142950

STL North Canton

Cover Page - Inorganic Analysis Data Package

Client ID	Lab Sample ID:
DSL-16	DPJF5
DSL-16D	DPJF5D
DSL-16S	DPJF5S
DSL-16ST	DPJF5ST

Comments: SDG# 0K04153
Client 64186

See narrative. The metals data package was reviewed by Melissa Cordell. Melissa Cordell

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 conditions detailed above. Release of the data combined 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.

Signature: [signature] Name: Kenneth J Kuzar

Date: 12/21/00 Title: Project Manager

Version 4.10.5

Cover Page Equivalent

SDG: 0K04153
Client ID: 64186

On Form VI, the RPD (%) was calculated for results ≥ 5x the CRDL and the absolute difference was calculated for results < 5x the CRDL.

For this SDG, a separate spike sample was prepared for the analysis of As by Trace ICP. A "T" is appended to the sample ID to distinguish the preparation from the "non-Trace" spike.

STL North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: DPJF5 **Client ID:** DSL-16

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/00 **Prep Batch:** 0315160

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	308.22	5.2	52.2	9990		1	ICPST	11/21/00	13:07
Antimony	206.84	0.81	15.7	3.8	BN	1	ICPST	11/21/00	13:07
Arsenic	189.04	0.84	2.6	12.9		1	ICPST	11/21/00	13:07
Barium	493.41	0.039	52.2	91.8		1	ICPST	11/21/00	13:07
Beryllium	313.04	0.021	1.3	0.48	B	1	ICPST	11/21/00	13:07
Cadmium	226.50	0.065	1.3	1.8		1	ICPST	11/21/00	13:07
Calcium	317.93	2.0	1310	19900	*	1	ICPST	11/21/00	13:07
Chromium	267.72	0.29	2.6	20.1		1	ICPST	11/21/00	13:07
Cobalt	228.62	0.22	13.1	11.5	B	1	ICPST	11/21/00	13:07
Copper	324.75	0.34	6.5	39.1		1	ICPST	11/21/00	13:07
Iron	271.44	4.2	26.1	73500		1	ICPST	11/21/00	13:07
Magnesium	279.08	3.7	1310	9260	*	1	ICPST	11/21/00	13:07
Manganese	257.61	0.039	3.9	832		1	ICPST	11/21/00	13:07
Mercury	253.7	0.044	0.087	0.053	B	1	CVAA	11/14/00	8:19
Nickel	231.60	0.52	10.5	23.7		1	ICPST	11/21/00	13:07
Potassium	766.49	5.1	1310	1150	B	1	ICPST	11/21/00	13:07
Selenium	196.03	1.0	1.3	1.0	UN	1	ICPST	11/21/00	13:07
Silver	328.07	0.29	2.6	0.29	U	1	ICPST	11/21/00	13:07
Sodium	330.23	63.7	1310	63.7	U	1	ICPST	11/21/00	13:07
Thallium	190.86	1.8	2.6	1.8	U	1	ICPST	11/21/00	13:07
Vanadium	292.40	0.20	13.1	25.8		1	ICPST	11/21/00	13:07
Zinc	213.86	0.31	5.2	149		1	ICPST	11/21/00	13:07

Comments: Lot #: A0K080242 Sample #: 3

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

STL North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: DPJF5 **Client ID:** DSL-16

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/22/00 **Prep Batch:** 0326383

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Lead	220.35	0.50	0.78	118	*	1	ICPST	11/29/00	8:56

Comments: Lot #: A0K080242 Sample #: 3

Version 4.10.5

U Result is less than the IDL

B Result is between IDL and RL

Form I Equivalent

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: CVAA **Units:** ug/L

Chart Number: hg11114b.prn **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	ICV 11/14/00 8:10 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	2.5	2.07	82.6								

STL North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	ICV 11/21/00 11:57 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	308.215	12500.0	12611.78	100.9								
Antimony	206.838	250.0	260.26	104.1								
Arsenic	189.042	250.0	254.49	101.8								
Barium	493.409	1000.0	982.50	98.3								
Beryllium	313.042	1000.0	1041.99	104.2								
Cadmium	226.502	250.0	255.64	102.3								
Calcium	317.933	25000.0	26115.16	104.5								
Chromium	267.716	1000.0	1010.37	101.0								
Cobalt	228.616	1000.0	998.28	99.8								
Copper	324.753	1000.0	984.03	98.4								
Iron	271.441	12500.0	13240.71	105.9								
Magnesium	279.078	25000.0	24622.13	98.5								
Manganese	257.61	1000.0	1019.14	101.9								
Nickel	231.604	1000.0	1018.93	101.9								
Potassium	766.491	25000.0	25844.01	103.4								
Selenium	196.026	250.0	248.69	99.5								
Silver	328.068	500.0	492.79	98.6								
Sodium	330.232	25000.0	25005.16	100.0								
Thallium	190.864	500.0	527.52	105.5								
Vanadium	292.402	1000.0	1001.97	100.2								
Zinc	213.856	1000.0	1024.14	102.4								

STL North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPST **Units:** ug/L

Chart Number: i51129a.arc **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	ICV 11/29/00 7:46 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lead	220.353	250.0	253.45	101.4								

STL North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg11114b.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	CCV 11/14/00 8:13 AM Found	% Rec	CCV 11/14/00 8:23 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	5.0	4.89	97.9	5.07	101.4						

Version 4.10.5

Form 2A Equivalent

STL North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	CCV 11/21/00 12:42 PM		CCV 11/21/00 1:58 PM		CCV 11/21/00 3:10 PM		CCV 11/21/00 4:28 PM		CCV 11/21/00 5:41 PM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	308.215	25000.0	25438.57	101.8	25355.40	101.4	25445.91	101.8	25534.61	102.1	25659.27	102.6
Antimony	206.838	500.0	513.16	102.6	509.19	101.8	509.28	101.9	510.02	102.0	517.74	103.5
Arsenic	189.042	500.0	505.11	101.0	506.86	101.4	507.49	101.5	509.87	102.0	515.12	103.0
Barium	493.409	2000.0	1996.82	99.8	1993.85	99.7	1992.45	99.6	2007.85	100.4	2015.72	100.8
Beryllium	313.042	2000.0	2031.30	101.6	2044.14	102.2	2038.76	101.9	2047.25	102.4	2068.81	103.4
Cadmium	226.502	500.0	508.39	101.7	512.27	102.5	510.07	102.0	511.45	102.3	517.71	103.5
Calcium	317.933	50000.0	51509.88	103.0	51694.00	103.4	51661.55	103.3	51668.96	103.3	52311.96	104.6
Chromium	267.716	2000.0	1999.29	100.0	2008.69	100.4	2004.81	100.2	2011.16	100.6	2032.54	101.6
Cobalt	228.616	2000.0	2006.54	100.3	2013.92	100.7	2005.50	100.3	2010.34	100.5	2030.61	101.5
Copper	324.753	2000.0	1981.09	99.1	1976.15	98.8	1975.40	98.8	1994.72	99.7	1998.41	99.9
Iron	271.441	25000.0	25853.44	103.4	25931.63	103.7	25888.66	103.6	26006.96	104.0	26241.14	105.0
Magnesium	279.078	50000.0	50642.79	101.3	50544.20	101.1	50695.75	101.4	50512.42	101.0	51327.26	102.7
Manganese	257.61	2000.0	2001.79	100.1	2021.60	101.1	1993.57	99.7	1997.17	99.9	2012.02	100.6
Nickel	231.604	2000.0	2013.63	100.7	2024.11	101.2	2013.50	100.7	2024.03	101.2	2045.83	102.3
Potassium	766.491	50000.0	52009.95	104.0	51506.39	103.0	51759.23	103.5	52237.05	104.5	52124.29	104.2
Selenium	196.026	500.0	499.62	99.9	504.02	100.8	495.76	99.2	503.10	100.6	505.35	101.1
Silver	328.068	1000.0	992.59	99.3	993.39	99.3	993.49	99.3	1001.63	100.2	1008.25	100.8
Sodium	330.232	50000.0	48962.98	97.9	48564.04	97.1	48638.18	97.3	49063.14	98.1	49078.52	98.2
Thallium	190.864	1000.0	1004.54	100.5	1010.18	101.0	1009.57	101.0	1012.43	101.2	1024.16	102.4
Vanadium	292.402	2000.0	1986.01	99.3	1992.03	99.6	1988.17	99.4	1995.80	99.8	2014.97	100.7
Zinc	213.856	2000.0	2029.86	101.5	2034.41	101.7	2028.73	101.4	2037.88	101.9	2056.87	102.8

STL North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	CCV 11/21/00 6:56 PM Found	% Rec	CCV 11/21/00 8:13 PM Found	% Rec	CCV 11/21/00 8:43 PM Found	% Rec	CCV 11/21/00 9:59 PM Found	% Rec	CCV 11/21/00 10:40 PM Found	% Rec
Aluminum	308.215	25000.0	25767.31	103.1	25634.14	102.5	25745.32	103.0	25943.23	103.8	25999.85	104.0
Antimony	206.838	500.0	513.99	102.8	512.56	102.5	517.59	103.5	515.41	103.1	515.16	103.0
Arsenic	189.042	500.0	516.42	103.3	510.42	102.1	508.98	101.8	507.02	101.4	504.62	100.9
Barium	493.409	2000.0	2023.65	101.2	2013.07	100.7	2017.28	100.9	2023.10	101.2	2024.05	101.2
Beryllium	313.042	2000.0	2062.68	103.1	2051.60	102.6	2045.53	102.3	2036.42	101.8	2032.30	101.6
Cadmium	226.502	500.0	514.61	102.9	514.04	102.8	507.33	101.5	505.63	101.1	505.70	101.1
Calcium	317.933	50000.0	51996.25	104.0	51851.02	103.7	51756.87	103.5	51493.81	103.0	51489.19	103.0
Chromium	267.716	2000.0	2025.70	101.3	2017.79	100.9	2015.50	100.8	2008.26	100.4	2005.65	100.3
Cobalt	228.616	2000.0	2026.27	101.3	2016.20	100.8	2025.64	101.3	2019.31	101.0	2016.17	100.8
Copper	324.753	2000.0	2016.73	100.8	2000.34	100.0	2011.12	100.6	2022.03	101.1	2023.38	101.2
Iron	271.441	25000.0	26171.16	104.7	26037.61	104.2	26066.53	104.3	25968.89	103.9	25901.17	103.6
Magnesium	279.078	50000.0	50780.28	101.6	50891.80	101.8	50553.16	101.1	50424.00	100.8	50662.89	101.3
Manganese	257.61	2000.0	2001.71	100.1	1992.22	99.6	2003.63	100.2	2007.78	100.4	2005.04	100.3
Nickel	231.604	2000.0	2035.63	101.8	2033.55	101.7	2002.10	100.1	1990.80	99.5	1994.63	99.7
Potassium	766.491	50000.0	52775.06	105.6	52710.89	105.4	53354.16	106.7	54278.12	108.6	54562.46	109.1
Selenium	196.026	500.0	506.50	101.3	503.16	100.6	503.05	100.6	506.65	101.3	500.26	100.1
Silver	328.068	1000.0	1011.55	101.2	1006.36	100.6	1002.87	100.3	1005.05	100.5	1004.61	100.5
Sodium	330.232	50000.0	49397.91	98.8	49417.13	98.8	49666.60	99.3	50418.46	100.8	50727.52	101.5
Thallium	190.864	1000.0	1011.97	101.2	1014.94	101.5	1015.88	101.6	1014.28	101.4	1011.43	101.1
Vanadium	292.402	2000.0	2014.13	100.7	2003.61	100.2	2005.76	100.3	2001.97	100.1	1999.38	100.0
Zinc	213.856	2000.0	2055.66	102.8	2048.76	102.4	2033.00	101.7	2029.71	101.5	2027.28	101.4

STL North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPST **Units:** ug/L

Chart Number: i51129a.arc **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	CCV 11/29/00 8:31 AM		CCV 11/29/00 9:46 AM		CCV 11/29/00 10:17 AM					
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lead	220.353	500.0	509.74	101.9	517.03	103.4	522.16	104.4				

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: CVAA **Units:** ug/L

Chart Number: hg11114b.prn **Acceptable Range:** 50% - 150%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	CRA 11/14/00 8:12 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	0.2	0.13	64.8								

Version 4.10.5

Form 2B Equivalent

STL North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc **Acceptable Range:** 50% - 150%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	CRI 11/21/00 12:16 PM Found	% Rec	CRI 11/21/00 2:50 PM Found	% Rec	CRI 11/21/00 5:21 PM Found	% Rec	CRI 11/21/00 7:53 PM Found	% Rec	CRI 11/21/00 10:21 PM Found	% Rec
Antimony	206.838	120.0	129.79	108.2	131.02	109.2	131.40	109.5	129.29	107.7	132.84	110.7
Arsenic	189.042	20.0	20.36	101.8	23.52	117.6	20.03	100.2	22.66	113.3	19.52	97.6
Beryllium	313.042	10.0	10.30	103.0	10.34	103.4	10.35	103.5	10.39	103.9	10.37	103.7
Cadmium	226.502	10.0	10.39	103.9	10.50	105.0	10.60	106.0	10.40	104.0	10.50	105.0
Chromium	267.716	20.0	20.27	101.4	20.67	103.4	20.36	101.8	20.35	101.7	20.06	100.3
Cobalt	228.616	100.0	102.06	102.1	102.82	102.8	102.61	102.6	103.01	103.0	102.89	102.9
Copper	324.753	50.0	50.12	100.2	50.57	101.1	50.58	101.2	50.70	101.4	51.60	103.2
Manganese	257.61	30.0	30.74	102.5	30.62	102.1	30.45	101.5	30.43	101.4	30.83	102.8
Nickel	231.604	80.0	81.72	102.1	84.14	105.2	82.96	103.7	82.02	102.5	82.64	103.3
Selenium	196.026	10.0	11.00	110.0	6.85	68.5	8.22	82.2	11.07	110.7	11.44	114.4
Silver	328.068	20.0	19.75	98.7	20.19	101.0	19.49	97.5	19.67	98.4	19.94	99.7
Thallium	190.864	20.0	18.47	92.3	20.15	100.7	18.26	91.3	17.09	85.4	15.19	75.9
Vanadium	292.402	100.0	101.25	101.2	101.52	101.5	101.44	101.4	101.61	101.6	101.68	101.7
Zinc	213.856	40.0	41.91	104.8	41.71	104.3	41.83	104.6	42.04	105.1	41.75	104.4

STL North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPST **Units:** ug/L

Chart Number: i51129a.arc **Acceptable Range:** 50% - 150%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	CRI 11/29/00 8:06 AM		CRI 11/29/00 9:58 AM							
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lead	220.353	6.0	5.94	99.0	5.65	94.2						

STL North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg11114b.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 11/14/00 8:11 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U								

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL

Form 3 Equivalent

STL North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 11/21/00 12:02 PM Found	O	Found	O	Found	O	Found	O	Found	O
Aluminum	308.215	200	19.9	U								
Antimony	206.838	60	3.1	U								
Arsenic	189.042	10	3.2	U								
Barium	493.409	200	**0.4**	**B**								
Beryllium	313.042	5	**0.4**	**B**								
Cadmium	226.502	5	**0.3**	**B**								
Calcium	317.933	5000	**21.0**	**B**								
Chromium	267.716	10	1.1	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	1.3	U								
Iron	271.441	100	16.0	U								
Magnesium	279.078	5000	14.2	U								
Manganese	257.61	15	**0.4**	**B**								
Nickel	231.604	40	2.0	U								
Potassium	766.491	5000	**228.0**	**B**								
Selenium	196.026	5	4.0	U								
Silver	328.068	10	1.1	U								
Sodium	330.232	5000	244.0	U								
Thallium	190.864	10	6.8	U								
Vanadium	292.402	50	0.8	U								
Zinc	213.856	20	1.2	U								

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL

Form 3 Equivalent

STL North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: i51129a.arc

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 11/29/00 7:52 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Lead	220.353	3	-2.0	B								

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL

Form 3 Equivalent

STL North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg11114b.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 11/14/00 8:15 AM Found	Q	CCB 11/14/00 8:24 AM Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U						

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL

Form 3 Equivalent

STL North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 11/21/00 12:48 PM		CCB 11/21/00 2:03 PM		CCB 11/21/00 3:15 PM		CCB 11/21/00 4:33 PM		CCB 11/21/00 5:47 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**63.5**	**B**	**30.1**	**B**	**85.6**	**B**	**28.4**	**B**	**71.5**	**B**
Antimony	206.838	60	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Arsenic	189.042	10	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
Barium	493.409	200	**0.5**	**B**	**0.5**	**B**	**0.6**	**B**	**0.5**	**B**	**0.4**	**B**
Beryllium	313.042	5	**0.4**	**B**	**0.5**	**B**	**0.5**	**B**	**0.5**	**B**	**0.4**	**B**
Cadmium	226.502	5	**0.5**	**B**	**0.5**	**B**	**0.4**	**B**	0.3	U	**0.3**	**B**
Calcium	317.933	5000	**67.8**	**B**	**30.2**	**B**	**81.7**	**B**	**24.9**	**B**	**58.9**	**B**
Chromium	267.716	10	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Iron	271.441	100	**47.7**	**B**	16.0	U	**32.5**	**B**	16.0	U	**21.2**	**B**
Magnesium	279.078	5000	**64.3**	**B**	**22.2**	**B**	**68.5**	**B**	**16.4**	**B**	**48.9**	**B**
Manganese	257.61	15	**0.4**	**B**	**0.5**	**B**	**0.4**	**B**	**0.4**	**B**	**0.3**	**B**
Nickel	231.604	40	2.0	U	2.0	U	2.0	U	-2.1	B	-2.6	B
Potassium	766.491	5000	**232.0**	**B**	**235.0**	**B**	**233.0**	**B**	**230.0**	**B**	**217.0**	**B**
Selenium	196.026	5	4.0	U	4.0	U	-4.8	B	4.0	U	4.0	U
Silver	328.068	10	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Sodium	330.232	5000	244.0	U	244.0	U	244.0	U	244.0	U	244.0	U
Thallium	190.864	10	6.8	U	6.8	U	6.8	U	6.8	U	6.8	U
Vanadium	292.402	50	**1.1**	**B**	**1.0**	**B**	0.8	U	**1.0**	**B**	0.8	U
Zinc	213.856	20	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U

STL North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 11/21/00 7:01 PM		CCB 11/21/00 8:18 PM		CCB 11/21/00 8:49 PM		CCB 11/21/00 10:05 PM		CCB 11/21/00 10:46 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**34.8**	**B**	**70.3**	**B**	**24.6**	**B**	**28.4**	**B**	**69.4**	**B**
Antimony	206.838	60	3.1	U	**3.6**	**B**	3.1	U	**3.6**	**B**	**3.2**	**B**
Arsenic	189.042	10	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
Barium	493.409	200	**0.4**	**B**	**0.5**	**B**	**0.8**	**B**	**0.7**	**B**	**0.7**	**B**
Beryllium	313.042	5	**0.4**	**B**	**0.5**	**B**	**0.7**	**B**	**0.8**	**B**	**0.7**	**B**
Cadmium	226.502	5	0.3	U	**0.3**	**B**	**0.3**	**B**	0.3	U	**0.4**	**B**
Calcium	317.933	5000	**22.3**	**B**	**55.2**	**B**	**35.7**	**B**	**37.1**	**B**	**69.6**	**B**
Chromium	267.716	10	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	1.3	U	1.3	U	**1.6**	**B**	**1.4**	**B**	1.3	U
Iron	271.441	100	16.0	U	**16.5**	**B**	16.0	U	**42.5**	**B**	**30.2**	**B**
Magnesium	279.078	5000	**15.1**	**B**	**48.3**	**B**	**27.7**	**B**	**29.5**	**B**	**64.0**	**B**
Manganese	257.61	15	**0.3**	**B**	**0.4**	**B**	**0.6**	**B**	**0.9**	**B**	**0.6**	**B**
Nickel	231.604	40	2.0	U	2.0	U	2.0	U	2.0	U	-2.5	B
Potassium	766.491	5000	**214.0**	**B**	**225.0**	**B**	**228.0**	**B**	**225.0**	**B**	**227.0**	**B**
Selenium	196.026	5	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Silver	328.068	10	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Sodium	330.232	5000	244.0	U	244.0	U	244.0	U	-290.0	B	244.0	U
Thallium	190.864	10	6.8	U	6.8	U	6.8	U	6.8	U	6.8	U
Vanadium	292.402	50	0.8	U	**1.0**	**B**	**0.8**	**B**	**1.3**	**B**	**0.8**	**B**
Zinc	213.856	20	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL

Form 3 Equivalent

STL North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: i51129a.arc

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 11/29/00 8:36 AM		CCB 11/29/00 9:52 AM		CCB 11/29/00 10:23 AM					
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Lead	220.353	3	1.9	U	1.9	U	1.9	U				

STL North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: PBS

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/00 **Prep Batch:** 0315160

Weight: 1.00 **Volume:** 200 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	**308.215**	**4.0**	**40.0**	**13.9**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Antimony	206.838	0.62	12.0	0.62	U	1	ICPST	11/21/00	12:54
Arsenic	189.042	0.64	2.0	0.64	U	1	ICPST	11/21/00	12:54
Barium	**493.409**	**0.030**	**40.0**	**0.21**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Beryllium	**313.042**	**0.016**	**1.0**	**0.066**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Cadmium	**226.502**	**0.050**	**1.0**	**0.094**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Calcium	**317.933**	**1.5**	**1000**	**44.2**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Chromium	**267.716**	**0.22**	**2.0**	**0.33**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Cobalt	**228.616**	**0.17**	**10.0**	**0.19**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Copper	324.753	0.26	5.0	0.26	U	1	ICPST	11/21/00	12:54
Iron	**271.441**	**3.2**	**20.0**	**20.4**		**1**	**ICPST**	**11/21/00**	**12:54**
Magnesium	**279.078**	**2.8**	**1000**	**13.3**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Manganese	**257.61**	**0.030**	**3.0**	**0.20**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Mercury	253.7	0.033	0.067	0.033	U	1	CVAA	11/14/00	8:16
Nickel	**231.604**	**0.40**	**8.0**	**0.45**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Potassium	**766.491**	**3.9**	**1000**	**48.4**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Selenium	196.026	0.80	1.0	0.80	U	1	ICPST	11/21/00	12:54
Silver	328.068	0.22	2.0	0.22	U	1	ICPST	11/21/00	12:54
Sodium	330.232	48.8	1000	48.8	U	1	ICPST	11/21/00	12:54
Thallium	190.864	1.4	2.0	1.4	U	1	ICPST	11/21/00	12:54
Vanadium	**292.402**	**0.15**	**10.0**	**0.22**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**
Zinc	**213.856**	**0.24**	**4.0**	**2.5**	**B**	**1**	**ICPST**	**11/21/00**	**12:54**

