REMEDIAL FACILITY INVESTIGATION REPORT

COLLIS INC.
2005 SOUTH 19th STREET
CLINTON, IOWA

ATTACHMENT 1

LABORATORY QUALITY ASSURANCE

AND

QUALITY CONTROL DOCUMENTATION

Volume 9 of 11

November 6, 1995 Data Package

Part 1 of 1

Submitted by:

Heritage Environmental Services, Inc.
Chicago Service Center
1319 Marquette Drive
Romeoville, Illinois 60446

August 12, 1996

Heritage Environmental Services, Inc.

R00047198
RCRA Records Center

HERITAGE ENVIRONMENTAL SERVICES, INC.

1319 Marquette Dr.
Romeoville, IL 60446
Phone: 630/378-1600
FAX: 630/378-2200

REMEDIAL FACILITY INVESTIGATION REPORT

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Submitted by:

Heritage Environmental Services, Inc.
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Recycled Paper

HERITAGE LABORATORIES, INC.

1319 Marquette Dr.
Romeoville, IL 60441
Phone: 708/378-1600
FAX: 708/378-2200

HERITAGE ENVIRONMENTAL SERVICES REPORT PACKAGE LEVEL IV PROJECT NO. 70531

November 6 1995

recycled paper

Q
478

CASE NARRATIVE

This Case Narrative applies to the following samples;

C172842 - C172844

No anomalies or deviations from specified protocols were noted.

Therese Noha
Metals Group Leader

recycled paper

TO ENSURE PROPER HANDLING OF SAMPLES PLEASE COMPLETE THIS ENTIRE FORM

HERITAGE ENVIRONMENTAL SERVICES

R- 84

COMMERCIAL LABORATORY OPERATIONS

1319 Marquette Drive
Romeoville, IL 60441 (708) 378-1600 Fax (708) 378-2200

Co. Name: HES
Project Name: Collis RFI
Quote No.: 7117560-61 PO No.: 70531

ENVIRONMENTAL PROGRAM:

CWA NPDES_____ IWP _____ SLUDGE_____

RCRA MW_____ SW _____ DISPOSAL_____

SDWA_____ CERCLA/SUPERFUND_____ OTHER _____

Sampled by: Kevin Reinhard / Mark Keys

Report To:
Co: HES
Add:
Attn:
Phone:

Accelerated Turnaround Requested _____
(Subject to Additional Charge)

Result Request by: ____/____/____
Mo Day Yr
(Date must be Accepted and Approved by Lab.)

Analyses Requested
(Note special detection limits or methods)

Sample ID:	Date:	Time:	Comp	Grab	Sample Description:	Sample Type (Matrix): DW, GW, WW, Soil, Oil, Sludge, Other	No. of Containers	CO Cr, Ni, Zn	VOA	Semi VOA	PCB's	Cyanide total	Cyanide amenable	pH	Hold-possible future inorganics			Remarks:	EMS Sample No.
	8-17	0645		X	BS-03-(1-3')-NEY	S	3	X	X	X	X	X	X	X					C171371
		0650		X	BS-03-(4-6')-NEY	S	3	X	X	X	X	X	X	X					C171372
		0700		X	BS-03-(9-10')-NEY	S	1								X			Hold	
		0715		X	BS-04-(0-2)-NEY	S	3	X	X	X	X	X	X	X					C171373
		0720		X	BS-04-(4-6)-NEY	S	3	X	X	X	X	X	X	X					C171374
		0725		X	BS-04-(6-8)-NEY*	S	1								X			Hold	C172842
		0740		X	BS-05-(0-2.5')-NEY	S	3	X	X	X	X	X	X	X					C171375
		0745		X	BS-05-(4-6')-NEY	S	3	X	X	X	X	X	X	X					C171376
		0750		X	BS-05-(6-8')-NEY*	S	1								X			Hold	C172843
		0800		X	BS-06-(0-2.5')-NEY	S	3	X	X	X	X	X	X	X					C171377
		0805		X	BS-06-(4-6')-NEY	S	3	X	X	X	X	X	X	X					C171378
					~~BS-00~~ dup														

Relinquished by: (Signature)	Date /Time	Received by: (Signature)	Relinquished by: (Signature)	Date /Time	Received by: (Signature)
Kevin Reinhard	8-17-95 1600	Shipped via Fed X		/	
Relinquished by: (Signature)	Date /Time	Received by: (Signature)	Relinquished by: (Signature)	Date /Time	Received by: (Signature)
	/			/	
Relinquished by: (Signature)	Date /Time	Received for Lab by: (Signature)	Date / Time	Remarks:	
	/	Kathy Young	8/18/95/10:05	Cooler temperature @ 3.9°C (Thermometer #46)	

Distribution: White original to be retained by client, Yellow copy to accompany sample to laboratory, Pink copy to also be retained by client.

EXHIBIT C

INORGANIC TARGET ANALYTE LIST

0000 3

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

L Name: Heritage Labs Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

SOW No.: _____

EPA Sample No.	Lab Sample ID.
C 172842	
C 172843	
C 172844	

Were ICP interelement corrections applied? Yes/No ✓

Were ICP background corrections applied? Yes/No ✓

If yes-were raw data generated before application of background corrections? Yes/No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

0000 4

Signature: _____ Name: _____

Date: _____ Title: _____

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

172842

b Name: Heritage Labs

Contract: _____

b Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

trix (soil/water): Soil

Lab Sample ID: _____

vel (low/med): _____

Date Received: _____

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel	13			P
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

0000 5

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

C172843

b Name: Heritage Labs Contract: _____

.b Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

trix (soil/water): Soil Lab Sample ID: _____

evel (low/med): _____ Date Received: _____

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel	11			P
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

0000 6

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

C172844

b Name: Heritage Labs

Contract: _____

.b Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

:trix (soil/water): Soil

Lab Sample ID: _____

:evel (low/med): _____

Date Received: _____

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel	10			P
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

0000 7

FORM I - IN

ILM04.

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Heritage Labs Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Initial Calibration Source: Spex

Continuing Calibration Source: Inorganic Ventures

Concentration Units: ug/L

R 267188

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel	1000	1010	101%	5000	4949	99	5104	102	P
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

0000 8

U.S. EPA - CLP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Heritage Labs Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

CRDL Standard Source: _____

ICP CRDL Standard Source: Inorganic Ventures

Concentration Units: ug/L

R 247188

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel				160	168.8	106%	176.5	110%
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

Control Limits: no limits have been established by EPA at this time

U.S. EPA - CLP

3
BLANKS

Lab Name: Heritage Labs Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Preparation Blank Matrix (soil/water): water

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

R 267188

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel	-3.1		-1.3		3.7		1.0		7.2		F
Potassium											
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

Q 333638

FORM III - IN

000012

7/88

U.S. EPA - CLP

3
BLANKS

Lab Name: _____ Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											
Antimony											
Arsenic											
Barium											
Beryllium											
Cadmium											
Calcium											
Chromium											
Cobalt											
Copper											
Iron											
Lead											
Magnesium											
Manganese											
Mercury											
Nickel											
Potassium			3.6		0.4		1.0				
Selenium											
Silver											
Sodium											
Thallium											
Vanadium											
Zinc											
Cyanide											

000018

FORM III - IN

7/88

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Heritage Labs Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

ICP ID Number: 242 ICS Source: Perkin Elmer

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	250,000		236900		95	238300		95
Antimony								
Arsenic								
Barium		250		253.1	101		242.5	105
Beryllium		250		221.2	88		232.4	93
Cadmium		500		483.0	97		502.4 / ~~244.3~~	100
Calcium	250,000		240800		96	244800	TN 6-95	98
Chromium		250		255.8	102		279	112
Cobalt		250		238.0	95		247	99
Copper		250		251.4	101		277.6	110
Iron	100,000		95,020		95	97670		98%
Lead		500		465.2	93		451.6	90
Magnesium	250,000		271,100		108	278600		111
Manganese		250		234.1	94		244.6	98
Mercury								
Nickel		500		478.2	96		500.9	100
Potassium								
Selenium								
Silver		500		476.0	95		480.4	96
Sodium								
Thallium								
Vanadium		250		246.7	99		254.6	102
Zinc		500		476.7	95		485.7	97

000014

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

C172502

) Name: Heritage Labs Contract: _____

) Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

:rix (soil/water): Soil Level (low/med): _____

Solids for Sample: _____

Concentration Units (ug/L or mg/kg dry weight): mg/kg

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
luminum									
ntimony									
rsenic									
arium									
eryllium									
ium									
ium									
omium									
obalt									
opper									
ron									
ead									
agnesium									
anganese									
ercury									
ickel	25%	52.8		25.7		25	108%		P
otassium									
elenium									
ilver									
odium									
hallium									
anadium									
inc									
yanide									

omments: Q333640

000015

FORM V (PART 1) - IN

ILM04.0

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

C172502

b Name: Heritage Labs Contract: _____

b Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

trix (soil/water): Soil Level (low/med): _____

Solids for Sample: _____

Concentration Units (ug/L or mg/kg dry weight): mg/kg R 267188

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
luminum									
ntimony									
rsenic									
arium									
eryllium									
admium									
um									
ium									
obalt									
opper									
ron									
ead									
agnesium									
anganese									
ercury									
ickel	25%	51.8		25.7		25	104%		P
otassium									
elenium									
ilver									
odium									
hallium									
anadium									
inc									
yanide									

omments: DPS02 Q333641

000016

FORM V (PART 1) - IN

ILM04.0

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

C172502

ab Name: Heritage Labs Contract: _____

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

atrix (soil/water): Soil Level (low/med): _____

Solids for Sample: _____ % Solids for Duplicate: _____

Concentration Units (ug/L or mg/kg dry weight): mg/kg R 267188

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel	<20%rpd	25.7		24		6.8%		P
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								
Cyanide								

000017

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

Lab Name: Heritage Labs

Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Solid LCS Source: _____

Aqueous LCS Source: Spex

R 267188

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel	1000	946	95						
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

Q 333637

000018

U.S. EPA - CLP

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Heritage Labs Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

ICP ID Number: 242 Date: _____

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		
Antimony			60		
Arsenic			10		
Barium			200		
Beryllium			5		
Cadmium			5		
Calcium			5000		
Chromium			10		
Cobalt			50		
Copper			25		
Iron			100		
Lead			3		
Magnesium			5000		
Manganese			15		
Mercury			0.2		
Nickel	231.6		40	7.9	P
Potassium			5000		
Selenium			5		
Silver			10		
Sodium			5000		
Thallium			10		
Vanadium			50		
Zinc			20		
Cyanide			10		

Comments:

000019

U.S. EPA - CLP

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Heritage Labs Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

ICP ID Number: 242 Date: _____

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Cr
Aluminum	308.2					
Antimony	206.8			-0.0053		0.0187
Arsenic	193.6	0.003708		0.000329		0.00104
Barium	493.4					
Beryllium	313.0					
Cadmium	226.5		0.000025	0.000137		
Calcium	317.9					
Chromium	267.7					
Cobalt	228.6					
Copper	324.7					
Iron	259.9					
Lead	220.3	0.00126				-0.00038
Magnesium	279.0					-0.000022
Manganese	257.6				0.000025	
Mercury						
Nickel	231.6					
Potassium	776.4					
Selenium	196.0					
Silver	328.0					
Sodium	588.9					
Thallium	190.8			0.001605		
Vanadium	292.4					-0.003384
Zinc	213.8			0.0003		

Comments:

000020

U.S. EPA - CLP

12
ICP LINEAR RANGES (QUARTERLY)

Lab Name: Heritage Labs Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

ICP ID Number: 242 Date: _____

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	10	500 000	
Antimony		100 000	
Arsenic		200 000	
Barium		300 000	
Beryllium		20 000	
Cadmium		300 000	
Calcium		500 000	P
Chromium		500 000	
Cobalt		800 000	
Copper		150 000	
Iron		400 000	P
Lead		300 000	
Magnesium		1,000,000	P
Manganese		400,000	
Mercury			
Nickel		500 000	
Potassium		500 000	P
Selenium		200 000	
Silver		100 000	
Sodium		500000	P
Thallium		200 000	
Vanadium		200 000	
Zinc		100 000	

Comments:

000021

U.S. EPA - CLP

13
PREPARATION LOG

Lab Name: Heritage Lab Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Method: SW846 3050

	EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
Q333637	LCS	10-4-95		50 mL
Q333638	B1002			
	C172502		1.98	
Q333639	DUPC2		2.00	
Q333640	Spi02		1.97	
Q333641	DPS02		2.01	
	C172671		1.99	
	842		1.98	
	843		1.98	
	844		2.01	
	790		2.01	
	791		2.01	
	503		1.99	
	504		2.03	

000022

U.S. EPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Heritage Labs

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Instrument ID Number: 242

Method: __

Start Date: 10/5/95

End Date: 10/5/95

EPA Sample No.	D/F	Time	% R	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD 1																			X								
2																											
3																											
ICV01																											
B1a01																											
STD3																											
CDL01																											
ICSA																											
ICSB																											
CCV																											
B1a01																											
LCS																											
B1a02																											
CCV																											
B1a01																											
C172502																											
DLP02																											
DUP02																											
Spi02																											
DPS02																											
C172671																											
C172842																											
843																											
843																											
CCV																											
B1a01																											
CDL01																											
ICSA																											
ICSB																											

000023

PAGE: 1 OF 1

METALS, PREP

Heritage, Inc. - Romeoville, IL

RUN NO.: R366840

ANALYST: JJU 2860

REVIEWER: [illegible] 2320

RECORDER: [illegible]

DATE: 10/4/95.

DATE: 10/10/95

DATE: 10/05/95

SET NO.: 3075A

ACID NO.: MP105, MP942, MP059.

SAMPLE	TYPE	WT/VOL	FINAL VOL	DILUTION	COMMENTS
LCS	Q333637		50ml		500ul (MS53 + M610)
BLA02	Q333638				
172502	P129.7 REP1	1.98g			
DUP02	Q333639	2.03			
SPI02	Q333640	1.97			500ul (MS53 + M610)
DPS02	Q333641	2.01			↓
172671	P129.7	1.99.			
172842	↓	1.98			
172843		1.98			
172844		2.01			
172790	REP1	2.01			REPREP FOR Ca
172791.	↓	2.01			↓
~~172793~~	REP1	1.99.			REPREP FOR Zn.
10/4/95 172504	↓	2.03.			↓

Heritage, Inc. - Romeoville, IL

ICP

Run Number R267188

Date 10/5/95

Analyst CH 3075

Start Time 10 00 00

Ending Time 19 00 00

SAMPLE	M #	Prepped Wt/Vol	Dilution	PARAMETERS
1. Std1, Std2, Std3				
2. ICV01				
3. BLA01				
4. HMCS-Std3				
5. CRI01				
6. ICSA				
7. ICSB				
8. CCV				
9. BLA				
10. C172845				Cd, Cr, Pb
11. Wash1/Wash2				
12. LCS-R				Q333632
13. BLA02				Q333633
14. C172871				As, Be, Cd, Cr, Pb, Se, Ag
15. Dup/Dup				Q333634
16. Spl/Dps				Q333635/636
17. C172817				
18. CCV				
19. BLA				
20. C172818				
21. C172819				
22. C172820				
23. C172822				
24. C172823				
25. C172824				
26. C172825				000025
27. C172845				Recon

95icplist.pif

Heritage, Inc. - Romeoville, IL

ICP

Run Number _____

Date 10/5/95

Analyst CH 5975

Start Time _____

Ending Time _____

SAMPLE	M #	Prepped Wt/Vol	Dilution	PARAMETERS
1. LCS-R				Q333637
2. BLAC2				Q333638
3. CCV				
4. BLA81				
5. C172502		20/50		Zn
6. Dup/Dup				Q333639
7. Spl/DPS				Q333640/641
8. C172671				Ba, Cu, Zn
9. C172842				Ni
10. C172843				Ni
11. C172844				Ni
12. CCV				
13. BLA				
14. C172790			1:100	Ca
15. C172791			1:100	Ca
16. C172503				Zn
17. C172504			1:10	Zn
18. ~~C172~~ C172718		2/50	1:10	Q333614 SDA from 10/4
19. Dup/Dup				Q333614
20. Spl/DPS				Q333615/616
21. CCV				
22. BLA				
23. C172715				Cd, Ba, Cr, Pb, Ag
24. 716				
25. 717				
26. 719				
27. 720				

000026

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Heritage, Inc. - Romeoville, IL

ICP

Run Number _____

Date 10/5/95

alyst CAH 3475

Start Time _____

Ending Time _____

SAMPLE	M #	Prepped Wt/Vol	Dilution	PARAMETERS
1. C172678		2/50	1:10	Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn
2. 679				
3. 680				
4. 681				
5. 682			1:100	
6. CCV				
7. BLA				
8. CCCB1				
9. ICSA				
10. ICSB				
11.				
12.				
13.				
14.				
15.				
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17.				
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27.				

