass	<LOD	10		<LOD	9		112	5
Pass	<LOD	10		<LOD	9		113	5
Pass	<LOD	10		<LOD	10		140	5
Pass	<LOD	10		<LOD	10		143	5
Pass	<LOD	10		<LOD	10		142	5
Pass	<LOD	10		10	3	Pass	66	4
Pass	<LOD	10		<LOD	9		55	4
Pass	<LOD	10		<LOD	9		64	4
Pass	<LOD	12		<LOD	12		297	7
Pass	<LOD	11		<LOD	12		319	8
Pass	<LOD	11		<LOD	12		315	8
Pass	<LOD	10		<LOD	9		51	4
Pass	<LOD	9		<LOD	8		51	4
	<LOD	10		<LOD	9		49	4
Pass	<LOD	9		<LOD	8		55	4
Pass	<LOD	9		<LOD	8		51	4
Pass	<LOD	9		<LOD	8		47	4
Pass	<LOD	12		<LOD	13		488	9
Pass	<LOD	12		<LOD	14		492	9
Pass	<LOD	13		<LOD	14		503	9
Pass	<LOD	10		<LOD	11		184	6
Pass	<LOD	10		<LOD	10		178	6
	<LOD	10		<LOD	10		174	6

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019823			224			47.2	
Pass							54.89	testing
Pass							55.65	testing
Pass							57.19	testing
Pass							52.33	testing
Pass							52.31	testing
Pass							52.27	testing
Pass							51.68	testing
Pass							51.76	testing
Pass							52.88	testing
Pass							52.9	testing
Pass							53.06	testing
Pass							52.73	testing
Pass							51.76	testing
Pass							52.44	testing
Pass							51.8	testing
Pass							51.11	testing
Pass							52.28	testing
Pass							52.72	testing
Pass							51.84	testing
Pass							52.67	testing
Pass							51.67	testing
Pass							52.04	testing
Pass							51.8	testing
Pass							51.55	testing
Pass							50.38	testing
Pass							50.03	testing
Pass							50.75	testing
Pass							53.23	testing
Pass							52.27	testing
Pass							53	testing
Pass							52.68	testing
Pass							52.44	testing
Pass							52.67	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
19-Aug-08	1			-0.01376			PASS	Standardiz
19-Aug-08	2				NIST2710	high		Soil
19-Aug-08	3				NIST2711	medium		Soil
19-Aug-08	4				NIST2710	high		Soil
19-Aug-08	5				5025	F1		Soil
19-Aug-08	6				5025	F1		Soil
19-Aug-08	7				5025	F1		Soil
19-Aug-08	8				5025	F2		Soil
19-Aug-08	9				5025	F2		Soil
19-Aug-08	10				5025	F2		Soil
19-Aug-08	11				5025	B1		Soil
19-Aug-08	12				5025	B1		Soil
19-Aug-08	13				5025	B1		Soil
19-Aug-08	14				5025	B2		Soil
19-Aug-08	15				5025	B2		Soil
19-Aug-08	16				5025	B2		Soil
19-Aug-08	17				5025	DZ		Soil
19-Aug-08	18				5025	DZ		Soil
19-Aug-08	19				5025	DZ		Soil
19-Aug-08	20				30914	F1		Soil
19-Aug-08	21				30914	F1		Soil
19-Aug-08	22				30914	F1		Soil
19-Aug-08	23				30914	F2		Soil
19-Aug-08	24				30914	F2		Soil
19-Aug-08	25				30914	F2		Soil
19-Aug-08	26				30914	DZ		Soil
19-Aug-08	27				30914	DZ		Soil
19-Aug-08	28				30914	DZ		Soil
19-Aug-08	29				30553	F1		Soil
19-Aug-08	30				30553	F1		Soil
19-Aug-08	31				30553	F1		Soil
19-Aug-08	32				30553	F1-bio		Soil
19-Aug-08	33				30553	F1-bio		Soil
19-Aug-08	34				30553	F1-bio		Soil
19-Aug-08	35				30553	F2		Soil
19-Aug-08	36				30553	F2		Soil
19-Aug-08	37				30553	F2		Soil
19-Aug-08	38				30553	B1		Soil
19-Aug-08	39				40553	B1		Soil
19-Aug-08	40				30553	B1		Soil
19-Aug-08	41			-0.017715			PASS	Standardiz
19-Aug-08	42				30553	B2		Soil
19-Aug-08	43				30553	B2		Soil
19-Aug-08	44				30553	B2		Soil
19-Aug-08	45				30553	DZ		Soil
19-Aug-08	46				30553	DZ		Soil
19-Aug-08	47				30553	DZ		Soil
19-Aug-08	48				30911	F1		Soil
19-Aug-08	49				30911	F1		Soil
19-Aug-08	50				30911	F1		Soil

19-Aug-08	51	30911	F2-10 sieve	Soil
19-Aug-08	52	30911	F2-10 sieve	Soil
19-Aug-08	53	30911	F2-10 sieve	Soil
19-Aug-08	54	30911	F2-60 sieve	Soil
19-Aug-08	55	30911	F2-60 sieve	Soil
19-Aug-08	56	30911	F2-60 sieve	Soil
19-Aug-08	57	30553	B1	Soil
19-Aug-08	58	30911	B1	Soil
19-Aug-08	59	30911	B1	Soil
19-Aug-08	60	30911	B1-bio	Soil
19-Aug-08	61	30911	B1-bio	Soil
19-Aug-08	62	30911	B1-bio	Soil
19-Aug-08	63	30911	B2	Soil
19-Aug-08	64	20758	F1	Soil
19-Aug-08	65	30911	B2	Soil
19-Aug-08	66	30911	DZ	Soil
19-Aug-08	67	30911	DZ	Soil
19-Aug-08	68	30911	DZ	Soil
19-Aug-08	69	30911	DW	Soil
19-Aug-08	70	30911	DZ	Soil
19-Aug-08	71	30911	DZ	Soil
19-Aug-08	72	486	F1	Soil
19-Aug-08	73	486	F1	Soil
19-Aug-08	74	486	F1	Soil
19-Aug-08	75	486	F2	Soil
19-Aug-08	76	486	F2	Soil
19-Aug-08	77	486	F2	Soil
19-Aug-08	78	486	B1	Soil
19-Aug-08	79	486	B1	Soil
19-Aug-08	80	486	B1	Soil
19-Aug-08	81	486	B2	Soil
19-Aug-08	82	486	B2	Soil
19-Aug-08	83	486	B2	Soil
19-Aug-08	84	486	DZ	Soil
19-Aug-08	85	486	DZ	Soil
19-Aug-08	86	486	DZ	Soil
19-Aug-08	87	486	DW	Soil
19-Aug-08	88	486	DZ	Soil
19-Aug-08	89	486	DW	Soil
19-Aug-08	90	486	PZ-10 sieve	Soil
19-Aug-08	91	486	PZ-10 sieve	Soil
19-Aug-08	92	486	PZ-10 sieve	Soil
19-Aug-08	93	486	PZ-60 sieve	Soil
19-Aug-08	94	486	PZ-60 sieve	Soil
19-Aug-08	95	486	PZ-60 sieve	Soil
19-Aug-08	96	30651	F1	Soil
19-Aug-08	97	30651	F1	Soil
19-Aug-08	98	30651	F1	Soil
19-Aug-08	99	30651	F2	Soil
19-Aug-08	100	30651	F2	Soil
19-Aug-08	101	30651	F2	Soil

19-Aug-08	102	30651	B1	Soil
19-Aug-08	103	30651	B1	Soil
19-Aug-08	104	30651	B1	Soil
19-Aug-08	105	30651	B2	Soil
19-Aug-08	106	30651	B2	Soil
19-Aug-08	107	30651	B2	Soil
19-Aug-08	108	30651	DZ	Soil
19-Aug-08	109	30651	DZ	Soil
19-Aug-08	110	30651	DZ	Soil
19-Aug-08	111	30651	GZ	Soil
19-Aug-08	112	30651	GZ	Soil
19-Aug-08	113	30651	GZ	Soil
19-Aug-08	114	30651	DW-10 sieve	Soil
19-Aug-08	115	30651	DW-10 sieve	Soil
19-Aug-08	116	30651	DW-10 sieve	Soil
19-Aug-08	117	30651	DW-60 sieve	Soil
19-Aug-08	118	30651	DW-60 sieve	Soil
19-Aug-08	119	30651	DW-60 sieve	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
8:08:00								
8:09:31				<LOD		0	NA	
8:12:15				<LOD		0	NA	
8:14:48				<LOD		0	NA	
8:17:16	shot 1			<LOD		0	NA	
8:19:34	shot 2			<LOD		0	NA	
8:21:57	shot 3			<LOD		0	NA	
8:24:42	shot 1			<LOD		0	NA	
8:26:52	shot 2			<LOD		0	NA	
8:29:05	shot 3			<LOD		0	NA	
8:31:25	shot 1			<LOD		0	NA	
8:33:43	shot 2			<LOD		0	NA	
8:36:03	shot 3			<LOD		0	NA	
8:38:28	shot 1			<LOD		0	NA	
8:41:07	shot 2			<LOD		0	NA	
8:43:16	shot 3			<LOD		0	NA	
8:46:10	shot 1			<LOD		0	NA	
8:49:16	shot 2			<LOD		0	NA	
8:54:09	shot 3			<LOD		0	NA	
9:03:11	shot 1			<LOD		0	NA	
9:05:35	shot 2			<LOD		0	NA	
9:07:41	shot 3			<LOD		0	NA	
9:10:17	shot 1			<LOD		0	NA	
9:13:07	shot 2			<LOD		0	NA	
9:16:11	shot 3			<LOD		0	NA	
9:21:21	shot 1			<LOD		0	NA	
9:23:45	shot 2			<LOD		0	NA	
9:26:07	shot 3			<LOD		0	NA	
11:35:18	shot 1			<LOD		0	NA	
11:37:48	shot 2			<LOD		0	NA	
11:40:07	shot 3			<LOD		0	NA	
11:44:47	shot 1			<LOD		0	NA	
11:47:52	shot 2			<LOD		0	NA	
11:50:33	shot 3			<LOD		0	NA	
11:54:16	shot 1			<LOD		0	NA	
11:57:02	shot 2			<LOD		0	NA	
12:00:45	shot 3			<LOD		0	NA	
12:04:06	shot 1			<LOD		0	NA	
12:07:05	shot 2			<LOD		0	NA	
12:09:32	shot 3			<LOD		0	NA	
12:12:00								
12:13:27	shot 1			<LOD		0	NA	
12:15:52	shot 2			<LOD		0	NA	
12:18:08	shot 3			<LOD		0	NA	
12:21:55	shot 1			<LOD		0	NA	
12:26:59	shot 2			<LOD		0	NA	
12:29:15	shot 3			<LOD		0	NA	
12:51:12	shot 1			<LOD		0	NA	
12:53:38	shot 2			<LOD		0	NA	
12:55:52	shot 3			<LOD		0	NA	

12:58:31 shot 1	<LOD	0	NA
13:01:30 shot 2	<LOD	0	NA
13:04:10 shot 3	<LOD	0	NA
13:06:42 shot 1	<LOD	0	NA
13:09:24 shot 2	<LOD	0	NA
13:12:06 shot 3	<LOD	0	NA
13:14:43 shot 1	<LOD	0	NA
13:17:10 shot 2	<LOD	0	NA
13:19:37 shot 3	<LOD	0	NA
13:22:01 shot 1	<LOD	0	NA
13:24:59 shot 2	<LOD	0	NA
13:27:30 shot 3	<LOD	0	NA
13:30:14 shot 1	<LOD	0	NA
13:32:34 shot 2	<LOD	0	NA
13:34:39 shot 3	<LOD	0	NA
13:38:02 shot 1	<LOD	0	NA
13:40:36 shot 2	<LOD	0	NA
13:44:13 shot 3	<LOD	0	NA
13:46:47 shot 1	<LOD	0	NA
13:49:01 shot 2	<LOD	0	NA
13:51:12 shot 3	<LOD	0	NA
14:09:59 shot 1	<LOD	0	NA
14:12:45 shot 2	<LOD	0	NA
14:15:00 shot 3	<LOD	0	NA
14:17:22 shot 1	<LOD	0	NA
14:20:10 shot 2	<LOD	0	NA
14:22:39 shot 3	<LOD	0	NA
14:24:57 shot 1	<LOD	0	NA
14:27:23 shot 2	<LOD	0	NA
14:29:43 shot 3	<LOD	0	NA
14:32:03 shot 1	<LOD	0	NA
14:34:20 shot 2	<LOD	0	NA
14:36:33 shot 3	<LOD	0	NA
14:39:21 shot 1	<LOD	0	NA
14:41:43 shot 2	<LOD	0	NA
14:44:42 shot 3	<LOD	0	NA
14:47:09 shot 1	<LOD	0	NA
14:49:27 shot 2	<LOD	0	NA
14:52:18 shot 3	<LOD	0	NA
14:55:04 shot 1	<LOD	0	NA
14:57:45 shot 2	<LOD	0	NA
15:00:07 shot 3	<LOD	0	NA
15:02:26 shot 1	<LOD	0	NA
15:04:50 shot 2	<LOD	0	NA
15:07:35 shot 3	<LOD	0	NA
15:14:07 shot 1	<LOD	0	NA
15:16:41 shot 2	<LOD	0	NA
15:18:58 shot 3	<LOD	0	NA
15:21:19 shot 1	<LOD	0	NA
15:23:44 shot 2	<LOD	0	NA
15:26:04 shot 3	<LOD	0	NA

15:28:52	shot 1	<LOD	0	NA
15:31:15	shot 2	<LOD	0	NA
15:33:30	shot 3	<LOD	0	NA
15:36:04	shot 1	<LOD	0	NA
15:38:39	shot 2	<LOD	0	NA
15:41:11	shot 3	<LOD	0	NA
15:43:31	shot 1	<LOD	0	NA
15:46:14	shot 2	<LOD	0	NA
15:48:32	shot 3	<LOD	0	NA
15:50:50	shot 1	<LOD	0	NA
15:52:58	shot 2	<LOD	0	NA
15:55:37	shot 3	<LOD	0	NA
15:57:52	shot 1	<LOD	0	NA
16:00:12	shot 2	<LOD	0	NA
16:02:38	shot 3	<LOD	0	NA
16:05:27	shot 1	<LOD	0	NA
16:07:47	shot 2	<LOD	0	NA
16:10:15	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
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K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3006	375	Pass	<LOD	127
	NA			2796	305	Pass	<LOD	92
	NA			2961	370	Pass	<LOD	123
	NA			2556	576	Pass	259	55
	NA			3693	576	Pass	204	53
	NA			4411	519	Pass	225	50
	NA			3386	370	Pass	125	36
	NA			5420	380	Pass	147	35
	NA			4236	374	Pass	<LOD	104
	NA			4358	370	Pass	119	34
	NA			4164	370	Pass	113	35
	NA			4235	367	Pass	<LOD	100
	NA			4599	316	Pass	134	31
	NA			4580	314	Pass	<LOD	88
	NA			4540	316	Pass	115	31
	NA			4519	355	Pass	158	35
	NA			5183	366	Pass	<LOD	101
	NA			4459	360	Pass	<LOD	101
	NA			2738	625	Pass	262	55
	NA			<LOD	1951		286	58
	NA			2361	645	Pass	213	56
	NA			<LOD	3083		378	87
	NA			<LOD	2772		433	81
	NA			<LOD	2969		513	87
	NA			<LOD	2076		351	66
	NA			<LOD	2424		282	73
	NA			<LOD	2202		352	68
	NA			3026	554	Pass	172	48
	NA			2001	547	Pass	258	50
	NA			3160	535	Pass	237	48
	NA			2061	535	Pass	293	50
	NA			<LOD	1638		260	50
	NA			2627	534	Pass	244	48
	NA			2864	486	Pass	233	45
	NA			2972	489	Pass	149	44
	NA			2633	481	Pass	180	44
	NA			4273	393	Pass	<LOD	111
	NA			3988	394	Pass	171	39
	NA			3300	402	Pass	<LOD	113
	NA			3367	398	Pass	153	38
	NA			3014	405	Pass	119	38
	NA			3211	403	Pass	<LOD	108
	NA			3343	394	Pass	136	36
	NA			3172	393	Pass	182	38
	NA			3602	420	Pass	163	39
	NA			<LOD	3768		549	107
	NA			<LOD	4013		568	113
	NA			<LOD	4096		476	111

NA	<LOD	2511		485	76
NA	<LOD	2578		414	77
NA	<LOD	2514		423	74
NA	<LOD	3041		452	88
NA	<LOD	2877		566	86
NA	<LOD	3055		484	89
NA	<LOD	3026		574	89
NA	<LOD	3036		504	89
NA	<LOD	3001		415	87
NA	<LOD	2864		320	82
NA	<LOD	2937		433	85
NA	<LOD	2981		407	86
NA	<LOD	2896		465	85
NA	<LOD	2917		614	88
NA	<LOD	2953		529	87
NA	<LOD	3575		439	100
NA	<LOD	3551		588	102
NA	<LOD	3428		440	97
NA	<LOD	4085		666	114
NA	<LOD	4139		480	113
NA	<LOD	4278		720	119
NA	3857	320	Pass	124	32
NA	4157	330	Pass	134	32
NA	3757	322	Pass	<LOD	91
NA	2495	484	Pass	141	44
NA	2423	488	Pass	<LOD	127
NA	2670	488	Pass	208	45
NA	2863	511	Pass	207	48
NA	1948	545	Pass	155	50
NA	2072	523	Pass	304	52
NA	2136	665	Pass	252	59
NA	<LOD	1996		205	58
NA	<LOD	1981		275	59
NA	2722	328	Pass	<LOD	102
NA	3269	336	Pass	<LOD	101
NA	3758	333	Pass	<LOD	100
NA	2358	528	Pass	176	49
NA	2863	540	Pass	191	50
NA	2869	505	Pass	172	47
NA	3860	326	Pass	<LOD	92
NA	3299	318	Pass	<LOD	94
NA	3430	333	Pass	<LOD	96
NA	4259	335	Pass	108	33
NA	3645	339	Pass	172	35
NA	3583	320	Pass	<LOD	90
NA	2749	502	Pass	<LOD	136
NA	2621	501	Pass	<LOD	137
NA	2697	486	Pass	139	45
NA	<LOD	2238		261	66
NA	<LOD	2247		333	67
NA	<LOD	2242		318	67

NA	<LOD	1858		236	57
NA	<LOD	1904		194	57
NA	2030	636	Pass	210	58
NA	<LOD	2480		421	74
NA	<LOD	2633		310	76
NA	<LOD	2467		369	73
NA	3148	450	Pass	<LOD	128
NA	3115	496	Pass	211	47
NA	4133	468	Pass	<LOD	128
NA	3040	296	Pass	<LOD	88
NA	2831	294	Pass	<LOD	84
NA	2865	309	Pass	<LOD	90
NA	<LOD	2760		300	77
NA	<LOD	2451		310	69
NA	<LOD	2513		242	69
NA	<LOD	4184		366	112
NA	<LOD	4176		669	116
NA	<LOD	4232		550	117

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	10050	155	Pass	38012	416	Pass	<LOD	206
	478	31	Pass	24822	256	Pass	<LOD	151
	9954	153	Pass	37538	411	Pass	<LOD	201
Pass	886	46	Pass	47426	482	Pass	<LOD	218
Pass	847	45	Pass	47403	481	Pass	<LOD	221
Pass	867	44	Pass	47662	476	Pass	<LOD	218
Pass	456	30	Pass	24566	247	Pass	<LOD	147
Pass	456	30	Pass	24216	244	Pass	<LOD	146
	387	29	Pass	24251	244	Pass	<LOD	144
Pass	477	30	Pass	20329	211	Pass	<LOD	134
Pass	498	30	Pass	21647	222	Pass	<LOD	137
	489	30	Pass	20513	211	Pass	<LOD	133
Pass	273	24	Pass	18932	194	Pass	<LOD	128
	235	23	Pass	18659	190	Pass	<LOD	125
Pass	247	24	Pass	18758	192	Pass	<LOD	127
Pass	455	30	Pass	26582	265	Pass	<LOD	154
	443	30	Pass	27385	272	Pass	<LOD	155
	456	30	Pass	27103	269	Pass	<LOD	153
Pass	874	43	Pass	24541	267	Pass	<LOD	157
Pass	942	45	Pass	24887	272	Pass	<LOD	159
Pass	959	45	Pass	25017	275	Pass	<LOD	161
Pass	842	53	Pass	33128	381	Pass	<LOD	195
Pass	728	48	Pass	31445	356	Pass	<LOD	191
Pass	753	51	Pass	33639	384	Pass	<LOD	199
Pass	932	51	Pass	50970	549	Pass	<LOD	237
Pass	815	51	Pass	51637	560	Pass	<LOD	245
Pass	740	48	Pass	49649	534	Pass	<LOD	235
Pass	1062	43	Pass	16752	188	Pass	<LOD	125
Pass	1098	43	Pass	15626	177	Pass	<LOD	120
Pass	1000	41	Pass	16237	183	Pass	<LOD	122
Pass	1014	42	Pass	16081	181	Pass	<LOD	123
Pass	1052	42	Pass	15254	174	Pass	<LOD	119
Pass	993	41	Pass	16104	180	Pass	<LOD	121
Pass	1228	44	Pass	20145	213	Pass	<LOD	133
Pass	1305	45	Pass	20260	215	Pass	<LOD	134
Pass	1235	44	Pass	21100	221	Pass	<LOD	139
	696	36	Pass	31419	310	Pass	<LOD	169
Pass	704	36	Pass	31038	305	Pass	<LOD	166
	784	38	Pass	32243	319	Pass	<LOD	169
Pass	1053	41	Pass	22814	235	Pass	<LOD	141
Pass	971	39	Pass	22843	234	Pass	<LOD	141
	1087	41	Pass	22850	233	Pass	<LOD	141
Pass	782	34	Pass	16611	175	Pass	<LOD	119
Pass	801	35	Pass	16917	178	Pass	<LOD	119
Pass	788	36	Pass	17115	185	Pass	<LOD	123
Pass	935	61	Pass	43659	506	Pass	<LOD	234
Pass	970	64	Pass	47361	554	Pass	<LOD	249
Pass	987	64	Pass	48651	570	Pass	<LOD	251

Pass	754	47	Pass	39235	417	Pass	<LOD	203
Pass	961	52	Pass	46628	490	Pass	<LOD	224
Pass	791	48	Pass	41442	436	Pass	<LOD	207
Pass	903	54	Pass	44145	487	Pass	<LOD	224
Pass	1012	55	Pass	43832	480	Pass	<LOD	223
Pass	926	55	Pass	45756	507	Pass	<LOD	232
Pass	1075	58	Pass	46944	522	Pass	<LOD	237
Pass	952	56	Pass	47232	524	Pass	<LOD	235
Pass	939	56	Pass	47446	534	Pass	<LOD	239
Pass	1048	56	Pass	46100	507	Pass	<LOD	231
Pass	1016	56	Pass	47507	528	Pass	<LOD	236
Pass	1099	58	Pass	46079	515	Pass	<LOD	233
Pass	942	55	Pass	49516	536	Pass	<LOD	239
Pass	849	54	Pass	49502	542	Pass	<LOD	243
Pass	910	55	Pass	50739	554	Pass	<LOD	244
Pass	973	61	Pass	50805	582	Pass	<LOD	255
Pass	897	59	Pass	46747	538	Pass	<LOD	242
Pass	898	58	Pass	47536	539	Pass	<LOD	241
Pass	840	60	Pass	31346	378	Pass	<LOD	196
Pass	676	58	Pass	30884	377	Pass	<LOD	201
Pass	784	61	Pass	31797	390	Pass	<LOD	204
Pass	737	33	Pass	19084	195	Pass	<LOD	126
Pass	794	34	Pass	20002	203	Pass	<LOD	130
	747	33	Pass	19566	200	Pass	<LOD	128
Pass	1000	41	Pass	21083	224	Pass	<LOD	138
	952	40	Pass	19305	209	Pass	<LOD	134
Pass	1000	41	Pass	20928	223	Pass	<LOD	137
Pass	881	42	Pass	34103	350	Pass	<LOD	180
Pass	913	43	Pass	31586	329	Pass	<LOD	175
Pass	927	44	Pass	34468	358	Pass	<LOD	185
Pass	1054	47	Pass	30600	328	Pass	<LOD	176
Pass	1090	48	Pass	30834	329	Pass	<LOD	176
Pass	958	46	Pass	31297	333	Pass	<LOD	178
	1481	47	Pass	22307	237	Pass	<LOD	145
	1558	49	Pass	22375	238	Pass	<LOD	146
	1556	49	Pass	22367	241	Pass	<LOD	146
Pass	1303	49	Pass	29171	313	Pass	<LOD	172
Pass	1175	47	Pass	28338	303	Pass	<LOD	169
Pass	1172	47	Pass	28540	303	Pass	<LOD	169
	956	37	Pass	25272	245	Pass	<LOD	142
	788	35	Pass	26445	257	Pass	<LOD	148
	707	34	Pass	26597	263	Pass	<LOD	151
Pass	758	34	Pass	25131	245	Pass	<LOD	144
Pass	768	35	Pass	25051	248	Pass	<LOD	146
	708	33	Pass	25141	244	Pass	<LOD	145
	718	38	Pass	31399	320	Pass	<LOD	172
	770	39	Pass	30358	309	Pass	<LOD	168
Pass	721	38	Pass	29520	302	Pass	<LOD	165
Pass	680	43	Pass	33538	358	Pass	<LOD	187
Pass	775	45	Pass	31690	340	Pass	<LOD	181
Pass	799	46	Pass	34729	375	Pass	<LOD	192

Pass	812	44	Pass	40628	418	Pass	<LOD	201
Pass	842	45	Pass	40601	417	Pass	<LOD	201
Pass	970	48	Pass	43167	450	Pass	<LOD	212
Pass	733	48	Pass	44718	479	Pass	<LOD	223
Pass	794	50	Pass	45242	488	Pass	<LOD	224
Pass	770	49	Pass	44884	484	Pass	<LOD	222
	667	37	Pass	35031	351	Pass	<LOD	180
Pass	723	39	Pass	34435	351	Pass	<LOD	181
	708	38	Pass	33905	342	Pass	<LOD	177
	667	31	Pass	19449	195	Pass	<LOD	126
	752	33	Pass	19591	195	Pass	<LOD	125
	773	33	Pass	19838	198	Pass	<LOD	126
Pass	839	48	Pass	29667	320	Pass	<LOD	175
Pass	438	38	Pass	26878	283	Pass	<LOD	161
Pass	498	39	Pass	23876	256	Pass	<LOD	151
Pass	840	61	Pass	35526	428	Pass	<LOD	216
Pass	801	60	Pass	37087	438	Pass	<LOD	218
Pass	857	62	Pass	36931	445	Pass	<LOD	222

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	41		2977	45	Pass	7014	80
	<LOD	31		106	9	Pass	295	9
	<LOD	40		2946	44	Pass	6790	78
	73	14	Pass	35	8	Pass	1246	21
	41	13	Pass	35	8	Pass	1242	21
	57	13	Pass	40	8	Pass	1264	21
	<LOD	30		33	7	Pass	444	11
	38	10	Pass	<LOD	20		409	10
	46	10	Pass	23	7	Pass	402	10
	43	10	Pass	<LOD	20		379	10
	<LOD	29		36	7	Pass	408	10
	36	10	Pass	<LOD	20		389	10
	<LOD	28		24	6	Pass	213	7
	<LOD	27		<LOD	19		208	7
	<LOD	27		<LOD	19		209	7
	<LOD	30		28	7	Pass	592	12
	37	10	Pass	26	7	Pass	605	12
	<LOD	29		<LOD	20		595	12
	73	12	Pass	51	8	Pass	457	12
	<LOD	33		43	8	Pass	483	12
	<LOD	33		56	8	Pass	464	12
	77	14	Pass	37	9	Pass	827	18
	59	13	Pass	49	9	Pass	850	18
	58	13	Pass	61	9	Pass	858	18
	89	15	Pass	66	10	Pass	1791	28
	51	15	Pass	54	10	Pass	1807	29
	95	15	Pass	80	10	Pass	1790	28
	46	10	Pass	41	7	Pass	307	9
	<LOD	28		22	7	Pass	289	9
	<LOD	28		40	7	Pass	290	9
	41	10	Pass	31	7	Pass	316	9
	<LOD	28		37	7	Pass	310	9
	40	10	Pass	36	7	Pass	299	9
	57	10	Pass	42	7	Pass	334	9
	57	10	Pass	46	8	Pass	352	10
	47	10	Pass	29	7	Pass	353	9
	<LOD	32		42	7	Pass	356	10
	<LOD	32		38	7	Pass	369	10
	48	11	Pass	43	8	Pass	379	10
	<LOD	29		39	7	Pass	306	9
	38	10	Pass	35	7	Pass	291	9
	<LOD	28		32	7	Pass	295	9
	<LOD	27		31	7	Pass	585	12
	<LOD	27		42	7	Pass	586	12
	<LOD	28		47	7	Pass	620	13
	45	15	Pass	51	10	Pass	879	19
	<LOD	45		34	10	Pass	919	20
	56	15	Pass	51	10	Pass	872	19

	60	13	Pass		48	9	Pass	975	18
	43	14	Pass		40	9	Pass	1021	19
	55	13	Pass		42	9	Pass	1005	19
	65	14	Pass		43	9	Pass	1098	21
	66	14	Pass		47	9	Pass	1175	22
	88	15	Pass		39	9	Pass	1190	22
	60	15	Pass		63	10	Pass	1077	21
	47	14	Pass		59	10	Pass	1050	21
	54	15	Pass		80	10	Pass	1077	21
	66	14	Pass		49	9	Pass	1104	21
	56	14	Pass		66	10	Pass	1040	20
	76	15	Pass		70	10	Pass	1073	21
	51	15	Pass		64	10	Pass	1174	22
	77	15	Pass		54	10	Pass	1159	22
	54	15	Pass		67	10	Pass	1195	22
	51	15	Pass		40	10	Pass	1148	23
	76	15	Pass		54	10	Pass	1095	22
	45	15	Pass		55	10	Pass	1092	22
	60	14	Pass		42	10	Pass	556	15
	41	14	Pass		34	9	Pass	569	15
<LOD		41			61	10	Pass	536	15
	42	9	Pass		34	7	Pass	162	6
<LOD		27		<LOD		19		174	6
<LOD		27		<LOD		19		171	6
	43	10	Pass		23	7	Pass	343	9
<LOD		30			24	7	Pass	369	10
	35	10	Pass	<LOD		21		339	9
	51	12	Pass		30	8	Pass	461	11
	47	12	Pass		33	8	Pass	429	11
	46	12	Pass		28	8	Pass	449	11
<LOD		34			34	8	Pass	400	11
	60	12	Pass		36	8	Pass	399	11
	60	12	Pass		29	8	Pass	396	11
	38	10	Pass		46	8	Pass	730	14
	47	11	Pass		68	8	Pass	721	14
	37	10	Pass		61	8	Pass	764	15
	40	12	Pass		47	8	Pass	581	13
	39	11	Pass	<LOD		23		538	13
	35	11	Pass		46	8	Pass	501	12
	41	10	Pass		28	7	Pass	281	8
<LOD		29			29	7	Pass	292	8
<LOD		29			32	7	Pass	283	8
<LOD		28			30	7	Pass	292	8
	34	10	Pass		24	7	Pass	284	8
<LOD		29			32	7	Pass	282	8
	55	12	Pass		41	8	Pass	599	13
	54	11	Pass		54	8	Pass	588	13
<LOD		32			49	8	Pass	580	13
	39	12	Pass		45	8	Pass	702	15
	44	12	Pass		38	8	Pass	686	15
	53	13	Pass		25	8	Pass	698	15

	42	12	Pass	37	8	Pass	784	16
	57	13	Pass	35	8	Pass	772	16
	52	13	Pass	34	8	Pass	839	17
	71	14	Pass	47	9	Pass	924	18
	61	14	Pass	48	9	Pass	929	18
	55	14	Pass	51	9	Pass	909	18
<LOD		33		33	8	Pass	626	13
<LOD		33		22	7	Pass	638	14
	34	11	Pass	34	8	Pass	618	13
<LOD		27		29	6	Pass	386	9
<LOD		27		26	6	Pass	381	9
	27	9	Pass	20	6	Pass	392	9
<LOD		34		36	8	Pass	434	11
	33	11	Pass	37	8	Pass	447	11
	49	11	Pass	25	7	Pass	400	11
<LOD		42		50	10	Pass	608	16
<LOD		42		32	9	Pass	584	15
	62	15	Pass	53	10	Pass	684	17

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	702	24	Pass	<LOD	10		128	3
Pass	105	9	Pass	<LOD	5		109	3
Pass	644	23	Pass	<LOD	10		129	3
Pass	40	7	Pass	<LOD	5		55	2
Pass	54	7	Pass	<LOD	4		55	2
Pass	32	7	Pass	<LOD	4		56	2
Pass	<LOD	12		<LOD	3		62	2
Pass	<LOD	13		<LOD	3		64	2
Pass	12	4	Pass	<LOD	3		60	2
Pass	<LOD	12		<LOD	3		57	2
Pass	<LOD	12		<LOD	3		54	2
Pass	<LOD	12		<LOD	3		56	2
Pass	<LOD	9		<LOD	3		63	2
Pass	<LOD	9		<LOD	3		59	2
Pass	<LOD	9		<LOD	3		62	2
Pass	18	5	Pass	<LOD	4		66	2
Pass	<LOD	14		<LOD	4		61	2
Pass	<LOD	14		<LOD	4		66	2
Pass	20	6	Pass	<LOD	4		56	2
Pass	<LOD	18		<LOD	4		58	2
Pass	24	6	Pass	<LOD	4		53	2
Pass	47	9	Pass	<LOD	6		45	2
Pass	44	9	Pass	<LOD	5		44	2
Pass	41	9	Pass	<LOD	5		44	2
Pass	113	14	Pass	<LOD	7		59	2
Pass	101	14	Pass	<LOD	7		58	2
Pass	105	14	Pass	<LOD	7		59	2
Pass	22	7	Pass	<LOD	4		37	2
Pass	<LOD	20		<LOD	4		34	2
Pass	32	7	Pass	<LOD	4		35	2
Pass	<LOD	21		<LOD	4		35	2
Pass	36	7	Pass	<LOD	4		34	2
Pass	25	7	Pass	<LOD	4		34	2
Pass	26	8	Pass	<LOD	4		55	2
Pass	24	8	Pass	<LOD	4		56	2
Pass	24	8	Pass	<LOD	4		55	2
Pass	21	6	Pass	<LOD	4		73	2
Pass	28	6	Pass	<LOD	4		72	2
Pass	20	6	Pass	<LOD	4		73	2
Pass	<LOD	24		<LOD	4		64	2
Pass	<LOD	24		<LOD	4		65	2
Pass	49	8	Pass	<LOD	4		63	2
Pass	<LOD	21		<LOD	4		52	2
Pass	<LOD	21		<LOD	4		51	2
Pass	<LOD	22		<LOD	4		51	2
Pass	47	9	Pass	<LOD	6		24	2
Pass	51	9	Pass	<LOD	6		22	2
Pass	55	9	Pass	<LOD	6		17	2

Pass		28	9	Pass	<LOD	5	29	2
Pass		56	9	Pass	<LOD	5	31	2
Pass		38	9	Pass	<LOD	5	32	2
Pass		54	10	Pass	<LOD	6	37	2
Pass		66	10	Pass	<LOD	5	43	2
Pass		44	10	Pass	<LOD	6	42	2
Pass		60	9	Pass	<LOD	5	39	2
Pass		51	9	Pass	<LOD	6	40	2
Pass		54	9	Pass	<LOD	6	41	2
Pass		59	9	Pass	<LOD	6	43	2
Pass		58	9	Pass	<LOD	6	37	2
Pass		58	9	Pass	<LOD	5	40	2
Pass		55	11	Pass	<LOD	6	47	2
Pass		84	11	Pass	<LOD	6	52	2
Pass		59	11	Pass	<LOD	6	52	2
Pass		53	10	Pass	<LOD	6	29	2
Pass		61	10	Pass	<LOD	6	30	2
Pass		65	10	Pass	<LOD	6	31	2
Pass		35	8	Pass	<LOD	5	13	2
Pass		34	8	Pass	<LOD	5	12	2
Pass		37	8	Pass	<LOD	6	11	2
Pass	<LOD		15		<LOD	3	70	2
Pass	<LOD		15		<LOD	3	71	2
Pass	<LOD		15		<LOD	3	70	2
Pass		25	7	Pass	<LOD	4	57	2
Pass		29	7	Pass	<LOD	5	57	2
Pass		24	7	Pass	<LOD	4	55	2
Pass		48	10	Pass	<LOD	5	71	2
Pass		35	10	Pass	<LOD	5	66	2
Pass		37	10	Pass	<LOD	5	68	2
Pass		43	9	Pass	<LOD	5	60	2
Pass	<LOD		26		<LOD	5	61	2
Pass		32	9	Pass	<LOD	5	57	2
Pass	<LOD		27		<LOD	5	62	2
Pass	<LOD		29		<LOD	5	66	2
Pass	<LOD		27		<LOD	5	59	2
Pass		38	11	Pass	<LOD	6	49	2
Pass		43	11	Pass	<LOD	6	48	2
Pass		57	10	Pass	<LOD	5	57	2
Pass		27	6	Pass	<LOD	4	70	2
Pass		28	6	Pass	<LOD	4	71	2
Pass	<LOD		19		<LOD	4	76	2
Pass	<LOD		18		<LOD	4	70	2
Pass		21	6	Pass	<LOD	4	77	2
Pass		23	6	Pass	<LOD	4	75	2
Pass		38	8	Pass	<LOD	5	53	2
Pass	<LOD		23		<LOD	5	53	2
Pass		43	8	Pass	<LOD	4	49	2
Pass		57	9	Pass	<LOD	5	41	2
Pass		51	9	Pass	<LOD	5	40	2
Pass		57	9	Pass	<LOD	5	43	2

Pass		51	10	Pass	<LOD	5	47	2
Pass		44	10	Pass	<LOD	5	47	2
Pass		81	10	Pass	<LOD	5	52	2
Pass		51	10	Pass	<LOD	6	54	2
Pass		89	11	Pass	<LOD	6	52	2
Pass		70	10	Pass	<LOD	6	52	2
Pass		35	9	Pass	<LOD	5	62	2
Pass		32	9	Pass	<LOD	5	62	2
Pass		36	9	Pass	<LOD	5	60	2
Pass	<LOD		14		<LOD	3	52	2
Pass	<LOD		14		<LOD	3	49	2
Pass	<LOD		14		<LOD	3	53	2
Pass		60	9	Pass	<LOD	5	27	2
Pass		37	7	Pass	<LOD	4	14	1
Pass		38	7	Pass	<LOD	4	13	1
Pass	<LOD		32		<LOD	6	13	2
Pass		45	10	Pass	<LOD	6	15	2
Pass		61	11	Pass	<LOD	6	16	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	332	6	Pass	43	4	Pass	19	3
Pass	246	4	Pass	266	5	Pass	<LOD	8
Pass	328	6	Pass	42	4	Pass	20	3
Pass	145	3	Pass	263	5	Pass	<LOD	8
Pass	142	3	Pass	267	5	Pass	<LOD	8
Pass	122	3	Pass	263	5	Pass	<LOD	8
Pass	97	2	Pass	434	6	Pass	<LOD	8
Pass	99	2	Pass	444	6	Pass	9	3
Pass	91	2	Pass	420	6	Pass	<LOD	8
Pass	99	2	Pass	468	6	Pass	<LOD	8
Pass	102	3	Pass	471	6	Pass	<LOD	8
Pass	97	2	Pass	472	6	Pass	10	3
Pass	79	2	Pass	485	6	Pass	<LOD	8
Pass	79	2	Pass	489	6	Pass	<LOD	8
Pass	78	2	Pass	505	6	Pass	<LOD	8
Pass	87	2	Pass	378	6	Pass	10	3
Pass	83	2	Pass	391	6	Pass	<LOD	8
Pass	82	2	Pass	382	6	Pass	<LOD	8
Pass	309	5	Pass	235	5	Pass	<LOD	8
Pass	313	5	Pass	240	5	Pass	9	3
Pass	319	5	Pass	215	5	Pass	<LOD	8
Pass	583	8	Pass	121	5	Pass	11	3
Pass	482	7	Pass	109	4	Pass	<LOD	9
Pass	554	8	Pass	123	5	Pass	<LOD	9
Pass	259	5	Pass	26	4	Pass	<LOD	9
Pass	288	5	Pass	32	4	Pass	<LOD	9
Pass	281	5	Pass	20	4	Pass	<LOD	9
Pass	270	4	Pass	307	5	Pass	<LOD	8
Pass	273	4	Pass	322	5	Pass	<LOD	8
Pass	275	4	Pass	320	5	Pass	<LOD	8
Pass	274	4	Pass	320	5	Pass	<LOD	8
Pass	274	4	Pass	316	5	Pass	<LOD	8
Pass	282	4	Pass	316	5	Pass	<LOD	8
Pass	266	4	Pass	379	6	Pass	<LOD	8
Pass	265	4	Pass	376	6	Pass	8	3
Pass	271	4	Pass	389	6	Pass	<LOD	8
Pass	127	3	Pass	280	5	Pass	<LOD	8
Pass	127	3	Pass	297	5	Pass	<LOD	8
Pass	142	3	Pass	277	5	Pass	9	3
Pass	166	3	Pass	339	5	Pass	<LOD	8
Pass	177	3	Pass	356	5	Pass	<LOD	8
Pass	176	3	Pass	348	5	Pass	<LOD	8
Pass	157	3	Pass	350	5	Pass	<LOD	7
Pass	160	3	Pass	340	5	Pass	9	3
Pass	159	3	Pass	337	5	Pass	12	3
Pass	691	10	Pass	<LOD	13		<LOD	9
Pass	727	10	Pass	<LOD	13		12	3
Pass	761	11	Pass	<LOD	13		<LOD	9

Pass	337	5	Pass		18	4	Pass	<LOD		8
Pass	359	6	Pass	<LOD		11		<LOD		8
Pass	359	6	Pass	<LOD		11		<LOD		8
Pass	502	7	Pass		32	4	Pass	<LOD		9
Pass	479	7	Pass		45	4	Pass	<LOD		9
Pass	523	8	Pass		35	4	Pass	<LOD		9
Pass	574	8	Pass		68	5	Pass	<LOD		9
Pass	571	8	Pass		67	5	Pass	<LOD		9
Pass	550	8	Pass		70	5	Pass		13	3
Pass	523	8	Pass		65	4	Pass	<LOD		9
Pass	526	8	Pass		56	4	Pass	<LOD		9
Pass	530	8	Pass		72	5	Pass	<LOD		9
Pass	473	7	Pass		96	5	Pass	<LOD		9
Pass	473	7	Pass		107	5	Pass	<LOD		9
Pass	487	7	Pass		103	5	Pass	<LOD		9
Pass	654	9	Pass	<LOD		13		<LOD		9
Pass	663	10	Pass	<LOD		13		<LOD		9
Pass	635	9	Pass	<LOD		13		<LOD		9
Pass	831	11	Pass	<LOD		13		<LOD		9
Pass	852	12	Pass	<LOD		13		<LOD		9
Pass	886	12	Pass	<LOD		13		<LOD		9
Pass	92	2	Pass		420	6	Pass	<LOD		8
Pass	91	2	Pass		419	6	Pass	<LOD		8
Pass	91	2	Pass		408	6	Pass		13	3
Pass	185	3	Pass		260	5	Pass		10	3
Pass	173	3	Pass		251	5	Pass		8	3
Pass	188	4	Pass		273	5	Pass	<LOD		8
Pass	160	3	Pass		150	4	Pass	<LOD		8
Pass	169	3	Pass		154	4	Pass	<LOD		8
Pass	158	3	Pass		142	4	Pass	<LOD		8
Pass	253	4	Pass		172	4	Pass	<LOD		8
Pass	246	4	Pass		166	4	Pass	<LOD		8
Pass	241	4	Pass		170	4	Pass	<LOD		8
Pass	161	3	Pass		177	4	Pass	<LOD		8
Pass	163	3	Pass		184	4	Pass	<LOD		8
Pass	160	3	Pass		170	4	Pass	<LOD		8
Pass	188	4	Pass		187	5	Pass		8	3
Pass	184	4	Pass		216	5	Pass	<LOD		8
Pass	173	4	Pass		215	5	Pass		12	3
Pass	73	2	Pass		228	4	Pass	<LOD		7
Pass	76	2	Pass		239	4	Pass	<LOD		7
Pass	81	2	Pass		245	4	Pass		9	3
Pass	86	2	Pass		253	4	Pass	<LOD		7
Pass	83	2	Pass		260	4	Pass		11	3
Pass	76	2	Pass		248	4	Pass	<LOD		7
Pass	207	4	Pass		216	5	Pass		9	3
Pass	197	4	Pass		224	5	Pass	<LOD		8
Pass	201	4	Pass		220	5	Pass	<LOD		8
Pass	384	6	Pass		101	4	Pass	<LOD		8
Pass	388	6	Pass		107	4	Pass	<LOD		8
Pass	401	6	Pass		103	4	Pass		9	3

Pass	254	4	Pass		114	4	Pass	<LOD		8
Pass	253	4	Pass		135	4	Pass	<LOD		8
Pass	274	5	Pass		134	4	Pass		11	3
Pass	429	7	Pass		145	5	Pass	<LOD		9
Pass	447	7	Pass		142	5	Pass	<LOD		9
Pass	430	7	Pass		176	5	Pass	<LOD		9
Pass	164	3	Pass		234	5	Pass		9	3
Pass	179	4	Pass		226	5	Pass		11	3
Pass	163	3	Pass		236	5	Pass	<LOD		8
Pass	90	2	Pass		330	5	Pass		10	2
Pass	88	2	Pass		322	5	Pass	<LOD		7
Pass	92	2	Pass		328	5	Pass		10	2
Pass	364	6	Pass		16	3	Pass	<LOD		8
Pass	278	5	Pass	<LOD		9		<LOD		8
Pass	286	5	Pass	<LOD		9		<LOD		8
Pass	798	11	Pass	<LOD		13		<LOD		9
Pass	804	11	Pass	<LOD		13		<LOD		9
Pass	816	11	Pass	<LOD		13			13	3

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass	<LOD	34		<LOD	41		<LOD	67
	<LOD	30		50	12	Pass	<LOD	61
Pass	<LOD	34		<LOD	41		<LOD	67
	<LOD	32		<LOD	39		<LOD	66
	<LOD	32		<LOD	39		<LOD	66
	<LOD	31		<LOD	39		<LOD	64
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	37		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	32		<LOD	39		<LOD	66
	<LOD	32		<LOD	40		<LOD	66
Pass	<LOD	35		<LOD	43		<LOD	72
	<LOD	34		<LOD	42		<LOD	69
	<LOD	35		<LOD	43		<LOD	71
	<LOD	34		<LOD	42		<LOD	70
	<LOD	34		<LOD	42		<LOD	70
	<LOD	34		<LOD	42		<LOD	70
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	30		<LOD	37		<LOD	60
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	58
	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	56
Pass	<LOD	29		<LOD	36		<LOD	58
	<LOD	36		<LOD	44		<LOD	73
Pass	<LOD	37		<LOD	45		<LOD	74
	<LOD	37		<LOD	45		78	24

	<LOD	33	<LOD	40		<LOD		68
	<LOD	33	<LOD	40		<LOD		67
	<LOD	33	<LOD	40		<LOD		67
	<LOD	35	<LOD	42		<LOD		70
	<LOD	34	<LOD	42		<LOD		70
	<LOD	35	<LOD	43		<LOD		71
	<LOD	35	<LOD	43			89	24
	<LOD	35	<LOD	42		<LOD		70
Pass	<LOD	36	<LOD	44		<LOD		72
	<LOD	35	<LOD	42		<LOD		70
	<LOD	35	<LOD	43			75	24
	<LOD	35	<LOD	43		<LOD		71
	<LOD	34	<LOD	42		<LOD		71
	<LOD	35	<LOD	43		<LOD		72
	<LOD	35	<LOD	43			80	24
	<LOD	36	<LOD	44		<LOD		73
	<LOD	36	<LOD	44		<LOD		73
	<LOD	36	<LOD	43		<LOD		71
	<LOD	36	<LOD	43		<LOD		73
	<LOD	37	<LOD	44			80	25
	<LOD	37	<LOD	45		<LOD		75
	<LOD	28	<LOD	35		<LOD		57
	<LOD	28	<LOD	35		<LOD		57
Pass	<LOD	28	<LOD	35		<LOD		57
Pass	<LOD	30	<LOD	37		<LOD		61
Pass	<LOD	30	<LOD	37		<LOD		61
	<LOD	30	<LOD	37		<LOD		61
	<LOD	31	<LOD	38		<LOD		64
	<LOD	31	<LOD	38		<LOD		64
	<LOD	32	<LOD	40		<LOD		66
	<LOD	32	<LOD	40		<LOD		66
	<LOD	32	<LOD	40		<LOD		66
	<LOD	32	<LOD	39		<LOD		65
	<LOD	30	<LOD	38		<LOD		62
	<LOD	31	<LOD	38		<LOD		62
	<LOD	31	<LOD	38		<LOD		62
Pass	<LOD	32		41	13	Pass	<LOD	64
	<LOD	32	<LOD	39		<LOD		63
Pass	<LOD	32	<LOD	39		<LOD		64
	<LOD	28	<LOD	34		<LOD		56
	<LOD	28	<LOD	34		<LOD		56
Pass	<LOD	29	<LOD	35		<LOD		55
	<LOD	28	<LOD	35		<LOD		57
Pass	<LOD	29	<LOD	36		<LOD		58
	<LOD	28	<LOD	35		<LOD		56
Pass	<LOD	31	<LOD	38		<LOD		62
	<LOD	31	<LOD	37		<LOD		62
	<LOD	30	<LOD	37		<LOD		61
	<LOD	32	<LOD	40			66	22
	<LOD	32	<LOD	40		<LOD		66
Pass	<LOD	33	<LOD	40		<LOD		67

	<LOD	32	<LOD	39	<LOD	64
	<LOD	32	<LOD	39	<LOD	64
Pass	<LOD	32	<LOD	39	<LOD	63
	<LOD	34	<LOD	41	75	23
	<LOD	34	<LOD	41	<LOD	69
	<LOD	34	<LOD	41	<LOD	68
Pass	<LOD	30	<LOD	37	<LOD	60
Pass	<LOD	31	<LOD	37	<LOD	61
	<LOD	30	<LOD	37	<LOD	60
Pass	<LOD	28	<LOD	34	<LOD	56
	<LOD	28	<LOD	34	<LOD	56
Pass	<LOD	28	<LOD	34	<LOD	56
	<LOD	32	<LOD	40	<LOD	66
	<LOD	31	<LOD	38	<LOD	64
	<LOD	31	<LOD	39	<LOD	64
	<LOD	37	<LOD	45	127	25
	<LOD	36	<LOD	44	<LOD	73
Pass	<LOD	37	<LOD	45	<LOD	76

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	70		NA			874	237
	<LOD	65		NA			1061	192
	<LOD	71		NA			824	233
	<LOD	69		NA			12994	441
	<LOD	69		NA			12130	431
	<LOD	67		NA			8458	370
	<LOD	63		NA			3919	252
	<LOD	63		NA			2843	239
	<LOD	63		NA			3501	247
	<LOD	63		NA			3362	242
	<LOD	63		NA			3415	244
	<LOD	62		NA			3458	242
	<LOD	61		NA			1121	189
	<LOD	61		NA			1147	188
	<LOD	62		NA			1150	190
	<LOD	61		NA			2186	224
	<LOD	62		NA			2099	225
	<LOD	61		NA			2482	229
	<LOD	68		NA			17815	495
	<LOD	69		NA			20040	528
	<LOD	69		NA			18920	516
	<LOD	76		NA			48250	938
	<LOD	73		NA			40991	831
	<LOD	75		NA			46231	906
	<LOD	74		NA			18986	558
	<LOD	74		NA			28043	683
	<LOD	73		NA			22084	599
	<LOD	65		NA			14381	429
	<LOD	65		NA			14830	431
	<LOD	64		NA			13202	411
	<LOD	65		NA			14170	420
	<LOD	65		NA			15300	436
	<LOD	65		NA			13818	414
	<LOD	63		NA			10709	367
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	<LOD	62		NA			4163	266
	<LOD	62		NA			4840	279
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	<LOD	58		NA			6136	281
	<LOD	60		NA			6624	299
	<LOD	76		NA			71582	1250
	<LOD	77		NA			77479	1341
Pass	<LOD	77		NA			75627	1332

	<LOD	71	NA	34992	733
	<LOD	70	NA	36630	758
	<LOD	70	NA	33535	717
	<LOD	74	NA	47542	924
	<LOD	73	NA	42815	860
	<LOD	75	NA	47514	929
Pass	<LOD	74	NA	44320	901
	<LOD	74	NA	46550	921
	<LOD	76	NA	43700	900
	<LOD	73	NA	41648	853
Pass	<LOD	75	NA	42004	871
	<LOD	74	NA	43002	885
	<LOD	74	NA	42891	864
	<LOD	75	NA	42598	870
Pass	<LOD	75	NA	42179	867
	<LOD	76	NA	60549	1128
	<LOD	77	NA	60470	1124
	<LOD	74	NA	58127	1080
	<LOD	76	NA	83177	1386
Pass	<LOD	77	NA	83750	1405
	<LOD	79	NA	87444	1462
	<LOD	60	NA	1891	203
	<LOD	59	NA	2061	209
	<LOD	60	NA	1999	205
	<LOD	64	NA	10465	366
	<LOD	64	NA	10763	371
	<LOD	64	NA	10458	369
	<LOD	68	NA	10037	381
	<LOD	68	NA	12927	422
	<LOD	69	NA	11018	400
	<LOD	69	NA	20159	536
	<LOD	69	NA	20819	542
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	<LOD	65	NA	2008	216
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	<LOD	65	NA	1250	206
	<LOD	67	NA	11056	402
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	<LOD	67	NA	9700	377
	<LOD	58	NA	1967	207
	<LOD	58	NA	1820	204
	<LOD	57	NA	2206	216
	<LOD	60	NA	1984	211
	<LOD	61	NA	2402	221
	<LOD	59	NA	1934	205
	<LOD	65	NA	10318	376
	<LOD	65	NA	10531	378
	<LOD	64	NA	9641	363
Pass	<LOD	69	NA	27865	636
	<LOD	68	NA	28168	639
	<LOD	70	NA	27334	638

	<LOD	67	NA	17541	498
	<LOD	67	NA	18201	508
	<LOD	65	NA	17014	503
Pass	<LOD	71	NA	30630	700
	<LOD	72	NA	34716	756
	<LOD	72	NA	30280	699
	<LOD	62	NA	6917	323
	<LOD	63	NA	9272	367
	<LOD	62	NA	7099	330
	<LOD	58	NA	1655	190
	<LOD	58	NA	1785	191
	<LOD	59	NA	2348	205
	<LOD	70	NA	45233	834
	<LOD	67	NA	37768	722
	<LOD	67	NA	39670	744
Pass	<LOD	78	NA	83479	1411
	<LOD	77	NA	86142	1420
	<LOD	80	NA	86524	1451

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass		81 16	Pass		51 17	Pass	5617	64
Pass	<LOD	19		<LOD	22		1150	17
Pass		57 15	Pass	<LOD	49		5508	63
Pass	<LOD	18			19 6	Pass	621	13
Pass	<LOD	17		<LOD	18		607	12
Pass	<LOD	17		<LOD	17		594	12
Pass	<LOD	12		<LOD	11		234	7
Pass	<LOD	12		<LOD	12		246	7
Pass	<LOD	11		<LOD	11		213	7
Pass	<LOD	12		<LOD	11		221	7
Pass	<LOD	12		<LOD	12		221	7
Pass	<LOD	12		<LOD	11		211	6
Pass	<LOD	11		<LOD	10		101	5
Pass	<LOD	10		<LOD	9		109	5
Pass	<LOD	11		<LOD	9		113	5
Pass	<LOD	13		<LOD	13		292	8
Pass	<LOD	13		<LOD	13		332	8
Pass	<LOD	12		<LOD	13		319	8
Pass	<LOD	16		<LOD	16		475	11
Pass	<LOD	16		<LOD	16		476	11
Pass	<LOD	15		<LOD	16		486	11
Pass	<LOD	20		<LOD	21		780	16
Pass	<LOD	20		<LOD	21		815	16
Pass	<LOD	20		<LOD	22		813	16
Pass	<LOD	27			39 11	Pass	2060	29
Pass	<LOD	27		<LOD	32		2092	30
Pass	<LOD	26		<LOD	31		2093	29
Pass	<LOD	15		<LOD	17		659	12
Pass	<LOD	15		<LOD	17		678	12
Pass	<LOD	15		<LOD	17		654	12
Pass	<LOD	15		<LOD	17		701	13
Pass	<LOD	16		<LOD	17		662	12
Pass	<LOD	16		<LOD	17		666	12
Pass	<LOD	16		<LOD	18		847	14
Pass	<LOD	16		<LOD	19		851	14
Pass	<LOD	17		<LOD	19		858	14
Pass	<LOD	14		<LOD	15		463	10
Pass	<LOD	14		<LOD	15		450	10
Pass	<LOD	14		<LOD	15		467	10
Pass	<LOD	17		<LOD	19		1002	15
Pass	<LOD	17		<LOD	20		968	15
Pass	<LOD	17			23 7	Pass	1005	15
Pass	<LOD	16		<LOD	17		833	13
Pass	<LOD	16			19 6	Pass	814	13
Pass	<LOD	16		<LOD	18		845	14
Pass	<LOD	21		<LOD	23		802	16
Pass	<LOD	22		<LOD	23		822	17
Pass	<LOD	22		<LOD	23		815	17