Comments: Lot #: A0K080242

Version 4.10.5

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

STL North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: PBS2

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/22/00 **Prep Batch:** 0326383

Weight: 1.00 **Volume:** 200 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Lead	220.353	0.38	0.60	0.38	U	1	ICPST	11/29/00	8:42

Comments: Lot #: A0K080242

Version 4.10.5

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

STL North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 11/21/00 12:25 PM Found	ICSA 11/21/00 2:59 PM Found	ICSA 11/21/00 5:30 PM Found	ICSA 11/21/00 8:02 PM Found	ICSA 11/21/00 10:29 PM Found
Aluminum	308.215		500000	480000	482000	485000	484000	487000
Antimony	206.838	60		5	3	6	3	2
Arsenic	189.042	10		0	2	1	2	0
Barium	493.409	200		2	2	2	2	2
Beryllium	313.042	5		0	0	0	0	0
Cadmium	226.502	5		4	4	4	4	5
Calcium	317.933		500000	472000	475000	477000	473000	472000
Chromium	267.716	10		-2	-2	-2	-2	-2
Cobalt	228.616	50		4	5	4	4	5
Copper	324.753	25		3	3	2	3	3
Iron	271.441		200000	201000	202000	203000	201000	201000
Magnesium	279.078		500000	517000	519000	521000	517000	517000
Manganese	257.61	15		10	10	10	10	10
Nickel	231.604	40		0	1	2	3	2
Potassium	766.491	5000		215	210	211	217	218
Selenium	196.026	5		-4	-3	-2	1	-1
Silver	328.068	10		0	0	0	0	0
Sodium	330.232	5000		-100	19	-9	-57	-13
Thallium	190.864	10		-2	-5	2	1	-1
Vanadium	292.402	50		-2	-2	-2	-2	-2
Zinc	213.856	20		15	15	15	15	15

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL

Form 4 Equivalent

STL North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPST **Units:** ug/L

Chart Number: i51129a.arc **Acceptable Range:** 0% - 0%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 11/29/00 8:14 AM Found	ICSA 11/29/00 10:06 AM Found	Found	Found	Found
Lead	220.353	3		-3	-1			

U Result is less than the IDL
B Result is between IDL and RL

Form 4 Equivalent

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPST **Units:** ug/L

Chart Number: i51121b.arc **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	ICSAB 11/21/00 12:31 PM		ICSAB 11/21/00 3:04 PM		ICSAB 11/21/00 5:35 PM		ICSAB 11/21/00 8:07 PM		ICSAB 11/21/00 10:35 PM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	308.215	500000	477429.1	95.5	479862.8	96.0	481762.1	96.4	483005.3	96.6	484021.6	96.8
Antimony	206.838	600	645.6	107.6	652.3	108.7	651.1	108.5	653.2	108.9	654.6	109.1
Arsenic	189.042	100	99.4	99.4	103.7	103.7	101.0	101.0	102.3	102.3	103.7	103.7
Barium	493.409	500	510.5	102.1	513.1	102.6	515.3	103.1	517.4	103.5	516.9	103.4
Beryllium	313.042	500	499.8	100.0	505.1	101.0	507.1	101.4	505.3	101.1	502.0	100.4
Cadmium	226.502	1000	962.2	96.2	971.3	97.1	975.4	97.5	973.3	97.3	959.0	95.9
Calcium	317.933	500000	469695.2	93.9	474497.0	94.9	475278.3	95.1	473128.6	94.6	470651.8	94.1
Chromium	267.716	500	477.0	95.4	480.9	96.2	483.5	96.7	481.7	96.3	479.7	95.9
Cobalt	228.616	500	488.8	97.8	492.4	98.5	493.0	98.6	491.2	98.2	492.6	98.5
Copper	324.753	500	537.9	107.6	541.0	108.2	544.5	108.9	546.5	109.3	549.6	109.9
Iron	271.441	200000	199530.3	99.8	200968.6	100.5	201502.3	100.8	200844.0	100.4	200077.8	100.0
Magnesium	279.078	500000	511782.6	102.4	516121.8	103.2	517480.8	103.5	515241.4	103.0	513329.5	102.7
Manganese	257.61	500	466.1	93.2	467.2	93.4	466.4	93.3	464.0	92.8	467.7	93.5
Nickel	231.604	1000	955.2	95.5	961.7	96.2	965.3	96.5	963.6	96.4	948.9	94.9
Selenium	196.026	50	44.5	89.0	48.4	96.8	47.5	94.9	43.1	86.1	47.9	95.7
Silver	328.068	200	204.6	102.3	206.5	103.2	208.1	104.0	209.1	104.5	208.2	104.1
Thallium	190.864	100	102.5	102.5	94.0	94.0	98.7	98.7	92.5	92.5	101.2	101.2
Vanadium	292.402	500	481.8	96.4	485.4	97.1	487.9	97.6	487.2	97.4	485.8	97.2
Zinc	213.856	1000	1043.4	104.3	1050.8	105.1	1054.2	105.4	1056.5	105.7	1046.2	104.6

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL
N Spike recovery failed

Form 4 Equivalent

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPST **Units:** ug/L

Chart Number: i51129a.arc **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	ICSAB 11/29/00 8:20 AM		ICSAB 11/29/00 10:12 AM							
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lead	220.353	50	48.5	96.9	49.6	99.2						

U Result is less than the IDL
B Result is between IDL and RL
N Spike recovery failed

Form 4 Equivalent

STL North Canton

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: DPJF5S

Original Sample ID: DPJF5 **Client ID:** DSL-16S

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/00 **Prep Batch:** 0315160

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Antimony	206.8	3.8	B	71.2	N	26.119	257.8	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Barium	493.4	91.8		610		522.38	99.2	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Beryllium	313.0	0.48	B	12.6		13.059	92.8	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Cadmium	226.5	1.8		14.4		13.059	96.5	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Chromium	267.7	20.1		72.6		52.238	100.4	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Cobalt	228.6	11.5	B	135		130.59	94.8	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Copper	324.8	39.1		117		65.297	119.3	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Manganese	257.6	832		1240	NC	130.59		1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Mercury	253.7	0.053	B	0.45		0.4353	91.2	1	1	CVAA	11/14/00	8:19	11/14/00	8:22
Nickel	231.6	23.7		150		130.59	96.6	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Silver	328.1	0.29	U	14.0		13.059	107.2	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Vanadium	292.4	25.8		156		130.59	99.9	1	1	ICPST	11/21/00	13:07	11/21/00	13:24
Zinc	213.9	149		293		130.59	110.3	1	1	ICPST	11/21/00	13:07	11/21/00	13:24

Comments: Lot #: A0K080242 Sample #: 3

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL North Canton

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: DPJF5ST

Original Sample ID: DPJF5 **Client ID:** DSL-16ST

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/00 **Prep Batch:** 0315160

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Arsenic	189.0	12.9		24.3		10.448	108.7	1	1	ICPST	11/21/00	13:07	11/21/00	13:30
Selenium	196.0	1.0	U	4.1	N	2.6119	156.4	1	1	ICPST	11/21/00	13:07	11/21/00	13:30
Thallium	190.9	1.8	U	11.6		13.059	88.9	1	1	ICPST	11/21/00	13:07	11/21/00	13:30

Comments:

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL North Canton

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: DPJF5ST

Original Sample ID: DPJF5 **Client ID:** DSL-16ST

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/22/00 **Prep Batch:** 0326383

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Lead	220.4	118		113	NC	5.2238		1	1	ICPST	11/29/00	8:56	11/29/00	9:13

Comments:

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL North Canton

Metals Data Reporting Form

Post Digest Spike Sample Results

Spike Sample ID: DPJF5A

Original Sample ID: DPJF5 **Client ID:** DSL-16

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/00 **Prep Batch:** 0315160

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	OS Conc	Q	PDS Conc	Q	Spike Level	% Rec	OS DF	PDS DF	Instr	OS Anal Date	OS Anal Time	PDS Anal Date	PDS Anal Time
Antimony	206.8	3.8	BN	38.7	N	31.34	111.4	1	1	ICPST	11/21/00	13:07	11/21/00	21:54
Selenium	196.0	1.0	UN	4.1	N	2.61	156.2	1	1	ICPST	11/21/00	13:07	11/21/00	21:54

Comments:

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL
N Spike recovery failed
NC Percent recovery was not calculated

Form 5B Equivalent

STL North Canton

Metals Data Reporting Form

Sample Duplicate RPD Report

Duplicate Sample ID: DPJF5D

Original Sample ID: DPJF5 **Client ID:** DSL-16D

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/00 **Prep Batch:** 0315160

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	OS Conc	O	Dupe Conc	O	% RPD	OS DF	Dupe DF	Instr	OS Anal Date	OS Anal Time	Dupe Anal Date	Dupe Anal Time
Aluminum	308.215	9990		9910		0.8	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Antimony	206.838	3.8	BN	3.8	B	0.0	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Arsenic	189.042	12.9		13.1		0.2	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Barium	493.409	91.8		75.3		16.5	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Beryllium	313.042	0.48	B	0.41	B	0.1	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Cadmium	226.502	1.8		1.5		0.3	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Calcium	317.933	19900		13300	*	39.6	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Chromium	267.716	20.1		18.9		6.2	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Cobalt	228.616	11.5	B	13.8		2.3	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Copper	324.753	39.1		35.3		10.2	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Iron	271.441	73500		63600		14.4	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Magnesium	279.078	9260		7300	*	23.6	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Manganese	257.61	832		725		13.8	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Mercury	253.7	0.053	B	0.044	U	0.0	1	1	CVAA	11/14/00	8:19	11/14/00	8:21
Nickel	231.604	23.7		22.0		1.8	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Potassium	766.491	1150	B	1120	B	31.9	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Selenium	196.026	1.0	UN	1.2	B	1.0	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Silver	328.068	0.29	U	0.29	U		1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Sodium	330.232	63.7	U	63.7	U		1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Thallium	190.864	1.8	U	1.8	U		1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Vanadium	292.402	25.8		23.1		2.7	1	1	ICPST	11/21/00	13:07	11/21/00	13:19
Zinc	213.856	149		124		18.3	1	1	ICPST	11/21/00	13:07	11/21/00	13:19

U Result is less than the IDL

B Result is between IDL and RL

* Duplicate analysis RPD was not within limits

STL North Canton

Metals Data Reporting Form

Sample Duplicate RPD Report

Duplicate Sample ID: DPJF5D

Original Sample ID: DPJF5 **Client ID:** DSL-16D

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/22/00 **Prep Batch:** 0326383

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	OS Conc	O	Dupe Conc	O	% RPD	OS DF	Dupe DF	Instr	OS Anal Date	OS Anal Time	Dupe Anal Date	Dupe Anal Time
Lead	220.353	118		165	*	33.7	1	1	ICPST	11/29/00	8:56	11/29/00	9:07

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL
* Duplicate analysis RPD was not within limits

Form 6 Equivalent

STL North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: LCSS

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/00 **Prep Batch:** 0315160

Weight: 1.00 **Volume:** 200 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Aluminum	308.215	8270	7650	92.5		51-149	1	ICPST	11/21/00	12:59
Antimony	206.838	32.6	17.3	53.0		6-209	1	ICPST	11/21/00	12:59
Arsenic	189.042	185	182	98.4		74-126	1	ICPST	11/21/00	12:59
Barium	493.409	177	163	91.9		77-123	1	ICPST	11/21/00	12:59
Beryllium	313.042	45.0	45.2	100.5		78-122	1	ICPST	11/21/00	12:59
Cadmium	226.502	64.0	67.2	105.1		77-123	1	ICPST	11/21/00	12:59
Calcium	317.933	10500	10900	103.7		75-126	1	ICPST	11/21/00	12:59
Chromium	267.716	143	140	97.6		80-120	1	ICPST	11/21/00	12:59
Cobalt	228.616	212	213	100.4		79-120	1	ICPST	11/21/00	12:59
Copper	324.753	92.7	90.4	97.5		82-118	1	ICPST	11/21/00	12:59
Iron	271.441	12700	11600	91.6		59-141	1	ICPST	11/21/00	12:59
Magnesium	279.078	2750	2570	93.4		75-125	1	ICPST	11/21/00	12:59
Manganese	257.61	388	371	95.6		80-120	1	ICPST	11/21/00	12:59
Mercury	253.7	0.99	1.2	117.3		57-142	1	CVAA	11/14/00	8:17
Nickel	231.604	74.5	77.0	103.4		78-122	1	ICPST	11/21/00	12:59
Potassium	766.491	3580	3670	102.6		73-127	1	ICPST	11/21/00	12:59
Selenium	196.026	150	156	104.2		74-125	1	ICPST	11/21/00	12:59
Silver	328.068	90.0	86.3	95.9		74-126	1	ICPST	11/21/00	12:59
Sodium	330.232	1020	946	92.7	B	68-132	1	ICPST	11/21/00	12:59
Thallium	190.864	80.3	86.4	107.6		57-143	1	ICPST	11/21/00	12:59
Vanadium	292.402	173	160	92.3		68-132	1	ICPST	11/21/00	12:59
Zinc	213.856	273	277	101.4		77-123	1	ICPST	11/21/00	12:59

Comments: Lot #: A0K080242

Version 4.10.5

U Result is less than the IDL

B Result is between IDL and RL

Form 7 Equivalent

STL North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: LCSS2

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/22/00 **Prep Batch:** 0326383

Weight: 1.00 **Volume:** 200 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Lead	220.353	119	125	105.3		76-124	1	ICPST	11/29/00	8:48

Comments: Lot #: A0K080242

STL North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: DPJF5L

Original Sample ID: DPJF5 **Client ID:** DSL-16

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/00 **Prep Batch:** 0315160

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	9990		10100		0.7	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Antimony	206.838	3.8	BN	7.3	B		1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Arsenic	189.042	12.9		13.1			1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Barium	493.409	91.8		91.9	B	0.1	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Beryllium	313.042	0.48	B	0.45	B		1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Cadmium	226.502	1.8		1.8	B		1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Calcium	317.933	19900		20500		3.2	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Chromium	267.716	20.1		21.1		5.0	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Cobalt	228.616	11.5	B	12.2	B	6.7	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Copper	324.753	39.1		39.1		0.0	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Iron	271.441	73500		75800		3.2	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Magnesium	279.078	9260		9380		1.3	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Manganese	257.61	832		858		3.1	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Nickel	231.604	23.7		24.4	B		1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Potassium	766.491	1150	B	1240	B	7.7	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Selenium	196.026	1.0	UN	5.2	U		1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Silver	328.068	0.29	U	1.4	U		1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Sodium	330.232	63.7	U	319	U		1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Thallium	190.864	1.8	U	8.9	U		1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Vanadium	292.402	25.8		26.6	B	2.9	1	5	ICPST	11/21/00	13:07	11/21/00	13:13
Zinc	213.856	149		154		4.0	1	5	ICPST	11/21/00	13:07	11/21/00	13:13

Comments:

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL
L Serial dilution percent difference not within limits

Form 9 Equivalent

STL North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: DPJF5L

Original Sample ID: DPJF5 **Client ID:** DSL-16

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/22/00 **Prep Batch:** 0326383

Weight: 1.00 **Volume:** 200 **Percent Moisture:** 23.427

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Lead	220.353	118		121		2.4	1	5	ICPST	11/29/00	8:56	11/29/00	9:01

Comments:

Version 4.10.5

U Result is less than the IDL
B Result is between IDL and RL
L Serial dilution percent difference not within limits

Form 9 Equivalent

STL North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: CVAA **Units:** ug/L

Element	Wavelength /Mass	Reporting Limit	IDL	Date of IDL
Mercury	253.70	0.2	0.10	10/12/00

STL North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPST **Units:** ug/L

Element	Wavelength /Mass	Reporting Limit	IDL	Date of IDL
Aluminum	308.21	200	19.9	9/8/00
Antimony	206.84	60	3.1	9/8/00
Arsenic	189.04	10	3.2	9/8/00
Barium	493.41	200	0.15	9/8/00
Beryllium	313.04	5	0.080	9/8/00
Cadmium	226.50	5	0.25	9/8/00
Calcium	317.93	5000	7.7	9/8/00
Chromium	267.72	10	1.1	9/8/00
Cobalt	228.62	50	0.83	9/8/00
Copper	324.75	25	1.3	9/8/00
Iron	271.44	100	16.0	9/8/00
Lead	220.35	3	1.9	9/8/00
Magnesium	279.08	5000	14.2	9/8/00
Manganese	257.61	15	0.15	9/8/00
Nickel	231.60	40	2.0	9/8/00
Potassium	766.49	5000	19.5	9/8/00
Selenium	196.03	5	4.0	9/8/00
Silver	328.07	10	1.1	9/8/00
Sodium	330.23	5000	244	9/8/00
Thallium	190.86	10	6.8	9/8/00
Vanadium	292.40	50	0.76	9/8/00
Zinc	213.86	20	1.2	9/8/00

STL North Canton

Metals Data Reporting Form

Inter-Element Correction Factors

Instrument: ICPST **Date of IEC's:** 9/6/00

Interfering Element	Wavelength /Mass	Correction Factor(s)
Aluminum	308.215	Cd(0.000012), Pb(-0.000012666), Tl(-0.00002), Zn(0.000011)
Chromium	267.716	As(-0.00249), Fe(0.001539), Sb(0.007736887), Tl(0.000317)
Copper	324.753	Pb(0.000399626), Zn(0.000686)
Iron	271.441	As(0.000001), Cd(0.000159), Mn(0.000011), Mo(-0.00001), Pb(0.000068659), Sb(-0.000014332), Se(-0.000213312), Tl(-0.0001), V(0.000027), Zn(0.000139)
Manganese	257.61	Ag(0.000126), Al(0.0062), Mg(-0.00193), Pb(0.00005733), Se(0.000467619)
Molybdenum	202.03	Al(0.011498), As(-0.00172), Cu(0.00038), Fe(0.002719), Pb(-0.000749925), Sb(-0.007208958), V(-0.00157)
Nickel	231.604	Cd(0.000058), Co(0.00022), Pb(0.000186648), Sb(-0.000446622), Zn(0.00448)
Vanadium	292.402	Al(0.033459), Be(0.000202), Cr(0.000165), Cu(-0.00034), Fe(0.011936), Pb(-0.00193314), Sb(-0.001576509), Tl(0.002681)

STL North Canton

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICPST **Units:** ug/L

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Aluminum	308.21	500000	9/13/00
Antimony	206.84	10000	9/6/00
Arsenic	189.04	10000	9/6/00
Barium	493.41	25000	9/6/00
Beryllium	313.04	4000	9/7/00
Cadmium	226.50	2500	9/6/00
Calcium	317.93	600000	9/15/00
Chromium	267.72	50000	9/6/00
Cobalt	228.62	50000	9/13/00
Copper	324.75	50000	9/6/00
Iron	271.44	600000	9/6/00
Lead	220.35	15000	9/6/00
Magnesium	279.08	600000	9/6/00
Manganese	257.61	30000	9/7/00
Nickel	231.60	50000	9/6/00
Potassium	766.49	600000	9/7/00
Selenium	196.03	10000	9/6/00
Silver	328.07	2000	9/7/00
Sodium	330.23	600000	9/6/00
Thallium	190.86	20000	9/6/00
Vanadium	292.40	50000	9/6/00
Zinc	213.86	10000	9/15/00

Metals Data Reporting Form

Preparation Log

Preparation Batch: 0315160 **Instrument:** ICP **Matrix:** Soil

Sample ID	Prep Date	Weight (g)	Volume (ml)	% Moisture
LCSS	11/13/00	1.00	200	NA
PBS	11/13/00	1.00	200	NA
DPJF5	11/13/00	1.00	200	23.427
DPJF5D	11/13/00	1.00	200	23.427
DPJF5S	11/13/00	1.00	200	23.427
DPJF5ST	11/13/00	1.00	200	23.427

Metals Data Reporting Form

Preparation Log

Preparation Batch: 0315160-Hg **Instrument:** CVAA **Matrix:** Soil

Sample ID	Prep Date	Weight (g)	Volume (ml)	% Moisture
LCSS	11/13/00	0.6	200	NA
PBS	11/13/00	0.6	200	NA
DPJF5	11/13/00	0.6	200	23.427
DPJF5D	11/13/00	0.6	200	23.427
DPJF5S	11/13/00	0.6	200	23.427

Metals Data Reporting Form

Preparation Log

Preparation Batch: 0326383 **Instrument:** ICP **Matrix:** Soil

Sample ID	Prep Date	Weight (g)	Volume (ml)	% Moisture
LCSS2	11/22/00	1.00	200	NA
PBS2	11/22/00	1.00	200	NA
DPJF5	11/22/00	1.00	200	23.427
DPJF5D	11/22/00	1.00	200	23.427
DPJF5ST	11/22/00	1.00	200	23.427

Metals Data Reporting Form

Instrument Runlog

Instrument: CVAA **Chart Number:** hg11114b.prn

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
Std1Rep1		11/14/00	8:02
Std2Rep1		11/14/00	8:04
Std3Rep1		11/14/00	8:05
Std4Rep1		11/14/00	8:06
Std5Rep1		11/14/00	8:07
Std6Rep1		11/14/00	8:08
ICV		11/14/00	8:10
ICB		11/14/00	8:11
CRA		11/14/00	8:12
CCV		11/14/00	8:13
CCB		11/14/00	8:15
PBS		11/14/00	8:16
LCSS		11/14/00	8:17
DPJF5	DSL-16	11/14/00	8:19
DPJF5D	DSL-16D	11/14/00	8:21
DPJF5S	DSL-16S	11/14/00	8:22
CCV		11/14/00	8:23
CCB		11/14/00	8:24