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Method: 1995 Standard: STD1-Blank

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Avge	.0284	-.0195	-.0021	-.0007	.0070	.0022	-.0003
SDev	.0014	.0004	.0086	.0011	.0001	.0012	.0001
%RSD	4.980	1.808	417.4	161.6	1.017	55.91	20.20
#1	.0294	-.0193	-.0081	.0001	.0069	.0030	-.0004
#2	.0274	-.0198	.0040	-.0015	.0070	.0013	-.0003

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Avge	.0002	.0033	.0019	.0072	.0391	.0063	.0018
SDev	.0013	.0042	.0021	.0010	.0048	.0047	.0003
%RSD	636.4	128.4	111.6	13.75	12.30	74.08	15.71
#1	.0011	.0062	.0034	.0079	.0425	.0096	.0020
#2	-.0007	.0003	.0004	.0065	.0357	.0030	.0016

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Avge	.0736	.0011	.0109	-.0143	.0003	-.0003	.0050
SDev	.0026	.0042	.0110	.0101	.0005	.0006	.0228
%RSD	3.557	385.7	101.0	70.96	141.4	181.8	455.4
#1	.0754	.0041	.0186	-.0071	.0007	.0001	.0211
#2	.0717	-.0019	.0031	-.0214	.0000	-.0008	-.0111

Elem	V_2924	Zn2138
Avge	.0016	.0159
SDev	.0058	.0003
%RSD	362.4	2.217
#1	.0057	.0157
#2	-.0025	.0162

Method: 1995 Standard: STD2

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Avge	2.570	2.608	4.746	13.72	51.47	3.610	19.93
SDev	.005	.004	.025	.04	.24	.015	.05
%RSD	.1953	.1437	.5364	.3078	.4629	.4172	.2509
#1	2.574	2.611	4.764	13.75	51.64	3.621	19.96
#2	2.567	2.606	4.728	13.69	51.31	3.599	19.89

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Avge	6.933	8.747	3.847	12.76	1.351	1.565	4.931
SDev	.029	.043	.014	.03	.022	.003	.017
%RSD	.4131	.4964	.3603	.2460	1.628	.2123	.3499
#1	6.953	8.777	3.857	12.79	1.366	1.568	4.943
#2	6.913	8.716	3.837	12.74	1.335	1.563	4.919

Elem	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908	V_2924
Avge	8.778	4.798	2.172	6.646	17.67	5.752	19.81
SDev	.033	.011	.025	.017	.06	.031	.09
%RSD	.3713	.2328	1.146	.2543	.3582	.5335	.4701

#1	8.801	4.806	2.155	6.658	17.71	5.730	19.88
#2	8.755	4.791	2.190	6.634	17.62	5.773	19.74

Elem	Zn2138
Avge	13.37
SDev	.04
%RSD	.3178
#1	13.40
#2	13.34

Method: 1995 Standard: STD3

Elem	Na5889
Avge	15.65
SDev	.07
%RSD	.4709
#1	15.60
#2	15.70

Method: 1995 Sample Name: ICV01-R Operator: CRH
Run Time: 10/05/95 10:58:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.973	1.894	.9776	1.963	.9159	50.67	1.014
SDev	.018	.014	.0080	.027	.0114	.46	.009
%RSD	.8913	.7262	.8226	1.363	1.239	.9097	.9133
#1	1.985	1.904	.9832	1.982	.9239	51.00	1.020
#2	1.960	1.884	.9719	1.944	.9079	50.35	1.007

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.003	1.006	.9963	.9774	69.00	53.85	.9931
SDev	.009	.008	.0118	.0114	.83	.50	.0100
%RSD	.9447	.8346	1.181	1.169	1.210	.9283	1.010
#1	1.010	1.012	1.005	.9855	69.59	54.20	1.000
#2	.9965	1.000	.9880	.9694	68.41	53.49	.9860

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.55	1.010	.9707	1.040	.9844	.9887	1.036
SDev	.62	.004	.0240	.001	.0163	.0128	.000
%RSD	1.179	.3592	2.471	.1296	1.660	1.297	.0471
#1	52.99	1.013	.9877	1.041	.9728	.9978	1.036
#2	52.11	1.008	.9538	1.039	.9959	.9797	1.036

Elem	V_2924	Zn2138
Units	ppm	ppm

Avge	.9990	1.002
SDev	.0073	.008
%RSD	.7283	.8160
#1	1.004	1.008
#2	.9939	.9963

Method: 1995 Sample Name: STD1-BLANK Operator: CRH
Run Time: 10/05/95 11:05:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0022	Q-.0078	Q-.0002	Q.0000	Q.0000	Q.0022	Q-.0001
SDev	.0002	.0140	.0144	.0007	.0001	.0002	.0004
%RSD	7.476	179.1	8413.	1838.	562.0	8.815	386.7
#1	Q.0023	Q-.0177	Q-.0103	Q-.0004	Q-.0000	Q.0024	Q.0002
#2	Q.0021	Q.0021	Q.0100	Q.0005	Q.0000	Q.0021	Q-.0004

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q-.0017	Q-.0013	Q.0001	Q.0008	Q-.0404	Q-.0163	Q.0008
SDev	.0011	.0038	.0042	.0012	.0259	.0150	.0009
%RSD	67.68	302.0	3253.	155.7	64.04	91.50	106.1
#1	Q-.0025	Q-.0039	Q-.0029	Q.0016	Q-.0587	Q-.0269	Q.0014
#2	Q-.0009	Q.0014	Q.0031	Q-.0001	Q-.0221	Q-.0058	Q.0002

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0340	Q-.0031	Q-.0120	Q.0100	Q-.0287	Q.0001	Q-.0052
SDev	.0314	.0005	.0012	.0070	.0217	.0004	.0034
%RSD	92.09	15.71	9.952	69.69	75.72	472.1	66.13
#1	Q.0562	Q-.0034	Q-.0112	Q.0150	Q-.0440	Q-.0002	Q-.0076
#2	Q.0119	Q-.0027	Q-.0128	Q.0051	Q-.0133	Q.0004	Q-.0028

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	Q.0001	Q-.0008
SDev	.0007	.0005
%RSD	749.7	57.17
#1	Q-.0004	Q-.0011
#2	Q.0006	Q-.0005

Method: 1995 Sample Name: STD2 Operator: CRH
Run Time: 10/05/95 11:10:11
Comment:
Mode: CONC Corr. Factor: 1

000030

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2.074	9.767	9.877	9.974	10.02	9.943	10.06
SDev	.001	.021	.009	.002	.03	.034	.03
%RSD	.0635	.2176	.0932	.0181	.3157	.3448	.2955
#1	2.075	9.782	9.883	9.973	10.04	9.968	10.08
#2	2.073	9.752	9.870	9.975	9.996	9.919	10.04

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.07	10.09	10.06	9.940	9.800	10.11	10.02
SDev	.04	.03	.00	.026	.008	.00	.02
%RSD	.3816	.2737	.0475	.2602	.0827	.0332	.2261
#1	10.09	10.11	10.06	9.958	9.795	10.10	10.04
#2	10.04	10.07	10.07	9.921	9.806	10.11	10.01

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.23	10.01	10.02	2.089	10.09	10.02	10.06
SDev	.00	.03	.01	.021	.10	.01	.06
%RSD	.0407	.3227	.0680	1.018	.9886	.0731	.6088
#1	10.23	10.04	10.02	Q2.104	10.16	10.03	10.02
#2	10.23	9.992	10.01	2.074	10.02	10.02	10.10

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	10.02	9.915
SDev	.03	.025
%RSD	.2640	.2488
#1	10.03	9.932
#2	9.997	9.897

Method: 1995 Sample Name: STD3 Operator: CRH
Run Time: 10/05/95 11:15:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0028	-.0731	-.0072	.0010	.0006	97.21	.0016
SDev	.0009	.0122	.0148	.0001	.0001	.13	.0008
%RSD	31.95	16.64	206.3	15.71	11.76	.1346	53.90
#1	-.0022	-.0645	-.0177	.0011	.0006	97.11	.0022
#2	-.0035	-.0817	.0033	.0009	.0005	97.30	.0010

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0003	.0029	.0047	97.88	103.5	.0001
SDev	.0002	.0013	.0015	.0004	.12	.1	.0001
%RSD	70.62	448.4	51.43	9.463	.1267	.0836	257.5
#1	-.0004	.0006	.0039	.0044	97.80	103.5	-.0000
#2	-.0001	-.0012	.0018	.0050	97.97	103.6	.0002

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.08	.0027	-.0197	.0355	-.0127	-.0035	-.0238
SDev	.22	.0017	.0188	.0058	.0159	.0002	.0014
%RSD	.2216	63.19	95.29	16.44	125.2	5.923	5.691
#1	98.92	.0039	-.0329	.0396	-.0015	-.0034	-.0229
#2	99.23	.0015	-.0064	.0313	-.0239	-.0037	-.0248

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0017	-.0075
SDev	.0014	.0002
%RSD	86.01	2.827
#1	.0027	-.0076
#2	.0007	-.0073

Method: 1995 Sample Name: CDL01-R Operator: CRH
Run Time: 10/05/95 11:21:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0410	.1871	.1555	.0402	.0188	.1187	.0214
SDev	.0025	.0022	.0085	.0004	.0008	.0014	.0006
%RSD	6.129	1.163	5.458	1.027	4.469	1.154	2.982
#1	.0392	.1886	.1495	.0399	.0194	.1197	.0219
#2	.0428	.1855	.1615	.0405	.0182	.1177	.0209

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2053	.0393	.1030	.1016	.5305	.1034	.0612
SDev	.0017	.0017	.0004	.0001	.0076	.0063	.0013
%RSD	.8445	4.325	.3571	.1153	1.423	6.127	2.111
#1	.2040	.0405	.1027	.1015	.5358	.1078	.0602
#2	.2065	.0381	.1032	.1017	.5252	.0989	.0621

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5531	.1688	.0814	.2390	.1146	.0279	.1613
SDev	.0114	.0040	.0148	.0023	.0050	.0003	.0246
%RSD	2.053	2.387	18.16	.9440	4.366	1.005	15.25
#1	.5450	.1660	.0709	.2406	.1181	.0277	.1787
#2	.5611	.1717	.0918	.2374	.1110	.0281	.1439

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.2018	.0817
SDev	.0011	.0009
%RSD	.5633	1.056

#1	.2010	.0823
#2	.2026	.0811

Method: 1995 Sample Name: INTA-R Operator: CRH
Run Time: 10/05/95 11:27:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0076	236.9	-.0425	.0120	.0001	240.8	.0018
SDev	.0014	.7	.0382	.0001	.0000	1.2	.0024
%RSD	18.16	.3125	89.75	1.290	9.286	.4979	130.9
#1	-.0067	236.4	-.0696	.0121	.0001	239.9	.0035
#2	-.0086	237.4	-.0155	.0119	.0001	241.6	.0001

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0177	.0018	95.02	-.0818	271.1	-.0027
SDev	.0005	.0017	.0007	.39	.0701	.9	.0000
%RSD	139.6	9.333	40.41	.4101	85.68	.3231	.7088
#1	-.0000	.0166	.0013	94.74	-.0322	270.5	-.0027
#2	-.0007	.0189	.0023	95.29	-.1314	271.8	-.0027

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.5806	.0070	-.0126	.0395	-.0160	-.0075	.0062
SDev	.0196	.0005	.0157	.0357	.0062	.0001	.0445
%RSD	3.379	6.959	124.6	90.21	38.78	1.194	720.1
#1	-.5667	.0066	-.0237	.0647	-.0204	-.0076	-.0253
#2	-.5944	.0073	-.0015	.0143	-.0116	-.0074	.0376

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0051	-.0199
SDev	.0010	.0008
%RSD	20.48	4.247
#1	.0043	-.0193
#2	.0058	-.0205

Method: 1995 Sample Name: ICS-R Operator: CRH
Run Time: 10/05/95 11:32:17
Comment:
Mode: CONC Corr. Factor: 1

000033

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4760	233.6	-.0467	.2531	.2212	238.0	.4830
SDev	.0052	.8	.0213	.0009	.0008	.7	.0022

#1	.4724	233.1	-.0316	.2524	.2207	237.5	.4815
#2	.4796	234.2	-.0618	.2537	.2218	238.5	.4846

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2380	.2558	.2514	93.89	-.1131	268.5	.2341
SDev	.0021	.0044	.0035	.28	.0286	.7	.0011
%RSD	.8992	1.717	1.390	.2951	25.33	.2785	.4832
#1	.2365	.2527	.2489	93.69	-.1333	268.0	.2333
#2	.2395	.2589	.2538	94.09	-.0928	269.1	.2349

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.5957	.4782	.4652	.0349	-.0147	-.0076	-.0042
SDev	.0214	.0004	.0227	.0475	.0072	.0002	.0054
%RSD	3.593	.0844	4.876	135.9	48.68	2.599	126.6
#1	-.6108	.4780	.4813	.0685	-.0198	-.0078	-.0080
#2	-.5806	.4785	.4492	.0014	-.0097	-.0075	-.0004

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.2467	.4767
SDev	.0023	.0001
%RSD	.9465	.0309
#1	.2451	.4766
#2	.2484	.4768

Method: 1995 Sample Name: CCV-R Operator: CRH
Run Time: 10/05/95 11:38:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.015	4.698	4.890	4.847	4.683	5.008	4.976
SDev	.001	.010	.010	.013	.012	.007	.008
%RSD	.1104	.2116	.2119	.2648	.2459	.1430	.1669
#1	1.015	4.705	4.883	4.857	4.691	5.014	4.971
#2	1.016	4.691	4.898	4.838	4.675	5.003	4.982

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.963	4.991	4.980	4.879	4.860	5.126	4.915
SDev	.014	.011	.006	.006	.034	.004	.009
%RSD	.2858	.2119	.1182	.1250	.6991	.0704	.1926
#1	4.973	4.999	4.984	4.884	4.836	5.123	4.921
#2	4.953	4.984	4.975	4.875	4.884	5.129	4.908

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

090034

Avge	24.81	4.949	4.878	1.019	4.938	4.901	4.898
SDev	.04	.004	.034	.025	.057	.016	.016
%RSD	.1701	.0796	.7026	2.415	1.152	.3315	.3317
#1	24.84	4.946	4.902	1.002	4.978	4.913	4.909
#2	24.78	4.952	4.853	1.037	4.898	4.890	4.886

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	4.917	4.846
SDev	.014	.015
%RSD	.2781	.3103
#1	4.927	4.856
#2	4.908	4.835

Method: 1995 Sample Name: BLA01-R Operator: CRH
Run Time: 10/05/95 11:44:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0004	Q-.0034	Q.0110	Q.0006	Q.0006	Q.0301	Q.0001
SDev	.0005	.0062	.0085	.0000	.0001	.0000	.0001
%RSD	114.7	180.2	77.60	.0000	25.01	.0063	113.6
#1	Q.0001	Q-.0078	Q.0170	Q.0006	Q.0005	Q.0301	Q.0000
#2	Q.0008	Q.0009	Q.0050	Q.0006	Q.0007	Q.0301	Q.0002

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q-.0003	Q.0006	Q.0023	Q.0031	Q.0690	Q-.0103	Q.0009
SDev	.0000	.0009	.0015	.0003	.0588	.0236	.0001
%RSD	.0012	155.6	62.85	8.936	85.17	230.0	15.77
#1	Q-.0003	Q-.0001	Q.0034	Q.0029	Q.0274	Q-.0269	Q.0010
#2	Q-.0003	Q.0012	Q.0013	Q.0033	Q.1105	Q.0064	Q.0008

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0545	Q-.0013	Q.0237	Q.0181	Q-.0010	Q.0007	Q-.0034
SDev	.0068	.0005	.0003	.0054	.0072	.0000	.0205
%RSD	12.51	38.59	1.212	29.63	741.0	5.452	604.8
#1	Q.0594	Q-.0009	Q.0235	Q.0143	Q-.0061	Q.0007	Q-.0179
#2	Q.0497	Q-.0016	Q.0239	Q.0219	Q.0041	Q.0008	Q.0111

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	Q-.0001	Q.0052
SDev	.0006	.0006
%RSD	486.2	12.30
#1	Q.0003	Q.0047
#2	Q-.0006	Q.0057

Method: 1995 Sample Name: C172845 Operator: CRH
Run Time: 10/05/95 12:11:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.1331	.0021	.0126	.0000	4.149	.0005
SDev	.0000	.0077	.0086	.0003	.0000	.002	.0024
%RSD	.8693	5.761	413.1	2.050	66.09	.0558	460.4
#1	.0010	.1277	-.0040	.0128	.0001	4.151	-.0012
#2	.0010	.1386	.0082	.0124	.0000	4.148	.0022

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	.0055	.0112	.6215	2.561	2.105	.1078
SDev	.0016	.0014	.0000	.0017	.050	.011	.0004
%RSD	113.1	24.80	.0000	.2674	1.939	.5174	.3991
#1	-.0003	.0046	.0112	.6227	2.526	2.097	.1075
#2	-.0026	.0065	.0112	.6204	2.596	2.112	.1081

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	577.5	.0057	.0633	.0091	-.0144	.0058	.0277
SDev	6.0	.0003	.0090	.0031	.0143	.0000	.0327
%RSD	1.034	5.632	14.25	33.46	99.38	.0023	118.3
#1	581.7	.0060	.0697	.0113	-.0244	.0058	.0508
#2	573.2	.0055	.0569	.0070	-.0043	.0058	.0045

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0053	.6777
SDev	.0011	.0021
%RSD	20.97	.3124
#1	.0060	.6792
#2	.0045	.6762

Method: 1995 Sample Name: WASH 1 Operator: CRH
Run Time: 10/05/95 12:19:57
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0017	.1705	.0030	.0030	.0001	3.594	.0237
SDev	.0022	.0030	.0063	.0003	.0001	.026	.0012
%RSD	130.7	1.735	211.0	8.519	96.85	.7199	5.233
#1	-.0033	.1726	-.0015	.0028	.0001	3.576	.0246
#2	-.0001	.1684	.0074	.0032	.0000	3.613	.0229

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0108	.0440	.0710	.1338	.0963	.0021
SDev	.0007	.0027	.0033	.0002	.0162	.0141	.0007
%RSD	299.9	24.82	7.531	.2356	12.09	14.61	33.69
#1	-.0007	.0089	.0416	.0709	.1224	.1062	.0026
#2	.0003	.0126	.0463	.0711	.1452	.0863	.0016