Pass	<LOD	20	<LOD		21		949	17
Pass	<LOD	20	<LOD		22		977	17
Pass	<LOD	20	<LOD		21		920	16
Pass	<LOD	22	<LOD		23		995	18
Pass	<LOD	21	<LOD		23		1107	19
Pass	<LOD	22	<LOD		24		1054	19
Pass	<LOD	22	<LOD		23		884	17
Pass	<LOD	21	<LOD		22		898	17
Pass	<LOD	21	<LOD		23		890	17
Pass	<LOD	21	<LOD		22		885	17
Pass	<LOD	22	<LOD		23		904	17
Pass	<LOD	21	<LOD		23		891	17
Pass	<LOD	23	<LOD		26		1252	21
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Pass	<LOD	23	<LOD		26		1267	21
Pass	<LOD	22	<LOD		24		980	19
Pass	<LOD	21	<LOD		23		926	18
Pass	<LOD	22	<LOD		23		926	18
Pass	<LOD	19	<LOD		20		583	14
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Pass	<LOD	20	<LOD		21		577	14
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Pass	<LOD	12	<LOD		13		397	9
Pass	<LOD	12	<LOD		13		392	9
Pass	<LOD	16	<LOD		18		772	13
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Pass	<LOD	16	<LOD		18		797	14
Pass	<LOD	20	<LOD		23		1350	20
Pass	<LOD	20		31	8	Pass	1295	19
Pass	<LOD	20	<LOD		24		1348	20
Pass	<LOD	19	<LOD		21		955	16
Pass	<LOD	19	<LOD		21		1002	17
Pass	<LOD	18	<LOD		21		975	16
Pass	<LOD	19	<LOD		22		1245	18
Pass	<LOD	20	<LOD		23		1394	20
Pass	<LOD	18	<LOD		22		1224	18
Pass	<LOD	21	<LOD		25		1565	22
Pass	<LOD	21	<LOD		25		1519	22
Pass	<LOD	21	<LOD		24		1422	21
Pass	<LOD	14		19	5	Pass	672	12
Pass	<LOD	15		24	6	Pass	640	11
Pass	<LOD	14	<LOD		16		620	11
Pass	<LOD	14	<LOD		16		618	11
Pass	<LOD	15	<LOD		16		599	11
Pass	<LOD	14	<LOD		15		585	11
Pass	<LOD	18	<LOD		19		868	15
Pass	<LOD	17	<LOD		19		882	15
Pass	<LOD	17	<LOD		19		832	14
Pass	<LOD	20	<LOD		21		952	16
Pass	<LOD	19	<LOD		21		942	16
Pass	<LOD	20	<LOD		22		955	17

Pass	<LOD	21	<LOD		24		1251	19
Pass	<LOD	21	<LOD		24		1266	19
Pass	<LOD	21	<LOD		25		1343	21
Pass	<LOD	22	<LOD		24		1267	20
Pass	<LOD	22	<LOD		25		1245	20
Pass	<LOD	22	<LOD		25		1227	20
Pass	<LOD	18		21	7	Pass	1057	16
Pass	<LOD	18	<LOD		21		1058	17
Pass	<LOD	19	<LOD		21		1065	17
Pass	<LOD	12	<LOD		12		348	8
Pass	<LOD	12	<LOD		12		347	8
Pass	<LOD	12	<LOD		12		339	8
Pass	<LOD	19	<LOD		21		939	16
Pass	<LOD	16	<LOD		17		654	12
Pass	<LOD	16	<LOD		16		546	11
Pass	<LOD	24	<LOD		26		1117	21
Pass	<LOD	23	<LOD		25		1061	20
Pass	<LOD	24	<LOD		27		1105	21

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019813			221			47.88	
Pass							55.02	testing
Pass							54.68	testing
Pass							55.06	testing
Pass							54.83	testing
Pass							54.78	testing
Pass							54.58	testing
Pass							53.22	testing
Pass							53.12	testing
Pass							53.23	testing
Pass							53.05	testing
Pass							52.88	testing
Pass							53.21	testing
Pass							52.3	testing
Pass							51.94	testing
Pass							51.81	testing
Pass							54.35	testing
Pass							53.72	testing
Pass							53.54	testing
Pass							54.31	testing
Pass							54.44	testing
Pass							54.6	testing
Pass							56.33	testing
Pass							55.91	testing
Pass							55.77	testing
Pass							55.98	testing
Pass							55.85	testing
Pass							55.59	testing
Pass							54.75	testing
Pass							54.68	testing
Pass							54.38	testing
Pass							54.17	testing
Pass							54.23	testing
Pass							55.01	testing
Pass							53.69	testing
Pass							53.99	testing
Pass							53.57	testing
Pass							54.77	testing
Pass							54.61	testing
Pass							54.95	testing
	0.019809			225			47.26	
Pass							53.95	testing
Pass							54.19	testing
Pass							54.43	testing
Pass							54.1	testing
Pass							53.86	testing
Pass							54.75	testing
Pass							58.33	testing
Pass							58.74	testing
Pass							58.48	testing

Pass	55.65	testing
Pass	55.76	testing
Pass	55.45	testing
Pass	56.79	testing
Pass	56.18	testing
Pass	56.26	testing
Pass	56.87	testing
Pass	57.15	testing
Pass	57.25	testing
Pass	56.67	testing
Pass	57.25	testing
Pass	57.25	testing
Pass	55.93	testing
Pass	56.14	testing
Pass	55.98	testing
Pass	57.81	testing
Pass	59.03	testing
Pass	57.8	testing
Pass	57.59	testing
Pass	57.72	testing
Pass	57.57	testing
Pass	53.64	testing
Pass	53.66	testing
Pass	53.7	testing
Pass	54.02	testing
Pass	54.48	testing
Pass	54.8	testing
Pass	54.43	testing
Pass	54.93	testing
Pass	55.06	testing
Pass	55.4	testing
Pass	55.69	testing
Pass	55.43	testing
Pass	54.97	testing
Pass	55.47	testing
Pass	55.85	testing
Pass	56.36	testing
Pass	56.26	testing
Pass	57.03	testing
Pass	54.2	testing
Pass	54.75	testing
Pass	55.72	testing
Pass	53.9	testing
Pass	54	testing
Pass	54.04	testing
Pass	54.36	testing
Pass	54.49	testing
Pass	55.22	testing
Pass	56.66	testing
Pass	55.56	testing
Pass	56.1	testing

Pass	55.76	testing
Pass	55.73	testing
Pass	56.88	testing
Pass	55.92	testing
Pass	55.75	testing
Pass	55.77	testing
Pass	55.73	testing
Pass	56.41	testing
Pass	55.84	testing
Pass	53.72	testing
Pass	52.97	testing
Pass	53.15	testing
Pass	55	testing
Pass	54.24	testing
Pass	54.51	testing
Pass	57.75	testing
Pass	58.78	testing
Pass	57.7	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
20-Aug-08	1			-0.018781			PASS	Standardiz
20-Aug-08	2				NIST2709	low		Soil
20-Aug-08	3				NIST2711	medium		Soil
20-Aug-08	4				NIST2710	high		Soil
20-Aug-08	5				5005	F1		Soil
20-Aug-08	6				5005	F1		Soil
20-Aug-08	7				5005	F1		Soil
20-Aug-08	8				5005	F2		Soil
20-Aug-08	9				5005	F2		Soil
20-Aug-08	10				5005	F1		Soil
20-Aug-08	11				5005	B1		Soil
20-Aug-08	12				5005	B1		Soil
20-Aug-08	13				5005	B1		Soil
20-Aug-08	14				5005	B2		Soil
20-Aug-08	15				5005	B2		Soil
20-Aug-08	16				5005	B2		Soil
20-Aug-08	17				5005	DZ		Soil
20-Aug-08	18				5005	DZ		Soil
20-Aug-08	19				5005	DZ		Soil
20-Aug-08	20				5005	GZ		Soil
20-Aug-08	21				5005	GZ		Soil
20-Aug-08	22				5005	GZ		Soil
20-Aug-08	23				5005	PZ		Soil
20-Aug-08	24				5005	PZ		Soil
20-Aug-08	25				5005	PZ		Soil
20-Aug-08	26				5008	F1		Soil
20-Aug-08	27				5008	F1		Soil
20-Aug-08	28				5008	F1		Soil
20-Aug-08	29				5005	F2		Soil
20-Aug-08	30				5008	F2		Soil
20-Aug-08	31				5008	F2		Soil
20-Aug-08	32				5008	B1		Soil
20-Aug-08	33				5008	B1		Soil
20-Aug-08	34				5008	B1		Soil
20-Aug-08	35				5008	B2		Soil
20-Aug-08	36				5008	B2		Soil
20-Aug-08	37				5008	B2		Soil
20-Aug-08	38				5008	DZ		Soil
20-Aug-08	39				5008	DZ		Soil
20-Aug-08	40				5008	DZ		Soil
20-Aug-08	41				30667	F1		Soil
20-Aug-08	42			-0.01821			PASS	Standardiz
20-Aug-08	43				30667	F1		Soil
20-Aug-08	44				30667	F1		Soil
20-Aug-08	45				30667	F2		Soil
20-Aug-08	46				30667	F2		Soil
20-Aug-08	47				30667	F2		Soil
20-Aug-08	48				30667	DZ		Soil
20-Aug-08	49				30667	DZ		Soil
20-Aug-08	50				30667	DZ		Soil

20-Aug-08	51	30305	F1	Soil
20-Aug-08	52	30305	F1	Soil
20-Aug-08	53	30305	F1	Soil
20-Aug-08	54	30305	F2	Soil
20-Aug-08	55	30305	F2	Soil
20-Aug-08	56	30305	F2	Soil
20-Aug-08	57	30305	B1	Soil
20-Aug-08	58	30305	B1	Soil
20-Aug-08	59	30305	B1	Soil
20-Aug-08	60	30305	B2	Soil
20-Aug-08	61	30305	B2	Soil
20-Aug-08	62	30305	B2	Soil
20-Aug-08	63	30305	DZ	Soil
20-Aug-08	64	30305	DZ	Soil
20-Aug-08	65	30305	DZ	Soil
20-Aug-08	66	20331	F1-10 sieve	Soil
20-Aug-08	67	20331	F1-10 sieve	Soil
20-Aug-08	68	20331	F1-10 sieve	Soil
20-Aug-08	69	20331	F1-60 sieve	Soil
20-Aug-08	70	20331	F1-60 sieve	Soil
20-Aug-08	71	20331	F1-60 sieve	Soil
20-Aug-08	72	30331	F2	Soil
20-Aug-08	73	20331	F2	Soil
20-Aug-08	74	20331	F2	Soil
20-Aug-08	75	20331	B1	Soil
20-Aug-08	76	20331	B1	Soil
20-Aug-08	77	20331	B1	Soil
20-Aug-08	78	20331	B2-10 sieve	Soil
20-Aug-08	79	20331	B2-10 sieve	Soil
20-Aug-08	80	20331	B2-10 sieve	Soil
20-Aug-08	81	20331	B2-60 sieve	Soil
20-Aug-08	82	20331	B2-60 sieve	Soil
20-Aug-08	83	20331	B2-60 sieve	Soil
20-Aug-08	84	20331	DZ	Soil
20-Aug-08	85	20331	DZ	Soil
20-Aug-08	86	20331	DZ	Soil
20-Aug-08	87	20331	DW	Soil
20-Aug-08	88	20331	DW	Soil
20-Aug-08	89	20331	DW	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
10:28:24								
10:30:04				<LOD		0	NA	
10:38:14				<LOD		0	NA	
10:40:29				<LOD		0	NA	
10:42:54	shot 1			<LOD		0	NA	
10:44:58	shot 2			<LOD		0	NA	
10:47:02	shot 3			<LOD		0	NA	
11:57:46	shot 1			<LOD		0	NA	
12:00:02	shot 2			<LOD		0	NA	
12:05:41	shot 3			<LOD		0	NA	
12:08:07	shot 1			<LOD		0	NA	
12:10:13	shot 2			<LOD		0	NA	
12:12:32	shot 3			<LOD		0	NA	
12:15:29	shot 1			<LOD		0	NA	
12:17:37	shot 2			<LOD		0	NA	
12:20:02	shot 3			<LOD		0	NA	
12:56:09	shot 1			<LOD		0	NA	
12:58:21	shot 2			<LOD		0	NA	
13:01:23	shot 3			<LOD		0	NA	
13:09:47	shot 1			<LOD		0	NA	
13:12:01	shot 2			<LOD		0	NA	
13:14:18	shot 3			<LOD		0	NA	
13:18:27	shot 1			<LOD		0	NA	
13:20:42	shot 2			<LOD		0	NA	
13:23:04	shot 3			<LOD		0	NA	
13:30:15	shot 1			<LOD		0	NA	
13:32:38	shot 2			<LOD		0	NA	
13:34:56	shot 3			<LOD		0	NA	
13:37:37	shot 1			<LOD		0	NA	
13:40:41	shot 2			<LOD		0	NA	
13:42:59	shot 3			<LOD		0	NA	
13:45:24	shot 1			<LOD		0	NA	
13:47:41	shot 2			<LOD		0	NA	
13:50:07	shot 3			<LOD		0	NA	
13:52:22	shot 1			<LOD		0	NA	
13:54:44	shot 2			<LOD		0	NA	
13:57:39	shot 3			<LOD		0	NA	
14:00:39	shot 1			<LOD		0	NA	
14:04:25	shot 2			<LOD		0	NA	
14:06:42	shot 3			<LOD		0	NA	
14:42:34	shot 1			<LOD		0	NA	
14:45:01								
14:46:26	shot 2			<LOD		0	NA	
14:48:54	shot 3			<LOD		0	NA	
14:51:07	shot 1			<LOD		0	NA	
14:53:17	shot 2			<LOD		0	NA	
14:55:30	shot 3			<LOD		0	NA	
14:57:48	shot 1			<LOD		0	NA	
15:00:10	shot 2			<LOD		0	NA	
15:02:23	shot 3			<LOD		0	NA	

15:08:44	shot 1	<LOD	0	NA
15:11:29	shot 2	<LOD	0	NA
15:13:54	shot 3	<LOD	0	NA
15:16:11	shot 1	<LOD	0	NA
15:18:45	shot 2	<LOD	0	NA
15:20:55	shot 3	<LOD	0	NA
15:23:25	shot 1	<LOD	0	NA
15:25:59	shot 2	<LOD	0	NA
15:29:30	shot 3	<LOD	0	NA
15:31:55	shot 1	<LOD	0	NA
15:34:18	shot 2	<LOD	0	NA
15:36:44	shot 3	<LOD	0	NA
15:39:16	shot 1	<LOD	0	NA
15:41:50	shot 2	<LOD	0	NA
15:44:16	shot 3	<LOD	0	NA
15:49:37	shot 1	<LOD	0	NA
15:52:06	shot 2	<LOD	0	NA
15:54:33	shot 3	<LOD	0	NA
15:56:54	shot 1	<LOD	0	NA
15:59:13	shot 2	<LOD	0	NA
16:01:53	shot 3	<LOD	0	NA
16:05:24	shot 1	<LOD	0	NA
16:08:29	shot 2	<LOD	0	NA
16:10:40	shot 3	<LOD	0	NA
16:13:09	shot 1	<LOD	0	NA
16:15:57	shot 2	<LOD	0	NA
16:18:04	shot 3	<LOD	0	NA
16:21:32	shot 1	<LOD	0	NA
16:25:10	shot 2	<LOD	0	NA
16:27:48	shot 3	<LOD	0	NA
16:31:14	shot 1	<LOD	0	NA
16:33:45	shot 2	<LOD	0	NA
16:36:24	shot 3	<LOD	0	NA
16:39:43	shot 1	<LOD	0	NA
16:44:50	shot 2	<LOD	0	NA
16:47:04	shot 3	<LOD	0	NA
16:49:28	shot 1	<LOD	0	NA
16:51:41	shot 2	<LOD	0	NA
16:53:55	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
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	NA			NA			NA	
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K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3055	315	Pass	134	35
	NA			2941	307	Pass	<LOD	91
	NA			2598	371	Pass	<LOD	129
	NA			4571	297	Pass	108	28
	NA			4108	296	Pass	102	28
	NA			4449	299	Pass	<LOD	81
	NA			5017	305	Pass	123	29
	NA			4359	297	Pass	<LOD	83
	NA			4306	292	Pass	84	28
	NA			4458	301	Pass	87	28
	NA			4485	302	Pass	<LOD	80
	NA			4938	316	Pass	91	29
	NA			4839	302	Pass	<LOD	82
	NA			5051	307	Pass	128	30
	NA			3908	289	Pass	<LOD	82
	NA			4260	298	Pass	<LOD	82
	NA			4493	300	Pass	<LOD	81
	NA			4229	302	Pass	101	29
	NA			4453	359	Pass	140	34
	NA			3576	350	Pass	<LOD	96
	NA			3570	357	Pass	125	34
	NA			4525	301	Pass	<LOD	81
	NA			4263	304	Pass	<LOD	85
	NA			4039	291	Pass	<LOD	81
	NA			3949	317	Pass	98	31
	NA			3087	305	Pass	<LOD	90
	NA			3513	311	Pass	<LOD	88
	NA			3943	310	Pass	<LOD	87
	NA			3507	303	Pass	<LOD	86
	NA			3643	303	Pass	<LOD	89
	NA			4191	318	Pass	<LOD	88
	NA			4500	318	Pass	93	30
	NA			3560	319	Pass	<LOD	90
	NA			3670	303	Pass	<LOD	89
	NA			3593	316	Pass	98	31
	NA			4223	314	Pass	98	31
	NA			3848	298	Pass	<LOD	84
	NA			3412	300	Pass	<LOD	87
	NA			3832	301	Pass	<LOD	87
	NA			3094	371	Pass	<LOD	102
	NA			4191	376	Pass	104	34
	NA			3785	397	Pass	<LOD	105
	NA			4582	318	Pass	<LOD	82
	NA			4137	315	Pass	<LOD	85
	NA			4272	318	Pass	<LOD	85
	NA			4149	328	Pass	<LOD	84
	NA			4384	320	Pass	92	30
	NA			3893	307	Pass	<LOD	85

NA	2843	468	Pass		140	46
NA	3499	467	Pass		169	47
NA	3562	474	Pass	<LOD		135
NA	2855	411	Pass		143	39
NA	2493	394	Pass		175	39
NA	2156	400	Pass		160	40
NA	4607	561	Pass		240	52
NA	2711	557	Pass		214	52
NA	3136	569	Pass		256	53
NA	4159	473	Pass		149	43
NA	3547	489	Pass		180	46
NA	3827	488	Pass		164	45
NA	4291	379	Pass		175	38
NA	3703	379	Pass	<LOD		106
NA	3509	368	Pass		116	36
NA	3056	381	Pass	<LOD		109
NA	4129	387	Pass	<LOD		109
NA	3949	386	Pass	<LOD		110
NA	3203	371	Pass	<LOD		108
NA	3909	388	Pass		133	37
NA	3539	358	Pass		117	35
NA	2812	464	Pass		197	46
NA	2301	461	Pass		159	46
NA	2705	459	Pass		217	46
NA	3134	345	Pass		149	36
NA	3704	350	Pass		151	36
NA	3690	340	Pass	<LOD		100
NA	3246	348	Pass	<LOD		105
NA	3063	339	Pass		109	36
NA	2458	336	Pass	<LOD		106
NA	2962	336	Pass	<LOD		104
NA	2742	339	Pass		106	35
NA	2293	332	Pass	<LOD		105
NA	2914	340	Pass	<LOD		103
NA	3082	342	Pass		115	35
NA	3006	342	Pass		141	36
NA	2890	525	Pass	<LOD		140
NA	3184	493	Pass	<LOD		132
NA	3550	493	Pass		172	45

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	523	32	Pass	31764	314	Pass	<LOD	171
	505	32	Pass	25351	263	Pass	<LOD	153
	10435	160	Pass	38509	425	Pass	<LOD	208
Pass	394	25	Pass	11376	128	Pass	<LOD	98
Pass	352	24	Pass	11363	128	Pass	114	33
	358	24	Pass	11616	130	Pass	<LOD	99
Pass	256	23	Pass	14321	152	Pass	<LOD	109
	241	22	Pass	13994	151	Pass	<LOD	109
Pass	177	21	Pass	14174	151	Pass	<LOD	107
Pass	228	22	Pass	15341	161	Pass	<LOD	113
	204	21	Pass	14987	157	Pass	116	37
Pass	170	21	Pass	15395	163	Pass	<LOD	113
	124	20	Pass	16063	167	Pass	<LOD	114
Pass	150	21	Pass	16287	171	Pass	<LOD	117
	170	21	Pass	15867	166	Pass	<LOD	115
	306	24	Pass	14507	154	Pass	<LOD	109
	323	24	Pass	14479	154	Pass	<LOD	110
Pass	312	24	Pass	14346	153	Pass	<LOD	108
Pass	757	34	Pass	18144	188	Pass	<LOD	123
	675	32	Pass	17674	181	Pass	<LOD	121
Pass	717	33	Pass	18520	191	Pass	<LOD	125
	232	22	Pass	15451	163	Pass	<LOD	113
	229	22	Pass	15662	165	Pass	<LOD	114
	272	23	Pass	15021	157	Pass	<LOD	110
Pass	871	36	Pass	15717	171	Pass	<LOD	118
	710	32	Pass	15192	164	Pass	<LOD	113
	736	33	Pass	15369	166	Pass	<LOD	114
	724	33	Pass	18677	193	Pass	<LOD	126
	692	32	Pass	18348	191	Pass	<LOD	125
	721	33	Pass	19474	201	Pass	<LOD	128
	664	31	Pass	17240	179	Pass	<LOD	119
Pass	693	32	Pass	17692	183	Pass	<LOD	121
	674	32	Pass	16673	177	Pass	<LOD	119
	820	34	Pass	17495	183	Pass	<LOD	123
Pass	808	35	Pass	17869	187	Pass	<LOD	123
Pass	897	36	Pass	18010	189	Pass	<LOD	124
	866	35	Pass	16362	173	Pass	<LOD	118
	874	35	Pass	16965	180	Pass	<LOD	119
	890	35	Pass	16623	175	Pass	<LOD	118
	767	34	Pass	15927	170	Pass	<LOD	118
Pass	769	34	Pass	16147	170	Pass	<LOD	115
	879	36	Pass	16719	180	Pass	<LOD	120
	894	34	Pass	12983	141	Pass	<LOD	103
	837	33	Pass	12841	140	Pass	<LOD	102
	825	33	Pass	13198	144	Pass	<LOD	105
	1087	38	Pass	13287	147	Pass	<LOD	106
Pass	952	36	Pass	12671	142	Pass	<LOD	104
	945	35	Pass	12101	136	Pass	<LOD	99

Pass	735	41	Pass	51951	508	Pass	<LOD	223
Pass	742	42	Pass	54205	535	Pass	<LOD	232
	813	42	Pass	52207	509	Pass	<LOD	222
Pass	542	33	Pass	21270	226	Pass	<LOD	139
Pass	564	33	Pass	20849	223	Pass	<LOD	140
Pass	647	35	Pass	21492	229	Pass	<LOD	141
Pass	911	44	Pass	38712	396	Pass	<LOD	196
Pass	849	43	Pass	40351	413	Pass	<LOD	201
Pass	870	44	Pass	39451	405	Pass	<LOD	198
Pass	848	40	Pass	30916	312	Pass	<LOD	168
Pass	873	41	Pass	32376	332	Pass	<LOD	175
Pass	816	39	Pass	31823	320	Pass	<LOD	170
Pass	781	37	Pass	27679	277	Pass	<LOD	157
	796	37	Pass	28820	286	Pass	<LOD	160
Pass	836	37	Pass	28107	279	Pass	<LOD	158
	718	36	Pass	29153	293	Pass	<LOD	162
	830	38	Pass	30507	303	Pass	<LOD	165
	622	35	Pass	29540	297	Pass	<LOD	165
	543	32	Pass	25665	258	Pass	<LOD	151
Pass	630	34	Pass	25623	261	Pass	<LOD	151
Pass	693	35	Pass	26131	262	Pass	<LOD	150
Pass	558	37	Pass	39587	396	Pass	<LOD	192
Pass	581	38	Pass	41145	410	Pass	<LOD	199
Pass	597	38	Pass	39793	400	Pass	<LOD	194
Pass	512	32	Pass	26447	266	Pass	<LOD	152
Pass	618	33	Pass	25892	260	Pass	<LOD	149
	561	32	Pass	25797	259	Pass	<LOD	151
	513	33	Pass	33362	330	Pass	<LOD	171
Pass	413	31	Pass	33062	326	Pass	<LOD	171
	512	33	Pass	35190	344	Pass	<LOD	179
	536	33	Pass	29936	298	Pass	<LOD	162
Pass	482	32	Pass	30015	299	Pass	<LOD	163
	529	33	Pass	29033	292	Pass	<LOD	161
	456	31	Pass	27210	272	Pass	<LOD	155
Pass	506	32	Pass	27900	279	Pass	<LOD	157
Pass	593	33	Pass	28599	282	Pass	<LOD	158
	603	37	Pass	27561	289	Pass	<LOD	159
	719	38	Pass	26435	279	Pass	<LOD	159
Pass	686	38	Pass	27131	286	Pass	<LOD	162

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	67	12	Pass	<LOD	20		95	5
	33	10	Pass	108	9	Pass	315	9
	<LOD	39		3068	46	Pass	7029	81
	28	8	Pass	23	6	Pass	68	4
Pass	<LOD	24		<LOD	18		73	4
	<LOD	25		<LOD	18		83	5
	<LOD	26		<LOD	18		66	4
	<LOD	25		25	6	Pass	64	4
	<LOD	25		23	6	Pass	66	4
	<LOD	26		26	6	Pass	122	5
Pass	<LOD	26		<LOD	18		111	5
	<LOD	26		31	7	Pass	112	5
	<LOD	25		22	6	Pass	63	4
	<LOD	26		21	6	Pass	59	4
	<LOD	25		<LOD	18		58	4
	<LOD	26		<LOD	18		98	5
	<LOD	26		19	6	Pass	95	5
	26	9	Pass	19	6	Pass	99	5
	35	9	Pass	40	7	Pass	182	7
	35	9	Pass	22	6	Pass	180	6
	29	9	Pass	32	7	Pass	182	7
	<LOD	25		<LOD	18		120	5
	<LOD	26		<LOD	19		125	6
	<LOD	25		<LOD	18		116	5
	35	9	Pass	27	7	Pass	267	8
	28	9	Pass	25	7	Pass	255	8
	<LOD	26		35	7	Pass	234	7
	<LOD	27		37	7	Pass	198	7
	35	9	Pass	34	7	Pass	198	7
	38	9	Pass	40	7	Pass	215	7
	29	9	Pass	47	7	Pass	167	6
	<LOD	27		48	7	Pass	177	6
	<LOD	27		38	7	Pass	174	7
	49	10	Pass	30	7	Pass	245	8
	37	9	Pass	34	7	Pass	249	8
	<LOD	27		30	7	Pass	258	8
	<LOD	26		47	7	Pass	251	8
	<LOD	26		25	7	Pass	255	8
	<LOD	26		39	7	Pass	256	8
	<LOD	27		35	7	Pass	391	10
	<LOD	26		<LOD	18		387	9
	<LOD	27		27	7	Pass	395	10
	<LOD	23		27	6	Pass	250	7
	<LOD	23		32	6	Pass	264	8
	<LOD	23		24	6	Pass	274	8
	<LOD	24		<LOD	18		274	8
	<LOD	24		<LOD	18		271	8
	<LOD	24		<LOD	18		265	8

	85	14	Pass		28	8	Pass	663	14
<LOD		40			38	8	Pass	698	15
	63	13	Pass		36	8	Pass	678	14
<LOD		29			24	7	Pass	311	9
	36	10	Pass	<LOD		21		310	9
	31	10	Pass		24	7	Pass	320	9
	81	13	Pass		33	8	Pass	570	13
<LOD		37			36	8	Pass	561	13
	69	13	Pass		36	8	Pass	554	13
	49	11	Pass		24	7	Pass	393	10
<LOD		33			25	7	Pass	428	11
	48	11	Pass		39	8	Pass	401	10
	48	11	Pass		31	7	Pass	321	9
	43	11	Pass		31	7	Pass	359	10
	39	11	Pass		29	7	Pass	323	9
	40	11	Pass		32	7	Pass	178	7
	45	11	Pass		28	7	Pass	194	7
<LOD		32			40	8	Pass	201	7
	41	10	Pass		53	8	Pass	162	7
	54	11	Pass		37	7	Pass	160	7
	37	10	Pass		32	7	Pass	172	7
	71	12	Pass		581	16	Pass	408	11
<LOD		36			350	13	Pass	424	11
	64	12	Pass		533	16	Pass	418	11
	35	10	Pass	<LOD		20		175	7
	42	10	Pass		21	7	Pass	183	7
<LOD		30			28	7	Pass	179	7
	63	11	Pass		35	7	Pass	280	9
	60	11	Pass		30	7	Pass	283	9
	52	12	Pass		23	7	Pass	284	9
	50	11	Pass	<LOD		20		266	8
<LOD		31		<LOD		21		255	8
<LOD		31			25	7	Pass	247	8
	41	10	Pass		31	7	Pass	204	7
	37	10	Pass		22	7	Pass	211	7
<LOD		30			22	7	Pass	216	7
	67	11	Pass		30	8	Pass	542	12
	50	11	Pass		25	7	Pass	270	9
<LOD		32			31	8	Pass	556	13

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	16	2	Pass	<LOD	3		90	2
Pass	113	9	Pass	<LOD	5		106	3
Pass	705	24	Pass	<LOD	11		128	4
Pass	<LOD	8		<LOD	3		54	2
Pass	<LOD	8		<LOD	3		53	2
Pass	<LOD	8		<LOD	3		51	2
Pass	<LOD	7		<LOD	3		58	2
Pass	<LOD	7		<LOD	3		59	2
Pass	<LOD	7		<LOD	3		56	2
Pass	<LOD	9		<LOD	3		56	2
Pass	<LOD	10		<LOD	3		55	2
Pass	<LOD	10		<LOD	3		59	2
Pass	8	2	Pass	<LOD	3		64	2
Pass	<LOD	7		<LOD	3		64	2
Pass	<LOD	7		<LOD	3		65	2
Pass	<LOD	9		<LOD	3		58	2
Pass	<LOD	9		<LOD	3		57	2
Pass	<LOD	9		<LOD	3		59	2
Pass	<LOD	12		<LOD	3		60	2
Pass	14	4	Pass	<LOD	3		58	2
Pass	<LOD	12		<LOD	3		63	2
Pass	<LOD	10		<LOD	3		50	2
Pass	<LOD	10		<LOD	3		53	2
Pass	<LOD	9		<LOD	3		52	2
Pass	<LOD	21		<LOD	4		62	2
Pass	<LOD	20		<LOD	4		63	2
Pass	24	7	Pass	<LOD	4		67	2
Pass	<LOD	16		<LOD	4		61	2
Pass	24	6	Pass	<LOD	4		63	2
Pass	21	5	Pass	<LOD	4		61	2
Pass	<LOD	16		<LOD	4		69	2
Pass	<LOD	16		<LOD	4		68	2
Pass	<LOD	16		<LOD	4		68	2
Pass	<LOD	22		<LOD	4		71	2
Pass	26	7	Pass	<LOD	4		69	2
Pass	<LOD	23		<LOD	4		71	2
Pass	<LOD	20		<LOD	4		61	2
Pass	26	7	Pass	<LOD	4		67	2
Pass	<LOD	21		<LOD	4		63	2
Pass	<LOD	15		<LOD	3		50	2
Pass	<LOD	15		<LOD	3		53	2
Pass	20	5	Pass	<LOD	4		56	2
Pass	14	4	Pass	<LOD	3		58	2
Pass	<LOD	12		<LOD	3		57	2
Pass	<LOD	12		<LOD	3		59	2
Pass	<LOD	14		<LOD	3		51	2
Pass	<LOD	14		<LOD	3		52	2
Pass	<LOD	14		<LOD	3		50	2

Pass		22	5	Pass	<LOD	4	65	2
Pass		29	5	Pass	<LOD	4	68	2
Pass		27	5	Pass	<LOD	4	60	2
Pass	<LOD		13		<LOD	3	45	2
Pass		16	4	Pass	<LOD	3	45	2
Pass		15	4	Pass	<LOD	4	43	2
Pass	<LOD		14		<LOD	4	59	2
Pass		25	5	Pass	<LOD	4	56	2
Pass	<LOD		14		<LOD	4	60	2
Pass	<LOD		14		<LOD	4	67	2
Pass		19	5	Pass	<LOD	3	66	2
Pass	<LOD		14		<LOD	3	70	2
Pass		11	4	Pass	<LOD	3	71	2
Pass		13	4	Pass	<LOD	3	74	2
Pass		12	4	Pass	<LOD	3	70	2
Pass		44	10	Pass	<LOD	5	76	2
Pass		58	11	Pass	<LOD	5	72	2
Pass	<LOD		30		<LOD	5	73	2
Pass		28	9	Pass	<LOD	5	70	2
Pass		54	10	Pass	<LOD	5	70	2
Pass		36	9	Pass	<LOD	5	72	2
Pass		61	11	Pass	<LOD	6	69	2
Pass		46	11	Pass	<LOD	6	67	2
Pass		68	11	Pass	<LOD	5	67	2
Pass		24	7	Pass	<LOD	4	60	2
Pass		29	7	Pass	<LOD	4	63	2
Pass		26	7	Pass	<LOD	4	58	2
Pass		62	9	Pass	<LOD	5	61	2
Pass		35	9	Pass	<LOD	5	63	2
Pass		41	9	Pass	<LOD	5	62	2
Pass		32	9	Pass	<LOD	5	54	2
Pass		32	9	Pass	<LOD	5	54	2
Pass		30	9	Pass	<LOD	5	54	2
Pass	<LOD		24		<LOD	4	64	2
Pass	<LOD		25		<LOD	5	60	2
Pass		30	8	Pass	<LOD	5	65	2
Pass		38	9	Pass	<LOD	5	54	2
Pass		35	9	Pass	<LOD	5	59	2
Pass		36	9	Pass	<LOD	5	55	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	233	4	Pass	94	4	Pass	9	3
Pass	253	4	Pass	268	5	Pass	<LOD	8
Pass	336	6	Pass	51	4	Pass	19	3
Pass	88	2	Pass	692	8	Pass	<LOD	8
Pass	82	2	Pass	703	8	Pass	8	3
Pass	87	2	Pass	674	7	Pass	<LOD	8
Pass	81	2	Pass	592	7	Pass	<LOD	8
Pass	79	2	Pass	600	7	Pass	<LOD	8
Pass	82	2	Pass	591	7	Pass	<LOD	8
Pass	80	2	Pass	517	6	Pass	10	3
Pass	80	2	Pass	510	6	Pass	9	3
Pass	81	2	Pass	527	6	Pass	9	3
Pass	79	2	Pass	550	7	Pass	<LOD	8
Pass	82	2	Pass	572	7	Pass	<LOD	8
Pass	80	2	Pass	554	7	Pass	<LOD	8
Pass	85	2	Pass	483	6	Pass	<LOD	7
Pass	87	2	Pass	484	6	Pass	<LOD	8
Pass	87	2	Pass	497	6	Pass	10	3
Pass	106	2	Pass	416	6	Pass	<LOD	8
Pass	106	2	Pass	400	5	Pass	10	2
Pass	104	2	Pass	419	6	Pass	<LOD	8
Pass	77	2	Pass	546	7	Pass	10	3
Pass	80	2	Pass	579	7	Pass	9	3
Pass	76	2	Pass	560	7	Pass	<LOD	7
Pass	100	2	Pass	405	6	Pass	<LOD	8
Pass	96	2	Pass	393	5	Pass	<LOD	8
Pass	101	2	Pass	389	5	Pass	8	3
Pass	90	2	Pass	358	5	Pass	<LOD	7
Pass	89	2	Pass	379	5	Pass	<LOD	8
Pass	88	2	Pass	335	5	Pass	<LOD	8
Pass	94	2	Pass	488	6	Pass	<LOD	8
Pass	95	2	Pass	484	6	Pass	<LOD	8
Pass	88	2	Pass	484	6	Pass	<LOD	8
Pass	93	2	Pass	392	5	Pass	<LOD	8
Pass	97	2	Pass	401	6	Pass	<LOD	8
Pass	97	2	Pass	401	6	Pass	<LOD	8
Pass	88	2	Pass	401	5	Pass	9	3
Pass	88	2	Pass	416	6	Pass	<LOD	8
Pass	85	2	Pass	399	5	Pass	9	3
Pass	132	3	Pass	396	5	Pass	<LOD	8
Pass	134	3	Pass	397	5	Pass	<LOD	7
Pass	141	3	Pass	412	6	Pass	<LOD	8
Pass	107	2	Pass	485	6	Pass	11	3
Pass	106	2	Pass	469	6	Pass	12	3
Pass	113	3	Pass	467	6	Pass	15	3
Pass	107	3	Pass	536	7	Pass	18	3
Pass	109	3	Pass	525	6	Pass	21	3
Pass	103	2	Pass	518	6	Pass	13	3

Pass	108	3	Pass	151	4	Pass	<LOD	8
Pass	110	3	Pass	141	4	Pass	9	3
Pass	111	3	Pass	142	4	Pass	<LOD	8
Pass	145	3	Pass	234	4	Pass	8	3
Pass	142	3	Pass	229	4	Pass	<LOD	8
Pass	146	3	Pass	233	5	Pass	<LOD	8
Pass	191	4	Pass	306	6	Pass	<LOD	8
Pass	194	4	Pass	281	5	Pass	12	3
Pass	187	4	Pass	288	5	Pass	<LOD	8
Pass	174	3	Pass	281	5	Pass	<LOD	8
Pass	171	3	Pass	288	5	Pass	10	3
Pass	178	3	Pass	277	5	Pass	<LOD	8
Pass	104	3	Pass	379	6	Pass	<LOD	8
Pass	111	3	Pass	375	6	Pass	10	3
Pass	97	2	Pass	356	5	Pass	<LOD	8
Pass	81	2	Pass	289	5	Pass	<LOD	8
Pass	82	2	Pass	280	5	Pass	<LOD	8
Pass	85	2	Pass	290	5	Pass	<LOD	8
Pass	91	2	Pass	328	5	Pass	11	3
Pass	102	3	Pass	331	5	Pass	<LOD	8
Pass	93	2	Pass	310	5	Pass	9	3
Pass	107	3	Pass	88	4	Pass	<LOD	8
Pass	115	3	Pass	92	4	Pass	<LOD	8
Pass	104	3	Pass	91	4	Pass	<LOD	8
Pass	74	2	Pass	271	5	Pass	<LOD	8
Pass	76	2	Pass	281	5	Pass	<LOD	8
Pass	75	2	Pass	256	5	Pass	<LOD	8
Pass	57	2	Pass	119	4	Pass	<LOD	8
Pass	57	2	Pass	130	4	Pass	<LOD	8
Pass	53	2	Pass	126	4	Pass	<LOD	8
Pass	74	2	Pass	113	4	Pass	8	3
Pass	74	2	Pass	122	4	Pass	10	3
Pass	68	2	Pass	114	4	Pass	<LOD	8
Pass	72	2	Pass	236	4	Pass	<LOD	8
Pass	70	2	Pass	220	4	Pass	<LOD	8
Pass	75	2	Pass	236	4	Pass	<LOD	8
Pass	174	3	Pass	260	5	Pass	<LOD	8
Pass	163	3	Pass	257	5	Pass	9	3
Pass	163	3	Pass	269	5	Pass	9	3

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass	<LOD	30		<LOD	36		<LOD	59
	<LOD	30		<LOD	38		<LOD	62
Pass	35	11	Pass	<LOD	42		<LOD	68
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	34		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	35		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	27		<LOD	34		<LOD	56
	<LOD	29		<LOD	36		<LOD	60
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	29		<LOD	36		<LOD	58
	<LOD	29		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	28		<LOD	35		<LOD	56
	<LOD	29		<LOD	35		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	56
	<LOD	29		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
	<LOD	29		<LOD	35		<LOD	58
Pass	<LOD	27		<LOD	33		<LOD	52
Pass	<LOD	28		<LOD	34		<LOD	54
Pass	<LOD	28		<LOD	34		<LOD	53
Pass	<LOD	28		<LOD	34		<LOD	54
Pass	<LOD	28		<LOD	34		<LOD	54
Pass	<LOD	28		<LOD	34		<LOD	54

	<LOD	31	<LOD	38	<LOD	64
Pass	<LOD	31	<LOD	39	<LOD	64
	<LOD	31	<LOD	38	<LOD	62
Pass	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	38	<LOD	61
	<LOD	32	<LOD	39	<LOD	65
Pass	<LOD	32	<LOD	39	<LOD	65
	<LOD	32	<LOD	39	<LOD	66
	<LOD	30	<LOD	37	<LOD	61
Pass	<LOD	31	<LOD	38	<LOD	61
	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	37	<LOD	61
Pass	<LOD	29	<LOD	37	<LOD	60
	<LOD	29	<LOD	36	<LOD	60
	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	36	<LOD	61
	<LOD	30	<LOD	37	<LOD	61
Pass	<LOD	29	<LOD	36	<LOD	59
	<LOD	30	<LOD	37	<LOD	61
Pass	<LOD	29	<LOD	36	<LOD	59
	<LOD	31	<LOD	38	<LOD	63
	<LOD	31	<LOD	38	<LOD	62
	<LOD	31	<LOD	38	<LOD	61
	<LOD	30	<LOD	37	<LOD	61
	<LOD	29	<LOD	36	<LOD	60
	<LOD	29	<LOD	36	<LOD	60
	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	37	<LOD	61
	<LOD	30	<LOD	37	<LOD	60
Pass	<LOD	30	<LOD	36	<LOD	58
Pass	<LOD	30	<LOD	36	<LOD	58
	<LOD	30	<LOD	36	<LOD	59
	<LOD	29	<LOD	36	<LOD	59
	<LOD	29	<LOD	37	<LOD	60
	<LOD	29	<LOD	36	<LOD	59
	<LOD	31	<LOD	38	<LOD	64
Pass	<LOD	31	<LOD	38	<LOD	64
Pass	<LOD	31	<LOD	38	<LOD	64

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	61		NA			1143	199
	<LOD	66		NA			912	191
	75	24	Pass	NA			862	237
	<LOD	60		NA			869	174
	<LOD	61		NA			1156	179
	<LOD	61		NA			1021	177
	<LOD	61		NA			765	176
	<LOD	61		NA			825	175
	<LOD	61		NA			732	171
	<LOD	61		NA			934	178
	<LOD	60		NA			1064	179
	<LOD	61		NA			1090	186
	<LOD	60		NA			667	174
	<LOD	61		NA			525	174
	<LOD	59		NA			837	173
	<LOD	61		NA			1045	178
	<LOD	61		NA			859	176
	<LOD	61		NA			1222	183
	<LOD	62		NA			3260	234
	<LOD	60		NA			3836	237
	<LOD	62		NA			3804	242
	<LOD	60		NA			806	176
	<LOD	61		NA			1081	183
	<LOD	59		NA			968	175
	<LOD	63		NA			1481	196
	<LOD	61		NA			1885	198
	<LOD	61		NA			1721	197
	<LOD	62		NA			1248	189
	<LOD	62		NA			1321	189
	<LOD	62		NA			1096	186
	<LOD	61		NA			1626	196
	<LOD	61		NA			1373	193
	<LOD	62		NA			2035	205
	<LOD	62		NA			1209	187
	<LOD	62		NA			1731	200
	<LOD	63		NA			1118	190
	<LOD	59		NA			995	180
	<LOD	59		NA			1250	187
	<LOD	59		NA			1091	183
	<LOD	60		NA			4983	261
	<LOD	58		NA			4556	255
	<LOD	60		NA			5471	276
	<LOD	53		NA			1831	196
	<LOD	55		NA			2038	198
	<LOD	55		NA			1934	198
	<LOD	56		NA			2303	208
	<LOD	56		NA			1684	197
	<LOD	57		NA			1669	191

<LOD	67	NA	6971	337
<LOD	68	NA	5970	327
<LOD	66	NA	6875	336
<LOD	64	NA	5960	294
<LOD	64	NA	5333	282
<LOD	64	NA	5883	292
<LOD	69	NA	11297	412
<LOD	68	NA	12294	424
<LOD	69	NA	12752	432
<LOD	64	NA	7882	338
<LOD	63	NA	8594	356
<LOD	64	NA	8961	355
<LOD	64	NA	3258	248
<LOD	64	NA	3747	255
<LOD	63	NA	3444	247
<LOD	64	NA	4041	262
<LOD	64	NA	3524	256
<LOD	65	NA	3521	257
<LOD	62	NA	3925	254
<LOD	64	NA	3923	260
<LOD	62	NA	2959	237
<LOD	66	NA	7395	337
<LOD	66	NA	7535	339
<LOD	64	NA	7045	333
<LOD	64	NA	2623	229
<LOD	63	NA	2568	228
<LOD	63	NA	2090	218
<LOD	64	NA	2164	226
<LOD	64	NA	1986	221
<LOD	63	NA	2215	224
<LOD	61	NA	2152	221
<LOD	61	NA	2472	227
<LOD	61	NA	2462	225
<LOD	62	NA	2625	227
<LOD	63	NA	2483	226
<LOD	62	NA	2624	228
<LOD	67	NA	11417	397
<LOD	66	NA	9354	365
<LOD	67	NA	8999	361

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	10		<LOD	9		19	3
Pass	<LOD	20		<LOD	22		1161	17
Pass	57	15	Pass	<LOD	50		5695	65
Pass	<LOD	10		<LOD	9		97	5
Pass	<LOD	10		<LOD	9		92	4
Pass	<LOD	10		<LOD	9		104	5
Pass	<LOD	10		<LOD	9		60	4
Pass	<LOD	10		<LOD	8		57	4
Pass	<LOD	9		<LOD	9		64	4
Pass	<LOD	11		<LOD	10		132	5
Pass	<LOD	10		<LOD	10		145	5
Pass	<LOD	11		<LOD	9		137	5
Pass	<LOD	10		<LOD	8		51	4
Pass	<LOD	9		<LOD	8		58	4
Pass	<LOD	10		<LOD	9		54	4
Pass	<LOD	10		<LOD	10		129	5
Pass	<LOD	10		<LOD	10		136	5
Pass	<LOD	10		<LOD	10		125	5
Pass	<LOD	12		<LOD	11		240	7
Pass	<LOD	11		<LOD	11		226	6
Pass	<LOD	12		13	4	Pass	242	7
Pass	<LOD	11		<LOD	10		158	6
Pass	<LOD	11		<LOD	10		144	5
Pass	<LOD	10		<LOD	10		124	5
Pass	<LOD	15		<LOD	17		798	13
Pass	<LOD	15		<LOD	17		750	12
Pass	<LOD	15		<LOD	17		748	13
Pass	<LOD	13		<LOD	14		459	9
Pass	<LOD	13		<LOD	14		459	9
Pass	<LOD	13		<LOD	14		455	9
Pass	<LOD	13		<LOD	14		473	9
Pass	<LOD	13		15	5	Pass	475	10
Pass	<LOD	13		18	5	Pass	456	9
Pass	<LOD	16		<LOD	18		883	14
Pass	<LOD	16		<LOD	18		879	14
Pass	<LOD	16		<LOD	18		916	14
Pass	<LOD	15		<LOD	17		759	13
Pass	<LOD	14		<LOD	17		784	13
Pass	<LOD	15		<LOD	17		766	13
Pass	<LOD	13		<LOD	13		402	9
Pass	<LOD	13		<LOD	13		405	9
Pass	<LOD	13		<LOD	13		402	9
Pass	<LOD	11		<LOD	11		241	7
Pass	<LOD	12		<LOD	11		239	7
Pass	<LOD	11		<LOD	11		241	7
Pass	<LOD	12		<LOD	12		354	8
Pass	<LOD	12		<LOD	13		359	8
Pass	<LOD	12		<LOD	12		343	8

Pass	<LOD	14	<LOD		13		272	8
Pass	<LOD	14	<LOD		13		269	8
Pass	<LOD	14	<LOD		13		250	8
Pass	<LOD	12	<LOD		12		264	7
Pass	<LOD	13	<LOD		12		250	7
Pass	<LOD	13	<LOD		12		251	7
Pass	<LOD	14	<LOD		13		268	8
Pass	<LOD	14	<LOD		13		263	8
Pass	<LOD	13	<LOD		13		264	8
Pass	<LOD	12	<LOD		13		267	8
Pass	<LOD	14	<LOD		13		276	8
Pass	<LOD	13	<LOD		13		261	8
Pass	<LOD	12	<LOD		11		174	6
Pass	<LOD	12	<LOD		11		196	6
Pass	<LOD	11	<LOD		11		173	6
Pass	<LOD	20	<LOD		24		1554	21
Pass	<LOD	20	<LOD		25		1710	22
Pass	<LOD	20		39	8	Pass	1469	20
Pass	<LOD	19	<LOD		22		1307	18
Pass	<LOD	19	<LOD		23		1401	19
Pass	<LOD	19	<LOD		22		1338	19
Pass	<LOD	21	<LOD		25		1724	23
Pass	<LOD	21	<LOD		26		1747	23
Pass	<LOD	21		28	9	Pass	1700	23
Pass	<LOD	16	<LOD		18		806	13
Pass	<LOD	15	<LOD		17		775	13
Pass	<LOD	15	<LOD		18		778	13
Pass	<LOD	18	<LOD		22		1237	18
Pass	<LOD	18	<LOD		21		1172	17
Pass	<LOD	18	<LOD		22		1292	18
Pass	<LOD	18	<LOD		21		1290	18
Pass	<LOD	18	<LOD		22		1306	18
Pass	<LOD	18	<LOD		22		1268	18
Pass	<LOD	16	<LOD		20		995	15
Pass	<LOD	17	<LOD		19		1046	16
Pass	<LOD	17	<LOD		20		1051	16
Pass	<LOD	18	<LOD		22		1171	18
Pass	<LOD	19	<LOD		22		1084	17
Pass	<LOD	19	<LOD		21		1131	17

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019818			224			47.03	
Pass							55.89	testing
Pass							54.44	testing
Pass							55.55	testing
Pass							51.49	testing
Pass							51.44	testing
Pass							51.63	testing
Pass							51.5	testing
Pass							51.89	testing
Pass							51.84	testing
Pass							52.13	testing
Pass							53.02	testing
Pass							51.66	testing
Pass							52.35	testing
Pass							51.94	testing
Pass							52.92	testing
Pass							51.86	testing
Pass							52.01	testing
Pass							51.96	testing
Pass							51.92	testing
Pass							51.74	testing
Pass							51.88	testing
Pass							52.41	testing
Pass							52.14	testing
Pass							52.3	testing
Pass							52.91	testing
Pass							52.83	testing
Pass							52.71	testing
Pass							52.54	testing
Pass							52.76	testing
Pass							52.8	testing
Pass							51.59	testing
Pass							51.88	testing
Pass							52.18	testing
Pass							52.29	testing
Pass							52.21	testing
Pass							52.23	testing
Pass							53.85	testing
Pass							54.83	testing
Pass							54.25	testing
Pass							53.85	testing
	0.019814			223			46.9	
Pass							54.21	testing
Pass							54.95	testing
Pass							56.61	testing
Pass							54.27	testing
Pass							54.89	testing
Pass							55.14	testing
Pass							55.68	testing
Pass							54.71	testing

Pass	55.29	testing
Pass	55.54	testing
Pass	55.26	testing
Pass	55.8	testing
Pass	55.52	testing
Pass	55.56	testing
Pass	54.86	testing
Pass	55.45	testing
Pass	55.27	testing
Pass	55.04	testing
Pass	56.74	testing
Pass	54.92	testing
Pass	53.77	testing
Pass	53.57	testing
Pass	54.5	testing
Pass	53.92	testing
Pass	53.59	testing
Pass	53.84	testing
Pass	54.03	testing
Pass	53.8	testing
Pass	54.18	testing
Pass	54.73	testing
Pass	54.9	testing
Pass	55.99	testing
Pass	53.85	testing
Pass	53.95	testing
Pass	53.87	testing
Pass	54.46	testing
Pass	53.95	testing
Pass	54.66	testing
Pass	56.59	testing
Pass	56.75	testing
Pass	55.65	testing
Pass	54.16	testing
Pass	54.33	testing
Pass	53.9	testing
Pass	54.48	testing
Pass	55.05	testing
Pass	54.83	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
21-Aug-08	1			-0.015928			PASS	Standardiz
21-Aug-08	2				NIST2710	high		Soil
21-Aug-08	3				NIST2709	low		Soil
21-Aug-08	4				NIST2711	medium		Soil
21-Aug-08	5				30417	F1		Soil
21-Aug-08	6				30417	F1		Soil
21-Aug-08	7				30417	F1		Soil
21-Aug-08	8				30417	F1-bio		Soil
21-Aug-08	9				30417	F1-bio		Soil
21-Aug-08	10				30417	F1-bio		Soil
21-Aug-08	11				30417	F2		Soil
21-Aug-08	12				30417	F2		Soil
21-Aug-08	13				30417	F2		Soil
21-Aug-08	14				30417	B1-10 sieve		Soil
21-Aug-08	15				30417	B1-60 sieve		Soil
21-Aug-08	16				30417	B1-10 sieve		Soil
21-Aug-08	17				30417	B1-60 sieve		Soil
21-Aug-08	18				30417	B1-60 sieve		Soil
21-Aug-08	19				30417	B1-60 sieve		Soil
21-Aug-08	20				30417	B2		Soil
21-Aug-08	21				30417	B2		Soil
21-Aug-08	22				30417	B2		Soil
21-Aug-08	23				30417	DZ		Soil
21-Aug-08	24				30417	DZ		Soil
21-Aug-08	25				30417	DZ		Soil
21-Aug-08	26				30417	DW		Soil
21-Aug-08	27				30417	DW		Soil
21-Aug-08	28				30417	DW		Soil
21-Aug-08	29			-0.020156			PASS	Standardiz
21-Aug-08	30				5013	F1		Soil
21-Aug-08	31				5013	F1		Soil
21-Aug-08	32				5013	F1		Soil
21-Aug-08	33				5013	F2		Soil
21-Aug-08	34				5013	F2		Soil
21-Aug-08	35				5013	F2		Soil
21-Aug-08	36				5013	B1		Soil
21-Aug-08	37				5013	B1		Soil
21-Aug-08	38				5013	B1		Soil
21-Aug-08	39				5013	B2		Soil
21-Aug-08	40				5013	B2		Soil
21-Aug-08	41				5013	B2		Soil
21-Aug-08	42				5013	DZ		Soil
21-Aug-08	43				5013	DZ		Soil
21-Aug-08	44				5013	DZ		Soil
21-Aug-08	45				5013	PZ		Soil
21-Aug-08	46				5013	PZ		Soil
21-Aug-08	47				5013	PZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
6:51:10								
6:52:53				<LOD		0	NA	
6:56:25				<LOD		0	NA	
6:58:45				<LOD		0	NA	
7:01:41	shot 1			<LOD		0	NA	
7:03:57	shot 2			<LOD		0	NA	
7:06:17	shot 3			<LOD		0	NA	
7:09:24	shot 1			<LOD		0	NA	
7:12:12	shot 2			<LOD		0	NA	
7:14:41	shot 3			<LOD		0	NA	
7:20:06	shot 1			<LOD		0	NA	
7:22:28	shot 2			<LOD		0	NA	
7:24:40	shot 3			<LOD		0	NA	
7:29:14	shot 1			<LOD		0	NA	
7:31:43	shot 2			<LOD		0	NA	
7:34:52	shot 3			<LOD		0	NA	
7:37:31	shot 1			<LOD		0	NA	
7:39:55	shot 2			<LOD		0	NA	
7:42:27	shot 3			<LOD		0	NA	
7:45:17	shot 1			<LOD		0	NA	
7:47:32	shot 2			<LOD		0	NA	
7:49:45	shot 3			<LOD		0	NA	
7:52:00	shot 1			<LOD		0	NA	
7:54:18	shot 2			<LOD		0	NA	
7:58:27	shot 3			<LOD		0	NA	
8:00:57	shot 1			<LOD		0	NA	
8:05:22	shot 2			<LOD		0	NA	
8:07:41	shot 3			<LOD		0	NA	
14:42:20								
14:44:31	shot 1			<LOD		0	NA	
14:46:51	shot 2			<LOD		0	NA	
14:49:06	shot 3			<LOD		0	NA	
14:52:12	shot 1			<LOD		0	NA	
14:54:23	shot 2			<LOD		0	NA	
14:56:46	shot 3			<LOD		0	NA	
14:59:26	shot 1			<LOD		0	NA	
15:01:53	shot 2			<LOD		0	NA	
15:05:03	shot 3			<LOD		0	NA	
15:08:03	shot 1			<LOD		0	NA	
15:10:36	shot 2			<LOD		0	NA	
15:13:03	shot 3			<LOD		0	NA	
15:15:54	shot 1			<LOD		0	NA	
15:18:46	shot 2			<LOD		0	NA	
15:21:51	shot 3			<LOD		0	NA	
15:24:20	shot 1			<LOD		0	NA	
15:26:53	shot 2			<LOD		0	NA	
15:30:13	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			2738	378	Pass	<LOD	130
	NA			3005	312	Pass	124	34
	NA			2923	308	Pass	143	35
	NA			2776	315	Pass	<LOD	91
	NA			3190	321	Pass	104	33
	NA			2843	323	Pass	<LOD	94
	NA			2803	314	Pass	144	34
	NA			3144	317	Pass	<LOD	94
	NA			3028	318	Pass	112	33
	NA			2978	320	Pass	<LOD	92
	NA			3237	318	Pass	147	34
	NA			2704	323	Pass	<LOD	94
	NA			2642	442	Pass	207	43
	NA			2896	438	Pass	185	42
	NA			3117	425	Pass	165	41
	NA			2616	418	Pass	<LOD	117
	NA			2851	425	Pass	219	42
	NA			2252	431	Pass	139	41
	NA			2776	356	Pass	<LOD	101
	NA			2620	356	Pass	<LOD	103
	NA			2156	358	Pass	130	36
	NA			3340	318	Pass	<LOD	93
	NA			2978	311	Pass	<LOD	90
	NA			3097	320	Pass	<LOD	94
	NA			2017	543	Pass	165	49
	NA			<LOD	1610		228	51
	NA			2357	525	Pass	189	49
	NA			2999	401	Pass	145	39
	NA			2969	403	Pass	<LOD	114
	NA			2764	423	Pass	<LOD	120
	NA			<LOD	2511		278	73
	NA			<LOD	2529		<LOD	211
	NA			<LOD	2493		456	74
	NA			2957	354	Pass	<LOD	105
	NA			3312	357	Pass	<LOD	107
	NA			3573	350	Pass	121	35
	NA			3134	380	Pass	<LOD	109
	NA			3540	399	Pass	<LOD	110
	NA			4162	403	Pass	<LOD	113
	NA			3265	393	Pass	<LOD	117
	NA			3357	393	Pass	<LOD	117
	NA			3546	391	Pass	<LOD	120
	NA			2009	320	Pass	118	35
	NA			1814	314	Pass	<LOD	98
	NA			2270	312	Pass	132	34