Metals Data Reporting Form

Instrument Runlog

Instrument: ICPST **Chart Number:** i51121b.arc

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
STD1-Blank		11/21/00	11:41
CALSTD		11/21/00	11:47
CAL 2		11/21/00	11:52
ICV		11/21/00	11:57
ICB		11/21/00	12:02
ZZZZZZ		11/21/00	12:08
CRI		11/21/00	12:16
ICSA		11/21/00	12:25
ICSAB		11/21/00	12:31
ZZZZZZ		11/21/00	12:37
CCV		11/21/00	12:42
CCB		11/21/00	12:48
PBS		11/21/00	12:54
LCSS		11/21/00	12:59
DPJF5	DSL-16	11/21/00	13:07
DPJF5L	DSL-16	11/21/00	13:13
DPJF5D	DSL-16D	11/21/00	13:19
DPJF5S	DSL-16S	11/21/00	13:24
DPJF5ST	DSL-16ST	11/21/00	13:30
ZZZZZZ		11/21/00	13:38
ZZZZZZ		11/21/00	13:44
ZZZZZZ		11/21/00	13:52
CCV		11/21/00	13:58
CCB		11/21/00	14:03
ZZZZZZ		11/21/00	14:09
ZZZZZZ		11/21/00	14:14
ZZZZZZ		11/21/00	14:20
ZZZZZZ		11/21/00	14:25
ZZZZZZ		11/21/00	14:31
ZZZZZZ		11/21/00	14:36
ZZZZZZ		11/21/00	14:42
CRI		11/21/00	14:50
ICSA		11/21/00	14:59
ICSAB		11/21/00	15:04
CCV		11/21/00	15:10
CCB		11/21/00	15:15
ZZZZZZ		11/21/00	15:21
ZZZZZZ		11/21/00	15:29
ZZZZZZ		11/21/00	15:35

STL North Canton

Metals Data Reporting Form

Instrument Runlog

Instrument: ICPST **Chart Number:** i51121b.arc

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
ZZZZZZ		11/21/00	15:43
ZZZZZZ		11/21/00	15:49
ZZZZZZ		11/21/00	15:54
ZZZZZZ		11/21/00	16:00
ZZZZZZ		11/21/00	16:08
ZZZZZZ		11/21/00	16:14
ZZZZZZ		11/21/00	16:22
CCV		11/21/00	16:28
CCB		11/21/00	16:33
ZZZZZZ		11/21/00	16:39
ZZZZZZ		11/21/00	16:44
ZZZZZZ		11/21/00	16:50
ZZZZZZ		11/21/00	16:56
ZZZZZZ		11/21/00	17:02
ZZZZZZ		11/21/00	17:07
ZZZZZZ		11/21/00	17:13
CRI		11/21/00	17:21
ICSA		11/21/00	17:30
ICSAB		11/21/00	17:35
CCV		11/21/00	17:41
CCB		11/21/00	17:47
ZZZZZZ		11/21/00	17:52
ZZZZZZ		11/21/00	17:58
ZZZZZZ		11/21/00	18:05
ZZZZZZ		11/21/00	18:11
ZZZZZZ		11/21/00	18:16
ZZZZZZ		11/21/00	18:22
ZZZZZZ		11/21/00	18:27
ZZZZZZ		11/21/00	18:33
ZZZZZZ		11/21/00	18:38
ZZZZZZ		11/21/00	18:50
CCV		11/21/00	18:56
CCB		11/21/00	19:01
ZZZZZZ		11/21/00	19:07
ZZZZZZ		11/21/00	19:12
ZZZZZZ		11/21/00	19:18
ZZZZZZ		11/21/00	19:23
ZZZZZZ		11/21/00	19:29
ZZZZZZ		11/21/00	19:38

Metals Data Reporting Form

Instrument Runlog

Instrument: ICPST **Chart Number:** i51121b.arc

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
ZZZZZZ		11/21/00	19:44
CRI		11/21/00	19:53
ICSA		11/21/00	20:02
ICSAB		11/21/00	20:07
CCV		11/21/00	20:13
CCB		11/21/00	20:18
CCV		11/21/00	20:43
CCB		11/21/00	20:49
ZZZZZZ		11/21/00	20:54
ZZZZZZ		11/21/00	21:00
ZZZZZZ		11/21/00	21:05
ZZZZZZ		11/21/00	21:16
ZZZZZZ		11/21/00	21:21
ZZZZZZ		11/21/00	21:29
ZZZZZZ		11/21/00	21:34
ZZZZZZ		11/21/00	21:40
ZZZZZZ		11/21/00	21:45
DPJF5A	DSL-16	11/21/00	21:54
CCV		11/21/00	21:59
CCB		11/21/00	22:05
ZZZZZZ		11/21/00	22:12
CRI		11/21/00	22:21
ICSA		11/21/00	22:29
ICSAB		11/21/00	22:35
CCV		11/21/00	22:40
CCB		11/21/00	22:46

Metals Data Reporting Form

Instrument Runlog

Instrument: ICPST **Chart Number:** i51129a.arc

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
STD1-Blank		11/29/00	7:31
CALSTD		11/29/00	7:37
CAL 2		11/29/00	7:42
ICV		11/29/00	7:46
ICB		11/29/00	7:52
ZZZZZZ		11/29/00	7:57
CRI		11/29/00	8:06
ICSA		11/29/00	8:14
ICSAB		11/29/00	8:20
ZZZZZZ		11/29/00	8:25
CCV		11/29/00	8:31
CCB		11/29/00	8:36
PBS2		11/29/00	8:42
LCSS2		11/29/00	8:48
DPJF5	DSL-16	11/29/00	8:56
DPJF5L	DSL-16	11/29/00	9:01
DPJF5D	DSL-16D	11/29/00	9:07
DPJF5ST	DSL-16ST	11/29/00	9:13
ZZZZZZ		11/29/00	9:21
ZZZZZZ		11/29/00	9:27
ZZZZZZ		11/29/00	9:35
ZZZZZZ		11/29/00	9:40
CCV		11/29/00	9:46
CCB		11/29/00	9:52
CRI		11/29/00	9:58
ICSA		11/29/00	10:06
ICSAB		11/29/00	10:12
CCV		11/29/00	10:17
CCB		11/29/00	10:23

SCAL	STD OK1244	ICSA	STD OK1175	
SCAL2	STD OK1245	ICSAB 4.0	STD OJ1148	ICSAB STD. OK1176
CRI	STD OK1174	ICV	STD OK1186	
CLP CRI	STD OJ1055	CCV	STD OK1238	

OK11119
OK11130
AOK150126
AOK160127

STL North Canton ICP Data Review Checklist

Run/Project Information:

Run Date: 11/21-22/00 Analyst: LRW Instrument: I5
Prep Batches Run: 0315160, 0319344, 0325238, 0325232, 0319159, 0320276, 0322098, 0319341, 0325235
Cu/MnRatio: 0.2717

Circle Methods used: (6010B/200.7: CORP-MT-0001 Rev 2)
(CLP ILM03.0: CORP-MT-0002 Rev 1) (CLP ILM04.0)
6010A/200.7: CORP-MT-0001NC, Rev 2

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels ?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits ? (*ICV:* 6010B, CLP = 90 - 110%, 200.7 = 95 -105%) (*CCV: 90 - 110%*)	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL or +/- CRDL (CLP) ?	✓			✓
4. High Std. (HCAL) reanalyzed before samples and recovered within QC limits ? (6010A/200.7 95-105%, CLP- N/A)			✓	
5. CRI run and recovered within QC limits ? (+/- 50% for non-CLP - 6010A only)	✓			✓
6. ICSA/ICSAB run at required frequency and within SOP limits ?	✓			✓
B. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed ?	✓			✓
2. All reported results bracketed by in control QC ?	✓			✓
3. Sample analyses done within holding time ?	✓			✓
C. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits ?	✓			✓
2. Method blank done per prep batch and < RL or CRDL (CLP) ?	✓			✓
3. MS/MSD run at required frequency and within limits ?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits ?	✓			✓
5. Serial dilution done per prep batch (or per SDG for CLP) ?	✓			✓
6. Post digest spike analyzed if required (CLP only) ?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately ?	✓			✓
2. Current IDL/LR/IEC data on file ?	✓			✓
3. Calculations checked for error ?	✓			✓
4. Transcriptions checked for error ?	✓			✓
5. All client/project specific requirements met ?	✓			✓
6. Date/time of analysis verified as correct ?	✓			✓

Level I Analyst: [signature] Date: 11/22/00 Time: 1141-0109
Comments:

Level II Reviewer: Larry R. Williams Date: 11.22.00 Time: 11:41 - 01:09
Comments:

n:qaqc/lab_form/icpchk.doc
Revision 1.0, 08/25/00

Method: TOTAL Standard: STD1-Blank
Run Time: 11/21/00 11:41:56

Larry R. Williams

Elem	Ag	Al	As	B	Ba	Be	Ca
Avge	.0002	.0479	-.00818	.0026	.0001	.0016	.0030
SDev	.0008	.0003	.00477	.0001	.0002	.0001	.0001
%RSD	492.8	.5432	58.281	2.442	141.4	7.640	2.189
#1	.0008	.0477	-.00481	.0027	.0003	.0017	.0030
#2	-.0004	.0480	-.01155	.0026	.0000	.0015	.0029

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Avge	-.0074	-.0006	.0018	.0150	-.0008	.0157	.0015
SDev	.0020	.0004	.0002	.0003	.0001	.0016	.0004
%RSD	26.98	65.84	13.27	2.167	7.640	10.34	26.57
#1	-.0060	-.0003	.0016	.0152	-.0008	.0146	.0013
#2	-.0088	-.0009	.0019	.0148	-.0008	.0168	.0018

Elem	Mn	Mo	Na	Ni	Sn	Ti	Tl
Avge	.0010	.0002	.0005	.0014	.0021	.0000	-.00910
SDev	.0000	.0001	.0001	.0001	.0004	.0003	.00412
%RSD	.1973	28.47	23.38	4.088	19.60	101400.	45.234
#1	.0010	.0003	.0004	.0013	.0024	.0003	-.00619
#2	.0010	.0002	.0006	.0014	.0018	-.0003	-.01201

Elem	V	Zn	2203\1	2203\2	1960\1	1960\2	2068/2
Avge	.0002	.0014	.01262	-.00389	-.01447	.01357	-.00008
SDev	.0001	.0001	.00735	.00893	.01988	.00204	.00012
%RSD	70.86	4.483	58.231	229.30	137.33	15.035	141.42
#1	.0003	.0014	.01782	-.01020	-.00042	.01213	.00000
#2	.0001	.0013	.00742	.00242	-.02853	.01501	-.00017

Elem	2068/1	Y_3710
Avge	-.01370	5.0000
SDev	.00322	.0000
%RSD	23.475	.00001
#1	-.01598	5.0000
#2	-.01143	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11972	--	--	--	--	--	--
SDev	23.61764	--	--	--	--	--	--
%RSD	.1972756	--	--	--	--	--	--
#1	11955	--	--	--	--	--	--
#2	11989	--	--	--	--	--	--

Method: TOTAL Standard: CALSTD
Run Time: 11/21/00 11:47:29

Elem	Ag	As	B	Ba	Be	Cd	Co
Avge	6.686	2.8711	2.222	5.611	10.49	14.83	3.101
SDev	.016	.0056	.003	.015	.03	.04	.007
%RSD	.2373	.19529	.1425	.2698	.2879	.2670	.2133
#1	6.675	2.8671	2.220	5.600	10.51	14.86	3.106
#2	6.697	2.8751	2.224	5.621	10.47	14.80	3.096

Elem	Cr	Cu	Mn	Mo	Ni	Sn	Ti
Avge	4.379	3.301	12.15	.6955	2.187	2.551	2.451
SDev	.009	.013	.02	.0013	.004	.004	.001
%RSD	.2029	.3943	.1285	.1815	.2001	.1705	.0276
#1	4.385	3.292	12.17	.6964	2.190	2.554	2.451
#2	4.373	3.311	12.14	.6946	2.184	2.548	2.450

Elem	Tl	V	Zn	2203\1	2203\2	1960\1	1960\2
Avge	3.2696	3.631	5.737	2.4183	7.0626	1.3930	1.5703
SDev	.0124	.004	.003	.0100	.0490	.0097	.0151
%RSD	.38043	.1101	.0489	.41513	.69351	.69557	.96463
#1	3.2784	3.634	5.739	2.4254	7.0972	1.3861	1.5810
#2	3.2608	3.629	5.735	2.4112	7.0279	1.3998	1.5596

Elem	2068/2	2068/1
Avge	.25304	2.8529
SDev	.00064	.0104
%RSD	.25308	.36284
#1	.25259	2.8602
#2	.25349	2.8456

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11690	--	--	--	--	--	--
SDev	26.30451	--	--	--	--	--	--
%RSD	.2250210	--	--	--	--	--	--
#1	11671	--	--	--	--	--	--
#2	11708	--	--	--	--	--	--

Method: TOTAL Standard: CAL 2
Run Time: 11/21/00 11:52:59

Elem	Al	Ca	Fe	K	Mg	Na
Avge	8.960	5.184	3.151	27.36	11.20	.9126
SDev	.006	.002	.002	.02	.00	.0005
%RSD	.0681	.0346	.0563	.0624	.0375	.0584
#1	8.956	5.183	3.150	27.37	11.19	.9130
#2	8.965	5.185	3.153	27.35	11.20	.9122

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11772	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0600678	--	--	--	--	--	--
#1	11777	--	--	--	--	--	--
#2	11767	--	--	--	--	--	--

Method: TOTAL Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag	328.068	CALSTD	STD1-Blank	299.207	-.050229	11/21/00 11:52:59
Al	308.215	CAL 2	STD1-Blank	5610.18	-268.514	11/21/00 11:52:59
As	189.042	CALSTD	STD1-Blank	341.461	2.79353	11/21/00 11:52:59
B	249.678	CALSTD	STD1-Blank	4505.66	-11.8554	11/21/00 11:52:59
Ba	493.409	CALSTD	STD1-Blank	712.947	-.089452	11/21/00 11:52:59
Be	313.042	CALSTD	STD1-Blank	381.404	-.605352	11/21/00 11:52:59
Ca	317.933	CAL 2	STD1-Blank	19300.5	-57.2327	11/21/00 11:52:59
Cd	226.502	CALSTD	STD1-Blank	67.4024	.498127	11/21/00 11:52:59
Co	228.616	CALSTD	STD1-Blank	1289.96	.807596	11/21/00 11:52:59
Cr	267.716	CALSTD	STD1-Blank	914.013	-1.60307	11/21/00 11:52:59
Cu	324.753	CALSTD	STD1-Blank	1217.15	-18.2497	11/21/00 11:52:59
Fe	271.441	CAL 2	STD1-Blank	15862.2	12.5880	11/21/00 11:52:59
K	766.491	CAL 2	STD1-Blank	.912050	.008133	11/21/00 11:52:59
Mg	279.078	CAL 2	STD1-Blank	8933.67	-13.8015	11/21/00 11:52:59
Mn	257.610	CALSTD	STD1-Blank	329.117	-.329891	11/21/00 11:52:59
Mo	202.030	CALSTD	STD1-Blank	5752.80	-1.20165	11/21/00 11:52:59
Na	330.232	CAL 2	STD1-Blank	1.10708	.001222	11/21/00 11:52:59
Ni	231.604	CALSTD	STD1-Blank	1830.22	-2.52235	11/21/00 11:52:59
Se	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Pb	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb	206.838	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sn	189.989	CALSTD	STD1-Blank	3922.93	-8.35741	11/21/00 11:52:59
Ti	334.941	CALSTD	STD1-Blank	4080.64	-.001426	11/21/00 11:52:59
Tl	190.864	CALSTD	STD1-Blank	613.652	5.58460	11/21/00 11:52:59
V	292.402	CALSTD	STD1-Blank	1099.85	-.183867	11/21/00 11:52:59
Zn	213.856	CALSTD	STD1-Blank	700.977	-.966148	11/21/00 11:52:59
2203\1	220.351	CALSTD	STD1-Blank	417.492	-5.26880	11/21/00 11:52:59
2203\2	220.352	CALSTD	STD1-Blank	140.951	.548707	11/21/00 11:52:59
1960\1	196.021	CALSTD	STD1-Blank	711.492	10.2972	11/21/00 11:52:59
1960\2	196.022	CALSTD	STD1-Blank	643.736	-8.73642	11/21/00 11:52:59
2068/2	206.832	CALSTD	STD1-Blank	3911.71	.326286	11/21/00 11:52:59
2068/1	206.831	CALSTD	STD1-Blank	349.464	4.78833	11/21/00 11:52:59
Y_3710	371.030	NONE	STD1-Blank	1.00000	.000000	*NOT STANDARDIZED

Method: TOTAL Sample Name: ICV Operator: MJB
Run Time: 11/21/00 11:57:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.8	12610.	254.49	1018.	982.5	1042.	26120.
SDev	.9	28.	2.73	.	1.1	2.	52.

%RSD	.1787	.2250	1.0723	.0184	.1117	.2236	.1982
#1	492.2	12630.	256.42	1018.	983.3	1040.	26080.
#2	493.4	12590.	252.56	1018.	981.7	1044.	26150.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	12500.	250.00	1000.	1000.	1000.	25000.
Range	5.450	5.450	5.4500	5.450	5.450	5.450	5.450
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	255.6	998.3	1010.	984.0	Q13240.	25840.	24620.
SDev	.2	3.0	3.	.6	47.	125.	24.
%RSD	.0651	.3013	.2681	.0593	.3555	.4854	.0987
#1	255.8	996.2	1008.	984.4	Q13210.	25930.	24600.
#2	255.5	1000.	1012.	983.6	Q13270.	25760.	24640.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	250.0	1000.	1000.	1000.	12500.	25000.	25000.
Range	5.450	5.450	5.450	5.450	5.450	5.450	5.450
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1019.	994.4	25010.	1019.	248.69	253.87	260.26
SDev	2.	.7	2.	4.	1.66	.42	.66
%RSD	.1735	.0691	.0060	.3738	.66603	.16599	.25243
#1	1018.	993.9	25000.	1016.	249.86	253.57	259.79
#2	1020.	994.9	25010.	1022.	247.52	254.17	260.72
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	1000.	25000.	1000.	250.00	250.00	250.00
Range	5.450	5.450	5.450	5.450	5.4500	5.4500	5.4500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	Q931.9	1039.	Q527.52	1002.	1024.	255.27	253.17
SDev	1.2	1.	1.04	3.	1.	.64	.95
%RSD	.1257	.0554	.19677	.2752	.1100	.24999	.37539
#1	Q932.7	1039.	526.79	1000.	1023.	255.72	252.50
#2	Q931.0	1039.	Q528.26	1004.	1025.	254.82	253.84
Errors	QC Fail	QC Pass	QC Fail	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1000.	1000.	500.00	1000.	1000.		
Range	5.450	5.450	5.4500	5.450	5.450		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	253.39	246.34	257.56	261.61	5.0000		
SDev	4.34	.32	.89	.54	.0000		
%RSD	1.7118	.12899	.34440	.20722	.00000		
#1	256.46	246.56	256.93	261.22	5.0000		
#2	250.32	246.11	258.18	261.99	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11954	--	--	--	--	--	--
SDev	20.50610	--	--	--	--	--	--
%RSD	.1715432	--	--	--	--	--	--
#1	11968	--	--	--	--	--	--
#2	11939	--	--	--	--	--	--

Method: TOTAL Sample Name: ICB Operator: MJB
Run Time: 11/21/00 12:02:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0128	10.09	1.4431	3.591	.4172	.4149	21.03
SDev	.7255	8.83	1.5500	.508	.1257	.1787	7.86
%RSD	5648.	87.50	107.40	14.16	30.12	43.07	37.39
#1	-.5001	16.33	.34713	3.950	.5060	.5413	26.59
#2	.5258	3.846	2.5391	3.231	.3283	.2886	15.47
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000	.0000	.0000	.0000	.0000
Range	5.000	100.0	5.0000	100.0	10.00	3.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3136	-.1098	.6892	.4254	8.590	228.0	12.71
SDev	.1466	.2303	.5367	.1017	9.378	18.4	7.88
%RSD	46.73	209.7	77.88	23.91	109.2	8.075	62.00
#1	.4173	.0530	1.069	.3535	15.22	241.0	18.28
#2	.2100	-.2727	.3097	.4973	1.958	215.0	7.138
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	1.000	20.00	5.000	10.00	50.00	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3716	1.684	-95.61	1.839	-1.0762	-1.5455	1.0371
SDev	.2128	.676	202.53	.115	3.2919	.5143	1.4021
%RSD	57.28	40.13	211.8	6.259	305.89	33.274	135.20
#1	.5221	2.162	47.60	1.758	-3.4039	-1.1819	2.0285
#2	.2211	1.206	-238.8	1.921	1.2516	-1.9092	.04564
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000

Range	10.00	10.00	5000.	40.00	5.0000	3.0000	5.0000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.585	.8522	-3.5013	.5080	-.0971	-1.6260	-1.5054
SDev	.226	.7252	3.6423	.3249	.4122	1.1214	1.3308
%RSD	4.928	85.10	104.03	63.95	424.5	68.963	88.407
#1	-4.426	.3394	-.92575	.7377	.1944	-2.4190	-.56431
#2	-4.745	1.365	-6.0768	.2783	-.3886	-.83311	-2.4464
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000	.0000	.00000	.0000	.0000		
Range	100.0	50.00	10.000	20.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-1.8091	-.71026	.66479	1.2229	5.0000
SDev	.1066	4.88216	1.3906	1.4079	.0000
%RSD	5.8923	687.38	209.18	115.12	.00000
#1	-1.8845	-4.1625	1.6481	2.2184	5.0000
#2	-1.7337	2.7420	-.31851	.22743	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11959	--	--	--	--	--	--
SDev	18.95032	--	--	--	--	--	--
%RSD	.1584555	--	--	--	--	--	--
#1	11973	--	--	--	--	--	--
#2	11946	--	--	--	--	--	--