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4543	.0077	.4893	.0243	-.0106	.0026	-.0241
SDev	.0255	.0021	.0065	.0107	.0135	.0001	.0032
%RSD	5.603	27.03	1.328	43.93	127.2	4.527	13.29
#1	.4723	.0063	.4939	.0167	-.0202	.0025	-.0218
#2	.4363	.0092	.4847	.0318	-.0011	.0027	-.0264

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0011	.5520
SDev	.0001	.0012
%RSD	10.82	.2236
#1	.0010	.5529
#2	.0012	.5511

Method: 1995 Sample Name: WASH 2 Operator: CRH
Run Time: 10/05/95 12:24:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0050	.2102	.0021	.0029	-.0001	5.261	.0144
SDev	.0006	.0062	.0097	.0001	.0000	.054	.0023
%RSD	12.16	2.930	453.5	1.790	76.14	1.024	15.97
#1	-.0046	.2058	.0090	.0028	-.0000	5.223	.0128
#2	-.0054	.2145	-.0047	.0029	-.0001	5.299	.0161

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0022	.0066	.0576	.0831	.0528	.0907	.0012
SDev	.0012	.0020	.0009	.0014	.0183	.0063	.0000
%RSD	56.35	30.47	1.596	1.734	34.67	7.004	.0115
#1	-.0013	.0081	.0570	.0821	.0399	.0952	.0012
#2	-.0030	.0052	.0583	.0841	.0658	.0862	.0012

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4745	.0021	.2888	.0084	-.0219	.0033	-.0223
SDev	.0381	.0019	.0160	.0020	.0058	.0000	.0042
%RSD	8.021	87.92	5.526	23.87	26.22	1.304	18.71

020637

#1	.4476	.0008	.3001	.0098	-.0260	.0033	-.0194
#2	.5014	.0034	.2775	.0070	-.0179	.0033	-.0253

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	-.0011	.7989
SDev	.0008	.0042
%RSD	76.59	.5288
#1	-.0016	.7959
#2	-.0005	.8019

Method: 1995 Sample Name: LCS-R Q333632 Operator: CRH
Run Time: 10/05/95 12:30:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9865	1.085	.9909	1.003	.9204	1.069	1.020
SDev	.0111	.003	.0086	.011	.0081	.006	.003
%RSD	1.123	.3074	.8701	1.079	.8776	.5630	.2541
#1	.9943	1.087	.9849	1.011	.9261	1.074	1.022
#2	.9786	1.082	.9970	.9953	.9147	1.065	1.018

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.019	1.046	1.028	1.000	9.724	1.028	1.011
SDev	.009	.016	.013	.010	.132	.020	.010
%RSD	.8898	1.569	1.270	1.045	1.358	1.909	.9929
#1	1.026	1.058	1.037	1.008	9.818	1.042	1.018
#2	1.013	1.034	1.019	.9929	9.631	1.014	1.004

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.494	1.032	1.014	1.000	1.018	.0001	1.064
SDev	.010	.020	.002	.010	.046	.0001	.022
%RSD	.6999	1.936	.2037	.9843	4.560	101.4	2.108
#1	1.487	1.047	1.012	.9931	1.050	.0001	1.048
#2	1.502	1.018	1.015	1.007	.9848	.0000	1.079

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	1.007	1.007
SDev	.007	.009
%RSD	.7285	.9094
#1	1.012	1.014
#2	1.002	1.001

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Method: 1995 Sample Name: BLA02-R Q333633 Operator: CRH
Run Time: 10/05/95 12:36:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0643	-.0123	.0011	-.0000	.0320	.0016
SDev	.0003	.0052	.0126	.0004	.0000	.0012	.0012
%RSD	86.08	8.071	102.4	37.71	169.2	3.691	79.76
#1	.0001	.0679	-.0213	.0008	-.0000	.0328	.0007
#2	.0006	.0606	-.0034	.0014	.0000	.0311	.0024

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	-.0003	.0049	.0063	.0914	-.0096	-.0004
SDev	.0031	.0048	.0026	.0000	.0377	.0018	.0011
%RSD	211.8	1695.	52.10	.0231	41.27	18.99	283.0
#1	-.0036	-.0037	.0031	.0063	.0648	-.0083	.0004
#2	.0007	.0031	.0068	.0063	.1181	-.0109	-.0012

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2458	.0044	-.0150	.0374	-.0198	.0003	-.0217
SDev	.0041	.0041	.0177	.0031	.0079	.0001	.0005
%RSD	1.659	93.65	118.1	8.201	39.82	31.69	2.196
#1	.2487	.0073	-.0025	.0352	-.0254	.0002	-.0214
#2	.2429	.0015	-.0275	.0396	-.0142	.0003	-.0221

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0002	.0058
SDev	.0039	.0006
%RSD	1962.	10.71
#1	-.0026	.0063
#2	.0030	.0054

Method: 1995 Sample Name: C172821 Operator: CRH
Run Time: 10/05/95 12:41:08
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0030	.7712	-.0042	.0652	-.0000	69.17	.0038
SDev	.0021	.0208	.0070	.0006	.0000	.37	.0002
%RSD	70.43	2.699	167.7	.9491	547.3	.5375	4.634
#1	-.0045	.7564	-.0092	.0647	-.0000	68.91	.0040
#2	-.0015	.7859	.0008	.0656	.0000	69.43	.0037

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257(
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.0003	-.0009	.0025	.9486	2.187	43.44	.0781
SDev	.0016	.0094	.0035	.0039	.027	.24	.0007
%RSD	557.3	1064.	141.4	.4089	1.255	.5627	.9119
#1	-.0014	-.0075	-.0000	.9459	2.168	43.27	.0776
#2	.0009	.0058	.0049	.9514	2.207	43.61	.0786

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.325	.0041	-.0029	.0296	-.0337	.0535	-.0013
SDev	.033	.0028	.0437	.0091	.0121	.0004	.0301
%RSD	.3969	69.38	1484.	30.80	36.02	.7077	2383.
#1	8.302	.0021	-.0338	.0360	-.0423	.0532	-.0226
#2	8.349	.0061	.0279	.0232	-.0251	.0537	.0200

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0036	.0141
SDev	.0014	.0015
%RSD	37.40	10.57
#1	.0027	.0130
#2	.0046	.0151

Method: 1995 Sample Name: DUP02 Q333634 Operator: CRH
Run Time: 10/05/95 12:45:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0036	.7809	.0080	.0663	.0000	69.58	.0039
SDev	.0003	.0057	.0039	.0011	.0000	.51	.0002
%RSD	7.597	.7334	48.26	1.711	284.9	.7335	4.509
#1	-.0038	.7769	.0107	.0655	-.0000	69.22	.0038
#2	-.0034	.7850	.0053	.0671	.0000	69.94	.0041

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0004	.0027	.9484	2.224	43.75	.0789
SDev	.0008	.0024	.0013	.0064	.036	.33	.0001
%RSD	140.9	574.6	47.14	.6720	1.621	.7650	.1726
#1	-.0000	.0013	.0036	.9439	2.198	43.51	.0788
#2	-.0012	-.0021	.0018	.9530	2.249	43.98	.0790

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Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.417	-.0011	-.0302	.0111	-.0192	.0542	-.009
SDev	.096	.0035	.0284	.0181	.0148	.0005	.020
%RSD	1.146	326.2	94.26	162.5	77.24	.9778	221.6
#1	8.349	-.0035	-.0101	.0239	-.0296	.0539	-.023
#2	8.485	.0014	-.0503	-.0017	-.0087	.0546	.0052

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0023	.0121
SDev	.0007	.0004
%RSD	29.79	3.108
#1	.0028	.0118
#2	.0018	.0124

Method: 1995 Sample Name: DUP02 Q333634 Operator: CRH
Run Time: 10/05/95 12:50:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0018	.8717	.0148	.0669	.0000	69.69	.0030
SDev	.0017	.0011	.0097	.0000	.0000	.01	.0008
%RSD	97.61	.1251	65.42	.0000	28.36	.0140	28.44
#1	-.0005	.8710	.0079	.0669	.0001	69.70	.0024
#2	-.0030	.8725	.0216	.0669	.0000	69.68	.0036

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257(
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0029	.0035	1.036	2.251	43.91	.0822
SDev	.0010	.0016	.0009	.004	.046	.05	.0000
%RSD	721.8	55.76	26.19	.3905	2.036	.1136	.0013
#1	.0009	.0040	.0029	1.033	2.284	43.95	.0822
#2	-.0006	.0018	.0042	1.039	2.219	43.88	.0822

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.432	.0014	-.0088	.0016	-.0041	.0548	-.037
SDev	.004	.0014	.0160	.0223	.0021	.0001	.023
%RSD	.0433	94.71	182.2	1382.	52.58	.2203	63.02
#1	8.429	.0024	-.0200	-.0142	-.0056	.0547	-.053
#2	8.434	.0005	.0025	.0174	-.0025	.0549	-.020

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0048	.0096
SDev	.0001	.0007
%RSD	1.372	7.200
#1	.0048	.0091
#2	.0049	.0101

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Method: 1995 Sample Name: SPIO2W-R Q333635 Operator: CRH
Run Time: 10/05/95 12:55:37
Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9471	2.350	.9806	1.042	.9024	69.84	.9758
SDev	.0077	.012	.0245	.007	.0070	.35	.0055
%RSD	.8145	.5267	2.502	.6975	.7709	.5028	.5600
#1	.9526	2.359	.9633	1.047	.9073	70.09	.9796
#2	.9417	2.342	.9980	1.037	.8975	69.59	.9719

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9735	1.009	1.009	2.126	11.61	44.44	1.050
SDev	.0018	.006	.006	.009	.13	.31	.007
%RSD	.1880	.5844	.6013	.4114	1.137	.6920	.6414
#1	.9747	1.013	1.013	2.132	11.70	44.66	1.055
#2	.9722	1.005	1.005	2.120	11.52	44.23	1.045

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.156	.9780	.9256	1.011	.9929	.0545	1.014
SDev	.079	.0048	.0078	.008	.0004	.0003	.032
%RSD	.8621	.4946	.8387	.7520	.0399	.6233	3.145
#1	9.212	.9814	.9311	1.016	.9926	.0547	.9913
#2	9.100	.9746	.9201	1.005	.9931	.0542	1.036

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.9868	.9641
SDev	.0046	.0080
%RSD	.4615	.8339
#1	.9900	.9698
#2	.9836	.9585

Method: 1995 Sample Name: DPS02W-R Q333636 Operator: CRH
Run Time: 10/05/95 13:00:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9408	2.398	.9464	1.031	.8935	69.30	.9753
SDev	.0049	.022	.0010	.010	.0094	.66	.0106
%RSD	.5177	.9125	.1017	.9800	1.049	.9572	1.084
#1	.9374	2.383	.9457	1.024	.8869	68.83	.9678
#2	.9443	2.414	.9471	1.038	.9001	69.77	.9828

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9630	1.004	1.003	2.123	11.61	44.12	1.043
SDev	.0087	.009	.008	.019	.02	.31	.009
%RSD	.8991	.9411	.8067	.8781	.2050	.7064	.8936

008042

#1	.9569	.9971	.9974	2.110	11.63	43.90	1.036
#2	.9691	1.010	1.009	2.136	11.60	44.34	1.049

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.096	.9807	.9685	1.004	.9741	.0542	.9773
SDev	.101	.0118	.0120	.005	.0076	.0004	.0272
%RSD	1.108	1.200	1.241	.4640	.7813	.7400	2.779
#1	9.025	.9724	.9600	1.007	.9687	.0539	.9581
#2	9.168	.9890	.9770	1.001	.9795	.0545	.9965

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.9753	.9523
SDev	.0109	.0088
%RSD	1.120	.9226
#1	.9676	.9461
#2	.9830	.9585

Method: 1995 Sample Name: C172817 Operator: CRH
Run Time: 10/05/95 13:06:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0064	.0371	.0188	.0449	-.0000	253.1	.0170
SDev	.0004	.0043	.0005	.0001	.0000	.8	.0007
%RSD	6.266	11.55	2.780	.1149	5.582	.3050	3.973
#1	-.0066	.0341	.0192	.0449	-.0000	253.6	.0174
#2	-.0061	.0401	.0185	.0448	-.0001	252.6	.0165

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0019	-.0028	.0030	.4598	5.910	115.8	3.131
SDev	.0008	.0012	.0002	.0059	.007	.3	.009
%RSD	43.99	42.97	6.149	1.289	.1172	.2913	.3022
#1	.0013	-.0037	.0029	.4640	5.915	116.1	3.137
#2	.0024	-.0020	.0031	.4556	5.905	115.6	3.124

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.01	.0189	-.0530	.0164	-.0229	.3231	.0027
SDev	.14	.0000	.0119	.0035	.0127	.0020	.0201
%RSD	.4519	.0103	22.44	21.53	55.35	.6054	745.9
#1	31.11	.0189	-.0614	.0189	-.0140	.3244	-.0115
#2	30.91	.0189	-.0446	.0139	-.0319	.3217	.0169

Elem	V_2924	Zn2138
Units	ppm	ppm

Avge	.0007	.0003
SDev	.0014	.0003
%RSD	197.8	111.5
#1	-.0003	.0005
#2	.0017	.0001

Method: 1995 Sample Name: CCV-R Operator: CRH
Run Time: 10/05/95 13:12:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.025	4.784	5.152	4.915	4.799	5.126	5.120
SDev	.006	.034	.036	.056	.041	.025	.024
%RSD	.6216	.7151	.6963	1.149	.8540	.4791	.4642
#1	1.020	4.760	5.126	4.875	4.770	5.108	5.103
#2	1.029	4.809	5.177	4.954	4.828	5.143	5.137

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.068	5.204	5.162	5.018	4.934	5.236	5.040
SDev	.036	.029	.052	.024	.008	.028	.028
%RSD	.7020	.5523	1.001	.4685	.1627	.5262	.5464
#1	5.043	5.184	5.125	5.001	4.928	5.216	5.021
#2	5.093	5.225	5.199	5.034	4.939	5.255	5.060

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.95	5.104	5.056	1.041	5.152	4.999	5.154
SDev	.34	.005	.016	.019	.039	.058	.014
%RSD	1.350	.1045	.3155	1.793	.7531	1.151	.2626
#1	24.72	5.100	5.045	1.028	5.124	4.959	5.144
#2	25.19	5.108	5.067	1.054	5.179	5.040	5.163

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	5.015	4.985
SDev	.033	.017
%RSD	.6547	.3508
#1	4.992	4.972
#2	5.038	4.997

Method: 1995 Sample Name: BLA01-R Operator: CRH
Run Time: 10/05/95 13:17:46
Comment:
Mode: CONC Corr. Factor: 1

000044

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd22
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	Q.0010	Q.0093	Q.0069	Q.0004	Q.0003	Q.0068	Q-.0002
SDev	.0028	.0081	.0159	.0002	.0001	.0024	.0013
%RSD	289.3	86.49	230.0	47.14	21.01	34.65	729.4
#1	Q-.0010	Q.0036	Q-.0043	Q.0003	Q.0003	Q.0051	Q-.0011
#2	Q.0030	Q.0150	Q.0181	Q.0006	Q.0002	Q.0084	Q.0007

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q-.0004	Q-.0002	Q.0025	Q.0015	Q-.0019	Q-.0147	Q.0006
SDev	.0014	.0022	.0031	.0008	.0286	.0054	.0000
%RSD	329.5	957.2	126.5	52.21	1495.	36.91	.0197
#1	Q.0006	Q-.0018	Q.0003	Q.0009	Q-.0221	Q-.0186	Q.0006
#2	Q-.0014	Q.0013	Q.0047	Q.0020	Q.0183	Q-.0109	Q.0006

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0208	Q.0037	Q-.0213	Q.0147	Q-.0118	Q.0004	Q-.007
SDev	.0055	.0023	.0120	.0020	.0160	.0001	.022
%RSD	26.21	63.09	56.18	13.61	135.1	21.74	321.7
#1	Q.0247	Q.0054	Q-.0128	Q.0161	Q-.0005	Q.0003	Q-.022
#2	Q.0170	Q.0021	Q-.0298	Q.0133	Q-.0231	Q.0004	Q.0089

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	Q-.0004	Q.0002
SDev	.0001	.0004
%RSD	42.37	252.8
#1	Q-.0005	Q-.0001
#2	Q-.0002	Q.0005

Method: 1995 Sample Name: C172818 Operator: CRH
Run Time: 10/05/95 13:22:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0044	-.0184	.0077	.0640	.0001	257.0	.0112
SDev	.0010	.0148	.0065	.0005	.0001	.1	.000
%RSD	22.87	80.22	84.09	.7244	43.30	.0390	3.18
#1	-.0037	-.0080	.0031	.0644	.0001	257.0	.010
#2	-.0051	-.0288	.0123	.0637	.0002	257.1	.011

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn25
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0047	-.0047	.0025	.6858	1.893	84.44	5.92
SDev	.0014	.0011	.0006	.0009	.059	.16	.00
%RSD	30.13	24.21	22.33	.1371	3.132	.1854	.094
#1	.0058	-.0039	.0029	.6865	1.935	84.56	5.92
#2	.0037	-.0055	.0021	.6851	1.851	84.33	5.91

0050045

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.32	.0276	-.0185	.0119	-.0208	.5138	-.0262
SDev	.01	.0042	.0040	.0148	.0170	.0016	.0123
%RSD	.0244	15.19	21.47	124.3	81.98	.3127	47.00
#1	41.33	.0246	-.0157	.0014	-.0087	.5149	-.0349
#2	41.32	.0305	-.0213	.0224	-.0328	.5127	-.0175

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0001	.0049
SDev	.0002	.0003
%RSD	228.5	6.207
#1	-.0000	.0047
#2	.0002	.0051