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	10525	162	Pass	39224	435	Pass	<LOD	211
Pass	451	31	Pass	31585	310	Pass	<LOD	168
Pass	529	32	Pass	24894	260	Pass	<LOD	153
	1057	40	Pass	20896	218	Pass	<LOD	138
Pass	1081	41	Pass	21445	226	Pass	<LOD	140
	1001	39	Pass	21538	226	Pass	<LOD	139
Pass	1070	40	Pass	21028	220	Pass	<LOD	137
	1045	40	Pass	20719	216	Pass	<LOD	135
Pass	1120	41	Pass	21628	225	Pass	<LOD	140
	1277	43	Pass	20786	217	Pass	<LOD	137
Pass	1272	44	Pass	20663	219	Pass	<LOD	138
	1243	43	Pass	20984	220	Pass	<LOD	135
Pass	1056	42	Pass	22819	243	Pass	<LOD	147
Pass	991	41	Pass	22608	242	Pass	<LOD	147
Pass	904	40	Pass	22194	237	Pass	<LOD	145
	921	39	Pass	21877	232	Pass	<LOD	140
Pass	890	39	Pass	21486	230	Pass	<LOD	143
Pass	920	40	Pass	22154	239	Pass	<LOD	145
	711	35	Pass	18926	205	Pass	<LOD	132
	698	34	Pass	18631	200	Pass	<LOD	128
Pass	690	35	Pass	18996	206	Pass	<LOD	132
	1364	46	Pass	23347	246	Pass	<LOD	146
	1316	44	Pass	22504	235	Pass	<LOD	142
	1357	45	Pass	22771	240	Pass	<LOD	146
Pass	1301	49	Pass	24930	273	Pass	<LOD	159
Pass	1172	47	Pass	23433	259	Pass	<LOD	152
Pass	1303	48	Pass	23730	261	Pass	<LOD	153
Pass	1078	41	Pass	28882	286	Pass	<LOD	160
	1138	43	Pass	30373	299	Pass	<LOD	163
	1093	43	Pass	31158	310	Pass	<LOD	168
Pass	1661	61	Pass	42371	454	Pass	<LOD	215
	1828	63	Pass	39280	425	Pass	<LOD	206
Pass	1692	61	Pass	41285	446	Pass	<LOD	212
	1293	44	Pass	29081	283	Pass	<LOD	156
	1334	45	Pass	29175	287	Pass	<LOD	159
Pass	1304	43	Pass	29355	283	Pass	<LOD	158
	1297	44	Pass	30703	298	Pass	<LOD	163
	1193	44	Pass	31197	309	Pass	<LOD	165
	1362	46	Pass	33223	321	Pass	<LOD	170
	1035	43	Pass	43184	417	Pass	<LOD	198
	954	42	Pass	42593	416	Pass	<LOD	197
	1039	43	Pass	43164	418	Pass	<LOD	197
Pass	1037	39	Pass	31537	299	Pass	<LOD	160
	1138	41	Pass	29734	284	Pass	<LOD	158
Pass	1036	39	Pass	31093	292	Pass	<LOD	158

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	46	14	Pass	3127	47	Pass	7207	84
	53	11	Pass	25	7	Pass	106	5
	<LOD	29		107	9	Pass	319	9
	<LOD	30		29	7	Pass	390	10
	37	10	Pass	48	8	Pass	389	10
	41	10	Pass	40	7	Pass	385	10
	53	10	Pass	49	8	Pass	390	10
	45	10	Pass	37	7	Pass	380	10
	36	10	Pass	55	8	Pass	394	10
	37	10	Pass	50	7	Pass	429	10
	32	10	Pass	62	8	Pass	413	10
	32	10	Pass	41	7	Pass	412	10
	31	10	Pass	40	8	Pass	380	10
	32	10	Pass	41	8	Pass	348	10
	48	11	Pass	51	8	Pass	349	10
	60	10	Pass	49	8	Pass	354	10
	45	10	Pass	48	8	Pass	377	10
	<LOD	30		61	8	Pass	361	10
	33	10	Pass	32	7	Pass	230	8
	49	10	Pass	24	7	Pass	209	7
	<LOD	29		31	7	Pass	226	8
	<LOD	30		49	8	Pass	420	11
	46	10	Pass	48	8	Pass	398	10
	36	10	Pass	46	8	Pass	400	10
	55	11	Pass	45	8	Pass	568	13
	60	11	Pass	48	8	Pass	401	11
	56	11	Pass	53	8	Pass	423	11
	<LOD	31		53	8	Pass	1459	21
	<LOD	31		66	8	Pass	1522	22
	<LOD	31		59	8	Pass	1566	23
	69	14	Pass	42	9	Pass	1343	23
	50	13	Pass	57	9	Pass	1343	23
	44	13	Pass	30	9	Pass	1330	23
	55	11	Pass	51	8	Pass	1586	22
	33	10	Pass	45	7	Pass	1608	23
	<LOD	31		48	7	Pass	1646	23
	36	11	Pass	35	7	Pass	1417	21
	33	11	Pass	48	8	Pass	1490	22
	37	11	Pass	34	7	Pass	1558	22
	43	12	Pass	60	8	Pass	2679	33
	<LOD	35		54	8	Pass	2627	33
	54	12	Pass	63	8	Pass	2647	33
	41	10	Pass	53	7	Pass	1919	25
	45	11	Pass	62	8	Pass	1864	24
	36	10	Pass	46	7	Pass	1912	25

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	747	25	Pass	<LOD	11		128	4
Pass	10	2	Pass	<LOD	3		88	2
Pass	119	9	Pass	<LOD	5		110	3
Pass	28	9	Pass	<LOD	5		58	2
Pass	40	9	Pass	<LOD	5		60	2
Pass	42	9	Pass	<LOD	5		62	2
Pass	51	9	Pass	<LOD	5		59	2
Pass	<LOD	27		<LOD	5		60	2
Pass	<LOD	27		<LOD	5		57	2
Pass	<LOD	29		<LOD	5		56	2
Pass	31	10	Pass	<LOD	5		61	2
Pass	<LOD	30		<LOD	5		55	2
Pass	39	8	Pass	<LOD	5		50	2
Pass	<LOD	24		<LOD	5		51	2
Pass	29	8	Pass	<LOD	5		53	2
Pass	<LOD	24		<LOD	5		52	2
Pass	25	8	Pass	<LOD	4		53	2
Pass	26	8	Pass	<LOD	5		55	2
Pass	29	6	Pass	<LOD	4		48	2
Pass	<LOD	19		<LOD	4		48	2
Pass	26	6	Pass	<LOD	4		54	2
Pass	36	10	Pass	<LOD	5		61	2
Pass	<LOD	29		<LOD	5		61	2
Pass	39	10	Pass	<LOD	5		61	2
Pass	60	9	Pass	<LOD	5		40	2
Pass	<LOD	28		<LOD	5		38	2
Pass	38	10	Pass	<LOD	5		40	2
Pass	32	8	Pass	<LOD	4		51	2
Pass	40	7	Pass	<LOD	4		50	2
Pass	40	8	Pass	<LOD	4		50	2
Pass	39	7	Pass	<LOD	5		47	2
Pass	32	7	Pass	<LOD	5		45	2
Pass	35	7	Pass	<LOD	5		43	2
Pass	26	6	Pass	<LOD	4		53	2
Pass	23	6	Pass	<LOD	4		56	2
Pass	25	6	Pass	<LOD	4		54	2
Pass	35	6	Pass	<LOD	4		51	2
Pass	20	6	Pass	<LOD	4		56	2
Pass	29	6	Pass	<LOD	4		58	2
Pass	19	5	Pass	<LOD	4		56	2
Pass	18	5	Pass	<LOD	4		57	2
Pass	26	5	Pass	<LOD	3		57	2
Pass	18	4	Pass	<LOD	3		48	2
Pass	16	4	Pass	<LOD	3		46	2
Pass	17	4	Pass	<LOD	3		45	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	352	6	Pass	47	4	Pass	23	3
Pass	220	4	Pass	80	3	Pass	<LOD	7
Pass	251	4	Pass	261	5	Pass	<LOD	8
Pass	85	2	Pass	309	5	Pass	10	3
Pass	91	2	Pass	326	5	Pass	8	3
Pass	89	2	Pass	319	5	Pass	10	3
Pass	86	2	Pass	310	5	Pass	<LOD	8
Pass	84	2	Pass	326	5	Pass	<LOD	8
Pass	83	2	Pass	318	5	Pass	9	3
Pass	82	2	Pass	325	5	Pass	<LOD	8
Pass	83	2	Pass	322	5	Pass	<LOD	8
Pass	85	2	Pass	318	5	Pass	<LOD	8
Pass	148	3	Pass	247	5	Pass	<LOD	8
Pass	144	3	Pass	234	5	Pass	<LOD	8
Pass	141	3	Pass	239	5	Pass	<LOD	8
Pass	158	3	Pass	261	5	Pass	11	3
Pass	150	3	Pass	264	5	Pass	<LOD	8
Pass	155	3	Pass	269	5	Pass	<LOD	8
Pass	127	3	Pass	245	5	Pass	<LOD	8
Pass	128	3	Pass	248	5	Pass	9	3
Pass	125	3	Pass	244	5	Pass	<LOD	8
Pass	79	2	Pass	298	5	Pass	12	3
Pass	76	2	Pass	285	5	Pass	<LOD	8
Pass	81	2	Pass	290	5	Pass	9	3
Pass	233	4	Pass	207	5	Pass	10	3
Pass	219	4	Pass	214	5	Pass	<LOD	8
Pass	215	4	Pass	213	5	Pass	<LOD	8
Pass	111	3	Pass	200	4	Pass	9	3
Pass	103	3	Pass	201	4	Pass	11	3
Pass	117	3	Pass	199	4	Pass	15	3
Pass	397	6	Pass	241	5	Pass	<LOD	9
Pass	406	6	Pass	242	5	Pass	<LOD	9
Pass	397	6	Pass	235	5	Pass	<LOD	9
Pass	109	3	Pass	215	4	Pass	9	3
Pass	112	3	Pass	230	4	Pass	<LOD	8
Pass	114	3	Pass	234	4	Pass	<LOD	7
Pass	103	3	Pass	252	5	Pass	<LOD	8
Pass	109	3	Pass	262	5	Pass	9	3
Pass	111	3	Pass	264	5	Pass	14	3
Pass	79	2	Pass	168	4	Pass	<LOD	8
Pass	74	2	Pass	159	4	Pass	<LOD	8
Pass	79	2	Pass	168	4	Pass	<LOD	8
Pass	60	2	Pass	107	3	Pass	<LOD	7
Pass	62	2	Pass	115	3	Pass	<LOD	7
Pass	61	2	Pass	122	3	Pass	<LOD	7

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass		65 12	Pass	<LOD	42		<LOD	69
	<LOD	29		<LOD	35		<LOD	56
	<LOD	30		47	13	Pass	<LOD	62
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		40	12	Pass	<LOD	60
Pass	<LOD	29		<LOD	37		<LOD	61
	<LOD	29		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	38		<LOD	63
	<LOD	30		<LOD	38		<LOD	62
Pass	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
	<LOD	31		<LOD	38		<LOD	63
	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	38		<LOD	62
Pass	<LOD	30		<LOD	37		<LOD	60
	<LOD	30		<LOD	36		<LOD	59
Pass	<LOD	30		<LOD	37		<LOD	60
Pass	<LOD	32		<LOD	40		<LOD	66
	<LOD	32		<LOD	39		<LOD	65
	<LOD	32		<LOD	39		<LOD	66
Pass	<LOD	29		<LOD	36		<LOD	58
Pass	<LOD	29		<LOD	35		<LOD	57
Pass	<LOD	30		<LOD	36		<LOD	58
	<LOD	33		<LOD	41		68	22
	<LOD	33		<LOD	41		<LOD	67
	<LOD	33		<LOD	41		<LOD	67
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	58
	<LOD	28		<LOD	35		<LOD	56
	<LOD	29		<LOD	35		<LOD	58
Pass	<LOD	29		<LOD	36		<LOD	58
Pass	<LOD	29		<LOD	35		<LOD	56
	<LOD	30		<LOD	37		<LOD	60
	<LOD	30		<LOD	37		<LOD	60
	<LOD	30		<LOD	37		<LOD	60
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	55

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	73		NA			897	241
	<LOD	58		NA			1205	198
	<LOD	66		NA			919	193
	<LOD	63		NA			1837	205
	<LOD	64		NA			1584	205
	<LOD	64		NA			1964	211
	<LOD	64		NA			1721	205
	<LOD	63		NA			1686	204
	<LOD	64		NA			1670	205
	<LOD	64		NA			1891	208
	<LOD	65		NA			1449	202
	<LOD	64		NA			2140	213
	<LOD	67		NA			7425	325
	<LOD	66		NA			6908	318
	<LOD	66		NA			6167	304
	<LOD	65		NA			6416	303
	<LOD	65		NA			6488	307
	<LOD	67		NA			6940	317
	<LOD	65		NA			3573	245
	<LOD	64		NA			3810	247
	<LOD	65		NA			3998	253
	<LOD	63		NA			1130	198
	<LOD	62		NA			1317	197
	<LOD	62		NA			1431	203
	<LOD	69		NA			12478	420
	<LOD	69		NA			12604	421
	<LOD	69		NA			11324	401
	<LOD	60		NA			5496	284
	<LOD	60		NA			5523	285
	<LOD	60		NA			6378	304
Pass	<LOD	69		NA			32905	721
	<LOD	70		NA			32021	714
	<LOD	70		NA			30652	700
	<LOD	61		NA			3404	241
	<LOD	61		NA			3081	239
	<LOD	59		NA			2846	231
	<LOD	60		NA			4456	263
	<LOD	60		NA			4649	274
	<LOD	59		NA			4573	273
	<LOD	63		NA			3722	266
	<LOD	62		NA			3484	264
	<LOD	62		NA			3349	261
	<LOD	60		NA			2674	220
	<LOD	60		NA			2653	218
	<LOD	58		NA			2296	211

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass		50 16	Pass		53 17	Pass	5779	66
Pass	<LOD	10		<LOD	9		24	3
Pass	<LOD	20			24 7	Pass	1127	17
Pass	<LOD	19		<LOD	22		1258	18
Pass	<LOD	19		<LOD	22		1289	18
Pass	<LOD	19		<LOD	22		1255	18
Pass	<LOD	18		<LOD	22		1259	18
Pass	<LOD	19		<LOD	22		1280	18
Pass	<LOD	19		<LOD	22		1277	18
Pass	<LOD	20		<LOD	23		1523	20
Pass	<LOD	20		<LOD	24		1524	21
Pass	<LOD	20		<LOD	23		1534	21
Pass	<LOD	17		<LOD	20		935	15
Pass	<LOD	18		<LOD	20		940	15
Pass	<LOD	17		<LOD	20		984	16
Pass	<LOD	17		<LOD	20		954	15
Pass	<LOD	17		<LOD	20		934	15
Pass	<LOD	17		<LOD	20		957	16
Pass	<LOD	14		<LOD	16		545	11
Pass	<LOD	14		<LOD	16		573	11
Pass	<LOD	15		<LOD	16		560	11
Pass	<LOD	19		<LOD	23		1488	20
Pass	<LOD	19		<LOD	23		1430	20
Pass	<LOD	19		<LOD	24		1495	21
Pass	<LOD	19		<LOD	22		1140	18
Pass	<LOD	19		<LOD	22		1133	18
Pass	<LOD	19		<LOD	23		1207	19
Pass	<LOD	17		<LOD	18		868	14
Pass	<LOD	17		<LOD	18		818	14
Pass	<LOD	18		<LOD	19		880	14
Pass	<LOD	17		<LOD	17		486	11
Pass	<LOD	18			18 6	Pass	482	11
Pass	<LOD	18		<LOD	17		488	11
Pass	<LOD	14			19 5	Pass	485	10
Pass	<LOD	14		<LOD	15		503	10
Pass	<LOD	14		<LOD	15		494	10
Pass	<LOD	14		<LOD	15		514	10
Pass	<LOD	14		<LOD	15		524	11
Pass	<LOD	15			17 5	Pass	563	11
Pass	<LOD	15		<LOD	13		353	9
Pass	<LOD	15		<LOD	13		331	8
Pass	<LOD	15		<LOD	14		359	9
Pass	<LOD	13		<LOD	11		245	7
Pass	<LOD	13		<LOD	12		235	7
Pass	<LOD	13		<LOD	12		247	7

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019814			225			47.43	
Pass							55.04	testing
Pass							56.72	testing
Pass							54.56	testing
Pass							53.73	testing
Pass							53.69	testing
Pass							55.05	testing
Pass							53.54	testing
Pass							53.09	testing
Pass							53.4	testing
Pass							52.85	testing
Pass							53.07	testing
Pass							53.24	testing
Pass							55.03	testing
Pass							54.16	testing
Pass							54.42	testing
Pass							53.67	testing
Pass							54.1	testing
Pass							54.18	testing
Pass							54.3	testing
Pass							55.19	testing
Pass							54.4	testing
Pass							55.14	testing
Pass							54.7	testing
Pass							54.68	testing
Pass							54.22	testing
Pass							55.32	testing
Pass							55.93	testing
	0.019815			225			46.89	
Pass							55.44	testing
Pass							54.83	testing
Pass							55.75	testing
Pass							56.55	testing
Pass							56.73	testing
Pass							57.79	testing
Pass							54.06	testing
Pass							54.53	testing
Pass							54.43	testing
Pass							55.27	testing
Pass							55.36	testing
Pass							56.52	testing
Pass							55.24	testing
Pass							55.84	testing
Pass							55.04	testing
Pass							53.63	testing
Pass							53.31	testing
Pass							54.12	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
23-Aug-08	1			-0.019483			PASS	Standardiz
23-Aug-08	2				NIST2711	medium		Soil
23-Aug-08	3				NIST2709	low		Soil
23-Aug-08	4				20758	F1		Soil
23-Aug-08	5				20349	F1		Soil
23-Aug-08	6				20349	F1		Soil
23-Aug-08	7				20349	F1		Soil
23-Aug-08	8				20349	F1-bio		Soil
23-Aug-08	9				20349	F1-bio		Soil
23-Aug-08	10				20349	F1-bio		Soil
23-Aug-08	11				20349	F2		Soil
23-Aug-08	12				20349	F2		Soil
23-Aug-08	13				20349	F2		Soil
23-Aug-08	14				20349	B1-10 sieve		Soil
23-Aug-08	15				20349	B1-10 sieve		Soil
23-Aug-08	16				20349	B1-10 sieve		Soil
23-Aug-08	17				20349	B1-60 sieve		Soil
23-Aug-08	18				20349	B1-60 sieve		Soil
23-Aug-08	19				20349	B1-60 sieve		Soil
23-Aug-08	20				20349	B2		Soil
23-Aug-08	21				20349	B2		Soil
23-Aug-08	22				20349	B2		Soil
23-Aug-08	23				20349	DZ		Soil
23-Aug-08	24				20349	DZ		Soil
23-Aug-08	25				20349	DZ		Soil
23-Aug-08	26				203 9	DW		Soil
23-Aug-08	27				20349	DW		Soil
23-Aug-08	28				20349	DW		Soil
23-Aug-08	29				20349	PZ		Soil
23-Aug-08	30				20349	PZ		Soil
23-Aug-08	31				20349	PZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
9:46:36								
9:48:04				<LOD		0	NA	
9:50:32				<LOD		0	NA	
9:53:46	shot 2			<LOD		0	NA	
9:57:02	shot 1			<LOD		0	NA	
9:59:42	shot 2			<LOD		0	NA	
10:02:05	shot 3			<LOD		0	NA	
10:04:54	shot 1			<LOD		0	NA	
10:08:47	shot 2			<LOD		0	NA	
10:11:28	shot 3			<LOD		0	NA	
10:15:10	shot 1			<LOD		0	NA	
10:17:29	shot 2			<LOD		0	NA	
10:19:46	shot 3			<LOD		0	NA	
10:22:21	shot 1			<LOD		0	NA	
10:24:44	shot 2			<LOD		0	NA	
10:27:06	shot 3			<LOD		0	NA	
10:30:16	shot 1			<LOD		0	NA	
10:32:54	shot 2			<LOD		0	NA	
10:35:50	shot 3			<LOD		0	NA	
10:38:23	shot 1			<LOD		0	NA	
10:40:58	shot 2			<LOD		0	NA	
10:43:41	shot 3			<LOD		0	NA	
10:45:52	shot 1			<LOD		0	NA	
10:48:18	shot 2			<LOD		0	NA	
10:50:31	shot 3			<LOD		0	NA	
10:53:07	shot 1			<LOD		0	NA	
10:55:42	shot 2			<LOD		0	NA	
10:58:20	shot 3			<LOD		0	NA	
11:01:01	shot 1			<LOD		0	NA	
11:03:23	shot 2			<LOD		0	NA	
11:05:46	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			2561	303	Pass	<LOD	94
	NA			3479	316	Pass	134	34
	NA			2836	380	Pass	<LOD	134
	NA			<LOD	2503		255	70
	NA			<LOD	2615		495	77
	NA			3006	824	Pass	454	73
	NA			<LOD	2251		218	65
	NA			<LOD	2324		283	67
	NA			3810	774	Pass	422	69
	NA			2825	689	Pass	251	61
	NA			<LOD	1913		200	57
	NA			3197	662	Pass	253	59
	NA			4518	411	Pass	<LOD	112
	NA			4262	417	Pass	122	39
	NA			4991	436	Pass	170	41
	NA			3633	373	Pass	124	36
	NA			4527	387	Pass	165	37
	NA			4710	386	Pass	<LOD	102
	NA			4657	350	Pass	134	33
	NA			4517	360	Pass	<LOD	98
	NA			4914	351	Pass	108	32
	NA			3488	577	Pass	298	55
	NA			3946	575	Pass	206	52
	NA			3373	577	Pass	<LOD	154
	NA			<LOD	2763		417	80
	NA			<LOD	2866		492	82
	NA			<LOD	2736		505	81
	NA			<LOD	2559		439	75
	NA			<LOD	2201		474	68
	NA			<LOD	2387		347	71

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	490	31	Pass	25062	259	Pass	<LOD	151
Pass	468	31	Pass	31967	317	Pass	<LOD	169
	10198	158	Pass	38510	424	Pass	<LOD	206
Pass	1284	54	Pass	28375	318	Pass	<LOD	177
Pass	1326	56	Pass	27961	319	Pass	<LOD	178
Pass	1252	55	Pass	28685	329	Pass	<LOD	180
Pass	1147	51	Pass	27604	312	Pass	<LOD	176
Pass	1042	50	Pass	26585	304	Pass	<LOD	174
Pass	1217	53	Pass	27823	317	Pass	<LOD	178
Pass	1097	50	Pass	36397	396	Pass	<LOD	202
Pass	843	45	Pass	30774	345	Pass	<LOD	186
Pass	851	45	Pass	34664	372	Pass	<LOD	190
	721	37	Pass	29672	301	Pass	<LOD	165
Pass	644	35	Pass	28442	289	Pass	<LOD	162
Pass	664	36	Pass	30318	306	Pass	<LOD	169
Pass	642	34	Pass	21557	226	Pass	<LOD	139
Pass	588	33	Pass	22107	230	Pass	<LOD	143
	594	33	Pass	21490	224	Pass	<LOD	139
Pass	590	31	Pass	16613	178	Pass	<LOD	122
	539	31	Pass	17033	184	Pass	<LOD	122
Pass	592	31	Pass	15886	170	Pass	<LOD	117
Pass	864	44	Pass	35240	370	Pass	<LOD	191
Pass	916	45	Pass	35570	377	Pass	<LOD	194
	900	45	Pass	36127	379	Pass	<LOD	193
Pass	982	52	Pass	31702	359	Pass	<LOD	191
Pass	876	51	Pass	31378	357	Pass	<LOD	189
Pass	887	51	Pass	32014	363	Pass	<LOD	192
Pass	940	51	Pass	32972	369	Pass	<LOD	194
Pass	1021	49	Pass	31845	346	Pass	<LOD	183
Pass	994	50	Pass	33745	374	Pass	<LOD	191

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	30		83	8	Pass	328	9
	80	12	Pass	21	7	Pass	99	5
	<LOD	40		2982	45	Pass	7123	82
	49	12	Pass	89	10	Pass	320	10
	60	13	Pass	52	9	Pass	295	10
	47	12	Pass	84	10	Pass	310	10
	52	12	Pass	83	9	Pass	306	10
	43	12	Pass	128	10	Pass	272	10
	64	13	Pass	76	9	Pass	328	10
	49	13	Pass	42	9	Pass	496	13
	<LOD	36		36	8	Pass	406	12
	65	13	Pass	26	8	Pass	481	12
	53	11	Pass	27	7	Pass	243	8
	57	11	Pass	31	7	Pass	238	8
	54	11	Pass	39	8	Pass	243	8
	35	10	Pass	<LOD	21		178	7
	<LOD	31		30	7	Pass	190	7
	40	10	Pass	33	7	Pass	181	7
	36	10	Pass	<LOD	20		114	6
	36	10	Pass	29	7	Pass	119	6
	<LOD	26		22	7	Pass	119	6
	<LOD	36		47	8	Pass	507	12
	55	13	Pass	45	9	Pass	520	13
	77	13	Pass	49	9	Pass	514	13
	45	13	Pass	59	9	Pass	364	11
	74	13	Pass	27	9	Pass	391	12
	58	13	Pass	50	9	Pass	394	12
	62	13	Pass	62	9	Pass	485	13
	63	12	Pass	66	9	Pass	517	13
	85	13	Pass	78	10	Pass	530	13

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	103	9	Pass	<LOD	5		108	3
Pass	15	2	Pass	<LOD	3		92	2
Pass	685	24	Pass	<LOD	10		129	4
Pass	75	11	Pass	<LOD	6		50	2
Pass	61	12	Pass	<LOD	6		52	2
Pass	76	12	Pass	<LOD	6		54	2
Pass	53	11	Pass	<LOD	6		52	2
Pass	55	11	Pass	<LOD	6		49	2
Pass	55	12	Pass	<LOD	6		54	2
Pass	67	11	Pass	<LOD	6		63	2
Pass	<LOD	31		<LOD	6		57	2
Pass	72	10	Pass	<LOD	6		58	2
Pass	<LOD	25		<LOD	5		70	2
Pass	37	8	Pass	<LOD	5		68	2
Pass	26	9	Pass	<LOD	5		74	2
Pass	<LOD	23		<LOD	4		66	2
Pass	<LOD	24		<LOD	4		70	2
Pass	<LOD	23		<LOD	5		73	2
Pass	<LOD	21		<LOD	4		68	2
Pass	<LOD	21		5	2	Pass	66	2
Pass	<LOD	20		<LOD	4		63	2
Pass	61	12	Pass	<LOD	6		72	2
Pass	81	12	Pass	<LOD	6		73	2
Pass	58	12	Pass	<LOD	6		68	2
Pass	59	9	Pass	<LOD	6		39	2
Pass	41	9	Pass	<LOD	5		36	2
Pass	45	10	Pass	<LOD	6		41	2
Pass	54	10	Pass	<LOD	6		41	2
Pass	58	10	Pass	<LOD	5		46	2
Pass	48	10	Pass	<LOD	6		42	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	245	4	Pass	263	5	Pass	<LOD	8
Pass	234	4	Pass	80	3	Pass	<LOD	7
Pass	331	6	Pass	51	4	Pass	18	3
Pass	404	6	Pass	287	6	Pass	<LOD	9
Pass	423	6	Pass	303	6	Pass	<LOD	9
Pass	397	6	Pass	274	6	Pass	<LOD	9
Pass	378	6	Pass	313	6	Pass	<LOD	9
Pass	404	6	Pass	299	6	Pass	<LOD	9
Pass	406	6	Pass	306	6	Pass	11	3
Pass	304	5	Pass	328	6	Pass	<LOD	9
Pass	260	5	Pass	325	6	Pass	<LOD	9
Pass	283	5	Pass	343	6	Pass	<LOD	9
Pass	85	2	Pass	330	5	Pass	<LOD	8
Pass	92	3	Pass	331	5	Pass	<LOD	8
Pass	102	3	Pass	330	5	Pass	<LOD	8
Pass	105	3	Pass	499	7	Pass	<LOD	8
Pass	107	3	Pass	487	6	Pass	<LOD	8
Pass	102	3	Pass	479	6	Pass	<LOD	8
Pass	102	3	Pass	579	7	Pass	<LOD	8
Pass	104	3	Pass	560	7	Pass	11	3
Pass	100	2	Pass	544	7	Pass	<LOD	8
Pass	196	4	Pass	329	6	Pass	<LOD	8
Pass	194	4	Pass	327	6	Pass	<LOD	9
Pass	208	4	Pass	321	6	Pass	<LOD	8
Pass	409	6	Pass	227	5	Pass	<LOD	9
Pass	419	7	Pass	253	6	Pass	<LOD	9
Pass	397	6	Pass	290	6	Pass	<LOD	9
Pass	412	6	Pass	252	6	Pass	10	3
Pass	315	5	Pass	271	5	Pass	<LOD	9
Pass	364	6	Pass	238	5	Pass	<LOD	9

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		64	13	Pass	<LOD	61
	<LOD	30		<LOD	36		<LOD	57
Pass		40	11 Pass	<LOD	41		<LOD	68
	<LOD	33		<LOD	41		<LOD	68
	<LOD	34		<LOD	42		107	23
	<LOD	34		<LOD	42		<LOD	69
	<LOD	33		<LOD	40		<LOD	68
	<LOD	33		<LOD	41		<LOD	68
Pass	<LOD	34		<LOD	41		<LOD	68
	<LOD	33		<LOD	41		<LOD	68
	<LOD	34		<LOD	41		<LOD	68
	<LOD	32		<LOD	40		<LOD	66
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	30		<LOD	37		<LOD	60
	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	59
	<LOD	32		<LOD	39		<LOD	65
	<LOD	32		<LOD	40		<LOD	66
	<LOD	32		<LOD	39		<LOD	65
	<LOD	34		<LOD	42		108	23
	<LOD	34		<LOD	42		<LOD	70
	<LOD	34		<LOD	42		79	23
Pass	<LOD	34		<LOD	42		<LOD	70
	<LOD	33		<LOD	40		<LOD	67
	<LOD	34		<LOD	41		<LOD	68

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	65		NA			1139	194
	<LOD	59		NA			818	193
	<LOD	72		NA			1076	243
	<LOD	71		NA			31585	705
Pass	<LOD	73		NA			33912	744
	<LOD	73		NA			28702	685
	<LOD	70		NA			25872	630
	<LOD	71		NA			26271	642
	<LOD	71		NA			24716	627
	<LOD	71		NA			19328	548
	<LOD	70		NA			16447	506
	<LOD	69		NA			18043	520
	<LOD	66		NA			4146	273
	<LOD	65		NA			4848	283
	<LOD	65		NA			5120	293
	<LOD	63		NA			3664	251
	<LOD	63		NA			3650	255
	<LOD	63		NA			3603	252
	<LOD	63		NA			2371	221
	<LOD	64		NA			2725	230
	<LOD	62		NA			2417	220
	<LOD	68		NA			12804	437
	<LOD	70		NA			11868	428
	<LOD	69		NA			12778	437
Pass	<LOD	73		NA			39437	815
	<LOD	73		NA			41083	840
Pass	74	25	Pass	NA			37918	800
	<LOD	73		NA			32903	732
	<LOD	70		NA			24591	606
	<LOD	71		NA			29613	682

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	19		22	7	Pass	1145	17
Pass	<LOD	10		<LOD	9		17	3
Pass	<LOD	46		51	17	Pass	5711	65
Pass	<LOD	24		28	9	Pass	1531	23
Pass	<LOD	24		<LOD	28		1600	24
Pass	<LOD	24		30	9	Pass	1565	24
Pass	<LOD	23		<LOD	27		1587	24
Pass	<LOD	23		<LOD	27		1509	23
Pass	<LOD	23		<LOD	28		1602	24
Pass	<LOD	22		<LOD	26		1418	22
Pass	<LOD	21		<LOD	25		1318	21
Pass	<LOD	20		<LOD	25		1326	20
Pass	<LOD	17		<LOD	20		989	16
Pass	<LOD	17		<LOD	19		962	15
Pass	<LOD	17		<LOD	21		1112	17
Pass	<LOD	17		<LOD	19		933	15
Pass	<LOD	17		<LOD	19		975	15
Pass	<LOD	17		<LOD	19		952	15
Pass	<LOD	15		<LOD	17		743	13
Pass	<LOD	15		<LOD	17		739	13
Pass	<LOD	15		<LOD	17		705	12
Pass	<LOD	22		<LOD	27		1745	24
Pass	<LOD	24		29	9	Pass	1774	25
Pass	<LOD	23		<LOD	27		1784	25
Pass	<LOD	21		<LOD	23		945	17
Pass	<LOD	21		<LOD	23		975	17
Pass	<LOD	20		<LOD	23		1022	18
Pass	<LOD	22		<LOD	24		1163	19
Pass	<LOD	21		<LOD	23		1234	20
Pass	<LOD	21		<LOD	24		1218	20

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019822				222		47.16	
Pass							54.69	testing
Pass							56.75	testing
Pass							55.42	testing
Pass							55.3	testing
Pass							55.69	testing
Pass							56.01	testing
Pass							56.73	testing
Pass							55.74	testing
Pass							56.06	testing
Pass							55.44	testing
Pass							56.87	testing
Pass							55.69	testing
Pass							53.61	testing
Pass							53.78	testing
Pass							53.45	testing
Pass							53.66	testing
Pass							53.21	testing
Pass							53.04	testing
Pass							52.23	testing
Pass							52.66	testing
Pass							52.68	testing
Pass							54.6	testing
Pass							54.7	testing
Pass							54.74	testing
Pass							56.15	testing
Pass							56.18	testing
Pass							56.53	testing
Pass							55.81	testing
Pass							55.76	testing
Pass							56.4	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
24-Aug-08	1			-0.015539			PASS	Standardiz
24-Aug-08	2				20758	F1		Soil
24-Aug-08	3				NIST2710	high		Soil
24-Aug-08	4				NIST2711	medium		Soil
24-Aug-08	5				30513	F1-10 sieve		Soil
24-Aug-08	6				30513	F1-10 sieve		Soil
24-Aug-08	7				30513	F1-10 sieve		Soil
24-Aug-08	8				30513	F1-60 sieve		Soil
24-Aug-08	9				30513	F1-60 sieve		Soil
24-Aug-08	10				30513	F1-60 sieve		Soil
24-Aug-08	11				30513	F2		Soil
24-Aug-08	12				30513	F2		Soil
24-Aug-08	13				30513	F2		Soil
24-Aug-08	14				30513	B2		Soil
24-Aug-08	15				30513	B2		Soil
24-Aug-08	16				30513	B2		Soil
24-Aug-08	17				30513	DZ		Soil
24-Aug-08	18				30513	DZ		Soil
24-Aug-08	19				30513	DZ		Soil
24-Aug-08	20				30513	DW		Soil
24-Aug-08	21				30513	DW		Soil
24-Aug-08	22				30513	DW		Soil
24-Aug-08	23				30177	F1		Soil
24-Aug-08	24				30177	F1		Soil
24-Aug-08	25			-0.019203			PASS	Standardiz
24-Aug-08	26				30177	F1		Soil
24-Aug-08	27				30177	F2		Soil
24-Aug-08	28				30177	F2		Soil
24-Aug-08	29				30177	F2		Soil
24-Aug-08	30				30177	B1		Soil
24-Aug-08	31				30177	B1		Soil
24-Aug-08	32				30177	B1		Soil
24-Aug-08	33				30177	B2		Soil
24-Aug-08	34				30177	B2		Soil
24-Aug-08	35				30177	B2		Soil
24-Aug-08	36				30177	B2-bio		Soil
24-Aug-08	37				30177	B2-bio		Soil
24-Aug-08	38				30177	B2-bio		Soil
24-Aug-08	39				30177	DZ		Soil
24-Aug-08	40				30177	DZ		Soil
24-Aug-08	41				30177	DZ		Soil
24-Aug-08	42				30177	DW		Soil
24-Aug-08	43				30177	DW		Soil
24-Aug-08	44				30177	DW		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
10:44:59								
10:46:20	shot 2			<LOD		0	NA	
10:49:07				<LOD		0	NA	
10:52:06				<LOD		0	NA	
10:56:05	shot 1			<LOD		0	NA	
11:00:13	shot 2			<LOD		0	NA	
11:04:02	shot 3			<LOD		0	NA	
11:07:13	shot 1			<LOD		0	NA	
11:09:54	shot 2			<LOD		0	NA	
11:13:02	shot 3			<LOD		0	NA	
11:18:51	shot 1			<LOD		0	NA	
11:21:47	shot 2			<LOD		0	NA	
11:24:12	shot 3			<LOD		0	NA	
11:31:08	shot 1			<LOD		0	NA	
11:35:47	shot 2			<LOD		0	NA	
11:38:20	shot 3			<LOD		0	NA	
11:41:22	shot 1			<LOD		0	NA	
11:44:41	shot 2			<LOD		0	NA	
11:52:43	shot 3			<LOD		0	NA	
11:55:23	shot 1			<LOD		0	NA	
11:57:57	shot 2			<LOD		0	NA	
12:00:20	shot 3			<LOD		0	NA	
14:42:00	shot 1			<LOD		0	NA	
14:44:42	shot 2			<LOD		0	NA	
14:47:14								
14:48:45	shot 3			<LOD		0	NA	
14:51:49	shot 1			<LOD		0	NA	
14:54:37	shot 2			<LOD		0	NA	
14:57:02	shot 3			<LOD		0	NA	
14:59:40	shot 1			<LOD		0	NA	
15:02:25	shot 2			<LOD		0	NA	
15:04:46	shot 3			<LOD		0	NA	
15:07:12	shot 1			<LOD		0	NA	
15:09:32	shot 2			<LOD		0	NA	
15:12:38	shot 3			<LOD		0	NA	
15:15:08	shot 1			<LOD		0	NA	
15:18:52	shot 2			<LOD		0	NA	
15:22:40	shot 3			<LOD		0	NA	
15:25:15	shot 1			<LOD		0	NA	
15:28:02	shot 2			<LOD		0	NA	
15:30:11	shot 3			<LOD		0	NA	
15:32:35	shot 1			<LOD		0	NA	
15:37:30	shot 2			<LOD		0	NA	
15:40:58	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3914	313	Pass	<LOD	97
	NA			3610	383	Pass	<LOD	123
	NA			2949	303	Pass	<LOD	97
	NA			4985	374	Pass	168	35
	NA			4328	361	Pass	194	36
	NA			3929	358	Pass	172	35
	NA			4438	357	Pass	<LOD	97
	NA			4698	352	Pass	185	34
	NA			3652	353	Pass	124	34
	NA			4365	307	Pass	<LOD	85
	NA			3927	298	Pass	134	30
	NA			4054	299	Pass	<LOD	82
	NA			5088	296	Pass	<LOD	78
	NA			4921	297	Pass	<LOD	74
	NA			4745	294	Pass	<LOD	79
	NA			4266	308	Pass	<LOD	85
	NA			4098	307	Pass	<LOD	87
	NA			4531	313	Pass	<LOD	84
	NA			<LOD	2958		506	85
	NA			<LOD	2931		515	84
	NA			<LOD	2974		515	85
	NA			3324	499	Pass	203	47
	NA			3609	503	Pass	176	46
	NA			4257	511	Pass	276	48
	NA			4537	438	Pass	<LOD	116
	NA			4729	465	Pass	130	41
	NA			4388	443	Pass	168	41
	NA			3955	423	Pass	168	40
	NA			5242	440	Pass	188	40
	NA			3950	435	Pass	<LOD	117
	NA			3728	349	Pass	112	34
	NA			4203	348	Pass	<LOD	96
	NA			4585	357	Pass	<LOD	100
	NA			4268	347	Pass	<LOD	99
	NA			4166	341	Pass	<LOD	96
	NA			4232	341	Pass	131	34
	NA			3926	374	Pass	<LOD	105
	NA			4592	359	Pass	154	35
	NA			4877	376	Pass	118	35
	NA			<LOD	3157		507	92
	NA			<LOD	3267		503	95
	NA			<LOD	3235		564	95

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	442	31	Pass	31638	313	Pass	<LOD	168
	10300	158	Pass	38538	424	Pass	<LOD	209
	495	32	Pass	25247	262	Pass	<LOD	153
Pass	538	31	Pass	18127	192	Pass	<LOD	127
Pass	551	31	Pass	17450	185	Pass	<LOD	124
Pass	552	31	Pass	17624	185	Pass	<LOD	125
	429	28	Pass	15886	170	Pass	<LOD	118
Pass	443	28	Pass	15714	168	Pass	<LOD	114
Pass	473	29	Pass	15945	171	Pass	<LOD	117
	550	29	Pass	13476	146	Pass	<LOD	105
Pass	548	28	Pass	13307	143	Pass	<LOD	103
	532	28	Pass	13634	146	Pass	<LOD	106
	527	27	Pass	12040	132	Pass	<LOD	99
	478	27	Pass	12187	135	Pass	<LOD	100
	485	27	Pass	12276	136	Pass	<LOD	99
	485	28	Pass	14748	157	Pass	<LOD	109
	491	28	Pass	14507	156	Pass	<LOD	112
	467	27	Pass	14804	159	Pass	<LOD	111
Pass	1193	56	Pass	30380	347	Pass	<LOD	187
Pass	1235	57	Pass	29711	340	Pass	<LOD	182
Pass	1283	58	Pass	29945	342	Pass	<LOD	184
Pass	745	39	Pass	30529	313	Pass	<LOD	169
Pass	817	40	Pass	30540	312	Pass	<LOD	169
Pass	783	39	Pass	30443	310	Pass	<LOD	170
	770	37	Pass	23442	243	Pass	<LOD	148
Pass	919	40	Pass	24316	256	Pass	<LOD	152
Pass	816	38	Pass	22996	241	Pass	<LOD	145
Pass	916	39	Pass	22394	237	Pass	<LOD	145
Pass	927	40	Pass	21743	231	Pass	<LOD	143
	890	39	Pass	21227	226	Pass	<LOD	142
Pass	740	35	Pass	21598	222	Pass	<LOD	138
	645	33	Pass	22826	230	Pass	<LOD	140
	819	36	Pass	23834	239	Pass	<LOD	143
	660	33	Pass	22346	226	Pass	<LOD	140
	606	32	Pass	22454	225	Pass	<LOD	136
Pass	637	33	Pass	21502	222	Pass	<LOD	138
	712	35	Pass	23896	243	Pass	<LOD	146
Pass	617	32	Pass	21651	222	Pass	<LOD	138
Pass	661	34	Pass	22985	235	Pass	<LOD	142
Pass	1235	62	Pass	54169	605	Pass	<LOD	258
Pass	1237	64	Pass	60598	673	Pass	<LOD	274
Pass	1254	63	Pass	52251	595	Pass	<LOD	256

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	76	11	Pass	23	7	Pass	92	5
	<LOD	40		3061	46	Pass	7048	81
	38	11	Pass	100	9	Pass	306	9
	32	10	Pass	<LOD	20		177	7
	<LOD	28		<LOD	19		168	6
	<LOD	28		23	7	Pass	188	7
	<LOD	27		<LOD	19		157	6
	<LOD	25		27	7	Pass	161	6
	<LOD	26		24	7	Pass	162	6
	<LOD	25		33	7	Pass	112	5
	31	9	Pass	<LOD	18		112	5
	<LOD	25		20	6	Pass	108	5
	<LOD	25		<LOD	17		95	5
	<LOD	24		23	6	Pass	89	5
	<LOD	24		<LOD	18		84	5
	<LOD	25		<LOD	18		133	6
	<LOD	26		22	6	Pass	145	6
	30	9	Pass	25	6	Pass	143	6
	40	13	Pass	35	9	Pass	468	13
	63	13	Pass	29	9	Pass	480	13
	<LOD	36		44	9	Pass	426	12
	48	11	Pass	47	8	Pass	462	11
	<LOD	33		37	8	Pass	472	11
	<LOD	33		43	8	Pass	469	11
	42	11	Pass	21	7	Pass	371	10
	<LOD	31		29	7	Pass	390	10
	<LOD	30		29	7	Pass	369	10
	46	11	Pass	35	7	Pass	325	9
	<LOD	31		38	7	Pass	316	9
	<LOD	31		28	7	Pass	310	9
	34	10	Pass	29	7	Pass	266	8
	39	10	Pass	28	7	Pass	272	8
	<LOD	29		31	7	Pass	298	9
	<LOD	29		27	7	Pass	287	8
	<LOD	28		43	7	Pass	269	8
	51	10	Pass	35	7	Pass	261	8
	34	10	Pass	42	7	Pass	284	8
	<LOD	28		36	7	Pass	270	8
	<LOD	28		37	7	Pass	277	8
	85	16	Pass	<LOD	28		1153	22
	58	16	Pass	35	10	Pass	1214	23
	<LOD	45		40	10	Pass	1325	25

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	13	2	Pass	<LOD	3		92	2
Pass	716	24	Pass	<LOD	11		129	4
Pass	111	9	Pass	<LOD	5		112	3
Pass	<LOD	16		<LOD	4		54	2
Pass	<LOD	15		<LOD	4		56	2
Pass	<LOD	14		<LOD	4		54	2
Pass	22	5	Pass	<LOD	3		51	2
Pass	<LOD	13		<LOD	4		50	2
Pass	<LOD	14		<LOD	4		56	2
Pass	<LOD	11		<LOD	3		58	2
Pass	<LOD	11		<LOD	3		59	2
Pass	<LOD	11		<LOD	3		57	2
Pass	<LOD	11		<LOD	3		57	2
Pass	<LOD	11		<LOD	3		58	2
Pass	<LOD	11		<LOD	3		59	2
Pass	<LOD	14		<LOD	3		55	2
Pass	<LOD	14		<LOD	4		54	2
Pass	<LOD	14		<LOD	4		59	2
Pass	27	7	Pass	<LOD	5		30	2
Pass	25	7	Pass	<LOD	5		30	2
Pass	<LOD	20		<LOD	5		29	2
Pass	<LOD	23		<LOD	5		70	2
Pass	<LOD	23		<LOD	5		67	2
Pass	40	8	Pass	<LOD	5		68	2
Pass	<LOD	20		<LOD	4		70	2
Pass	25	7	Pass	<LOD	4		75	2
Pass	<LOD	21		<LOD	5		70	2
Pass	<LOD	17		<LOD	4		72	2
Pass	<LOD	17		<LOD	4		69	2
Pass	18	6	Pass	<LOD	4		70	2
Pass	<LOD	17		<LOD	4		72	2
Pass	<LOD	17		<LOD	4		73	2
Pass	<LOD	18		<LOD	4		75	2
Pass	<LOD	17		<LOD	4		69	2
Pass	<LOD	17		<LOD	4		73	2
Pass	<LOD	17		<LOD	4		71	2
Pass	23	7	Pass	<LOD	4		74	2
Pass	<LOD	18		<LOD	4		72	2
Pass	27	6	Pass	<LOD	4		76	2
Pass	58	11	Pass	<LOD	6		25	2
Pass	46	11	Pass	<LOD	6		20	2
Pass	52	11	Pass	<LOD	6		20	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	224	4	Pass	84	3	Pass	<LOD	7
Pass	343	6	Pass	46	4	Pass	13	3
Pass	253	4	Pass	260	5	Pass	<LOD	8
Pass	102	3	Pass	568	7	Pass	8	3
Pass	107	3	Pass	570	7	Pass	<LOD	8
Pass	105	3	Pass	535	7	Pass	8	3
Pass	110	3	Pass	614	7	Pass	<LOD	8
Pass	119	3	Pass	619	7	Pass	9	3
Pass	114	3	Pass	597	7	Pass	<LOD	8
Pass	92	2	Pass	600	7	Pass	<LOD	8
Pass	91	2	Pass	605	7	Pass	<LOD	8
Pass	95	2	Pass	600	7	Pass	<LOD	8
Pass	89	2	Pass	622	7	Pass	<LOD	8
Pass	87	2	Pass	626	7	Pass	9	3
Pass	86	2	Pass	626	7	Pass	9	3
Pass	89	2	Pass	573	7	Pass	<LOD	8
Pass	87	2	Pass	585	7	Pass	<LOD	8
Pass	94	2	Pass	582	7	Pass	8	3
Pass	482	7	Pass	385	7	Pass	<LOD	9
Pass	493	7	Pass	385	7	Pass	<LOD	9
Pass	493	7	Pass	379	7	Pass	<LOD	9
Pass	199	4	Pass	337	6	Pass	<LOD	8
Pass	184	4	Pass	344	6	Pass	<LOD	8
Pass	187	4	Pass	330	5	Pass	8	3
Pass	172	3	Pass	426	6	Pass	<LOD	8
Pass	172	3	Pass	450	6	Pass	14	3
Pass	166	3	Pass	444	6	Pass	<LOD	8
Pass	208	4	Pass	394	6	Pass	<LOD	8
Pass	215	4	Pass	414	6	Pass	10	3
Pass	209	4	Pass	402	6	Pass	<LOD	8
Pass	111	3	Pass	400	6	Pass	9	3
Pass	100	2	Pass	423	6	Pass	9	3
Pass	111	3	Pass	404	6	Pass	<LOD	8
Pass	101	3	Pass	427	6	Pass	9	3
Pass	110	3	Pass	430	6	Pass	9	3
Pass	100	3	Pass	414	6	Pass	<LOD	8
Pass	121	3	Pass	423	6	Pass	<LOD	8
Pass	116	3	Pass	453	6	Pass	8	3
Pass	114	3	Pass	431	6	Pass	<LOD	8
Pass	533	8	Pass	54	5	Pass	<LOD	9
Pass	532	8	Pass	30	5	Pass	<LOD	9
Pass	524	8	Pass	56	5	Pass	<LOD	9

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	29		<LOD	36		<LOD	57
Pass	<LOD	34		<LOD	42		<LOD	68
	<LOD	30		41	13	Pass	<LOD	62
Pass	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	29		<LOD	35		<LOD	59
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	56
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	34		<LOD	42		<LOD	70
	<LOD	34		<LOD	42		<LOD	70
	<LOD	34		<LOD	42		<LOD	70
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	38		<LOD	63
Pass	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	60
Pass	<LOD	31		<LOD	38		<LOD	63
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
Pass	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	36		<LOD	44		<LOD	73
	<LOD	36		<LOD	44		<LOD	73
	<LOD	36		<LOD	44		78	25

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	59		NA			<LOD	555
	<LOD	70		NA			<LOD	705
	<LOD	66		NA			715	187
	<LOD	63		NA			3148	240
	<LOD	63		NA			3202	236
	<LOD	63		NA			3405	238
	<LOD	62		NA			3133	232
	<LOD	61		NA			2768	225
	<LOD	62		NA			3530	237
	<LOD	60		NA			1293	185
	<LOD	59		NA			1367	184
	<LOD	59		NA			1279	182
	<LOD	59		NA			<LOD	498
	<LOD	60		NA			571	168
	<LOD	60		NA			545	168
	<LOD	61		NA			1382	188
	<LOD	61		NA			1389	188
	<LOD	61		NA			1266	188
	<LOD	73		NA			45485	890
	<LOD	73		NA			43863	871
	<LOD	74		NA			44741	883
	<LOD	66		NA			9673	369
	<LOD	66		NA			9774	371
	<LOD	65		NA			9890	373
	<LOD	64		NA			6215	304
	<LOD	66		NA			7037	325
	<LOD	64		NA			6482	310
	<LOD	65		NA			5599	294
	<LOD	66		NA			5507	297
	<LOD	65		NA			6370	306
	<LOD	62		NA			2745	228
	<LOD	62		NA			2405	222
	<LOD	62		NA			2468	226
	<LOD	62		NA			2356	221
	<LOD	62		NA			2293	217
	<LOD	63		NA			1940	214
	<LOD	63		NA			3567	249
	<LOD	63		NA			2553	228
	<LOD	64		NA			2958	240
	<LOD	77		NA			47820	957
	<LOD	76		NA			51376	1004
Pass	<LOD	78		NA			48504	981

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
	<LOD	10		<LOD	8		18	3
	67	15	Pass	<LOD	49		5635	64
Pass	<LOD	20		<LOD	22		1154	17
Pass	<LOD	13		16	5	Pass	408	9
Pass	<LOD	13		<LOD	14		380	9
Pass	<LOD	13		<LOD	13		358	8
Pass	<LOD	12		17	4	Pass	296	8
Pass	<LOD	12		<LOD	13		297	8
Pass	<LOD	12		<LOD	13		316	8
Pass	<LOD	11		<LOD	11		212	6
Pass	<LOD	11		<LOD	11		192	6
Pass	<LOD	10		<LOD	11		204	6
	<LOD	11		<LOD	11		217	6
Pass	<LOD	11		<LOD	11		221	6
Pass	<LOD	11		<LOD	11		212	6
Pass	<LOD	12		<LOD	13		354	8
Pass	<LOD	12		<LOD	13		337	8
Pass	<LOD	13		<LOD	13		352	8
Pass	<LOD	17		<LOD	17		459	11
Pass	<LOD	17		<LOD	18		470	11
Pass	<LOD	16		<LOD	17		473	11
Pass	<LOD	17		<LOD	19		821	14
Pass	<LOD	17		<LOD	19		811	14
Pass	<LOD	17		<LOD	18		772	14
Pass	<LOD	15		<LOD	17		665	12
Pass	<LOD	16		<LOD	18		712	13
Pass	<LOD	16		<LOD	17		687	12
Pass	<LOD	15		<LOD	15		460	10
Pass	<LOD	14		<LOD	15		445	10
Pass	<LOD	15		<LOD	15		455	10
Pass	<LOD	14		<LOD	15		488	10
Pass	<LOD	14		<LOD	15		493	10
Pass	<LOD	14		<LOD	15		526	10
Pass	<LOD	13		<LOD	14		489	10
Pass	<LOD	14		<LOD	14		484	10
Pass	<LOD	14		<LOD	14		469	10
Pass	<LOD	15		<LOD	16		636	12
Pass	<LOD	14		<LOD	16		576	11
Pass	<LOD	15		<LOD	16		618	11
Pass	<LOD	24		<LOD	26		1267	22
Pass	<LOD	24		30	9	Pass	1276	22
Pass	<LOD	24		<LOD	27		1287	22