Method: TOTAL Sample Name: CRI Operator: MJC
Run Time: 11/21/00 12:08:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.728	105.1	9.8927	391.3	18.81	9.913	10230.
SDev	.329	2.3	.4883	.6	.03	.015	19.
%RSD	3.378	2.154	4.9358	.1422	.1514	.1501	.1838
#1	9.961	103.5	9.5474	390.9	18.83	9.923	10240.
#2	9.496	106.7	10.238	391.7	18.79	9.902	10220.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.00	100.0	10.000	400.0	20.00	10.00	10000.
Range	50.00	50.00	50.000	50.00	50.00	50.00	50.00

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.092	38.54	9.381	19.46	115.4	10140.	9493.
SDev	.272	.20	.532	.26	9.3	41.	23.
%RSD	13.02	.5211	5.668	1.339	8.050	.4005	.2390
#1	2.284	38.69	9.757	19.64	121.9	10110.	9510.
#2	1.899	38.40	9.005	19.28	108.8	10170.	9477.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.000	40.00	10.00	20.00	100.0	10000.	10000.
Range	50.00	50.00	50.00	50.00	50.00	50.00	50.00

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.99	19.70	9920.	74.27	7.2885	4.9540	12.323
SDev	.14	.35	55.	2.00	1.9266	1.2466	.322
%RSD	.7449	1.801	.5564	2.690	26.433	25.164	2.6134
#1	19.09	19.44	9959.	75.68	8.6508	5.8355	12.095
#2	18.89	19.95	9881.	72.86	5.9262	4.0725	12.550
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	20.00	10000.	80.00	10.000	6.0000	10.000
Range	50.00	50.00	50.00	50.00	50.000	50.000	50.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	196.9	106.3	18.580	37.45	38.79	2.5276	6.1654
SDev	2.2	.1	3.650	.30	.58	.1788	1.9583
%RSD	1.134	.0720	19.642	.7925	1.499	7.0737	31.762
#1	195.3	106.3	21.161	37.66	39.20	2.4012	7.5501
#2	198.4	106.4	16.000	37.24	38.38	2.6541	4.7807
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	200.0	100.0	20.000	40.00	40.00		
Range	50.00	50.00	50.000	50.00	50.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	5.2184	8.3220	8.2726	14.345	5.0000
SDev	3.4826	4.6271	1.8604	.446	.0000
%RSD	66.737	55.601	22.489	3.1093	.00000
#1	2.7558	11.594	6.9571	14.660	5.0000
#2	7.6810	5.0501	9.5882	14.029	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	11976	--	--	--	--	--	--
SDev	8.626841	--	--	--	--	--	--
%RSD	.0720338	--	--	--	--	--	--
#1	11982	--	--	--	--	--	--
#2	11970	--	--	--	--	--	--

Method: TOTAL Sample Name: CRI CLP Operator: MJC
Run Time: 11/21/00 12:16:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.75	22.71	20.361	15.46	.1788	10.30	5.702
SDev	.06	.17	3.158	.25	.0420	.02	.032
%RSD	.3197	.7493	15.510	1.634	23.50	.1641	.5612
#1	19.79	22.59	22.595	15.28	.1491	10.28	5.725
#2	19.70	22.83	18.128	15.64	.2085	10.31	5.680
Errors	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	20.00		20.000			10.00	
Range	50.00		50.000			50.00	

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.39	102.1	20.27	50.12	6.039	213.0	6.798
SDev	.02	.1	.26	.04	5.624	5.5	3.687
%RSD	.1507	.0989	1.277	.0748	93.13	2.603	54.23
#1	10.40	102.0	20.09	50.09	2.062	209.1	4.191
#2	10.38	102.1	20.46	50.15	10.02	216.9	9.405
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	10.00	100.0	20.00	50.00			
Range	50.00	50.00	50.00	50.00			

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.74	.9630	-179.9	81.72	10.996	5.0400	129.79
SDev	.02	.3412	83.4	.50	1.297	.9404	4.26
%RSD	.0518	35.43	46.36	.6097	11.793	18.658	3.2861
#1	30.75	1.204	-120.9	81.37	11.913	4.3750	126.77
#2	30.73	.7217	-238.8	82.07	10.079	5.7049	132.80
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	30.00			80.00	10.000	6.0000	120.00
Range	50.00			50.00	50.000	50.000	50.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8139	.5105	18.469	101.2	41.91	6.1508	4.4854
SDev	1.3877	.7240	3.237	.5	.10	1.0434	1.9307
%RSD	170.5	141.8	17.525	.4622	.2369	16.963	43.045

#1	-1.795	1.022	20.757	100.9	41.84	6.8886	3.1202
#2	.1674	-.0014	16.180	101.6	41.98	5.4130	5.8507
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			20.000	100.0	40.00		
Range			50.000	50.00	50.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	9.0967	11.945	126.67	131.35	5.0000
SDev	.9263	2.407	3.17	4.81	.0000
%RSD	10.183	20.149	2.5009	3.6641	.00001
#1	8.4417	13.646	124.43	127.94	5.0000
#2	9.7517	10.243	128.91	134.75	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11960	--	--	--	--	--	--
SDev	6.081532	--	--	--	--	--	--
%RSD	.0508477	--	--	--	--	--	--
#1	11956	--	--	--	--	--	--
#2	11965	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSA Operator: MJR
Run Time: 11/21/00 12:25:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1861	480300.	.14220	18.78	1.901	.0647	472100.
SDev	.3429	73.	2.1875	.85	.001	.0245	640.
%RSD	184.2	.0152	1538.3	4.519	.0413	37.81	.1355
#1	-.4286	480400.	-1.4046	19.38	1.900	.0474	471700.
#2	.0563	480300.	1.6890	18.18	1.901	.0821	472600.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	500000.	.00000	.0000	.0000	.0000	500000.
Range	5.000	100000.	5.0000	100.0	20.00	4.000	100000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	Q3.851	4.234	-2.389	3.014	200800.	214.6	516600.
SDev	.300	.245	1.047	.318	282.	.5	160.
%RSD	7.787	5.789	43.83	10.56	.1305	.2227	.0309
#1	Q3.639	4.408	-3.130	2.789	200600.	214.2	516500.
#2	Q4.063	4.061	-1.649	3.238	201000.	214.9	516700.

Valid at 2000 +5000

Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	200000.	.0000	500000.
Range	2.000	50.00	5.000	10.00	40000.	5000.	100000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.839	-2.043	-103.9	.1146	-4.1217	-1.5347	Q5.2403
SDev	.040	1.100	11.3	.2341	1.6746	.6025	.0937
%RSD	.4060	53.87	10.85	204.2	40.630	39.257	1.7887
#1	9.867	-2.821	-111.9	-.0509	-5.3058	-1.9608	Q5.1741
#2	9.811	-1.264	-95.96	.2802	-2.9375	-1.1087	Q5.3066

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	10.00	10.00	5000.	40.00	10.000	6.0000	5.0000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.708	-6.248	-1.8416	-1.814	14.79	-35.642	15.493
SDev	2.249	.002	3.5968	.346	.65	.101	.954
%RSD	39.41	.0395	195.31	19.09	4.409	.28265	6.1548
#1	-7.298	-6.246	-4.3850	-2.059	14.33	-35.570	14.819
#2	-4.117	-6.250	.70172	-1.569	15.25	-35.713	16.167

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000	.0000	.00000	.0000	.0000		
Range	100.0	50.00	10.000	50.00	20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	1.1391	-6.7481	16.302	-.28234	5.0000		
SDev	.0061	2.5076	.977	.62849	.0000		
%RSD	.53445	37.161	5.9954	222.60	.00000		
#1	1.1348	-8.5213	16.993	-.72675	5.0000		
#2	1.1434	-4.9749	15.611	.16207	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11105	--	--	--	--	--	--
SDev	4.384200	--	--	--	--	--	--
%RSD	.0394792	--	--	--	--	--	--
#1	11108	--	--	--	--	--	--
#2	11102	--	--	--	--	--	--

Analysis Report QC Standard 11/21/00 12:37:15 PM page 1

Method: TOTAL Sample Name: ICSAB4.0 Operator: MJC
Run Time: 11/21/00 12:31:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	204.6	477400.	99.395	1018.	510.5	499.8	469700.
SDev	.6	239.	2.857	3.	.2	.2	586.
%RSD	.2692	.0501	2.8744	.2535	.0486	.0497	.1248
#1	205.0	477300.	97.375	1020.	510.3	500.0	470100.
#2	204.2	477600.	101.42	1016.	510.7	499.6	469300.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	200.0	500000.	100.00		500.0	500.0	500000.
Range	20.50	20.50	20.500		20.50	20.50	20.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	962.2	488.8	477.0	537.9	199500.	11440.	511800.
SDev	.2	.1	.0	.5	83.	29.	1265.
%RSD	.0195	.0128	.0028	.0861	.0416	.2517	.2472
#1	962.1	488.7	477.0	537.6	199600.	11420.	512700.
#2	962.3	488.8	476.9	538.2	199500.	11460.	510900.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	466.1	976.0	10860.	955.2	44.513	44.483	645.62
SDev	.1	5.2	40.	1.8	1.468	.373	3.09
%RSD	.0251	.5307	.3666	.1853	3.2989	.83751	.47828
#1	466.2	979.7	10890.	956.5	45.551	44.746	643.43
#2	466.0	972.4	10840.	954.0	43.474	44.220	647.80
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	50.000	50.000	600.00
Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	998.7	-5.867	102.51	481.8	1043.	18.697	57.357
SDev	.3	.018	6.71	.2	1.	.553	.283
%RSD	.0343	.3061	6.5453	.0489	.0639	2.9552	.49285
#1	999.0	-5.880	107.25	481.9	1043.	19.088	57.557
#2	998.5	-5.854	97.761	481.6	1044.	18.306	57.157
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			100.00	500.0	1000.		
Range			20.500	20.50	20.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	46.413	43.564	637.87	649.49	5.0000
SDev	5.688	.638	3.51	2.88	.0000
%RSD	12.254	1.4644	.54972	.44325	.00000
#1	50.435	43.113	635.39	647.45	5.0000
#2	42.391	44.015	640.35	651.52	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11131	--	--	--	--	--	--
SDev	34.08268	--	--	--	--	--	--
%RSD	.3061933	--	--	--	--	--	--
#1	11107	--	--	--	--	--	--
#2	11155	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSAB Operator: MJC
Run Time: 11/21/00 12:37:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1014.	479600.	998.83	1061.	512.1	507.7	473100.
SDev	3.	1332.	3.06	4.	1.6	.8	685.
%RSD	.3014	.2777	.30606	.3639	.3139	.1587	.1448
#1	1017.	480500.	1001.0	1064.	513.2	508.3	473600.
#2	1012.	478700.	996.67	1059.	510.9	507.1	472600.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	500000.	1000.0	1000.	500.0	500.0	500000.
Range	20.50	20.50	20.500	20.50	20.50	20.50	20.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1010.	485.5	482.3	539.5	200900.	11520.	516500.
SDev	1.	.0	.5	1.1	373.	91.	1681.
%RSD	.0527	.0041	.0967	.2013	.1855	.7873	.3255
#1	1009.	485.5	482.0	540.2	201200.	11590.	517700.
#2	1010.	485.5	482.6	538.7	200600.	11460.	515300.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.7	983.2	10520.	956.7	996.30	982.34	1075.6

SDev	.8	2.8	23.	1.2	5.63	.76	5.3
%RSD	.1584	.2844	.2234	.1207	.56521	.07728	.49105
#1	510.2	985.2	10500.	957.5	1000.3	981.81	1079.3
#2	509.1	981.2	10530.	955.9	992.32	982.88	1071.9
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	1000.0	1000.0	1000.0
Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1005.	1055.	971.96	487.2	1054.	956.47	995.26
SDev	5.	2.	.78	.8	2.	3.97	.85
%RSD	.4820	.2324	.08024	.1721	.1991	.41552	.08500
#1	1009.	1057.	972.52	487.7	1056.	953.66	995.86
#2	1002.	1054.	971.41	486.6	1053.	959.28	994.66
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1000.	1000.	1000.0	500.0	1000.		
Range	20.50	20.50	20.500	20.50	20.50		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	997.94	995.49	1052.3	1087.2	5.0000		
SDev	8.28	4.31	2.3	9.1	.0000		
%RSD	.83011	.43263	.21989	.83458	.00000		
#1	1003.8	998.53	1050.7	1093.6	5.0000		
#2	992.08	992.44	1054.0	1080.8	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11155	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0126774	--	--	--	--	--	--
#1	11156	--	--	--	--	--	--
#2	11154	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 12:42:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	992.6	25440.	505.11	5063.	1997.	2031.	51510.
SDev	1.4	19.	3.50	12.	.	3.	82.

%RSD	.1423	.0732	.69314	.2299	.0017	.1675	.1594
#1	991.6	25450.	507.58	5054.	1997.	2029.	51450.
#2	993.6	25430.	502.63	5071.	1997.	2034.	51570.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	508.4	2007.	1999.	1981.	25850.	52010.	50640.
SDev	1.4	3.	3.	1.	56.	4.	1.
%RSD	.2758	.1617	.1635	.0414	.2153	.0084	.0010
#1	507.4	2004.	1997.	1982.	25810.	52010.	50640.
#2	509.4	2009.	2002.	1981.	25890.	52010.	50640.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2002.	1979.	48960.	2014.	499.62	503.19	513.16
SDev	4.	11.	240.	.	4.82	2.30	1.49
%RSD	.1908	.5415	.4906	.0159	.96388	.45672	.29078
#1	1999.	1971.	48790.	2013.	503.03	501.56	514.22
#2	2004.	1986.	49130.	2014.	496.22	504.81	512.10
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4981.	5034.	1004.5	1986.	2030.	505.30	502.13
SDev	1.	4.	4.5	4.	4.	6.87	.01
%RSD	.0120	.0879	.44822	.1773	.2028	1.3601	.00284
#1	4982.	5031.	1001.4	1984.	2027.	500.44	502.12
#2	4981.	5038.	1007.7	1989.	2033.	510.16	502.14
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	499.68	499.59	515.72	511.88	5.0000		
SDev	6.77	3.84	2.47	3.47	.0000		
%RSD	1.3541	.76902	.47898	.67796	.00000		
#1	504.46	502.31	513.97	514.34	5.0000		
#2	494.90	496.88	517.46	509.43	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11806	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0539040	--	--	--	--	--	--
#1	11811	--	--	--	--	--	--
#2	11802	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 12:48:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6511	63.52	2.4751	6.794	.4769	.3831	67.84
SDev	.6740	8.83	2.9695	1.914	.0437	.0928	12.88
%RSD	103.5	13.90	119.98	28.18	9.156	24.23	18.99
#1	1.128	69.76	4.5748	8.148	.5077	.4487	76.95
#2	.1744	57.27	.37527	5.440	.4460	.3174	58.73
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5355	.6463	.8046	-.0348	47.72	231.9	64.27
SDev	.0267	.2282	.4927	.0483	6.65	12.2	14.47
%RSD	4.985	35.31	61.24	138.8	13.94	5.267	22.51
#1	.5167	.8076	1.153	-.0006	52.42	240.6	74.50
#2	.5544	.4849	.4562	-.0690	43.02	223.3	54.04
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4265	2.407	-39.96	-.6853	-.87439	-.83460	2.3894
SDev	.1381	1.030	30.72	.6541	.47695	.66696	1.2068
%RSD	32.39	42.78	76.89	95.45	54.546	79.914	50.504
#1	.5241	3.136	-61.68	-.2227	-1.2116	-1.3062	1.5361
#2	.3288	1.679	-18.23	-1.148	-.53714	-.36299	3.2427
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000

Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.806	1.193	.61195	1.106	.4656	-2.2334	-.13626
SDev	2.756	.244	2.3811	.135	.1242	.7864	.60731
%RSD	152.6	20.49	389.10	12.20	26.67	35.213	445.69
#1	-.1423	1.366	2.2957	1.202	.5534	-2.7895	-.56570
#2	3.755	1.020	-1.0718	1.011	.3778	-1.6773	.29317
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-.07903	-1.2715	.02155	3.5716	5.0000
SDev	1.19238	1.3104	1.3941	2.5052	.0000
%RSD	1508.7	103.06	6470.3	70.143	.00000
#1	.76411	-2.1980	1.0073	1.8001	5.0000
#2	-.92217	-.34491	-.96422	5.3431	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11961	--	--	--	--	--	--
SDev	31.98137	--	--	--	--	--	--
%RSD	.2672176	--	--	--	--	--	--
#1	11938	--	--	--	--	--	--
#2	11983	--	--	--	--	--	--

Method: TOTAL Sample Name: PBS SDG#OK04153 Operator: MJC
Run Time: 11/21/00 12:54:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1983	69.50	.68710	8.368	1.066	.3296	221.1
SDev	.1406	23.02	.26145	1.585	.209	.1567	28.3
%RSD	70.90	33.12	38.052	18.94	19.63	47.53	12.80
#1	.2978	85.77	.50222	9.489	1.214	.4404	241.1
#2	.0989	53.22	.87197	7.247	.9181	.2188	201.1
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4715	.9679	1.664	1.073	H102.2	242.2	66.40
SDev	.0701	.2273	.107	.146	7.4	6.1	31.49
%RSD	14.87	23.49	6.419	13.64	7.279	2.536	47.43
#1	.5211	1.129	1.739	.9699	H107.5	246.5	88.66
#2	.4219	.8071	1.588	1.177	96.96	237.8	44.13
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9821	2.625	13.67	2.270	-.56490	-.90130	.78040
SDev	.1931	.677	46.30	.322	2.90393	.76279	3.6906
%RSD	19.66	25.79	338.7	14.18	514.06	84.633	472.91
#1	1.119	2.146	46.40	2.497	-2.6183	-1.4407	-1.8292
#2	.8455	3.104	-19.07	2.042	1.4885	-.36192	3.3900
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000
Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7729	1.525	3.2678	1.097	12.29	-3.2139	.25329
SDev	1.385	.240	1.1897	.257	.32	2.7597	2.5214
%RSD	179.2	15.71	36.406	23.43	2.640	85.866	995.46
#1	-.2065	1.694	2.4266	1.279	12.52	-1.2626	-1.5296
#2	1.752	1.356	4.1090	.9156	12.06	-5.1653	2.0362
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	.10092	-.89731	-.62940	1.4842	5.0000
SDev	3.7196	2.49671	3.22620	3.9224	.0000
%RSD	3685.5	278.24	512.58	264.27	.00000
#1	-2.5292	-2.6628	-2.9107	-1.2893	5.0000
#2	2.7311	.86813	1.6519	4.2578	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12031	--	--	--	--	--	--
SDev	2.262880	--	--	--	--	--	--
%RSD	.0188094	--	--	--	--	--	--
#1	12032	--	--	--	--	--	--
#2	12029	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSS Operator: MJC
Run Time: 11/21/00 12:59:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	431.6	38270.	910.31	246.7	813.7	226.0	54460.
SDev	.0	11.	3.54	1.0	.7	.4	122.
%RSD	.0035	.0292	.38894	.3893	.0848	.1587	.2240
#1	431.6	38260.	907.81	247.4	813.2	226.3	54540.
#2	431.6	38280.	912.82	246.0	814.1	225.8	54370.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	565.0	61500.	1165.0	371.5	1090.	274.0	66000.
Low	335.0	21000.	690.00	149.0	685.0	176.5	39200.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	336.2	1065.	697.5	451.9	58190.	18360.	12840.
SDev	1.2	2.	1.8	1.0	93.	17.	13.
%RSD	.3643	.1964	.2595	.2197	.1604	.0943	.0993
#1	337.1	1066.	698.8	451.2	58260.	18350.	12850.
#2	335.3	1063.	696.3	452.6	58120.	18370.	12840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	393.5	1275.	855.0	545.0	89500.	22700.	17150.
Low	246.0	840.0	570.0	379.5	37350.	13100.	10350.