Method: 1995 Sample Name: C172819 Operator: CRH
Run Time: 10/05/95 13:27:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0045	.0117	.0076	.2077	.0001	159.0	.0111
SDev	.0003	.0106	.0071	.0018	.0000	1.0	.0015
%RSD	6.378	91.25	94.52	.8439	23.55	.6216	13.45
#1	-.0047	.0041	.0025	.2065	.0000	158.3	.0100
#2	-.0043	.0192	.0126	.2090	.0001	159.7	.0121

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0036	.0012	3.242	3.815	60.91	7.455
SDev	.0003	.0022	.0009	.018	.015	.29	.044
%RSD	87.75	61.26	78.57	.5517	.3849	.4706	.5849
#1	.0006	-.0020	.0005	3.229	3.825	60.71	7.424
#2	.0001	-.0051	.0018	3.254	3.804	61.11	7.486

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.15	.0037	-.0329	.0209	-.0312	.2923	-.0009
SDev	.34	.0010	.0010	.0367	.0008	.0022	.0083
%RSD	.8986	26.52	3.022	175.4	2.525	.7605	909.0
#1	37.90	.0030	-.0322	-.0050	-.0318	.2908	-.0067
#2	38.39	.0044	-.0336	.0469	-.0307	.2939	.0049

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0018	-.0060
SDev	.0004	.0015
%RSD	23.91	24.50

#1	.0015	-.0070
#2	.0021	-.0050

Method: 1995 Sample Name: C172820 Operator: CRH
Run Time: 10/05/95 13:32:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0036	.0395	.0091	.1646	.0000	114.6	.0118
SDev	.0026	.0088	.0107	.0026	.0000	1.4	.0006
%RSD	73.52	22.32	118.6	1.566	46.34	1.195	5.451
#1	-.0017	.0457	.0167	.1628	.0000	113.7	.0123
#2	-.0054	.0333	.0015	.1664	.0000	115.6	.0114

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0037	-.0005	.0027	3.196	4.033	51.12	2.728
SDev	.0004	.0001	.0017	.036	.029	.59	.033
%RSD	10.95	15.66	60.61	1.116	.7313	1.150	1.225
#1	.0034	-.0004	.0039	3.171	4.012	50.70	2.705
#2	.0040	-.0005	.0016	3.222	4.054	51.53	2.752

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.61	.0081	-.0004	.0324	-.0190	.1710	-.0025
SDev	.24	.0037	.0256	.0298	.0073	.0024	.0017
%RSD	1.107	45.72	6177.	92.11	38.35	1.380	67.85
#1	21.44	.0107	-.0185	.0113	-.0139	.1694	-.0036
#2	21.78	.0055	.0177	.0535	-.0242	.1727	-.0013

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0015	.1721
SDev	.0015	.0046
%RSD	99.97	2.693
#1	.0026	.1688
#2	.0004	.1754

Method: 1995 Sample Name: C172822 Operator: CRH
Run Time: 10/05/95 13:37:08
Comment:
Mode: CONC Corr. Factor: 1

000047

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0020	.8924	.0040	.0658	.0001	69.16	.0025
SDev	.0028	.0188	.0002	.0003	.0000	.02	.0016
%RSD	138.3	2.108	6.105	.3917	27.84	.0357	65.13

#1	-.0041	.8791	.0041	.0656	.0000	69.14	.0014
#2	-.0000	.9057	.0038	.0660	.0001	69.18	.0037

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	-.0005	.0027	.9165	2.255	43.69	.0746
SDev	.0006	.0034	.0024	.0019	.129	.07	.0004
%RSD	19960.	629.0	87.55	.2056	5.738	.1547	.5788
#1	.0004	-.0029	.0010	.9178	2.163	43.64	.0749
#2	-.0004	.0019	.0044	.9152	2.346	43.73	.0743

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.723	.0038	-.0066	-.0062	-.0260	.0549	-.0235
SDev	.024	.0009	.0222	.0165	.0079	.0001	.0020
%RSD	.2803	23.09	334.8	267.5	30.26	.2160	8.347
#1	8.705	.0032	.0091	-.0178	-.0316	.0548	-.0221
#2	8.740	.0045	-.0223	.0055	-.0205	.0550	-.0249

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0028	.0202
SDev	.0005	.0008
%RSD	17.24	3.732
#1	.0032	.0207
#2	.0025	.0197

Method: 1995 Sample Name: C172823 Operator: CRH
Run Time: 10/05/95 13:42:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.7903	-.0065	.0655	.0001	68.94	.0057
SDev	.0018	.0164	.0030	.0003	.0000	.06	.0008
%RSD	249.8	2.072	46.74	.4719	27.15	.0910	14.29
#1	-.0020	.7788	-.0087	.0653	.0001	68.89	.0063
#2	.0006	.8019	-.0044	.0658	.0001	68.98	.0051

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0008	.0066	.8001	2.249	43.56	.0697
SDev	.0002	.0000	.0006	.0005	.040	.07	.0007
%RSD	17.63	.0121	8.319	.0623	1.775	.1697	1.031
#1	-.0013	.0008	.0062	.7998	2.277	43.51	.0702
#2	-.0010	.0008	.0070	.8005	2.221	43.61	.0692

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	8.611	.0037	-.0056	.0011	-.0214	.0548	.0069
SDev	.008	.0010	.0238	.0127	.0383	.0003	.0225
%RSD	.0936	26.38	427.7	1132.	179.2	.5049	326.5
#1	8.605	.0030	.0113	-.0078	-.0485	.0546	.0228
#2	8.616	.0043	-.0224	.0101	.0057	.0550	-.0090

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0038	.0061
SDev	.0003	.0005
%RSD	6.537	7.987
#1	.0036	.0064
#2	.0040	.0058

Method: 1995 Sample Name: C172824 Operator: CRH
Run Time: 10/05/95 13:46:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0046	.0685	-.0001	.0947	.0000	136.5	.0162
SDev	.0008	.0066	.0024	.0006	.0001	.4	.0007
%RSD	16.92	9.612	2830.	.5990	739.5	.2773	4.368
#1	-.0051	.0639	-.0018	.0943	-.0000	136.2	.0157
#2	-.0040	.0732	.0016	.0951	.0000	136.7	.0167

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	.0006	.0035	.9872	3.709	52.92	1.553
SDev	.0003	.0053	.0017	.0019	.052	.16	.005
%RSD	22.51	950.9	47.14	.1963	1.394	.2957	.3231
#1	.0011	-.0032	.0023	.9858	3.672	52.81	1.549
#2	.0016	.0043	.0047	.9886	3.745	53.03	1.556

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.33	.0080	-.0136	.0167	-.0303	.2301	-.0020
SDev	.12	.0019	.0172	.0303	.0229	.0011	.0208
%RSD	.5282	24.12	127.2	182.0	75.53	.4600	1065.
#1	22.25	.0067	-.0257	-.0048	-.0465	.2293	.0128
#2	22.42	.0094	-.0014	.0381	-.0141	.2308	-.0167

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0011	.0050
SDev	.0002	.0008
%RSD	13.97	16.67
#1	.0013	.0056
#2	.0010	.0044

Method: 1995 Sample Name: C172825 Operator: CRH
Run Time: 10/05/95 13:51:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0055	-.0624	.0044	.1628	.0000	379.5	.1356
SDev	.0029	.0048	.0009	.0001	.0000	.2	.0018
%RSD	52.79	7.724	20.61	.0950	3.648	.0574	1.309
#1	-.0034	-.0590	.0037	.1629	.0000	379.6	.1369
#2	-.0075	-.0658	.0050	.1627	.0000	379.3	.1344

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0054	.0019	.0052	.1125	30.54	143.0	10.86
SDev	.0023	.0017	.0007	.0008	.10	.0	.00
%RSD	43.15	88.30	14.14	.7404	.3142	.0066	.0277
#1	.0071	.0031	.0057	.1131	30.60	143.0	10.86
#2	.0038	.0007	.0047	.1119	30.47	143.0	10.86

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.32	.0334	-.0187	.0131	-.0309	.9697	-.0311
SDev	.02	.0044	.0039	.0109	.0103	.0004	.0021
%RSD	.0359	13.26	20.69	82.74	33.31	.0426	6.632
#1	65.30	.0366	-.0214	.0208	-.0382	.9694	-.0297
#2	65.34	.0303	-.0159	.0054	-.0237	.9700	-.0326

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0004	10.38
SDev	.0005	.02
%RSD	127.8	.1491
#1	.0000	10.39
#2	.0008	10.37

Method: 1995 Sample Name: C172845 Operator: CRH
Run Time: 10/05/95 13:56:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0174	.1811	.0205	.0119	.0007	3.947	.0022
SDev	.0387	.2199	.0028	.0124	.0010	1.536	.0017
%RSD	222.4	121.4	13.52	104.1	147.7	38.91	79.13
#1	.0448	.3366	.0224	.0206	.0014	2.861	.0034
#2	-.0100	.0256	.0185	.0031	-.0000	5.033	.0010

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0163	.0567	.0568	.1007	1.849	1.750	.1078
SDev	.0257	.0767	.0778	.0316	1.498	.164	.0423
%RSD	157.7	135.3	136.9	31.42	81.05	9.354	39.26
#1	.0345	.1109	.1118	.1231	2.908	1.634	.0779
#2	-.0019	.0025	.0018	.0783	.7893	1.866	.1377

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.47	.0317	.1380	.0061	.0475	.0119	-.0036
SDev	25.27	.0410	.1760	.0134	.1155	.0025	.0455
%RSD	31.41	129.6	127.6	219.7	243.2	21.31	1270.
#1	98.34	.0606	.2624	.0155	.1292	.0137	.0286
#2	62.60	.0027	.0135	-.0034	-.0342	.0101	-.0358

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0239	.1896
SDev	.0331	.0142
%RSD	138.6	7.480
#1	.0473	.1796
#2	.0005	.1996

Method: 1995 Sample Name: LCS-R Q333637 Operator: CRH
Run Time: 10/05/95 14:02:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8936	1.110	.9209	.9522	.8528	1.076	.9341
SDev	.0018	.003	.0174	.0024	.0024	.004	.0008
%RSD	.2021	.3086	1.886	.2490	.2860	.4170	.0874
#1	.8923	1.108	.9086	.9506	.8510	1.073	.9335
#2	.8948	1.112	.9332	.9539	.8545	1.079	.9347

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9496	.9946	.9952	.9995	8.852	1.020	.9411
SDev	.0027	.0006	.0006	.0026	.081	.006	.0032
%RSD	.2899	.0655	.0554	.2582	.9137	.5742	.3354
#1	.9477	.9951	.9948	.9976	8.909	1.024	.9389
#2	.9516	.9942	.9956	1.001	8.795	1.016	.9433

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.658	.9459	.9015	.9498	.9353	.0007	.9782
SDev	.024	.0022	.0103	.0039	.0052	.0002	.0245
%RSD	1.424	.2302	1.147	.4111	.5577	22.88	2.503

#1	1.641	.9443	.8942	.9470	.9316	.0008	.9609
#2	1.674	.9474	.9089	.9525	.9390	.0006	.9955

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.9462	.8837
SDev	.0034	.0057
%RSD	.3582	.6460
#1	.9438	.8797
#2	.9486	.8878

Method: 1995 Sample Name: BLA02-R Q333638 Operator: CRH
Run Time: 10/05/95 14:07:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0725	-.0016	.0018	.0001	.0799	-.0003
SDev	.0001	.0116	.0056	.0002	.0001	.0164	.0017
%RSD	5.534	15.93	360.1	11.31	53.95	20.59	689.0
#1	.0010	.0807	.0024	.0020	.0001	.0915	-.0015
#2	.0010	.0644	-.0055	.0017	.0001	.0683	.0010

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	.0061	.0060	.0200	.1501	.0378	.0004
SDev	.0000	.0001	.0022	.0032	.0205	.0063	.0003
%RSD	.1461	1.349	36.89	15.77	13.66	16.80	70.82
#1	.0012	.0061	.0044	.0223	.1356	.0333	.0002
#2	.0012	.0060	.0075	.0178	.1646	.0423	.0006

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3895	.0072	.0140	.0224	-.0113	.0006	-.0138
SDev	.0767	.0009	.0160	.0246	.0144	.0000	.0050
%RSD	19.69	12.25	113.8	109.8	127.3	.1497	36.46
#1	.4438	.0066	.0027	.0398	-.0011	.0006	-.0103
#2	.3353	.0079	.0253	.0050	-.0214	.0006	-.0174

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0024	.0029
SDev	.0001	.0014
%RSD	4.513	48.77
#1	.0023	.0040
#2	.0024	.0019

Method: 1995 Sample Name: CCV-R Operator: CRH
Run Time: 10/05/95 14:12:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.038	4.850	5.308	4.992	4.903	5.220	5.265
SDev	.002	.007	.020	.000	.008	.019	.016
%RSD	.2122	.1469	.3675	.0031	.1564	.3701	.3027
#1	1.040	4.855	5.321	4.992	4.908	5.233	5.276
#2	1.036	4.845	5.294	4.992	4.898	5.206	5.254

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.209	5.374	5.325	5.124	4.845	5.336	5.135
SDev	.017	.021	.001	.010	.116	.023	.016
%RSD	.3285	.3998	.0173	.1855	2.392	.4372	.3129
#1	5.221	5.389	5.324	5.131	4.926	5.352	5.146
#2	5.197	5.359	5.326	5.117	4.763	5.319	5.123

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.10	5.200	5.133	1.046	5.281	5.129	5.228
SDev	.08	.038	.027	.008	.015	.003	.093
%RSD	.3001	.7330	.5267	.7862	.2850	.0671	1.782
#1	25.15	5.227	5.152	1.051	5.291	5.132	5.294
#2	25.05	5.173	5.114	1.040	5.270	5.127	5.162

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	5.089	5.001
SDev	.019	.023
%RSD	.3739	.4589
#1	5.102	5.017
#2	5.075	4.984

Method: 1995 Sample Name: BLA01-R Operator: CRH
Run Time: 10/05/95 14:18:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0010	Q.0028	Q-.0008	Q.0005	Q.0002	Q.0090	Q.0025
SDev	.0023	.0097	.0221	.0000	.0001	.0012	.0005
%RSD	246.1	342.8	2897.	.0000	26.61	13.06	19.61
#1	Q.0026	Q-.0040	Q.0149	Q.0005	Q.0002	Q.0098	Q.0022
#2	Q-.0007	Q.0097	Q-.0164	Q.0005	Q.0002	Q.0082	Q.0029

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	Q-.0014	Q.0004	Q.0008	Q.0027	Q-.0000	Q-.0202	Q.0009
SDev	.0011	.0003	.0022	.0009	.0345	.0005	.0001
%RSD	81.75	80.97	282.8	32.33	437900.	2.254	15.70
#1	Q-.0006	Q.0006	Q-.0008	Q.0034	Q-.0244	Q-.0199	Q.0010
#2	Q-.0022	Q.0002	Q.0023	Q.0021	Q.0244	Q-.0205	Q.0008

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0575	Q.0010	Q-.0054	Q.0136	Q-.0173	Q.0003	Q-.0247
SDev	.0064	.0009	.0391	.0406	.0178	.0000	.0202
%RSD	11.09	91.48	720.2	297.4	102.7	11.78	81.71
#1	Q.0620	Q.0016	Q-.0331	Q-.0150	Q-.0299	Q.0004	Q-.0390
#2	Q.0530	Q.0003	Q.0222	Q.0423	Q-.0047	Q.0003	Q-.0104

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	Q.0009	Q.0002
SDev	.0006	.0013
%RSD	66.57	698.6
#1	Q.0013	Q-.0007
#2	Q.0005	Q.0011

Method: 1995 Sample Name: C172502 2G:50 Operator: CRH
Run Time: 10/05/95 14:43:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0298	k64.30	k.6531	8.672	k.0246	S2203.	k.0090
SDev	.0007	.42	.0147	.086	.0002	.	.0014
%RSD	2.469	.6504	2.254	.9964	.6586	.0011	15.81
#1	k.0303	k64.60	k.6635	8.733	k.0247	S2203.	k.0100
#2	k.0293	k64.01	k.6427	8.611	k.0245	S2203.	k.0080

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.1073	k.6938	1.481	S620.9	k15.91	k301.1	k4.708
SDev	.0010	.0009	.013	.0	.16	1.2	.018
%RSD	.9549	.1285	.8565	.0005	1.019	.4075	.3895
#1	k.1065	k.6932	1.490	S620.9	k16.02	k301.9	k4.721
#2	k.1080	k.6945	1.473	S620.9	k15.79	k300.2	k4.695

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k2.458	k.7876	k2.565	k-.0135	k.0784	k2.344	k-1.012
SDev	.053	.0118	.009	.0260	.0095	.023	.032
%RSD	2.166	1.504	.3478	193.2	12.09	.9699	3.183
#1	k2.496	k.7960	k2.559	k.0049	k.0851	k2.360	k-.9897
#2	k2.421	k.7792	k2.572	k-.0318	k.0717	k2.328	k-1.035

030054

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.3575	k4.415
SDev	.0015	.016
%RSD	.4191	.3655
#1	k.3585	k4.426
#2	k.3564	k4.403

Method: 1995 Sample Name: DUP02 Q333639 Operator: CRH
Run Time: 10/05/95 14:47:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0253	k65.70	k.6783	8.843	k.0251	S2203.	k.0094
SDev	.0023	.07	.0232	.008	.0000	.	.0020
%RSD	9.070	.1088	3.414	.0915	.0418	.0006	21.15
#1	k.0236	k65.65	k.6619	8.849	k.0251	S2203.	k.0080
#2	k.0269	k65.75	k.6947	8.837	k.0251	S2203.	k.0108