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019814			224			47.05	
Pass							56.98	testing
Pass							55.36	testing
Pass							54.53	testing
Pass							52.7	testing
Pass							52.6	testing
Pass							52.56	testing
Pass							52.38	testing
Pass							52.35	testing
Pass							53.03	testing
Pass							51.86	testing
Pass							51.81	testing
Pass							51.82	testing
Pass							51.64	testing
Pass							51.89	testing
Pass							51.74	testing
Pass							51.42	testing
Pass							51.76	testing
Pass							51.66	testing
Pass							56.24	testing
Pass							56.26	testing
Pass							56.12	testing
Pass							54.65	testing
Pass							53.96	testing
	0.019814			225			47.4	
Pass							53.97	testing
Pass							54	testing
Pass							54.03	testing
Pass							54.43	testing
Pass							54.36	testing
Pass							54.27	testing
Pass							54.25	testing
Pass							53.88	testing
Pass							53.05	testing
Pass							53.26	testing
Pass							53.47	testing
Pass							54.01	testing
Pass							53.85	testing
Pass							53.37	testing
Pass							53.83	testing
Pass							53.36	testing
Pass							56.89	testing
Pass							57.05	testing
Pass							57.45	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
25-Aug-08	1			-0.018486			PASS	Standardiz
25-Aug-08	2				NIST2710	high		Soil
25-Aug-08	3				NIST2711	medium		Soil
25-Aug-08	4				NIST2709	low		Soil
25-Aug-08	5				30364	F1-10 sieve		Soil
25-Aug-08	6				30364	F1-10 sieve		Soil
25-Aug-08	7				30364	F1-10 sieve		Soil
25-Aug-08	8				30364	F2		Soil
25-Aug-08	9				30364	F2		Soil
25-Aug-08	10				30364	F2		Soil
25-Aug-08	11				30364	F1-60 sieve		Soil
25-Aug-08	12				30364	F1-60 sieve		Soil
25-Aug-08	13				30364	F1-60 sieve		Soil
25-Aug-08	14				30364	B1		Soil
25-Aug-08	15				30364	B1		Soil
25-Aug-08	16				30364	B1		Soil
25-Aug-08	17				30364	B2-10 sieve		Soil
25-Aug-08	18				30364	B2-60 sieve		Soil
25-Aug-08	19				30364	B2-60 sieve		Soil
25-Aug-08	20				30364	B2-60 sieve		Soil
25-Aug-08	21				30364	B2-60 sieve		Soil
25-Aug-08	22				30364	B2-60 sieve		Soil
25-Aug-08	23				30364	DZ		Soil
25-Aug-08	24				30364	DZ		Soil
25-Aug-08	25				30364	DZ		Soil
25-Aug-08	26				30364	DW-10 sieve		Soil
25-Aug-08	27				30364	DW-10 sieve		Soil
25-Aug-08	28				30364	DW-10 sieve		Soil
25-Aug-08	29				30364	DW-60 sieve		Soil
25-Aug-08	30				30364	DW-60 sieve		Soil
25-Aug-08	31				30364	DW-60 sieve		Soil
25-Aug-08	32				5017	F1		Soil
25-Aug-08	33				5017	F1		Soil
25-Aug-08	34				5017	F1		Soil
25-Aug-08	35				5017	F1-bio		Soil
25-Aug-08	36				5017	F1-bio		Soil
25-Aug-08	37				5017	F2		Soil
25-Aug-08	38				5017	F2		Soil
25-Aug-08	39				5017	F2		Soil
25-Aug-08	40				5017	B1		Soil
25-Aug-08	41				5017	B1		Soil
25-Aug-08	42				5017	B1		Soil
25-Aug-08	43				5017	B2		Soil
25-Aug-08	44				5017	B2		Soil
25-Aug-08	45				5017	B2		Soil
25-Aug-08	46				5017	DZ		Soil
25-Aug-08	47				5017	DZ		Soil
25-Aug-08	48				5017	DZ		Soil
25-Aug-08	49				5010	F1		Soil
25-Aug-08	50				5010	F1		Soil

25-Aug-08	51		5010	F1		Soil
25-Aug-08	52		5010	F2		Soil
25-Aug-08	53		5010	F2		Soil
25-Aug-08	54		5010	F2		Soil
25-Aug-08	55		5010	B1		Soil
25-Aug-08	56		5010	B1		Soil
25-Aug-08	57		5010	B1		Soil
25-Aug-08	58		5010	B2		Soil
25-Aug-08	59		5010	B2		Soil
25-Aug-08	60		5010	B2		Soil
25-Aug-08	61		5010	DZ		Soil
25-Aug-08	62		5010	DZ		Soil
25-Aug-08	63		5010	DZ		Soil
25-Aug-08	64		5010	DW		Soil
25-Aug-08	65		5010	DW		Soil
25-Aug-08	66		5010	DW		Soil
25-Aug-08	67		20428	F1		Soil
25-Aug-08	68		20428	F1		Soil
25-Aug-08	69		20428	F1		Soil
25-Aug-08	70		20428	F2-10 sieve		Soil
25-Aug-08	71		20428	F2-10 sieve		Soil
25-Aug-08	72		20428	F2-10 sieve		Soil
25-Aug-08	73		20428	F2-60 sieve		Soil
25-Aug-08	74		20428	F2-60sieve		Soil
25-Aug-08	75		20428	F2-60 sieve		Soil
25-Aug-08	76		20428	B1		Soil
25-Aug-08	77		20428	B1		Soil
25-Aug-08	78		20428	B1		Soil
25-Aug-08	79		20428	B2		Soil
25-Aug-08	80		20428	B2		Soil
25-Aug-08	81		20428	B2		Soil
25-Aug-08	82		20428	B2-bio		Soil
25-Aug-08	83		20428	B2-bio		Soil
25-Aug-08	84		20428	B2-bio		Soil
25-Aug-08	85		20428	DZ		Soil
25-Aug-08	86		20428	DZ		Soil
25-Aug-08	87		20428	DZ		Soil
25-Aug-08	88		20428	DW		Soil
25-Aug-08	89	-0.015587			PASS	Standardiz
25-Aug-08	90		20428	DW		Soil
25-Aug-08	91		20428	DW		Soil
25-Aug-08	92		20428	GZ		Soil
25-Aug-08	93		20428	GZ		Soil
25-Aug-08	94		20428	GZ		Soil
25-Aug-08	95		5012	F1		Soil
25-Aug-08	96		5012	F1		Soil
25-Aug-08	97		5012	F1		Soil
25-Aug-08	98		5012	F2		Soil
25-Aug-08	99		5012	F2		Soil
25-Aug-08	100		5012	F2		Soil
25-Aug-08	101		5012	B1		Soil

25-Aug-08	102	5012	B1	Soil
25-Aug-08	103	5012	B1	Soil
25-Aug-08	104	5012	B2	Soil
25-Aug-08	105	5012	B2	Soil
25-Aug-08	106	5012	B2	Soil
25-Aug-08	107	5012	DZ	Soil
25-Aug-08	108	5012	DZ	Soil
25-Aug-08	109	5012	DZ	Soil
25-Aug-08	110	5012	GZ	Soil
25-Aug-08	111	5012	GZ	Soil
25-Aug-08	112	5012	GZ	Soil
25-Aug-08	113	5012	DW	Soil
25-Aug-08	114	5012	DW	Soil
25-Aug-08	115	5012	DW	Soil
25-Aug-08	116	30172	F1	Soil
25-Aug-08	117	30172	F1	Soil
25-Aug-08	118	30172	F1	Soil
25-Aug-08	119	30172	F2-10 sieve	Soil
25-Aug-08	120	30172	F2-10 sieve	Soil
25-Aug-08	121	30172	F2-10 sieve	Soil
25-Aug-08	122	30172	F2-60 sieve	Soil
25-Aug-08	123	30172	F2-60 sieve	Soil
25-Aug-08	124	30172	F2-60 sieve	Soil
25-Aug-08	125	30172	B1	Soil
25-Aug-08	126	30172	B1	Soil
25-Aug-08	127	30172	B1	Soil
25-Aug-08	128	30172	B2	Soil
25-Aug-08	129	30172	B2	Soil
25-Aug-08	130	NIST2709	low	Soil
25-Aug-08	131	30172	DZ	Soil
25-Aug-08	132	30172	DZ	Soil
25-Aug-08	133	30172	DZ	Soil
25-Aug-08	134	30172	DW	Soil
25-Aug-08	135	30172	DW	Soil
25-Aug-08	136	30172	DW	Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
6:54:26								
6:55:48				<LOD		0	NA	
6:59:36				<LOD		0	NA	
7:02:25				<LOD		0	NA	
7:04:34	shot 1			<LOD		0	NA	
7:07:06	shot 2			<LOD		0	NA	
7:10:21	shot 3			<LOD		0	NA	
7:12:58	shot 1			<LOD		0	NA	
7:16:20	shot 2			<LOD		0	NA	
7:19:33	shot 3			<LOD		0	NA	
7:21:57	shot 1			<LOD		0	NA	
7:24:54	shot 2			<LOD		0	NA	
7:27:43	shot 3			<LOD		0	NA	
7:31:34	shot 1			<LOD		0	NA	
7:34:00	shot 2			<LOD		0	NA	
7:36:27	shot 3			<LOD		0	NA	
7:39:02	shot 1			<LOD		0	NA	
7:41:35	shot 2			<LOD		0	NA	
7:44:02	shot 3			<LOD		0	NA	
7:46:36	shot 1			<LOD		0	NA	
7:48:49	shot 2			<LOD		0	NA	
7:51:54	shot 3			<LOD		0	NA	
7:54:34	shot 1			<LOD		0	NA	
7:56:56	shot 2			<LOD		0	NA	
7:59:20	shot 3			<LOD		0	NA	
8:01:43	shot 1			<LOD		0	NA	
8:04:08	shot 2			<LOD		0	NA	
8:06:20	shot 3			<LOD		0	NA	
8:08:51	shot 1			<LOD		0	NA	
8:11:25	shot 2			<LOD		0	NA	
8:13:48	shot 3			<LOD		0	NA	
8:18:07	shot 1			<LOD		0	NA	
8:20:23	shot 2			<LOD		0	NA	
8:22:45	shot 3			<LOD		0	NA	
8:25:09	shot 1			<LOD		0	NA	
8:27:45	shot 2			<LOD		0	NA	
8:35:36	shot 1			<LOD		0	NA	
8:37:52	shot 2			<LOD		0	NA	
8:40:08	shot 3			<LOD		0	NA	
8:43:04	shot 1			<LOD		0	NA	
8:45:25	shot 2			<LOD		0	NA	
8:48:12	shot 3			<LOD		0	NA	
8:50:57	shot 1			<LOD		0	NA	
8:53:30	shot 2			<LOD		0	NA	
8:56:20	shot 3			<LOD		0	NA	
8:58:39	shot 1			<LOD		0	NA	
9:01:04	shot 2			<LOD		0	NA	
9:03:28	shot 3			<LOD		0	NA	
9:08:44	shot 1			<LOD		0	NA	
9:10:57	shot 2			<LOD		0	NA	

9:13:13	shot 3	<LOD	0	NA
9:15:40	shot 1	<LOD	0	NA
9:18:05	shot 2	<LOD	0	NA
9:20:23	shot 3	<LOD	0	NA
9:23:05	shot 1	<LOD	0	NA
9:25:57	shot 2	<LOD	0	NA
9:28:31	shot 3	<LOD	0	NA
9:31:30	shot 1	<LOD	0	NA
9:34:03	shot 2	<LOD	0	NA
9:36:19	shot 3	<LOD	0	NA
9:38:45	shot 1	<LOD	0	NA
9:41:25	shot 2	<LOD	0	NA
9:43:47	shot 3	<LOD	0	NA
9:46:22	shot 1	<LOD	0	NA
9:48:40	shot 2	<LOD	0	NA
9:55:44	shot 3	<LOD	0	NA
9:59:09	shot 1	<LOD	0	NA
10:01:51	shot 2	<LOD	0	NA
10:05:12	shot 3	<LOD	0	NA
10:07:59	shot 1	<LOD	0	NA
10:10:22	shot 2	<LOD	0	NA
10:13:42	shot 3	<LOD	0	NA
10:16:23	shot 1	<LOD	0	NA
10:19:04	shot 2	<LOD	0	NA
10:21:30	shot 3	<LOD	0	NA
10:23:56	shot 1	<LOD	0	NA
10:26:14	shot 2	<LOD	0	NA
10:28:32	shot 3	<LOD	0	NA
10:30:59	shot 2	<LOD	0	NA
10:33:25	shot 2	<LOD	0	NA
10:36:05	shot 3	<LOD	0	NA
10:38:22	shot 1	<LOD	0	NA
10:41:02	shot 2	<LOD	0	NA
10:43:22	shot 3	<LOD	0	NA
10:46:11	shot 1	<LOD	0	NA
10:48:32	shot 2	<LOD	0	NA
10:51:03	shot 3	<LOD	0	NA
10:53:58	shot 1	<LOD	0	NA
10:56:54				
10:59:00	shot 2	<LOD	0	NA
11:01:27	shot 3	<LOD	0	NA
11:03:46	shot 1	<LOD	0	NA
11:06:04	shot 2	<LOD	0	NA
11:08:43	shot 3	<LOD	0	NA
12:01:01	shot1	<LOD	0	NA
12:03:46	shot 2	<LOD	0	NA
12:06:09	shot 3	<LOD	0	NA
12:08:31	shot 1	<LOD	0	NA
12:11:53	shot 2	<LOD	0	NA
12:15:31	shot 3	<LOD	0	NA
12:18:15	shot 1	<LOD	0	NA

12:20:50	shot 2	<LOD	0	NA
12:23:11	shot 3	<LOD	0	NA
12:26:09	shot 1	<LOD	0	NA
12:28:29	shot 2	<LOD	0	NA
12:31:05	shot 3	<LOD	0	NA
12:33:24	shot 1	<LOD	0	NA
12:35:57	shot 2	<LOD	0	NA
12:38:12	shot 3	<LOD	0	NA
12:40:29	shot 1	<LOD	0	NA
12:44:43	shot 2	<LOD	0	NA
12:47:00	shot 3	<LOD	0	NA
12:49:21	shot 1	<LOD	0	NA
12:52:33	shot 2	<LOD	0	NA
12:54:49	shot 3	<LOD	0	NA
13:01:10	shot 1	<LOD	0	NA
13:03:51	shot 2	<LOD	0	NA
13:06:22	shot 3	<LOD	0	NA
13:09:46	shot 1	<LOD	0	NA
13:12:23	shot 2	<LOD	0	NA
13:14:50	shot 3	<LOD	0	NA
13:17:40	shot 1	<LOD	0	NA
13:20:08	shot 2	<LOD	0	NA
13:22:34	shot 3	<LOD	0	NA
13:28:41	shot 1	<LOD	0	NA
13:31:11	shot 2	<LOD	0	NA
13:33:57	shot 3	<LOD	0	NA
13:36:23	shot 1	<LOD	0	NA
13:38:55	shot 2	<LOD	0	NA
13:41:46		<LOD	0	NA
13:44:46	shot 1	<LOD	0	NA
13:47:14	shot 2	<LOD	0	NA
13:49:36	shot 3	<LOD	0	NA
13:57:14	shot 1	<LOD	0	NA
13:59:35	shot 2	<LOD	0	NA
14:03:25	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
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	NA			2687	298	Pass	<LOD	96
	NA			3286	317	Pass	<LOD	99
	NA			3225	459	Pass	171	45
	NA			3235	459	Pass	<LOD	131
	NA			3556	449	Pass	173	44
	NA			<LOD	2409		382	70
	NA			3169	809	Pass	369	69
	NA			3368	821	Pass	444	72
	NA			4050	433	Pass	219	43
	NA			3520	478	Pass	190	46
	NA			2872	458	Pass	156	44
	NA			3504	401	Pass	121	38
	NA			3502	387	Pass	122	37
	NA			3218	408	Pass	156	40
	NA			3612	492	Pass	188	48
	NA			3664	459	Pass	233	46
	NA			3255	493	Pass	<LOD	139
	NA			3496	456	Pass	<LOD	131
	NA			3051	458	Pass	202	46
	NA			2787	468	Pass	<LOD	134
	NA			3139	544	Pass	<LOD	147
	NA			2591	528	Pass	164	50
	NA			1994	548	Pass	211	52
	NA			<LOD	4633		695	127
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	NA			4608	323	Pass	107	30
	NA			3906	304	Pass	94	30
	NA			4708	316	Pass	<LOD	82
	NA			4680	341	Pass	105	32
	NA			4994	318	Pass	<LOD	81
	NA			3915	303	Pass	<LOD	84
	NA			4568	311	Pass	126	30
	NA			4872	314	Pass	127	30
	NA			4968	317	Pass	<LOD	85
	NA			3944	312	Pass	<LOD	86
	NA			4885	319	Pass	92	29
	NA			4479	307	Pass	<LOD	84
	NA			4581	309	Pass	<LOD	83
	NA			4749	378	Pass	<LOD	98
	NA			3774	369	Pass	<LOD	100
	NA			3622	373	Pass	109	34
	NA			4528	312	Pass	<LOD	86
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NA	4648	373	Pass	<LOD	103
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NA	4203	381	Pass	<LOD	104
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NA	4147	345	Pass	145	34
NA	4397	344	Pass	171	34
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NA	3913	391	Pass	<LOD	107
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NA	4381	392	Pass	126	36
NA	4096	395	Pass	<LOD	109
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NA	3614	377	Pass	134	36
NA	3704	387	Pass	195	40
NA	3901	390	Pass	147	38
NA	3287	404	Pass	128	40
NA	2267	511	Pass	180	46
NA	3647	526	Pass	301	49
NA	2703	515	Pass	187	46
NA	3592	314	Pass	<LOD	92
NA	3864	314	Pass	106	31
NA	3785	311	Pass	130	32
NA	4462	349	Pass	<LOD	97
NA	3852	338	Pass	<LOD	99
NA	3900	349	Pass	<LOD	103
NA	4404	307	Pass	100	30
NA	4056	306	Pass	<LOD	85
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NA	4516	320	Pass	<LOD	90
NA	4343	320	Pass	<LOD	84
NA	3375	335	Pass	115	33
NA	3635	347	Pass	<LOD	97
NA	3232	342	Pass	<LOD	94
NA	4346	316	Pass	<LOD	84
NA	4301	311	Pass	90	30
NA	3755	305	Pass	<LOD	89
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NA	4084	301	Pass	<LOD	83
NA	2227	424	Pass	<LOD	117
NA	3105	426	Pass	162	40
NA	2737	439	Pass	139	41
NA	3060	619	Pass	342	57
NA	2675	630	Pass	179	55
NA	2858	596	Pass	<LOD	155
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NA	3759	354	Pass	144	36
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NA	3249	334	Pass	<LOD	101
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NA	2265	607	Pass	198	54
NA	2933	573	Pass	182	51
NA	3170	630	Pass	375	58
NA	<LOD	2285		256	65
NA	<LOD	2282		203	64
NA	2369	708	Pass	334	63
NA	4250	365	Pass	<LOD	104
NA	4258	373	Pass	116	36
NA	4260	385	Pass	125	37
NA	<LOD	2775		462	82
NA	<LOD	3019		450	87
NA	<LOD	2574		517	77

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	10071	156	Pass	38916	427	Pass	<LOD	206
	525	32	Pass	24886	259	Pass	<LOD	152
	461	31	Pass	32529	321	Pass	<LOD	170
Pass	748	40	Pass	38014	384	Pass	<LOD	194
	784	40	Pass	36626	372	Pass	<LOD	188
Pass	627	37	Pass	36415	367	Pass	<LOD	187
Pass	714	44	Pass	27860	310	Pass	<LOD	173
Pass	664	43	Pass	26764	299	Pass	<LOD	168
Pass	646	44	Pass	28351	319	Pass	<LOD	176
Pass	740	39	Pass	35256	353	Pass	<LOD	181
Pass	823	42	Pass	35553	368	Pass	<LOD	189
Pass	703	39	Pass	35027	354	Pass	<LOD	181
Pass	528	32	Pass	25331	256	Pass	<LOD	149
Pass	542	32	Pass	25365	255	Pass	<LOD	149
Pass	541	33	Pass	26366	267	Pass	<LOD	155
Pass	661	40	Pass	43440	436	Pass	<LOD	207
Pass	630	38	Pass	40177	403	Pass	<LOD	196
	681	40	Pass	41196	416	Pass	<LOD	201
	743	40	Pass	38988	392	Pass	<LOD	193
Pass	690	40	Pass	40677	409	Pass	<LOD	198
	729	40	Pass	41107	411	Pass	<LOD	199
	638	40	Pass	39046	400	Pass	<LOD	197
Pass	686	41	Pass	40412	416	Pass	<LOD	200
Pass	589	39	Pass	40466	410	Pass	<LOD	199
Pass	854	65	Pass	34278	422	Pass	<LOD	212
Pass	776	57	Pass	30400	358	Pass	<LOD	190
Pass	878	63	Pass	34568	414	Pass	<LOD	210
Pass	802	63	Pass	35020	424	Pass	<LOD	211
Pass	917	66	Pass	34712	425	Pass	<LOD	217
Pass	804	63	Pass	36542	440	Pass	<LOD	219
Pass	897	35	Pass	13767	150	Pass	<LOD	108
Pass	825	34	Pass	13973	154	Pass	<LOD	108
Pass	843	34	Pass	13617	150	Pass	<LOD	108
	871	35	Pass	13943	152	Pass	<LOD	108
Pass	848	36	Pass	13858	161	Pass	<LOD	115
	831	33	Pass	12078	136	Pass	<LOD	101
	769	32	Pass	12030	135	Pass	<LOD	100
Pass	800	33	Pass	12192	137	Pass	<LOD	101
Pass	809	33	Pass	14567	156	Pass	<LOD	111
	835	34	Pass	14225	155	Pass	<LOD	111
	790	33	Pass	14176	155	Pass	<LOD	109
Pass	830	34	Pass	13081	146	Pass	<LOD	106
	834	33	Pass	12973	143	Pass	<LOD	103
	786	32	Pass	13036	142	Pass	<LOD	102
	946	37	Pass	16855	180	Pass	<LOD	121
	954	37	Pass	16361	175	Pass	<LOD	117
Pass	954	37	Pass	16150	171	Pass	<LOD	117
	610	30	Pass	15298	163	Pass	<LOD	113
Pass	546	29	Pass	14959	158	Pass	<LOD	110

	569	29	Pass	15068	161	Pass	<LOD	114
	898	36	Pass	17484	185	Pass	<LOD	122
Pass	900	36	Pass	17738	187	Pass	<LOD	124
Pass	842	35	Pass	17164	180	Pass	<LOD	121
	867	37	Pass	23374	238	Pass	<LOD	143
Pass	960	38	Pass	23387	235	Pass	<LOD	143
	851	37	Pass	23697	242	Pass	<LOD	145
Pass	1028	40	Pass	24916	251	Pass	<LOD	149
	1005	39	Pass	24979	251	Pass	<LOD	146
Pass	995	40	Pass	24448	249	Pass	<LOD	147
Pass	867	36	Pass	18440	192	Pass	<LOD	126
Pass	890	36	Pass	18506	194	Pass	<LOD	126
	953	37	Pass	18260	191	Pass	<LOD	125
	825	39	Pass	13560	163	Pass	<LOD	113
Pass	799	39	Pass	14694	174	Pass	<LOD	118
Pass	806	39	Pass	13637	167	Pass	<LOD	118
	715	32	Pass	14025	152	Pass	<LOD	108
	750	33	Pass	14098	153	Pass	<LOD	109
	751	32	Pass	14081	152	Pass	<LOD	108
	1187	50	Pass	31204	337	Pass	<LOD	180
Pass	1306	53	Pass	35495	379	Pass	<LOD	193
Pass	1267	49	Pass	29735	314	Pass	<LOD	171
Pass	1405	54	Pass	35906	385	Pass	<LOD	194
Pass	1194	51	Pass	31290	342	Pass	<LOD	181
Pass	1024	48	Pass	30294	331	Pass	<LOD	180
Pass	1299	42	Pass	17009	181	Pass	<LOD	121
Pass	1156	40	Pass	16905	180	Pass	<LOD	120
	1264	42	Pass	16580	177	Pass	<LOD	119
	895	37	Pass	19274	203	Pass	<LOD	132
Pass	922	37	Pass	18743	197	Pass	<LOD	127
Pass	922	38	Pass	18494	197	Pass	<LOD	128
	976	39	Pass	20547	217	Pass	<LOD	135
Pass	949	38	Pass	18720	199	Pass	<LOD	129
Pass	962	39	Pass	19151	204	Pass	<LOD	129
Pass	1553	50	Pass	22481	243	Pass	<LOD	147
Pass	1485	49	Pass	21121	230	Pass	<LOD	142
Pass	1579	51	Pass	23257	253	Pass	<LOD	152
Pass	842	39	Pass	17384	192	Pass	<LOD	128
Pass	857	39	Pass	17911	198	Pass	<LOD	130
Pass	811	38	Pass	17358	191	Pass	<LOD	126
	1201	40	Pass	18301	189	Pass	<LOD	124
Pass	1238	41	Pass	17716	184	Pass	<LOD	121
Pass	1217	40	Pass	17721	184	Pass	<LOD	122
	935	39	Pass	21345	228	Pass	<LOD	144
	872	38	Pass	20525	221	Pass	<LOD	141
	859	38	Pass	21904	233	Pass	<LOD	146
Pass	528	29	Pass	17436	181	Pass	<LOD	122
	488	28	Pass	17883	184	Pass	<LOD	122
	533	29	Pass	17660	182	Pass	<LOD	122
	316	25	Pass	19891	204	Pass	<LOD	131

	312	25	Pass	19306	198	Pass	<LOD	129
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	358	27	Pass	17805	191	Pass	<LOD	126
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	820	35	Pass	16013	173	Pass	<LOD	119
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	781	37	Pass	18641	204	Pass	<LOD	133
Pass	760	36	Pass	18648	205	Pass	<LOD	133
Pass	883	39	Pass	19287	211	Pass	<LOD	136
Pass	942	45	Pass	27737	299	Pass	<LOD	170
Pass	1067	46	Pass	28251	304	Pass	<LOD	170
	970	44	Pass	27610	296	Pass	<LOD	168
Pass	632	34	Pass	28436	282	Pass	<LOD	158
Pass	719	36	Pass	28965	289	Pass	<LOD	161
Pass	555	33	Pass	28539	284	Pass	<LOD	159
Pass	631	34	Pass	27466	273	Pass	<LOD	156
	578	32	Pass	26996	267	Pass	<LOD	153
Pass	556	32	Pass	26178	260	Pass	<LOD	153
Pass	808	42	Pass	26470	290	Pass	<LOD	165
Pass	774	41	Pass	24368	271	Pass	<LOD	158
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Pass	971	47	Pass	27094	300	Pass	<LOD	168
Pass	1061	48	Pass	28479	312	Pass	<LOD	171
	681	35	Pass	25521	260	Pass	<LOD	152
Pass	716	36	Pass	25284	260	Pass	<LOD	153
Pass	679	35	Pass	24652	254	Pass	<LOD	150
Pass	1719	65	Pass	38723	441	Pass	<LOD	216
Pass	1790	68	Pass	37456	436	Pass	<LOD	216
Pass	1871	65	Pass	38366	429	Pass	<LOD	207

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	39		3027	45	Pass	6948	80
	<LOD	31		105	9	Pass	323	9
	64	11	Pass	32	7	Pass	88	5
	52	12	Pass	52	8	Pass	498	12
	52	12	Pass	44	8	Pass	494	12
	71	12	Pass	49	8	Pass	516	12
	47	12	Pass	52	9	Pass	725	16
	65	12	Pass	69	9	Pass	708	15
	56	12	Pass	44	9	Pass	732	16
	71	12	Pass	45	8	Pass	459	11
	44	12	Pass	54	8	Pass	457	12
	60	12	Pass	27	8	Pass	455	11
	53	11	Pass	29	7	Pass	806	15
	54	11	Pass	28	7	Pass	818	15
	37	11	Pass	<LOD	21		843	15
	40	13	Pass	39	8	Pass	605	13
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	47	13	Pass	42	8	Pass	599	13
	59	12	Pass	27	8	Pass	565	13
	83	13	Pass	42	8	Pass	608	13
	86	13	Pass	37	8	Pass	581	13
	64	13	Pass	51	8	Pass	759	15
	88	13	Pass	46	8	Pass	740	15
	72	13	Pass	33	8	Pass	760	15
	81	15	Pass	39	10	Pass	631	16
	81	14	Pass	48	9	Pass	512	14
	58	14	Pass	38	10	Pass	587	15
	80	15	Pass	37	10	Pass	628	16
	53	15	Pass	48	10	Pass	641	16
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	<LOD	28		22	7	Pass	232	8
	<LOD	25		30	6	Pass	92	5
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	36	9	Pass	22	6	Pass	195	7
	<LOD	26		37	7	Pass	185	7
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	<LOD	27		43	7	Pass	246	8
	27	9	Pass	53	7	Pass	267	8
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	<LOD	26		<LOD	19		89	5
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	30	9	Pass	<LOD		19		337	9
	46	10	Pass		30	7	Pass	257	8
<LOD		27			45	7	Pass	265	8
	30	10	Pass	<LOD		20		248	8
	42	10	Pass		22	7	Pass	234	8
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	31	9	Pass		33	7	Pass	243	7
	48	13	Pass		3833	51	Pass	1553	25
	61	13	Pass		3555	49	Pass	1617	26
	52	12	Pass		3661	48	Pass	1490	24
	69	13	Pass		4015	54	Pass	1782	28
	76	13	Pass		3794	52	Pass	1984	30
	65	13	Pass		4135	55	Pass	1918	29
	37	9	Pass		134	9	Pass	314	9
	41	9	Pass		122	9	Pass	305	9
	34	9	Pass		128	9	Pass	305	9
	40	10	Pass		451	14	Pass	559	12
	58	10	Pass		444	13	Pass	573	12
	31	10	Pass		457	14	Pass	577	12
	52	10	Pass		504	14	Pass	609	13
	45	10	Pass		575	15	Pass	563	12
	46	10	Pass		480	14	Pass	581	13
	63	12	Pass		3606	47	Pass	1294	22
	45	11	Pass		3641	47	Pass	1123	20
	43	12	Pass		4670	57	Pass	1231	22
	41	10	Pass		249	11	Pass	530	12
	30	10	Pass		256	11	Pass	527	12
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	30	9	Pass	34	7	Pass	330	9
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	31	9	Pass	61	8	Pass	232	8
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	41	10	Pass	26	7	Pass	268	8
<LOD		29		38	7	Pass	297	9
	49	12	Pass	33	8	Pass	779	16
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	49	11	Pass	35	7	Pass	1294	20
<LOD		32		30	7	Pass	1370	21
	35	11	Pass	39	7	Pass	1357	20
	43	11	Pass	29	7	Pass	1247	19
	49	11	Pass	22	7	Pass	1227	19
<LOD		31		27	7	Pass	1196	19
<LOD		33		55	8	Pass	1218	21
<LOD		33		41	8	Pass	1141	20
<LOD		33		54	8	Pass	1227	21
<LOD		35		35	8	Pass	1322	22
	42	12	Pass	55	9	Pass	1302	22
	58	12	Pass	38	8	Pass	1397	23
<LOD		30		63	8	Pass	1228	19
	44	11	Pass	73	8	Pass	1256	20
	32	10	Pass	62	8	Pass	1165	19
	43	14	Pass	36	9	Pass	991	20
	77	15	Pass	54	10	Pass	1086	21
	67	13	Pass	32	9	Pass	1034	20

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	718	24	Pass	<LOD	11		128	4
Pass	125	9	Pass	<LOD	5		111	3
Pass	14	2	Pass	4	1	Pass	94	2
Pass	<LOD	28		<LOD	5		82	2
Pass	<LOD	29		<LOD	5		79	2
Pass	<LOD	28		<LOD	5		80	2
Pass	33	7	Pass	<LOD	5		42	2
Pass	30	7	Pass	<LOD	5		42	2
Pass	32	8	Pass	<LOD	5		42	2
Pass	<LOD	26		<LOD	5		77	2
Pass	27	9	Pass	<LOD	5		77	2
Pass	37	9	Pass	<LOD	5		74	2
Pass	30	6	Pass	<LOD	4		64	2
Pass	24	6	Pass	<LOD	4		66	2
Pass	32	7	Pass	5	2	Pass	67	2
Pass	44	9	Pass	<LOD	5		84	3
Pass	29	9	Pass	<LOD	5		76	2
Pass	35	9	Pass	<LOD	5		77	2
Pass	35	9	Pass	<LOD	5		81	2
Pass	<LOD	28		<LOD	5		79	2
Pass	43	9	Pass	<LOD	5		75	2
Pass	52	10	Pass	<LOD	5		67	2
Pass	53	10	Pass	<LOD	6		68	2
Pass	59	10	Pass	<LOD	5		68	2
Pass	42	8	Pass	<LOD	6		21	2
Pass	30	7	Pass	<LOD	5		23	2
Pass	<LOD	24		<LOD	6		20	2
Pass	45	9	Pass	<LOD	6		21	2
Pass	36	9	Pass	<LOD	6		25	2
Pass	36	8	Pass	<LOD	6		20	2
Pass	<LOD	19		<LOD	4		66	2
Pass	<LOD	19		<LOD	4		62	2
Pass	<LOD	19		<LOD	4		65	2
Pass	<LOD	19		<LOD	4		68	2
Pass	<LOD	20		<LOD	4		70	2
Pass	<LOD	9		<LOD	3		66	2
Pass	<LOD	9		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		66	2
Pass	<LOD	12		<LOD	3		71	2
Pass	<LOD	12		<LOD	3		70	2
Pass	<LOD	12		<LOD	3		74	2
Pass	<LOD	10		<LOD	3		69	2
Pass	<LOD	9		<LOD	3		66	2
Pass	<LOD	9		<LOD	3		66	2
Pass	<LOD	14		<LOD	3		58	2
Pass	<LOD	14		<LOD	4		57	2
Pass	<LOD	14		<LOD	4		55	2
Pass	<LOD	10		<LOD	3		71	2
Pass	<LOD	10		<LOD	3		68	2

Pass	<LOD		10		<LOD	3	64	2
Pass		13	4	Pass	<LOD	3	65	2
Pass	<LOD		12		<LOD	3	66	2
Pass		13	4	Pass	<LOD	3	65	2
Pass	<LOD		13		<LOD	3	71	2
Pass	<LOD		13		<LOD	4	68	2
Pass		14	4	Pass	<LOD	3	62	2
Pass	<LOD		15		<LOD	4	74	2
Pass		16	5	Pass	<LOD	4	73	2
Pass		16	5	Pass	<LOD	4	74	2
Pass		19	4	Pass	<LOD	3	65	2
Pass		18	4	Pass	<LOD	3	64	2
Pass		23	4	Pass	<LOD	4	65	2
Pass		23	7	Pass	<LOD	4	29	2
Pass	<LOD		21		<LOD	4	30	2
Pass		26	7	Pass	<LOD	4	30	2
Pass	<LOD		21		<LOD	4	55	2
Pass	<LOD		21		<LOD	4	54	2
Pass	<LOD		21		<LOD	4	58	2
Pass		42	9	Pass	<LOD	5	38	2
Pass		65	9	Pass	<LOD	5	33	2
Pass		74	8	Pass	<LOD	4	36	2
Pass		41	10	Pass	<LOD	6	34	2
Pass		33	9	Pass	<LOD	5	42	2
Pass		59	9	Pass	<LOD	6	42	2
Pass	<LOD		25		<LOD	5	60	2
Pass	<LOD		25		<LOD	5	61	2
Pass		39	8	Pass	<LOD	5	59	2
Pass	<LOD		19		<LOD	4	49	2
Pass		19	6	Pass	<LOD	4	52	2
Pass		24	6	Pass	<LOD	4	52	2
Pass		27	7	Pass	<LOD	4	56	2
Pass	<LOD		19		<LOD	4	55	2
Pass	<LOD		19		<LOD	4	57	2
Pass	<LOD		25		<LOD	5	53	2
Pass		30	8	Pass	<LOD	5	49	2
Pass	<LOD		25		<LOD	5	53	2
Pass	<LOD		20		<LOD	4	29	2
Pass		21	7	Pass	<LOD	4	34	2
Pass		22	7	Pass	<LOD	4	30	2
Pass		34	8	Pass	<LOD	4	53	2
Pass		31	8	Pass	<LOD	4	54	2
Pass		25	8	Pass	<LOD	4	56	2
Pass	<LOD		41		<LOD	6	60	2
Pass	<LOD		41		<LOD	7	60	2
Pass	<LOD		42		<LOD	7	59	2
Pass	<LOD		7		<LOD	3	61	2
Pass	<LOD		7		<LOD	3	57	2
Pass		9	2	Pass	<LOD	3	53	2
Pass	<LOD		7		<LOD	3	61	2

Pass		8	2	Pass	<LOD	3	59	2
Pass		11	2	Pass	<LOD	3	63	2
Pass	<LOD		13		<LOD	4	44	2
Pass	<LOD		13		<LOD	4	42	2
Pass	<LOD		12		<LOD	3	44	2
Pass	<LOD		33		<LOD	6	62	2
Pass	<LOD		34		<LOD	6	61	2
Pass	<LOD		33		<LOD	6	55	2
Pass		27	9	Pass	<LOD	5	59	2
Pass	<LOD		26		<LOD	5	61	2
Pass	<LOD		26		<LOD	4	59	2
Pass		17	5	Pass	<LOD	4	36	2
Pass	<LOD		16		<LOD	4	41	2
Pass	<LOD		16		<LOD	4	41	2
Pass		24	6	Pass	<LOD	4	56	2
Pass	<LOD		19		<LOD	4	56	2
Pass		20	6	Pass	<LOD	4	56	2
Pass	<LOD		17		<LOD	4	68	2
Pass	<LOD		18		<LOD	4	73	2
Pass	<LOD		18		<LOD	4	70	2
Pass		21	6	Pass	<LOD	4	64	2
Pass	<LOD		17		<LOD	4	67	2
Pass	<LOD		17		<LOD	4	62	2
Pass		43	9	Pass	<LOD	5	36	2
Pass		60	8	Pass	<LOD	5	34	2
Pass		44	9	Pass	<LOD	5	35	2
Pass		41	9	Pass	<LOD	5	47	2
Pass		53	9	Pass	<LOD	5	47	2
Pass		61	9	Pass	<LOD	5	46	2
Pass	<LOD		18		<LOD	4	66	2
Pass	<LOD		19		<LOD	4	70	2
Pass	<LOD		18		<LOD	4	63	2
Pass		37	9	Pass	<LOD	6	33	2
Pass	<LOD		28		<LOD	5	33	2
Pass		38	9	Pass	<LOD	6	34	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	327	6	Pass	49	4	Pass	22	3
Pass	248	4	Pass	253	5	Pass	<LOD	8
Pass	236	4	Pass	78	3	Pass	<LOD	7
Pass	116	3	Pass	172	4	Pass	<LOD	8
Pass	140	3	Pass	190	4	Pass	<LOD	8
Pass	118	3	Pass	190	4	Pass	<LOD	8
Pass	508	7	Pass	349	6	Pass	<LOD	9
Pass	503	7	Pass	362	6	Pass	<LOD	9
Pass	488	7	Pass	369	6	Pass	12	3
Pass	142	3	Pass	236	5	Pass	<LOD	8
Pass	188	4	Pass	223	5	Pass	<LOD	8
Pass	150	3	Pass	233	5	Pass	<LOD	8
Pass	143	3	Pass	324	5	Pass	<LOD	8
Pass	133	3	Pass	324	5	Pass	<LOD	8
Pass	142	3	Pass	326	5	Pass	9	3
Pass	140	3	Pass	168	4	Pass	<LOD	8
Pass	129	3	Pass	187	4	Pass	<LOD	8
Pass	151	3	Pass	192	5	Pass	<LOD	8
Pass	148	3	Pass	238	5	Pass	<LOD	8
Pass	166	3	Pass	211	5	Pass	<LOD	8
Pass	161	3	Pass	220	5	Pass	<LOD	8
Pass	209	4	Pass	213	5	Pass	<LOD	8
Pass	195	4	Pass	181	5	Pass	<LOD	8
Pass	203	4	Pass	200	5	Pass	<LOD	8
Pass	913	13	Pass	40	5	Pass	<LOD	9
Pass	648	9	Pass	22	4	Pass	<LOD	9
Pass	818	11	Pass	23	5	Pass	<LOD	9
Pass	900	12	Pass	49	5	Pass	<LOD	9
Pass	920	13	Pass	41	5	Pass	<LOD	9
Pass	849	12	Pass	31	5	Pass	<LOD	9
Pass	137	3	Pass	502	6	Pass	<LOD	8
Pass	146	3	Pass	496	6	Pass	8	3
Pass	143	3	Pass	503	6	Pass	<LOD	8
Pass	146	3	Pass	514	6	Pass	<LOD	8
Pass	144	3	Pass	514	7	Pass	8	3
Pass	94	2	Pass	585	7	Pass	11	3
Pass	88	2	Pass	586	7	Pass	<LOD	8
Pass	95	2	Pass	592	7	Pass	<LOD	8
Pass	104	2	Pass	555	7	Pass	<LOD	8
Pass	105	2	Pass	537	7	Pass	<LOD	8
Pass	101	2	Pass	562	7	Pass	<LOD	8
Pass	94	2	Pass	570	7	Pass	11	3
Pass	90	2	Pass	557	7	Pass	<LOD	8
Pass	92	2	Pass	569	7	Pass	8	3
Pass	131	3	Pass	430	6	Pass	14	3
Pass	130	3	Pass	424	6	Pass	8	3
Pass	126	3	Pass	418	6	Pass	<LOD	8
Pass	91	2	Pass	505	6	Pass	10	3
Pass	82	2	Pass	513	6	Pass	<LOD	8

Pass	87	2	Pass	485	6	Pass	<LOD	8
Pass	126	3	Pass	411	6	Pass	<LOD	8
Pass	124	3	Pass	438	6	Pass	<LOD	8
Pass	118	3	Pass	423	6	Pass	<LOD	8
Pass	115	3	Pass	462	6	Pass	11	3
Pass	109	3	Pass	428	6	Pass	<LOD	8
Pass	122	3	Pass	424	6	Pass	<LOD	8
Pass	115	3	Pass	446	6	Pass	<LOD	8
Pass	119	3	Pass	451	6	Pass	8	3
Pass	115	3	Pass	452	6	Pass	10	3
Pass	132	3	Pass	426	6	Pass	<LOD	8
Pass	131	3	Pass	452	6	Pass	<LOD	8
Pass	132	3	Pass	444	6	Pass	9	3
Pass	215	4	Pass	163	4	Pass	8	3
Pass	248	4	Pass	161	4	Pass	<LOD	8
Pass	220	4	Pass	171	4	Pass	<LOD	8
Pass	91	2	Pass	506	6	Pass	<LOD	8
Pass	90	2	Pass	492	6	Pass	<LOD	8
Pass	91	2	Pass	503	6	Pass	<LOD	8
Pass	286	5	Pass	232	5	Pass	<LOD	8
Pass	285	5	Pass	173	5	Pass	9	3
Pass	235	4	Pass	190	4	Pass	<LOD	8
Pass	298	5	Pass	184	5	Pass	<LOD	8
Pass	315	5	Pass	296	6	Pass	<LOD	9
Pass	311	5	Pass	254	5	Pass	<LOD	8
Pass	106	3	Pass	491	6	Pass	<LOD	8
Pass	110	3	Pass	497	6	Pass	<LOD	8
Pass	111	3	Pass	505	6	Pass	10	3
Pass	123	3	Pass	453	6	Pass	<LOD	8
Pass	122	3	Pass	487	6	Pass	<LOD	8
Pass	119	3	Pass	495	6	Pass	<LOD	8
Pass	124	3	Pass	419	6	Pass	9	3
Pass	120	3	Pass	448	6	Pass	<LOD	8
Pass	116	3	Pass	428	6	Pass	<LOD	8
Pass	284	5	Pass	298	5	Pass	<LOD	8
Pass	284	5	Pass	284	5	Pass	<LOD	8
Pass	278	5	Pass	283	5	Pass	10	3
Pass	205	4	Pass	345	5	Pass	<LOD	8
Pass	219	4	Pass	346	5	Pass	9	3
Pass	211	4	Pass	345	5	Pass	<LOD	8
Pass	90	2	Pass	460	6	Pass	12	3
Pass	88	2	Pass	438	6	Pass	<LOD	8
Pass	86	2	Pass	474	6	Pass	8	3
Pass	89	3	Pass	485	7	Pass	11	3
Pass	87	3	Pass	486	7	Pass	9	3
Pass	85	3	Pass	519	7	Pass	<LOD	8
Pass	82	2	Pass	533	6	Pass	8	3
Pass	87	2	Pass	530	6	Pass	9	3
Pass	88	2	Pass	519	6	Pass	9	3
Pass	86	2	Pass	524	7	Pass	10	3

Pass	93	2	Pass	513	6	Pass	8	3
Pass	87	2	Pass	515	6	Pass	10	3
Pass	132	3	Pass	391	5	Pass	9	3
Pass	135	3	Pass	401	6	Pass	10	3
Pass	130	3	Pass	377	5	Pass	<LOD	8
Pass	89	2	Pass	469	6	Pass	11	3
Pass	90	2	Pass	467	6	Pass	11	3
Pass	87	2	Pass	439	6	Pass	<LOD	8
Pass	101	3	Pass	443	6	Pass	12	3
Pass	103	3	Pass	484	6	Pass	13	3
Pass	97	2	Pass	441	6	Pass	10	3
Pass	171	3	Pass	269	5	Pass	<LOD	8
Pass	166	3	Pass	274	5	Pass	<LOD	8
Pass	179	3	Pass	272	5	Pass	10	3
Pass	315	5	Pass	294	5	Pass	<LOD	8
Pass	320	5	Pass	291	5	Pass	<LOD	8
Pass	306	5	Pass	297	5	Pass	10	3
Pass	76	2	Pass	284	5	Pass	<LOD	8
Pass	79	2	Pass	300	5	Pass	<LOD	8
Pass	70	2	Pass	291	5	Pass	<LOD	8
Pass	78	2	Pass	312	5	Pass	<LOD	8
Pass	82	2	Pass	312	5	Pass	<LOD	8
Pass	85	2	Pass	334	5	Pass	<LOD	8
Pass	277	5	Pass	144	4	Pass	<LOD	8
Pass	260	5	Pass	121	4	Pass	10	3
Pass	302	5	Pass	183	5	Pass	<LOD	8
Pass	419	6	Pass	238	5	Pass	<LOD	8
Pass	434	6	Pass	234	5	Pass	<LOD	8
Pass	411	6	Pass	263	5	Pass	<LOD	8
Pass	115	3	Pass	354	5	Pass	<LOD	8
Pass	117	3	Pass	374	6	Pass	8	3
Pass	125	3	Pass	342	5	Pass	<LOD	8
Pass	521	8	Pass	86	5	Pass	10	3
Pass	590	9	Pass	128	5	Pass	<LOD	9
Pass	443	7	Pass	105	5	Pass	<LOD	9

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass	52	11	Pass	<LOD	42		<LOD	68
	<LOD	30		<LOD	38		<LOD	62
	<LOD	29		<LOD	36		<LOD	57
	<LOD	31		<LOD	38		<LOD	64
	<LOD	31		<LOD	39		<LOD	64
	<LOD	31		<LOD	38		<LOD	63
	<LOD	33		<LOD	40		<LOD	67
	<LOD	33		<LOD	40		<LOD	67
Pass	<LOD	34		<LOD	41		<LOD	69
	<LOD	30		<LOD	38		<LOD	62
	<LOD	32		<LOD	39		<LOD	64
	<LOD	31		<LOD	38		<LOD	63
	<LOD	29		<LOD	36		61	20
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	31		<LOD	39		<LOD	64
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	39		<LOD	65
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	38		<LOD	63
	<LOD	31		<LOD	38		<LOD	64
	<LOD	32		<LOD	39		<LOD	65
	<LOD	32		<LOD	40		<LOD	66
	<LOD	31		<LOD	38		<LOD	64
	<LOD	38		<LOD	46		<LOD	76
	<LOD	36		<LOD	43		99	24
	<LOD	37		<LOD	45		<LOD	74
	<LOD	37		<LOD	44		<LOD	75
	<LOD	37		<LOD	46		<LOD	77
	<LOD	37		<LOD	45		102	25
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	30		<LOD	37		<LOD	62
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57

	<LOD	28	<LOD	35	<LOD	58
	<LOD	29	<LOD	36	<LOD	59
	<LOD	29	<LOD	36	<LOD	60
	<LOD	28	<LOD	35	<LOD	58
Pass	<LOD	29	<LOD	37	<LOD	61
	<LOD	29	<LOD	36	<LOD	59
	<LOD	30	<LOD	37	<LOD	61
	<LOD	29	<LOD	36	<LOD	61
Pass	<LOD	29	<LOD	36	<LOD	60
Pass	<LOD	30	<LOD	37	<LOD	61
	<LOD	29	<LOD	36	<LOD	59
	<LOD	29	<LOD	36	<LOD	60
Pass	<LOD	29	<LOD	36	<LOD	59
Pass	<LOD	31	<LOD	38	<LOD	64
	<LOD	31	<LOD	39	<LOD	64
	<LOD	32	<LOD	40	<LOD	66
	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	35	<LOD	59
	<LOD	28	<LOD	35	<LOD	58
	<LOD	32	<LOD	40	83	22
Pass	<LOD	33	<LOD	40	89	22
	<LOD	31	<LOD	39	70	22
	<LOD	32	<LOD	40	120	22
	<LOD	33	<LOD	41	76	23
	<LOD	33	<LOD	40	144	23
	<LOD	29	<LOD	36	<LOD	59
	<LOD	29	<LOD	36	<LOD	59
Pass	<LOD	29	<LOD	36	<LOD	59
	<LOD	29	<LOD	36	<LOD	61
	<LOD	29	<LOD	36	<LOD	60
	<LOD	29	<LOD	37	<LOD	61
Pass	<LOD	30	<LOD	37	<LOD	61
	<LOD	29	<LOD	36	<LOD	60
	<LOD	30	<LOD	37	<LOD	61
	<LOD	31	<LOD	39	82	21
	<LOD	31	<LOD	38	138	21
Pass	<LOD	31	<LOD	39	113	22
	<LOD	30	<LOD	37	<LOD	62
Pass	<LOD	31	<LOD	38	<LOD	63
	<LOD	30	<LOD	37	<LOD	61
Pass	<LOD	28	<LOD	35	<LOD	58
	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	28	<LOD	35	<LOD	57
Pass	<LOD	30	<LOD	38	<LOD	62
Pass	<LOD	30	<LOD	38	<LOD	62
	<LOD	30	<LOD	38	<LOD	63
Pass	<LOD	28	<LOD	35	<LOD	58
Pass	<LOD	28	<LOD	35	<LOD	58
Pass	<LOD	28	<LOD	35	<LOD	58
Pass	<LOD	29	<LOD	36	<LOD	59

Pass	<LOD	29	<LOD	35	<LOD	58
Pass	<LOD	28	<LOD	35	<LOD	58
Pass	<LOD	29	<LOD	36	<LOD	59
Pass	<LOD	29	<LOD	37	<LOD	60
	<LOD	29	<LOD	36	<LOD	60
Pass	<LOD	29	<LOD	35	<LOD	59
Pass	<LOD	29	<LOD	36	<LOD	59
	<LOD	29	<LOD	36	<LOD	59
Pass	<LOD	29	<LOD	36	<LOD	59
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Pass	<LOD	30	<LOD	38	<LOD	63
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Pass	<LOD	32	<LOD	39	<LOD	64
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Pass	<LOD	30	<LOD	37	<LOD	62
	<LOD	30	<LOD	37	<LOD	61
Pass	<LOD	35	<LOD	43	<LOD	71
	<LOD	36	<LOD	44	<LOD	73
	<LOD	34	<LOD	42	<LOD	69

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
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	<LOD	65		NA			792	187
	<LOD	60		NA			1028	197
	<LOD	67		NA			6724	328
	<LOD	67		NA			6712	328
	<LOD	67		NA			6187	316
	<LOD	71		NA			30136	678
	<LOD	71		NA			29706	674
	<LOD	72		NA			29526	683
	<LOD	66		NA			5205	298
	<LOD	68		NA			7241	342
	<LOD	66		NA			7320	332
Pass	<LOD	63		NA			5230	279
	<LOD	63		NA			4532	266
	<LOD	64		NA			5522	288
	<LOD	68		NA			7800	353
	<LOD	67		NA			6329	323
	<LOD	68		NA			8262	358
	<LOD	66		NA			6376	322
	<LOD	67		NA			6612	328
	<LOD	68		NA			7448	340
	<LOD	68		NA			11238	407
	<LOD	69		NA			10381	396
	<LOD	67		NA			12551	422
	<LOD	80		NA			101252	1639
Pass	<LOD	75		NA			83488	1356
	<LOD	77		NA			93480	1512
	<LOD	77		NA			95100	1550
	<LOD	80		NA			101958	1643
Pass	<LOD	78		NA			96732	1565
	<LOD	60		NA			1309	189
	<LOD	61		NA			1490	196
	<LOD	61		NA			1273	187
	<LOD	61		NA			1183	187
	<LOD	65		NA			1406	205
	<LOD	61		NA			1209	187
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	<LOD	61		NA			1261	187
	<LOD	61		NA			1045	185
	<LOD	62		NA			1023	185
	<LOD	62		NA			1499	193
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	<LOD	61		NA			1184	187
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	<LOD	62	NA	2677	223
	<LOD	64	NA	3024	240
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	<LOD	61	NA	2475	210
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Pass	<LOD	69	NA	19526	542
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<LOD	74	NA	36931	809
<LOD	76	NA	42011	890
<LOD	72	NA	30963	723

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
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Pass	<LOD	11		<LOD	9		18	3
Pass	<LOD	19		<LOD	23		1271	19
Pass	<LOD	21			26 8	Pass	1351	20
Pass	<LOD	20		<LOD	23		1287	19
Pass	<LOD	18		<LOD	18		630	13
Pass	<LOD	18		<LOD	18		619	13
Pass	<LOD	18		<LOD	19		644	13
Pass	<LOD	18		<LOD	21		1075	17
Pass	<LOD	18		<LOD	22		1029	17
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Pass	<LOD	15		<LOD	16		596	11
Pass	<LOD	16			17 6	Pass	604	11
Pass	<LOD	20		<LOD	22		1210	18
Pass	<LOD	19		<LOD	22		1195	18
Pass	<LOD	19		<LOD	22		1174	18
Pass	<LOD	18		<LOD	21		1097	17
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Pass	<LOD	20		<LOD	23		1257	19
Pass	<LOD	21		<LOD	23		1299	20
Pass	<LOD	21		<LOD	23		1286	19
Pass	<LOD	22		<LOD	22		614	15
Pass	<LOD	20		<LOD	19		567	13
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Pass	<LOD	20		<LOD	21		686	15
Pass	<LOD	22		<LOD	22		706	16
Pass	<LOD	21		<LOD	22		670	15
Pass	<LOD	14		<LOD	16		662	12
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Pass	<LOD	14		<LOD	16		660	12
Pass	<LOD	14		<LOD	15		661	12
Pass	<LOD	15		<LOD	17		657	12
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Pass	<LOD	11		<LOD	10		112	5
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Pass	<LOD	13		<LOD	13		337	8
Pass	<LOD	12		<LOD	13		336	8
Pass	<LOD	13		<LOD	13		335	8
Pass	<LOD	10			11 3	Pass	128	5
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Pass	<LOD	12	<LOD		12		267	7
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Pass	<LOD	13	<LOD		13		340	8
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Pass	<LOD	11	<LOD		11		231	7
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Pass	<LOD	15	<LOD		17		807	13
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Pass	<LOD	20	<LOD		21		954	16
Pass	<LOD	18	<LOD		19		842	15
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Pass	<LOD	21	<LOD		22		1080	18
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Pass	<LOD	15	<LOD		16		618	11
Pass	<LOD	16	<LOD		16		662	12
Pass	<LOD	15	<LOD		16		619	11
Pass	<LOD	15	<LOD		16		631	12
Pass	<LOD	18	<LOD		20		945	16
Pass	<LOD	18	<LOD		20		893	15
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Pass	<LOD	15	<LOD		17		657	12
Pass	<LOD	16		18	6	Pass	659	12
Pass	<LOD	15		23	6	Pass	645	12
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Pass	<LOD	26		47	11	Pass	2879	33
Pass	<LOD	25	<LOD		32		2843	33
Pass	<LOD	26		60	11	Pass	2929	34
Pass	<LOD	10	<LOD		9		62	4
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Pass	<LOD	10		9	3	Pass	48	4
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Pass	<LOD	12		16	4	Pass	244	7
Pass	<LOD	12	<LOD		12		276	7
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Pass	<LOD	21		34	9	Pass	2088	25
Pass	<LOD	22	<LOD		27		2184	26
Pass	<LOD	21		33	9	Pass	2067	25
Pass	<LOD	18		23	7	Pass	1228	17
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Pass	<LOD	14	<LOD		14		392	9
Pass	<LOD	15	<LOD		15		395	9
Pass	<LOD	14	<LOD		14		383	9
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Pass	<LOD	15		28	5	Pass	472	10
Pass	<LOD	15	<LOD		16		553	11
Pass	<LOD	15	<LOD		15		515	10
Pass	<LOD	15	<LOD		15		478	10
Pass	<LOD	14	<LOD		15		476	10
Pass	<LOD	14	<LOD		14		478	10
Pass	<LOD	19		28	7	Pass	988	17
Pass	<LOD	20		24	7	Pass	869	15
Pass	<LOD	20		25	7	Pass	1039	17
Pass	<LOD	21	<LOD		22		1039	17
Pass	<LOD	20	<LOD		22		958	17
Pass	<LOD	20		26	8	Pass	1024	17
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Pass	<LOD	16		20	5	Pass	543	11
Pass	<LOD	15		24	5	Pass	537	11
Pass	<LOD	21	<LOD		23		854	17
Pass	<LOD	22		31	8	Pass	931	18
Pass	<LOD	21	<LOD		23		903	17