Elem	Mn	Mo	Na	Ni	Se	Pb REPREP	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1855.	220.2	4730.	385.2	781.84	H765.66	86.332
SDev	2.	1.5	59.	2.2	1.99	1.34	1.453
%RSD	.0906	.6785	1.248	.5629	.25391	.17441	1.6826
#1	1856.	219.1	4688.	386.7	780.43	H766.61	85.305
#2	1854.	221.2	4772.	383.6	783.24	H764.72	87.359
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	2325.		6750.	453.5	940.00	740.00	340.50
Low	1555.		3460.	291.5	555.00	454.50	10.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	364.0	1059.	431.84	798.0	1385.	762.30	767.34
SDev	1.8	2.	3.44	.2	2.	5.53	.76
%RSD	.4843	.1597	.79731	.0312	.1342	.72500	.09868

#1	362.7	1060.	434.27	798.2	1386.	768.21	766.81
#2	365.2	1058.	429.41	797.8	1383.	758.40	767.88
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	560.0	1885.	575.00	1140.	1675.		
Low	281.0	293.0	230.00	590.0	1055.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	788.79	778.37	85.930	86.532	5.0000
SDev	4.07	5.01	1.310	1.524	.0000
%RSD	.51614	.64350	1.5246	1.7609	.00000
#1	791.66	774.83	85.004	85.455	5.0000
#2	785.91	781.91	86.857	87.610	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12312	--	--	--	--	--	--
SDev	8.767710	--	--	--	--	--	--
%RSD	.0712139	--	--	--	--	--	--
#1	12306	--	--	--	--	--	--
#2	12318	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5 Operator: MJC
Run Time: 11/21/00 13:07:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5514	38240.	49.369	52.77	351.5	1.850	76150.
SDev	.7345	36.	.977	.73	.0	.025	46.
%RSD	133.2	.0945	1.9786	1.374	.0061	1.345	.0606
#1	-.0320	38260.	50.060	52.26	351.5	1.868	76180.
#2	-1.071	38210.	48.679	53.29	351.5	1.832	76110.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.792	43.93	77.02	149.6	281300.	4419.	35430.
SDev	.071	.72	.08	.6	179.	1.	3.
%RSD	1.040	1.643	.1026	.3978	.0636	.0237	.0077
#1	6.742	44.44	77.08	150.0	281400.	4419.	35430.
#2	6.842	43.42	76.97	149.2	281100.	4418.	35430.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb R	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3186.	10.17	-20.29	90.84	.90783	581.51	14.612
SDev	.	.68	20.38	.95	3.4094	1.30	1.849
%RSD	.0154	6.714	100.4	1.046	375.55	.22438	12.654
#1	3186.	10.66	-34.71	91.51	-1.5030	580.59	15.919
#2	3185.	9.689	-5.879	90.16	3.3186	582.44	13.304

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.81	632.0	-4.9163	98.87	568.4	581.42	581.56
SDev	3.24	.1	1.8143	.48	2.5	3.33	3.62
%RSD	14.86	.0127	36.903	.4807	.4342	.57301	.62238
#1	24.10	632.0	-3.6334	98.54	570.2	583.78	579.00
#2	19.51	632.1	-6.1991	99.21	566.7	579.06	584.12

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-3.4732	3.0951	27.863	7.9958	5.0000
SDev	1.3910	4.4170	6.890	.6681	.0000
%RSD	40.049	142.71	24.729	8.3552	.00000
#1	-4.4567	-.02827	32.736	7.5234	5.0000
#2	-2.4896	6.2184	22.991	8.4682	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12096	--	--	--	--	--	--
SDev	12.16237	--	--	--	--	--	--
%RSD	.1005504	--	--	--	--	--	--
#1	12087	--	--	--	--	--	--
#2	12104	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5L Operator: MJC
Run Time: 11/21/00 13:13:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1707	7697.	10.040	7.915	70.34	.3469	15720.
SDev	.1239	18.	1.091	1.336	.27	.0001	22.
%RSD	72.57	.2384	10.863	16.88	.3819	.0391	.1386
#1	-.2584	7710.	10.811	8.860	70.53	.3470	15740.
#2	-.0831	7684.	9.2689	6.971	70.15	.3468	15710.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.385	9.375	16.17	29.92	58050.	951.3	7182.
SDev	.017	.074	.11	.23	70.	3.0	11.
%RSD	1.255	.7945	.6926	.7582	.1210	.3192	.1549
#1	1.397	9.322	16.25	30.08	58100.	953.5	7189.
#2	1.373	9.427	16.10	29.76	58000.	949.2	7174.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	656.7	3.466	-150.5	18.66	1.0397	119.95	5.6218
SDev	.9	.338	208.3	.76	4.9555	.15	.9452
%RSD	.1409	9.763	138.4	4.082	476.64	.12800	16.814
#1	657.4	3.226	-297.7	19.20	-2.4644	119.84	6.2902
#2	656.1	3.705	-3.197	18.13	4.5437	120.06	4.9535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.610	128.2	-4.2912	20.34	118.2	118.15	120.85
SDev	1.626	.0	.5807	.39	.6	.23	.11
%RSD	45.03	.0225	13.532	1.930	.5034	.19678	.09444
#1	4.760	128.3	-3.8806	20.62	118.6	117.98	120.77
#2	2.461	128.2	-4.7018	20.06	117.8	118.31	120.93
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	2.3194	.40073	8.9024	3.9840	5.0000
SDev	7.9042	3.4833	.9247	1.8788	.0000
%RSD	340.78	869.24	10.387	47.158	.00001
#1	-3.2697	-2.0623	8.2485	5.3125	5.0000
#2	7.9086	2.8638	9.5562	2.6555	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11965	--	--	--	--	--	--
SDev	2.687558	--	--	--	--	--	--
%RSD	.0224624	--	--	--	--	--	--
#1	11963	--	--	--	--	--	--
#2	11967	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5D Operator: MJC
Run Time: 11/21/00 13:19:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2309	37940.	50.177	49.44	288.4	1.553	50960.
SDev	.7879	21.	2.053	.92	.3	.049	167.
%RSD	341.2	.0560	4.0922	1.868	.0875	3.173	.3285
#1	.7881	37930.	51.628	50.09	288.5	1.588	51080.
#2	-.3262	37960.	48.725	48.78	288.2	1.518	50840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.708	52.69	72.36	135.1	243600.	4296.	27940.
SDev	.005	.19	.21	.8	560.	2.	62.
%RSD	.0958	.3571	.2947	.6149	.2297	.0544	.2214
#1	5.712	52.82	72.21	135.7	244000.	4295.	27980.
#2	5.704	52.55	72.51	134.5	243200.	4298.	27900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2775.	10.28	-14.97	84.05	4.7015	460.00	14.607

SDev	6.	2.72	151.45	.83	.9838	.56	1.510
%RSD	.2113	26.43	1012.	.9880	20.499	.12280	10.341
#1	2779.	12.20	-122.1	84.64	5.3830	459.60	13.539
#2	2771.	8.355	92.12	83.46	4.0201	460.40	15.675
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.49	580.1	-7.3635	88.35	473.0	462.04	458.98
SDev	1.03	1.3	.6383	.26	.2	2.35	.33
%RSD	2.274	.2175	8.6687	.2946	.0520	.50835	.07097
#1	46.23	581.0	-7.8149	88.54	473.2	460.37	459.21
#2	44.76	579.2	-6.9121	88.17	472.9	463.70	458.75
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	6.3154	3.8958	28.361	7.7401	5.0000
SDev	2.3784	2.6323	1.737	1.3972	.0000
%RSD	37.661	67.569	6.1255	18.051	.00000
#1	4.6336	5.7572	27.133	6.7521	5.0000
#2	7.9972	2.0345	29.590	8.7280	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12093	--	--	--	--	--	--
SDev	26.30451	--	--	--	--	--	--
%RSD	.2175221	--	--	--	--	--	--
#1	12074	--	--	--	--	--	--
#2	12111	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5S Operator: MJC
Run Time: 11/21/00 13:24:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.61	55870.	1935.5	1021.	2335.	48.25	104800.
SDev	.54	189.	3.5	.	4.	.13	280.

%RSD	1.012	.3385	.18055	.0279	.1775	.2704	.2672
#1	53.23	56000.	1933.1	1021.	2338.	48.16	104600.
#2	54.00	55730.	1938.0	1022.	2332.	48.34	105000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.06	517.8	277.9	447.9	306500.	59140.	77760.
SDev	.22	1.3	2.1	.6	496.	553.	157.
%RSD	.3924	.2533	.7650	.1432	.1618	.9343	.2017
#1	54.91	516.9	276.4	448.4	306100.	59530.	77650.
#2	55.22	518.8	279.4	447.4	306800.	58750.	77880.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb need spike
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4744.	924.3	48060.	573.7	1867.6	1259.0	272.43
SDev	9.	2.2	141.	1.3	4.1	6.5	.54
%RSD	.1835	.2389	.2927	.2195	.21786	.51403	.19645
#1	4738.	922.7	48160.	572.8	1864.7	1254.4	272.05
#2	4750.	925.9	47960.	574.6	1870.5	1263.6	272.81
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1836.	1667.	1915.9	598.6	1120.	1259.7	1258.7
SDev	3.	1.	6.2	.7	.	6.0	6.7
%RSD	.1619	.0509	.32193	.1182	.0217	.47828	.53190
#1	1834.	1667.	1911.5	598.1	1120.	1255.5	1253.9
#2	1839.	1668.	1920.2	599.1	1120.	1264.0	1263.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	1871.4	1865.7	295.16	261.08	5.0000
SDev	9.3	10.7	1.21	1.41	.0000
%RSD	.49544	.57504	.40962	.53855	.00000
#1	1877.9	1858.2	296.02	260.08	5.0000
#2	1864.8	1873.3	294.31	262.07	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11880	--	--	--	--	--	--
SDev	37.19354	--	--	--	--	--	--
%RSD	.3130638	--	--	--	--	--	--
#1	11907	--	--	--	--	--	--
#2	11854	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5ST Operator: MJC
Run Time: 11/21/00 13:30:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7591	40830.	92.842	91.18	505.9	1.805	38090.
SDev	.6351	8.	3.599	.19	.3	.008	57.
%RSD	83.67	.0184	3.8768	.2122	.0634	.4397	.1499
#1	1.208	40830.	95.387	91.05	505.7	1.810	38130.
#2	.3100	40840.	90.297	91.32	506.1	1.799	38050.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.047	47.76	86.26	186.7	369200.	5226.	17460.
SDev	.180	.23	.34	.6	317.	2.	32.
%RSD	1.991	.4727	.3918	.3180	.0860	.0325	.1838
#1	9.175	47.60	86.50	187.1	369400.	5225.	17480.
#2	8.920	47.92	86.02	186.2	369000.	5228.	17440.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se need A-spike	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3806.	11.79	436.4	102.6	15.643	589.74	17.741
SDev	1.	.37	83.7	1.5	.252	.26	.834
%RSD	.0280	3.143	19.18	1.482	1.6101	.04397	4.7014
#1	3807.	12.05	377.3	103.7	15.821	589.92	17.151
#2	3805.	11.52	495.6	101.6	15.465	589.56	18.331
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.

Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.73	673.5	44.429	116.4	657.8	592.56	588.33
SDev	2.42	.2	.467	.2	.9	2.13	.67
%RSD	8.712	.0304	1.0514	.1527	.1376	.35875	.11432
#1	29.44	673.4	44.098	116.2	657.2	594.06	587.86
#2	26.02	673.7	44.759	116.5	658.4	591.06	588.81
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	15.201	15.864	38.535	7.3594	5.0000
SDev	3.028	1.889	1.460	1.9796	.0000
%RSD	19.921	11.910	3.7898	26.899	.00000
#1	13.060	17.200	39.568	5.9596	5.0000
#2	17.342	14.528	37.503	8.7592	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12069	--	--	--	--	--	--
SDev	39.17399	--	--	--	--	--	--
%RSD	.3245916	--	--	--	--	--	--
#1	12041	--	--	--	--	--	--
#2	12096	--	--	--	--	--	--

Method: TOTAL Sample Name: PBW SDG# OK11130 Operator: MJC
Run Time: 11/21/00 13:38:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4716	31.08	-.61572	28.28	.2946	-.0523	57.11
SDev	.4203	1.35	.53671	.83	.0422	.0228	3.28
%RSD	89.13	4.335	87.168	2.945	14.31	43.52	5.736
#1	-.7688	32.03	-.99524	27.69	.2647	-.0684	59.43
#2	-.1744	30.13	-.23621	28.87	.3244	-.0362	54.80
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2231	.3803	-.0500	.7110	71.73	222.1	8.410
SDev	.1609	.1516	.9118	.5906	11.10	9.7	5.257
%RSD	72.13	39.85	1825.	83.07	15.47	4.364	62.50
#1	.1093	.4875	-.6947	.2934	79.58	215.3	4.693
#2	.3369	.2732	.5948	1.129	63.88	229.0	12.13
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9237	.2284	-253.3	-1.688	-3.1480	-1.3254	1.0147
SDev	.1529	1.347	206.5	.106	2.0573	.4970	.9098
%RSD	16.55	589.7	81.52	6.301	65.351	37.497	89.660
#1	1.032	1.181	-399.3	-1.613	-1.6933	-.97395	.37138
#2	.8156	-.7240	-107.3	-1.764	-4.6027	-1.6768	1.6580
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000
Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.706	.8442	-3.0800	-.0028	14.57	-3.1814	-.39873
SDev	2.299	.7181	.0241	.7717	.11	2.1014	.30406
%RSD	29.84	85.06	.78144	28010.	.7259	66.054	76.256
#1	-9.332	.3365	-3.0970	-.5484	14.64	-1.6955	-.61374
#2	-6.080	1.352	-3.0630	.5429	14.49	-4.6673	-.18373
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	1.2787	-5.3581	.65725	1.1931	5.0000
SDev	3.7616	1.2064	1.3541	.6879	.0000
%RSD	294.17	22.515	206.03	57.656	.00000
#1	3.9385	-4.5050	-.30025	.70669	5.0000
#2	-1.3811	-6.2111	1.6147	1.6795	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12068	--	--	--	--	--	--
SDev	12.30393	--	--	--	--	--	--
%RSD	.1019508	--	--	--	--	--	--
#1	12077	--	--	--	--	--	--
#2	12060	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSW Operator: MJC
Run Time: 11/21/00 13:44:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.18	2080.	2050.1	1028.	1981.	51.07	51890.
SDev	.52	5.	2.6	.	2.	.09	27.
%RSD	.9243	.2539	.12671	.0423	.1184	.1674	.0522
#1	56.55	2084.	2051.9	1028.	1980.	51.01	51870.
#2	55.81	2077.	2048.2	1029.	1983.	51.13	51910.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.25	2410.	2410.0	1205.	2410.	60.25	60250.
Low	39.75	1590.	1590.0	795.0	1590.	39.75	39750.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.42	495.7	202.0	247.8	1137.	51780.	49910.
SDev	.17	.7	.6	.3	5.	5.	30.
%RSD	.3272	.1483	.2853	.1052	.4021	.0097	.0605
#1	51.30	496.2	201.6	247.6	1134.	51780.	49890.
#2	51.54	495.1	202.4	248.0	1141.	51780.	49930.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.25	602.5	241.0	301.3	1205.	60250.	60250.
Low	39.75	397.5	159.0	198.8	795.0	39750.	39750.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	514.6	1009.	50490.	506.7	2137.8	508.98	541.11
SDev	.7	6.	66.	1.9	1.7	.17	.47
%RSD	.1420	.6318	.1310	.3755	.07992	.03259	.08633
#1	514.1	1005.	50440.	505.3	2139.0	509.10	540.78
#2	515.1	1014.	50540.	508.0	2136.6	508.87	541.44
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	602.5	1205.	60250.	602.5	2410.0	602.50	602.50
Low	397.5	795.0	39750.	397.5	1590.0	397.50	397.50

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2027.	1060.	2136.7	502.7	540.4	509.05	508.95
SDev	10.	1.	3.0	.2	.6	3.75	1.62
%RSD	.4832	.1045	.14023	.0334	.1040	.73719	.31925

#1	2021.	1059.	2134.6	502.8	540.0	511.70	507.80
#2	2034.	1061.	2138.8	502.6	540.8	506.39	510.10
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2410.	1205.	2410.0	602.5	602.5		
Low	1590.	795.0	1590.0	397.5	397.5		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	2150.2	2131.6	534.68	544.32	5.0000
SDev	2.4	1.3	5.55	3.47	.0000
%RSD	.11328	.06313	1.0375	.63747	.00001
#1	2151.9	2132.6	538.61	541.87	5.0000
#2	2148.5	2130.7	530.76	546.77	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11940	--	--	--	--	--	--
SDev	1.131095	--	--	--	--	--	--
%RSD	.0094728	--	--	--	--	--	--
#1	11940	--	--	--	--	--	--
#2	11941	--	--	--	--	--	--

Method: TOTAL Sample Name: DPP1QF Operator: MJC
Run Time: 11/21/00 13:52:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0775	40.58	2.7420	42.32	32.39	.0609	5574.
SDev	.3169	.27	.5338	1.34	.04	.0002	7.
%RSD	408.7	.6617	19.467	3.159	.1083	.2745	.1233
#1	-.3016	40.39	3.1194	43.26	32.36	.0610	5579.
#2	.1465	40.77	2.3645	41.37	32.41	.0607	5569.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6557	28.91	-.4624	11.42	58.77	3758.	218.9
SDev	.1629	.01	.1078	.42	3.74	11.	3.2
%RSD	24.85	.0213	23.31	3.709	6.368	.3033	1.463
#1	.5405	28.92	-.3862	11.12	61.42	3749.	221.2
#2	.7709	28.91	-.5387	11.72	56.12	3766.	216.6

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.73	-.2437	23180.	60.14	-1.7371	-2.1999	2.4920
SDev	.08	.6772	62.	.96	2.3035	.0117	5.1590
%RSD	.4349	277.9	.2657	1.589	132.60	.53061	207.02
#1	18.79	.2351	23140.	59.46	-.10830	-2.1917	6.1400
#2	18.67	-.7225	23220.	60.82	-3.3659	-2.2082	-1.1559

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.298	.8473	-6.3856	1.004	1894.	-5.1178	-.74317
SDev	.230	.7200	10.7929	.128	3.	2.3569	1.19420
%RSD	6.965	84.98	169.02	12.77	.1542	46.053	160.69
#1	-3.461	.3381	1.2461	.9132	1896.	-6.7844	.10126
#2	-3.136	1.356	-14.017	1.094	1892.	-3.4512	-1.5876

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	4.4932	-4.8476	.65427	3.4095	5.0000		
SDev	8.2034	.6421	.46688	7.5015	.0000		
%RSD	182.58	13.245	71.360	220.02	.00001		
#1	10.294	-5.3016	.98440	8.7139	5.0000		
#2	-1.3075	-4.3935	.32413	-1.8949	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12019	--	--	--	--	--	--
SDev	2.545999	--	--	--	--	--	--
%RSD	.0211835	--	--	--	--	--	--
#1	12017	--	--	--	--	--	--
#2	12021	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 13:58:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	993.4	25360.	506.86	5079.	1994.	2044.	51690.
SDev	.8	26.	1.40	7.	2.	2.	70.
%RSD	.0774	.1043	.27617	.1423	.1141	.0919	.1364
#1	992.9	25340.	505.87	5074.	1992.	2043.	51640.
#2	993.9	25370.	507.85	5085.	1995.	2045.	51740.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.3	2014.	2009.	1976.	25930.	51510.	50540.
SDev	.1	4.	3.	1.	33.	80.	65.
%RSD	.0259	.2077	.1713	.0710	.1284	.1555	.1293
#1	512.4	2011.	2006.	1975.	25910.	51450.	50500.
#2	512.2	2017.	2011.	1977.	25960.	51580.	50590.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2022.	1979.	48560.	2024.	504.02	503.97	509.19
SDev	2.	2.	75.	3.	1.72	.59	1.65
%RSD	.1114	.0804	.1537	.1491	.34071	.11690	.32351
#1	2020.	1978.	48510.	2022.	505.23	504.39	508.03
#2	2023.	1981.	48620.	2026.	502.81	503.55	510.36
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4972.	5035.	1010.2	1992.	2034.	505.44	503.23
SDev	24.	5.	9.9	3.	3.	.06	.85
%RSD	.4854	.1064	.97992	.1320	.1548	.01141	.16979
#1	4955.	5031.	1003.2	1990.	2032.	505.48	503.84
#2	4989.	5039.	1017.2	1994.	2037.	505.40	502.63
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	509.15	501.46	511.53	508.02	5.0000
SDev	3.66	.75	4.50	.22	.0000
%RSD	.71926	.14882	.87921	.04416	.00001
#1	511.74	501.99	508.35	507.87	5.0000
#2	506.56	500.93	514.71	508.18	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11891	--	--	--	--	--	--
SDev	7.495056	--	--	--	--	--	--
%RSD	.0630319	--	--	--	--	--	--
#1	11896	--	--	--	--	--	--
#2	11886	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 14:03:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3025	30.14	1.8893	6.291	.5387	.5146	30.23
SDev	1.208	1.66	.5530	2.100	.0410	.0428	2.10
%RSD	399.3	5.517	29.268	33.38	7.604	8.315	6.960
#1	-.5517	31.32	1.4983	7.776	.5677	.5449	31.71
#2	1.157	28.97	2.2803	4.806	.5097	.4844	28.74
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5299	.4835	.8512	.6963	15.89	234.7	22.18
SDev	.0405	.6112	.0053	.4647	4.69	2.3	.08
%RSD	7.643	126.4	.6230	66.74	29.51	.9784	.3458
#1	.5013	.0513	.8475	1.025	19.21	233.1	22.13
#2	.5585	.9157	.8550	.3677	12.58	236.3	22.24
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4984	1.694	-9.591	.0140	-2.5235	.18863	2.0103

SDev	.0763	1.359	10.947	2.069	1.5345	.26300	4.4618
%RSD	15.31	80.26	114.1	14760.	60.810	139.42	221.94
#1	.5524	2.655	-17.33	-1.449	-3.6086	.00267	5.1653
#2	.4445	.7324	-1.850	1.477	-1.4384	.37460	-1.1446
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.024	2.052	-1.0838	1.018	.4424	-1.2708	.91727
SDev	1.144	.964	1.6251	.391	.1716	3.2544	1.2305
%RSD	111.8	46.98	149.94	38.42	38.80	256.09	134.14
#1	1.832	2.734	-2.2329	1.294	.5637	-3.5720	1.7873
#2	.2147	1.370	.06525	.7413	.3210	1.0304	.04720
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-3.0769	-2.2472	.33764	2.8454	5.0000		
SDev	.6199	2.6101	.01385	6.6824	.0000		
%RSD	20.145	116.15	4.1010	234.85	.00000		
#1	-2.6386	-4.0928	.34743	7.5706	5.0000		
#2	-3.5152	-.40157	.32785	-1.8797	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11917	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.2136166	--	--	--	--	--	--
#1	11935	--	--	--	--	--	--
#2	11899	--	--	--	--	--	--

Method: TOTAL Sample Name: DPP1QFL Operator: MJC
Run Time: 11/21/00 14:09:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2118	17.53	-.30772	7.184	6.771	.2082	1144.
SDev	.5485	.63	1.29862	1.308	.076	.1118	2.