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.1119	k.7045	1.512	S620.9	k16.20	k306.7	k4.788
SDev	.0002	.0032	.000	.0	.05	.2	.009
%RSD	.1820	.4597	.0243	.0013	.3362	.0511	.1977
#1	k.1120	k.7068	1.512	S620.9	k16.24	k306.6	k4.781
#2	k.1117	k.7022	1.512	S620.9	k16.16	k306.8	k4.794

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k2.548	k.7963	k2.660	k-.0004	k.1194	k2.397	k-.9458
SDev	.003	.0080	.005	.0229	.0209	.001	.0380
%RSD	.1014	1.001	.1802	5727.	17.48	.0585	4.021
#1	k2.546	k.8019	k2.656	k.0158	k.1046	k2.398	k-.9727
#2	k2.550	k.7906	k2.663	k-.0166	k.1341	k2.396	k-.9189

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.3628	k4.488
SDev	.0017	.014
%RSD	.4598	.3026
#1	k.3616	k4.478
#2	k.3640	k4.497

000055

Method: 1995 Sample Name: DUP02 Q333639 Operator: CRH
Run Time: 10/05/95 14:52:42
Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0629	k64.65	k.5915	10.03	k.0226	S2199.	k-.0038
SDev	.0014	.65	.0500	.12	.0003	.	.0007
%RSD	2.240	1.005	8.462	1.236	1.322	.0046	17.60
#1	k.0639	k65.11	k.6269	10.11	k.0228	S2199.	k-.0043
#2	k.0619	k64.19	k.5561	9.939	k.0224	S2198.	k-.0034

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.1103	k.8257	1.615	S622.6	k16.58	k410.8	k4.370
SDev	.0011	.0053	.019	.0	.25	2.9	.030
%RSD	1.020	.6367	1.161	.0029	1.504	.6972	.6880
#1	k.1095	k.8294	1.628	S622.6	k16.76	k412.8	k4.391
#2	k.1111	k.8219	1.602	S622.5	k16.40	k408.8	k4.348

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k2.424	k.9765	k3.002	k.0089	k.0969	k2.506	k-1.221
SDev	.049	.0156	.004	.0085	.0100	.032	.060
%RSD	2.003	1.601	.1376	95.54	10.32	1.266	4.903
#1	k2.459	k.9875	k2.999	k.0148	k.0898	k2.528	k-1.179
#2	k2.390	k.9654	k3.005	k.0029	k.1040	k2.483	k-1.263

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.3532	k5.431
SDev	.0016	.021
%RSD	.4606	.3949
#1	k.3544	k5.446
#2	k.3521	k5.416

Method: 1995 Sample Name: SPI02 Q333640 Operator: CRH
Run Time: 10/05/95 14:57:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.8483	k56.93	k1.388	21.06	k.8332	k417.3	k.8520
SDev	.0033	.41	.029	.16	.0055	2.9	.0035
%RSD	.3879	.7143	2.086	.7461	.6609	.7009	.4082
#1	k.8460	k56.65	k1.368	20.95	k.8293	k415.2	k.8495
#2	k.8506	k57.22	k1.409	21.17	k.8371	k419.4	k.8544

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.9583	k1.771	2.575	S619.8	k24.72	k138.4	k6.060
SDev	.0050	.007	.018	.0	.13	.8	.038
%RSD	.5210	.3876	.7071	.0011	.5350	.5909	.6222

1P0050

#1	k.9548	k1.766	2.562	S619.7	k24.63	k137.8	k6.034
#2	k.9618	k1.775	2.587	S619.8	k24.82	k138.9	k6.087

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k5.035	k1.697	k3.903	k.5434	k.8180	k2.232	k-.1955
SDev	.016	.009	.035	.0128	.0165	.014	.0255
%RSD	.3136	.5230	.8953	2.350	2.014	.6343	13.07
#1	k5.024	k1.690	k3.878	k.5524	k.8297	k2.222	k-.2135
#2	k5.046	k1.703	k3.928	k.5344	k.8064	k2.242	k-.1774

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k1.263	k9.281
SDev	.008	.057
%RSD	.6553	.6146
#1	k1.257	k9.240
#2	k1.268	k9.321

Method: 1995 Sample Name: DPS02 Q333641 Operator: CRH
Run Time: 10/05/95 15:02:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.8490	k57.06	k1.413	21.12	k.8411	k420.3	k.8594
SDev	.0034	.00	.000	.01	.0002	.2	.0024
%RSD	.4066	.0085	.0287	.0415	.0244	.0425	.2767
#1	k.8515	k57.06	k1.413	21.13	k.8412	k420.2	k.8577
#2	k.8466	k57.06	k1.412	21.11	k.8409	k420.4	k.8610

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.9677	k1.782	2.588	S619.7	k24.79	k139.2	k6.097
SDev	.0016	.002	.001	.0	.07	.0	.000
%RSD	.1683	.0953	.0497	.0005	.2697	.0088	.0071
#1	k.9666	k1.784	2.587	S619.7	k24.84	k139.2	k6.097
#2	k.9689	k1.781	2.589	S619.7	k24.74	k139.3	k6.097

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k4.577	k1.718	k3.911	k.5696	k.8037	k2.244	k-.154
SDev	.018	.005	.024	.0132	.0123	.002	.001
%RSD	.3916	.2767	.6154	2.318	1.534	.1039	.8939
#1	k4.565	k1.715	k3.894	k.5790	k.8124	k2.245	k-.153
#2	k4.590	k1.721	k3.928	k.5603	k.7950	k2.242	k-.155

Elem	V_2924	Zn2138
Units	ppm	ppm

Avge	k1.265	k9.320
SDev	.000	.015
%RSD	.0371	.1644
#1	k1.266	k9.310
#2	k1.265	k9.331

Method: 1995 Sample Name: C172671 2G:50 Operator: CRH
Run Time: 10/05/95 15:08:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k-.0231	k44.59	k.1569	.4789	k.0035	S2151.	k.0024
SDev	.0008	.09	.0029	.0006	.0001	.	.0013
%RSD	3.560	.2053	1.880	.1184	1.588	.0185	55.71
#1	k-.0237	k44.53	k.1548	.4785	k.0035	S2152.	k.0033
#2	k-.0225	k44.66	k.1589	.4793	k.0035	S2151.	k.0014

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0482	k.1269	.2036	156.4	k11.02	S5104.	k6.013
SDev	.0009	.0018	.0022	.4	.01	.	.010
%RSD	1.907	1.438	1.084	.2261	.0849	.0016	.1646
#1	k.0476	k.1282	.2052	156.2	k11.03	S5104.	k6.006
#2	k.0489	k.1256	.2021	156.7	k11.01	S5104.	k6.020

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k1.196	k.1259	k-.5730	k.1592	k-.0045	k1.886	k-.4375
SDev	.011	.0012	.0074	.0026	.0071	.002	.0242
%RSD	.9151	.9575	1.297	1.617	157.1	.0819	5.530
#1	k1.203	k.1268	k-.5677	k.1611	k-.0096	k1.885	k-.4546
#2	k1.188	k.1251	k-.5782	k.1574	k.0005	k1.887	k-.4204

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.2674	k-.0138
SDev	.0002	.0017
%RSD	.0916	12.49
#1	k.2672	k-.0126
#2	k.2676	k-.0150

Method: 1995 Sample Name: C172842 2G:50 Operator: CRH 000058
Run Time: 10/05/95 15:13:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	k.0876	k182.2	k.0216	2.572	k.0109	k244.6	k-.0399
SDev	.0021	.3	.0033	.002	.0001	.7	.0019
%RSD	2.416	.1839	15.10	.0882	.5184	.2858	4.700
#1	k.0891	k182.0	k.0193	2.570	k.0109	k244.1	k-.0386
#2	k.0861	k182.5	k.0239	2.574	k.0108	k245.1	k-.0412

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.1886	k.4966	.7467	S623.2	k16.41	k198.7	k2.389
SDev	.0006	.0006	.0000	.0	.06	.4	.003
%RSD	.3246	.1133	.0000	.0047	.3835	.2191	.1137
#1	k.1881	k.4962	.7467	S623.3	k16.37	k198.4	k2.387
#2	k.1890	k.4970	.7467	S623.2	k16.46	k199.0	k2.391

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k14.08	k.5155	k.1753	k.0150	k.0094	k.4052	k-2.122
SDev	.02	.0059	.0256	.0196	.0139	.0000	.019
%RSD	.1073	1.141	14.63	130.4	146.6	.0101	.8862
#1	k14.09	k.5113	k.1934	k.0012	k-.0003	k.4052	k-2.109
#2	k14.07	k.5196	k.1571	k.0289	k.0192	k.4051	k-2.136

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.6779	k.9629
SDev	.0007	.0035
%RSD	.1056	.3670
#1	k.6774	k.9604
#2	k.6784	k.9654

Method: 1995 Sample Name: C172843 2G:50 Operator: CRH
Run Time: 10/05/95 15:17:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0826	k168.3	k.0105	1.785	k.0108	k323.9	k-.0398
SDev	.0004	1.5	.0627	.017	.0001	2.7	.0011
%RSD	.4347	.9146	596.7	.9389	.9392	.8450	2.762
#1	k.0828	k167.2	k-.0338	1.773	k.0108	k321.9	k-.0390
#2	k.0823	k169.4	k.0548	1.796	k.0109	k325.8	k-.0406

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.1745	k.4902	.6170	S623.2	k13.23	k253.1	k2.294
SDev	.0011	.0009	.0042	.0	.23	2.2	.018
%RSD	.6433	.1827	.6855	.0005	1.734	.8721	.7859
#1	k.1737	k.4908	.6140	S623.2	k13.07	k251.5	k2.281
#2	k.1753	k.4896	.6200	S623.2	k13.40	k254.6	k2.306

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Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k12.66	k.4303	k.1453	k.0600	k.0001	k.3863	k-2.089
SDev	.12	.0002	.0510	.0046	.0179	.0037	.006
%RSD	.9228	.0388	35.10	7.629	33860.	.9632	.3003
#1	k12.58	k.4302	k.1813	k.0568	k.0127	k.3837	k-2.094
#2	k12.74	k.4304	k.1092	k.0633	k-.0126	k.3890	k-2.085

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.5897	k.8811
SDev	.0042	.0081
%RSD	.7141	.9241
#1	k.5868	k.8753
#2	k.5927	k.8868

Method: 1995 Sample Name: C172844 2G:50 Operator: CRH
Run Time: 10/05/95 15:22:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0892	k100.5	k.2375	1.542	k.0070	S2194.	k-.0437
SDev	.0025	.8	.0142	.011	.0001	.	.0017
%RSD	2.818	.8041	5.977	.7253	.9295	.0044	3.816
#1	k.0874	k99.90	k.2475	1.534	k.0070	S2195.	k-.0449
#2	k.0910	k101.0	k.2274	1.550	k.0071	S2194.	k-.0426

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.1513	k.3280	.3735	S623.6	k20.86	k584.2	k12.39
SDev	.0013	.0004	.0022	.0	.15	4.4	.09
%RSD	.8752	.1222	.5909	.0014	.7347	.7517	.7368
#1	k.1504	k.3277	.3719	S623.7	k20.75	k581.1	k12.32
#2	k.1523	k.3283	.3750	S623.6	k20.97	k587.3	k12.45

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k2.560	k.4145	k-.0439	k-.0084	k.0607	k.6764	k-1.65
SDev	.058	.0006	.0215	.0256	.0139	.0054	.04
%RSD	2.247	.1417	49.07	304.6	22.96	.7938	2.603
#1	k2.519	k.4141	k-.0287	k.0097	k.0509	k.6726	k-1.68
#2	k2.600	k.4149	k-.0591	k-.0265	k.0706	k.6802	k-1.62

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.4570	k.8526
SDev	.0017	.0106
%RSD	.3695	1.242

#1	k.4558	k.8452
#2	k.4582	k.8601

Method: 1995 Sample Name: CCV-R Operator: CRH
Run Time: 10/05/95 15:28:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.042	4.852	5.465	5.020	4.987	5.268	5.352
SDev	.005	.013	.043	.001	.005	.031	.015
%RSD	.4329	.2622	.7816	.0247	.0975	.5905	.2844
#1	1.045	4.861	5.495	5.021	4.991	5.290	5.363
#2	1.039	4.843	5.435	5.019	4.984	5.246	5.341

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.215	Q5.524	5.420	5.133	4.925	5.392	5.210
SDev	.024	.016	.003	.011	.065	.035	.013
%RSD	.4573	.2970	.0475	.2085	1.324	.6507	.2561
#1	5.232	Q5.535	5.422	5.141	4.971	5.417	5.219
#2	5.199	Q5.512	5.419	5.126	4.879	5.367	5.200

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.31	5.346	5.297	1.086	5.422	5.158	5.403
SDev	.07	.023	.031	.027	.012	.005	.004
%RSD	.2957	.4386	.5910	2.490	.2269	.1001	.0793
#1	25.36	5.363	5.275	1.067	5.413	5.161	5.400
#2	25.26	5.329	5.319	Q1.105	5.431	5.154	5.406

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	5.184	5.172
SDev	.008	.018
%RSD	.1464	.3462
#1	5.189	5.184
#2	5.179	5.159

Method: 1995 Sample Name: BLA01-R Operator: CRH
Run Time: 10/05/95 15:34:17
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0012	Q.0080	Q.0224	Q.0007	Q.0005	Q.0247	Q.0002
SDev	.0009	.0121	.0109	.0002	.0000	.0045	.0032
%RSD	76.38	151.5	48.84	31.43	2.166	18.27	1814.

#1	Q.0005	Q-.0006	Q.0147	Q.0005	Q.0005	Q.0215	Q-.0021
#2	Q.0018	Q.0165	Q.0301	Q.0008	Q.0005	Q.0278	Q.0024

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q-.0004	Q.0002	Q.0022	Q.0020	Q.0907	Q.0007	Q.0010
SDev	.0006	.0036	.0013	.0020	.0733	.0127	.0003
%RSD	140.4	2074.	58.23	98.09	80.82	1948.	28.26

#1	Q-.0009	Q-.0023	Q.0013	Q.0006	Q.0389	Q-.0083	Q.0008
#2	Q-.0000	Q.0027	Q.0031	Q.0034	Q.1426	Q.0096	Q.0012

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0484	Q.0036	Q-.0147	Q-.0041	Q-.0019	Q.0006	Q-.0028
SDev	.0109	.0015	.0360	.0179	.0083	.0000	.0071
%RSD	22.55	42.66	244.7	438.9	441.1	.0408	256.6

#1	Q.0562	Q.0025	Q.0108	Q-.0167	Q.0040	Q.0006	Q-.0078
#2	Q.0407	Q.0047	Q-.0402	Q.0086	Q-.0077	Q.0006	Q.0023

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	Q.0002	Q.0036
SDev	.0016	.0000
%RSD	816.3	1.188

#1	Q-.0010	Q.0036
#2	Q.0014	Q.0037

Method: 1995 Sample Name: C172790 2G:5000 Operator: CRH
Run Time: 10/05/95 15:39:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	1.778	.0041	.0275	.0003	15.86	-.000
SDev	.0030	.007	.0108	.0001	.0000	.08	.000
%RSD	681.6	.4059	265.0	.5619	15.11	.5068	1015.

#1	.0025	1.773	.0117	.0274	.0002	15.80	.0006
#2	-.0017	1.784	-.0035	.0276	.0003	15.91	-.00

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn25
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	.0074	.0172	5.145	.4198	8.041	.138
SDev	.0013	.0037	.0029	.035	.0863	.048	.001
%RSD	79.95	50.00	17.14	.6819	20.55	.592	.722

C30002

#1	.0026	.0101	.0192	5.120	.4808	8.007	.138
#2	.0007	.0048	.0151	5.170	.3588	8.075	.139

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	T119
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.5431	.0096	.0111	.0077	-.0211	.0153	-.0151
SDev	.0092	.0033	.0191	.0193	.0092	.0002	.0067
%RSD	1.695	34.58	172.0	249.1	43.35	1.540	44.44
#1	.5496	.0119	.0246	-.0059	-.0276	.0151	-.0103
#2	.5366	.0072	-.0024	.0214	-.0146	.0155	-.0198

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0069	.1810
SDev	.0011	.0013
%RSD	15.91	.7271
#1	.0061	.1819
#2	.0077	.1801

Method: 1995 Sample Name: C172791 2G:5000 Operator: CRH
Run Time: 10/05/95 15:43:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	3.139	.0122	.0809	.0003	18.78	.0023
SDev	.0005	.000	.0076	.0002	.0000	.06	.0008
%RSD	41.52	.0001	62.43	.2548	7.595	.3152	32.59
#1	.0009	3.139	.0176	.0811	.0003	18.82	.0018
#2	.0016	3.139	.0068	.0808	.0004	18.74	.0028

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257[illegible]
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0047	.0131	.0425	7.997	.6390	8.131	.1555
SDev	.0005	.0002	.0002	.022	.0383	.015	.0004
%RSD	10.90	1.263	.4325	.2710	5.988	.1896	.2765
#1	.0050	.0132	.0427	8.013	.6661	8.142	.1558
#2	.0043	.0130	.0424	7.982	.6120	8.120	.1552

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.255	.0145	.1929	.0219	.0040	.0186	-.003
SDev	.005	.0010	.0062	.0109	.0109	.0000	.030
%RSD	.4044	7.245	3.213	49.65	271.8	.1965	770.1
#1	1.252	.0152	.1973	.0142	.0117	.0186	.0174
#2	1.259	.0137	.1886	.0296	-.0037	.0186	-.025

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0105	.2793
SDev	.0009	.0016
%RSD	8.466	.5646
#1	.0099	.2805
#2	.0112	.2782