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019821			223			46.77	
Pass							55.28	testing
Pass							54.71	testing
Pass							57.21	testing
Pass							54.7	testing
Pass							54.49	testing
Pass							54.83	testing
Pass							56.55	testing
Pass							55.3	testing
Pass							55.49	testing
Pass							54.31	testing
Pass							54.84	testing
Pass							54.79	testing
Pass							54.2	testing
Pass							54.33	testing
Pass							53.49	testing
Pass							54.48	testing
Pass							55.44	testing
Pass							54.25	testing
Pass							54.81	testing
Pass							54.56	testing
Pass							54.78	testing
Pass							54.42	testing
Pass							54.96	testing
Pass							54.32	testing
Pass							57.81	testing
Pass							56.72	testing
Pass							58.26	testing
Pass							58.46	testing
Pass							57.32	testing
Pass							58.5	testing
Pass							53.41	testing
Pass							52.38	testing
Pass							52.59	testing
Pass							52.13	testing
Pass							45.96	testing
Pass							52.13	testing
Pass							52.63	testing
Pass							51.99	testing
Pass							52.71	testing
Pass							51.92	testing
Pass							52.09	testing
Pass							52.75	testing
Pass							52.43	testing
Pass							53.5	testing
Pass							52.71	testing
Pass							52.35	testing
Pass							52.16	testing
Pass							52.41	testing
Pass							52.48	testing

Pass			52.87	testing
Pass			53.67	testing
Pass			54.07	testing
Pass			52.91	testing
Pass			53.41	testing
Pass			53.86	testing
Pass			54.12	testing
Pass			53.11	testing
Pass			52.84	testing
Pass			53.66	testing
Pass			52.68	testing
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Pass			55.34	testing
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	0.019797	224	47.47	
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Pass			53.28	testing
Pass			53.81	testing
Pass			53.5	testing
Pass			52.69	testing
Pass			52.83	testing
Pass			53.14	testing
Pass			53.12	testing

Pass	52.91	testing
Pass	53.31	testing
Pass	54.48	testing
Pass	53.73	testing
Pass	53.98	testing
Pass	52.08	testing
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Pass	53.8	testing
Pass	57.59	testing
Pass	57.68	testing
Pass	57.18	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
26-Aug-08	1			-0.016633			PASS	Standardiz
26-Aug-08	2				NIST2709	low		Soil
26-Aug-08	3				NIST2711	medium		Soil
26-Aug-08	4				NIST2710	high		Soil
26-Aug-08	5				30126	F1		Soil
26-Aug-08	6				30126	F1		Soil
26-Aug-08	7				30126	F1		Soil
26-Aug-08	8				30126	F2-10 sieve		Soil
26-Aug-08	9				30192	F2-10 sieve		Soil
26-Aug-08	10				30126	F2-10 sieve		Soil
26-Aug-08	11				30126	F2-60 sieve		Soil
26-Aug-08	12				30126	F2-60 sieve		Soil
26-Aug-08	13				30126	F2-60 sieve		Soil
26-Aug-08	14				30126	B1		Soil
26-Aug-08	15				30126	B1		Soil
26-Aug-08	16				30126	B1		Soil
26-Aug-08	17				30126	B2		Soil
26-Aug-08	18				30126	B2		Soil
26-Aug-08	19				30126	B2		Soil
26-Aug-08	20				30126	DZ		Soil
26-Aug-08	21				30126	DZ		Soil
26-Aug-08	22				30126	DZ		Soil
26-Aug-08	23				30577	F1		Soil
26-Aug-08	24				30577	F1		Soil
26-Aug-08	25				30577	F1		Soil
26-Aug-08	26				30577	F2-10 sieve		Soil
26-Aug-08	27				30577	F2-10 sieve		Soil
26-Aug-08	28				30577	F2-10 sieve		Soil
26-Aug-08	29				30577	F2-60 sieve		Soil
26-Aug-08	30				30577	F2-60 sieve		Soil
26-Aug-08	31				30577	F2-60 sieve		Soil
26-Aug-08	32				30577	B1		Soil
26-Aug-08	33				30577	B1		Soil
26-Aug-08	34				30577	B1		Soil
26-Aug-08	35				30577	B2		Soil
26-Aug-08	36				30577	B2		Soil
26-Aug-08	37				30577	B2		Soil
26-Aug-08	38				30577	DZ		Soil
26-Aug-08	39				30577	DZ		Soil
26-Aug-08	40				30577	DZ		Soil
26-Aug-08	41				20397	F1-10 sieve		Soil
26-Aug-08	42				20397	F1-10 sieve		Soil
26-Aug-08	43				20397	F1-10 sieve		Soil
26-Aug-08	44				20397	F1-60 sieve		Soil
26-Aug-08	45				20397	F1-60 sieve		Soil
26-Aug-08	46				20397	F1-60 sieve		Soil
26-Aug-08	47				20397	B1-10 sieve		Soil
26-Aug-08	48				20397	B1-10 sieve		Soil
26-Aug-08	49				20397	B1-10 sieve		Soil
26-Aug-08	50				20397	B1-60 sieve		Soil

26-Aug-08	51		20397	B1-60 sieve		Soil
26-Aug-08	52		20397	B1-60 sieve		Soil
26-Aug-08	53		20397	DZ		Soil
26-Aug-08	54		20397	DZ		Soil
26-Aug-08	55		NIST2709	low		Soil
26-Aug-08	56		30271	F1-10 sieve		Soil
26-Aug-08	57	-0.018636			PASS	Standardiz
26-Aug-08	58		30271	F1-10 sieve		Soil
26-Aug-08	59		30271	F1-10 sieve		Soil
26-Aug-08	60		30271	F1-60 sieve		Soil
26-Aug-08	61		30271	F1-60 sieve		Soil
26-Aug-08	62		30271	F1-60 sieve		Soil
26-Aug-08	63		30271	F2		Soil
26-Aug-08	64		30271	F2		Soil
26-Aug-08	65		30271	F2		Soil
26-Aug-08	66		30271	B1		Soil
26-Aug-08	67		NIST2709	low		Soil
26-Aug-08	68		30271	B1		Soil
26-Aug-08	69		30271	B2-10 sieve		Soil
26-Aug-08	70		30271	B2-10 sieve		Soil
26-Aug-08	71		30271	B2-10 sieve		Soil
26-Aug-08	72		30271	B2-60 sieve		Soil
26-Aug-08	73		30217	B2-60 sieve		Soil
26-Aug-08	74		30271	B2-60 sieve		Soil
26-Aug-08	75		30271	DZ		Soil
26-Aug-08	76		30271	DZ		Soil
26-Aug-08	77		30271	DZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
10:01:30								
10:02:49				<LOD		0	NA	
10:05:12				<LOD		0	NA	
10:07:34				<LOD		0	NA	
10:09:53	shot 1			<LOD		0	NA	
10:12:35	shot 2			<LOD		0	NA	
10:15:01	shot 3			<LOD		0	NA	
10:17:19	shot 1			<LOD		0	NA	
10:20:25	shot 2			<LOD		0	NA	
10:23:11	shot 3			<LOD		0	NA	
10:25:47	shot 1			<LOD		0	NA	
10:28:19	shot 2			<LOD		0	NA	
10:30:47	shot 3			<LOD		0	NA	
10:35:32	shot 1			<LOD		0	NA	
10:38:48	shot 2			<LOD		0	NA	
10:42:04	shot 3			<LOD		0	NA	
10:44:56	shot 1			<LOD		0	NA	
10:47:26	shot 2			<LOD		0	NA	
10:49:48	shot 3			<LOD		0	NA	
10:53:07	shot 1			<LOD		0	NA	
10:55:26	shot 2			<LOD		0	NA	
10:57:59	shot 3			<LOD		0	NA	
11:49:07	shot 1			<LOD		0	NA	
11:51:26	shot 2			<LOD		0	NA	
11:53:36	shot 3			<LOD		0	NA	
11:55:56	shot 1			<LOD		0	NA	
11:58:27	shot 2			<LOD		0	NA	
12:01:03	shot 3			<LOD		0	NA	
12:04:27	shot 1			<LOD		0	NA	
12:07:13	shot 2			<LOD		0	NA	
12:09:38	shot 3			<LOD		0	NA	
12:13:34	shot 1			<LOD		0	NA	
12:15:35	shot 2			<LOD		0	NA	
12:20:49	shot 3			<LOD		0	NA	
12:23:33	shot 1			<LOD		0	NA	
12:26:15	shot 2			<LOD		0	NA	
12:29:44	shot 3			<LOD		0	NA	
12:31:55	shot 1			<LOD		0	NA	
12:38:21	shot 2			<LOD		0	NA	
12:40:53	shot 3			<LOD		0	NA	
12:43:54	shot 1			<LOD		0	NA	
12:46:16	shot 2			<LOD		0	NA	
12:49:04	shot 3			<LOD		0	NA	
12:54:52	shot 1			<LOD		0	NA	
12:59:47	shot 2			<LOD		0	NA	
13:02:23	shot 3			<LOD		0	NA	
13:05:27	shot 1			<LOD		0	NA	
13:08:06	shot 2			<LOD		0	NA	
13:11:15	shot 3			<LOD		0	NA	
13:13:56	shot 1			<LOD		0	NA	

13:16:39	shot 2	<LOD	0	NA
13:21:03	shot 3	<LOD	0	NA
13:50:53	shot 1	<LOD	0	NA
13:53:51	shot 2	<LOD	0	NA
13:56:15		<LOD	0	NA
14:22:59	shot 1	<LOD	0	NA
14:25:30				
14:26:44	shot 2	<LOD	0	NA
14:29:14	shot 3	<LOD	0	NA
14:31:39	shot 1	<LOD	0	NA
14:34:03	shot 2	<LOD	0	NA
14:36:40	shot 3	<LOD	0	NA
14:39:00	shot 1	<LOD	0	NA
14:41:18	shot 2	<LOD	0	NA
14:43:46	shot 3	<LOD	0	NA
14:47:30	shot 1	<LOD	0	NA
14:49:54		<LOD	0	NA
14:52:35	shot 3	<LOD	0	NA
14:54:49	shot 1	<LOD	0	NA
14:57:13	shot 2	<LOD	0	NA
15:00:25	shot 3	<LOD	0	NA
15:03:04	shot 1	<LOD	0	NA
15:05:20	shot 2	<LOD	0	NA
15:07:42	shot 3	<LOD	0	NA
15:10:19	shot 1	<LOD	0	NA
15:12:48	shot 2	<LOD	0	NA
15:15:01	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3698	323	Pass	133	35
	NA			3443	315	Pass	<LOD	99
	NA			3039	381	Pass	<LOD	132
	NA			3264	434	Pass	194	41
	NA			2985	423	Pass	126	39
	NA			3298	425	Pass	<LOD	114
	NA			3854	570	Pass	308	53
	NA			4052	565	Pass	222	50
	NA			3057	636	Pass	191	55
	NA			3197	620	Pass	244	55
	NA			3603	599	Pass	210	53
	NA			3833	609	Pass	253	54
	NA			4068	330	Pass	<LOD	89
	NA			3639	309	Pass	<LOD	87
	NA			3743	318	Pass	116	31
	NA			4899	436	Pass	138	39
	NA			3941	422	Pass	217	40
	NA			4098	437	Pass	195	41
	NA			4001	374	Pass	137	35
	NA			4441	368	Pass	112	34
	NA			3713	362	Pass	143	35
	NA			4029	314	Pass	<LOD	88
	NA			4323	319	Pass	<LOD	87
	NA			4631	326	Pass	<LOD	89
	NA			2962	436	Pass	178	40
	NA			3231	437	Pass	186	41
	NA			3416	448	Pass	166	41
	NA			3228	435	Pass	177	40
	NA			3569	436	Pass	178	40
	NA			3447	448	Pass	156	41
	NA			4094	340	Pass	104	32
	NA			3428	327	Pass	115	32
	NA			4016	331	Pass	125	32
	NA			3801	379	Pass	147	36
	NA			4800	399	Pass	117	36
	NA			3841	386	Pass	142	36
	NA			3598	562	Pass	215	49
	NA			3526	572	Pass	207	50
	NA			3715	552	Pass	197	48
	NA			<LOD	2062		374	65
	NA			<LOD	2060		228	63
	NA			<LOD	2078		235	63
	NA			<LOD	2173		367	67
	NA			<LOD	2124		280	65
	NA			<LOD	2182		287	65
	NA			<LOD	2291		351	72
	NA			<LOD	2254		286	68
	NA			<LOD	2346		457	74
	NA			2406	697	Pass	320	64

NA	3081	723	Pass	319	66
NA	<LOD	2272		332	70
NA	<LOD	2975		379	85
NA	<LOD	2657		376	79
NA	<LOD	2869		466	84
NA	3647	282	Pass	<LOD	80
NA	3529	278	Pass	<LOD	79
NA	2731	263	Pass	<LOD	77
NA	3533	282	Pass	<LOD	81
NA	3134	279	Pass	<LOD	83
NA	3336	273	Pass	<LOD	78
NA	3378	295	Pass	<LOD	86
NA	2711	284	Pass	<LOD	85
NA	3518	290	Pass	<LOD	87
NA	3406	292	Pass	<LOD	83
NA	3688	294	Pass	<LOD	81
NA	3439	304	Pass	96	30
NA	3878	317	Pass	<LOD	90
NA	3761	316	Pass	<LOD	91
NA	3575	309	Pass	115	31
NA	3450	307	Pass	<LOD	85
NA	3342	309	Pass	<LOD	91
NA	3450	306	Pass	<LOD	87
NA	2743	282	Pass	<LOD	83
NA	4207	311	Pass	<LOD	85
NA	3813	295	Pass	<LOD	87

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	511	32	Pass	32452	321	Pass	<LOD	170
	576	33	Pass	25299	265	Pass	<LOD	154
	10009	155	Pass	38416	423	Pass	<LOD	204
Pass	779	36	Pass	19893	211	Pass	<LOD	133
Pass	705	35	Pass	19735	208	Pass	<LOD	133
	701	34	Pass	18776	200	Pass	<LOD	130
Pass	1104	45	Pass	27322	289	Pass	<LOD	163
Pass	1191	45	Pass	26047	270	Pass	<LOD	158
Pass	882	43	Pass	26819	287	Pass	<LOD	163
Pass	1039	46	Pass	26466	289	Pass	<LOD	165
Pass	1029	45	Pass	25597	277	Pass	<LOD	162
Pass	880	43	Pass	24791	270	Pass	<LOD	157
	697	32	Pass	14192	154	Pass	<LOD	108
	681	31	Pass	14228	152	Pass	<LOD	107
Pass	652	31	Pass	13974	153	Pass	<LOD	109
Pass	841	37	Pass	20869	220	Pass	<LOD	139
Pass	691	35	Pass	20068	211	Pass	<LOD	135
Pass	697	35	Pass	21209	222	Pass	<LOD	138
Pass	685	33	Pass	20379	209	Pass	<LOD	132
Pass	770	35	Pass	20484	211	Pass	<LOD	132
Pass	739	34	Pass	20235	210	Pass	<LOD	133
	742	32	Pass	13948	152	Pass	<LOD	109
	834	34	Pass	13922	151	Pass	<LOD	109
	786	33	Pass	14294	155	Pass	<LOD	111
Pass	856	37	Pass	17360	185	Pass	<LOD	122
Pass	865	37	Pass	17011	184	Pass	<LOD	124
Pass	961	39	Pass	18990	201	Pass	<LOD	131
Pass	706	35	Pass	16814	182	Pass	<LOD	122
Pass	797	36	Pass	16485	181	Pass	<LOD	123
Pass	695	35	Pass	16636	182	Pass	<LOD	122
Pass	980	37	Pass	16850	177	Pass	<LOD	119
Pass	936	36	Pass	17015	178	Pass	<LOD	118
Pass	914	35	Pass	17096	177	Pass	<LOD	117
Pass	844	36	Pass	17431	185	Pass	<LOD	123
Pass	767	35	Pass	17065	184	Pass	<LOD	123
Pass	842	36	Pass	17347	188	Pass	<LOD	125
Pass	1035	43	Pass	18091	204	Pass	<LOD	134
Pass	1056	43	Pass	18998	211	Pass	<LOD	137
Pass	1052	43	Pass	18010	203	Pass	<LOD	134
Pass	1078	51	Pass	46503	487	Pass	<LOD	221
Pass	1083	52	Pass	49214	521	Pass	<LOD	233
Pass	1065	51	Pass	47379	497	Pass	<LOD	224
Pass	982	50	Pass	47572	499	Pass	<LOD	223
Pass	994	50	Pass	46923	495	Pass	<LOD	223
Pass	1113	51	Pass	49485	507	Pass	<LOD	223
Pass	1209	57	Pass	69831	729	Pass	<LOD	280
Pass	1078	53	Pass	54953	577	Pass	<LOD	248
Pass	1086	55	Pass	58763	623	Pass	<LOD	258
Pass	963	50	Pass	51496	535	Pass	<LOD	234

Pass	1086	52	Pass	53665	560	Pass	<LOD	244
Pass	1095	54	Pass	58250	618	Pass	<LOD	256
Pass	1175	58	Pass	42950	484	Pass	<LOD	223
Pass	1180	57	Pass	43246	488	Pass	<LOD	227
Pass	1040	56	Pass	42018	471	Pass	<LOD	221
	696	31	Pass	14830	156	Pass	<LOD	110
	713	31	Pass	15150	160	Pass	<LOD	111
	644	29	Pass	13513	142	Pass	<LOD	103
	759	32	Pass	14996	158	Pass	<LOD	112
	730	31	Pass	15321	159	Pass	<LOD	110
	763	32	Pass	15258	161	Pass	<LOD	111
	971	36	Pass	15881	168	Pass	<LOD	116
	906	35	Pass	15303	164	Pass	<LOD	113
	898	35	Pass	15551	166	Pass	<LOD	115
	857	34	Pass	16671	172	Pass	<LOD	113
	899	35	Pass	16434	172	Pass	<LOD	118
Pass	832	34	Pass	16553	173	Pass	<LOD	118
	1046	39	Pass	18673	195	Pass	<LOD	127
	1107	40	Pass	18313	193	Pass	<LOD	126
Pass	1045	38	Pass	18604	193	Pass	<LOD	126
	1075	39	Pass	18498	194	Pass	<LOD	125
	1113	39	Pass	17892	187	Pass	<LOD	124
	1179	40	Pass	18119	188	Pass	<LOD	124
	905	35	Pass	16662	175	Pass	<LOD	117
	1045	38	Pass	19943	204	Pass	<LOD	129
	884	35	Pass	16967	179	Pass	<LOD	120

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	76	11	Pass	<LOD	20		90	5
	45	11	Pass	94	9	Pass	306	9
	<LOD	39		3045	46	Pass	7109	82
	40	10	Pass	40	7	Pass	155	6
	32	10	Pass	38	7	Pass	147	6
	31	10	Pass	38	7	Pass	150	6
	51	11	Pass	60	8	Pass	148	7
	53	11	Pass	70	8	Pass	144	6
	52	11	Pass	70	8	Pass	154	7
	64	12	Pass	66	9	Pass	139	7
	49	11	Pass	57	8	Pass	145	7
	37	11	Pass	59	8	Pass	137	7
	28	9	Pass	27	6	Pass	71	4
	27	8	Pass	24	6	Pass	73	4
	<LOD	25		25	6	Pass	67	4
	38	10	Pass	73	8	Pass	199	7
	34	10	Pass	57	8	Pass	191	7
	<LOD	30		59	8	Pass	198	7
	47	10	Pass	41	7	Pass	165	6
	28	9	Pass	27	7	Pass	162	6
	37	10	Pass	28	7	Pass	164	6
	<LOD	25		21	6	Pass	328	9
	<LOD	26		25	6	Pass	333	9
	<LOD	26		21	6	Pass	317	9
	43	10	Pass	22	7	Pass	427	10
	<LOD	28		33	7	Pass	443	11
	<LOD	28		27	7	Pass	491	11
	<LOD	28		39	7	Pass	436	10
	<LOD	28		25	7	Pass	445	11
	<LOD	28		39	7	Pass	443	11
	<LOD	26		28	7	Pass	414	10
	33	9	Pass	29	7	Pass	426	10
	32	9	Pass	39	7	Pass	415	10
	28	9	Pass	28	7	Pass	337	9
	43	10	Pass	35	7	Pass	347	9
	47	10	Pass	26	7	Pass	359	10
	<LOD	30		58	8	Pass	428	11
	44	11	Pass	38	8	Pass	433	11
	38	10	Pass	47	8	Pass	406	11
	64	14	Pass	51	9	Pass	1025	19
	72	14	Pass	41	9	Pass	1068	20
	78	14	Pass	40	9	Pass	1015	19
	87	14	Pass	45	9	Pass	1055	19
	59	14	Pass	65	9	Pass	1010	19
	107	14	Pass	38	9	Pass	1027	19
	75	16	Pass	68	10	Pass	1279	23
	45	15	Pass	63	9	Pass	1217	22
	80	16	Pass	51	9	Pass	1205	22
	61	14	Pass	43	9	Pass	1197	21

	67	15	Pass	65	9	Pass	1235	22
	65	15	Pass	64	10	Pass	1339	23
	62	14	Pass	28	9	Pass	919	19
	62	14	Pass	47	9	Pass	954	20
	86	14	Pass	34	9	Pass	936	19
<LOD		25		30	6	Pass	159	6
<LOD		25		33	6	Pass	173	6
<LOD		24		32	6	Pass	155	6
<LOD		24		38	7	Pass	174	6
<LOD		24		39	7	Pass	174	6
<LOD		24		37	7	Pass	168	6
<LOD		26		33	7	Pass	228	7
	45	9	Pass	32	7	Pass	234	7
<LOD		27		43	7	Pass	229	7
	35	9	Pass	24	6	Pass	214	7
<LOD		26		32	7	Pass	216	7
<LOD		26		38	7	Pass	218	7
	28	9	Pass	39	7	Pass	280	8
	31	9	Pass	49	7	Pass	275	8
	29	9	Pass	36	7	Pass	277	8
<LOD		27		48	7	Pass	271	8
<LOD		28		56	7	Pass	272	8
<LOD		27		60	7	Pass	277	8
<LOD		26		43	7	Pass	247	8
<LOD		27		51	7	Pass	289	8
<LOD		27		25	7	Pass	249	8

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	7	2	Pass	<LOD	3		91	2
Pass	108	9	Pass	<LOD	5		115	3
Pass	693	24	Pass	<LOD	11		131	4
Pass	<LOD	18		<LOD	4		65	2
Pass	20	6	Pass	<LOD	4		66	2
Pass	<LOD	17		<LOD	4		67	2
Pass	25	7	Pass	<LOD	5		69	2
Pass	23	7	Pass	<LOD	5		76	2
Pass	<LOD	20		<LOD	4		70	2
Pass	<LOD	21		<LOD	4		72	2
Pass	27	7	Pass	<LOD	4		74	2
Pass	27	7	Pass	<LOD	4		67	2
Pass	<LOD	13		<LOD	3		66	2
Pass	<LOD	13		<LOD	3		64	2
Pass	<LOD	13		<LOD	3		64	2
Pass	<LOD	16		<LOD	4		69	2
Pass	<LOD	15		<LOD	4		70	2
Pass	<LOD	16		<LOD	3		70	2
Pass	20	6	Pass	<LOD	4		71	2
Pass	27	6	Pass	<LOD	4		73	2
Pass	22	6	Pass	<LOD	4		71	2
Pass	<LOD	17		<LOD	4		61	2
Pass	<LOD	17		<LOD	4		60	2
Pass	<LOD	17		<LOD	4		61	2
Pass	<LOD	23		<LOD	4		45	2
Pass	<LOD	23		<LOD	4		50	2
Pass	<LOD	22		<LOD	4		50	2
Pass	22	7	Pass	<LOD	4		60	2
Pass	27	7	Pass	<LOD	5		57	2
Pass	25	7	Pass	<LOD	4		56	2
Pass	<LOD	14		<LOD	4		67	2
Pass	15	5	Pass	<LOD	3		66	2
Pass	19	5	Pass	<LOD	3		61	2
Pass	16	5	Pass	<LOD	4		63	2
Pass	<LOD	16		<LOD	4		62	2
Pass	<LOD	16		<LOD	4		64	2
Pass	41	6	Pass	<LOD	4		58	2
Pass	39	6	Pass	<LOD	4		61	2
Pass	28	6	Pass	<LOD	4		56	2
Pass	60	9	Pass	<LOD	5		49	2
Pass	46	9	Pass	<LOD	5		45	2
Pass	60	9	Pass	<LOD	6		49	2
Pass	68	9	Pass	<LOD	6		47	2
Pass	44	9	Pass	<LOD	5		43	2
Pass	51	9	Pass	<LOD	5		46	2
Pass	80	10	Pass	<LOD	5		56	2
Pass	45	9	Pass	<LOD	5		66	2
Pass	74	9	Pass	<LOD	6		60	2
Pass	69	9	Pass	<LOD	5		61	2

Pass		52	9	Pass	<LOD	5	63	2
Pass		84	9	Pass	<LOD	5	63	2
Pass		47	9	Pass	<LOD	5	35	2
Pass		64	9	Pass	<LOD	5	41	2
Pass		43	9	Pass	<LOD	5	35	2
Pass		20	5	Pass	<LOD	3	53	2
Pass	<LOD		14		<LOD	3	58	2
Pass	<LOD		14		<LOD	3	56	2
Pass	<LOD		17		<LOD	4	61	2
Pass	<LOD		17		<LOD	3	60	2
Pass	<LOD		17		<LOD	3	59	2
Pass		30	9	Pass	<LOD	5	55	2
Pass		28	9	Pass	<LOD	5	53	2
Pass	<LOD		26		<LOD	5	54	2
Pass	<LOD		20		<LOD	4	55	2
Pass	<LOD		20		<LOD	4	56	2
Pass		33	7	Pass	<LOD	4	56	2
Pass		28	8	Pass	<LOD	4	53	2
Pass	<LOD		25		<LOD	4	54	2
Pass		25	8	Pass	<LOD	4	54	2
Pass	<LOD		25		<LOD	4	57	2
Pass	<LOD		25		<LOD	4	56	2
Pass		31	8	Pass	<LOD	4	62	2
Pass	<LOD		26		<LOD	4	57	2
Pass		36	9	Pass	<LOD	5	64	2
Pass	<LOD		26		<LOD	5	56	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	229	4	Pass	87	4	Pass	<LOD	8
Pass	248	4	Pass	263	5	Pass	<LOD	8
Pass	333	6	Pass	43	4	Pass	21	3
Pass	206	4	Pass	279	5	Pass	9	3
Pass	206	4	Pass	335	5	Pass	<LOD	8
Pass	208	4	Pass	335	5	Pass	<LOD	8
Pass	201	4	Pass	320	5	Pass	<LOD	8
Pass	201	4	Pass	336	5	Pass	<LOD	8
Pass	228	4	Pass	300	5	Pass	<LOD	8
Pass	282	5	Pass	350	6	Pass	12	3
Pass	280	5	Pass	351	6	Pass	<LOD	8
Pass	277	5	Pass	375	6	Pass	10	3
Pass	90	2	Pass	377	5	Pass	10	3
Pass	83	2	Pass	365	5	Pass	10	2
Pass	88	2	Pass	372	5	Pass	<LOD	8
Pass	163	3	Pass	401	6	Pass	8	3
Pass	155	3	Pass	396	6	Pass	10	3
Pass	165	3	Pass	392	6	Pass	9	3
Pass	113	3	Pass	383	5	Pass	<LOD	8
Pass	115	3	Pass	391	6	Pass	10	3
Pass	116	3	Pass	403	6	Pass	11	3
Pass	92	2	Pass	578	7	Pass	<LOD	8
Pass	87	2	Pass	527	6	Pass	<LOD	8
Pass	91	2	Pass	555	7	Pass	<LOD	8
Pass	138	3	Pass	286	5	Pass	9	3
Pass	151	3	Pass	315	5	Pass	11	3
Pass	151	3	Pass	316	5	Pass	9	3
Pass	168	3	Pass	411	6	Pass	9	3
Pass	164	3	Pass	422	6	Pass	11	3
Pass	169	3	Pass	394	6	Pass	12	3
Pass	103	2	Pass	407	6	Pass	9	3
Pass	99	2	Pass	410	6	Pass	<LOD	8
Pass	102	2	Pass	396	5	Pass	<LOD	7
Pass	127	3	Pass	476	6	Pass	8	3
Pass	134	3	Pass	464	6	Pass	13	3
Pass	124	3	Pass	484	6	Pass	8	3
Pass	285	5	Pass	415	6	Pass	<LOD	8
Pass	311	5	Pass	421	6	Pass	10	3
Pass	296	5	Pass	421	6	Pass	<LOD	8
Pass	178	4	Pass	89	4	Pass	<LOD	8
Pass	192	4	Pass	99	4	Pass	<LOD	9
Pass	175	4	Pass	97	4	Pass	<LOD	8
Pass	228	4	Pass	103	4	Pass	<LOD	8
Pass	218	4	Pass	98	4	Pass	<LOD	8
Pass	235	4	Pass	98	4	Pass	<LOD	8
Pass	191	4	Pass	82	4	Pass	<LOD	9
Pass	197	4	Pass	123	4	Pass	<LOD	9
Pass	223	4	Pass	120	5	Pass	<LOD	9
Pass	210	4	Pass	165	5	Pass	<LOD	8

Pass	218	4	Pass	179	5	Pass	<LOD	9
Pass	230	4	Pass	177	5	Pass	10	3
Pass	364	6	Pass	136	5	Pass	<LOD	9
Pass	323	6	Pass	145	5	Pass	<LOD	9
Pass	341	6	Pass	149	5	Pass	<LOD	9
Pass	64	2	Pass	376	5	Pass	9	2
Pass	63	2	Pass	377	5	Pass	14	2
Pass	65	2	Pass	385	5	Pass	10	2
Pass	70	2	Pass	416	5	Pass	13	2
Pass	68	2	Pass	405	5	Pass	9	2
Pass	73	2	Pass	427	6	Pass	12	3
Pass	68	2	Pass	340	5	Pass	<LOD	7
Pass	65	2	Pass	326	5	Pass	<LOD	7
Pass	66	2	Pass	350	5	Pass	<LOD	7
Pass	74	2	Pass	372	5	Pass	9	2
Pass	71	2	Pass	358	5	Pass	8	2
Pass	74	2	Pass	362	5	Pass	12	2
Pass	68	2	Pass	320	5	Pass	<LOD	8
Pass	66	2	Pass	338	5	Pass	9	3
Pass	72	2	Pass	332	5	Pass	<LOD	7
Pass	77	2	Pass	367	5	Pass	<LOD	8
Pass	76	2	Pass	377	5	Pass	10	3
Pass	77	2	Pass	378	5	Pass	<LOD	8
Pass	69	2	Pass	321	5	Pass	<LOD	7
Pass	76	2	Pass	357	5	Pass	12	3
Pass	74	2	Pass	322	5	Pass	10	3

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	29		<LOD	36		<LOD	58
	<LOD	31		51	13	Pass	<LOD	63
Pass	<LOD	34		44	14	Pass	<LOD	68
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	31		<LOD	39		<LOD	64
	<LOD	30		<LOD	37		<LOD	62
	<LOD	31		<LOD	39		<LOD	64
Pass	<LOD	32		<LOD	40		<LOD	66
	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	32		<LOD	39		<LOD	64
Pass	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	61
	<LOD	29		<LOD	35		<LOD	59
Pass	<LOD	29		<LOD	35		<LOD	58
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	58
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	61
Pass	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	61
Pass	<LOD	30		<LOD	37		<LOD	60
	<LOD	31		<LOD	38		<LOD	63
Pass	<LOD	31		<LOD	38		64	21
	<LOD	31		<LOD	38		<LOD	63
	<LOD	33		<LOD	40		<LOD	66
	<LOD	33		<LOD	41		<LOD	68
	<LOD	33		<LOD	40		<LOD	67
	<LOD	33		<LOD	40		<LOD	66
	<LOD	33		<LOD	41		<LOD	67
	<LOD	32		<LOD	40		<LOD	67
	<LOD	34		<LOD	41		<LOD	69
	<LOD	34		<LOD	41		<LOD	68
	<LOD	34		<LOD	42		<LOD	69
	<LOD	33		<LOD	40		<LOD	66

	<LOD	33	<LOD	41		<LOD	67	
Pass	<LOD	34	<LOD	42		<LOD	70	
	<LOD	35	<LOD	43		<LOD	71	
	<LOD	35	<LOD	43		<LOD	72	
	<LOD	35	<LOD	42		76	24	
Pass	<LOD	28	<LOD	34		<LOD	55	
Pass	<LOD	28	<LOD	34		<LOD	56	
Pass	<LOD	27	<LOD	33		<LOD	54	
Pass	<LOD	28	<LOD	34		<LOD	55	
Pass	<LOD	27	<LOD	34		<LOD	54	
Pass	<LOD	28	<LOD	34		<LOD	54	
	<LOD	28	<LOD	35		<LOD	58	
	<LOD	28	<LOD	35		<LOD	58	
	<LOD	28	<LOD	35		<LOD	58	
Pass	<LOD	28	<LOD	34		<LOD	55	
Pass	<LOD	28	<LOD	34		<LOD	55	
Pass	<LOD	28	<LOD	35		<LOD	56	
	<LOD	29	<LOD	36		<LOD	59	
Pass	<LOD	29	<LOD	36		<LOD	59	
	<LOD	29	<LOD	36		<LOD	58	
	<LOD	29	<LOD	35		<LOD	58	
Pass	<LOD	29	<LOD	35		<LOD	58	
	<LOD	28	<LOD	35		<LOD	58	
	<LOD	28	<LOD	34		<LOD	55	
Pass	<LOD	28	<LOD	34		<LOD	53	
Pass	<LOD	28	36	12	Pass	<LOD	56	

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			926	198
	<LOD	66		NA			684	191
	<LOD	70		NA			987	241
	<LOD	64		NA			7255	314
	<LOD	63		NA			7059	307
	<LOD	63		NA			7006	306
	<LOD	67		NA			13456	433
	<LOD	65		NA			14021	429
	<LOD	68		NA			18329	503
	<LOD	69		NA			16324	484
	<LOD	67		NA			15185	462
	<LOD	67		NA			15663	469
	<LOD	61		NA			2425	211
	<LOD	60		NA			1970	197
	<LOD	61		NA			2025	203
	<LOD	64		NA			5992	299
	<LOD	64		NA			6169	297
	<LOD	64		NA			6730	309
	<LOD	62		NA			4085	252
	<LOD	62		NA			3331	240
	<LOD	62		NA			3527	243
	<LOD	61		NA			1694	196
	<LOD	60		NA			1757	197
	<LOD	62		NA			1646	199
	<LOD	63		NA			8157	321
	<LOD	63		NA			7807	319
	<LOD	64		NA			8290	327
	<LOD	63		NA			7721	317
	<LOD	64		NA			7211	313
	<LOD	64		NA			8115	327
	<LOD	61		NA			2702	220
	<LOD	60		NA			2612	215
	<LOD	59		NA			2469	213
	<LOD	62		NA			4494	259
	<LOD	64		NA			4500	266
	<LOD	64		NA			4473	263
	<LOD	66		NA			13694	430
Pass	<LOD	66		NA			14507	440
	<LOD	66		NA			13042	419
	<LOD	70		NA			20132	554
	<LOD	72		NA			19701	555
	<LOD	70		NA			20813	563
	<LOD	70		NA			22593	589
	<LOD	71		NA			22020	581
	<LOD	70		NA			23735	594
	<LOD	72		NA			23711	624
	<LOD	72		NA			24438	622
	<LOD	73		NA			25369	646
	<LOD	70		NA			20066	557

	<LOD	71	NA	20992	576
	<LOD	73	NA	23046	615
	<LOD	75	NA	43445	889
	<LOD	76	NA	33477	768
Pass	<LOD	74	NA	39980	843
	<LOD	58	NA	860	170
	<LOD	58	NA	732	167
	<LOD	57	NA	1108	166
	<LOD	58	NA	919	172
	<LOD	57	NA	1160	175
	<LOD	57	NA	634	164
	<LOD	61	NA	1269	184
	<LOD	61	NA	1303	181
	<LOD	61	NA	888	176
	<LOD	57	NA	1340	183
	<LOD	57	NA	1054	179
	<LOD	59	NA	1691	193
	<LOD	62	NA	1430	196
	<LOD	62	NA	1438	196
	<LOD	62	NA	1437	194
	<LOD	60	NA	1403	192
	<LOD	61	NA	1654	197
	<LOD	60	NA	1523	193
	<LOD	58	NA	1224	180
	<LOD	56	NA	1049	187
	<LOD	58	NA	797	177

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	10		<LOD	8		29	4
Pass	<LOD	20		<LOD	22		1180	18
Pass	<LOD	46		55	17	Pass	5631	64
Pass	<LOD	15		19	5	Pass	529	11
Pass	<LOD	14		<LOD	15		486	10
Pass	<LOD	14		<LOD	15		497	10
Pass	<LOD	16		24	6	Pass	651	13
Pass	<LOD	16		<LOD	18		692	13
Pass	<LOD	16		<LOD	17		589	12
Pass	<LOD	17		<LOD	18		627	13
Pass	<LOD	16		<LOD	17		595	12
Pass	<LOD	16		22	6	Pass	552	12
Pass	<LOD	12		14	4	Pass	285	7
Pass	<LOD	12		13	4	Pass	288	7
Pass	<LOD	12		<LOD	12		282	7
Pass	<LOD	14		<LOD	14		380	9
Pass	<LOD	13		<LOD	14		393	9
Pass	<LOD	14		<LOD	14		383	9
Pass	<LOD	13		<LOD	14		478	10
Pass	<LOD	14		<LOD	14		470	10
Pass	<LOD	14		<LOD	15		468	10
Pass	<LOD	14		<LOD	15		525	10
Pass	<LOD	14		22	5	Pass	546	10
Pass	<LOD	14		<LOD	15		524	10
Pass	<LOD	17		20	6	Pass	905	14
Pass	<LOD	17		<LOD	19		881	14
Pass	<LOD	17		22	6	Pass	844	14
Pass	<LOD	16		19	6	Pass	792	13
Pass	<LOD	17		19	6	Pass	794	13
Pass	<LOD	16		19	6	Pass	795	13
Pass	<LOD	12		13	4	Pass	355	8
Pass	<LOD	12		<LOD	13		356	8
Pass	<LOD	13		<LOD	12		347	8
Pass	<LOD	13		<LOD	14		389	9
Pass	<LOD	13		21	5	Pass	396	9
Pass	<LOD	13		17	5	Pass	383	9
Pass	<LOD	15		<LOD	15		475	10
Pass	<LOD	16		<LOD	16		494	11
Pass	<LOD	14		<LOD	16		485	11
Pass	<LOD	20		<LOD	22		1001	17
Pass	<LOD	21		<LOD	23		1006	17
Pass	<LOD	20		<LOD	23		1008	17
Pass	<LOD	21		<LOD	23		1033	18
Pass	<LOD	21		<LOD	22		1013	17
Pass	<LOD	21		<LOD	23		1101	18
Pass	<LOD	21		25	8	Pass	1134	19
Pass	<LOD	21		<LOD	21		904	16
Pass	<LOD	21		<LOD	23		969	17
Pass	<LOD	19		<LOD	20		872	16

Pass	<LOD	20	<LOD		21		917	16
Pass	<LOD	21		27	8	Pass	919	17
Pass	<LOD	21	<LOD		21		773	16
Pass	<LOD	20	<LOD		21		771	16
Pass	<LOD	20	<LOD		22		782	16
Pass	<LOD	12	<LOD		13		429	9
Pass	<LOD	12	<LOD		13		384	8
Pass	<LOD	11	<LOD		12		389	8
Pass	<LOD	13	<LOD		14		546	10
Pass	<LOD	13	<LOD		14		520	10
Pass	<LOD	13	<LOD		14		525	10
Pass	<LOD	17	<LOD		21		1257	17
Pass	<LOD	17	<LOD		21		1238	17
Pass	<LOD	17	<LOD		21		1289	18
Pass	<LOD	15	<LOD		17		782	12
Pass	<LOD	14	<LOD		17		769	13
Pass	<LOD	15	<LOD		17		767	12
Pass	<LOD	16	<LOD		19		1001	15
Pass	<LOD	17	<LOD		20		1095	16
Pass	<LOD	16	<LOD		19		969	15
Pass	<LOD	17	<LOD		20		1100	16
Pass	<LOD	17	<LOD		20		1097	16
Pass	<LOD	17	<LOD		20		1088	16
Pass	<LOD	18	<LOD		21		1265	17
Pass	<LOD	17	<LOD		22		1368	18
Pass	<LOD	18	<LOD		21		1280	17

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019808			222			47.29	
Pass							56.28	testing
Pass							54.57	testing
Pass							55.11	testing
Pass							53.09	testing
Pass							52.9	testing
Pass							53.43	testing
Pass							54.12	testing
Pass							53.42	testing
Pass							54.61	testing
Pass							54.89	testing
Pass							54.44	testing
Pass							54.83	testing
Pass							52.04	testing
Pass							52.22	testing
Pass							52.68	testing
Pass							53.5	testing
Pass							52.98	testing
Pass							53.03	testing
Pass							52.74	testing
Pass							53.07	testing
Pass							53.1	testing
Pass							52.36	testing
Pass							52.44	testing
Pass							52.34	testing
Pass							53.83	testing
Pass							52.87	testing
Pass							53.31	testing
Pass							52.67	testing
Pass							53.27	testing
Pass							52.92	testing
Pass							52.42	testing
Pass							52.67	testing
Pass							53.75	testing
Pass							53.53	testing
Pass							52.47	testing
Pass							53.04	testing
Pass							54.07	testing
Pass							53.4	testing
Pass							54.08	testing
Pass							55.56	testing
Pass							55.76	testing
Pass							55.66	testing
Pass							56.24	testing
Pass							55.89	testing
Pass							54.89	testing
Pass							56.6	testing
Pass							55.9	testing
Pass							56.23	testing
Pass							56.07	testing

Pass			56.15	testing
Pass			55.98	testing
Pass			57.16	testing
Pass			57.65	testing
Pass			57.04	testing
Pass			53.26	testing
	0.019809	226	47.18	
Pass			53.83	testing
Pass			52.24	testing
Pass			53.65	testing
Pass			53.86	testing
Pass			54.16	testing
Pass			53.95	testing
Pass			53.47	testing
Pass			53.5	testing
Pass			54.64	testing
Pass			54.47	testing
Pass			53.49	testing
Pass			53.94	testing
Pass			53.61	testing
Pass			53.07	testing
Pass			53.83	testing
Pass			53.37	testing
Pass			53.2	testing
Pass			54.27	testing
Pass			55.64	testing
Pass			55.59	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
27-Aug-08	1			-0.017845			PASS	Standardiz
27-Aug-08	2				NIST2710	high		Soil
27-Aug-08	3				NIST2711	medium		Soil
27-Aug-08	4				NIST2709	low		Soil
27-Aug-08	5				20009	F1		Soil
27-Aug-08	6				20009	F1		Soil
27-Aug-08	7				20009	F2		Soil
27-Aug-08	8				20009	F2		Soil
27-Aug-08	9				20009	F2		Soil
27-Aug-08	10				20009	F2		Soil
27-Aug-08	11				20009	B1		Soil
27-Aug-08	12				20009	B1		Soil
27-Aug-08	13				20009	B1		Soil
27-Aug-08	14				20009	B2		Soil
27-Aug-08	15				20009	B2		Soil
27-Aug-08	16				20009	B2		Soil
27-Aug-08	17				20009	DZ		Soil
27-Aug-08	18				20009	DZ		Soil
27-Aug-08	19				20009	DZ		Soil
27-Aug-08	20				20009	PZ		Soil
27-Aug-08	21				20009	PZ		Soil
27-Aug-08	22				20009	PZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
11:15:00								
11:16:27				<LOD		0	NA	
11:19:18				<LOD		0	NA	
11:21:32				<LOD		0	NA	
11:24:01	shot 1			<LOD		0	NA	
11:26:29	shot 2			<LOD		0	NA	
11:28:49	shot 3			<LOD		0	NA	
11:31:13	shot 1			<LOD		0	NA	
11:33:46	shot 2			<LOD		0	NA	
11:36:04	shot 3			<LOD		0	NA	
11:38:30	shot 1			<LOD		0	NA	
11:41:50	shot 2			<LOD		0	NA	
11:44:42	shot 3			<LOD		0	NA	
11:47:09	shot 1			<LOD		0	NA	
11:49:29	shot 2			<LOD		0	NA	
11:51:55	shot 3			<LOD		0	NA	
11:54:10	shot 1			<LOD		0	NA	
11:56:24	shot 2			<LOD		0	NA	
11:58:38	shot 3			<LOD		0	NA	
12:00:53	shot 1			<LOD		0	NA	
12:03:13	shot 2			<LOD		0	NA	
12:05:50	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3181	384	Pass	<LOD	128
	NA			2959	307	Pass	128	34
	NA			3804	322	Pass	136	34
	NA			3902	294	Pass	87	28
	NA			4256	297	Pass	121	29
	NA			3657	286	Pass	<LOD	81
	NA			3648	341	Pass	124	33
	NA			4123	348	Pass	110	33
	NA			3921	345	Pass	137	33
	NA			3647	281	Pass	<LOD	80
	NA			3747	286	Pass	102	28
	NA			4111	287	Pass	<LOD	75
	NA			3977	283	Pass	<LOD	80
	NA			3565	289	Pass	<LOD	82
	NA			4028	297	Pass	103	29
	NA			4254	289	Pass	135	29
	NA			4386	293	Pass	<LOD	74
	NA			3553	288	Pass	<LOD	82
	NA			3185	354	Pass	106	33
	NA			2691	361	Pass	<LOD	102
	NA			3518	359	Pass	<LOD	98

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	10459	160	Pass	38737	425	Pass	<LOD	208
Pass	511	32	Pass	25182	262	Pass	<LOD	154
Pass	430	31	Pass	32455	318	Pass	<LOD	168
Pass	528	28	Pass	12374	136	Pass	<LOD	101
Pass	527	28	Pass	12632	138	Pass	<LOD	101
	511	27	Pass	12539	137	Pass	<LOD	99
Pass	582	31	Pass	15430	167	Pass	<LOD	114
Pass	640	32	Pass	16523	175	Pass	<LOD	120
Pass	654	32	Pass	15871	171	Pass	<LOD	116
	713	31	Pass	13065	140	Pass	<LOD	102
Pass	704	31	Pass	13493	145	Pass	<LOD	104
	677	30	Pass	13827	148	Pass	<LOD	107
	657	30	Pass	11622	129	Pass	<LOD	99
	729	32	Pass	12572	139	Pass	<LOD	102
Pass	861	34	Pass	13853	149	Pass	<LOD	108
Pass	627	29	Pass	12003	132	Pass	<LOD	100
	593	29	Pass	12215	134	Pass	<LOD	99
	700	31	Pass	11901	133	Pass	<LOD	98
Pass	646	32	Pass	17292	181	Pass	<LOD	121
	633	32	Pass	17426	184	Pass	<LOD	121
	623	32	Pass	17607	185	Pass	<LOD	122

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	40		3081	46	Pass	7117	82
	<LOD	31		97	9	Pass	312	9
	82	11	Pass	22	7	Pass	94	5
	<LOD	25		37	7	Pass	65	4
	26	8	Pass	19	6	Pass	58	4
	<LOD	24		22	6	Pass	64	4
	47	9	Pass	98	8	Pass	192	7
	<LOD	27		109	8	Pass	208	7
	<LOD	26		102	8	Pass	181	7
	<LOD	23		24	6	Pass	95	5
	<LOD	24		24	6	Pass	94	5
	<LOD	24		21	6	Pass	96	5
	<LOD	25		22	6	Pass	65	4
	<LOD	24		27	6	Pass	68	4
	<LOD	26		22	6	Pass	70	4
	<LOD	25		36	6	Pass	502	11
	<LOD	24		36	6	Pass	508	11
	<LOD	25		29	6	Pass	502	11
	34	9	Pass	100	8	Pass	177	7
	<LOD	27		114	8	Pass	207	7
	<LOD	26		107	8	Pass	191	7

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	704	24	Pass	<LOD	10		129	4
Pass	114	9	Pass	<LOD	5		116	3
Pass	10	2	Pass	<LOD	3		91	2
Pass	<LOD	9		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		61	2
Pass	<LOD	9		<LOD	3		61	2
Pass	18	4	Pass	<LOD	3		58	2
Pass	<LOD	13		<LOD	4		60	2
Pass	<LOD	13		<LOD	3		57	2
Pass	10	3	Pass	<LOD	3		62	2
Pass	<LOD	9		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		63	2
Pass	<LOD	9		<LOD	3		60	2
Pass	<LOD	9		<LOD	3		67	2
Pass	<LOD	9		<LOD	3		65	2
Pass	<LOD	8		<LOD	3		55	2
Pass	<LOD	9		<LOD	3		62	2
Pass	<LOD	9		<LOD	3		59	2
Pass	20	5	Pass	<LOD	3		52	2
Pass	<LOD	15		<LOD	3		51	2
Pass	16	5	Pass	<LOD	3		53	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	338	6	Pass	48	4	Pass	19	3
Pass	254	4	Pass	261	5	Pass	<LOD	8
Pass	229	4	Pass	91	4	Pass	<LOD	7
Pass	84	2	Pass	506	6	Pass	<LOD	8
Pass	90	2	Pass	512	6	Pass	<LOD	7
Pass	89	2	Pass	496	6	Pass	<LOD	7
Pass	114	3	Pass	419	6	Pass	<LOD	8
Pass	117	3	Pass	421	6	Pass	<LOD	8
Pass	115	3	Pass	442	6	Pass	<LOD	8
Pass	90	2	Pass	480	6	Pass	10	2
Pass	93	2	Pass	489	6	Pass	14	3
Pass	89	2	Pass	491	6	Pass	11	3
Pass	85	2	Pass	565	7	Pass	<LOD	8
Pass	92	2	Pass	563	7	Pass	<LOD	8
Pass	88	2	Pass	556	7	Pass	11	3
Pass	88	2	Pass	517	6	Pass	8	2
Pass	86	2	Pass	509	6	Pass	8	2
Pass	87	2	Pass	509	6	Pass	9	3
Pass	120	3	Pass	332	5	Pass	9	3
Pass	118	3	Pass	326	5	Pass	<LOD	8
Pass	120	3	Pass	327	5	Pass	10	3

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
Pass		36 11	Pass	<LOD	42		<LOD	67
	<LOD	31		49	13	Pass	<LOD	62
	<LOD	29		<LOD	36		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
	<LOD	29		<LOD	35		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	27		<LOD	34		<LOD	55
Pass	<LOD	28		<LOD	34		<LOD	54
Pass	<LOD	28		<LOD	34		<LOD	55
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	29		<LOD	35		<LOD	58
	<LOD	29		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	56

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	70		NA			990	242
	<LOD	66		NA			870	192
	<LOD	60		NA			891	196
	<LOD	60		NA			1202	179
	<LOD	60		NA			1059	178
	<LOD	60		NA			1163	175
	<LOD	62		NA			2938	225
	<LOD	62		NA			2940	227
	<LOD	63		NA			2889	226
	<LOD	57		NA			1011	171
	<LOD	56		NA			979	173
	<LOD	57		NA			804	170
	<LOD	59		NA			791	168
	<LOD	61		NA			1172	178
	<LOD	60		NA			1163	181
	<LOD	60		NA			812	171
	<LOD	59		NA			874	172
	<LOD	60		NA			1171	177
	<LOD	60		NA			4009	243
	<LOD	60		NA			4569	254
	<LOD	58		NA			3950	244

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	45		<LOD	50		5759	65
Pass	<LOD	20		<LOD	22		1180	18
Pass	<LOD	11		<LOD	9		17	3
Pass	<LOD	10		<LOD	10		126	5
Pass	<LOD	10		11	3	Pass	125	5
Pass	<LOD	11		<LOD	10		138	5
Pass	<LOD	12		<LOD	12		271	7
Pass	<LOD	12		<LOD	12		298	8
Pass	<LOD	12		14	4	Pass	286	7
Pass	<LOD	10		11	3	Pass	108	5
Pass	<LOD	10		<LOD	9		120	5
Pass	<LOD	10		<LOD	9		117	5
Pass	<LOD	9		<LOD	10		120	5
Pass	<LOD	10		<LOD	10		118	5
Pass	<LOD	11		10	3	Pass	124	5
Pass	<LOD	10		<LOD	9		107	5
Pass	<LOD	10		<LOD	9		103	5
Pass	<LOD	11		<LOD	10		109	5
Pass	<LOD	12		<LOD	13		356	8
Pass	<LOD	13		16	5	Pass	352	8
Pass	<LOD	13		<LOD	13		357	8

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019816				224		47.45	
Pass							56.19	testing
Pass							55.37	testing
Pass							57.23	testing
Pass							51.98	testing
Pass							51.7	testing
Pass							51.6	testing
Pass							52.52	testing
Pass							53.3	testing
Pass							52.25	testing
Pass							52.6	testing
Pass							53.94	testing
Pass							52.8	testing
Pass							51.58	testing
Pass							51.82	testing
Pass							51.89	testing
Pass							51.36	testing
Pass							51.63	testing
Pass							52.02	testing
Pass							53.16	testing
Pass							53.9	testing
Pass							54.37	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
28-Aug-08	1			-0.017617			PASS	Standardiz
28-Aug-08	2				NIST2711	medium		Soil
28-Aug-08	3				NIST2709	low		Soil
28-Aug-08	4				NIST2709	low		Soil
28-Aug-08	5				1634	F1		Soil
28-Aug-08	6				1634	F1		Soil
28-Aug-08	7				1634	F1		Soil
28-Aug-08	8				1634	F2-10 sieve		Soil
28-Aug-08	9				1634	F2-60 sieve		Soil
28-Aug-08	10				1634	F2-10 sieve		Soil
28-Aug-08	11				1634	F2-60 sieve		Soil
28-Aug-08	12				1634	F2-60 sieve		Soil
28-Aug-08	13				1634	F2-60 sieve		Soil
28-Aug-08	14				1634	B1-10 sieve		Soil
28-Aug-08	15				1634	B1-10 sieve		Soil
28-Aug-08	16				1634	B1-10 sieve		Soil
28-Aug-08	17				1634	B1-60 sieve		Soil
28-Aug-08	18				1634	B2-60 sieve		Soil
28-Aug-08	19				1634	B1-60 sieve		Soil
28-Aug-08	20				1634	B2		Soil
28-Aug-08	21				1634	B2		Soil
28-Aug-08	22				1634	B2		Soil
28-Aug-08	23				1643	F1		Soil
28-Aug-08	24			-0.019334			PASS	Standardiz
28-Aug-08	25				1643	F1		Soil
28-Aug-08	26				1643	F1		Soil
28-Aug-08	27				1643	F2		Soil
28-Aug-08	28				1643	F2		Soil
28-Aug-08	29				1643	F2		Soil
28-Aug-08	30				1643	B1-10 sieve		Soil
28-Aug-08	31				1643	B1-10 sieve		Soil
28-Aug-08	32				1643	B1-10 sieve		Soil
28-Aug-08	33				1643	B1-60 sieve		Soil
28-Aug-08	34				1643	B1-60 sieve		Soil
28-Aug-08	35				1643	B1-60 sieve		Soil
28-Aug-08	36				1643	B2		Soil
28-Aug-08	37				1643	B2		Soil
28-Aug-08	38				1643	B2		Soil
28-Aug-08	39				1643	DZ		Soil
28-Aug-08	40				1643	DZ		Soil
28-Aug-08	41				1643	DZ		Soil
28-Aug-08	42				1643	PZ		Soil
28-Aug-08	43				1643	PZ		Soil
28-Aug-08	44				1643	PZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
7:08:48								
7:10:18				<LOD		0	NA	
7:13:08				<LOD		0	NA	
7:15:11				<LOD		0	NA	
9:00:16	shot 1			<LOD		0	NA	
9:02:40	shot 2			<LOD		0	NA	
9:05:37	shot 3			<LOD		0	NA	
10:24:14	shot 1			<LOD		0	NA	
10:26:50	shot 2			<LOD		0	NA	
10:29:45	shot 3			<LOD		0	NA	
10:32:47	shot 1			<LOD		0	NA	
10:35:38	shot 2			<LOD		0	NA	
10:38:23	shot 3			<LOD		0	NA	
10:41:08	shot 1			<LOD		0	NA	
10:43:28	shot 2			<LOD		0	NA	
10:46:53	shot 3			<LOD		0	NA	
10:50:06	shot 1			<LOD		0	NA	
10:52:45	shot 2			<LOD		0	NA	
10:56:10	shot 3			<LOD		0	NA	
11:00:41	shot 1			<LOD		0	NA	
11:03:16	shot 2			<LOD		0	NA	
11:08:08	shot 3			<LOD		0	NA	
11:12:11	shot 1			<LOD		0	NA	
11:14:36								
11:16:06	shot 2			<LOD		0	NA	
11:19:13	shot 3			<LOD		0	NA	
11:23:07	shot 1			<LOD		0	NA	
11:25:35	shot 2			<LOD		0	NA	
11:29:48	shot 3			<LOD		0	NA	
11:34:35	shot 1			<LOD		0	NA	
11:36:54	shot 2			<LOD		0	NA	
11:39:27	shot 3			<LOD		0	NA	
11:42:08	shot 1			<LOD		0	NA	
11:44:47	shot 2			<LOD		0	NA	
11:47:32	shot 3			<LOD		0	NA	
11:51:43	shot 1			<LOD		0	NA	
11:56:29	shot 2			<LOD		0	NA	
11:58:52	shot 3			<LOD		0	NA	
12:01:03	shot 1			<LOD		0	NA	
12:04:00	shot 2			<LOD		0	NA	
12:07:02	shot 3			<LOD		0	NA	
12:10:00	shot 1			<LOD		0	NA	
12:13:46	shot 2			<LOD		0	NA	
12:16:12	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3459	317	Pass	<LOD	97
	NA			2529	307	Pass	145	35
	NA			3095	375	Pass	<LOD	122
	NA			4242	419	Pass	131	39
	NA			3424	405	Pass	<LOD	118
	NA			3824	404	Pass	<LOD	114
	NA			4737	377	Pass	<LOD	101
	NA			4562	324	Pass	103	31
	NA			4784	335	Pass	<LOD	90
	NA			3973	307	Pass	<LOD	86
	NA			3779	304	Pass	<LOD	87
	NA			4331	326	Pass	<LOD	90
	NA			4071	323	Pass	136	32
	NA			3962	324	Pass	<LOD	93
	NA			3677	311	Pass	<LOD	90
	NA			4599	307	Pass	<LOD	86
	NA			4161	309	Pass	107	30
	NA			4533	313	Pass	<LOD	84
	NA			4267	300	Pass	121	29
	NA			4301	297	Pass	117	29
	NA			4162	295	Pass	<LOD	80
	NA			3350	288	Pass	106	29
	NA			2816	288	Pass	<LOD	85
	NA			3379	296	Pass	<LOD	82
	NA			1394	223	Pass	<LOD	70
	NA			1288	224	Pass	<LOD	69
	NA			1321	220	Pass	<LOD	68
	NA			3578	337	Pass	145	34
	NA			3308	339	Pass	<LOD	98
	NA			3435	338	Pass	<LOD	94
	NA			3514	340	Pass	<LOD	93
	NA			3576	325	Pass	<LOD	93
	NA			2939	320	Pass	135	33
	NA			3432	291	Pass	89	28
	NA			3235	285	Pass	115	29
	NA			3484	289	Pass	<LOD	80
	NA			3264	298	Pass	128	31
	NA			3233	300	Pass	<LOD	88
	NA			3033	291	Pass	<LOD	84
	NA			1282	205	Pass	<LOD	64
	NA			1849	207	Pass	<LOD	67
	NA			1629	208	Pass	<LOD	65