%RSD	259.0	3.571	422.01	18.21	1.115	53.69	.1641
#1	.5996	17.98	-1.2260	8.109	6.825	.2872	1145.
#2	-.1760	17.09	.61054	6.259	6.718	.1291	1142.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4035	5.501	1.188	2.680	30.48	882.8	41.15
SDev	.1108	.376	.483	.621	8.42	4.6	.46
%RSD	27.46	6.827	40.66	23.18	27.63	.5178	1.113
#1	.4819	5.766	1.530	3.120	36.44	886.0	41.48
#2	.3252	5.235	.8465	2.241	24.52	879.5	40.83
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.062	1.447	4928.	10.42	-.01202	-.81825	2.8638
SDev	.053	.344	35.	.31	2.04964	.05828	.4273
%RSD	1.296	23.76	.7068	2.958	17056.	7.1220	14.919
#1	4.100	1.203	4903.	10.64	-1.4613	-.85945	3.1660
#2	4.025	1.690	4953.	10.20	1.4373	-.77704	2.5617
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.466	.8518	4.7621	1.382	387.1	-4.8124	1.1759
SDev	3.241	.7233	1.5966	.127	1.5	2.7447	1.2829
%RSD	221.1	84.91	33.527	9.216	.3979	57.033	109.10
#1	.8258	1.363	3.6331	1.472	388.1	-6.7532	2.0830
#2	-3.757	.3404	5.8910	1.292	388.2	-2.8717	.26870
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	.82964	-.43222	.33433	4.1267	5.0000
SDev	1.9492	4.04607	1.8582	1.5683	.0000
%RSD	234.95	936.12	555.80	38.003	.00000
#1	2.2079	-3.2932	-.97963	5.2357	5.0000
#2	-.54866	2.4288	1.6483	3.0178	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11950	--	--	--	--	--	--
SDev	15.41479	--	--	--	--	--	--
%RSD	.1289908	--	--	--	--	--	--
#1	11961	--	--	--	--	--	--
#2	11939	--	--	--	--	--	--

Method: TOTAL Sample Name: DPP14F Operator: MJC
Run Time: 11/21/00 14:14:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2367	98.61	2.6402	19.60	7.862	1.269	757.6
SDev	.1224	2.18	1.5525	.77	.088	.021	1.8
%RSD	51.72	2.252	58.800	3.937	1.117	1.664	.2361
#1	-.1501	95.08	3.7380	20.14	7.800	1.284	758.8
#2	-.3233	98.15	1.5425	19.05	7.924	1.254	756.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4182	34.95	.1714	31.57	27.64	492.6	308.7
SDev	.3127	.24	.4816	.53	.94	4.1	1.9
%RSD	74.76	.7010	280.9	1.665	3.387	.8278	.6164
#1	.1971	34.77	-.1691	31.20	26.98	489.7	310.1
#2	.6393	35.12	.5120	31.95	28.31	495.5	307.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.438	1.175	4347.	77.69	-.06976	-.54539	1.6309
SDev	.130	1.346	102.	2.93	3.90881	.60022	1.1257
%RSD	1.536	114.5	2.336	3.775	5603.2	110.05	69.024
#1	8.530	.2238	4275.	75.62	2.6942	-.96981	.83491
#2	8.347	2.127	4418.	79.76	-2.8337	-.12097	2.4269
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.

Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.009	1.347	.89667	.8620	65.78	-3.0030	.88155
SDev	4.816	.001	1.5399	.4471	.22	2.0967	.14692
%RSD	160.1	.0573	171.74	51.86	.3359	69.822	21.556
#1	-6.414	1.346	-.19220	1.178	65.93	-4.4856	.78544
#2	.3965	1.348	1.9855	.5459	65.62	-1.5203	.57767
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	3.0652	-1.6349	-.63064	2.7600	5.0000
SDev	2.3316	4.6962	4.12367	.3710	.0000
%RSD	76.066	287.25	653.88	13.441	.00001
#1	4.7139	1.6859	-3.5465	3.0223	5.0000
#2	1.4165	-4.9556	2.2852	2.4977	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12104	--	--	--	--	--	--
SDev	6.929508	--	--	--	--	--	--
%RSD	.0572474	--	--	--	--	--	--
#1	12109	--	--	--	--	--	--
#2	12100	--	--	--	--	--	--

Method: TOTAL Sample Name: DPP17F Operator: MJC
Run Time: 11/21/00 14:20:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5581	70.27	1.5827	35.02	7.358	1.111	717.3
SDev	.7866	7.87	.0440	1.01	.049	.024	.8
%RSD	141.0	11.20	2.7812	2.875	.6639	2.152	.1047
#1	-.0018	64.70	1.6139	35.73	7.323	1.094	716.8
#2	-1.114	75.84	1.5516	34.31	7.392	1.128	717.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3062	32.80	-.1316	28.79	15.20	448.7	276.5
SDev	.0338	.35	.2854	.76	.01	4.9	6.5
%RSD	11.02	1.054	201.7	2.629	.0334	1.097	2.351
#1	.3301	33.04	.0561	28.25	15.19	452.2	281.1
#2	.2824	32.56	-.3193	29.32	15.20	445.2	271.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.850	1.173	3999.	70.55	-3.2829	-1.1956	2.6342
SDev	.030	1.341	103.	.18	3.1416	.9552	.0079
%RSD	.3886	114.3	2.584	.2519	95.696	79.892	.30087
#1	7.871	2.121	4071.	70.42	-1.0614	-1.8711	2.6286
#2	7.828	.2245	3926.	70.67	-5.5043	-.52020	2.6398
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.118	.6727	-.39335	.5442	57.70	-4.0018	.20536
SDev	.455	.4772	.78233	.1270	.18	.8089	1.8359
%RSD	8.889	70.93	198.89	23.35	.3095	20.213	894.01
#1	-4.797	.3353	-.94655	.4543	57.58	-3.4299	-1.0929
#2	-5.440	1.010	.15984	.6340	57.83	-4.5738	1.5036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-.07545	-4.8842	.66220	3.6188	5.0000
SDev	3.04259	3.1910	.46858	.2458	.0000
%RSD	4032.8	65.334	70.761	6.7930	.00000
#1	2.0760	-2.6278	.99354	3.4450	5.0000
#2	-2.2269	-7.1406	.33087	3.7926	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12111	--	--	--	--	--	--
SDev	11.73770	--	--	--	--	--	--
%RSD	.0969200	--	--	--	--	--	--
#1	12119	--	--	--	--	--	--
#2	12102	--	--	--	--	--	--

Method: TOTAL Sample Name: DPP2FF Operator: MJC
Run Time: 11/21/00 14:25:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7364	21.71	.00612	25.15	13.15	.0086	3149.
SDev	.1914	4.64	.02203	.30	.10	.0228	.
%RSD	25.99	21.38	360.18	1.192	.7327	266.7	.0063
#1	-.8717	24.99	.02169	24.94	13.08	-.0076	3149.
#2	-.6010	18.43	-.00946	25.36	13.22	.0247	3149.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5062	6.077	1.037	3.551	21.75	9222.	880.0
SDev	.1423	.532	.211	.164	5.55	24.	1.9
%RSD	28.11	8.758	20.32	4.606	25.52	.2653	.2193
#1	.4056	5.701	1.186	3.435	25.67	9240.	878.7
#2	.6069	6.453	.8883	3.667	17.82	9205.	881.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.96	.2234	14530.	5.937	-1.7812	-2.0659	1.1825
SDev	.06	.6729	188.	.008	1.3460	1.9683	1.7558
%RSD	.0999	301.2	1.291	.1414	75.568	95.279	148.48
#1	55.92	-.2524	14660.	5.931	-.82942	-3.4577	2.4241
#2	56.00	.6992	14390.	5.943	-2.7329	-.67404	-.05902
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.012	-.0014	-.79697	-.0478	15.38	-3.2031	-1.4981
SDev	4.813	.0000	2.08486	.3223	.26	.2143	3.0580
%RSD	159.8	.0000	261.60	674.8	1.707	6.6901	204.13

#1	-6.416	-.0014	.67725	-.2757	15.19	-3.0516	-3.6604
#2	.3913	-.0014	-2.2712	.1801	15.56	-3.3547	.66427
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	7.7823	-6.5558	2.2594	.64492	5.0000
SDev	.9579	1.5398	.9035	2.1813	.0000
%RSD	12.309	23.487	39.990	338.23	.00000
#1	8.4597	-5.4670	2.8983	2.1874	5.0000
#2	7.1050	-7.6445	1.6205	-.89752	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12115	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0992201	--	--	--	--	--	--
#1	12124	--	--	--	--	--	--
#2	12107	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR20F Operator: MJC
Run Time: 11/21/00 14:31:14
Comment:
Mode: CONC Corr. Factor: 1

Reprep AsSePbTl

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1280	70.77	.53167	21.22	33.26	.7864	1780.
SDev	.0527	2.69	1.0245	1.86	.01	.0003	8.
%RSD	41.17	3.797	192.70	8.764	.0294	.0357	.4755
#1	.1852	72.67	1.2561	22.53	33.27	.7866	1786.
#2	.0907	68.87	-.19280	19.90	33.26	.7862	1774.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3981	3.802	.2963	1.588	4096.	661.7	796.2
SDev	.4029	.303	.4293	.505	21.	11.0	7.6
%RSD	101.2	7.975	144.9	31.81	.5059	1.668	.9512
#1	.6830	4.017	.5998	1.945	4110.	669.5	801.6
#2	.1133	3.588	-.0073	1.231	4081.	653.9	790.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62.93	-.4447	3283.	4.992	-.77486	-.93778	.19403
SDev	.21	1.6874	159.	1.183	1.09539	.48717	.75148
%RSD	.3359	379.4	4.843	23.70	141.37	51.949	387.31
#1	63.08	.7485	3396.	5.829	-1.5494	-.59330	-.33735
#2	62.78	-1.638	3171.	4.156	-.00030	-1.2823	.72540

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.151	.3370	-4.4003	.5732	13.09	-5.1025	1.1415
SDev	1.382	.0001	1.7958	.7119	.50	2.1821	1.8198
%RSD	43.86	.0294	40.810	124.2	3.801	42.766	159.43
#1	-2.174	.3371	-3.1305	1.077	12.74	-6.6455	2.4283
#2	-4.128	.3370	-5.6701	.0698	13.44	-3.5595	-.14533

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	4.0885	-3.2029	1.8130	-.61423	5.0000		
SDev	4.9666	.8373	3.6556	.69842	.0000		
%RSD	121.48	26.141	201.64	113.71	.00000		
#1	.57662	-2.6108	-.77195	-.12037	5.0000		
#2	7.6004	-3.7950	4.3979	-1.1081	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12056	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0293247	--	--	--	--	--	--
#1	12054	--	--	--	--	--	--
#2	12059	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR20FD Operator: MJC
Run Time: 11/21/00 14:36:47
Comment:
Mode: CONC Corr. Factor: 1

Reprep ASSEPBTI

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3812	28.43	.81140	21.88	33.37	.7909	1772.
SDev	.5273	.76	2.9309	.45	.08	.0035	2.
%RSD	138.3	2.664	361.22	2.036	.2513	.4395	.1306
#1	-.7540	27.89	2.8839	22.20	33.31	.7884	1770.
#2	-.0083	28.97	-1.2611	21.57	33.43	.7933	1773.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3301	3.222	-.3823	1.296	4055.	656.1	798.0
SDev	.0420	.233	.0030	.193	19.	1.0	1.0
%RSD	12.73	7.241	.7945	14.88	.4800	.1599	.1232
#1	.3003	3.057	-.3844	1.160	4041.	656.9	797.3
#2	.3598	3.386	-.3801	1.432	4069.	655.4	798.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62.94	.0334	3095.	5.780	-1.4174	-1.6731	-1.1298
SDev	.12	1.689	15.	2.067	.9463	.3422	.8546
%RSD	.1903	5054.	.4878	35.76	66.763	20.456	75.658
#1	62.85	1.228	3084.	4.318	-.74825	-1.4311	-.52526
#2	63.02	-1.161	3106.	7.241	-2.0865	-1.9151	-1.7338
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.560	.5088	.69922	.3034	12.99	-3.3372	-.84234
SDev	1.620	.7215	2.2623	.1925	.07	.9601	.99245
%RSD	24.70	141.8	323.55	63.44	.5049	28.770	117.82
#1	-7.706	-.0014	-.90049	.1673	12.95	-4.0161	-.14057
#2	-5.415	1.019	2.2989	.4395	13.04	-2.6583	-1.5441
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	5.4233	-4.8326	-.45341	-1.4671	5.0000
SDev	4.1558	.6561	.47938	1.0419	.0000
%RSD	76.629	13.577	105.73	71.019	.00000
#1	8.3619	-5.2965	-.11444	-.73036	5.0000
#2	2.4847	-4.3686	-.79238	-2.2039	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12019	--	--	--	--	--	--
SDev	30.12247	--	--	--	--	--	--
%RSD	.2506300	--	--	--	--	--	--
#1	12040	--	--	--	--	--	--
#2	11997	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR20FS Operator: MJC
Run Time: 11/21/00 14:42:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.65	2062.	2045.1	1047.	2011.	51.59	53330.
SDev	.07	5.	4.8	2.	2.	.05	9.
%RSD	.1248	.2431	.23703	.2340	.1045	.1031	.0167
#1	55.70	2066.	2041.7	1049.	2009.	51.55	53330.
#2	55.60	2059.	2048.6	1045.	2012.	51.63	53340.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.00	495.3	201.0	249.0	4938.	52570.	50490.
SDev	.14	.2	.8	.1	2.	69.	24.
%RSD	.2800	.0490	.4046	.0569	.0477	.1316	.0483
#1	51.10	495.2	200.4	248.9	4940.	52520.	50480.
#2	50.89	495.5	201.6	249.1	4936.	52620.	50510.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	564.3	1002.	53670.	509.2	2119.8	505.31	539.32

SDev	.2	1.	243.	.5	.1	1.56	.09
%RSD	.0270	.1313	.4530	.0997	.00603	.30900	.01670
#1	564.2	1003.	53500.	508.9	2119.9	506.42	539.25
#2	564.4	1001.	53840.	509.6	2119.7	504.21	539.38
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2010.	1053.	2118.0	499.5	531.5	502.02	506.95
SDev	11.	1.	15.4	.2	.3	1.59	1.55
%RSD	.5526	.0638	.72739	.0367	.0494	.31595	.30557
#1	2002.	1053.	2107.1	499.4	531.3	503.14	508.05
#2	2018.	1053.	2128.9	499.7	531.7	500.90	505.86
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	2124.5	2117.4	534.79	541.58	5.0000
SDev	4.9	2.6	.87	.57	.0000
%RSD	.23089	.12472	.16246	.10503	.00001
#1	2121.0	2119.3	535.40	541.18	5.0000
#2	2128.0	2115.6	534.17	541.98	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11870	--	--	--	--	--	--
SDev	3.393975	--	--	--	--	--	--
%RSD	.0285929	--	--	--	--	--	--
#1	11868	--	--	--	--	--	--
#2	11872	--	--	--	--	--	--

Method: TOTAL Sample Name: CRI CLP Operator: MJC
Run Time: 11/21/00 14:50:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.19	22.77	23.519	15.24	.3304	10.34	9.316
SDev	.50	.79	.660	.34	.0860	.03	2.106

%RSD	2.488	3.460	2.8048	2.264	26.03	.2992	22.61
#1	19.84	22.21	23.053	15.00	.2696	10.32	10.81
#2	20.55	23.32	23.988	15.48	.3912	10.37	7.827
Errors	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	20.00		20.000			10.00	
Range	50.00		50.000			50.00	

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.50	102.8	20.67	50.57	16.69	227.6	5.052
SDev	.28	.1	.06	.38	11.32	3.6	7.492
%RSD	2.646	.0910	.3057	.7584	67.82	1.590	148.3
#1	10.30	102.9	20.63	50.84	8.687	225.0	-.2456
#2	10.69	102.8	20.72	50.30	24.69	230.1	10.35
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	10.00	100.0	20.00	50.00			
Range	50.00	50.00	50.00	50.00			

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.62	2.429	2.028	84.14	6.8511	5.9383	131.02
SDev	.09	1.037	152.3	.03	2.0387	2.3605	1.22
%RSD	.2869	42.69	7512.	.0341	29.757	39.750	.93493
#1	30.55	1.696	-105.7	84.12	5.4095	4.2691	130.16
#2	30.68	3.162	109.8	84.16	8.2926	7.6074	131.89
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	30.00			80.00	10.000	6.0000	120.00
Range	50.00			50.00	50.000	50.000	50.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.074	.5144	20.149	101.5	41.71	6.8317	5.4922
SDev	3.721	.7295	2.558	1.1	.30	.1586	3.4598
%RSD	91.33	141.8	12.695	1.124	.7091	2.3215	62.994
#1	-1.443	-.0014	18.340	100.7	41.92	6.7196	3.0458
#2	-6.704	1.030	21.957	102.3	41.51	6.9439	7.9386
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			20.000	100.0	40.00		
Range			50.000	50.00	50.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	8.9717	5.7923	128.41	132.33	5.0000
SDev	.5892	2.7623	.56	2.11	.0000
%RSD	6.5673	47.689	.43310	1.5977	.00000
#1	8.5551	3.8391	128.81	130.83	5.0000
#2	9.3883	7.7456	128.02	133.82	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11890	--	--	--	--	--	--
SDev	33.79956	--	--	--	--	--	--
%RSD	.2842617	--	--	--	--	--	--
#1	11914	--	--	--	--	--	--
#2	11866	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSA Operator: MJC
Run Time: 11/21/00 14:59:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2594	482200.	1.9391	17.45	1.971	.0324	474800.
SDev	.6690	24.	2.8478	2.31	.092	.0733	300.
%RSD	257.9	.0049	146.86	13.23	4.644	226.4	.0632
#1	.7324	482200.	3.9529	19.08	2.036	.0842	475000.
#2	-.2136	482200.	-.07458	15.82	1.907	-.0195	474600.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	500000.	.00000		.0000	.0000	500000.
Range	10.00	100000.	10.000		200.0	5.000	100000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.145	4.536	-2.186	2.585	201500.	209.9	518500.
SDev	.021	.165	.175	.238	74.	9.1	23.
%RSD	.5087	3.642	8.005	9.196	.0368	4.333	.0045
#1	4.130	4.653	-2.062	2.753	201500.	216.3	518600.
#2	4.160	4.419	-2.309	2.417	201600.	203.5	518500.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	200000.	.0000	500000.
Range	5.000	50.00	10.00	25.00	40000.	5000.	100000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.900	-1.525	18.86	1.032	-2.9845	-2.4838	2.5279
SDev	.004	.366	229.4	1.988	2.6888	.5092	.2618
%RSD	.0374	24.01	1216.	192.6	90.092	20.501	10.357
#1	9.902	-1.266	181.0	2.438	-4.8857	-2.1237	2.7131
#2	9.897	-1.784	-143.3	-.3735	-1.0832	-2.8438	2.3428
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000

Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.336	-6.268	-4.8750	-1.771	15.07	-32.968	12.735
SDev	4.006	.001	1.5969	.418	.06	1.700	.085
%RSD	120.1	.0230	32.757	23.60	.3789	5.1577	.67125
#1	.5031	-6.269	-3.7458	-2.067	15.11	-31.765	12.675
#2	6.169	-6.267	-6.0041	-1.476	15.03	-34.170	12.796
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	1.8213	-5.3837	13.887	-3.1428	5.0000
SDev	1.9170	3.0740	1.499	1.1408	.0000
%RSD	105.26	57.099	10.793	36.299	.00001
#1	.46569	-7.5574	12.827	-2.3362	5.0000
#2	3.1768	-3.2100	14.946	-3.9495	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11070	--	--	--	--	--	--
SDev	2.545308	--	--	--	--	--	--
%RSD	.0229920	--	--	--	--	--	--
#1	11069	--	--	--	--	--	--
#2	11072	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSAB4.0 Operator: MJC
Run Time: 11/21/00 15:04:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.5	479900.	103.70	1024.	513.1	505.1	474500.
SDev	.6	475.	.58	.	.6	.3	335.
%RSD	.2989	.0989	.56361	.0022	.1209	.0513	.0705
#1	206.0	479500.	103.29	1024.	512.6	504.9	474300.
#2	206.9	480200.	104.11	1024.	513.5	505.3	474700.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	200.0	500000.	100.00		500.0	500.0	500000.
Range	20.50	20.50	20.500		20.50	20.50	20.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	971.3	492.4	480.9	541.0	201000.	11460.	516100.
SDev	1.5	.3	1.3	.2	64.	41.	816.
%RSD	.1496	.0644	.2640	.0457	.0318	.3566	.1580
#1	970.2	492.1	480.0	540.8	200900.	11430.	516700.
#2	972.3	492.6	481.8	541.2	201000.	11490.	515500.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	467.2	983.3	11180.	961.7	48.410	48.476	652.26
SDev	.1	2.1	82.	.7	3.163	3.024	2.89
%RSD	.0154	.2117	.7332	.0697	6.5338	6.2386	.44361
#1	467.2	984.8	11120.	961.2	50.646	50.614	654.30
#2	467.3	981.9	11230.	962.1	46.173	46.337	650.21
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	50.000	50.000	600.00
Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1002.	-5.911	94.007	485.4	1051.	13.897	65.739
SDev	12.	.008	4.523	.8	2.	3.792	6.427
%RSD	1.240	.1369	4.8112	.1654	.2235	27.284	9.7765
#1	993.5	-5.917	97.205	484.9	1049.	11.216	70.284
#2	1011.	-5.905	90.808	486.0	1052.	16.578	61.195
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			100.00	500.0	1000.		
Range			20.500	20.50	20.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	46.735	49.246	641.75	657.51	5.0000
SDev	1.698	5.590	.13	4.27	.0000
%RSD	3.6336	11.351	.02077	.64965	.00000
#1	45.535	53.198	641.84	660.53	5.0000
#2	47.936	45.293	641.65	654.49	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	11048	--	--	--	--	--	--
SDev	15.13236	--	--	--	--	--	--
%RSD	.1369630	--	--	--	--	--	--
#1	11038	--	--	--	--	--	--
#2	11059	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 15:10:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	993.5	25450.	507.49	5067.	1992.	2039.	51660.
SDev	1.0	86.	1.03	10.	4.	1.	112.
%RSD	.0982	.2579	.20206	.2023	.1772	.0417	.2158
#1	992.8	25490.	508.22	5060.	1990.	2038.	51740.
#2	994.2	25400.	506.77	5075.	1995.	2039.	51580.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.1	2005.	2005.	1975.	25890.	51760.	50700.
SDev	.4	1.	2.	4.	46.	6.	169.
%RSD	.0779	.0677	.1050	.2099	.1766	.0115	.3340
#1	510.3	2005.	2003.	1972.	25920.	51760.	50820.
#2	509.8	2006.	2006.	1978.	25860.	51760.	50580.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1994.	1975.	48640.	2014.	495.76	502.70	509.28
SDev	1.	9.	121.	.	.01	.79	.67
%RSD	.0727	.4406	.2487	.0228	.00271	.15734	.13092
#1	1993.	1969.	48550.	2013.	495.75	502.14	509.75
#2	1995.	1981.	48720.	2014.	495.77	503.26	508.81
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4936.	5029.	1009.6	1988.	2029.	502.37	502.86
SDev	.	3.	6.2	1.	1.	.84	.77
%RSD	.0051	.0590	.60941	.0622	.0408	.16626	.15289