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Method: 1995 Sample Name: C172503 2G:50 Operator: CRH
Run Time: 10/05/95 15:48:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k-.7361	k70.25	k1.294	55.68	k.0080	S2190.	k.5965
SDev	.0876	.63	.020	.81	.0000	.	.0374
%RSD	11.91	.9024	1.532	1.463	.4147	.0001	6.272
#1	k-.6741	k70.70	k1.280	56.25	k.0081	S2190.	k.5700
#2	k-.7981	k69.80	k1.308	55.10	k.0080	S2190.	k.6229

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.3748	k3.701	10.47	S387.6	k18.07	k293.6	k17.83
SDev	.0045	.045	.13	298.4	.09	1.1	.08
%RSD	1.204	1.207	1.232	76.99	.5022	.3753	.4262
#1	k.3780	k3.732	10.56	S598.6	k18.00	k294.4	k17.89
#2	k.3716	k3.669	10.38	176.6	k18.13	k292.9	k17.78

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k1.786	k8.169	k26.24	k.2327	k.3123	k4.890	k4.187
SDev	.048	.025	.02	.0403	.0736	.063	.590
%RSD	2.662	.3079	.0926	17.32	23.58	1.292	14.09
#1	k1.819	k8.186	k26.22	k.2042	k.3643	k4.935	k3.769
#2	k1.752	k8.151	k26.26	k.2612	k.2602	k4.846	k4.604

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.2933	k53.34
SDev	.0040	.00
%RSD	1.380	.0050
#1	k.2961	k53.34
#2	k.2904	k53.34

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Method: 1995 Sample Name: C172504 2G:50 Operator: CRH
Run Time: 10/05/95 15:53:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0651	k65.48	k.2613	12.61	k.0101	S2198.	k-.013
SDev	.0022	.32	.0163	.06	.0000	.	.000
%RSD	3.398	.4855	6.233	.4985	.2751	.0058	5.902
#1	k.0667	k65.25	k.2498	12.56	k.0102	S2198.	k-.013
#2	k.0635	k65.70	k.2728	12.65	k.0101	S2198.	k-.014

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.1119	k.9118	1.541	S622.6	k9.553	k453.5	k5.383
SDev	.0009	.0006	.004	.0	.261	2.2	.026
%RSD	.8218	.0626	.2864	.0069	2.734	.4743	.4815
#1	k.1125	k.9114	1.538	S622.5	k9.738	k452.0	k5.364
#2	k.1112	k.9122	1.544	S622.6	k9.368	k455.1	k5.401

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.7420	k1.052	k3.072	k.0171	k.0475	k1.486	k-1.038
SDev	.0200	.009	.033	.0017	.0513	.006	.003
%RSD	2.698	.8431	1.060	10.14	108.0	.4035	.2721
#1	k.7279	k1.046	k3.095	k.0183	k.0837	k1.482	k-1.036
#2	k.7562	k1.058	k3.048	k.0158	k.0112	k1.490	k-1.040

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.2040	k7.474
SDev	.0002	.021
%RSD	.1073	.2752
#1	k.2038	k7.459
#2	k.2042	k7.488

Method: 1995 Sample Name: C172502 2G:500 Operator: CRH
Run Time: 10/05/95 15:59:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	7.233	.0817	.9561	.0029	75.51	.0041
SDev	.0002	.044	.0044	.0050	.0000	.05	.0005
%RSD	14.84	.6099	5.398	.5176	.4585	.0665	11.57
#1	-.0015	7.202	.0786	.9526	.0029	75.47	.0038
#2	-.0012	7.264	.0848	.9596	.0028	75.54	.0044

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Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0123	.0814	.1716	54.54	1.839	33.93	.5671
SDev	.0015	.0040	.0037	.15	.063	.06	.0003
%RSD	12.43	4.948	2.143	.2829	3.407	.1817	.0503
#1	.0134	.0842	.1742	54.43	1.883	33.88	.5669
#2	.0112	.0785	.1690	54.65	1.794	33.97	.5673

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl19(
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.019	.1029	.3037	-.0041	-.0278	.2775	-.10
SDev	.013	.0044	.0232	.0105	.0246	.0008	.04
%RSD	1.262	4.308	7.652	256.8	88.35	.2730	46.7

#1	1.028	.1060	.3201	.0034	-.0104	.2770	-.1383
#2	1.010	.0997	.2873	-.0116	-.0452	.2780	-.0696

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0407	.5388
SDev	.0003	.0004
%RSD	.8212	.0698
#1	.0410	.5390
#2	.0405	.5385

Method: 1995 Sample Name: DUP02 Q333639 2G:500 Operator: CRH
Run Time: 10/05/95 16:04:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0055	7.182	.0607	.9496	.0028	74.85	.0039
SDev	.0009	.053	.0062	.0081	.0000	.47	.0003
%RSD	17.14	.7354	10.22	.8524	.4135	.6334	7.743
#1	-.0048	7.220	.0564	.9553	.0028	75.18	.0037
#2	-.0062	7.145	.0651	.9439	.0028	74.51	.0041

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0104	.0800	.1689	54.18	1.757	33.60	.5626
SDev	.0007	.0014	.0020	.37	.036	.28	.0040
%RSD	6.840	1.774	1.198	.6870	2.041	.8205	.7128
#1	.0109	.0790	.1703	54.44	1.782	33.80	.5655
#2	.0099	.0810	.1675	53.91	1.732	33.41	.5598

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9728	.0960	.2889	.0136	-.0129	.2755	-.1000
SDev	.0111	.0031	.0129	.0258	.0047	.0021	.0213
%RSD	1.137	3.273	4.462	189.1	36.23	.7745	21.07
#1	.9806	.0982	.2980	-.0046	-.0162	.2770	-.0851
#2	.9650	.0938	.2798	.0319	-.0096	.2740	-.1148

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0401	.5327
SDev	.0010	.0034
%RSD	2.572	.6352
#1	.0408	.5351
#2	.0394	.5303

Method: 1995 Sample Name: DUP02 Q333639 2G:500 Operator: CRH
Run Time: 10/05/95 16:09:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	7.069	.0770	1.091	.0026	100.5	.0040
SDev	.0007	.092	.0049	.016	.0000	.8	.0035
%RSD	96.08	1.302	6.377	1.427	.0895	.7496	87.25
#1	-.0002	7.134	.0735	1.102	.0026	101.0	.0015
#2	-.0012	7.004	.0805	1.080	.0027	99.94	.0065

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0118	.0974	.1841	38.55	1.801	45.16	.5212
SDev	.0012	.0006	.0055	.31	.040	.37	.0040
%RSD	10.36	.6129	2.996	.8118	2.231	.8152	.7691
#1	.0109	.0979	.1880	38.77	1.829	45.42	.5240
#2	.0127	.0970	.1802	38.33	1.772	44.90	.5184

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7234	.1243	.3799	.0088	-.0130	.2901	-.0914
SDev	.0339	.0020	.0023	.0050	.0184	.0035	.0332
%RSD	4.684	1.622	.6150	56.98	141.7	1.213	36.35
#1	.6994	.1257	.3816	.0052	-.0260	.2926	-.1149
#2	.7474	.1228	.3782	.0123	.0000	.2876	-.0679

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0413	.6534
SDev	.0012	.0073
%RSD	2.947	1.116
#1	.0421	.6585
#2	.0404	.6482

Method: 1995 Sample Name: SPI02 Q333640 2G:500 Operator: CRH
Run Time: 10/05/95 16:13:51
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0969	6.323	.1734	2.234	.0960	49.36	.1085
SDev	.0047	.338	.0121	.117	.0049	2.38	.0047
%RSD	4.869	5.350	6.975	5.245	5.128	4.815	4.350
#1	.1002	6.562	.1648	2.317	.0994	51.04	.1118
#2	.0936	6.083	.1819	2.151	.0925	47.68	.1052

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.1172	.2157	.2943	64.71	2.729	15.67	.7175
SDev	.0038	.0052	.0142	3.04	.104	.75	.0357
%RSD	3.216	2.389	4.812	4.703	3.799	4.781	4.976
#1	.1199	.2194	.3043	66.86	2.803	16.20	.7428
#2	.1145	.2121	.2843	62.56	2.656	15.14	.6923

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8472	.2113	.4752	.0687	.0777	.2495	-.0335
SDev	.0138	.0053	.0134	.0124	.0168	.0130	.0346
%RSD	1.627	2.521	2.819	18.12	21.65	5.222	103.4
#1	.8375	.2151	.4657	.0599	.0896	.2587	-.0090
#2	.8570	.2076	.4846	.0775	.0658	.2403	-.0580

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.1458	1.102
SDev	.0062	.050
%RSD	4.225	4.504
#1	.1502	1.137
#2	.1415	1.067

Method: 1995 Sample Name: DPS02 Q333641 2G:500 Operator: CRH
Run Time: 10/05/95 16:18:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0937	6.299	.1731	2.242	.0960	49.01	.1093
SDev	.0011	.036	.0123	.019	.0008	.35	.0029
%RSD	1.166	.5651	7.106	.8600	.8081	.7050	2.672
#1	.0945	6.324	.1818	2.256	.0965	49.26	.1113
#2	.0930	6.274	.1644	2.228	.0954	48.77	.1072

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Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1167	.2100	.2904	64.64	2.665	15.57	.7161
SDev	.0002	.0010	.0024	.43	.083	.15	.0053
%RSD	.1763	.4800	.8233	.6631	3.125	.9755	.7407
#1	.1165	.2107	.2921	64.95	2.724	15.68	.7198
#2	.1168	.2093	.2887	64.34	2.606	15.46	.7123

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8648	.2072	.4570	.0961	.0660	.2499	-.0328
SDev	.0072	.0027	.0004	.0063	.0117	.0025	.0127
%RSD	.8307	1.282	.0804	6.574	17.70	1.017	38.77
#1	.8698	.2053	.4567	.0916	.0577	.2517	-.0418
#2	.8597	.2091	.4572	.1006	.0743	.2481	-.0238

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.1447	1.098
SDev	.0040	.007
%RSD	2.742	.6814
#1	.1475	1.103
#2	.1419	1.093

Method: 1995 Sample Name: C172671 2G:500 Operator: CRH
Run Time: 10/05/95 16:24:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0066	5.215	.0312	.0581	.0005	411.6	.0001
SDev	.0017	.043	.0151	.0002	.0001	3.4	.0013
%RSD	25.61	.8265	48.40	.3549	18.14	.8193	1729.
#1	-.0054	5.185	.0418	.0580	.0006	409.2	-.000
#2	-.0077	5.245	.0205	.0583	.0005	413.9	.0010

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0073	.0190	.0296	20.11	1.341	173.0	.7856
SDev	.0015	.0016	.0029	.20	.051	1.5	.0074
%RSD	21.02	8.404	9.924	.9857	3.770	.8925	.9452
#1	.0084	.0201	.0317	19.97	1.377	171.9	.7803
#2	.0062	.0179	.0276	20.25	1.305	174.1	.7908

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5305	.0168	-.0302	.0098	-.0108	.2172	-.036
SDev	.0039	.0022	.0034	.0036	.0045	.0022	.008
%RSD	.7264	12.95	11.23	36.24	41.88	.9959	22.37
#1	.5277	.0183	-.0278	.0073	-.0076	.2157	-.041
#2	.5332	.0152	-.0325	.0123	-.0141	.2187	-.030

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0332	.0058
SDev	.0011	.0001
%RSD	3.348	1.326
#1	.0340	.0058
#2	.0324	.0059

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Method: 1995 Sample Name: CCV-R Operator: CRH
Run Time: 10/05/95 16:30:16
Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.027	4.811	5.440	5.007	4.918	5.179	5.259
SDev	.010	.026	.031	.039	.029	.034	.020
%RSD	1.019	.5364	.5685	.7793	.5908	.6498	.3805
#1	1.034	4.829	5.462	5.035	4.939	5.203	5.273
#2	1.020	4.793	5.418	4.980	4.898	5.155	5.245

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.154	5.467	5.436	5.056	4.781	5.320	5.141
SDev	.039	.043	.044	.029	.176	.039	.035
%RSD	.7534	.7845	.8119	.5765	3.686	.7242	.6836
#1	5.182	5.498	5.467	5.077	4.906	5.347	5.166
#2	5.127	5.437	5.405	5.035	4.657	5.292	5.116

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.09	5.236	5.169	1.090	5.374	5.157	5.356
SDev	.22	.039	.044	.002	.059	.043	.041
%RSD	.8917	.7435	.8544	.1961	1.106	.8328	.7676
#1	25.25	5.264	5.200	1.092	5.416	5.187	5.327
#2	24.94	5.209	5.138	1.089	5.332	5.126	5.385

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	5.107	5.032
SDev	.037	.038
%RSD	.7243	.7536
#1	5.133	5.059
#2	5.080	5.005

Method: 1995 Sample Name: BLA01-R Operator: CRH
Run Time: 10/05/95 16:36:01
Comment:
Mode: CONC Corr. Factor: 1

030070

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0012	Q.0015	Q.0026	Q.0008	Q.0004	Q.0269	Q.0001
SDev	.0009	.0078	.0065	.0004	.0001	.0018	.0004
%RSD	75.43	521.0	248.9	47.14	23.43	6.557	776.6
#1	Q.0018	Q-.0040	Q-.0020	Q.0010	Q.0005	Q.0281	Q.0003
#2	Q.0006	Q.0070	Q.0072	Q.0005	Q.0003	Q.0256	Q-.0002

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q-.0010	Q-.0002	Q.0030	Q.0016	Q.0484	Q-.0083	Q.0004
SDev	.0022	.0016	.0017	.0010	.0307	.0045	.0003
%RSD	222.2	939.2	55.34	63.74	63.48	54.46	70.65

#1	Q.0006	Q.0010	Q.0042	Q.0023	Q.0267	Q-.0115	Q.0002
#2	Q-.0026	Q-.0013	Q.0018	Q.0009	Q.0701	Q-.0051	Q.0006

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0395	Q.0004	Q-.0201	Q.0073	Q-.0038	Q.0006	Q-.0250
SDev	.0118	.0025	.0309	.0192	.0387	.0001	.0017
%RSD	29.95	625.9	154.0	262.5	1010.	13.49	6.913
#1	Q.0478	Q-.0014	Q.0018	Q.0209	Q.0236	Q.0006	Q-.0263
#2	Q.0311	Q.0022	Q-.0419	Q-.0063	Q-.0312	Q.0005	Q-.0238

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	Q.0006	Q.0038
SDev	.0004	.0003
%RSD	78.17	6.817
#1	Q.0009	Q.0036
#2	Q.0002	Q.0040

Method: 1995 Sample Name: C172842 2G:500 Operator: CRH
Run Time: 10/05/95 16:40:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	19.93	-.0005	.2829	.0014	28.62	.0027
SDev	.0021	.27	.0148	.0043	.0001	.26	.0014
%RSD	217.6	1.377	2978.	1.531	4.017	.9251	54.16
#1	.0024	19.74	.0099	.2798	.0014	28.43	.0016
#2	-.0005	20.12	-.0109	.2859	.0014	28.81	.0037

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0218	.0557	.0878	31.38	1.851	21.98	.2776
SDev	.0024	.0004	.0006	.33	.050	.19	.0026
%RSD	10.75	.7867	.6285	1.048	2.723	.8435	.9285
#1	.0235	.0554	.0874	31.14	1.815	21.85	.2758
#2	.0202	.0560	.0882	31.61	1.886	22.12	.2795

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Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.009	.0674	.0098	.0127	-.0147	.0452	-.184
SDev	.006	.0040	.0272	.0345	.0181	.0006	.029
%RSD	.2772	5.860	276.1	272.7	122.8	1.294	15.98
#1	2.005	.0646	.0291	.0371	-.0019	.0448	-.164
#2	2.013	.0702	-.0094	-.0118	-.0275	.0456	-.205

Elem	V_2924	Zn2138
Units	ppm	ppm

Avge	.0782	.1181
SDev	.0005	.0014
%RSD	.6368	1.197
#1	.0786	.1191
#2	.0779	.1171

Method: 1995 Sample Name: C172843 2G:500 Operator: CRH
Run Time: 10/05/95 16:45:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	18.60	-.0069	.2001	.0013	37.98	.0012
SDev	.0020	.11	.0069	.0009	.0001	.09	.0017
%RSD	395.0	.6004	100.9	.4380	4.018	.2400	137.9
#1	-.0009	18.68	-.0118	.2007	.0013	38.04	.0024
#2	.0020	18.52	-.0020	.1995	.0013	37.91	.0000

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0195	.0574	.0743	32.02	1.505	28.02	.2697
SDev	.0040	.0022	.0024	.13	.075	.12	.0010
%RSD	20.38	3.917	3.220	.3971	4.950	.4127	.3714
#1	.0167	.0559	.0726	32.11	1.453	28.10	.2704
#2	.0223	.0590	.0759	31.93	1.558	27.93	.2690

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.718	.0582	.0163	.0357	-.0106	.0434	-.1909
SDev	.006	.0002	.0453	.0071	.0015	.0001	.0052
%RSD	.3612	.4146	278.8	19.98	14.14	.1045	2.702
#1	1.713	.0584	-.0158	.0306	-.0095	.0434	-.1945
#2	1.722	.0581	.0483	.0407	-.0117	.0435	-.1872

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0693	.1096
SDev	.0015	.0007
%RSD	2.227	.6025
#1	.0682	.1091
#2	.0703	.1100

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Method: 1995 Sample Name: C172844 2G:500 Operator: CRH
Run Time: 10/05/95 16:50:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.0015	11.07	.0113	.1745	.0009	122.6	.0007
SDev	.0024	.03	.0041	.0003	.0001	.0	.0005
%RSD	162.2	.2406	36.61	.1772	5.859	.0331	64.19
#1	-.0032	11.08	.0084	.1748	.0009	122.6	.0010
#2	.0002	11.05	.0142	.1743	.0009	122.5	.0004