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	497	32	Pass	25312	263	Pass	<LOD	153
Pass	431	31	Pass	32268	317	Pass	<LOD	168
	10020	155	Pass	37869	417	Pass	<LOD	204
Pass	491	33	Pass	29789	299	Pass	<LOD	166
	590	35	Pass	29583	304	Pass	<LOD	169
	480	33	Pass	29263	296	Pass	<LOD	165
	488	30	Pass	21785	226	Pass	<LOD	139
Pass	561	30	Pass	19280	197	Pass	<LOD	129
	741	34	Pass	21027	216	Pass	<LOD	135
	365	25	Pass	16216	169	Pass	<LOD	115
	489	28	Pass	16366	171	Pass	<LOD	115
	413	27	Pass	16106	171	Pass	<LOD	116
Pass	579	31	Pass	19489	202	Pass	<LOD	130
	624	31	Pass	19398	199	Pass	<LOD	129
	600	31	Pass	18991	195	Pass	<LOD	128
	626	31	Pass	16601	174	Pass	<LOD	117
Pass	591	30	Pass	16679	175	Pass	<LOD	118
	587	30	Pass	15864	167	Pass	<LOD	114
Pass	400	26	Pass	14360	154	Pass	<LOD	110
Pass	401	26	Pass	14350	153	Pass	<LOD	107
	428	26	Pass	14153	152	Pass	<LOD	108
Pass	371	26	Pass	17883	183	Pass	<LOD	121
	472	27	Pass	16991	174	Pass	<LOD	117
	383	26	Pass	17491	179	Pass	<LOD	121
	540	26	Pass	9665	110	Pass	<LOD	87
	532	26	Pass	9885	110	Pass	<LOD	86
	554	26	Pass	10285	113	Pass	<LOD	87
Pass	578	32	Pass	24525	245	Pass	<LOD	146
	508	31	Pass	23959	241	Pass	<LOD	145
	525	31	Pass	23800	238	Pass	<LOD	142
	543	30	Pass	18339	192	Pass	<LOD	126
	509	30	Pass	18280	192	Pass	<LOD	127
Pass	580	31	Pass	18423	192	Pass	<LOD	125
Pass	609	30	Pass	13365	145	Pass	<LOD	104
Pass	647	30	Pass	13598	147	Pass	<LOD	104
	658	30	Pass	13708	147	Pass	<LOD	106
Pass	555	29	Pass	16904	177	Pass	<LOD	119
	581	30	Pass	16301	170	Pass	<LOD	116
	601	30	Pass	16413	170	Pass	<LOD	115
	428	24	Pass	9845	112	Pass	<LOD	87
	424	24	Pass	9649	110	Pass	<LOD	86
	510	26	Pass	10605	120	Pass	<LOD	90

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	31		108	9	Pass	312	9
	85	12	Pass	<LOD	21		93	5
	<LOD	41		2934	45	Pass	6996	81
	<LOD	33		28	7	Pass	662	13
	46	11	Pass	<LOD	22		687	14
	<LOD	33		33	7	Pass	654	13
	50	10	Pass	32	7	Pass	262	8
	<LOD	28		<LOD	19		179	7
	35	10	Pass	<LOD	20		194	7
	30	9	Pass	26	6	Pass	152	6
	32	9	Pass	<LOD	18		146	6
	<LOD	25		<LOD	19		146	6
	33	10	Pass	25	7	Pass	131	6
	34	9	Pass	<LOD	19		135	6
	30	9	Pass	<LOD	19		135	6
	<LOD	27		20	6	Pass	106	5
	<LOD	26		24	6	Pass	100	5
	28	9	Pass	22	6	Pass	97	5
	<LOD	26		<LOD	18		95	5
	27	9	Pass	33	6	Pass	101	5
	<LOD	25		21	6	Pass	87	5
	<LOD	26		<LOD	18		183	7
	<LOD	26		20	6	Pass	184	6
	<LOD	26		<LOD	18		174	6
	<LOD	22		<LOD	17		158	6
	<LOD	21		<LOD	17		164	6
	<LOD	21		21	6	Pass	167	6
	<LOD	29		21	7	Pass	387	10
	<LOD	30		31	7	Pass	398	10
	44	10	Pass	<LOD	20		393	10
	<LOD	27		<LOD	19		255	8
	<LOD	26		44	7	Pass	256	8
	<LOD	27		<LOD	18		241	8
	<LOD	25		21	6	Pass	110	5
	<LOD	24		<LOD	18		111	5
	<LOD	24		23	6	Pass	107	5
	<LOD	26		59	7	Pass	229	7
	<LOD	25		69	7	Pass	219	7
	<LOD	24		66	7	Pass	219	7
	<LOD	21		<LOD	17		48	4
	<LOD	22		<LOD	16		40	3
	<LOD	21		<LOD	17		52	4

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	101	9	Pass	<LOD	5		110	3
Pass	14	2	Pass	<LOD	3		93	2
Pass	693	24	Pass	<LOD	10		123	3
Pass	<LOD	26		<LOD	5		69	2
Pass	<LOD	26		<LOD	5		65	2
Pass	<LOD	26		<LOD	5		66	2
Pass	<LOD	16		<LOD	4		73	2
Pass	<LOD	14		<LOD	4		73	2
Pass	<LOD	16		<LOD	3		77	2
Pass	<LOD	13		<LOD	3		70	2
Pass	<LOD	13		<LOD	3		69	2
Pass	<LOD	13		<LOD	3		71	2
Pass	<LOD	9		<LOD	3		80	2
Pass	<LOD	10		<LOD	3		72	2
Pass	<LOD	10		<LOD	3		73	2
Pass	<LOD	9		<LOD	3		74	2
Pass	<LOD	9		<LOD	3		72	2
Pass	<LOD	8		<LOD	3		67	2
Pass	<LOD	9		<LOD	3		70	2
Pass	<LOD	9		<LOD	3		72	2
Pass	<LOD	9		<LOD	3		73	2
Pass	<LOD	16		<LOD	3		55	2
Pass	<LOD	15		<LOD	4		56	2
Pass	<LOD	15		<LOD	4		57	2
Pass	<LOD	10		<LOD	3		43	2
Pass	<LOD	10		<LOD	3		42	2
Pass	<LOD	10		<LOD	3		42	2
Pass	19	6	Pass	<LOD	4		53	2
Pass	<LOD	18		<LOD	4		58	2
Pass	<LOD	19		<LOD	4		56	2
Pass	<LOD	15		<LOD	4		53	2
Pass	<LOD	15		<LOD	4		52	2
Pass	<LOD	15		<LOD	3		54	2
Pass	<LOD	8		<LOD	3		58	2
Pass	<LOD	9		<LOD	3		61	2
Pass	<LOD	8		<LOD	3		60	2
Pass	14	4	Pass	<LOD	3		56	2
Pass	<LOD	12		<LOD	3		57	2
Pass	18	4	Pass	<LOD	3		58	2
Pass	<LOD	5		<LOD	2		45	2
Pass	<LOD	5		<LOD	2		46	2
Pass	<LOD	5		<LOD	2		48	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	248	4	Pass	257	5	Pass	<LOD	8
Pass	232	4	Pass	82	3	Pass	<LOD	7
Pass	327	6	Pass	47	4	Pass	17	3
Pass	91	3	Pass	325	5	Pass	<LOD	8
Pass	87	3	Pass	323	5	Pass	<LOD	8
Pass	90	2	Pass	336	5	Pass	<LOD	8
Pass	99	3	Pass	395	6	Pass	<LOD	8
Pass	76	2	Pass	406	6	Pass	<LOD	8
Pass	76	2	Pass	423	6	Pass	<LOD	8
Pass	81	2	Pass	483	6	Pass	<LOD	7
Pass	87	2	Pass	501	6	Pass	<LOD	8
Pass	89	2	Pass	506	6	Pass	<LOD	8
Pass	77	2	Pass	432	6	Pass	<LOD	8
Pass	71	2	Pass	397	5	Pass	<LOD	8
Pass	70	2	Pass	399	5	Pass	<LOD	8
Pass	74	2	Pass	469	6	Pass	<LOD	8
Pass	78	2	Pass	443	6	Pass	<LOD	8
Pass	73	2	Pass	465	6	Pass	<LOD	8
Pass	88	2	Pass	512	6	Pass	<LOD	8
Pass	81	2	Pass	505	6	Pass	<LOD	8
Pass	87	2	Pass	512	6	Pass	<LOD	8
Pass	94	2	Pass	295	5	Pass	9	2
Pass	94	2	Pass	293	5	Pass	8	2
Pass	98	2	Pass	302	5	Pass	9	2
Pass	107	2	Pass	166	3	Pass	15	2
Pass	111	2	Pass	165	3	Pass	14	2
Pass	109	2	Pass	163	3	Pass	14	2
Pass	61	2	Pass	291	5	Pass	<LOD	8
Pass	67	2	Pass	291	5	Pass	<LOD	8
Pass	67	2	Pass	283	5	Pass	<LOD	8
Pass	75	2	Pass	355	5	Pass	<LOD	8
Pass	73	2	Pass	344	5	Pass	8	3
Pass	75	2	Pass	356	5	Pass	<LOD	8
Pass	70	2	Pass	402	5	Pass	<LOD	7
Pass	70	2	Pass	415	5	Pass	9	2
Pass	71	2	Pass	402	5	Pass	<LOD	7
Pass	77	2	Pass	344	5	Pass	9	2
Pass	83	2	Pass	343	5	Pass	<LOD	7
Pass	79	2	Pass	334	5	Pass	<LOD	7
Pass	139	3	Pass	197	4	Pass	16	2
Pass	138	3	Pass	191	4	Pass	12	2
Pass	147	3	Pass	193	4	Pass	18	2

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		67	13	Pass	<LOD	63
	<LOD	29		<LOD	36		<LOD	57
Pass	<LOD	34		<LOD	42		<LOD	68
	<LOD	30		<LOD	37		<LOD	62
	<LOD	31		<LOD	38		<LOD	63
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	61
	<LOD	28		<LOD	35		<LOD	58
	<LOD	29		<LOD	36		<LOD	60
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	35		<LOD	58
Pass	<LOD	28		<LOD	34		<LOD	54
Pass	<LOD	28		<LOD	34		<LOD	55
Pass	<LOD	28		<LOD	34		<LOD	55
Pass	<LOD	27		<LOD	32		<LOD	51
Pass	<LOD	26		<LOD	32		<LOD	50
Pass	<LOD	26		<LOD	31		<LOD	49
	<LOD	29		<LOD	35		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	58
	<LOD	28		<LOD	35		<LOD	57
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	56
Pass	<LOD	28		<LOD	35		<LOD	57
	<LOD	28		<LOD	34		<LOD	57
	<LOD	28		<LOD	34		<LOD	57
Pass	<LOD	27		<LOD	32		<LOD	50
Pass	<LOD	27		<LOD	32		<LOD	51
Pass	<LOD	27		<LOD	32		<LOD	50

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	66		NA			874	194
	<LOD	59		NA			1256	198
	<LOD	71		NA			761	234
	<LOD	66		NA			4928	285
	<LOD	67		NA			4444	279
	<LOD	65		NA			4429	274
	<LOD	64		NA			3110	242
	<LOD	61		NA			1453	197
	<LOD	63		NA			1387	202
	<LOD	61		NA			1504	190
	<LOD	62		NA			1442	189
	<LOD	62		NA			1828	202
	<LOD	63		NA			1583	201
	<LOD	62		NA			1894	205
	<LOD	61		NA			1531	195
	<LOD	61		NA			854	180
	<LOD	61		NA			1293	189
	<LOD	61		NA			1280	188
	<LOD	61		NA			964	179
	<LOD	60		NA			928	177
	<LOD	60		NA			892	175
	<LOD	56		NA			1093	178
	<LOD	57		NA			1663	187
	<LOD	57		NA			1473	186
	<LOD	52		NA			929	149
	<LOD	51		NA			1114	152
	<LOD	51		NA			967	148
	<LOD	62		NA			2315	219
	<LOD	62		NA			2586	224
	<LOD	62		NA			2573	222
	<LOD	62		NA			2875	225
	<LOD	61		NA			2059	208
	<LOD	61		NA			2419	212
	<LOD	61		NA			1369	182
	<LOD	60		NA			1277	179
	<LOD	59		NA			1354	180
	<LOD	60		NA			1479	189
	<LOD	59		NA			1789	193
	<LOD	59		NA			1571	186
	<LOD	52		NA			407	133
	<LOD	53		NA			<LOD	377
	<LOD	52		NA			<LOD	387

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	20		<LOD	22		1177	18
Pass	<LOD	11		<LOD	8		19	3
Pass	64	15	Pass	<LOD	49		5584	64
Pass	<LOD	19		<LOD	21		1170	17
Pass	<LOD	19		<LOD	22		1149	17
Pass	<LOD	18		<LOD	21		1082	16
Pass	<LOD	14		<LOD	14		421	9
Pass	<LOD	12		14	4	Pass	322	8
Pass	<LOD	13		<LOD	14		412	9
Pass	<LOD	11		<LOD	12		283	7
Pass	<LOD	12		<LOD	12		294	7
Pass	<LOD	12		<LOD	12		307	8
Pass	<LOD	11		<LOD	10		123	5
Pass	<LOD	11		<LOD	11		151	6
Pass	<LOD	11		<LOD	10		130	5
Pass	<LOD	10		<LOD	10		99	5
Pass	<LOD	11		<LOD	9		105	5
Pass	<LOD	10		<LOD	10		106	5
Pass	<LOD	10		<LOD	10		109	5
Pass	<LOD	10		<LOD	10		111	5
Pass	<LOD	11		<LOD	10		112	5
Pass	<LOD	12		<LOD	13		436	9
Pass	<LOD	13		<LOD	13		437	9
Pass	<LOD	12		<LOD	14		433	9
Pass	<LOD	10		<LOD	9		175	5
Pass	<LOD	9		<LOD	10		173	5
Pass	<LOD	10		<LOD	10		179	5
Pass	<LOD	14		<LOD	16		613	11
Pass	<LOD	14		<LOD	15		592	11
Pass	<LOD	15		<LOD	16		619	11
Pass	<LOD	13		<LOD	14		386	9
Pass	<LOD	13		<LOD	14		398	9
Pass	<LOD	12		<LOD	13		387	9
Pass	<LOD	10		<LOD	9		100	5
Pass	<LOD	10		<LOD	9		105	5
Pass	<LOD	10		<LOD	9		107	5
Pass	<LOD	11		<LOD	11		241	7
Pass	<LOD	11		<LOD	11		256	7
Pass	<LOD	11		<LOD	11		238	7
Pass	<LOD	8		<LOD	7		10	3
	<LOD	8		<LOD	7		12	3
	<LOD	9		<LOD	8		18	3

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019822			224			46.99	
Pass							54.67	testing
Pass							56.36	testing
Pass							55.2	testing
Pass							53.12	testing
Pass							54.47	testing
Pass							53.47	testing
Pass							53.78	testing
Pass							53.94	testing
Pass							53.18	testing
Pass							52.92	testing
Pass							52.63	testing
Pass							52.43	testing
Pass							52.95	testing
Pass							52.76	testing
Pass							52.7	testing
Pass							52.44	testing
Pass							52.6	testing
Pass							52.69	testing
Pass							52.03	testing
Pass							51.72	testing
Pass							52.1	testing
Pass							54.23	testing
	0.019812			225			46.86	
Pass							53.43	testing
Pass							54.7	testing
Pass							54.01	testing
Pass							54.13	testing
Pass							54.99	testing
Pass							52.87	testing
Pass							53.22	testing
Pass							53.58	testing
Pass							52.89	testing
Pass							54.44	testing
Pass							53.39	testing
Pass							52.86	testing
Pass							52.95	testing
Pass							54	testing
Pass							53.35	testing
Pass							53.19	testing
Pass							53.38	testing
Pass							55.29	testing
Pass							55.29	testing
Pass							56.18	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
3-Sep-08	1			-0.01732			PASS	Standardiz
3-Sep-08	2				NIST2711	medium		Soil
3-Sep-08	3				NIST2709	low		Soil
3-Sep-08	4				NIST2710	high		Soil
3-Sep-08	5				5014	F1		Soil
3-Sep-08	6				5014	F1		Soil
3-Sep-08	7				5014	F1		Soil
3-Sep-08	8				5014	F2		Soil
3-Sep-08	9				5014	F2		Soil
3-Sep-08	10				5014	F2		Soil
3-Sep-08	11				5014	B1		Soil
3-Sep-08	12				5014	B1		Soil
3-Sep-08	13				5014	B1		Soil
3-Sep-08	14				5014	B2		Soil
3-Sep-08	15				5014	B2		Soil
3-Sep-08	16				5014	B2		Soil
3-Sep-08	17				5014	DZ		Soil
3-Sep-08	18				5014	DZ		Soil
3-Sep-08	19				5014	DZ		Soil
3-Sep-08	20				5014	DW		Soil
3-Sep-08	21				5014	DW		Soil
3-Sep-08	22				5014	DW		Soil
3-Sep-08	23				20171	F1		Soil
3-Sep-08	24				20171	F1		Soil
3-Sep-08	25				20171	F1		Soil
3-Sep-08	26				20171	F2		Soil
3-Sep-08	27				20171	F2		Soil
3-Sep-08	28				20171	F2		Soil
3-Sep-08	29				20171	B1		Soil
3-Sep-08	30				20171	B1		Soil
3-Sep-08	31				20171	B1		Soil
3-Sep-08	32				20171	B2		Soil
3-Sep-08	33				20171	B2		Soil
3-Sep-08	34				20171	B2		Soil
3-Sep-08	35				20171	DZ		Soil
3-Sep-08	36				20171	DZ		Soil
3-Sep-08	37				20171	DZ		Soil
3-Sep-08	38				20171	DW		Soil
3-Sep-08	39				20171	DW		Soil
3-Sep-08	40				20171	DW		Soil
3-Sep-08	41				20173	F1		Soil
3-Sep-08	42				20173	F1		Soil
3-Sep-08	43				20173	F1		Soil
3-Sep-08	44				20173	F2		Soil
3-Sep-08	45				20173	F2		Soil
3-Sep-08	46				20173	F2		Soil
3-Sep-08	47				20173	DZ		Soil
3-Sep-08	48				20173	DZ		Soil
3-Sep-08	49				20173	DZ		Soil
3-Sep-08	50				20173	DW		Soil

3-Sep-08	51		20173	DW		Soil
3-Sep-08	52		20173	DW		Soil
3-Sep-08	53	-0.016801			PASS	Standardiz
3-Sep-08	54		20014	F1		Soil
3-Sep-08	55		20014	F1		Soil
3-Sep-08	56		20014	F1		Soil
3-Sep-08	57		20014	F2		Soil
3-Sep-08	58		20014	F2		Soil
3-Sep-08	59		20014	F2		Soil
3-Sep-08	60		20014	B1		Soil
3-Sep-08	61		20014	B1		Soil
3-Sep-08	62		20014	B1		Soil
3-Sep-08	63		20014	B2		Soil
3-Sep-08	64		20014	B2		Soil
3-Sep-08	65		20014	B2		Soil
3-Sep-08	66		20014	DZ		Soil
3-Sep-08	67		20014	DZ		Soil
3-Sep-08	68		20014	DZ		Soil
3-Sep-08	69		20014	DW		Soil
3-Sep-08	70		20014	DW		Soil
3-Sep-08	71		20014	DW		Soil
3-Sep-08	72		20014	GZ		Soil
3-Sep-08	73		20014	GZ		Soil
3-Sep-08	74		20014	GZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
6:20:21								
6:21:47				<LOD		0	NA	
6:24:17				<LOD		0	NA	
6:26:31				<LOD		0	NA	
6:28:52	shot 1			<LOD		0	NA	
6:31:25	shot 2			<LOD		0	NA	
6:34:57	shot 3			<LOD		0	NA	
6:37:59	shot 1			<LOD		0	NA	
6:40:24	shot 2			<LOD		0	NA	
6:43:26	shot 3			<LOD		0	NA	
6:46:02	shot 1			<LOD		0	NA	
6:48:20	shot 2			<LOD		0	NA	
6:50:48	shot 3			<LOD		0	NA	
6:53:20	shot 1			<LOD		0	NA	
6:55:39	shot 2			<LOD		0	NA	
6:58:02	shot 3			<LOD		0	NA	
7:00:18	shot 1			<LOD		0	NA	
7:03:43	shot 2			<LOD		0	NA	
7:05:57	shot 3			<LOD		0	NA	
7:08:20	shot 1			<LOD		0	NA	
7:10:38	shot 2			<LOD		0	NA	
7:15:26	shot 3			<LOD		0	NA	
7:19:01	shot 1			<LOD		0	NA	
7:21:18	shot 2			<LOD		0	NA	
7:23:22	shot 3			<LOD		0	NA	
7:26:18	shot 1			<LOD		0	NA	
7:28:46	shot 2			<LOD		0	NA	
7:30:59	shot 3			<LOD		0	NA	
7:33:30	shot 1			<LOD		0	NA	
7:36:02	shot 2			<LOD		0	NA	
7:38:18	shot 3			<LOD		0	NA	
7:40:54	shot 1			<LOD		0	NA	
7:43:33	shot 2			<LOD		0	NA	
7:46:19	shot 3			<LOD		0	NA	
7:49:22	shot 1			<LOD		0	NA	
7:51:37	shot 2			<LOD		0	NA	
7:53:55	shot 3			<LOD		0	NA	
7:56:16	shot 1			<LOD		0	NA	
7:58:50	shot 2			<LOD		0	NA	
8:01:23	shot 3			<LOD		0	NA	
8:04:19	shot 1			<LOD		0	NA	
8:06:33	shot 2			<LOD		0	NA	
8:09:09	shot 3			<LOD		0	NA	
8:11:42	shot 1			<LOD		0	NA	
8:14:21	shot 2			<LOD		0	NA	
8:16:56	shot 3			<LOD		0	NA	
8:19:20	shot 1			<LOD		0	NA	
8:24:21	shot 2			<LOD		0	NA	
8:26:37	shot 3			<LOD		0	NA	
8:29:16	shot 1			<LOD		0	NA	

8:31:59	shot 2	<LOD	0	NA
8:34:21	shot 3	<LOD	0	NA
12:27:38				
12:29:01	shot 1	<LOD	0	NA
12:31:30	shot 2	<LOD	0	NA
12:34:00	shot 3	<LOD	0	NA
12:36:14	shot 1	<LOD	0	NA
12:38:30	shot 2	<LOD	0	NA
12:40:39	shot 3	<LOD	0	NA
12:43:08	shot 1	<LOD	0	NA
12:45:19	shot 2	<LOD	0	NA
12:47:35	shot 3	<LOD	0	NA
12:49:49	shot 1	<LOD	0	NA
12:52:10	shot 2	<LOD	0	NA
12:54:24	shot 3	<LOD	0	NA
12:56:43	shot 1	<LOD	0	NA
12:58:54	shot 2	<LOD	0	NA
13:01:10	shot 3	<LOD	0	NA
13:03:35	shot 1	<LOD	0	NA
13:08:56	shot 2	<LOD	0	NA
13:11:44	shot 3	<LOD	0	NA
13:14:37	shot 1	<LOD	0	NA
13:16:55	shot 2	<LOD	0	NA
13:19:21	shot 3	<LOD	0	NA

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
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NA	NA	NA
NA	NA	NA
NA	NA	NA

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3427	308	Pass	<LOD	97
	NA			3332	315	Pass	142	35
	NA			3214	385	Pass	<LOD	130
	NA			<LOD	6845		1021	184
	NA			<LOD	6642		847	179
	NA			<LOD	5797		680	156
	NA			<LOD	4284		610	117
	NA			<LOD	4453		<LOD	354
	NA			<LOD	4165		480	114
	NA			3491	611	Pass	190	53
	NA			<LOD	2159		275	63
	NA			2218	609	Pass	173	53
	NA			<LOD	2731		498	80
	NA			<LOD	2627		536	77
	NA			<LOD	2732		442	80
	NA			3932	397	Pass	196	39
	NA			3733	394	Pass	154	38
	NA			3567	391	Pass	118	37
	NA			<LOD	2745		384	79
	NA			<LOD	2858		261	80
	NA			<LOD	2867		590	84
	NA			4200	595	Pass	190	51
	NA			3871	599	Pass	275	54
	NA			3633	571	Pass	243	51
	NA			4402	352	Pass	<LOD	97
	NA			3962	350	Pass	<LOD	99
	NA			4882	360	Pass	134	34
	NA			4006	507	Pass	228	47
	NA			4628	472	Pass	210	43
	NA			4387	513	Pass	221	47
	NA			<LOD	3314		415	93
	NA			<LOD	3479		547	98
	NA			<LOD	3159		468	90
	NA			4537	604	Pass	227	53
	NA			2864	606	Pass	175	53
	NA			3835	587	Pass	358	55
	NA			<LOD	2608		358	75
	NA			<LOD	2472		388	72
	NA			<LOD	2599		415	76
	NA			4326	481	Pass	188	44
	NA			4128	482	Pass	235	45
	NA			3445	464	Pass	145	42
	NA			2470	557	Pass	306	52
	NA			2834	563	Pass	294	52
	NA			3281	588	Pass	200	51
	NA			2621	698	Pass	331	64
	NA			3123	681	Pass	352	62
	NA			2785	679	Pass	220	60
	NA			<LOD	3145		533	91

NA	<LOD	3251			419	92
NA	<LOD	3064			515	88
NA	3351	287	Pass	<LOD		85
NA	3306	284	Pass	<LOD		81
NA	4110	303	Pass	<LOD		84
NA	4004	310	Pass		92	30
NA	4032	300	Pass	<LOD		83
NA	4385	325	Pass	<LOD		91
NA	1670	304	Pass	<LOD		96
NA	1891	301	Pass	<LOD		95
NA	1903	303	Pass	<LOD		92
NA	4414	301	Pass	<LOD		85
NA	4142	292	Pass	<LOD		84
NA	3975	288	Pass	<LOD		84
NA	4535	302	Pass	<LOD		82
NA	4565	293	Pass	<LOD		78
NA	4156	300	Pass		113	30
NA	<LOD	2603			353	74
NA	<LOD	2581			342	72
NA	<LOD	2589			375	74
NA	4299	290	Pass	<LOD		78
NA	3682	288	Pass		87	28
NA	3782	292	Pass	<LOD		82

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
	496	31	Pass	25064	260	Pass	<LOD	152
Pass	393	30	Pass	32345	317	Pass	<LOD	169
	10173	157	Pass	38666	426	Pass	<LOD	207
Pass	1212	90	Pass	37158	509	Pass	<LOD	245
Pass	1344	90	Pass	40201	544	Pass	<LOD	255
Pass	1317	83	Pass	39026	523	Pass	<LOD	252
Pass	1249	69	Pass	35116	438	Pass	<LOD	217
	1094	67	Pass	34135	425	Pass	<LOD	217
Pass	1200	67	Pass	34711	431	Pass	<LOD	216
Pass	1171	46	Pass	23135	251	Pass	<LOD	150
Pass	1295	51	Pass	25767	285	Pass	<LOD	166
Pass	1156	46	Pass	23106	247	Pass	<LOD	148
Pass	1288	56	Pass	28484	326	Pass	<LOD	179
Pass	1280	55	Pass	28751	324	Pass	<LOD	178
Pass	1246	56	Pass	29378	339	Pass	<LOD	184
Pass	1346	45	Pass	23170	237	Pass	<LOD	145
Pass	1314	44	Pass	23623	242	Pass	<LOD	144
Pass	1298	44	Pass	23981	242	Pass	<LOD	144
Pass	778	48	Pass	27003	313	Pass	<LOD	175
Pass	747	48	Pass	26337	308	Pass	<LOD	173
Pass	747	49	Pass	26011	306	Pass	<LOD	174
Pass	718	39	Pass	22680	248	Pass	<LOD	150
Pass	881	42	Pass	22727	252	Pass	<LOD	152
Pass	831	41	Pass	22674	247	Pass	<LOD	149
	834	35	Pass	19446	197	Pass	<LOD	127
	768	34	Pass	18804	196	Pass	<LOD	126
Pass	832	36	Pass	19660	203	Pass	<LOD	129
Pass	1073	44	Pass	22879	249	Pass	<LOD	151
Pass	984	41	Pass	20837	224	Pass	<LOD	141
Pass	1128	46	Pass	24793	270	Pass	<LOD	160
Pass	1230	61	Pass	40140	463	Pass	<LOD	223
Pass	1225	63	Pass	41763	491	Pass	<LOD	231
Pass	1206	60	Pass	37061	430	Pass	<LOD	216
Pass	860	43	Pass	26538	289	Pass	<LOD	164
Pass	807	42	Pass	24806	277	Pass	<LOD	164
Pass	731	40	Pass	25971	282	Pass	<LOD	161
Pass	906	49	Pass	24235	282	Pass	<LOD	165
Pass	913	48	Pass	23093	268	Pass	<LOD	159
Pass	960	50	Pass	26013	302	Pass	<LOD	172
Pass	665	36	Pass	21227	229	Pass	<LOD	142
Pass	652	36	Pass	20788	224	Pass	<LOD	140
Pass	719	36	Pass	21072	226	Pass	<LOD	141
Pass	841	40	Pass	22934	244	Pass	<LOD	147
Pass	909	42	Pass	23024	249	Pass	<LOD	149
Pass	943	43	Pass	23408	254	Pass	<LOD	153
Pass	1142	51	Pass	34580	382	Pass	<LOD	197
Pass	1071	50	Pass	31554	352	Pass	<LOD	187
Pass	1165	51	Pass	33488	371	Pass	<LOD	191
Pass	1257	60	Pass	34844	398	Pass	<LOD	204

Pass	1189	60	Pass	35907	416	Pass	<LOD		209
Pass	1255	59	Pass	36128	412	Pass	<LOD		208
	1017	37	Pass	12968	144	Pass	<LOD		106
	971	35	Pass	12732	140	Pass	<LOD		102
	981	36	Pass	12925	145	Pass	<LOD		106
Pass	487	28	Pass	16325	171	Pass	<LOD		117
	536	29	Pass	16194	170	Pass	<LOD		116
	597	30	Pass	17777	184	Pass	<LOD		122
	2651	63	Pass	6244	95	Pass	<LOD		83
	2702	65	Pass	6199	96	Pass	<LOD		81
	2687	65	Pass	6035	94	Pass	<LOD		81
	346	25	Pass	21003	207	Pass	<LOD		130
	368	26	Pass	21249	207	Pass	<LOD		129
	377	26	Pass	21491	208	Pass	<LOD		129
	645	30	Pass	15228	160	Pass	<LOD		111
	675	30	Pass	15062	157	Pass	<LOD		110
Pass	746	32	Pass	15220	162	Pass	<LOD		113
Pass	584	42	Pass	12667	164	Pass	<LOD		119
Pass	636	42	Pass	12630	161	Pass	<LOD		117
Pass	656	43	Pass	13184	168	Pass	<LOD		119
	450	26	Pass	13559	145	Pass		109	36
Pass	429	26	Pass	13275	144	Pass	<LOD		104
	431	26	Pass	13346	145	Pass	<LOD		107

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	<LOD	30		90	8	Pass	314	9
	61	11	Pass	32	7	Pass	102	5
	<LOD	40		3088	46	Pass	7057	81
	52	17	Pass	64	12	Pass	637	18
	72	17	Pass	57	12	Pass	616	18
	<LOD	49		76	12	Pass	641	18
	68	15	Pass	52	10	Pass	517	15
	67	15	Pass	53	10	Pass	542	15
	88	15	Pass	57	10	Pass	508	15
	35	11	Pass	31	8	Pass	471	12
	38	12	Pass	40	8	Pass	513	13
	50	11	Pass	42	8	Pass	446	11
	80	13	Pass	64	9	Pass	540	14
	60	13	Pass	43	9	Pass	540	13
	42	12	Pass	60	9	Pass	551	14
	51	11	Pass	26	7	Pass	297	9
	39	10	Pass	31	7	Pass	296	9
	58	10	Pass	<LOD	20		314	9
	<LOD	35		34	8	Pass	462	13
	77	13	Pass	27	8	Pass	437	12
	48	12	Pass	33	9	Pass	443	12
	53	11	Pass	47	8	Pass	351	10
	45	11	Pass	25	8	Pass	370	10
	43	11	Pass	24	7	Pass	354	10
	<LOD	28		23	7	Pass	178	7
	<LOD	27		21	7	Pass	178	7
	<LOD	28		28	7	Pass	181	7
	41	11	Pass	33	8	Pass	394	11
	<LOD	30		35	7	Pass	371	10
	46	11	Pass	45	8	Pass	433	11
	77	15	Pass	51	10	Pass	418	13
	98	16	Pass	46	10	Pass	439	13
	42	14	Pass	70	10	Pass	418	12
	59	12	Pass	33	8	Pass	526	13
	39	12	Pass	26	8	Pass	493	12
	46	11	Pass	36	8	Pass	528	13
	49	12	Pass	59	9	Pass	492	13
	52	12	Pass	28	8	Pass	494	13
	37	12	Pass	49	9	Pass	502	13
	33	10	Pass	<LOD	21		338	10
	33	10	Pass	42	8	Pass	331	9
	<LOD	30		<LOD	21		315	9
	42	11	Pass	32	7	Pass	429	11
	38	11	Pass	28	7	Pass	414	11
	35	11	Pass	27	8	Pass	446	11
	39	13	Pass	43	9	Pass	591	14
	55	13	Pass	44	9	Pass	567	14
	49	13	Pass	38	9	Pass	547	14
	47	13	Pass	36	9	Pass	664	16

		65	14	Pass		31	9	Pass	682	16
		54	14	Pass		49	9	Pass	727	16
	<LOD		26			23	6	Pass	87	5
	<LOD		23		<LOD		18		78	5
	<LOD		26			25	6	Pass	87	5
	<LOD		26		<LOD		19		146	6
	<LOD		26			34	7	Pass	153	6
	<LOD		27			25	6	Pass	145	6
		28	9	Pass		53	8	Pass	199	8
		35	9	Pass		36	7	Pass	202	8
		29	9	Pass		52	8	Pass	209	8
		30	9	Pass	<LOD		18		78	5
	<LOD		27		<LOD		18		79	5
		29	9	Pass	<LOD		18		90	5
	<LOD		26			27	6	Pass	204	7
	<LOD		25			20	6	Pass	186	6
	<LOD		25		<LOD		19		199	7
		51	11	Pass		38	8	Pass	159	7
		44	10	Pass		63	8	Pass	158	7
	<LOD		30			62	8	Pass	172	7
Pass	<LOD		26			22	6	Pass	144	6
		43	9	Pass	<LOD		19		140	6
	<LOD		26			23	6	Pass	146	6

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	99	9	Pass	<LOD	5		115	3
Pass	13	2	Pass	<LOD	3		91	2
Pass	738	24	Pass	<LOD	10		128	4
Pass	71	12	Pass	<LOD	8		19	3
Pass	85	12	Pass	<LOD	8		26	3
Pass	100	12	Pass	<LOD	8		30	3
Pass	65	10	Pass	<LOD	6		44	3
Pass	83	10	Pass	<LOD	6		44	3
Pass	61	10	Pass	<LOD	6		41	3
Pass	38	6	Pass	<LOD	4		67	2
Pass	<LOD	20		<LOD	5		62	2
Pass	32	6	Pass	<LOD	4		64	2
Pass	42	7	Pass	<LOD	5		52	2
Pass	39	7	Pass	<LOD	5		54	2
Pass	46	7	Pass	<LOD	5		54	2
Pass	26	7	Pass	<LOD	4		71	2
Pass	<LOD	20		<LOD	4		66	2
Pass	19	6	Pass	<LOD	4		70	2
Pass	<LOD	19		<LOD	5		30	2
Pass	30	7	Pass	<LOD	4		36	2
Pass	20	6	Pass	<LOD	5		33	2
Pass	31	7	Pass	5	2	Pass	59	2
Pass	21	7	Pass	<LOD	4		59	2
Pass	36	7	Pass	<LOD	5		57	2
Pass	<LOD	18		<LOD	4		66	2
Pass	19	6	Pass	<LOD	4		67	2
Pass	<LOD	19		<LOD	4		68	2
Pass	<LOD	19		<LOD	4		60	2
Pass	18	6	Pass	<LOD	4		57	2
Pass	25	7	Pass	<LOD	4		60	2
Pass	67	10	Pass	<LOD	6		61	3
Pass	57	10	Pass	<LOD	6		56	3
Pass	67	10	Pass	7	2	Pass	57	3
Pass	<LOD	21		<LOD	5		63	2
Pass	<LOD	22		<LOD	5		67	2
Pass	36	7	Pass	<LOD	5		63	2
Pass	32	8	Pass	<LOD	5		43	2
Pass	36	8	Pass	<LOD	5		45	2
Pass	<LOD	24		<LOD	5		37	2
Pass	<LOD	23		<LOD	5		64	2
Pass	26	8	Pass	<LOD	4		64	2
Pass	<LOD	22		<LOD	4		67	2
Pass	33	8	Pass	<LOD	4		54	2
Pass	<LOD	24		<LOD	5		51	2
Pass	32	8	Pass	<LOD	5		49	2
Pass	54	10	Pass	<LOD	6		55	2
Pass	30	10	Pass	<LOD	5		57	2
Pass	<LOD	29		<LOD	5		60	2
Pass	44	10	Pass	<LOD	6		32	2

Pass		60	10	Pass	<LOD		6		29	2	
Pass		54	10	Pass	<LOD		6		33	2	
Pass	<LOD		7		<LOD		3		57	2	
Pass	<LOD		7		<LOD		3		52	2	
Pass	<LOD		8		<LOD		3		58	2	
Pass	<LOD		11		<LOD		3		53	2	
Pass	<LOD		11		<LOD		3		60	2	
Pass	<LOD		11		<LOD		3		56	2	
Pass		13	3	Pass	<LOD		3		24	2	
Pass		19	3	Pass	<LOD		3		26	2	
Pass		14	3	Pass	<LOD		4		27	2	
Pass	<LOD		11		<LOD		3		60	2	
Pass		14	4	Pass	<LOD		3		60	2	
Pass		16	4	Pass	<LOD		3		59	2	
Pass	<LOD		10		<LOD		3		59	2	
Pass		11	3	Pass	<LOD		3		59	2	
Pass	<LOD		10		<LOD		3		59	2	
Pass	<LOD		15		<LOD		4		22	2	
Pass		17	5	Pass	<LOD		4		25	2	
Pass	<LOD		15			7	2	Pass	26	2	
Pass	<LOD		11		<LOD		3		59	2	
Pass	<LOD		12		<LOD		3		59	2	
Pass	<LOD		11		<LOD		3		57	2	

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	245	4	Pass	258	5	Pass	<LOD	8
Pass	230	4	Pass	96	4	Pass	<LOD	7
Pass	333	6	Pass	50	4	Pass	18	3
Pass	1345	19	Pass	67	6	Pass	<LOD	11
Pass	1341	19	Pass	55	6	Pass	<LOD	11
Pass	1174	17	Pass	57	6	Pass	<LOD	11
Pass	858	12	Pass	132	6	Pass	<LOD	10
Pass	881	12	Pass	167	6	Pass	<LOD	10
Pass	814	12	Pass	138	6	Pass	<LOD	10
Pass	290	5	Pass	371	6	Pass	12	3
Pass	339	5	Pass	323	6	Pass	9	3
Pass	303	5	Pass	387	6	Pass	<LOD	8
Pass	491	7	Pass	288	6	Pass	9	3
Pass	466	7	Pass	276	6	Pass	<LOD	9
Pass	493	7	Pass	274	6	Pass	<LOD	9
Pass	120	3	Pass	433	6	Pass	<LOD	8
Pass	120	3	Pass	441	6	Pass	<LOD	8
Pass	118	3	Pass	450	6	Pass	9	3
Pass	469	7	Pass	110	4	Pass	<LOD	9
Pass	479	7	Pass	112	4	Pass	<LOD	9
Pass	486	7	Pass	122	5	Pass	<LOD	9
Pass	298	5	Pass	431	6	Pass	<LOD	8
Pass	298	5	Pass	420	6	Pass	<LOD	8
Pass	297	5	Pass	425	6	Pass	<LOD	8
Pass	104	2	Pass	573	7	Pass	<LOD	8
Pass	108	3	Pass	553	7	Pass	<LOD	8
Pass	104	3	Pass	591	7	Pass	10	3
Pass	247	4	Pass	486	7	Pass	10	3
Pass	214	4	Pass	504	7	Pass	<LOD	8
Pass	278	5	Pass	434	7	Pass	<LOD	8
Pass	640	9	Pass	269	6	Pass	<LOD	9
Pass	651	10	Pass	237	6	Pass	11	3
Pass	620	9	Pass	312	7	Pass	<LOD	9
Pass	292	5	Pass	500	7	Pass	9	3
Pass	276	5	Pass	462	7	Pass	9	3
Pass	284	5	Pass	465	7	Pass	<LOD	9
Pass	416	6	Pass	191	5	Pass	<LOD	9
Pass	406	6	Pass	205	5	Pass	<LOD	9
Pass	425	7	Pass	164	5	Pass	<LOD	9
Pass	225	4	Pass	429	6	Pass	<LOD	8
Pass	216	4	Pass	482	7	Pass	<LOD	8
Pass	213	4	Pass	450	6	Pass	<LOD	8
Pass	271	4	Pass	324	5	Pass	<LOD	8
Pass	270	4	Pass	332	6	Pass	<LOD	8
Pass	283	5	Pass	312	5	Pass	11	3
Pass	385	6	Pass	320	6	Pass	9	3
Pass	368	6	Pass	341	6	Pass	<LOD	9
Pass	371	6	Pass	324	6	Pass	<LOD	9
Pass	568	8	Pass	130	5	Pass	<LOD	9

Pass	584	9	Pass	70	5	Pass	<LOD		9
Pass	544	8	Pass	111	5	Pass	<LOD		9
Pass	226	4	Pass	504	6	Pass		11	3
Pass	206	3	Pass	478	6	Pass	<LOD		7
Pass	237	4	Pass	526	7	Pass		9	3
Pass	108	3	Pass	515	6	Pass		14	3
Pass	101	2	Pass	492	6	Pass		9	3
Pass	107	2	Pass	486	6	Pass		8	3
Pass	872	10	Pass	211	5	Pass	<LOD		8
Pass	862	10	Pass	193	5	Pass	<LOD		8
Pass	859	10	Pass	197	5	Pass	<LOD		8
Pass	80	2	Pass	434	6	Pass	<LOD		7
Pass	76	2	Pass	426	6	Pass	<LOD		7
Pass	83	2	Pass	448	6	Pass	<LOD		7
Pass	92	2	Pass	559	7	Pass	<LOD		8
Pass	93	2	Pass	589	7	Pass	<LOD		8
Pass	94	2	Pass	553	7	Pass	<LOD		8
Pass	482	7	Pass	300	6	Pass		10	3
Pass	498	7	Pass	276	5	Pass		10	3
Pass	496	7	Pass	286	6	Pass		12	3
Pass	87	2	Pass	503	6	Pass		8	2
Pass	90	2	Pass	509	6	Pass	<LOD		8
Pass	89	2	Pass	518	6	Pass		12	3

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		57	13	Pass	<LOD	61
	<LOD	29		<LOD	36		<LOD	58
Pass	37	11	Pass	52	14	Pass	<LOD	67
	<LOD	42		<LOD	50		88	28
	<LOD	42		<LOD	51		105	28
	<LOD	42		<LOD	50		138	28
	<LOD	38		<LOD	46		<LOD	76
	<LOD	38		<LOD	46		<LOD	77
	<LOD	38		<LOD	46		126	25
Pass	<LOD	31		<LOD	39		<LOD	63
Pass	<LOD	32		<LOD	40		76	22
	<LOD	31		<LOD	38		<LOD	63
Pass	<LOD	34		<LOD	42		104	23
	<LOD	33		<LOD	41		88	23
	<LOD	35		<LOD	42		<LOD	71
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
	<LOD	34		<LOD	42		<LOD	70
	<LOD	34		<LOD	42		90	24
	<LOD	35		<LOD	43		<LOD	71
	<LOD	31		<LOD	39		<LOD	64
	<LOD	32		<LOD	39		83	22
	<LOD	31		<LOD	38		<LOD	64
	<LOD	28		<LOD	35		<LOD	57
	<LOD	29		<LOD	35		<LOD	59
Pass	<LOD	29		<LOD	36		<LOD	59
Pass	<LOD	31		<LOD	39		<LOD	64
	<LOD	30		<LOD	37		<LOD	62
	<LOD	32		<LOD	39		<LOD	64
	<LOD	36		<LOD	44		<LOD	73
Pass	<LOD	36		<LOD	44		<LOD	74
	<LOD	36		<LOD	44		94	24
Pass	<LOD	32		<LOD	40		<LOD	67
Pass	<LOD	33		<LOD	40		<LOD	67
	<LOD	32		<LOD	39		<LOD	65
	<LOD	34		<LOD	41		98	23
	<LOD	33		<LOD	41		<LOD	67
	<LOD	34		<LOD	41		74	23
	<LOD	31		<LOD	38		<LOD	63
	<LOD	30		<LOD	38		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
	<LOD	30		<LOD	37		<LOD	62
	<LOD	31		<LOD	38		<LOD	64
Pass	<LOD	31		<LOD	38		<LOD	64
Pass	<LOD	34		42	14	Pass	84	23
	<LOD	34		<LOD	42		<LOD	69
	<LOD	34		<LOD	41		<LOD	69
	<LOD	35		<LOD	43		<LOD	71

	<LOD	35	<LOD		43		<LOD		72	
	<LOD	35	<LOD		43			82	24	
Pass	<LOD	28	<LOD		35		<LOD		59	
	<LOD	28	<LOD		34		<LOD		57	
Pass	<LOD	29	<LOD		36		<LOD		59	
Pass	<LOD	28	<LOD		35		<LOD		58	
Pass	<LOD	28	<LOD		35		<LOD		57	
Pass	<LOD	28	<LOD		35		<LOD		58	
	<LOD	31	<LOD		38		<LOD		64	
	<LOD	31	<LOD		39		<LOD		63	
	<LOD	32	<LOD		39		<LOD		64	
	<LOD	28	<LOD		34		<LOD		55	
	<LOD	27	<LOD		34		<LOD		55	
	<LOD	27	<LOD		34		<LOD		55	
	<LOD	28	<LOD		34		<LOD		56	
	<LOD	28	<LOD		34		<LOD		57	
	<LOD	28	<LOD		35		<LOD		58	
Pass	<LOD	33	<LOD		41		<LOD		68	
Pass	<LOD	33	<LOD		40		<LOD		67	
Pass	<LOD	33	<LOD		41		<LOD		68	
Pass	<LOD	28	<LOD		34		<LOD		57	
	<LOD	28	<LOD		35		<LOD		57	
Pass	<LOD	28		35	12	Pass	<LOD		58	

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	65		NA			598	186
	<LOD	61		NA			969	195
	<LOD	71		NA			959	242
Pass	<LOD	86		NA			180644	2841
Pass	<LOD	88		NA			173446	2740
Pass	<LOD	86		NA			131274	2186
	<LOD	80		NA			79780	1416
	<LOD	80		NA			89993	1528
Pass	<LOD	80		NA			77823	1382
	<LOD	67		NA			16775	477
Pass	<LOD	69		NA			24410	595
	<LOD	66		NA			18219	487
Pass	<LOD	73		NA			38767	804
Pass	<LOD	72		NA			35317	754
	<LOD	75		NA			38158	806
	<LOD	63		NA			4723	272
	<LOD	64		NA			4668	270
	<LOD	63		NA			4850	270
	<LOD	73		NA			39547	815
Pass	<LOD	75		NA			43463	864
	<LOD	75		NA			41829	852
	<LOD	68		NA			14920	455
Pass	<LOD	68		NA			14867	459
	<LOD	67		NA			13842	436
	<LOD	60		NA			2937	227
	<LOD	62		NA			2923	229
	<LOD	62		NA			2614	227
	<LOD	67		NA			9463	370
	<LOD	65		NA			7786	335
	<LOD	67		NA			9004	371
	<LOD	76		NA			52198	1013
	<LOD	76		NA			54352	1064
Pass	<LOD	76		NA			47314	950
	<LOD	70		NA			14248	457
	<LOD	70		NA			15188	472
	<LOD	68		NA			13857	447
Pass	<LOD	72		NA			36074	764
	<LOD	71		NA			31984	706
Pass	<LOD	72		NA			34530	752
	<LOD	66		NA			8296	345
	<LOD	66		NA			8690	349
	<LOD	66		NA			8203	338
	<LOD	66		NA			14565	434
	<LOD	67		NA			14050	436
	<LOD	67		NA			15205	455
Pass	<LOD	72		NA			19754	558
	<LOD	73		NA			18356	538
	<LOD	72		NA			18445	538
	<LOD	74		NA			51423	974

	<LOD	76	NA	53226	1011
Pass	<LOD	74	NA	46459	921
	<LOD	62	NA	1128	178
	<LOD	60	NA	1190	176
	<LOD	62	NA	1025	181
	<LOD	61	NA	1489	191
	<LOD	60	NA	1093	181
	<LOD	61	NA	1787	202
	<LOD	67	NA	2281	211
	<LOD	67	NA	1919	204
	<LOD	67	NA	1955	205
	<LOD	58	NA	809	178
	<LOD	57	NA	726	173
	<LOD	57	NA	683	171
	<LOD	60	NA	985	179
	<LOD	60	NA	639	169
	<LOD	61	NA	968	180
	<LOD	71	NA	38599	774
	<LOD	70	NA	37697	756
	<LOD	71	NA	38954	773
	<LOD	60	NA	752	170
	<LOD	60	NA	1082	176
	<LOD	61	NA	1136	178

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	19		24	7	Pass	1164	17
Pass	<LOD	10		<LOD	9		20	3
Pass	<LOD	45		54	17	Pass	5712	65
Pass	<LOD	26		<LOD	29		957	21
Pass	<LOD	27		<LOD	29		980	22
Pass	<LOD	27		<LOD	28		1045	22
Pass	<LOD	23		<LOD	24		798	17
Pass	<LOD	23		<LOD	24		795	17
Pass	<LOD	23		<LOD	24		826	17
Pass	<LOD	16		<LOD	16		486	11
Pass	<LOD	17		<LOD	17		565	12
Pass	<LOD	15		<LOD	16		500	11
Pass	<LOD	18		<LOD	19		534	12
Pass	<LOD	18		21	6	Pass	544	12
Pass	<LOD	20		<LOD	19		533	12
Pass	<LOD	15		<LOD	16		630	12
Pass	<LOD	15		20	6	Pass	632	12
Pass	<LOD	15		<LOD	16		633	12
Pass	<LOD	17		<LOD	17		446	11
Pass	<LOD	18		<LOD	17		445	11
Pass	<LOD	17		<LOD	17		434	11
Pass	<LOD	17		<LOD	17		587	12
Pass	<LOD	17		<LOD	18		652	13
Pass	<LOD	16		<LOD	17		617	12
Pass	<LOD	14		<LOD	16		600	11
Pass	<LOD	14		<LOD	15		584	11
Pass	<LOD	14		<LOD	16		603	11
Pass	<LOD	15		<LOD	16		512	11
Pass	<LOD	14		<LOD	15		463	10
Pass	<LOD	16		<LOD	17		572	12
Pass	<LOD	22		<LOD	24		983	18
Pass	<LOD	23		<LOD	25		1039	19
Pass	<LOD	22		<LOD	24		954	18
Pass	<LOD	17		19	6	Pass	636	13
Pass	<LOD	17		<LOD	19		676	13
Pass	<LOD	17		<LOD	18		651	13
Pass	<LOD	18		<LOD	20		782	15
Pass	<LOD	18		21	7	Pass	728	14
Pass	<LOD	19		<LOD	21		765	15
Pass	<LOD	17		<LOD	19		823	14
Pass	<LOD	17		<LOD	19		807	14
Pass	<LOD	17		<LOD	19		810	14
Pass	<LOD	17		<LOD	19		842	14
Pass	<LOD	17		<LOD	19		884	15
Pass	<LOD	19		<LOD	19		862	15
Pass	<LOD	21		<LOD	24		1179	19
Pass	<LOD	21		<LOD	24		1119	19
Pass	<LOD	20		<LOD	23		1155	19
Pass	<LOD	21		<LOD	24		1013	18

Pass	<LOD	22	<LOD	24		1023	19
Pass	<LOD	22	<LOD	24		1061	19
Pass	<LOD	10	<LOD	9		67	4
Pass	<LOD	10	<LOD	9		63	4
Pass	<LOD	11	<LOD	10		69	4
Pass	<LOD	11	<LOD	11		182	6
Pass	<LOD	11	<LOD	11		188	6
Pass	<LOD	11	<LOD	11		209	6
Pass	<LOD	12	<LOD	11		81	5
Pass	<LOD	12	<LOD	11		73	5
Pass	<LOD	12	<LOD	10		82	5
Pass	<LOD	10	<LOD	11		203	6
Pass	<LOD	10	<LOD	11		211	6
Pass	<LOD	11	<LOD	11		204	6
Pass	<LOD	11	<LOD	10		140	5
Pass	<LOD	10	<LOD	10		132	5
Pass	<LOD	11	<LOD	10		144	5
Pass	<LOD	14	<LOD	14		253	8
Pass	<LOD	15	<LOD	14		259	8
Pass	<LOD	14	<LOD	14		280	8
Pass	<LOD	11	11	4	Pass	222	6
Pass	<LOD	11	<LOD	11		230	7
Pass	<LOD	12	<LOD	11		224	6

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019816			226			47.42	
Pass							54.69	testing
Pass							56.78	testing
Pass							55.28	testing
Pass							59.57	testing
Pass							60.41	testing
Pass							59.12	testing
Pass							58.43	testing
Pass							57.87	testing
Pass							58.12	testing
Pass							54.41	testing
Pass							55.06	testing
Pass							53.92	testing
Pass							55.42	testing
Pass							55.51	testing
Pass							55.89	testing
Pass							52.76	testing
Pass							52.96	testing
Pass							53.75	testing
Pass							55.9	testing
Pass							55.97	testing
Pass							56.33	testing
Pass							54.21	testing
Pass							54.25	testing
Pass							54.21	testing
Pass							51.79	testing
Pass							52.48	testing
Pass							52.37	testing
Pass							54.05	testing
Pass							53.44	testing
Pass							54.4	testing
Pass							56.79	testing
Pass							57.26	testing
Pass							56.52	testing
Pass							54.13	testing
Pass							55.18	testing
Pass							54.48	testing
Pass							55.6	testing
Pass							55.87	testing
Pass							55.91	testing
Pass							53.52	testing
Pass							53.46	testing
Pass							54.84	testing
Pass							54.91	testing
Pass							54.6	testing
Pass							54.65	testing
Pass							56.22	testing
Pass							56.19	testing
Pass							56.12	testing
Pass							56.94	testing