#1	4936.	5027.	1013.9	1987.	2028.	501.78	502.31
#2	4936.	5031.	1005.2	1989.	2029.	502.98	503.40
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	503.09	492.09	513.44	507.20	5.0000
SDev	.15	.10	1.81	.10	.0000
%RSD	.03052	.01968	.35287	.01875	.00000
#1	503.20	492.03	514.72	507.27	5.0000
#2	502.98	492.16	512.16	507.13	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11803	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0479264	--	--	--	--	--	--
#1	11799	--	--	--	--	--	--
#2	11807	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 15:15:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4127	85.56	.29079	6.060	.5670	.5440	81.71
SDev	.3354	15.07	.54212	1.822	.0828	.0875	15.65
%RSD	81.26	17.61	186.43	30.07	14.60	16.09	19.15
#1	.6499	96.22	.67413	7.349	.6256	.6058	92.78
#2	.1756	74.90	-.09254	4.772	.5085	.4821	70.65
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000	.0000	.0000	.0000	.0000
Range	5.000	100.0	5.0000	100.0	10.00	3.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4047	.4837	.6922	1.009	32.49	233.0	68.45
SDev	.2738	.1522	.3190	.048	3.71	2.4	14.60
%RSD	67.66	31.47	46.09	4.766	11.42	1.046	21.33
#1	.2111	.3760	.9177	.9750	35.11	234.7	78.78
#2	.5983	.5913	.4666	1.043	29.86	231.3	58.13

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	1.000	20.00	5.000	10.00	50.00	5000.	5000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3998	2.893	-76.53	.4639	-4.8195	-2.5042	2.8367
SDev	.0955	.351	.41	1.401	.7319	.2241	.0293
%RSD	23.90	12.12	.5298	302.0	15.186	8.9499	1.0322
#1	.4674	2.645	-76.81	1.455	Q-5.3370	-2.3457	2.8574
#2	.3322	3.141	-76.24	-.5268	-4.3020	-2.6627	2.8160

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	10.00	10.00	5000.	40.00	5.0000	3.0000	5.0000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3122	1.022	-2.0215	.6029	.9622	-1.1398	-3.1854
SDev	1.1411	.964	3.2898	.3282	.0712	.6977	.0123
%RSD	365.5	94.27	162.74	54.43	7.403	61.212	.38603
#1	.4947	1.704	.30474	.3709	1.013	-.64645	-3.1941
#2	-1.119	.3408	-4.3478	.8349	.9118	-1.6331	-3.1767

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000	.0000	.00000	.0000	.0000		
Range	100.0	50.00	10.000	20.00	20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-6.4468	-4.0071	2.9711	2.7697	5.0000		
SDev	5.6862	3.9361	.9145	.4127	.0000		
%RSD	88.201	98.228	30.779	14.899	.00000		
#1	-2.4261	-6.7903	3.6177	2.4779	5.0000		
#2	-10.468	-1.2239	2.3245	3.0615	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11944	--	--	--	--	--	--
SDev	29.84004	--	--	--	--	--	--
%RSD	.2498266	--	--	--	--	--	--
#1	11965	--	--	--	--	--	--
#2	11923	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3CF Operator: MJC
Run Time: 11/21/00 15:21:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2093	93.15	.49539	20.49	25.20	.4074	2740.
SDev	.0527	34.91	.43033	.79	.21	.1791	35.
%RSD	25.17	37.48	86.867	3.879	.8347	43.95	1.286
#1	.1721	117.8	.79968	21.05	25.35	.5341	2765.
#2	.2466	68.46	.19110	19.93	25.06	.2808	2715.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6116	2.038	1.052	48.82	209.4	827.9	1698.
SDev	.1342	.378	.107	.28	15.8	11.3	36.
%RSD	21.94	18.57	10.19	.5787	7.562	1.360	2.135
#1	.7065	2.306	.9761	48.62	220.6	835.9	1723.
#2	.5167	1.771	1.128	49.02	198.2	820.0	1672.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.159	1.665	6280.	1.958	-4.2746	5.2350	.85806
SDev	.251	.000	14.	.322	1.6183	.4926	1.5403
%RSD	2.744	.0176	.2275	16.46	37.858	9.4094	179.51
#1	9.337	1.665	6290.	2.186	-3.1303	5.5833	1.9472
#2	8.981	1.665	6270.	1.730	-5.4189	4.8867	-.23111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.800	1.353	.98863	.4065	18.30	1.0140	7.3423
SDev	.460	.000	1.1871	.0641	.04	.4108	.9436
%RSD	12.11	.0047	120.08	15.78	.2087	40.510	12.851
#1	-4.125	1.353	.14922	.4518	18.33	.72352	8.0095
#2	-3.474	1.353	1.8280	.3611	18.28	1.3044	6.6751
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	.97607	-6.8960	-.62796	1.6000	5.0000
SDev	4.9269	.0335	1.37864	1.6210	.0000
%RSD	504.77	.48635	219.54	101.32	.00001
#1	4.4599	-6.9198	.34689	2.7462	5.0000
#2	-2.5078	-6.8723	-1.6028	.45371	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12050	--	--	--	--	--	--
SDev	.5655474	--	--	--	--	--	--
%RSD	.0046933	--	--	--	--	--	--
#1	12050	--	--	--	--	--	--
#2	12050	--	--	--	--	--	--

Method: TOTAL Sample Name: PBS SDG#OK11130 Operator: MJC
Run Time: 11/21/00 15:29:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1248	28.52	.90144	-3.005	.6555	.0163	208.1
SDev	.4242	5.58	.74161	.289	.0440	.0211	5.0
%RSD	339.9	19.55	82.270	9.605	6.714	129.9	2.419
#1	-.4248	32.46	.37704	-3.209	.6244	.0312	211.7
#2	.1752	24.58	1.4258	-2.800	.6866	.0013	204.6
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1775	-.1630	.3835	.6729	15.91	218.7	28.40
SDev	.0377	.0025	.1129	.0481	10.31	6.4	8.03
%RSD	21.27	1.529	29.45	7.142	64.82	2.928	28.26
#1	.2042	-.1613	.3036	.6389	8.616	214.2	22.73
#2	.1508	-.1648	.4633	.7069	23.20	223.3	34.08
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7016	2.405	-150.4	.8436	-3.3287	-1.1879	.41172

SDev	.0219	.331	41.9	.2248	.8564	1.1318	.15116
%RSD	3.126	13.76	27.85	26.65	25.729	95.281	36.715
#1	.6861	2.639	-180.0	.6846	-3.9343	-1.9882	.51861
#2	.7171	2.171	-120.8	1.003	-2.7231	-.38755	.30483
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000
Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.19	1.022	-4.2142	.0504	16.02	-1.2181	-1.1727
SDev	2.39	.003	2.3477	.8449	.04	.8758	1.2596
%RSD	12.44	.2521	55.710	1677.	.2520	71.895	107.41
#1	17.50	1.020	-2.5541	-.5470	15.99	-1.8374	-2.0634
#2	20.88	1.024	-5.8743	.6478	16.05	-.59887	-.28206
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-2.3680	-3.8083	1.3283	-.04587	5.0000
SDev	1.3984	.5858	1.3893	.46696	.0000
%RSD	59.057	15.383	104.59	1018.0	.00000
#1	-3.3568	-4.2225	2.3106	-.37606	5.0000
#2	-1.3791	-3.3941	.34591	.28432	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11964	--	--	--	--	--	--
SDev	30.12247	--	--	--	--	--	--
%RSD	.2517865	--	--	--	--	--	--
#1	11985	--	--	--	--	--	--
#2	11942	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSS Operator: MJC
Run Time: 11/21/00 15:35:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	446.9	30910.	939.64	246.3	860.6	236.3	55430.
SDev	1.1	119.	5.78	2.2	1.4	.2	51.

%RSD	.2542	.3838	.61545	.8891	.1659	.0683	.0918
#1	446.0	30830.	943.73	244.7	859.6	236.5	55400.
#2	447.7	31000.	935.55	247.8	861.6	236.2	55470.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	565.0	61500.	1165.0	371.5	1090.	274.0	66000.
Low	335.0	21000.	690.00	149.0	685.0	176.5	39200.
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	340.7	1098.	723.7	459.9	52610.	17800.	12200.
SDev	.0	1.	.9	1.0	26.	166.	14.
%RSD	.0044	.0904	.1306	.2138	.0490	.9304	.1145
#1	340.7	1097.	723.0	459.2	52600.	17680.	12190.
#2	340.7	1099.	724.3	460.6	52630.	17910.	12210.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	393.5	1275.	855.0	545.0	89500.	22700.	17150.
Low	246.0	840.0	570.0	379.5	37350.	13100.	10350.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1898.	228.1	4869.	392.7	791.67	615.01	96.446
SDev	2.	.5	95.	.0	5.53	.83	.973
%RSD	.1183	.2323	1.943	.0055	.69862	.13515	1.0090
#1	1897.	227.8	4802.	392.7	787.76	614.42	95.757
#2	1900.	228.5	4936.	392.7	795.58	615.60	97.134
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2325.		6750.	453.5	940.00	740.00	340.50
Low	1555.		3460.	291.5	555.00	454.50	10.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	411.7	982.0	443.96	829.6	1383.	613.57	615.73
SDev	1.6	.1	10.38	.7	1.	.37	1.43
%RSD	.3802	.0131	2.3379	.0896	.1070	.06016	.23232
#1	410.6	981.9	436.62	830.2	1382.	613.83	614.72
#2	412.8	982.0	451.30	829.1	1384.	613.31	616.74
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	560.0	1885.	575.00	1140.	1675.		
Low	281.0	293.0	230.00	590.0	1055.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	790.99	792.01	96.871	96.233	5.0000		
SDev	4.72	5.94	.395	1.262	.0000		
%RSD	.59659	.74949	.40816	1.3109	.00001		
#1	787.66	787.81	96.591	95.341	5.0000		
#2	794.33	796.20	97.150	97.125	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12244	--	--	--	--	--	--
SDev	7.212627	--	--	--	--	--	--
%RSD	.0589050	--	--	--	--	--	--
#1	12239	--	--	--	--	--	--
#2	12250	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3P Operator: MJC
Run Time: 11/21/00 15:43:44
Comment:
Mode: CONC Corr. Factor: 1

Reprep As Se Pb Tl

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2025	3664.	4.6999	-3.033	34.11	-.1260	2371.
SDev	.9666	7.	.2464	.526	.02	.0004	2.
%RSD	477.3	.1877	5.2426	17.35	.0717	.3531	.0733
#1	.4810	3659.	4.5257	-2.660	34.13	-.1257	2372.
#2	-.8859	3668.	4.8742	-3.405	34.10	-.1264	2370.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4585	1.649	81.73	18.87	10220.	685.9	449.9
SDev	.1891	.298	.41	.24	31.	5.7	3.8
%RSD	41.25	18.09	.5077	1.257	.3045	.8272	.8428
#1	.5922	1.860	81.43	19.04	10200.	689.9	447.2
#2	.3247	1.438	82.02	18.70	10240.	681.9	452.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.56	1.482	844.1	2.107	-2.4629	7.5502	1.4577
SDev	.04	.330	96.3	.003	1.1664	.4041	.1684
%RSD	.0729	22.29	11.41	.1572	47.360	5.3520	11.552
#1	48.59	1.248	776.0	2.109	-1.6381	7.8359	1.5768
#2	48.54	1.716	912.2	2.104	-3.2877	7.2644	1.3386
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.

Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.41	194.1	-2.8197	92.15	13.48	4.2533	9.1962
SDev	3.38	.1	3.3209	.44	.46	1.2184	.0024
%RSD	19.40	.0715	117.77	.4786	3.416	28.646	.02660
#1	15.02	194.2	-.47148	91.84	13.80	5.1148	9.1944
#2	19.79	194.0	-5.1679	92.47	13.15	3.3917	9.1979
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-5.3716	-1.0108	-.13592	2.2533	5.0000
SDev	6.6364	1.5645	1.35220	.4226	.0000
%RSD	123.55	154.78	994.86	18.755	.00000
#1	-.67891	-2.1170	.82023	1.9545	5.0000
#2	-10.064	.09549	-1.0921	2.5522	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12257	--	--	--	--	--	--
SDev	8.767710	--	--	--	--	--	--
%RSD	.0715346	--	--	--	--	--	--
#1	12250	--	--	--	--	--	--
#2	12263	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3PL Operator: MJC
Run Time: 11/21/00 15:49:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5139	763.9	-1.5111	-5.645	6.938	-.0675	494.1
SDev	.0182	.5	.0331	.805	.008	.0006	.6
%RSD	3.536	.0695	2.1875	14.26	.1089	.8578	.1200
#1	-.5010	764.3	-1.5345	-6.214	6.933	-.0679	493.7
#2	-.5267	763.5	-1.4878	-5.076	6.943	-.0670	494.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2443	-.1623	16.57	3.819	2087.	294.6	83.60
SDev	.1103	.1532	.09	.887	11.	7.6	2.74
%RSD	45.17	94.39	.5338	23.22	.5111	2.570	3.281
#1	.1863	-.0540	16.63	3.192	2079.	289.2	81.66
#2	.3223	-.2706	16.50	4.446	2094.	299.9	85.54
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.805	1.221	-73.44	-.0005	-.98470	1.4088	2.6303
SDev	.009	1.357	171.48	1.1864	2.37228	.9082	1.4584
%RSD	.0881	111.1	233.5	262600.	240.91	64.462	55.446
#1	9.811	2.180	-194.7	.8385	.69275	2.0510	1.5991
#2	9.799	.2620	47.81	-.8394	-2.6622	.76667	3.6616
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4895	39.54	1.9285	18.41	4.998	-.10485	2.1645
SDev	1.381	.04	2.7513	.02	.258	3.74408	.5077
%RSD	282.1	.1075	142.67	.0958	5.170	3571.0	23.454
#1	1.466	39.51	-.01697	18.40	4.815	2.5426	1.8056
#2	-.4869	39.57	3.8739	18.43	5.181	-2.7523	2.5235
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-1.6334	-.66086	1.2856	3.3017	5.0000
SDev	5.0133	1.05373	4.1707	4.2687	.0000
%RSD	306.93	159.45	324.40	129.29	.00001
#1	1.9116	.08424	4.2348	.28322	5.0000
#2	-5.1783	-1.4060	-1.6635	6.3201	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	11972	--	--	--	--	--	--
SDev	12.86948	--	--	--	--	--	--
%RSD	.1075010	--	--	--	--	--	--
#1	11981	--	--	--	--	--	--
#2	11962	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3PD Operator: MJC
Run Time: 11/21/00 15:54:48
Comment:
Mode: CONC Corr. Factor: 1

Reprep ASSEPOT1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4595	4145.	5.6031	-3.171	28.74	-.1523	1835.
SDev	.3644	22.	2.0110	1.306	.00	.0001	1.
%RSD	79.31	.5230	35.891	41.19	.0047	.0559	.0562
#1	-.7172	4160.	4.1811	-4.095	28.74	-.1522	1835.
#2	-.2018	4130.	7.0251	-2.247	28.74	-.1523	1836.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3604	1.336	73.10	15.37	7587.	612.5	368.8
SDev	.0501	.000	1.11	.21	3.	7.4	2.1
%RSD	13.90	.0261	1.518	1.371	.0411	1.210	.5572
#1	.3958	1.336	72.31	15.22	7589.	617.7	367.3
#2	.3250	1.336	73.88	15.52	7584.	607.2	370.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.52	3.357	944.7	2.882	-2.2915	6.2828	.70095
SDev	.00	1.001	82.2	1.699	1.5187	.3711	.33208
%RSD	.0046	29.83	8.704	58.94	66.274	5.9064	47.376
#1	34.52	4.065	1003.	4.083	-3.3654	6.5452	.46614
#2	34.51	2.649	886.5	1.681	-1.2176	6.0204	.93577
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4743	176.7	-5.0203	80.13	12.11	7.9592	5.4459
SDev	3.8681	.0	3.8805	.31	.25	1.2486	.0670
%RSD	815.6	.0046	77.297	.3915	2.076	15.687	1.2302

#1	2.261	176.7	-2.2763	79.91	11.93	8.8421	5.3985
#2	-3.209	176.7	-7.7642	80.35	12.29	7.0763	5.4932
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-1.6845	-2.5945	1.4298	.33706	5.0000
SDev	4.7871	.1131	3.6482	2.3193	.0000
%RSD	284.18	4.3585	255.15	688.08	.00001
#1	-5.0695	-2.5146	4.0095	-1.3029	5.0000
#2	1.7005	-2.6745	-1.1499	1.9770	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12192	--	--	--	--	--	--
SDev	.5662379	--	--	--	--	--	--
%RSD	.0046443	--	--	--	--	--	--
#1	12192	--	--	--	--	--	--
#2	12193	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3PS Operator: MJC
Run Time: 11/21/00 16:00:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.84	25380.	1910.0	952.2	1942.	48.30	50900.
SDev	.33	76.	3.8	3.1	3.	.02	125.
%RSD	.6169	.2984	.19639	.3207	.1516	.0416	.2459
#1	53.60	25440.	1907.3	954.3	1944.	48.29	50810.
#2	54.07	25330.	1912.6	950.0	1940.	48.31	50990.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.07	473.6	281.6	255.5	6693.	51030.	47130.
SDev	.03	1.3	.4	.1	25.	161.	96.
%RSD	.0712	.2758	.1311	.0368	.3688	.3151	.2043
#1	49.05	472.7	281.4	255.4	6676.	51140.	47060.
#2	49.10	474.5	281.9	255.5	6711.	50910.	47200.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	515.6	961.1	48670.	490.4	1890.0	494.63	442.01
SDev	.7	2.7	102.	2.8	3.5	1.94	1.94
%RSD	.1453	.2773	.2097	.5648	.18481	.39203	.43979
#1	515.1	959.2	48740.	488.4	1887.5	493.25	440.63
#2	516.1	963.0	48590.	492.3	1892.5	496.00	443.38

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1908.	1158.	2003.5	553.5	517.3	492.73	495.57
SDev	10.	1.	.3	.1	.7	2.21	1.80
%RSD	.5367	.0798	.01657	.0149	.1431	.44806	.36422
#1	1915.	1157.	2003.8	553.5	516.8	491.17	494.29
#2	1901.	1159.	2003.3	553.4	517.8	494.29	496.85

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	1889.4	1890.3	441.34	442.34	5.0000		
SDev	5.2	7.8	6.13	.14	.0000		
%RSD	.27596	.41473	1.3885	.03277	.00000		
#1	1893.1	1884.7	437.01	442.44	5.0000		
#2	1885.7	1895.8	445.68	442.23	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12026	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.4527572	--	--	--	--	--	--
#1	12064	--	--	--	--	--	--
#2	11987	--	--	--	--	--	--

Method: TOTAL Sample Name: PBW SDG# OK11119 Operator: MJC
Run Time: 11/21/00 16:08:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4834	32.60	-.42411	64.72	.2641	-.0692	45.72
SDev	.0534	3.98	.18865	.62	.1660	.0013	3.16
%RSD	11.06	12.22	44.482	.9570	62.84	1.826	6.903
#1	-.4456	29.78	-.29072	65.16	.3815	-.0701	47.95
#2	-.5212	35.42	-.55751	64.28	.1468	-.0683	43.49
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1767	.1677	.4762	.3229	6.033	218.0	8.363
SDev	.1597	.1525	.4858	.2556	9.269	.9	2.041
%RSD	90.38	90.94	102.0	79.14	153.6	.4355	24.40
#1	.0638	.2756	.1327	.1422	-.5212	217.4	9.806
#2	.2897	.0599	.8197	.5036	12.59	218.7	6.920
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4593	.4618	-289.8	-1.840	-.52534	-2.9216	.73315
SDev	.1138	1.678	10.2	.965	2.87295	.6788	3.1089
%RSD	24.78	363.5	3.517	52.43	546.88	23.235	424.05
#1	.5398	1.649	-297.0	-2.522	1.5061	-2.4416	-1.4652
#2	.3788	-.7250	-282.6	-1.158	-2.5568	L-3.4016	2.9315
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000
Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.622	.1671	-.68292	.3166	11.30	-3.4221	-2.6717
SDev	3.450	.2383	.31032	.3234	.92	.6348	.7008
%RSD	74.63	142.6	45.440	102.1	8.152	18.550	26.231
#1	-7.062	.3355	-.90235	.5453	11.95	-2.9732	-2.1762
#2	-2.183	-.0014	-.46349	.0880	10.65	-3.8710	-3.1672
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	4.6777	-3.1229	.97581	.61200	5.0000
SDev	.1368	4.2389	.89668	4.2134	.0000
%RSD	2.9256	135.74	91.891	688.45	.00000
#1	4.7744	-.12554	.34176	-2.3673	5.0000
#2	4.5809	-6.1203	1.6099	3.5913	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12091	--	--	--	--	--	--
SDev	27.01162	--	--	--	--	--	--
%RSD	.2233971	--	--	--	--	--	--
#1	12110	--	--	--	--	--	--
#2	12072	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSW Operator: MJC
Run Time: 11/21/00 16:14:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.01	2108.	2051.4	1043.	1978.	50.96	51860.
SDev	.33	5.	.3	3.	1.	.06	130.
%RSD	.5960	.2508	.01419	.3306	.0526	.1224	.2500
#1	56.25	2104.	2051.6	1040.	1977.	50.92	51950.
#2	55.78	2111.	2051.2	1045.	1979.	51.01	51770.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.25	2410.	2410.0	1205.	2410.	60.25	60250.
Low	39.75	1590.	1590.0	795.0	1590.	39.75	39750.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.10	494.1	203.1	249.4	1149.	51790.	49650.
SDev	.38	.5	.2	.5	5.	2.	8.
%RSD	.7520	.1014	.0787	.2024	.4676	.0035	.0159
#1	50.83	494.5	203.0	249.1	1153.	51790.	49650.
#2	51.37	493.8	203.2	249.8	1146.	51790.	49660.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.25	602.5	241.0	301.3	1205.	60250.	60250.
Low	39.75	397.5	159.0	198.8	795.0	39750.	39750.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.4	1007.	50460.	505.7	2133.5	508.86	539.99

SDev	.4	4.	33.	.3	2.4	1.24	.47
%RSD	.0810	.3534	.0654	.0551	.11429	.24407	.08708
#1	505.1	1005.	50480.	505.9	2131.7	509.73	539.68
#2	505.7	1010.	50440.	505.5	2135.2	507.98	540.33
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	602.5	1205.	60250.	602.5	2410.0	602.50	602.50
Low	397.5	795.0	39750.	397.5	1590.0	397.50	397.50

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2013.	1057.	2133.2	501.9	540.5	508.34	509.11
SDev	1.	1.	7.5	1.0	2.8	2.12	.80
%RSD	.0727	.0831	.35303	.2076	.5261	.41779	.15746
#1	2012.	1057.	2138.5	501.2	542.5	509.84	509.68
#2	2014.	1058.	2127.8	502.7	538.5	506.84	508.55
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2410.	1205.	2410.0	602.5	602.5		
Low	1590.	795.0	1590.0	397.5	397.5		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	2145.0	2127.7	536.64	541.67	5.0000
SDev	.2	3.8	.02	.72	.0000
%RSD	.01110	.17739	.00409	.13217	.00000
#1	2145.1	2125.1	536.65	541.16	5.0000
#2	2144.8	2130.4	536.62	542.18	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11870	--	--	--	--	--	--
SDev	6.505520	--	--	--	--	--	--
%RSD	.0548083	--	--	--	--	--	--
#1	11865	--	--	--	--	--	--
#2	11874	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPVRF Operator: MJC
Run Time: 11/21/00 16:22:43
Comment:
Mode: CONC Corr. Factor: 1

Reprep AsSeBBTl

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3574	65.36	-.53351	21.67	21.79	.0165	2070.
SDev	.0355	3.16	3.49388	.52	.01	.0222	2.