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0187	.0401	.0484	28.32	2.346	64.67	1.490
SDev	.0001	.0025	.0029	.03	.040	.12	.003
%RSD	.5448	6.239	6.083	.1196	1.702	.1796	.2117
#1	.0186	.0383	.0463	28.35	2.318	64.75	1.492
#2	.0187	.0419	.0505	28.30	2.375	64.59	1.487

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7033	.0539	-.0074	.0129	-.0289	.0852	-.1183
SDev	.0024	.0027	.0128	.0113	.0189	.0003	.0292
%RSD	.3379	5.078	173.7	88.03	65.58	.3730	24.69
#1	.7016	.0520	.0017	.0209	-.0423	.0854	-.0976
#2	.7049	.0559	-.0164	.0049	-.0155	.0850	-.1389

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0548	.1131
SDev	.0013	.0005
%RSD	2.425	.4726
#1	.0538	.1135
#2	.0557	.1128

Method: 1995 Sample Name: C172503 2G:500 Operator: CRH
Run Time: 10/05/95 16:55:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0689	k8.193	k.1737	5.923	k.0010	k151.7	k-.0068
SDev	.0005	.017	.0245	.014	.0001	.7	.0010
%RSD	.6612	.2022	14.13	.2280	5.096	.4357	15.27
#1	k.0692	k8.181	k.1563	5.913	k.0011	k151.6	k-.0060
#2	k.0686	k8.204	k.1910	5.933	k.0010	k152.2	k-.0075

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Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.0489	k.5457	1.209	S622.2	k1.800	k35.22	k2.288
SDev	.0016	.0017	.000	.0	.024	.08	.008
%RSD	3.328	.3115	.0304	.0006	1.345	.2306	.3447
#1	k.0501	k.5445	1.209	S622.2	k1.782	k35.16	k2.283
#2	k.0478	k.5469	1.210	S622.1	k1.817	k35.28	k2.294

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.8179	k1.099	k3.490	k.0585	k.0278	k.5862	k-.6143
SDev	.0073	.013	.060	.0034	.0144	.0008	.0274
%RSD	.8904	1.158	1.712	5.808	51.98	.1436	4.460
#1	k.8231	k1.108	k3.533	k.0609	k.0380	k.5856	k-.6337
#2	k.8128	k1.090	k3.448	k.0561	k.0176	k.5868	k-.5949

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	k.0351	k6.728
SDev	.0013	.020
%RSD	3.647	.3039
#1	k.0360	k6.714
#2	k.0342	k6.742

Method: 1995 Sample Name: C172504 2G:500 Operator: CRH
Run Time: 10/05/95 17:00:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	7.391	.0277	1.408	.0012	104.1	.0024
SDev	.0011	.075	.0093	.015	.0000	.4	.0005
%RSD	97.46	1.014	33.44	1.091	2.113	.3798	22.45
#1	-.0004	7.444	.0212	1.419	.0012	104.4	.0020
#2	-.0019	7.338	.0343	1.397	.0012	103.9	.0027

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0118	.1080	.1791	38.67	1.149	50.43	.6536
SDev	.0024	.0062	.0002	.25	.078	.26	.0036
%RSD	20.76	5.742	.1027	.6379	6.820	.5225	.5478
#1	.0101	.1036	.1789	38.85	1.094	50.62	.6562
#2	.0135	.1124	.1792	38.50	1.204	50.24	.6511

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.8189	.1346	.3644	.0122	-.0228	.1794	.0742
SDev	.0524	.0020	.0269	.0105	.0049	.0008	.0392
%RSD	6.403	1.497	7.370	86.44	21.49	.9912	52.90
#1	.7818	.1360	.3454	.0196	-.0194	.1806	-.1019
#2	.8560	.1331	.3834	.0047	-.0263	.1781	-.0464

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0241	.9114
SDev	.0012	.0027
%RSD	5.119	.2937

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#1	.0232	.9133
#2	.0250	.9095

Method: 1995 Sample Name: C172718 2G:500 Operator: CRH
Run Time: 10/05/95 17:06:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0027	24.38	.0242	.8022	.0021	268.0	.0024
SDev	.0003	.05	.0096	.0017	.0000	.0	.0007
%RSD	11.65	.1996	39.55	.2121	1.502	.0126	29.21
#1	-.0030	24.42	.0309	.8034	.0021	268.0	.0029
#2	-.0025	24.35	.0174	.8010	.0021	268.1	.0019

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0141	.0280	.0375	25.88	6.064	14.78	1.055
SDev	.0002	.0024	.0015	.01	.025	.03	.001
%RSD	1.435	8.397	3.928	.0236	.4087	.2088	.1359
#1	.0143	.0263	.0364	25.88	6.081	14.80	1.056
#2	.0140	.0296	.0385	25.88	6.046	14.76	1.054

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.064	.0325	.0093	.0084	-.0155	.4975	-.0034
SDev	.007	.0030	.0054	.0264	.0114	.0010	.0076
%RSD	.1351	9.184	58.17	315.4	73.66	.1935	225.8
#1	5.059	.0346	.0132	-.0103	-.0235	.4982	.0020
#2	5.069	.0304	.0055	.0270	-.0074	.4968	-.0088

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0548	.1574
SDev	.0019	.0011
%RSD	3.502	.7017
#1	.0562	.1581
#2	.0535	.1566

Method: 1995 Sample Name: DUP02 Q333614 2G:500 Operator: CRH
Run Time: 10/05/95 17:10:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0031	24.12	.0104	.7933	.0021	263.8	.0005
SDev	.0007	.02	.0154	.0004	.0000	.1	.0011
%RSD	23.16	.0825	148.8	.0455	2.110	.0480	218.3

#1	-.0026	24.11	-.0005	.7931	.0020	263.7	.0013
#2	-.0036	24.13	.0213	.7936	.0021	263.9	-.0003

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0148	.0276	.0365	25.51	5.954	14.62	1.040
SDev	.0003	.0019	.0006	.04	.007	.03	.000
%RSD	2.075	7.047	1.510	.1712	.1093	.2046	.0413
#1	.0146	.0263	.0369	25.48	5.958	14.60	1.040
#2	.0150	.0290	.0361	25.55	5.949	14.64	1.040

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.059	.0346	.0157	.0150	-.0286	.4918	-.0102
SDev	.014	.0014	.0246	.0045	.0114	.0005	.0125
%RSD	.2733	4.194	156.7	29.91	39.84	.0961	122.6
#1	5.069	.0335	-.0017	.0181	-.0205	.4915	-.0014
#2	5.049	.0356	.0331	.0118	-.0366	.4922	-.0191

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0539	.1492
SDev	.0013	.0003
%RSD	2.374	.1650
#1	.0548	.1491
#2	.0530	.1494

Method: 1995 Sample Name: DUP02 Q333614 2G:500 Operator: CRH
Run Time: 10/05/95 17:15:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0016	23.34	.0260	.8414	.0020	280.2	.0005
SDev	.0010	.11	.0053	.0045	.0000	.9	.0016
%RSD	63.21	.4765	20.31	.5331	2.017	.3359	358.7
#1	-.0024	23.42	.0222	.8446	.0020	280.8	.0016
#2	-.0009	23.26	.0297	.8382	.0020	279.5	-.0007

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0146	.0219	.0378	24.60	5.839	14.81	1.010
SDev	.0024	.0022	.0028	.11	.101	.07	.005
%RSD	16.82	10.27	7.290	.4610	1.729	.4499	.4683
#1	.0128	.0203	.0359	24.68	5.768	14.86	1.014
#2	.0163	.0235	.0398	24.52	5.911	14.77	1.007

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

00001

Avge	5.034	.0356	.0134	.0144	-.0169	.5035	-.0342
SDev	.024	.0043	.0020	.0130	.0008	.0032	.0117
%RSD	.4674	11.98	15.26	90.30	4.648	.6408	34.25
#1	5.051	.0326	.0148	.0235	-.0164	.5058	-.0424
#2	5.017	.0387	.0119	.0052	-.0175	.5013	-.0259

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0544	.1043
SDev	.0003	.0005
%RSD	.6031	.5143
#1	.0542	.1047
#2	.0547	.1039

Method: 1995 Sample Name: SPI02 Q333615 2G:500 Operator: CRH
Run Time: 10/05/95 17:20:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0902	23.06	.1114	.8162	.0912	463.0	.0960
SDev	.0010	.05	.0103	.0012	.0001	.5	.0003
%RSD	1.111	.2233	9.200	.1516	.1521	.1021	.2927
#1	.0895	23.09	.1041	.8171	.0913	462.7	.0962
#2	.0909	23.02	.1186	.8153	.0911	463.4	.0958

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1076	.1234	.1367	22.98	6.250	14.80	.9564
SDev	.0004	.0005	.0020	.02	.011	.04	.0000
%RSD	.3793	.3909	1.480	.0786	.1810	.2423	.0001
#1	.1079	.1231	.1352	23.00	6.242	14.82	.9564
#2	.1074	.1238	.1381	22.97	6.258	14.77	.9564

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.750	.1245	.0813	.0076	.0797	.4747	.0788
SDev	.005	.0020	.0083	.0212	.0199	.0007	.0052
%RSD	.1304	1.618	10.16	277.5	24.93	.1492	6.583
#1	3.747	.1231	.0871	.0226	.0938	.4752	.0751
#2	3.754	.1259	.0754	-.0073	.0657	.4742	.0824

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.1366	.1700
SDev	.0007	.0013
%RSD	.5238	.7602
#1	.1361	.1691
#2	.1371	.1709

Method: 1995 Sample Name: DPS02 Q333616 2G:500 Operator: CRH
Run Time: 10/05/95 17:25:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0895	23.26	.1146	.8233	.0916	463.9	.0967
SDev	.0011	.05	.0023	.0022	.0001	.8	.0009
%RSD	1.223	.1948	2.041	.2693	.0583	.1646	.9470
#1	.0903	23.23	.1129	.8217	.0916	463.4	.0961
#2	.0887	23.29	.1163	.8249	.0917	464.4	.0974

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1085	.1246	.1367	23.10	6.320	14.88	.9611
SDev	.0002	.0051	.0013	.04	.065	.05	.0014
%RSD	.1881	4.085	.9419	.1902	1.034	.3229	.1492
#1	.1086	.1282	.1376	23.07	6.366	14.84	.9601
#2	.1084	.1210	.1358	23.14	6.274	14.91	.9621

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.014	.1228	.0898	-.0291	.0717	.4791	.0938
SDev	.006	.0028	.0289	.0035	.0047	.0013	.0044
%RSD	.1406	2.295	32.12	12.07	6.574	.2663	4.717
#1	4.018	.1248	.0694	-.0266	.0684	.4782	.0969
#2	4.010	.1208	.1102	-.0316	.0751	.4800	.0906

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.1389	.1697
SDev	.0008	.0012
%RSD	.5790	.7291
#1	.1383	.1688
#2	.1395	.1705

Method: 1995 Sample Name: CCV-R Operator: CRH
Run Time: 10/05/95 17:31:05
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.034	4.863	5.477	5.080	4.940	5.193	5.260
SDev	.001	.006	.011	.003	.002	.007	.004
%RSD	.1377	.1266	.1965	.0589	.0474	.1313	.0844
#1	1.035	4.867	5.469	5.082	4.939	5.189	5.257
#2	1.033	4.858	5.485	5.078	4.942	5.198	5.263

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.190	Q5.520	Q5.541	5.087	4.857	5.343	5.165
SDev	.004	.007	.001	.004	.033	.024	.008
%RSD	.0725	.1257	.0266	.0757	.6772	.4516	.1500
#1	5.188	Q5.515	Q5.540	5.084	4.881	5.326	5.159
#2	5.193	Q5.525	Q5.542	5.090	4.834	5.360	5.170

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.51	5.250	5.120	1.083	5.398	5.248	5.380
SDev	.07	.035	.021	.007	.028	.003	.034
%RSD	.2919	.6600	.4127	.6259	.5266	.0641	.6344
#1	25.46	5.225	5.105	1.088	5.377	5.251	5.356
#2	25.56	5.274	5.134	1.079	5.418	5.246	5.404

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	5.124	4.999
SDev	.011	.006
%RSD	.2053	.1202
#1	5.117	5.003
#2	5.132	4.995

Method: 1995 Sample Name: BLA01-R Operator: CRH
Run Time: 10/05/95 17:36:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0009	Q.0084	Q.0248	Q.0001	Q.0003	Q.0316	Q.0002
SDev	.0008	.0137	.0014	.0002	.0000	.0061	.0003
%RSD	84.15	163.3	5.768	141.4	4.229	19.25	161.7
#1	Q.0004	Q-.0013	Q.0258	Q.0000	Q.0003	Q.0359	Q-.000
#2	Q.0015	Q.0181	Q.0238	Q.0003	Q.0003	Q.0273	Q.0004

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q-.0020	Q-.0039	Q.0005	Q.0022	Q.0450	Q-.0160	Q.0008
SDev	.0016	.0063	.0026	.0001	.0377	.0109	.0000
%RSD	80.76	159.9	495.0	2.459	83.92	67.92	.0295
#1	Q-.0032	Q-.0084	Q-.0013	Q.0022	Q.0717	Q-.0237	Q.0008
#2	Q-.0009	Q.0005	Q.0023	Q.0023	Q.0183	Q-.0083	Q.0008

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0362	Q.0010	Q-.0225	Q-.0012	Q-.0225	Q.0004	Q-.012
SDev	.0027	.0021	.0047	.0122	.0106	.0002	.005
%RSD	7.482	204.3	21.09	1053.	47.30	65.70	45.21

#1	Q.0343	Q-.0005	Q-.0191	Q.0074	Q-.0150	Q.0002	Q-.0169
#2	Q.0381	Q.0025	Q-.0258	Q-.0097	Q-.0300	Q.0005	Q-.0087

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	Q-.0013	Q.0047
SDev	.0011	.0001
%RSD	85.63	1.940
#1	Q-.0020	Q.0047
#2	Q-.0005	Q.0048

Method: 1995 Sample Name: C172715 2G:500 Operator: CRH
Run Time: 10/05/95 17:41:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	27.39	.0302	.5111	.0025	217.7	.0010
SDev	.0015	.06	.0070	.0024	.0001	.2	.0016
%RSD	211.8	.2228	23.17	.4640	2.716	.1020	152.8
#1	-.0017	27.44	.0253	.5128	.0026	217.9	-.0001
#2	.0003	27.35	.0352	.5094	.0025	217.6	.0021

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0159	.0329	.0549	40.19	6.609	17.47	1.338
SDev	.0007	.0036	.0000	.08	.030	.03	.003
%RSD	4.492	10.84	.0000	.1947	.4557	.1974	.2036
#1	.0164	.0354	.0549	40.24	6.630	17.49	1.340
#2	.0154	.0304	.0549	40.13	6.587	17.44	1.336

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.665	.0397	.0112	.0124	-.0300	.5748	-.032
SDev	.041	.0006	.0002	.0272	.0133	.0019	.022
%RSD	.8844	1.418	1.971	219.8	44.41	.3389	70.30
#1	4.636	.0393	.0114	.0316	-.0206	.5762	-.048
#2	4.695	.0401	.0111	-.0069	-.0394	.5734	-.016

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0599	.1749
SDev	.0001	.0014
%RSD	.0797	.8043
#1	.0600	.1759
#2	.0599	.1739

000080

Method: 1995 Sample Name: C172716 2G:500 Operator: CRH
Run Time: 10/05/95 17:46:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0019	25.57	.0240	.3408	.0026	175.1	.0016
SDev	.0009	.19	.0234	.0037	.0000	.6	.0004
%RSD	45.48	.7605	97.64	1.074	.4683	.3372	27.81
#1	-.0013	25.70	.0074	.3434	.0026	175.5	.0013
#2	-.0025	25.43	.0406	.3382	.0026	174.6	.0019

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0149	.0273	.0462	26.45	6.433	17.18	1.172
SDev	.0009	.0003	.0002	.13	.087	.08	.005
%RSD	6.145	1.239	.3984	.4900	1.346	.4541	.4162
#1	.0143	.0275	.0460	26.54	6.495	17.23	1.175
#2	.0156	.0270	.0463	26.35	6.372	17.12	1.168

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.351	.0430	.0049	.0242	-.0298	.5402	-.0313
SDev	.067	.0035	.0045	.0008	.0070	.0049	.0020
%RSD	1.244	8.058	92.22	3.355	23.50	.9122	6.392
#1	5.398	.0405	.0081	.0248	-.0347	.5437	-.0327
#2	5.304	.0454	.0017	.0236	-.0248	.5368	-.0298

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0556	.1246
SDev	.0008	.0012
%RSD	1.473	.9446
#1	.0550	.1255
#2	.0562	.1238

Method: 1995 Sample Name: C172717 2G:500 Operator: CRH
Run Time: 10/05/95 17:51:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0035	17.86	.0255	.6965	.0020	234.0	.0011
SDev	.0005	.12	.0118	.0052	.0000	1.1	.0005
%RSD	13.39	.6649	46.25	.7476	.7033	.4679	45.00
#1	-.0039	17.77	.0172	.6928	.0020	233.3	.0014
#2	-.0032	17.94	.0339	.7002	.0020	234.8	.0007

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

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Avge	.0113	.0194	.0414	21.16	4.734	12.63	1.180
SDev	.0017	.0011	.0000	.09	.021	.06	.006
%RSD	15.34	5.479	.0000	.4388	.4478	.4668	.5469
#1	.0101	.0186	.0414	21.09	4.749	12.59	1.176
#2	.0125	.0201	.0414	21.22	4.719	12.67	1.185

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.475	.0271	.0168	.0044	-.0285	.5584	-.0337
SDev	.059	.0052	.0127	.0066	.0009	.0040	.0287
%RSD	1.322	19.29	75.39	149.0	3.138	.7196	85.00
#1	4.433	.0308	.0078	.0091	-.0291	.5555	-.0135
#2	4.517	.0234	.0257	-.0002	-.0278	.5612	-.0540