Pass			57.1	testing
Pass			56.81	testing
	0.019815	222	47.11	
Pass			52.78	testing
Pass			52.68	testing
Pass			53.03	testing
Pass			53.69	testing
Pass			52.88	testing
Pass			52.89	testing
Pass			56.18	testing
Pass			56.03	testing
Pass			56.07	testing
Pass			53.01	testing
Pass			52.85	testing
Pass			52.87	testing
Pass			51.84	testing
Pass			52.75	testing
Pass			52.02	testing
Pass			55.44	testing
Pass			55.21	testing
Pass			55.15	testing
Pass			52.83	testing
Pass			51.69	testing
Pass			51.9	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
4-Sep-08	1			-0.018412			PASS	Standardiz
4-Sep-08	2				NIST2709	low		Soil
4-Sep-08	3				NIST2711	medium		Soil
4-Sep-08	4				NIST2710	high		Soil
4-Sep-08	5				20187	F1		Soil
4-Sep-08	6				20187	F1		Soil
4-Sep-08	7				20187	F1		Soil
4-Sep-08	8				20187	F2		Soil
4-Sep-08	9				20187	F2		Soil
4-Sep-08	10				20187	F2		Soil
4-Sep-08	11				20187	B1		Soil
4-Sep-08	12				20187	B1		Soil
4-Sep-08	13				20187	B1		Soil
4-Sep-08	14				20187	B2		Soil
4-Sep-08	15				20187	B2		Soil
4-Sep-08	16				20187	B2		Soil
4-Sep-08	17				20187	DZ		Soil
4-Sep-08	18				20187	DZ		Soil
4-Sep-08	19				20187	DZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
8:27:00								
8:28:58				<LOD		0	NA	
8:31:13				<LOD		0	NA	
8:33:28				<LOD		0	NA	
8:36:01	shot 1			<LOD		0	NA	
8:38:50	shot 2			<LOD		0	NA	
8:40:57	shot 3			<LOD		0	NA	
8:43:34	shot 1			<LOD		0	NA	
8:46:16	shot 2			<LOD		0	NA	
8:49:22	shot 3			<LOD		0	NA	
8:52:06	shot 1			<LOD		0	NA	
8:54:47	shot 2			<LOD		0	NA	
8:57:08	shot 3			<LOD		0	NA	
8:59:35	shot 1			<LOD		0	NA	
9:01:58	shot 2			<LOD		0	NA	
9:04:45	shot 3			<LOD		0	NA	
9:07:19	shot 1			<LOD		0	NA	
9:09:36	shot 2			<LOD		0	NA	
9:12:27	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3445	316	Pass	143	35
	NA			3250	312	Pass	<LOD	97
	NA			2867	371	Pass	<LOD	129
	NA			4557	342	Pass	121	33
	NA			4083	339	Pass	121	33
	NA			4731	343	Pass	105	33
	NA			2282	580	Pass	185	52
	NA			2367	600	Pass	215	54
	NA			2206	516	Pass	269	49
	NA			2725	628	Pass	343	58
	NA			3094	612	Pass	285	55
	NA			4519	650	Pass	261	57
	NA			4092	371	Pass	132	36
	NA			4143	374	Pass	126	37
	NA			4984	378	Pass	142	36
	NA			3349	359	Pass	<LOD	101
	NA			3431	342	Pass	<LOD	98
	NA			3239	338	Pass	156	34

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	549	33	Pass	32688	323	Pass	<LOD	169
	492	32	Pass	25066	262	Pass	<LOD	154
	10455	159	Pass	38307	420	Pass	<LOD	204
Pass	711	34	Pass	21622	222	Pass	<LOD	139
Pass	626	32	Pass	21950	225	Pass	<LOD	139
Pass	799	35	Pass	22800	232	Pass	<LOD	142
Pass	738	40	Pass	26452	284	Pass	<LOD	164
Pass	863	43	Pass	27208	292	Pass	<LOD	166
Pass	728	38	Pass	24921	264	Pass	<LOD	156
Pass	904	44	Pass	26657	287	Pass	<LOD	163
Pass	924	44	Pass	26472	285	Pass	<LOD	164
Pass	1009	47	Pass	28203	312	Pass	<LOD	176
Pass	506	32	Pass	29234	290	Pass	<LOD	163
Pass	519	33	Pass	30279	303	Pass	<LOD	165
Pass	519	32	Pass	28801	285	Pass	<LOD	160
	685	33	Pass	18330	194	Pass	<LOD	126
	684	33	Pass	18480	193	Pass	<LOD	127
Pass	650	32	Pass	17582	184	Pass	<LOD	122

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	74	11	Pass	36	7	Pass	93	5
	<LOD	31		113	9	Pass	322	9
	<LOD	40		3003	45	Pass	6967	80
	<LOD	29		33	7	Pass	205	7
	41	10	Pass	23	7	Pass	223	7
	37	10	Pass	33	7	Pass	228	8
	47	11	Pass	42	8	Pass	372	10
	52	12	Pass	43	8	Pass	374	10
	58	11	Pass	34	8	Pass	359	10
	63	12	Pass	<LOD	23		310	9
	44	11	Pass	46	8	Pass	311	10
	46	12	Pass	54	9	Pass	338	10
	<LOD	32		34	7	Pass	314	9
	59	11	Pass	27	7	Pass	328	9
	37	11	Pass	35	7	Pass	317	9
	31	9	Pass	31	7	Pass	257	8
	<LOD	28		35	7	Pass	251	8
	47	9	Pass	29	7	Pass	238	8

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	11	2	Pass	<LOD	3		93	2
Pass	114	9	Pass	<LOD	5		107	3
Pass	683	24	Pass	<LOD	10		130	4
Pass	19	4	Pass	<LOD	3		76	2
Pass	<LOD	13		<LOD	4		76	2
Pass	<LOD	14		<LOD	3		80	2
Pass	27	6	Pass	<LOD	4		59	2
Pass	27	6	Pass	<LOD	4		60	2
Pass	18	6	Pass	<LOD	4		60	2
Pass	<LOD	22		<LOD	5		69	2
Pass	34	7	Pass	<LOD	5		67	2
Pass	<LOD	23		<LOD	5		67	2
Pass	15	5	Pass	<LOD	4		77	2
Pass	<LOD	16		<LOD	4		81	2
Pass	<LOD	15		<LOD	4		78	2
Pass	26	5	Pass	<LOD	4		59	2
Pass	21	5	Pass	<LOD	4		57	2
Pass	17	5	Pass	<LOD	3		54	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	233	4	Pass	82	3	Pass	<LOD	7
Pass	252	4	Pass	263	5	Pass	<LOD	8
Pass	327	6	Pass	48	4	Pass	22	3
Pass	89	2	Pass	428	6	Pass	<LOD	8
Pass	90	2	Pass	427	6	Pass	<LOD	8
Pass	85	2	Pass	395	6	Pass	<LOD	8
Pass	262	4	Pass	303	5	Pass	<LOD	8
Pass	291	5	Pass	276	5	Pass	<LOD	8
Pass	227	4	Pass	323	5	Pass	<LOD	8
Pass	278	5	Pass	403	6	Pass	<LOD	8
Pass	271	5	Pass	409	6	Pass	9	3
Pass	284	5	Pass	376	6	Pass	10	3
Pass	82	2	Pass	405	6	Pass	<LOD	8
Pass	89	2	Pass	419	6	Pass	10	3
Pass	85	2	Pass	417	6	Pass	<LOD	8
Pass	106	3	Pass	339	5	Pass	9	3
Pass	109	3	Pass	331	5	Pass	8	3
Pass	104	2	Pass	335	5	Pass	<LOD	7

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		<LOD	36		<LOD	58
	<LOD	31		50	13	Pass	<LOD	62
Pass	34	11	Pass	<LOD	41		<LOD	67
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	32		<LOD	39		<LOD	65
	<LOD	32		<LOD	39		<LOD	65
	<LOD	31		<LOD	38		<LOD	62
	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	33		<LOD	41		<LOD	68
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	62
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	58

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			809	194
	<LOD	66		NA			788	191
	<LOD	71		NA			796	235
	<LOD	63		NA			1836	212
	<LOD	63		NA			2003	214
	<LOD	63		NA			1663	210
	<LOD	68		NA			14994	454
	<LOD	68		NA			16116	472
	<LOD	66		NA			11729	396
	<LOD	68		NA			17787	497
	<LOD	68		NA			16395	479
	<LOD	71		NA			16298	499
	<LOD	64		NA			2962	242
	<LOD	65		NA			2782	242
	<LOD	64		NA			2694	239
	<LOD	63		NA			3694	243
	<LOD	62		NA			2975	227
	<LOD	62		NA			3137	227

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	10		10	3	Pass	18	3
Pass	<LOD	20		<LOD	22		1144	17
Pass	68	15	Pass	<LOD	49		5656	64
Pass	<LOD	13		<LOD	12		274	7
Pass	<LOD	12		<LOD	12		278	7
Pass	<LOD	13		<LOD	13		314	8
Pass	<LOD	16		<LOD	16		459	10
Pass	<LOD	16		<LOD	16		458	10
Pass	<LOD	14		<LOD	15		437	10
Pass	<LOD	17		<LOD	19		704	13
Pass	<LOD	17		20	6	Pass	699	13
Pass	<LOD	17		<LOD	20		725	14
Pass	<LOD	13		<LOD	14		346	8
Pass	<LOD	13		<LOD	14		378	9
Pass	<LOD	13		<LOD	13		360	9
Pass	<LOD	13		<LOD	13		315	8
Pass	<LOD	12		<LOD	12		322	8
Pass	<LOD	13		<LOD	12		307	8

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019821				226		46.83	
Pass							56.81	testing
Pass							54.41	testing
Pass							55.21	testing
Pass							53.06	testing
Pass							53.25	testing
Pass							53.08	testing
Pass							54.3	testing
Pass							54.88	testing
Pass							54.34	testing
Pass							54.32	testing
Pass							54.56	testing
Pass							55.17	testing
Pass							52.84	testing
Pass							53.21	testing
Pass							53.18	testing
Pass							52.98	testing
Pass							53.24	testing
Pass							52.21	testing

Date	Reading	field1	field2	Pass/Fail	field4	field5	Pass Fail S	Mode
4-Sep-08	1			-0.018412			PASS	Standardiz
4-Sep-08	2				NIST2709	low		Soil
4-Sep-08	3				NIST2711	medium		Soil
4-Sep-08	4				NIST2710	high		Soil
4-Sep-08	5				20187	F1		Soil
4-Sep-08	6				20187	F1		Soil
4-Sep-08	7				20187	F1		Soil
4-Sep-08	8				20187	F2		Soil
4-Sep-08	9				20187	F2		Soil
4-Sep-08	10				20187	F2		Soil
4-Sep-08	11				20187	B1		Soil
4-Sep-08	12				20187	B1		Soil
4-Sep-08	13				20187	B1		Soil
4-Sep-08	14				20187	B2		Soil
4-Sep-08	15				20187	B2		Soil
4-Sep-08	16				20187	B2		Soil
4-Sep-08	17				20187	DZ		Soil
4-Sep-08	18				20187	DZ		Soil
4-Sep-08	19				20187	DZ		Soil

Time	field6	field7	field8	LE	LE +/-	LE Pass	P	P +/-
8:27:00								
8:28:58				<LOD		0	NA	
8:31:13				<LOD		0	NA	
8:33:28				<LOD		0	NA	
8:36:01	shot 1			<LOD		0	NA	
8:38:50	shot 2			<LOD		0	NA	
8:40:57	shot 3			<LOD		0	NA	
8:43:34	shot 1			<LOD		0	NA	
8:46:16	shot 2			<LOD		0	NA	
8:49:22	shot 3			<LOD		0	NA	
8:52:06	shot 1			<LOD		0	NA	
8:54:47	shot 2			<LOD		0	NA	
8:57:08	shot 3			<LOD		0	NA	
8:59:35	shot 1			<LOD		0	NA	
9:01:58	shot 2			<LOD		0	NA	
9:04:45	shot 3			<LOD		0	NA	
9:07:19	shot 1			<LOD		0	NA	
9:09:36	shot 2			<LOD		0	NA	
9:12:27	shot 3			<LOD		0	NA	

P Pass	S	S +/-	S Pass	Cl	Cl +/-	Cl Pass	K	K +/-
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	
	NA			NA			NA	

K Pass	Ca	Ca +/-	Ca Pass	Ti	Ti +/-	Ti Pass	Cr	Cr +/-
	NA			3445	316	Pass	143	35
	NA			3250	312	Pass	<LOD	97
	NA			2867	371	Pass	<LOD	129
	NA			4557	342	Pass	121	33
	NA			4083	339	Pass	121	33
	NA			4731	343	Pass	105	33
	NA			2282	580	Pass	185	52
	NA			2367	600	Pass	215	54
	NA			2206	516	Pass	269	49
	NA			2725	628	Pass	343	58
	NA			3094	612	Pass	285	55
	NA			4519	650	Pass	261	57
	NA			4092	371	Pass	132	36
	NA			4143	374	Pass	126	37
	NA			4984	378	Pass	142	36
	NA			3349	359	Pass	<LOD	101
	NA			3431	342	Pass	<LOD	98
	NA			3239	338	Pass	156	34

Cr Pass	Mn	Mn +/-	Mn Pass	Fe	Fe +/-	Fe Pass	Co	Co +/-
Pass	549	33	Pass	32688	323	Pass	<LOD	169
	492	32	Pass	25066	262	Pass	<LOD	154
	10455	159	Pass	38307	420	Pass	<LOD	204
Pass	711	34	Pass	21622	222	Pass	<LOD	139
Pass	626	32	Pass	21950	225	Pass	<LOD	139
Pass	799	35	Pass	22800	232	Pass	<LOD	142
Pass	738	40	Pass	26452	284	Pass	<LOD	164
Pass	863	43	Pass	27208	292	Pass	<LOD	166
Pass	728	38	Pass	24921	264	Pass	<LOD	156
Pass	904	44	Pass	26657	287	Pass	<LOD	163
Pass	924	44	Pass	26472	285	Pass	<LOD	164
Pass	1009	47	Pass	28203	312	Pass	<LOD	176
Pass	506	32	Pass	29234	290	Pass	<LOD	163
Pass	519	33	Pass	30279	303	Pass	<LOD	165
Pass	519	32	Pass	28801	285	Pass	<LOD	160
	685	33	Pass	18330	194	Pass	<LOD	126
	684	33	Pass	18480	193	Pass	<LOD	127
Pass	650	32	Pass	17582	184	Pass	<LOD	122

Co Pass	Ni	Ni +/-	Ni Pass	Cu	Cu +/-	Cu Pass	Zn	Zn +/-
	74	11	Pass	36	7	Pass	93	5
	<LOD	31		113	9	Pass	322	9
	<LOD	40		3003	45	Pass	6967	80
	<LOD	29		33	7	Pass	205	7
	41	10	Pass	23	7	Pass	223	7
	37	10	Pass	33	7	Pass	228	8
	47	11	Pass	42	8	Pass	372	10
	52	12	Pass	43	8	Pass	374	10
	58	11	Pass	34	8	Pass	359	10
	63	12	Pass	<LOD	23		310	9
	44	11	Pass	46	8	Pass	311	10
	46	12	Pass	54	9	Pass	338	10
	<LOD	32		34	7	Pass	314	9
	59	11	Pass	27	7	Pass	328	9
	37	11	Pass	35	7	Pass	317	9
	31	9	Pass	31	7	Pass	257	8
	<LOD	28		35	7	Pass	251	8
	47	9	Pass	29	7	Pass	238	8

Zn Pass	As	As +/-	As Pass	Se	Se +/-	Se Pass	Rb	Rb +/-
Pass	11	2	Pass	<LOD	3		93	2
Pass	114	9	Pass	<LOD	5		107	3
Pass	683	24	Pass	<LOD	10		130	4
Pass	19	4	Pass	<LOD	3		76	2
Pass	<LOD	13		<LOD	4		76	2
Pass	<LOD	14		<LOD	3		80	2
Pass	27	6	Pass	<LOD	4		59	2
Pass	27	6	Pass	<LOD	4		60	2
Pass	18	6	Pass	<LOD	4		60	2
Pass	<LOD	22		<LOD	5		69	2
Pass	34	7	Pass	<LOD	5		67	2
Pass	<LOD	23		<LOD	5		67	2
Pass	15	5	Pass	<LOD	4		77	2
Pass	<LOD	16		<LOD	4		81	2
Pass	<LOD	15		<LOD	4		78	2
Pass	26	5	Pass	<LOD	4		59	2
Pass	21	5	Pass	<LOD	4		57	2
Pass	17	5	Pass	<LOD	3		54	2

Rb Pass	Sr	Sr +/-	Sr Pass	Zr	Zr +/-	Zr Pass	Mo	Mo +/-
Pass	233	4	Pass	82	3	Pass	<LOD	7
Pass	252	4	Pass	263	5	Pass	<LOD	8
Pass	327	6	Pass	48	4	Pass	22	3
Pass	89	2	Pass	428	6	Pass	<LOD	8
Pass	90	2	Pass	427	6	Pass	<LOD	8
Pass	85	2	Pass	395	6	Pass	<LOD	8
Pass	262	4	Pass	303	5	Pass	<LOD	8
Pass	291	5	Pass	276	5	Pass	<LOD	8
Pass	227	4	Pass	323	5	Pass	<LOD	8
Pass	278	5	Pass	403	6	Pass	<LOD	8
Pass	271	5	Pass	409	6	Pass	9	3
Pass	284	5	Pass	376	6	Pass	10	3
Pass	82	2	Pass	405	6	Pass	<LOD	8
Pass	89	2	Pass	419	6	Pass	10	3
Pass	85	2	Pass	417	6	Pass	<LOD	8
Pass	106	3	Pass	339	5	Pass	9	3
Pass	109	3	Pass	331	5	Pass	8	3
Pass	104	2	Pass	335	5	Pass	<LOD	7

Mo Pass	Ag	Ag +/-	Ag Pass	Cd	Cd +/-	Cd Pass	Sn	Sn +/-
	<LOD	30		<LOD	36		<LOD	58
	<LOD	31		50	13	Pass	<LOD	62
Pass	34	11	Pass	<LOD	41		<LOD	67
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	29		<LOD	36		<LOD	60
	<LOD	32		<LOD	39		<LOD	65
	<LOD	32		<LOD	39		<LOD	65
	<LOD	31		<LOD	38		<LOD	62
	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	32		<LOD	39		<LOD	65
Pass	<LOD	33		<LOD	41		<LOD	68
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	30		<LOD	37		<LOD	62
	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	60
Pass	<LOD	29		<LOD	36		<LOD	59
	<LOD	29		<LOD	35		<LOD	58

Sn Pass	Sb	Sb +/-	Sb Pass	I	I +/-	I Pass	Ba	Ba +/-
	<LOD	60		NA			809	194
	<LOD	66		NA			788	191
	<LOD	71		NA			796	235
	<LOD	63		NA			1836	212
	<LOD	63		NA			2003	214
	<LOD	63		NA			1663	210
	<LOD	68		NA			14994	454
	<LOD	68		NA			16116	472
	<LOD	66		NA			11729	396
	<LOD	68		NA			17787	497
	<LOD	68		NA			16395	479
	<LOD	71		NA			16298	499
	<LOD	64		NA			2962	242
	<LOD	65		NA			2782	242
	<LOD	64		NA			2694	239
	<LOD	63		NA			3694	243
	<LOD	62		NA			2975	227
	<LOD	62		NA			3137	227

Ba Pass	Hg	Hg +/-	Hg Pass	Tl	Tl +/-	Tl Pass	Pb	Pb +/-
Pass	<LOD	10		10	3	Pass	18	3
Pass	<LOD	20		<LOD	22		1144	17
Pass	68	15	Pass	<LOD	49		5656	64
Pass	<LOD	13		<LOD	12		274	7
Pass	<LOD	12		<LOD	12		278	7
Pass	<LOD	13		<LOD	13		314	8
Pass	<LOD	16		<LOD	16		459	10
Pass	<LOD	16		<LOD	16		458	10
Pass	<LOD	14		<LOD	15		437	10
Pass	<LOD	17		<LOD	19		704	13
Pass	<LOD	17		20	6	Pass	699	13
Pass	<LOD	17		<LOD	20		725	14
Pass	<LOD	13		<LOD	14		346	8
Pass	<LOD	13		<LOD	14		378	9
Pass	<LOD	13		<LOD	13		360	9
Pass	<LOD	13		<LOD	13		315	8
Pass	<LOD	12		<LOD	12		322	8
Pass	<LOD	13		<LOD	12		307	8

Pb Pass	Match1	Match2	Match3	MN1	MN2	MN3	LiveTime	field3
	0.019821				226		46.83	
Pass							56.81	testing
Pass							54.41	testing
Pass							55.21	testing
Pass							53.06	testing
Pass							53.25	testing
Pass							53.08	testing
Pass							54.3	testing
Pass							54.88	testing
Pass							54.34	testing
Pass							54.32	testing
Pass							54.56	testing
Pass							55.17	testing
Pass							52.84	testing
Pass							53.21	testing
Pass							53.18	testing
Pass							52.98	testing
Pass							53.24	testing
Pass							52.21	testing

Appendix D

ASR #3902 Data Package

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 11/10/2008

Subject: Transmittal of Sample Analysis Results for ASR #: 3902

Project ID: BMA78D01

Project Description: Washington County Lead District - Potosi RI sampling

From: Michael F. Davis, Chief
Chemical Analysis and Response Branch, Environmental Services Division

To: Bruce Morrison
SUPR/FFSE

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Bruce Morrison Org: SUPR/FFSE Phone: 913-551-7755

Project ID: BMA78D01

Project Desc: Washington County Lead District - Potosi RI sampling

Location: Potosi State: Missouri Program: Superfund

Site Name: WASHINGTON COUNTY LEAD DISTRICT - POTOSI - RESIDENTIAL YARD REMOVAL Site ID: A78D Site OU: 01

GPRA PRC: 302DD2C

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample
FB = Field Blank

Units: Specific units in which results are reported.

% = Percent
mg/L = Milligrams per Liter
mg/kg = Milligrams per Kilogram
ug/L = Micrograms per Liter
ug/cm2 = Micrograms per Square Centimeter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank) = Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1	__	Solid	DSGPLA4-5003 (Property 5003, quadrant B2)		07/22/2008	12:00			07/25/2008
2	__	Solid	CSGRLAZ-5007 (Property 5007, F1 quadrant - confirmation sample)		07/23/2008	12:45			07/25/2008
3	__	Solid	DSGRLAZ-23378 (Property 23378-B2 Quadrant confirmation sample)		07/25/2008	13:05			08/08/2008
4	__	Solid	CSGRLAZ-30079 (Property 30079, B1 Quadrant soil confirmation sample)		07/28/2008	11:00			08/08/2008
5	__	Solid	DSGRZA1-20918		07/30/2008	09:00			08/08/2008
6	__	Solid	CSGPA3-5015		08/01/2008	11:30			08/21/2008
7	__	Solid	DSGRXA3-31016		08/07/2008	13:00			08/21/2008
8	__	Solid	DSGRXA3-20028		08/08/2008	12:00			08/21/2008
9	__	Solid	GSGRXA3-30182		08/11/2008	14:45			08/21/2008
10	__	Solid	BSGRXA4-438		08/12/2008	09:30			08/21/2008
11	__	Solid	CSGRXA3-1612		08/11/2008	12:00			08/21/2008
12	__	Solid	PSGRXA3-20070		08/12/2008	17:00			08/21/2008
13	__	Solid	BSGRXA3-30914		08/15/2008	13:00			08/22/2008
14	__	Solid	BSGRXA3-30553		08/13/2008	11:20			08/22/2008
15	__	Solid	DSGRXA3-30911		08/13/2008	10:30			08/22/2008
16	__	Solid	CSGRXA3-486		08/13/2008	17:17			08/22/2008
17	__	Solid	DSGRXA3-30651		08/14/2008	11:30			08/22/2008
18	__	Solid	DSGRXA3-5008		08/19/2008	14:00			08/22/2008
19	__	Solid	CSGRXA3-20331		08/15/2008	11:50			08/22/2008
20	__	Solid	BSGRXA3-30417		08/19/2008	12:30			08/22/2008
21	__	Solid	ASGRXA3-5013		08/20/2008	09:00			08/29/2008
22	__	Solid	BSGRXA3-20349		08/20/2008	14:00			08/29/2008
23	__	Solid	ASGRXA3-30177		08/21/2008	11:45			08/29/2008
24	__	Solid	ASGRXA3-30364		08/21/2008	16:00			08/29/2008
25	__	Solid	ASGRXA3-5012		08/21/2008	10:30			08/29/2008
26	__	Solid	ASGRXA3-30126		08/25/2008	12:00			08/29/2008
27	__	Solid	BSGRXA3-30271		08/26/2008	12:00			08/29/2008
101	__	Solid	MDCPLZZ-20758 (Composite vacuum sample from living and dinind room, and bedroom)		07/16/2008	10:15			07/25/2008
102	__	Solid	MDCPLZZ-510 (Composite vacuum dust sample from living rm., kitchen and bedroom)		07/15/2008	14:17			07/25/2008
103	__	Solid	MDCPLZZ-23264 (Composite vacuum dust sample from living rm., kitchen and bedroom)		07/21/2008	08:48			07/25/2008
104	__	Solid	MDCPLZZ-8 (Composite vacuum dust sample from family rm., kitchen and bedroom)		07/18/2008	12:42			07/25/2008
105	__	Solid	ZDCPLZZ-23575 (Composite vacuum dust sample from living rm., kitchen and bedroom)		07/22/2008	15:58			07/25/2008
106	__	Solid	ZDCPLZZ-69 (Composite vacuum dust sample from family and living rms., and bedroom)		07/23/2008	10:35			07/25/2008
107	__	Solid	LDCPLZZ-5007 (Composite		07/23/2008	12:58			07/25/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			vacuum dust sample collected from living rm., kitchen and bedroom)						
108 - __		Solid	MDCPLZZ-20437 (Composite vacuum dust sample from living and family rooms and bedroom)		07/25/2008	09:35			08/08/2008
109 - __		Solid	MDCPLZZ-23378 (Composite vacuum sample from living room, kitchen and bedroom floors		07/25/2008	12:55			08/08/2008
110 - __		Solid	MDCPLZZ-20008 (Vacuum composite dust sample from living room, kitchen and bedroom)		07/31/2008	13:58			08/08/2008
111 - __		Solid	MDCPLZXZ-1653 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		07/24/2008	14:00			08/08/2008
112 - __		Solid	MDCPLZZ-30079 (Composite vacuum sample from living room, kitchen and bedroom floors)		07/28/2008	11:06			08/08/2008
113 - __		Solid	MDCPLZZ-20767 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		07/29/2008	10:17			08/08/2008
114 - __		Solid	MDCPLZZ-20918 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		07/30/2008	09:24			08/08/2008
115 - __		Solid	MDCPLZZ-2002T (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/04/2008	11:17			08/08/2008
116 - __		Solid	MDCPLZZ-30965 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		07/30/2008	17:05			08/08/2008
117 - __		Solid	MDCPLZZ-30448 (Composite vacuum sample from living room, kitchen and bedroom floors)		07/31/2008	10:00			08/08/2008
118 - __		Solid	MDCPLZZ-5003 (Composite dust sample from living and dining rooms and kitchen)		08/07/2008	11:50			08/21/2008
119 - __		Solid	MDCPLZZ-31016 (Composite dust vacuum sample from family and dining rooms and bedroom)		08/07/2008	13:30			08/21/2008
120 - __		Solid	MDCPLZZ-20028 (Composite vacuum dust sample from living room, kitchen and bedroom)		08/08/2008	11:30			08/21/2008
121 - __		Solid	MDCPLZZ-30182 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/11/2008	14:10			08/21/2008
122 - __		Solid	MDCPLZZ-438 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/12/2008	09:30			08/21/2008
123 - __		Solid	MDCPLZZ-1612 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/11/2008	11:46			08/21/2008
124 - __		Solid	MDCPLZZ-20070 (Composite dust vacuum sample from living room, kitchen and bedroom floors)		08/12/2008	16:50			08/21/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
125	__	Solid	MDCPLZZ-30914 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/15/2008	13:22			08/22/2008
126	__	Solid	MDCPLZZ-30553 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/13/2008	11:39			08/22/2008
127	__	Solid	MDCPLZZ-30911 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/13/2008	09:46			08/22/2008
128	__	Solid	MDCPLZZ-486 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/13/2008	17:25			08/22/2008
129	__	Solid	MDGPLZZ-30651 (Composite vacuum dust sample from living room, kitchen and bedroom)		08/14/2008	09:23			08/22/2008
130	__	Solid	MDCPLZZ-5008 (Composite vacuum dust sample from living room, kitchen and family room)		08/19/2008	14:49			08/22/2008
131	__	Solid	MDCPLZZ-20331 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/15/2008	11:50			08/22/2008
132	__	Solid	MDCPLZZ-30417 (Composite dust vacuum sample from living room, kitchen and bedroom floors)		08/19/2008	12:38			08/22/2008
133	__	Solid	MDCPLZZ-5013 (Composite dust vacuum sample from living room, kitchen and bedroom)		08/20/2008	09:33			08/29/2008
134	__	Solid	MDCPLZZ-20349 (Composite dust vacuum sample from living room, kitchen and bedroom floors)		08/20/2008	14:50			08/29/2008
135	__	Solid	MDGPLZZ-30177 (Composite vacuum dust sample from living room, dining room and bedroom floors)		08/21/2008	12:15			08/29/2008
136	__	Solid	MDCPLZZ-30364 (Composite dust vacuum sample from living room, kitchen and bedroom floors)		08/21/2008	16:07			08/29/2008
137	__	Solid	MDCPLZZ-20428 (Composite dust vacuum sample from living room, dining room and bedroom floors)		08/22/2008	10:00			08/29/2008
138	__	Solid	MDCPLZZ-5012 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/21/2008	11:00			08/29/2008
139	__	Solid	MDCPLZZ-30172 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/21/2008	14:45			08/29/2008
140	__	Solid	MDCPLZZ-30126 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/25/2008	12:00			08/29/2008
141	__	Solid	MDCPLZZ-30577 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/25/2008	16:52			08/29/2008
142	__	Solid	MDCPLZZ-20397 (Composite dust		08/25/2008	14:51			08/29/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			sample from living room, kitchen and bedroom						
143 - __		Solid	MDCPLZZ-30271 (Composite dust vacuum sample from family room, dining room and bedroom		08/26/2008	12:00			08/29/2008
144 - __		Solid	MDCPLZZ-1634 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/27/2008	16:30			08/29/2008
145 - __		Solid	MDCPLZZ-1643 (Composite dust vacuum sample from living room, kitchen and bedroom floors)		08/27/2008	14:17			08/29/2008
146 - __		Solid	MDCPLZZ-20108 (Composite vacuum dust sample from Living, dining rooms and bedroom floors)		08/28/2008	17:34			09/05/2008
147 - __		Solid	MDCPLZZ-5014 (Composite vacuum dust sample from family room, kitchen and bedroom floors)		08/29/2008	10:17			09/05/2008
148 - __		Solid	Composite vacuum dust sample from living room, kitchen and bedroom floors		08/29/2008	09:30			09/05/2008
149 - __		Solid	MDCPLZZ-20173 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		08/29/2008	11:07			09/05/2008
150 - __		Solid	MDCPLZZ-20187 (Composite vacuum dust sample from living room, kitchen and bedroom floors)		09/03/2008	14:18			09/05/2008
201 - __		Waste	IWGPLZZ-23264 (Living rm. floor wipe sample) (Area wipe: 144 in2)		07/21/2008	08:59			07/25/2008
202 - __		Waste	ZWGPLZZ-23264 (Dining rm. floor wipe sample) (Area wipe: 144 in2)		07/21/2008	09:08			07/25/2008
203 - __		Waste	JWGPLZZ-23264 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/21/2008	09:16			07/25/2008
204 - __		Waste	IWGPLZZ-20758 (Living rm. floor wipe sample) (Area wipe: 144 in2)		07/16/2008	10:30			07/25/2008
205 - __		Waste	ZWGPLZZ-20758 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/16/2008	10:35			07/25/2008
206 - __		Waste	JWGPLZZ-20758 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/16/2008	10:43			07/25/2008
207 - __		Waste	IWGPLZZ-510 (Living rm. floor wipe sample) (Area wipe: 144 in2)		07/15/2008	14:44			07/25/2008
208 - __		Waste	ZWGPLZZ-510 (Kitchen window sill) (Area wipe: 144 in2)		07/15/2008	14:49			07/25/2008
209 - __		Waste	HWGPLZZ-510 (Hallway dust wipe sample) (Area wipe: 144 in2)		07/15/2008	14:55			07/25/2008
210 - __		Waste	IWGPLZZ-8 (Family rm. floor dust wipe sample) (Area wipe: 144 in2)		07/18/2008	12:53			07/25/2008
211 - __		Waste	ZWGPLZZ-8 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/18/2008	12:59			07/25/2008
212 - __		Waste	JWGPLZZ-8 (Bedroom floor dust		07/18/2008	13:05			07/25/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			wipe sample) (Area wipe: 144 in2)						
213 - __		Waste	IWGPLZZ-23579 (Wipe dust sampled from living rm. floor) (Area wipe: 144 in2)		07/22/2008	16:10			07/25/2008
214 - __		Waste	ZWGPLZZ-23575 (Wipe dust sample from kitchen floor) (Area wipe: 144 in2)		07/22/2008	16:17			07/25/2008
215 - __		Waste	JWGPLZZ-23575 (Wipe sample collected from bedroom floor) (Area wipe: 144 in2)		07/22/2008	16:22			07/25/2008
216 - __		Waste	HWGPLZZ-69 (Laundry rm. floor wipe sample) (Area wipe: 144 in2)		07/23/2008	10:42			07/25/2008
217 - __		Waste	IWGPLZZ-69 (Living rm. floor wipe sample) (Area wipe: 144 in2)		07/23/2008	10:47			07/25/2008
218 - __		Waste	JWGPLZZ-69 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/23/2008	10:52			07/25/2008
219 - __		Waste	HWGPLZZ-5007 (Wipe dust sample from family rm. floor) (Area wipe: 144 in2)		07/23/2008	13:01			07/25/2008
220 - __		Waste	IWGPLZZ-5007 (Wipe dust sample from living rm. floor) (Area wipe: 144 in2)		07/23/2008	13:16			07/25/2008
221 - __		Waste	JWGPLZZ-5007 (Wipe dust sample from bedroom floor) (Area wipe: 144 in2)		07/23/2008	13:22			07/25/2008
222 - __		Waste	IWGPLZZ-20437 (Wipe dust sample from living rm. floor) (Area wipe: 144 in2)		07/24/2008	09:50			07/25/2008
223 - __		Waste	HWGPLZZ-20437 (Wipe dust sample from family rm. floor) (Area wipe: 144 in2)		07/24/2008	09:59			07/25/2008
224 - __		Waste	JWGPLZZ-20437 (Wipe dust sample from bedroom floor) (Area wipe: 144 in2)		07/24/2008	10:05			07/25/2008
225 - __		Waste	IWGPLZZ-23378 (Living room floor dust wipe sample) (Area wipe: 144 in2)		07/25/2008	13:07			08/08/2008
226 - __		Waste	ZWGPLZZ-23378 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/25/2008	13:12			08/08/2008
227 - __		Waste	JWGPLZZ-23378 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/25/2008	13:17			08/08/2008
228 - __		Waste	IWGPLZZ-20008 (Living room floor dust wipe sample) (Area wipe: 144 in2)		07/31/2008	14:17			08/08/2008
229 - __		Waste	ZWGPLZZ-20008 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/31/2008	14:23			08/08/2008
230 - __		Waste	JWGPLZZ-20008 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/31/2008	14:29			08/08/2008
231 - __		Waste	IWGPLZZ-30079 (Living room wipe dust sample) (Area wipe: 144 in2)		07/28/2008	11:21			08/08/2008
232 - __		Waste	ZWGPLZZ-30079 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/28/2008	11:27			08/08/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
233	__	Waste	JWGPLZZ-30079 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/28/2008	11:31			08/08/2008
234	__	Waste	IWGPLZZ-1653 (Living room floor dust wipe sample) (Area wipe: 144 in2)		07/24/2008	13:31			08/08/2008
235	__	Waste	ZWGPLZZ-1653 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/24/2008	13:37			08/08/2008
236	__	Waste	JWGPLZZ-1653 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/24/2008	13:43			08/08/2008
237	__	Waste	IWGPLZXZ-20767 (Wipe sample for dust from living room floor) (Area wipe: 144 in2)		07/29/2008	09:05			08/08/2008
238	__	Waste	ZWGPLZZ-20767 (Wipe dust sample from kitchen floor) (Area wipe: 144 in2)		07/29/2008	09:09			08/08/2008
239	__	Waste	JWGPLZZ-20767 (Wipe dust sample from bedroom floor) (Area wipe: 144 in2)		07/29/2008	09:15			08/08/2008
240	__	Waste	IWGPLZZ-20918 (Living room floor dust wipe sample) (Area wipe: 144 in2)		07/30/2008	09:32			08/08/2008
241	__	Waste	ZWGPLZZ-20918 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/30/2008	09:40			08/21/2008
242	__	Waste	JWGPLZZ-20918 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/30/2008	09:44			08/08/2008
243	__	Waste	IWGPLZZ-20027 (Living room floor dust wipe sample) (Area wipe: 144 in2)		08/04/2008	10:15			08/08/2008
244	__	Waste	ZWGPLZZ-20027 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		08/04/2008	10:20			08/08/2008
245	__	Waste	JWGPLZZ-20027 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		08/04/2008	10:25			08/08/2008
246	__	Waste	IWGPLZZ-30965 (Living room floor dust wipe sample) (Area wipe: 144 in2)		07/30/2008	17:25			08/08/2008
247	__	Waste	ZWGPLZZ-30965 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/30/2008	17:32			08/08/2008
248	__	Waste	JWGPLZZ-30965 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/30/2008	17:39			08/08/2008
249	__	Waste	IWGPLZZ-30448 (Living room floor dust wipe sample) (Area wipe: 144 in2)		07/31/2008	09:42			08/08/2008
250	__	Waste	ZWGPLZZ-30448 (Kitchen floor dust wipe sample) (Area wipe: 144 in2)		07/31/2008	09:50			08/08/2008
251	__	Waste	JWGPLZZ-30448 (Bedroom floor dust wipe sample) (Area wipe: 144 in2)		07/31/2008	09:57			08/08/2008
252	__	Waste	IWGPLZZ-5003 (Wipe dust sample from living room floor) (Area wipe: 144 in2)		08/07/2008	11:51			08/22/2008
253	__	Waste	HWGPLZZ-5003 (Wipe dust sample from dining room floor)		08/07/2008	11:57			08/22/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			(Area wipe: 144 in2)						
254 - __		Waste	ZWGPLZZ-5003 (Wipe dust sample from kitchen floor) (Area wipe: 144 in2)		08/07/2008	12:03			08/22/2008
255 - __		Waste	IWGPLZZ-31016 (Wipe dust sample from family room floor) (Area wipe: 144 in2)		08/07/2008	13:02			08/22/2008
256 - __		Waste	ZWGPLZZ-31016 (Dust wipe sample from dining room floor) (Area wipe: 144 in2)		08/07/2008	13:08			08/22/2008
257 - __		Waste	JWGPLZZ-31016 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/07/2008	13:14			08/22/2008
258 - __		Waste	IWGPLZZ-20028 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/08/2008	11:51			08/22/2008
259 - __		Waste	ZWGPLZZ-20028 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/08/2008	11:56			08/22/2008
260 - __		Waste	JWGPLZZ-20028 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/08/2008	11:59			08/22/2008
261 - __		Waste	IWGPLZZ-30182 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/11/2008	14:20			08/22/2008
262 - __		Waste	ZWGPLZZ-30182 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/11/2008	14:26			08/22/2008
263 - __		Waste	JWGPLZZ-30182 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/11/2008	14:30			08/22/2008
264 - __		Waste	IWGPLZZ-438 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/12/2008	09:00			08/22/2008
265 - __		Waste	ZWGPLZZ-438 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/12/2008	09:05			08/22/2008
266 - __		Waste	JWGPLZZ-438 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/12/2008	09:10			08/22/2008
267 - __		Waste	IWGPLZZ-1612 (Wipe dust sample from living room floor) (Area wipe: 144 in2)		08/11/2008	11:20			08/22/2008
268 - __		Waste	ZWGPLZZ-1612 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/11/2008	11:40			08/22/2008
269 - __		Waste	JWGPLZZ-1612 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/11/2008	11:46			08/22/2008
270 - __		Waste	IWGPLZZ-20070 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/12/2008	16:53			08/22/2008
271 - __		Waste	ZWGPLZZ-20070 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/12/2008	16:59			08/22/2008
272 - __		Waste	JWGPLZZ-20070 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/12/2008	17:05			08/22/2008
273 - __		Waste	IWGPLZZ-30914 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/15/2008	13:00			08/22/2008
274 - __		Waste	ZWGPLZZ-30914 (Dust wipe		08/15/2008	13:04			08/22/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			sample from kitchen floor) (Area wipe: 144 in2)						
275 - __		Waste	JWGPLZZ-30914 (Wipe dust sample from bedroom floor) (Area wipe: 144 in2)		08/15/2008	13:08			08/22/2008
276 - __		Waste	IWGPLZZ-30553 (Wipe dust sample from living room floor) (Area wipe: 144 in2)		08/13/2008	11:45			08/22/2008
277 - __		Waste	ZWGPLZZ-30553 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/13/2008	11:49			08/22/2008
278 - __		Waste	JWGPLZZ-30553 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/13/2008	11:54			08/22/2008
279 - __		Waste	IWGPLZZ-30911 (Wipe dust sample from living room floor) (Area wipe: 144 in2)		08/13/2008	10:01			08/22/2008
280 - __		Waste	ZWGPLZZ-30911 (Wipe dust sample from kitchen floor) (Area wipe: 144 in2)		08/13/2008	10:07			08/22/2008
281 - __		Waste	JWGPLZZ-30911 (Wipe dust sample from bedroom floor) (Area wipe: 144 in2)		08/13/2008	10:12			08/22/2008
282 - __		Waste	IWGPLZZ-486 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/13/2008	17:41			08/22/2008
283 - __		Waste	ZWGPLZZ-486 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/13/2008	17:45			08/22/2008
284 - __		Waste	JWGPLZZ-486 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/13/2008	17:49			08/22/2008
285 - __		Waste	IWGPLZZ-30651 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/14/2008	09:47			08/22/2008
286 - __		Waste	ZWGPLZZ-30651 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/14/2008	09:53			08/22/2008
287 - __		Waste	JWGPLZZ-30651 (Wipe dust sample from bedroom floor) (Area wipe: 144 in2)		08/14/2008	09:58			08/22/2008
288 - __		Waste	IWGPLZZ-5008 (Wipe dust sample from living room floor) (Area wipe: 144 in2)		08/19/2008	14:09			08/22/2008
289 - __		Waste	ZWGPLZZ-5008 (Wipe dust sample from kitchen floor) (Area wipe: 144 in2)		08/19/2008	14:17			08/22/2008
290 - __		Waste	JWGPLZZ-5008 (Wipe dust sample from bedroom floor) (Area wipe: 144 in2)		08/19/2008	14:37			08/22/2008
291 - __		Waste	IWGPLZZ-20331 (Wipe dust sample from living room floor) (Area wipe: 144 in2)		08/15/2008	12:01			08/22/2008
292 - __		Waste	ZWGPLZZ-20331 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/15/2008	12:06			08/22/2008
293 - __		Waste	JWGPLZZ-20331 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/15/2008	12:13			08/22/2008
294 - __		Waste	IWGPLZZ-30417 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/19/2008	12:10			08/22/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
295	__	Waste	ZWGPLZZ-30417 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/19/2008	12:14			08/22/2008
296	__	Waste	JWGPLZZ-30417 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/19/2008	12:17			08/22/2008
297	__	Waste	IWGPLZZ-5013 (Dust wipe sample from living room floor) (Area wipe: 144in2)		08/20/2008	09:03			08/29/2008
298	__	Waste	ZWGPLZZ-5013 (Wipe dust sample from kitchen floor) (Area wipe: 144 in2)		08/20/2008	09:05			08/29/2008
299	__	Waste	JWGPLZZ-5013 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/20/2008	09:07			08/29/2008
300	__	Waste	IWGPLZZ-20349 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/20/2008	14:10			08/29/2008
301	__	Waste	ZWGPLZZ-20349 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/20/2008	14:12			08/29/2008
302	__	Waste	JWGPLZZ-20349 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/20/2008	14:15			08/29/2008
303	__	Waste	IWGPLZZ-30177 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/21/2008	11:53			08/29/2008
304	__	Waste	ZWGPLZZ-30177 (Dust wipe sample from dining room floor) (Area wipe: 144 in2)		08/21/2008	11:55			08/29/2008
305	__	Waste	JWGPLZZ-30177 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/21/2008	11:57			08/29/2008
306	__	Waste	IWGPLZZ-30364 (Dust wipe samle from living room floor) (Area wipe: 144 in2)		08/21/2008	15:51			08/29/2008
307	__	Waste	ZWGPLZZ-30364 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/21/2008	15:53			08/29/2008
308	__	Waste	JWGPLZZ-30364 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/21/2008	15:54			08/29/2008
309	__	Waste	IWGPLZZ-20428 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/22/2008	09:36			08/29/2008
310	__	Waste	ZWGPLZZ-20428 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/22/2008	09:38			08/29/2008
311	__	Waste	JWGPLZZ-20428 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/22/2008	09:41			08/29/2008
312	__	Waste	IWGPLZZ-5012 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/21/2008	10:46			08/29/2008
313	__	Waste	ZWGPLZZ-5012 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/21/2008	10:49			08/29/2008
314	__	Waste	JWGPLZZ-5012 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/21/2008	10:57			08/29/2008
315	__	Waste	IWGPLZZ-30172 (Dust wipe sample from living room floor)		08/21/2008	14:05			08/29/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			(Area wipe: 144 in2)						
316 - __		Waste	ZWGPLZZ-30172 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/21/2008	14:08			08/29/2008
317 - __		Waste	JWGPLZZ-30172 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/21/2008	14:10			08/29/2008
318 - __		Waste	IWGPLZZ-30126 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/25/2008	12:40			08/29/2008
319 - __		Waste	ZWGPLZZ-30126 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/25/2008	12:45			08/29/2008
320 - __		Waste	JWGPLZZ-30126 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/25/2008	12:57			08/29/2008
321 - __		Waste	IWGPLZZ-30577 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/25/2008	17:05			08/29/2008
322 - __		Waste	ZWGPLZZ-30577 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/25/2008	17:10			08/29/2008
323 - __		Waste	JWGPLZZ-30577 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/25/2008	17:14			08/29/2008
324 - __		Waste	ZWGPLZZ-20397 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/25/2008	15:01			08/29/2008
325 - __		Waste	IWGPLZZ-20397 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/25/2008	15:05			08/29/2008
326 - __		Waste	JWGPLZZ-20397 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/25/2008	15:11			08/29/2008
327 - __		Waste	IWGPLZZ-30271 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/26/2008	11:30			08/29/2008
328 - __		Waste	ZWGPLZZ-30271 (Dust wipe sample from dining room floor) (Area wipe: 144 in2)		08/26/2008	11:35			08/29/2008
329 - __		Waste	JWGPLZZ-30271 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/26/2008	11:40			08/29/2008
330 - __		Waste	IWGPLZZ-1634 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/27/2008	16:31			08/29/2008
331 - __		Waste	ZWGPLZZ-1634 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/27/2008	16:36			08/29/2008
332 - __		Waste	JWGPLZZ-1634 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/27/2008	16:40			08/29/2008
333 - __		Waste	IWGPLZZ-1643 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/27/2008	14:35			08/29/2008
334 - __		Waste	ZWGPLZZ-1643 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/27/2008	14:40			08/29/2008
335 - __		Waste	JWGPLZZ-1643 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/27/2008	14:45			08/29/2008
336 - __		Waste	IWGPLZZ-20108 (Dust wipe		08/28/2008	17:45			09/05/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			sample from living room floor) (Area wipe: 144 in2)						
337 - __		Waste	ZWGPLZZ-20108 (Dust wipe sample from dining room floor) (Area wipe: 144 in2)		08/28/2008	17:51			09/05/2008
338 - __		Waste	JWGPLZZ-20108 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/28/2008	17:57			09/05/2008
339 - __		Waste	IWGPLZZ-5014 (Dust wipe sample from family room floor) (Area wipe: 144 in2)		08/29/2008	10:23			09/05/2008
340 - __		Waste	ZWGPLZZ-5014 (Dust wipe sample from dining room floor) (Area wipe: 144 in2)		08/29/2008	10:27			09/05/2008
341 - __		Waste	JWGPLZZ-5014 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/29/2008	10:31			09/05/2008
342 - __		Waste	IWGPLZZ-20171 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/29/2008	09:45			09/05/2008
343 - __		Waste	ZWGPLZZ-20171 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/29/2008	09:49			09/05/2008
344 - __		Waste	JWGPLZZ-20171 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/29/2008	09:53			09/05/2008
345 - __		Waste	ZWGPLZZ-20173 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		08/29/2008	11:05			09/05/2008
346 - __		Waste	IWGPLZZ-20173 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		08/29/2008	11:10			09/05/2008
347 - __		Waste	JWGPLZZ-20173 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		08/29/2008	11:15			09/05/2008
348 - __		Waste	IWGPLZZ-20187 (Dust wipe sample from living room floor) (Area wipe: 144 in2)		09/03/2008	13:52			09/05/2008
349 - __		Waste	ZWGPLZZ-20187 (Dust wipe sample from kitchen floor) (Area wipe: 144 in2)		09/03/2008	13:55			09/05/2008
350 - __		Waste	JWGPLZZ-20187 (Dust wipe sample from bedroom floor) (Area wipe: 144 in2)		09/03/2008	14:00			09/05/2008
401 - __		Water	ZPGPLZZ-8 (Tap water sample, 1851 home)		07/18/2008	13:30			10/23/2008
402 - __		Water	ZPGPLZZ-23264 (Potable water sample)		07/21/2008	09:30			10/23/2008
403 - __		Water	ZPGPLZZ-23575 (Well water sample)		07/22/2008	16:15			10/23/2008
404 - __		Water	ZPGPLZZ-69 (Potable water sample)		07/23/2008	11:00			10/23/2008
405 - __		Water	ZPGPLZZ-5007 (Potable water sample)		07/23/2008	13:30			10/23/2008
406 - __		Water	ZPGPLZZ-20437 (Potable water sample)		07/24/2008	10:15			10/23/2008
407 - __		Water	LPGPLZZ-23378 (Potable water)		07/25/2008	13:30			10/23/2008
408 - __		Water	LPGPLZZ-20008 (Potable water sample)		07/31/2008	14:45			10/23/2008
409 - __		Water	ZPGPLZZ-30079 (Potable water sample)		07/28/2008	11:45			10/23/2008
410 - __		Water	ZPGPLZZ-1653 (Potable water		07/24/2008	13:30			10/23/2008

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			sample)						
411	__	Water	LPGPLZZ-20767 (Potable water sample)		07/29/2008	10:30			10/23/2008
412	__	Water	ZPGPLZZ-20027 (Potable water)		08/04/2008	11:30			10/23/2008
413	__	Water	ZPGPLZZ-30965 (Potable water)		07/30/2008	17:45			10/23/2008
414	__	Water	ZPGPLZZ-30448 (Potable water)		07/31/2008	10:00			10/23/2008
415	__	Water	ZPGPLZZ-31016 (Well water sample)		08/07/2008	13:30			10/23/2008
416	__	Water	ZPGPLZZ-30182 (Well water sample)		08/11/2008	14:30			10/23/2008
417	__	Water	ZPGPLZZ-438 (Potable Water sample)		08/12/2008	09:30			10/23/2008
418	__	Water	ZPGPLZZ-1612 (Potable water sample)		08/11/2008	12:10			10/23/2008
419	__	Water	ZPGPLZZ-30914		08/15/2008	13:30			10/23/2008
420	__	Water	ZPGPLZZ-30553		08/13/2008	12:00			10/23/2008
421	FB	Water	ZPGDLZZ-01 = Field Blank sample		08/19/2008	12:35			10/23/2008
422	FB	Water	ZPGDLZZ-02 = Field Blank sample		08/19/2008	15:30			10/23/2008
501	__	Water	ZPGELZZ-01 (Rinsate sample passed over soil mxing bowl)		07/23/2008	11:30			07/25/2008
502	__	Water	ZPGELZZ-02 (Water Rinsate sample)		08/05/2008	14:05			08/08/2008
503	__	Water	ZPGELZZ-03 (Rinsate passed through #10 and #60 sieve)		08/07/2008	15:30			08/21/2008
504	__	Water	ZPGELZZ-04 (Water Rinsate sample)		08/13/2008	14:00			08/21/2008
505	__	Water	ZPGELZZ-05		08/18/2008	17:30			08/22/2008
506	__	Water	ZPGELZZ-06		08/19/2008	14:00			08/22/2008
507	__	Water	ZPGELZZ-07		08/21/2008	09:00			08/22/2008
508	__	Water	ZPGELZZ-08		08/24/2008	11:30			08/29/2008
509	__	Water	ZPGELZZ-09		08/27/2008	10:00			08/29/2008
510	__	Water	ZPGELZZ-10		08/28/2008	11:30			08/29/2008
511	__	Water	ZPGELZZ-11		08/28/2008	11:00			08/29/2008
512	__	Water	ZPGELZZ-12		09/02/2008	16:30			09/05/2008
513	__	Water	ZPGELZZ-13		09/03/2008	09:20			09/05/2008
514	__	Water	ZPGELZZ-14		09/03/2008	11:00			09/05/2008
601	__	Solid	ASGRLAZ-8 (Property 8, F1 quadrant Bioaccess. Lead soil sample)		07/18/2008	12:11			07/25/2008
602	__	Solid	CSGPLAZ-5007 (Property 5007, B1 quadrant, in-vitro Bioaccess. Pb soil sample)		07/23/2008	12:45			07/25/2008
603	__	Solid	DSGRLA8-23378 (Property 23378, B2 Quadrant - BioAccess. Lead soil sample)		07/25/2008	15:05			08/08/2008
604	__	Solid	DSGRLA1-20918 (Bioaccess. Lead soil sample)		07/30/2008	09:00			08/08/2008
605	__	Solid	CSGRLA3-20008 (Bioaccess. Lead soil sample)		07/31/2008	14:00			08/08/2008
606	__	Solid	BSGRLA3-30448 (Bioaccess. Lead soil sample)		07/31/2008	10:00			08/08/2008
607	__	Solid	DSGRXA3-31016 (Property 31016, B2 Quadrant, Bioaccess. sample)		08/07/2008	13:00			08/21/2008

Project ID: BMA78D01 Project Desc: Washington County Lead District - Potosi RI sampling

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
608	- __	Solid	ASGRXA3-1612 (Bioaccess. sample)		08/11/2008	12:00			08/21/2008
609	- __	Solid	ASGRXA3-30553 (Bioaccess. Lead soil sample)		08/13/2008	11:20			08/22/2008
610	- __	Solid	CSGRXA3-30911 (Bioaccess. Lead soil sample)		08/13/2008	10:15			08/22/2008
611	- __	Solid	ASGPXA3-20331 (Bioaccess. Lead soil sample)		08/15/2008	11:50			08/22/2008
612	- __	Solid	ASGRXA3-30417 (Bioaccess. Lead soil sample)		08/19/2008	12:30			08/22/2008
613	- __	Solid	ASGRXA3-20349 (Bioaccess. Lead soil sample)		08/20/2008	14:00			08/29/2008
614	- __	Solid	DSGRXA3-30177 (Bioaccess. Lead soil sample)		08/21/2008	11:45			08/29/2008
615	- __	Solid	DSGRXA3-20428 (Bioaccess. Lead soil sample)		08/22/2008	10:00			08/29/2008

Analysis Comments About Results For This Analysis

1 Bioaccessible Lead in Soil by ICP

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3C Applied to Samples Digested for "Bioavailable" Results

Basis: Dry

Samples: 601-__ 602-__ 603-__ 604-__ 605-__ 606-__ 607-__
608-__ 609-__ 610-__ 611-__ 612-__ 613-__ 614-__
615-__

Comments:

1 Metals in Solids by ICP

Lab: Region 7 ESAT Contract Lab (In-House)

Method: EPA Region 7 RLAB Method 3122.3C

Basis: Dry

Samples: 1-__ 2-__ 3-__ 4-__ 5-__ 6-__ 7-__
8-__ 9-__ 10-__ 11-__ 12-__ 13-__ 14-__
15-__ 16-__ 17-__ 18-__ 19-__ 20-__ 21-__
22-__ 23-__ 24-__ 25-__ 26-__ 27-__

Comments:
Antimony was J-coded in samples 3902 -1,-17. Although the analyte in question has been positively identified in the sample, the quantization is an estimate (J-coded) due to low recovery of this analyte in the laboratory matrix spike 39, 40, (75-101) and matrix spike duplicate 17, 22, (75-101). The actual concentration for this analyte may be higher than the reported value.

The Laboratory Control Samples were in control.

2 Metals in Solids by ICP

Lab: Region 7 ESAT Contract Lab (In-House)

Method: EPA Region 7 RLAB Method 3122.3C

Basis: Dry

Samples: 101-__ 102-__ 103-__ 104-__ 105-__ 106-__ 107-__
108-__ 109-__ 110-__ 111-__ 112-__ 113-__ 114-__
115-__ 116-__ 117-__ 118-__ 119-__ 120-__ 121-__
122-__ 123-__ 124-__ 125-__ 126-__ 127-__ 128-__
129-__ 130-__ 131-__ 132-__ 133-__ 134-__ 135-__
136-__ 137-__ 138-__ 139-__ 140-__ 141-__ 142-__

Analysis Comments About Results For This Analysis

Samples: 143-__ 144-__ 145-__ 146-__ 147-__ 148-__ 149-__ 150-__

Comments:

Calcium (184,163, 75-118), Magnesium (144, 139, 75-125), Manganese (365, 337, 75-125), and Sodium (426, 429, 82-113), were J-coded in sample 3902-101. Although the analytes in question have been positively identified in the sample, the quantitations are estimates (J-coded) due to high recovery of these analytes in the laboratory matrix spike. The actual concentrations for these analytes may be lower than these reported values.

Calcium (127, 75-118), Barium (4686, 4476, 75-125), Copper (143, 133, 75-118), and Lead (199, 186, 75-124) were J-coded in sample 3902-117. Although the analytes in question have been positively identified in the sample, the quantitations are estimate (J-coded) due to high recovery of these analytes in the laboratory matrix spike. The actual concentrations for these analytes may be lower than the reported value.

Aluminum (4291, 4341, 75-125), Calcium (154, 165, 75-118), Sodium (559, 517, 82-113), Lead (175, 184, 75-124), and Barium (379, 381 75-125), were J-coded in sample 3902-142. Although the analytes in question have been positively identified in the sample, the quantitation are estimates (J-coded) due to high recovery of these analytes in the laboratory matrix spike. The actual concentrations for these analytes may be lower than the reported value.

Antimony (55, 50, 75-101), Arsenic (38, 54, 75-125), Chromium (46, 46, 75-116), Copper (4, -3, 75-118), and Silver (68, 67, 75-118) were J-coded in sample 3902-101. Although the analytes in question have been positively identified in the sample, the quantitations are estimates (J-coded) due to low recovery of these analytes in the laboratory matrix spike. The actual concentrations for these analytes may be higher than the reported values.

Antimony (45, 46, 75-101), Cadmium (74, 74, 75-115), Molybdenum (42, 51, 75-106), Arsenic (63, 75-125), and Cobalt (50, 75-108) were J-coded in sample 3902-117. Although the analytes in question have been positively identified in the sample, the quantitations are estimates (J-coded) due to low recovery of these analytes in the laboratory matrix spike. The actual concentrations for these analytes may be higher than the reported values.

Antimony (49, 49, 75-101), Chromium (70, 69 75-116), Cobalt (70, 71, 75-108), Magnesium (50, 48, 75-125) Potassium (73, 74, 83-117), Nickel (70, 70, 75-114), and Vanadium (69, 70, 75-112) were J-coded in sample 3902-142. Although the analytes in question have been positively identified in the sample, the quantitations are estimates (J-coded) due to low recovery of these analytes in the laboratory matrix spike.

Beryllium (71, 73, 75-111), Cadmium (61, 61, 75-115), Molybdenum (69, 68, 75-106), Thallium (44, 44, 75-113), were UJ-coded in sample 3902-142. These analytes were not found in the sample at or above the reporting limits; however, the reporting limits are estimates (UJ-coded) due to low recovery of these analytes in the laboratory matrix spike. The actual reporting limit for these analytes may be higher than the reported values.

Cadmium (72, 70, 75-115), Thallium (70, 71, 75-113) and Molybdenum (59, 65, 75-106)

Analysis Comments About Results For This Analysis

were UJ-coded in sample 3902-101. These analytes were not found in the sample at or above the reporting limits; however, the reporting limits are estimates (UJ-coded) due to low recovery of these analytes in the laboratory matrix spike. The actual reporting limits for these analytes may be higher than the reported values.

Arsenic (18, 10) and Cobalt (19, 5.6), were J-coded in sample 3902,-101. Although the analytes in question have been positively identified in the sample, the quantitations are estimates (J-coded) due to poor precision obtained for these analytes in the laboratory matrix spike and matrix spike duplicate.

Cobalt (48, 5.6), Arsenic (27, 10), Sodium (8.8, 5.2) and Molybdenum (16, 9.0) were J-coded in sample 3902,-117. Although these analytes in question has been positively identified in the sample, the quantitations are estimates (J-coded) due to poor precision obtained for these analytes in the laboratory matrix spike and matrix spike duplicate.

Sodium was J-coded in sample 3902,-142. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to poor precision obtained for this analyte in the laboratory matrix spike and matrix spike duplicate.

1 Percent Solid

Lab: Region 7 ESAT Contract Lab (In-House)

Method: EPA Region 7 RLAB Method 3142.9E

Basis: N/A

Samples:							
	1-__	2-__	3-__	4-__	5-__	6-__	7-__
	8-__	9-__	10-__	11-__	12-__	13-__	14-__
	15-__	16-__	17-__	18-__	19-__	20-__	21-__
	22-__	23-__	24-__	25-__	26-__	27-__	601-__
	602-__	603-__	604-__	605-__	606-__	607-__	608-__
	609-__	610-__	611-__	612-__	613-__	614-__	615-__

Comments:
(N/A)

1 Metals in Wipe Samples by ICP

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3C for Wipe Samples

Samples:							
	201-__	202-__	203-__	204-__	205-__	206-__	207-__
	208-__	209-__	210-__	211-__	212-__	213-__	214-__
	215-__	216-__	217-__	218-__	219-__	220-__	221-__
	222-__	223-__	224-__	225-__	226-__	227-__	228-__
	229-__	230-__	231-__	232-__	233-__	234-__	235-__

Analysis Comments About Results For This Analysis

Samples: 236-__ 237-__ 238-__ 239-__ 240-__ 241-__ 242-__
243-__ 244-__ 245-__ 246-__ 247-__ 248-__ 249-__
250-__ 251-__ 252-__ 253-__ 254-__ 255-__ 256-__
257-__ 258-__ 259-__ 260-__ 261-__ 262-__ 263-__
264-__ 265-__ 266-__ 267-__ 268-__ 269-__ 270-__
271-__ 272-__ 273-__ 274-__ 275-__ 276-__ 277-__
278-__ 279-__ 280-__ 281-__ 282-__ 283-__ 284-__
285-__ 286-__ 287-__ 288-__ 289-__ 290-__ 291-__
292-__ 293-__ 294-__ 295-__ 296-__ 297-__ 298-__
299-__ 300-__ 301-__ 302-__ 303-__ 304-__ 305-__
306-__ 307-__ 308-__ 309-__ 310-__ 311-__ 312-__
313-__ 314-__ 315-__ 316-__ 317-__ 318-__ 319-__
320-__ 321-__ 322-__ 323-__ 324-__ 325-__ 326-__
327-__ 328-__ 329-__ 330-__ 331-__ 332-__ 333-__
334-__ 335-__ 336-__ 337-__ 338-__ 339-__ 340-__
341-__ 342-__ 343-__ 344-__ 345-__ 346-__ 347-__
348-__ 349-__ 350-__

Comments:
Lead was J-coded in sample 261. Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory matrix spike. 261MS(22,79), 261MSD(39,79) The actual concentration for this analyte may be higher than the reported value.

1 Metals in Water by ICP

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3C

Samples: 401-__ 402-__ 403-__ 404-__ 405-__ 406-__ 407-__
408-__ 409-__ 410-__ 411-__ 412-__ 413-__ 414-__
415-__ 416-__ 417-__ 418-__ 419-__ 420-__ 421-FB
422-FB

Comments:
Sample 403 was determined to be improperly preserved when checked in the laboratory. Therefore, the sample was acidified with 2 mL of nitric acid and allowed to sit for 24 hours. The subsequent pH check indicated a pH less than 2.

1 Metals in Water by ICP/MS

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3123.1B

Samples: 501-__ 502-__ 503-__ 504-__ 505-__ 506-__ 507-__
508-__ 509-__ 510-__ 511-__ 512-__ 513-__ 514-__

Comments:

Analysis	Comments About Results For This Analysis

2 Metals in Water by ICP/MS

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3123.1B

Samples: 401-__ 402-__ 403-__ 404-__ 405-__ 406-__ 407-__
408-__ 409-__ 410-__ 411-__ 412-__ 413-__ 414-__
415-__ 416-__ 417-__ 418-__ 419-__ 420-__ 421-FB
422-FB

Comments:
(N/A)

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Aluminum	mg/kg	8670	14000	5770	9750
Antimony	mg/kg	4.0 J	11.3	23.3	2.0 U
Arsenic	mg/kg	7.5	11.1	6.0	5.7
Barium	mg/kg	612	510	940	278
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	2.9	10.1	11.6	2.2
Calcium	mg/kg	12200	41400	86500	3780
Chromium	mg/kg	16.9	10.1	2.0 U	13.1
Cobalt	mg/kg	9.0	12.3	34.9	11.1
Copper	mg/kg	52.8	77.1	169	24.0
Iron	mg/kg	15700	19300	21700	14000
Lead	mg/kg	6610	656	4630	282
Magnesium	mg/kg	4520	21200	40200	1280
Manganese	mg/kg	1240	1070	2570	1310
Molybdenum	mg/kg	2.1 U	2.1 U	2.0 U	2.0 U
Nickel	mg/kg	15.9	20.3	25.6	14.8
Potassium	mg/kg	1390	1850	798	1100
Selenium	mg/kg	10.3 U	10.4 U	10.0 U	10.2 U
Silver	mg/kg	2.1 U	2.1 U	2.0 U	2.0 U
Sodium	mg/kg	51.5 U	85.3	93.4	51.0 U
Thallium	mg/kg	10.3 U	10.4 U	10.0 U	10.2 U
Vanadium	mg/kg	25.0	39.9	9.8	25.7
Zinc	mg/kg	903	9250	672	449
1 Percent Solid					
Solids, percent	%	97.4	96.4	99.1	97.1

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Aluminum	mg/kg	9200	9990	10800	13000
Antimony	mg/kg	6.7	2.0 U	2.0 U	5.5
Arsenic	mg/kg	11.5	6.0	5.1 U	5.2 U
Barium	mg/kg	1400	1460	1240	576
Beryllium	mg/kg	1.1 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	8.6	1.0 U	1.0 U	2.3
Calcium	mg/kg	24300	2350	3570	21500
Chromium	mg/kg	21.2	14.0	11.2	12.3
Cobalt	mg/kg	12.8	12.3	10.5	11.7
Copper	mg/kg	101	17.9	15.6	28.1
Iron	mg/kg	27200	16400	13300	17000
Lead	mg/kg	2500	813	574	682
Magnesium	mg/kg	9200	1350	1750	9670
Manganese	mg/kg	812	1140	988	1130
Molybdenum	mg/kg	2.1 U	2.0 U	2.0 U	2.1 U
Nickel	mg/kg	25.5	12.1	11.2	15.4
Potassium	mg/kg	1260	1340	953	1250
Selenium	mg/kg	10.7 U	10.2 U	10.2 U	10.4 U
Silver	mg/kg	2.1 U	2.0 U	2.0 U	2.1 U
Sodium	mg/kg	174	51.0 U	51.0 U	52.0 U
Thallium	mg/kg	10.7 U	10.2 U	10.2 U	10.4 U
Vanadium	mg/kg	27.1	30.5	26.2	31.1
Zinc	mg/kg	1420	136	59.4	432
1 Percent Solid					
Solids, percent	%	92.9	98.4	98.1	96.1

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Aluminum	mg/kg	12000	10700	11000	13000
Antimony	mg/kg	3.7	2.0 U	2.2 U	2.1 U
Arsenic	mg/kg	5.5 U	9.98	8.0	9.1
Barium	mg/kg	4520	3440	1500	430
Beryllium	mg/kg	1.1 U	1.0 U	1.1 U	1.0 U
Cadmium	mg/kg	1.1	12.2	1.1 U	1.0 U
Calcium	mg/kg	14800	9350	5750	3360
Chromium	mg/kg	9.1	10.0	15.4	15.2
Cobalt	mg/kg	9.3	11.9	13.3	6.4
Copper	mg/kg	16.8	24.4	33.2	27.0
Iron	mg/kg	14200	14300	16500	16800
Lead	mg/kg	447	1140	140	611
Magnesium	mg/kg	8410	3970	1680	2150
Manganese	mg/kg	962	1010	1450	755
Molybdenum	mg/kg	2.2 U	2.0 U	2.4	2.1 U
Nickel	mg/kg	12.1	13.1	17.6	11.3
Potassium	mg/kg	1130	1140	1390	782
Selenium	mg/kg	11.0 U	10.1 U	11.0 U	10.3 U
Silver	mg/kg	2.2 U	2.0 U	2.2 U	2.1 U
Sodium	mg/kg	55.0 U	50.5 U	55.0 U	51.5 U
Thallium	mg/kg	11.0 U	10.1 U	11.0 U	10.3 U
Vanadium	mg/kg	29.6	24.1	28.1	44.5
Zinc	mg/kg	177	1030	462	192
1 Percent Solid					
Solids, percent	%	90.8	98.9	90.9	97.2

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Aluminum	mg/kg	11000	12000	18200	21600
Antimony	mg/kg	9.5	4.7	3.2	17.2
Arsenic	mg/kg	9.3	11.3	25.0	8.3
Barium	mg/kg	584	443	602	854
Beryllium	mg/kg	1.0 U	1.1 U	1.1 U	1.1 U
Cadmium	mg/kg	1.2	1.1 U	8.1	1.7
Calcium	mg/kg	32100	16900	11400	64600
Chromium	mg/kg	11.7	12.9	19.7	7.5
Cobalt	mg/kg	5.3	16.3	11.6	5.8
Copper	mg/kg	42.7	57.0	64.3	28.2
Iron	mg/kg	21700	18300	39100	22000
Lead	mg/kg	706	849	1230	1130
Magnesium	mg/kg	17500	7780	6860	35600
Manganese	mg/kg	515	1600	685	720
Molybdenum	mg/kg	2.1 U	3.8	3.2	6.4
Nickel	mg/kg	14.7	18.2	23.8	19.1
Potassium	mg/kg	1030	1430	1800	2260
Selenium	mg/kg	10.3 U	11.2 U	11.0 U	10.6 U
Silver	mg/kg	2.1 U	2.2 U	2.2 U	2.1 U
Sodium	mg/kg	65.7	56.0 U	55.0 U	113
Thallium	mg/kg	10.3 U	11.2 U	11.0 U	10.6 U
Vanadium	mg/kg	31.3	41.0	59.3	40.1
Zinc	mg/kg	748	367	1150	300
1 Percent Solid					
Solids, percent	%	97.3	89.5	90.7	94.4

Analysis/ Analyte	Units	17-__	18-__	19-__	20-__
1 Metals in Solids by ICP					
Aluminum	mg/kg	22200	10800	20900	8210
Antimony	mg/kg	4.1 J	2.6	15.9	11.5
Arsenic	mg/kg	17.2	5.7	11.4	6.5
Barium	mg/kg	391	826	322	312
Beryllium	mg/kg	1.1 U	1.0 U	1.1 U	1.0 U
Cadmium	mg/kg	3.4	2.7	1.1 U	5.5
Calcium	mg/kg	15600	11000	58600	39900
Chromium	mg/kg	23.7	10.2	11.7	6.8
Cobalt	mg/kg	7.2	13.8	11.5	17.8
Copper	mg/kg	46.5	34.6	24.4	64.4
Iron	mg/kg	32100	16200	22700	19100
Lead	mg/kg	1130	850	755	1370
Magnesium	mg/kg	9180	5910	33400	19400
Manganese	mg/kg	611	1070	644	1580
Molybdenum	mg/kg	2.1 U	2.1 U	3.2	6.4
Nickel	mg/kg	19.9	17.7	18.3	21.1
Potassium	mg/kg	1080	1340	1100	1120
Selenium	mg/kg	10.7 U	10.4 U	10.8 U	10.4 U
Silver	mg/kg	2.1 U	2.1 U	2.2 U	2.1 U
Sodium	mg/kg	53.5 U	52.0 U	134	63.1
Thallium	mg/kg	10.7 U	10.4 U	10.8 U	10.4 U
Vanadium	mg/kg	60.4	22.5	47.2	17.3
Zinc	mg/kg	633	231	110	342
1 Percent Solid					
Solids, percent	%	93.9	96.2	92.4	96.1

Analysis/ Analyte	Units	21-__	22-__	23-__	24-__
1 Metals in Solids by ICP					
Aluminum	mg/kg	12100	11700	16300	18500
Antimony	mg/kg	10.4	2.0 U	2.1 U	3.5
Arsenic	mg/kg	12.4	15.3	9.4	12.2
Barium	mg/kg	942	235	447	1010
Beryllium	mg/kg	1.2 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	6.0	4.4	5.0	5.1
Calcium	mg/kg	36100	8500	6100	14300
Chromium	mg/kg	15.4	17.7	19.6	18.6
Cobalt	mg/kg	15.3	12.8	10.0	9.8
Copper	mg/kg	80.9	33.3	35.6	36.5
Iron	mg/kg	25100	24200	30800	32300
Lead	mg/kg	915	1180	746	970
Magnesium	mg/kg	18000	4130	3330	7800
Manganese	mg/kg	1450	833	821	748
Molybdenum	mg/kg	2.4 U	2.0 U	2.1 U	3.9
Nickel	mg/kg	21.1	16.6	17.9	19.4
Potassium	mg/kg	1730	958	1150	2120
Selenium	mg/kg	11.8 U	10.2 U	10.4 U	10.2 U
Silver	mg/kg	2.4 U	2.0 U	2.1 U	2.0 U
Sodium	mg/kg	88.5	51.0 U	52.0 U	51.0 U
Thallium	mg/kg	11.8 U	10.2 U	10.4 U	10.2 U
Vanadium	mg/kg	40.4	34.0	36.4	57.5
Zinc	mg/kg	1230	426	361	337
1 Percent Solid					
Solids, percent	%	84.0	97.6	96.3	98.5

Analysis/ Analyte	Units	25-__	26-__	27-__	101-__
1 Metals in Solids by ICP					
Aluminum	mg/kg	9280	12200	5780	
Antimony	mg/kg	5.8	4.3	6.2	
Arsenic	mg/kg	5.2 U	5.9	5.3 U	
Barium	mg/kg	1490	4690	1410	
Beryllium	mg/kg	1.0 U	1.1 U	1.1 U	
Cadmium	mg/kg	4.9	1.6	3.3	
Calcium	mg/kg	23800	16500	24800	
Chromium	mg/kg	7.3	11.1	7.3	
Cobalt	mg/kg	17.6	5.0	14.3	
Copper	mg/kg	81.8	27.1	44.5	
Iron	mg/kg	20500	19900	16100	
Lead	mg/kg	3100	459	1260	
Magnesium	mg/kg	11600	4240	12300	
Manganese	mg/kg	1190	754	1280	
Molybdenum	mg/kg	2.1 U	2.1 U	4.2	
Nickel	mg/kg	19.2	14.6	12.8	
Potassium	mg/kg	891	1590	826	
Selenium	mg/kg	10.3 U	10.6 U	10.6 U	
Silver	mg/kg	2.1 U	2.1 U	2.1 U	
Sodium	mg/kg	51.5 U	53.0 U	87.1	
Thallium	mg/kg	10.3 U	10.6 U	10.6 U	
Vanadium	mg/kg	18.6	24.5	15.9	
Zinc	mg/kg	249	101	181	
2 Metals in Solids by ICP					
Aluminum	mg/kg				3170
Antimony	mg/kg				5.8 J
Arsenic	mg/kg				42.1 J
Barium	mg/kg				1130
Beryllium	mg/kg				1.0 U
Cadmium	mg/kg				1.0 UJ
Calcium	mg/kg				18500 J
Chromium	mg/kg				47.0 J
Cobalt	mg/kg				2.1 J
Copper	mg/kg				131 J
Iron	mg/kg				3210
Lead	mg/kg				64.9
Magnesium	mg/kg				5820 J
Manganese	mg/kg				197 J
Molybdenum	mg/kg				10.0 UJ
Nickel	mg/kg				12.2
Potassium	mg/kg				4620
Selenium	mg/kg				4.6 U
Silver	mg/kg				4.2 J
Sodium	mg/kg				10900 J
Thallium	mg/kg				10.0 UJ

Analysis/ Analyte	Units	25-__	26-__	27-__	101-__
Vanadium	mg/kg				5.0 U
Zinc	mg/kg				1610
1 Percent Solid					
Solids, percent	%	97.4	94.0	94.3	

Analysis/ Analyte	Units	102-__	103-__	104-__	105-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	6010	4460	12400	3340
Antimony	mg/kg	6.6	3.4	5.3	6.9
Arsenic	mg/kg	5.0 U	5.7	5.0 U	26.5
Barium	mg/kg	53.1	60.6	91.0	75.3
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.8	2.1	1.0 U	1.0 U
Calcium	mg/kg	22800	9910	14700	21700
Chromium	mg/kg	8.4	34.7	16.6	44.8
Cobalt	mg/kg	4.7	22.5	4.0	4.4
Copper	mg/kg	21.0	86.7	46.6	349
Iron	mg/kg	3460	2690	1180	6230
Lead	mg/kg	20.8	53.5	79.1	138
Magnesium	mg/kg	13200	5460	6060	9860
Manganese	mg/kg	498	257	127	222
Molybdenum	mg/kg	2.0 U	10.0 U	10.0 U	4.9
Nickel	mg/kg	14.3	8.9	7.1	28.1
Potassium	mg/kg	6400	2130	4500	2300
Selenium	mg/kg	10.0 U	2.7	4.2	10.0 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	4.1
Sodium	mg/kg	50000	4350	8320	70900
Thallium	mg/kg	10.0 U	10.0 U	10.0 U	10.0 U
Vanadium	mg/kg	10.0	5.8	5.0 U	7.8
Zinc	mg/kg	293	852	1650	635

Analysis/ Analyte	Units	106-__	107-__	108-__	109-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	8380	11400	4900	4010
Antimony	mg/kg	3.0	4.7	9.0	11.3
Arsenic	mg/kg	5.0 U	8.0	5.0 U	5.0 U
Barium	mg/kg	192	4730	255	2780
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	2.6	1.63	4.3	2.8
Calcium	mg/kg	11700	16200	26400	32700
Chromium	mg/kg	53.5	14.7	22.1	20.0
Cobalt	mg/kg	95.5	8.2	5.1	6.08
Copper	mg/kg	152	86.6	84.7	83.1
Iron	mg/kg	2760	12800	3790	7030
Lead	mg/kg	94.6	336	58.5	581
Magnesium	mg/kg	4750	5400	12900	10500
Manganese	mg/kg	322	761	392	414
Molybdenum	mg/kg	117	2.0 U	3.1	2.0 U
Nickel	mg/kg	28.0	16.2	18.1	24.2
Potassium	mg/kg	2320	4600	3080	3770
Selenium	mg/kg	10.0 U	10.0 U	10.0 U	10.0 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	mg/kg	9740	7320	4220	7830
Thallium	mg/kg	10.0 U	10.0 U	10.0 U	10.0 U
Vanadium	mg/kg	10.1	27.7	10.0	6.7
Zinc	mg/kg	500	4450	1120	3350

Analysis/ Analyte	Units	110-__	111-__	112-__	113-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	6490	4820	9890	4580
Antimony	mg/kg	16.4	2.8	13.2	4.1
Arsenic	mg/kg	6.1	20.0	5.0 U	16.6
Barium	mg/kg	2660	108	209	54.8
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.0 U	1.9	2.6	3.6
Calcium	mg/kg	52600	10300	44900	12100
Chromium	mg/kg	21.1	65.0	15.2	38.6
Cobalt	mg/kg	3.9	3.2	5.6	4.9
Copper	mg/kg	121	50.3	377	66.1
Iron	mg/kg	9220	4170	4240	6500
Lead	mg/kg	419	13.2	64.7	113
Magnesium	mg/kg	16200	5720	7940	4970
Manganese	mg/kg	466	153	507	392
Molybdenum	mg/kg	2.0 U	3.23	2.0 U	2.0 U
Nickel	mg/kg	20.0	10.3	23.8	22.1
Potassium	mg/kg	2160	2860	2440	4580
Selenium	mg/kg	10.0 U	5.11	2.5	1.0
Silver	mg/kg	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	mg/kg	2700	13600	11100	27500
Thallium	mg/kg	10.0 U	10.0 U	10.0 U	10.0 U
Vanadium	mg/kg	16.1	5.4	6.2	8.0
Zinc	mg/kg	437	515	868	486

Analysis/ Analyte	Units	114-__	115-__	116-__	117-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	4470	6750	2410	6030
Antimony	mg/kg	8.0	3.0	3.8	4.6 J
Arsenic	mg/kg	14.6	25.0	8.9	9.6 J
Barium	mg/kg	457	78.6	39.9	164 J
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.8	2.9	1.0 U	1.9 J
Calcium	mg/kg	25800	10500	7910	15100 J
Chromium	mg/kg	29.6	65.7	15.9	30.3
Cobalt	mg/kg	6.2	5.0	1.5	5.0 J
Copper	mg/kg	143	102	42.5	47.0 J
Iron	mg/kg	12500	3250	2200	4550
Lead	mg/kg	578	51.0	40.0	107 J
Magnesium	mg/kg	7140	5180	1870	5920
Manganese	mg/kg	378	208	104	393
Molybdenum	mg/kg	2.0 U	6.7	2.0 U	7.62 J
Nickel	mg/kg	24.9	12.4	7.8	10.0
Potassium	mg/kg	3590	4000	2780	2590
Selenium	mg/kg	6.85	2.6	10.0 U	10.0 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	mg/kg	19000	8650	254000	5700 J
Thallium	mg/kg	10.0 U	10.0 U	10.0 U	10.0 U
Vanadium	mg/kg	12.3	7.4	5.0 U	10.6
Zinc	mg/kg	928	787	233	671

Analysis/ Analyte	Units	118-__	119-__	120-__	121-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	6480	3120	3540	13.0
Antimony	mg/kg	5.2	5.5	5.1	17.2
Arsenic	mg/kg	5.0 U	4.9 U	4.8 U	4.8 U
Barium	mg/kg	121	1790	247	117
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	2.5	1.0 U	1.5	1.0 U
Calcium	mg/kg	17200	18000	13300	58600
Chromium	mg/kg	10.4	11.8	11.0	1.9 U
Cobalt	mg/kg	5.7	4.0	3.1	4.6
Copper	mg/kg	44.7	80.3	42.9	10.8
Iron	mg/kg	2710	4490	1470	43.3
Lead	mg/kg	126	105	25.2	4.8 U
Magnesium	mg/kg	8960	5930	3770	40700
Manganese	mg/kg	331	264	243	170
Molybdenum	mg/kg	6.87	4.48	5.13	7.12
Nickel	mg/kg	11.4	13.3	8.4	2.0 U
Potassium	mg/kg	4170	3420	3110	2360
Selenium	mg/kg	10.0 U	10.0 U	9.6 U	9.6 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	1.9 U
Sodium	mg/kg	9410	11200	74200	19000
Thallium	mg/kg	10.0 U	10.0 U	9.6 U	9.6 U
Vanadium	mg/kg	8.5	6.7	6.2	4.8 U
Zinc	mg/kg	694	498	220	51.3

Analysis/ Analyte	Units	122-__	123-__	124-__	125-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	2290	4930	5640	6550
Antimony	mg/kg	39.9	6.7	8.5	9.6
Arsenic	mg/kg	5.0 U	5.0 U	5.0 U	5.9
Barium	mg/kg	187	244	118	832
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.9	5.5	7.8	1.4
Calcium	mg/kg	18800	15200	20700	33400
Chromium	mg/kg	17.1	41.4	46.3	15.6
Cobalt	mg/kg	5.7	4.3	9.4	5.8
Copper	mg/kg	58.5	175	349	177
Iron	mg/kg	2630	6270	10900	11800
Lead	mg/kg	15.0	64.0	82.5	356
Magnesium	mg/kg	8200	7380	7730	7940
Manganese	mg/kg	360	331	345	544
Molybdenum	mg/kg	4.79	6.55	2.24	4.74
Nickel	mg/kg	16.8	26.3	51.1	20.1
Potassium	mg/kg	2190	3370	3590	2400
Selenium	mg/kg	9.9 U	10.0 U	10.0 U	9.7 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	mg/kg	3270	4560	5300	3570
Thallium	mg/kg	9.9 U	10.0 U	10.0 U	9.7 U
Vanadium	mg/kg	8.4	5.4	9.2	16.4
Zinc	mg/kg	516	1010	766	812

Analysis/ Analyte	Units	126-__	127-__	128-__	129-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	3180	2220	1160	9790
Antimony	mg/kg	10.5	8.1	4.6	4.3
Arsenic	mg/kg	4.9 U	108	5.0 U	6.1
Barium	mg/kg	2940	43.2	444	116
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.0 U	1.0 U	1.0 U	5.5
Calcium	mg/kg	36600	11900	13000	14000
Chromium	mg/kg	12.2	135	5.2	49.1
Cobalt	mg/kg	4.2	1.6	1.6	6.1
Copper	mg/kg	55.2	111	36.4	112
Iron	mg/kg	7050	1130	1510	13300
Lead	mg/kg	276	13.8	65.2	334
Magnesium	mg/kg	16600	5880	3060	5070
Manganese	mg/kg	465	138	89.6	338
Molybdenum	mg/kg	4.30	5.62	2.00 U	5.51
Nickel	mg/kg	21.9	12.3	6.3	29.9
Potassium	mg/kg	2390	9740	3030	5240
Selenium	mg/kg	9.8 U	10.0 U	10.0 U	10.0 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	2.00 U
Sodium	mg/kg	4090	27800	26000	6970
Thallium	mg/kg	9.8 U	10.0 U	10.0 U	10.0 U
Vanadium	mg/kg	12.8	5.3	5.0 U	24.0
Zinc	mg/kg	400	461	353	940

Analysis/ Analyte	Units	130-__	131-__	132-__	133-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	6480	4670	4060	3480
Antimony	mg/kg	8.1	5.5	11.7	8.1
Arsenic	mg/kg	5.0 U	5.0 U	15.2	5.0 U
Barium	mg/kg	2700	53.3	151	129
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	5.1	1.2	1.0 U	3.2
Calcium	mg/kg	27200	15100	38800	11600
Chromium	mg/kg	36.8	23.0	7.8	24.6
Cobalt	mg/kg	5.67	2.1	3.1	10.9
Copper	mg/kg	122	247	71.4	129
Iron	mg/kg	18900	1770	5080	6910
Lead	mg/kg	230	20.4	125	22.6
Magnesium	mg/kg	9190	7690	11700	11300
Manganese	mg/kg	401	132	256	287
Molybdenum	mg/kg	7.32	2.0 U	2.0 U	3.1
Nickel	mg/kg	33.9	12.9	15.3	19.0
Potassium	mg/kg	3590	17000	2410	3560
Selenium	mg/kg	9.9 U	9.9 U	9.9 U	10.0 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	mg/kg	4110	28600	79900	8540
Thallium	mg/kg	9.9 U	9.9 U	9.9 U	10.0 U
Vanadium	mg/kg	10.0	6.0	5.0 U	7.8
Zinc	mg/kg	644	843	464	2640

Analysis/ Analyte	Units	134-__	135-__	136-__	137-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	3480	2630	5970	17800
Antimony	mg/kg	6.9	11.7	5.7	205
Arsenic	mg/kg	5.0 U	5.0 U	42.1	7.1
Barium	mg/kg	137	300	38.9	474
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.3	1.0 U	2.6	1.9
Calcium	mg/kg	12900	38600	17800	40400
Chromium	mg/kg	4.5	2.4	59.5	20.9
Cobalt	mg/kg	2.6	2.2	2.2	5.4
Copper	mg/kg	36.7	63.7	111	248
Iron	mg/kg	1860	4400	6450	6150
Lead	mg/kg	25.1	113	78.2	110
Magnesium	mg/kg	7900	6420	6840	9310
Manganese	mg/kg	128	159	340	413
Molybdenum	mg/kg	3.3	2.0 U	5.2	3.5
Nickel	mg/kg	13.2	8.9	11.8	14.4
Potassium	mg/kg	3050	4010	6930	3440
Selenium	mg/kg	10.0 U	10.0 U	10.0 U	9.9 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	mg/kg	5240	26200	40900	6490
Thallium	mg/kg	10.0 U	10.0 U	10.0 U	9.9 U
Vanadium	mg/kg	5.0 U	5.0 U	11.9	12.8
Zinc	mg/kg	428	562	630	554

Analysis/ Analyte	Units	138-__	139-__	140-__	141-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	3920	8140	3320	4960
Antimony	mg/kg	6.4	42.0	7.6	7.2
Arsenic	mg/kg	5.0 U	5.0 U	5.0 U	28.9
Barium	mg/kg	122	284	3220	2970
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.5	8.1	1.6	1.0 U
Calcium	mg/kg	20000	43900	22600	24300
Chromium	mg/kg	6.5	67.9	23.8	30.3
Cobalt	mg/kg	2.8	6.7	1.0 U	3.3
Copper	mg/kg	63.8	141	102	92.4
Iron	mg/kg	3230	3820	4950	7550
Lead	mg/kg	51.6	80.2	152	179
Magnesium	mg/kg	8410	10800	5980	8390
Manganese	mg/kg	233	543	632	415
Molybdenum	mg/kg	5.0	4.7	4.2	2.0 U
Nickel	mg/kg	12.5	73.9	18.8	12.3
Potassium	mg/kg	3100	4200	3340	2720
Selenium	mg/kg	9.9 U	9.9 U	10.0 U	9.7 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	1.9 U
Sodium	mg/kg	14300	15500	8540	8550
Thallium	mg/kg	9.9 U	9.9 U	10.0 U	9.7 U
Vanadium	mg/kg	6.7	5.0 U	6.9	8.2
Zinc	mg/kg	477	968	780	607

Analysis/ Analyte	Units	142-__	143-__	144-__	145-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	59.3 J	4720	2090	2060
Antimony	mg/kg	6.1 J	4.1	12.2	7.5
Arsenic	mg/kg	4.6	5.0 U	4.8 U	5.0 U
Barium	mg/kg	103 J	141	141	26.0
Beryllium	mg/kg	1.0 UJ	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.0 UJ	1.0 U	1.0 U	1.4
Calcium	mg/kg	15700 J	9290	42500	20100
Chromium	mg/kg	15.4 J	21.0	2.0 U	21.9
Cobalt	mg/kg	3.5 J	2.6	2.8	1.3
Copper	mg/kg	33.5	40.8	32.5	89.1
Iron	mg/kg	4560	2810	124	4500
Lead	mg/kg	21.0 J	9.7	12.2	134
Magnesium	mg/kg	11700 J	8310	29800	5420
Manganese	mg/kg	261	242	294	285
Molybdenum	mg/kg	2.0 UJ	2.0 U	2.0 U	3.6
Nickel	mg/kg	14.5 J	13.8	11.6	18.6
Potassium	mg/kg	3600 J	3210	5610	2990
Selenium	mg/kg	10.0 U	10.0 U	9.6 U	10.0 U
Silver	mg/kg	2.0 U	2.0 U	1.9 U	2.0 U
Sodium	mg/kg	850 J	20800	7280	17600
Thallium	mg/kg	10.0 UJ	10.0 U	9.6 U	10.0 U
Vanadium	mg/kg	11.5 J	8.4	4.8 U	6.7
Zinc	mg/kg	566	582	456	396

Analysis/ Analyte	Units	146-__	147-__	148-__	149-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	2400	7690	3860	4950
Antimony	mg/kg	5.6	6.2	4.2	7.1
Arsenic	mg/kg	5.0 U	5.0 U	5.0 U	9.4
Barium	mg/kg	216	19.8 U	182	200
Beryllium	mg/kg	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	mg/kg	1.0 U	3.1	3.7	2.3
Calcium	mg/kg	14900	20700	11900	14100
Chromium	mg/kg	12.5	12.4	30.4	32.8
Cobalt	mg/kg	1.4	5.7	3.6	3.5
Copper	mg/kg	28.9	60.8	115	54.7
Iron	mg/kg	2230	7720	5680	3910
Lead	mg/kg	24.8	159	36.0	23.3
Magnesium	mg/kg	5310	7500	9450	7340
Manganese	mg/kg	111	542	158	459
Molybdenum	mg/kg	5.5	2.0 U	2.0 U	2.0 U
Nickel	mg/kg	9.7	15.7	18.3	16.6
Potassium	mg/kg	2180	3560	2750	10400
Selenium	mg/kg	10.0 U	9.9 U	10.0 U	9.9 U
Silver	mg/kg	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	mg/kg	192000	91700	8030	12400
Thallium	mg/kg	10.0 U	9.9 U	10.0 U	9.9 U
Vanadium	mg/kg	5.0 U	17.3	11.3	23.3
Zinc	mg/kg	241	443	702	715

Analysis/ Analyte	Units	150-__	201-__	202-__	203-__
2 Metals in Solids by ICP					
Aluminum	mg/kg	5130			
Antimony	mg/kg	13.0			
Arsenic	mg/kg	5.0 U			
Barium	mg/kg	282			
Beryllium	mg/kg	1.0 U			
Cadmium	mg/kg	1.7			
Calcium	mg/kg	40600			
Chromium	mg/kg	2.0 U			
Cobalt	mg/kg	4.3			
Copper	mg/kg	174			
Iron	mg/kg	162			
Lead	mg/kg	20.7			
Magnesium	mg/kg	22900			
Manganese	mg/kg	276			
Molybdenum	mg/kg	3.1			
Nickel	mg/kg	54.9			
Potassium	mg/kg	3700			
Selenium	mg/kg	10.0 U			
Silver	mg/kg	2.0 U			
Sodium	mg/kg	7310			
Thallium	mg/kg	10.0 U			
Vanadium	mg/kg	5.0 U			
Zinc	mg/kg	581			
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2		0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	204-__	205-__	206-__	207-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	208-__	209-__	210-__	211-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.006	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	212-__	213-__	214-__	215-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	216-__	217-__	218-__	219-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.011

Analysis/ Analyte	Units	220-__	221-__	222-__	223-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.006	0.011	0.005 U	0.005 U

Analysis/ Analyte	Units	224-__	225-__	226-__	227-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.010	0.005 U	0.005 U

Analysis/ Analyte	Units	228-__	229-__	230-__	231-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.011	0.111	0.007	0.005 U

Analysis/ Analyte	Units	232-__	233-__	234-__	235-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	236-__	237-__	238-__	239-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	240-__	241-__	242-__	243-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.011	0.007	0.005 U

Analysis/ Analyte	Units	244-__	245-__	246-__	247-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.006	0.005 U	0.005 U

Analysis/ Analyte	Units	248-__	249-__	250-__	251-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	252-__	253-__	254-__	255-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.014	0.008	0.005 U	0.005 U

Analysis/ Analyte	Units	256-__	257-__	258-__	259-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	260-__	261-__	262-__	263-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.051 J	0.095	0.090

Analysis/ Analyte	Units	264-__	265-__	266-__	267-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.045	0.060	0.188	0.035

Analysis/ Analyte	Units	268-__	269-__	270-__	271-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.010	0.008	0.018	0.163

Analysis/ Analyte	Units	272-__	273-__	274-__	275-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.026	0.780	0.084	0.066

Analysis/ Analyte	Units	276-__	277-__	278-__	279-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.149	0.111	0.111	0.141

Analysis/ Analyte	Units	280-__	281-__	282-__	283-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.034	0.011	0.005 U	0.005 U

Analysis/ Analyte	Units	284-__	285-__	286-__	287-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.031	0.005 U

Analysis/ Analyte	Units	288-__	289-__	290-__	291-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.009

Analysis/ Analyte	Units	292-__	293-__	294-__	295-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	296-__	297-__	298-__	299-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	300-__	301-__	302-__	303-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.011 U	0.005 U	0.005 U

Analysis/ Analyte	Units	304-__	305-__	306-__	307-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	308-__	309-__	310-__	311-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	312-__	313-__	314-__	315-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	316-__	317-__	318-__	319-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	320-__	321-__	322-__	323-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.011 U	0.005 U	0.005 U

Analysis/ Analyte	Units	324-__	325-__	326-__	327-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	328-__	329-__	330-__	331-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	332-__	333-__	334-__	335-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	336-__	337-__	338-__	339-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	340-__	341-__	342-__	343-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.011 U	0.005 U	0.005 U

Analysis/ Analyte	Units	344-__	345-__	346-__	347-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	0.005 U

Analysis/ Analyte	Units	348-__	349-__	350-__	401-__
1 Metals in Wipe Samples by ICP					
Lead	ug/cm2	0.005 U	0.005 U	0.005 U	
1 Metals in Water by ICP					
Aluminum	ug/L				50 U
Antimony	ug/L				50 U
Arsenic	ug/L				25 UJ
Barium	ug/L				78
Beryllium	ug/L				3 U
Cadmium	ug/L				4
Calcium	mg/L				54.7
Chromium	ug/L				15 U
Cobalt	ug/L				10 U
Copper	ug/L				19
Iron	ug/L				50 U
Lead	ug/L				50 U
Magnesium	mg/L				30.1
Manganese	ug/L				5 U
Molybdenum	ug/L				15 U
Nickel	ug/L				20 U
Potassium	mg/L				2.00 U
Selenium	ug/L				50 U
Silver	ug/L				25 U
Sodium	mg/L				8.42
Thallium	ug/L				50 UJ
Titanium	ug/L				20 U
Vanadium	ug/L				10 U
Zinc	ug/L				55
2 Metals in Water by ICP/MS					
Lead	ug/L				1.2

Analysis/ Analyte	Units	402-__	403-__	404-__	405-__
1 Metals in Water by ICP					
Aluminum	ug/L	50 U	50 U	50 U	50 U
Antimony	ug/L	50 U	50 U	50 U	50 U
Arsenic	ug/L	25 U	25 U	25 U	25 U
Barium	ug/L	85	235	827	126
Beryllium	ug/L	3 U	3 U	3 U	3 U
Cadmium	ug/L	3	3 U	6	3
Calcium	mg/L	57.4	65.3	67.3	63.5
Chromium	ug/L	15 U	15 U	15 U	15 U
Cobalt	ug/L	10 U	10 U	10 U	10 U
Copper	ug/L	8	12	9	22
Iron	ug/L	420	50 U	50 U	50 U
Lead	ug/L	50 U	50 U	50 U	50 U
Magnesium	mg/L	31.9	35.9	39.2	39.6
Manganese	ug/L	5 U	10	5 U	5 U
Molybdenum	ug/L	15 U	15 U	15 U	15 U
Nickel	ug/L	20 U	20 U	20 U	20 U
Potassium	mg/L	2.00 U	2.00 U	2.00 U	2.00 U
Selenium	ug/L	50 U	50 U	50 U	50 U
Silver	ug/L	25 U	25 U	25 U	25 U
Sodium	mg/L	8.48	5.00 U	6.14	5.87
Thallium	ug/L	50 U	50 U	50 U	50 U
Titanium	ug/L	20 U	20 U	20 U	20 U
Vanadium	ug/L	10 U	10 U	10 U	10 U
Zinc	ug/L	58	90	340	114
2 Metals in Water by ICP/MS					
Lead	ug/L	5.7	12.0	8.8	2.2

Analysis/ Analyte	Units	406-__	407-__	408-__	409-__
1 Metals in Water by ICP					
Aluminum	ug/L	50 U	50 U	50 U	50 U
Antimony	ug/L	50 U	50 U	50 U	50 U
Arsenic	ug/L	25 U	25 U	25 U	25 U
Barium	ug/L	641	84	500	1230
Beryllium	ug/L	3 U	3 U	3 U	3 U
Cadmium	ug/L	5	3	4	3
Calcium	mg/L	91.4	57.7	73.5	61.0
Chromium	ug/L	15 U	15 U	15 U	15 U
Cobalt	ug/L	10 U	10 U	10 U	10 U
Copper	ug/L	7	14	5 U	5 U
Iron	ug/L	50 U	50 U	184	50 U
Lead	ug/L	50 U	50 U	50 U	50 U
Magnesium	mg/L	52.8	31.8	41.3	36.2
Manganese	ug/L	5 U	5 U	5 U	5 U
Molybdenum	ug/L	15 U	15 U	15 U	15 U
Nickel	ug/L	20 U	20 U	20 U	20 U
Potassium	mg/L	2.00 U	2.00 U	2.00 U	2.00 U
Selenium	ug/L	50 U	50 U	50 U	50 U
Silver	ug/L	25 U	25 U	25 U	25 U
Sodium	mg/L	33.9	7.61	31.3	5.00 U
Thallium	ug/L	50 U	50 U	50 U	50 U
Titanium	ug/L	20 U	20 U	20 U	20 U
Vanadium	ug/L	10 U	10 U	10 U	10 U
Zinc	ug/L	452	70	232	52
2 Metals in Water by ICP/MS					
Lead	ug/L	6.8	1.0 U	14.9	1.3

Analysis/ Analyte	Units	410-__	411-__	412-__	413-__
1 Metals in Water by ICP					
Aluminum	ug/L	50 U	50 U	50 U	50 U
Antimony	ug/L	50 U	50 U	50 U	50 U
Arsenic	ug/L	25 U	25 U	25 U	25 U
Barium	ug/L	595	607	554	419
Beryllium	ug/L	3 U	3 U	3 U	3 U
Cadmium	ug/L	4	3 U	4	3 U
Calcium	mg/L	87.9	50.2	65.2	63.4
Chromium	ug/L	15 U	15 U	15 U	15 U
Cobalt	ug/L	10 U	10 U	10 U	10 U
Copper	ug/L	7	5 U	6	5 U
Iron	ug/L	50 U	50 U	50 U	50 U
Lead	ug/L	50 U	50 U	50 U	50 U
Magnesium	mg/L	66.6	28.7	38.2	36.8
Manganese	ug/L	5 U	5 U	5 U	5 U
Molybdenum	ug/L	15 U	15 U	15 U	15 U
Nickel	ug/L	20 U	20 U	20 U	20 U
Potassium	mg/L	2.00 U	2.00 U	2.00 U	2.00 U
Selenium	ug/L	50 U	50 U	50 U	50 U
Silver	ug/L	25 U	25 U	25 U	25 U
Sodium	mg/L	5.27	5.00 U	5.37	5.00 U
Thallium	ug/L	50 U	50 U	50 U	50 U
Titanium	ug/L	20 U	20 U	20 U	20 U
Vanadium	ug/L	10 U	10 U	10 U	10 U
Zinc	ug/L	261	64	242	50
2 Metals in Water by ICP/MS					
Lead	ug/L	28.0	1.0 U	1.0 U	1.0 U

Analysis/ Analyte	Units	414-__	415-__	416-__	417-__
1 Metals in Water by ICP					
Aluminum	ug/L	50 U	50 U	50 U	50 U
Antimony	ug/L	50 U	50 U	50 U	50 U
Arsenic	ug/L	25 U	25 U	25 U	25 U
Barium	ug/L	94	608	962	80
Beryllium	ug/L	3 U	3 U	3 U	3 U
Cadmium	ug/L	4	4	4	4
Calcium	mg/L	69.6	60.8	64.6	55.5
Chromium	ug/L	15 U	15 U	15 U	15 U
Cobalt	ug/L	10 U	10 U	10 U	10 U
Copper	ug/L	5 U	5 U	5 U	15
Iron	ug/L	54	50 U	50 U	50 U
Lead	ug/L	50 U	50 U	50 U	50 U
Magnesium	mg/L	41.5	36.7	37.4	29.9
Manganese	ug/L	10	5 U	5 U	5 U
Molybdenum	ug/L	15 U	15 U	15 U	15 U
Nickel	ug/L	20 U	20 U	20 U	20 U
Potassium	mg/L	2.00 U	2.00 U	2.00 U	2.00 U
Selenium	ug/L	50 U	50 U	50 U	50 U
Silver	ug/L	25 U	25 U	25 U	25 U
Sodium	mg/L	5.95	70.0	10.8	7.91
Thallium	ug/L	50 U	50 U	50 U	50 U
Titanium	ug/L	20 U	20 U	20 U	20 U
Vanadium	ug/L	10 U	10 U	10 U	10 U
Zinc	ug/L	826	150	213	53
2 Metals in Water by ICP/MS					
Lead	ug/L	19.5	12.8	6.7	1.0 U

Analysis/ Analyte	Units	418-__	419-__	420-__	421-FB
1 Metals in Water by ICP					
Aluminum	ug/L	50 U	50 U	50 U	50 U
Antimony	ug/L	50 U	50 U	50 U	50 U
Arsenic	ug/L	25 U	25 U	25 U	25 U
Barium	ug/L	129	161	1110	10 U
Beryllium	ug/L	3 U	3 U	3 U	3 U
Cadmium	ug/L	4	4	3 U	3 U
Calcium	mg/L	60.5	64.2	76.8	2.00 U
Chromium	ug/L	15 U	15 U	15 U	15 U
Cobalt	ug/L	10 U	10 U	10 U	10 U
Copper	ug/L	18	29	5 U	5 U
Iron	ug/L	50 U	50 U	50 U	50 U
Lead	ug/L	50 U	50 U	50 U	50 U
Magnesium	mg/L	38.6	40.2	45.9	2.00 U
Manganese	ug/L	5 U	5 U	5 U	5 U
Molybdenum	ug/L	15 U	15 U	15 U	15 U
Nickel	ug/L	20 U	20 U	20 U	20 U
Potassium	mg/L	2.00 U	2.00 U	2.00 U	2.00 U
Selenium	ug/L	50 U	50 U	50 U	50 U
Silver	ug/L	25 U	25 U	25 U	25 U
Sodium	mg/L	5.34	10.3	6.71	5.00 U
Thallium	ug/L	50 U	50 U	50 U	50 U
Titanium	ug/L	20 U	20 U	20 U	20 U
Vanadium	ug/L	10 U	10 U	10 U	10 U
Zinc	ug/L	31	836	190	25 U
2 Metals in Water by ICP/MS					
Lead	ug/L	1.0 U	12.4	1.0 U	1.0 U

Analysis/ Analyte	Units	422-FB	501-__	502-__	503-__
1 Metals in Water by ICP					
Aluminum	ug/L	50 U			
Antimony	ug/L	50 U			
Arsenic	ug/L	25 U			
Barium	ug/L	10 U			
Beryllium	ug/L	3 U			
Cadmium	ug/L	3 U			
Calcium	mg/L	2.00 U			
Chromium	ug/L	15 U			
Cobalt	ug/L	10 U			
Copper	ug/L	5 U			
Iron	ug/L	50 U			
Lead	ug/L	50 U			
Magnesium	mg/L	2.00 U			
Manganese	ug/L	5 U			
Molybdenum	ug/L	15 U			
Nickel	ug/L	20 U			
Potassium	mg/L	2.00 U			
Selenium	ug/L	50 U			
Silver	ug/L	25 U			
Sodium	mg/L	5.00 U			
Thallium	ug/L	50 U			
Titanium	ug/L	20 U			
Vanadium	ug/L	10 U			
Zinc	ug/L	25 U			
1 Metals in Water by ICP/MS					
Antimony	ug/L		2.0 U	2.0 U	2.0 U
Arsenic	ug/L		1.0 U	1.0 U	1.0 U
Barium	ug/L		5.0 U	5.0 U	5.0 U
Beryllium	ug/L		1.0 U	1.0 U	1.0 U
Cadmium	ug/L		1.0 U	1.0 U	1.0 U
Chromium	ug/L		2.0 U	2.0 U	2.0 U
Cobalt	ug/L		1.0 U	1.0 U	1.0 U
Copper	ug/L		2.0 U	2.0 U	2.0 U
Lead	ug/L		1.0 U	1.0 U	1.0 U
Manganese	ug/L		1.0 U	1.0 U	1.0 U
Nickel	ug/L		1.0 U	1.0 U	1.0 U
Selenium	ug/L		5.0 U	5.0 U	5.0 U
Silver	ug/L		1.0 U	1.0 U	1.0 U
Thallium	ug/L		1.0 U	1.0 U	1.0 U
Vanadium	ug/L		1.0 U	1.0 U	1.0 U
Zinc	ug/L		2.0 U	2.0 U	2.0 U
2 Metals in Water by ICP/MS					
Lead	ug/L	1.0 U			

Analysis/ Analyte	Units	504-__	505-__	506-__	507-__
1 Metals in Water by ICP/MS					
Antimony	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Barium	ug/L	5.0 U	5.3	5.0 U	5.0 U
Beryllium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chromium	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Cobalt	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Copper	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Lead	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Manganese	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Nickel	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Selenium	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Silver	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Thallium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Zinc	ug/L	2.0 U	2.0 U	2.0 U	2.1

Analysis/ Analyte	Units	508-__	509-__	510-__	511-__
1 Metals in Water by ICP/MS					
Antimony	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Barium	ug/L	15.4	5.0 U	5.0 U	5.0 U
Beryllium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chromium	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Cobalt	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Copper	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Lead	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Manganese	ug/L	1.0	1.0 U	1.0 U	1.0 U
Nickel	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Selenium	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Silver	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Thallium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Zinc	ug/L	2.0 U	2.0 U	2.0 U	2.0 U

Analysis/ Analyte	Units	512-__	513-__	514-__	601-__
1 Bioaccessible Lead in Soil by ICP					
Lead, Bioaccessible	%				76.8
1 Percent Solid					
Solids, percent	%				93.0
1 Metals in Water by ICP/MS					
Antimony	ug/L	2.0 U	2.0 U	2.0 U	
Arsenic	ug/L	1.0 U	1.0 U	1.0 U	
Barium	ug/L	5.0 U	5.0 U	5.0 U	
Beryllium	ug/L	1.0 U	1.0 U	1.0 U	
Cadmium	ug/L	1.0 U	1.0 U	1.0 U	
Chromium	ug/L	2.0 U	2.0 U	2.0 U	
Cobalt	ug/L	1.0 U	1.0 U	1.0 U	
Copper	ug/L	2.0 U	2.0 U	2.0 U	
Lead	ug/L	1.0 U	1.0 U	1.0 U	
Manganese	ug/L	1.0 U	1.0 U	1.0 U	
Nickel	ug/L	1.0 U	1.0 U	1.0 U	
Selenium	ug/L	5.0 U	5.0 U	5.0 U	
Silver	ug/L	1.0 U	1.0 U	1.0 U	
Thallium	ug/L	1.0 U	1.0 U	1.0 U	
Vanadium	ug/L	1.0 U	1.0 U	1.0 U	
Zinc	ug/L	2.0 U	2.0 U	2.0 U	

Analysis/ Analyte	Units	602-__	603-__	604-__	605-__
1 Bioaccessible Lead in Soil by ICP					
Lead, Bioaccessible	%	53.8	84.1	74.9	60.4
1 Percent Solid					
Solids, percent	%	97.0	98.6	92.9	94.7

Analysis/ Analyte	Units	606-__	607-__	608-__	609-__
1 Bioaccessible Lead in Soil by ICP					
Lead, Bioaccessible	%	64.9	51.8	62.5	57.5
1 Percent Solid					
Solids, percent	%	95.3	98.0	93.0	92.8

Analysis/ Analyte	Units	610-__	611-__	612-__	613-__
1 Bioaccessible Lead in Soil by ICP					
Lead, Bioaccessible	%	50.8	45.5	71.2	57.4
1 Percent Solid					
Solids, percent	%	95.0	92.5	95.3	98.1

Analysis/ Analyte	Units	614-__	615-__
1 Bioaccessible Lead in Soil by ICP			
Lead, Bioaccessible	%	57.0	52.6
1 Percent Solid			
Solids, percent	%	95.8	99.0

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 3902

Project ID: BMA78D01

Project Description: Washington County Lead District - Potosi RI sampling

From: Bruce Morrison
SUPR/FFSE

To: Kaye Dollmann
ENSV/RLAB

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

I understand all samples will be disposed upon receipt of this form, unless samples are requested to be held. If I do not return this form all samples will be disposed of on _____.

☐ "RELEASED" - Read-only to all Region 7 employees and contractors that have R7LIMS "Customer" account. All Samples may be disposed of upon receipt of this form if not requested to be held.

☐ "Project Manager Accessible" - Available on the LAN in R7LIMS for my use only. All Samples may be disposed of upon receipt of this form if not requested to be held.

☐ "Archived" - THIS DATA IS OF A SENSITIVE NATURE. Any future reports must be requested through the laboratory. All samples may be disposed of upon receipt of the form if not requested to be held.

☐ Hold Samples - I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations.
The reason for the hold is:

- ☐ Samples are associated with a legal proceeding.
- ☐ Question/Concern with data - possible reanalysis requested.
- ☐ Other:_____