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0485	.1061
SDev	.0001	.0013
%RSD	.2296	1.248
#1	.0484	.1070
#2	.0486	.1052

Method: 1995 Sample Name: C172719 2G:500 Operator: CRH
Run Time: 10/05/95 17:56:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0053	21.98	.0279	.8872	.0018	338.9	.0001
SDev	.0010	.09	.0091	.0066	.0000	1.4	.0009
%RSD	19.76	.4161	32.79	.7496	.0571	.4047	929.4
#1	-.0060	21.92	.0214	.8825	.0018	338.0	.0007
#2	-.0045	22.05	.0343	.8919	.0018	339.9	-.0005

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0127	.0283	.0378	24.07	5.436	13.58	.9618
SDev	.0002	.0004	.0013	.13	.134	.08	.0044
%RSD	1.594	1.382	3.402	.5418	2.456	.6142	.4622
#1	.0128	.0286	.0388	23.98	5.342	13.52	.9587
#2	.0125	.0281	.0369	24.16	5.531	13.64	.9649

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.521	.0306	.0082	.0043	-.0259	.5069	-.0467
SDev	.045	.0040	.0205	.0271	.0041	.0037	.0145
%RSD	.8108	13.18	251.3	634.4	15.79	.7342	30.97
#1	5.490	.0334	-.0063	-.0149	-.0288	.5043	-.0569
#2	5.553	.0277	.0226	.0234	-.0230	.5095	-.0365

000082

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0549	.1206
SDev	.0005	.0016
%RSD	.9730	1.342
#1	.0546	.1195
#2	.0553	.1218

Method: 1995 Sample Name: C172720 2G:500 Operator: CRH
Run Time: 10/05/95 18:01:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	24.46	.0380	.4762	.0023	210.6	.0003
SDev	.0010	.74	.0069	.0118	.0000	6.5	.0022
%RSD	281.0	3.038	18.04	2.468	1.700	3.090	631.6
#1	.0004	24.99	.0429	.4845	.0024	215.2	.0019
#2	-.0011	23.94	.0332	.4679	.0023	206.0	-.001[illegible]

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257[illegible]
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0146	.0283	.0469	27.17	6.317	15.64	1.215
SDev	.0011	.0035	.0006	.81	.158	.46	.037
%RSD	7.673	12.31	1.175	2.970	2.499	2.944	3.044
#1	.0138	.0258	.0466	27.74	6.429	15.97	1.242
#2	.0154	.0307	.0473	26.60	6.206	15.32	1.189

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.566	.0381	-.0083	-.0012	-.0187	.5402	-.041
SDev	.199	.0043	.0058	.0165	.0280	.0144	.027
%RSD	3.573	11.18	69.50	1423.	150.2	2.663	66.35
#1	5.707	.0351	-.0124	.0105	.0012	.5504	-.060
#2	5.426	.0411	-.0042	-.0128	-.0385	.5300	-.021

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0615	.1296
SDev	.0007	.0044
%RSD	1.090	3.364
#1	.0620	.1327
#2	.0611	.1265

000033

Method: 1995 Sample Name: C172678 2G:500 Operator: CRH
Run Time: 10/05/95 18:05:51
Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0025	12.11	.0890	.2486	.0024	99.56	.0036
SDev	.0020	.75	.0027	.0150	.0002	5.88	.0010
%RSD	79.51	6.188	3.050	6.033	7.194	5.906	28.14
#1	-.0039	12.64	.0909	.2593	.0025	103.7	.0043
#2	-.0011	11.58	.0871	.2380	.0022	95.40	.0029

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0159	.1342	.0702	81.16	2.208	8.869	2.824
SDev	.0027	.0071	.0055	4.98	.102	.556	.170
%RSD	16.72	5.317	7.857	6.136	4.631	6.264	6.029
#1	.0177	.1392	.0741	84.68	2.280	9.261	2.944
#2	.0140	.1291	.0663	77.64	2.135	8.476	2.703

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.173	.0476	.1199	.0330	-.0071	.1419	-.0732
SDev	.041	.0010	.0337	.0399	.0055	.0086	.0150
%RSD	3.479	2.125	28.11	121.0	77.93	6.045	20.54
#1	1.202	.0483	.1438	.0048	-.0110	.1480	-.0838
#2	1.145	.0468	.0961	.0612	-.0032	.1359	-.0625

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0733	.5938
SDev	.0044	.0351
%RSD	5.995	5.905
#1	.0764	.6186
#2	.0702	.5691

Method: 1995 Sample Name: C172679 2G:500 Operator: CRH
Run Time: 10/05/95 18:10:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0219	28.91	.0247	9.756	.0007	18.25	2.681
SDev	.0032	2.47	.0018	.852	.0001	1.43	.220
%RSD	14.75	8.551	7.187	8.730	12.64	7.854	8.211
#1	.0242	30.65	.0259	10.36	.0008	19.26	2.837
#2	.0196	27.16	.0234	9.153	.0007	17.24	2.526

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2052	6.285	2.809	19.47	1.285	2.106	.4116
SDev	.0171	.514	.239	1.61	.078	.166	.0324
%RSD	8.361	8.174	8.516	8.285	6.072	7.905	7.876

000084

#1	.2173	6.648	2.979	20.62	1.340	2.223	.4345
#2	.1930	5.922	2.640	18.33	1.230	1.988	.3887

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.040	.0611	23.56	.1890	-.0122	.1697	-.2037
SDev	.138	.0046	1.80	.0272	.0117	.0144	.0245
%RSD	13.29	7.527	7.647	14.40	96.19	8.465	12.02
#1	1.138	.0644	24.83	.2083	-.0039	.1798	-.2210
#2	.9423	.0579	22.28	.1698	-.0205	.1595	-.1864

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0204	1.739
SDev	.0015	.141
%RSD	7.471	8.110
#1	.0215	1.839
#2	.0193	1.639

Method: 1995 Sample Name: C172680 2G:500 Operator: CRH
Run Time: 10/05/95 18:15:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0026	9.057	.0034	4.513	.0003	22.72	.4567
SDev	.0031	.037	.0066	.024	.0001	.05	.0038
%RSD	118.4	.4106	192.5	.5414	23.75	.2382	.8378
#1	.0004	9.083	-.0012	4.530	.0003	22.76	.4594
#2	.0048	9.030	.0081	4.496	.0004	22.68	.4540

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0653	5.396	2.083	11.66	1.113	1.887	.4363
SDev	.0003	.009	.010	.04	.042	.009	.0014
%RSD	.4719	.1605	.4766	.3523	3.734	.4564	.3288
#1	.0651	5.402	2.090	11.69	1.083	1.880	.4373
#2	.0655	5.390	2.076	11.63	1.142	1.893	.4353

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.044	.0415	22.11	.1252	-.0040	.1388	-.0961
SDev	.046	.0040	.02	.0086	.0101	.0005	.0106
%RSD	4.363	9.507	.0847	6.889	253.0	.3436	11.03
#1	1.011	.0387	22.12	.1191	-.0111	.1392	-.0886
#2	1.076	.0443	22.10	.1313	.0031	.1385	-.1036

Elem	V_2924	Zn2138
Units	ppm	ppm

Avge	.0092	5.416
SDev	.0030	.015
%RSD	33.01	.2832
#1	.0071	5.426
#2	.0114	5.405

Method: 1995 Sample Name: C172681 2G:500 Operator: CRH
Run Time: 10/05/95 18:20:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0026	8.928	.0357	.2310	.0013	172.6	.0100
SDev	.0014	.002	.0094	.0002	.0000	.2	.0009
%RSD	51.50	.0185	26.36	.0893	.0060	.1129	9.523
#1	-.0017	8.927	.0423	.2311	.0013	172.7	.0106
#2	-.0036	8.929	.0290	.2308	.0013	172.5	.0093

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0161	.1569	.0951	57.16	2.521	11.55	2.843
SDev	.0007	.0016	.0009	.05	.005	.00	.004
%RSD	4.441	1.027	.9673	.0939	.1908	.0311	.1564
#1	.0156	.1558	.0957	57.20	2.524	11.55	2.846
#2	.0166	.1581	.0944	57.12	2.517	11.55	2.840

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.486	.0500	.3714	.0113	-.0193	.2261	-.0654
SDev	.000	.0056	.0021	.0064	.0034	.0001	.0175
%RSD	.0175	11.12	.5534	56.56	17.56	.0405	26.70
#1	1.486	.0461	.3728	.0068	-.0217	.2261	-.0778
#2	1.487	.0539	.3699	.0159	-.0169	.2262	-.0531

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0385	.6471
SDev	.0000	.0003
%RSD	.1055	.0410
#1	.0384	.6469
#2	.0385	.6472

000086

Method: 1995 Sample Name: C172680 2G:5000 Operator: CRH
Run Time: 10/05/95 18:26:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.0010	1.034	.0157	.4504	.0000	2.336	.0461
SDev	.0005	.003	.0120	.0020	.0001	.002	.0012
%RSD	49.11	.2834	76.26	.4349	107.8	.0837	2.615
#1	.0013	1.032	.0241	.4490	.0000	2.335	.0470
#2	.0006	1.036	.0072	.4518	.0001	2.338	.0453

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0049	.5440	.2118	1.192	.2024	.1753	.0445
SDev	.0010	.0019	.0017	.005	.0636	.0127	.0001
%RSD	20.97	.3418	.7813	.3859	31.44	7.246	.3215
#1	.0041	.5426	.2107	1.189	.2474	.1843	.0446
#2	.0056	.5453	.2130	1.195	.1574	.1663	.0444

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6904	.0061	2.225	.0387	-.0228	.0141	-.0244
SDev	.0227	.0047	.044	.0076	.0099	.0001	.0287
%RSD	3.288	77.84	1.992	19.68	43.41	.8492	117.5
#1	.6743	.0027	2.193	.0441	-.0158	.0140	-.0041
#2	.7064	.0095	2.256	.0333	-.0298	.0142	-.0447

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0001	.5513
SDev	.0014	.0053
%RSD	2242.	.9661
#1	-.0009	.5476
#2	.0011	.5551

Method: 1995 Sample Name: CCV-R Operator: CRH
Run Time: 10/05/95 18:32:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226[illegible]
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.019	4.781	5.424	4.968	4.858	5.107	5.179
SDev	.006	.019	.052	.016	.016	.014	.015
%RSD	.5950	.3961	.9630	.3248	.3349	.2740	.2802
#1	1.014	4.768	5.387	4.957	4.846	5.097	5.169
#2	1.023	4.795	5.461	4.979	4.869	5.117	5.189

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257[illegible]
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.124	5.438	5.469	5.020	4.793	5.284	5.082
SDev	.024	.012	.013	.014	.040	.012	.010
%RSD	.4675	.2259	.2388	.2698	.8329	.2294	.1976
#1	5.108	5.429	5.459	5.010	4.821	5.292	5.075
#2	5.141	5.447	5.478	5.029	4.765	5.275	5.089

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.07	5.147	5.019	1.077	5.272	5.153	5.174
SDev	.12	.001	.027	.005	.022	.014	.017
%RSD	.4616	.0251	.5357	.4183	.4266	.2679	.3302
#1	24.99	5.146	5.000	1.074	5.256	5.144	5.186
#2	25.15	5.148	5.038	1.081	5.288	5.163	5.162

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	5.037	4.915
SDev	.006	.008
%RSD	.1284	.1705
#1	5.033	4.909
#2	5.042	4.921

Method: 1995 Sample Name: BLA01-R Operator: CRH
Run Time: 10/05/95 18:37:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0027	Q.0108	Q.0064	Q.0007	Q.0003	Q.0262	Q.0007
SDev	.0016	.0053	.0104	.0003	.0000	.0004	.0001
%RSD	58.58	49.43	163.1	37.22	8.150	1.475	20.86
#1	Q.0038	Q.0146	Q.0137	Q.0009	Q.0003	Q.0264	Q.0006
#2	Q.0016	Q.0070	Q-.0010	Q.0005	Q.0003	Q.0259	Q.0008

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0010	Q.0019	Q.0042	Q.0025	Q-.0046	Q-.0157	Q.0008
SDev	.0008	.0038	.0011	.0018	.0604	.0068	.0006
%RSD	80.83	195.5	26.52	74.13	1316.	43.36	70.66
#1	Q.0016	Q.0046	Q.0049	Q.0038	Q.0381	Q-.0109	Q.0012
#2	Q.0004	Q-.0007	Q.0034	Q.0012	Q-.0473	Q-.0205	Q.0004

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0876	Q.0036	Q-.0012	Q.0306	Q-.0110	Q.0007	Q-.004
SDev	.0154	.0047	.0213	.0036	.0048	.0003	.004
%RSD	17.61	128.2	1836.	11.80	43.60	41.34	98.79
#1	Q.0985	Q.0070	Q.0139	Q.0280	Q-.0076	Q.0009	Q-.001
#2	Q.0767	Q.0003	Q-.0162	Q.0332	Q-.0144	Q.0005	Q-.007

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	Q.0005	Q.0044
SDev	.0015	.0003
%RSD	288.4	7.756

#1	Q.0016	Q.0041
#2	Q-.0006	Q.0046

Method: 1995 Sample Name: CDL01-R Operator: CRH
Run Time: 10/05/95 18:42:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0442	.1976	.1502	.0411	.0188	.1174	.0212
SDev	.0004	.0081	.0320	.0001	.0000	.0035	.0002
%RSD	1.013	4.085	21.30	.1255	.0778	3.000	.8385
#1	.0439	.2033	.1728	.0411	.0188	.1199	.0210
#2	.0445	.1919	.1275	.0410	.0188	.1150	.0213

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2116	.0454	.1170	.1042	.5030	.0966	.0632
SDev	.0005	.0022	.0022	.0019	.0669	.0086	.0004
%RSD	.2410	4.816	1.886	1.808	13.29	8.921	.6807
#1	.2113	.0469	.1186	.1055	.5503	.1027	.0635
#2	.2120	.0438	.1155	.1029	.4558	.0905	.0629

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5884	.1765	.0996	.2715	.1058	.0294	.1669
SDev	.0222	.0004	.0211	.0107	.0020	.0000	.0120
%RSD	3.778	.2282	21.19	3.953	1.910	.0007	7.223
#1	.6041	.1768	.1146	.2791	.1044	.0294	.1754
#2	.5726	.1762	.0847	.2640	.1073	.0294	.1584

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.2067	.0805
SDev	.0005	.0010
%RSD	.2210	1.193
#1	.2063	.0798
#2	.2070	.0812

Method: 1995 Sample Name: INTA-R Operator: CRH
Run Time: 10/05/95 18:48:19
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0083	238.3	-.0589	.0122	.0001	244.8	.0037
SDev	.0003	1.8	.0016	.0004	.0001	.9	.0001
%RSD	4.195	.7422	2.802	2.955	77.28	.3474	3.825

#1	-.0081	239.5	-.0577	.0120	.0001	245.4	.0036
#2	-.0085	237.0	-.0600	.0125	.0002	244.2	.0038

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0024	.0152	.0030	97.67	-.0873	278.6	-.002
SDev	.0003	.0038	.0035	.50	.0158	1.6	.000
%RSD	12.87	25.25	116.8	.5157	18.08	.5579	9.424
#1	-.0022	.0125	.0005	98.03	-.0762	279.7	-.002
#2	-.0026	.0179	.0055	97.31	-.0985	277.5	-.002

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.5554	.0056	-.0063	.0365	-.0259	-.0074	-.015
SDev	.0180	.0032	.0243	.0184	.0001	.0001	.020
%RSD	3.247	57.73	385.9	50.54	.5415	.6754	130.3
#1	-.5682	.0033	-.0234	.0495	-.0258	-.0074	-.030
#2	-.5427	.0079	.0109	.0234	-.0260	-.0074	-.001

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.0039	-.0203
SDev	.0016	.0001
%RSD	42.03	.5272
#1	.0028	-.0204
#2	.0051	-.0202

Method: 1995 Sample Name: ICS-R Operator: CRH
Run Time: 10/05/95 18:53:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1936	Ba4934	Be3130	Ca3179	Cd226
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4804	238.6	-.0613	.2625	.2324	244.3	.5024
SDev	.0019	2.4	.0091	.0027	.0019	1.2	.0031
%RSD	.4012	.9904	14.76	1.021	.8365	.5054	.6250
#1	.4790	236.9	-.0677	.2606	.2310	243.5	.5002
#2	.4818	240.2	-.0549	.2644	.2338	245.2	.5046

Elem	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn257
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2470	.2790	.2776	97.68	-.2048	278.8	.2446
SDev	.0006	.0006	.0028	.64	.1010	1.9	.0005
%RSD	.2492	.1953	.9936	.6570	49.29	.6763	.2176
#1	.2474	.2786	.2757	97.22	-.1334	277.5	.2442
#2	.2465	.2794	.2796	98.13	-.2762	280.1	.2450

Elem	Na5889	Ni2316	Pb2203	Sb2068	Se1960	Sr4215	Tl190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.5880	.5009	.4516	.0269	.0012	-.0075	-.0262
SDev	.0504	.0031	.0074	.0057	.0206	.0001	.0023
%RSD	8.563	.6115	1.646	21.35	1661.	.9622	8.964
#1	-.5524	.4987	.4568	.0310	-.0133	-.0075	-.0245
#2	-.6236	.5030	.4463	.0228	.0158	-.0076	-.0278

Elem	V_2924	Zn2138
Units	ppm	ppm
Avge	.2546	.4857
SDev	.0036	.0019
%RSD	1.417	.3843
#1	.2520	.4844
#2	.2571	.4871