%RSD	9.937	4.836	654.89	2.378	.0522	134.4	.1119
#1	-.3323	63.12	1.9370	22.04	21.78	.0322	2072.
#2	-.3826	67.59	-3.0041	21.31	21.80	.0008	2069.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2579	2.101	.1928	2.103	35.13	866.2	1942.
SDev	.0582	.457	.3773	.010	5.61	3.4	.
%RSD	22.58	21.75	195.7	.4870	15.98	.3931	.0252
#1	.2167	2.425	.4595	2.096	39.10	868.6	1942.
#2	.2991	1.778	-.0740	2.111	31.16	863.8	1943.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.42	-.2391	11840.	1.303	1.1376	-.97419	1.0067
SDev	.13	.6807	40.	.218	4.4704	.39336	.0179
%RSD	.2284	284.6	.3405	16.76	392.97	40.378	1.7756
#1	55.51	-.7204	11810.	1.149	-2.0234	-1.2523	.99405
#2	55.33	.2422	11870.	1.458	4.2986	-.69604	1.0193
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.405	1.363	-1.7242	-.0933	18.07	-2.7947	-.06531
SDev	.002	.001	3.8126	.2588	.01	2.8141	.81521
%RSD	.0284	.0521	221.13	277.5	.0535	100.70	1248.3
#1	-5.407	1.363	.97176	.0897	18.06	-4.7846	.51113
#2	-5.404	1.364	-4.4201	-.2763	18.08	-.80480	-.64175
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	1.6544	.87959	-.32982	1.6739	5.0000		
SDev	1.6778	5.8646	.00922	.0222	.0000		
%RSD	101.42	666.74	2.7956	1.3260	.00000		
#1	.46797	-3.2673	-.33634	1.6582	5.0000		
#2	2.8408	5.0265	-.32330	1.6896	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11960	--	--	--	--	--	--
SDev	6.222402	--	--	--	--	--	--
%RSD	.0520250	--	--	--	--	--	--
#1	11965	--	--	--	--	--	--
#2	11956	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 16:28:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1002.	25530.	509.87	5089.	2008.	2047.	51670.
SDev	.	8.	4.76	2.	2.	1.	6.
%RSD	.0464	.0324	.93418	.0415	.0839	.0708	.0115
#1	1001.	25530.	506.50	5087.	2009.	2048.	51670.
#2	1002.	25540.	513.24	5090.	2007.	2046.	51660.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	511.5	2010.	2011.	1995.	26010.	52240.	50510.
SDev	1.2	1.	1.	2.	8.	20.	8.
%RSD	.2444	.0346	.0404	.0949	.0320	.0376	.0158
#1	512.3	2010.	2012.	1996.	26010.	52220.	50520.
#2	510.6	2011.	2011.	1993.	26000.	52250.	50510.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1997.	1983.	49060.	2024.	503.10	505.84	510.02
SDev	.	2.	105.	1.	6.71	.50	3.86
%RSD	.0145	.1026	.2142	.0653	1.3335	.09852	.75729
#1	1997.	1982.	48990.	2023.	498.35	506.19	512.75
#2	1997.	1985.	49140.	2025.	507.84	505.49	507.29
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00

Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4931.	5048.	1012.4	1996.	2038.	507.17	505.18
SDev	14.	3.	2.3	2.	3.	1.02	1.25
%RSD	.2785	.0540	.23172	.0869	.1248	.20035	.24831
#1	4941.	5050.	1014.1	1997.	2040.	506.45	506.06
#2	4921.	5046.	1010.8	1995.	2036.	507.88	504.29
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	505.85	501.72	516.88	506.60	5.0000
SDev	7.08	6.53	3.53	4.03	.0000
%RSD	1.3990	1.3005	.68386	.79470	.00000
#1	500.84	497.11	519.38	509.45	5.0000
#2	510.85	506.34	514.38	503.75	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11782	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0540138	--	--	--	--	--	--
#1	11778	--	--	--	--	--	--
#2	11787	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 16:33:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1121	28.37	.93829	5.637	.4761	.4452	24.94
SDev	.7947	.84	1.1943	1.891	.1272	.0467	2.41
%RSD	709.1	2.971	127.28	33.54	26.72	10.49	9.680
#1	.4499	27.77	1.7828	6.974	.5660	.4782	26.65
#2	-.6740	28.97	.09381	4.300	.3861	.4122	23.24
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1938	.3779	.7234	.1420	15.22	230.1	16.40
SDev	.1770	.7608	.8055	.3179	3.74	3.7	3.64
%RSD	91.31	201.3	111.4	223.9	24.60	1.598	22.20
#1	.3190	.9159	.1538	.3667	12.57	232.7	13.83
#2	.0687	-.1601	1.293	-.0828	17.86	227.5	18.98
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3981	1.200	-7.436	-2.064	.23268	-.67322	2.3286
SDev	.0207	.004	77.269	.215	.29999	.46772	2.0250
%RSD	5.194	.3277	1039.	10.43	128.93	69.475	86.962
#1	.4127	1.203	-62.07	-2.216	.44481	-1.0039	3.7604
#2	.3834	1.197	47.20	-1.912	.02055	-.34249	.89670
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8136	1.021	-1.0777	1.011	.6211	-2.9819	.47941
SDev	1.405	.965	1.1709	.262	.5832	1.7786	1.5892
%RSD	172.6	94.50	108.65	25.88	93.90	59.646	331.49
#1	1.807	1.704	-1.9056	1.197	1.033	-1.7243	-.64432
#2	-.1796	.3388	-.24973	.8263	.2087	-4.2396	1.6031
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-2.5301	1.6120	-.31818	3.6500	5.0000
SDev	2.1626	.6299	1.85131	2.1117	.0000
%RSD	85.475	39.076	581.84	57.854	.00000
#1	-1.0009	1.1666	.99089	5.1431	5.0000
#2	-4.0593	2.0574	-1.6273	2.1568	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	11979	--	--	--	--	--	--
SDev	19.79899	--	--	--	--	--	--
%RSD	.1652863	--	--	--	--	--	--
#1	11965	--	--	--	--	--	--
#2	11993	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPVRFL Operator: MJC
Run Time: 11/21/00 16:39:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4266	31.26	-.72941	.7619	4.797	.3511	1830.
SDev	.3178	2.03	2.43998	1.881	.260	.1366	14.
%RSD	74.48	6.500	334.51	246.9	5.411	38.90	.7659
#1	-.2019	32.70	-2.4547	2.092	4.981	.4476	1840.
#2	-.6513	29.83	.99591	-.5685	4.614	.2545	1820.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2833	.4843	.5744	.6728	2.636	349.9	378.2
SDev	.0196	.6091	.3811	.6004	.961	2.5	1.6
%RSD	6.919	125.8	66.35	89.23	36.46	.7048	.4226
#1	.2971	.9150	.8440	1.097	1.957	351.6	379.4
#2	.2694	.0536	.3049	.2483	3.316	348.1	377.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.75	1.205	2506.	.9973	-2.4869	-1.1716	.63966
SDev	.17	3.403	33.	1.736	1.2424	.6213	1.2631
%RSD	1.467	282.5	1.310	174.0	49.958	53.034	197.47
#1	11.87	3.611	2530.	2.225	-1.6084	-1.6109	1.5328
#2	11.62	-1.202	2483.	-.2300	-3.3654	-.73222	-.25352
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.422	.3396	-4.1361	.2776	29.79	-.20959	-1.6518
SDev	.469	.0005	1.1379	.0060	.78	1.44937	.2079
%RSD	10.61	.1389	27.512	2.157	2.619	691.53	12.587

#1	-4.091	.3400	-4.9407	.2818	30.34	-1.2344	-1.7989
#2	-4.754	.3393	-3.3314	.2734	29.24	.81527	-1.5048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	.12680	-3.7918	.99043	.46454	5.0000
SDev	4.0227	.1457	2.8075	.49211	.0000
%RSD	3172.6	3.8419	283.47	105.94	.00000
#1	2.9713	-3.8948	2.9757	.81252	5.0000
#2	-2.7177	-3.6888	-.99480	.11656	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11964	--	--	--	--	--	--
SDev	16.54588	--	--	--	--	--	--
%RSD	.1382961	--	--	--	--	--	--
#1	11952	--	--	--	--	--	--
#2	11976	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPVRFD Operator: MJC
Run Time: 11/21/00 16:44:52
Comment:
Mode: CONC Corr. Factor: 1

Reprep Assep6T1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5419	61.39	1.2791	20.15	20.79	.1551	2040.
SDev	.6857	.22	.0620	.26	.12	.0445	6.
%RSD	126.5	.3646	4.8443	1.274	.5796	28.72	.3081
#1	-.0570	61.55	1.3229	20.34	20.88	.1866	2045.
#2	-1.027	61.23	1.2353	19.97	20.71	.1236	2036.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3812	1.718	.9790	1.471	35.64	847.9	1885.
SDev	.0283	.227	.1067	.281	4.65	9.4	7.
%RSD	7.414	13.21	10.90	19.10	13.04	1.104	.3929
#1	.3612	1.879	1.054	1.670	38.93	854.5	1890.
#2	.4012	1.558	.9035	1.273	32.35	841.3	1880.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.51	.7106	11450.	1.051	-2.7478	-1.7365	1.8768
SDev	.22	.6756	141.	.752	1.9655	1.4033	1.4475
%RSD	.4087	95.07	1.229	71.52	71.528	80.810	77.126
#1	53.67	1.188	11550.	1.583	-1.3580	-2.7288	2.9004
#2	53.36	.2329	11350.	.5196	-4.1376	-.74426	.85329

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.120	1.355	-.81333	.7758	14.78	-6.2071	.49539
SDev	2.304	.000	2.19869	.4530	.03	1.0798	1.5648
%RSD	55.91	.0247	270.33	58.40	.2239	17.396	315.87
#1	-2.491	1.355	-2.3680	1.096	14.80	-6.9706	-.61109
#2	-5.749	1.355	.74138	.4555	14.75	-5.4436	1.6019

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	1.6777	-4.9572	.32774	2.6502	5.0000		
SDev	7.5686	.8319	.92530	1.7082	.0000		
%RSD	451.14	16.782	282.33	64.456	.00000		
#1	7.0295	-5.5455	.98202	3.8581	5.0000		
#2	-3.6741	-4.3690	-.32655	1.4423	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12035	--	--	--	--	--	--
SDev	2.969987	--	--	--	--	--	--
%RSD	.0246777	--	--	--	--	--	--
#1	12037	--	--	--	--	--	--
#2	12033	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPVRFS Operator: MJC
Run Time: 11/21/00 16:50:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.32	2153.	2052.1	1059.	2013.	51.12	53640.
SDev	.19	3.	1.6	1.	.	.02	29.
%RSD	.3456	.1284	.07674	.1183	.0137	.0487	.0533
#1	56.19	2155.	2051.0	1058.	2013.	51.10	53620.
#2	56.46	2151.	2053.2	1060.	2013.	51.13	53660.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.30	494.3	202.1	251.7	1152.	52990.	51680.
SDev	.10	1.2	.4	.6	12.	40.	12.
%RSD	.1943	.2474	.1771	.2428	1.078	.0758	.0228
#1	51.23	493.4	202.4	251.2	1143.	53020.	51670.
#2	51.37	495.1	201.9	252.1	1161.	52960.	51680.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	559.2	1005.	62570.	505.0	2131.4	505.09	542.20
SDev	.1	.	92.	1.9	.1	.06	.72
%RSD	.0111	.0237	.1474	.3734	.00308	.01136	.13263
#1	559.2	1005.	62640.	503.6	2131.3	505.13	542.71
#2	559.3	1006.	62510.	506.3	2131.4	505.05	541.69
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1997.	1056.	2123.1	501.2	537.3	504.15	505.56
SDev	.	.	3.7	.1	.1	.32	.25
%RSD	.0249	.0234	.17380	.0262	.0184	.06328	.04853
#1	1998.	1056.	2125.7	501.3	537.4	503.92	505.73
#2	1997.	1056.	2120.5	501.1	537.2	504.38	505.38
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	2135.5	2129.3	537.87	544.38	5.0000
SDev	2.7	1.3	.44	.86	.0000
%RSD	.12725	.05910	.08214	.15753	.00000
#1	2133.6	2130.2	538.19	544.97	5.0000
#2	2137.4	2128.4	537.56	543.76	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11853	--	--	--	--	--	--
SDev	10.88972	--	--	--	--	--	--
%RSD	.0918754	--	--	--	--	--	--
#1	11860	--	--	--	--	--	--
#2	11845	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPV7F Operator: MJC
Run Time: 11/21/00 16:56:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4588	68.19	-.02449	20.70	22.14	.1548	890.9
SDev	.5267	.66	3.62662	.04	.10	.0007	.1
%RSD	114.8	.9733	14807.	.1718	.4576	.4352	.0110
#1	-.8312	67.72	-2.5889	20.67	22.22	.1543	891.0
#2	-.0863	68.66	2.5399	20.72	22.07	.1553	890.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8565	5.253	-.1231	2.826	14.56	686.7	1630.
SDev	.0314	.686	.3742	.237	4.65	3.0	4.
%RSD	3.661	13.06	304.1	8.402	31.93	.4307	.2389
#1	.8343	4.768	.1415	2.658	11.27	688.8	1627.
#2	.8786	5.738	-.3877	2.994	17.85	684.6	1633.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	285.5	1.188	5106.	2.723	.13645	-1.2141	1.6961

SDev	.3	.678	58.	2.908	.42195	.2365	.2387
%RSD	.0958	57.11	1.137	108.8	309.22	19.476	14.075
#1	285.3	.7081	5147.	.6672	-.16191	-1.3813	1.5273
#2	285.7	1.667	5065.	4.779	.43482	-1.0469	1.8649
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.382	1.015	1.0741	.2747	16.13	-4.1461	.24973
SDev	2.763	.001	2.9977	.7765	.16	3.0645	1.1754
%RSD	37.44	.1094	279.10	282.6	.9906	73.913	470.68
#1	-5.427	1.014	3.1937	-.2743	16.25	-6.3130	1.0809
#2	-9.336	1.016	-1.0456	.8238	16.02	-1.9792	-.58143
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	7.3323	-3.4561	2.2900	1.3996	5.0000
SDev	.8745	.1960	1.8488	.5651	.0000
%RSD	11.926	5.6720	80.736	40.379	.00001
#1	6.7140	-3.5947	.98265	1.7992	5.0000
#2	7.9507	-3.3175	3.5973	.99996	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12041	--	--	--	--	--	--
SDev	13.15191	--	--	--	--	--	--
%RSD	.1092270	--	--	--	--	--	--
#1	12050	--	--	--	--	--	--
#2	12032	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPV9F Operator: MJC
Run Time: 11/21/00 17:02:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2157	68.57	-1.0756	24.17	18.94	.0141	2887.
SDev	.3881	6.34	1.7545	.43	.09	.0242	.

%RSD	179.9	9.247	163.11	1.799	.4891	171.5	.0041
#1	.0588	73.05	.16499	24.48	18.88	-.0030	2887.
#2	-.4902	64.08	-2.3163	23.87	19.01	.0312	2887.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9243	2.741	.8716	2.889	1527.	588.5	3346.
SDev	.1899	.147	.9085	.128	8.	18.7	11.
%RSD	20.55	5.349	104.2	4.442	.5305	3.179	.3302
#1	1.059	2.845	1.514	2.798	1533.	601.7	3354.
#2	.7900	2.637	.2291	2.980	1522.	575.3	3338.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	122.0	.7286	5171.	2.736	-4.9795	-1.8805	1.7730
SDev	.2	1.350	64.	.956	.4434	.0532	1.4071
%RSD	.1717	185.3	1.242	34.95	8.9043	2.8298	79.366
#1	121.8	1.683	5216.	3.412	-4.6660	-1.8429	2.7680
#2	122.1	-.2262	5126.	2.060	-5.2931	-1.9181	.77798
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.272	.8493	-.91955	.3715	13.11	-3.7806	-.93182
SDev	.242	.7233	1.39013	.4538	.20	2.7126	1.43406
%RSD	5.663	85.17	151.18	122.1	1.558	71.750	153.90
#1	-4.444	.3378	.06342	.6924	13.26	-5.6988	.08221
#2	-4.101	1.361	-1.9025	.0507	12.97	-1.8625	-1.9459
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	1.6554	-8.2921	-1.2290	3.2717	5.0000
SDev	1.8622	1.5945	.4728	1.8736	.0000
%RSD	112.49	19.229	38.467	57.267	.00001
#1	.33864	-7.1646	-.89472	4.5966	5.0000
#2	2.9722	-9.4195	-1.5633	1.9469	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12005	--	--	--	--	--	--
SDev	31.96067	--	--	--	--	--	--
%RSD	.2662236	--	--	--	--	--	--
#1	12028	--	--	--	--	--	--
#2	11983	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPWAF Operator: MJC
Run Time: 11/21/00 17:07:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5093	42.84	10.808	17.25	40.47	-.0293	11740.
SDev	.5505	.43	2.272	.01	.01	.0454	9.
%RSD	108.1	1.001	21.019	.0581	.0345	154.7	.0736
#1	-.1201	42.53	9.2017	17.25	40.46	-.0614	11730.
#2	-.8986	43.14	12.414	17.26	40.48	.0028	11740.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7419	.8079	.1334	1.052	49270.	2020.	7001.
SDev	.0997	.0001	.1089	.440	33.	11.	19.
%RSD	13.44	.0148	81.66	41.85	.0669	.5406	.2692
#1	.6714	.8078	.0564	.7405	49290.	2012.	6987.
#2	.8124	.8079	.2104	1.363	49240.	2028.	7014.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	155.6	.4977	45930.	-1.217	-1.4633	-2.7503	2.9676
SDev	.0	.3412	125.	.542	2.0551	.4354	.1044
%RSD	.0097	68.56	.2726	44.57	140.45	15.831	3.5187
#1	155.6	.7390	45840.	-.8336	-.01008	-2.4424	3.0414
#2	155.6	.2564	46010.	-1.601	-2.9165	-3.0581	2.8938
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.

Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.065	.3410	1.6929	.0291	2.689	-3.9528	-2.1499
SDev	4.656	.0001	2.7726	.4576	.634	1.1114	.0979
%RSD	91.92	.0345	163.78	1571.	23.59	28.117	4.5530
#1	-8.357	.3409	3.6534	-.2945	2.240	-3.1669	-2.0807
#2	-1.773	.3410	-.26760	.3527	3.137	-4.7387	-2.2191
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-.07059	-2.1586	3.0233	2.9398	5.0000
SDev	.96469	3.5628	1.3987	.5417	.0000
%RSD	1366.5	165.05	46.263	18.427	.00000
#1	-.75273	.36070	4.0123	2.5567	5.0000
#2	.61154	-4.6778	2.0343	3.3229	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11918	--	--	--	--	--	--
SDev	4.101081	--	--	--	--	--	--
%RSD	.0344100	--	--	--	--	--	--
#1	11921	--	--	--	--	--	--
#2	11915	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPWDF Operator: MJC
Run Time: 11/21/00 17:13:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4081	20.69	37.277	19.55	47.64	-.0325	10530.
SDev	.3887	2.86	.285	.81	.02	.0002	14.
%RSD	95.24	13.84	.76536	4.157	.0473	.6318	.1340
#1	-.6830	18.66	37.076	20.12	47.65	-.0324	10540.
#2	-.1333	22.71	37.479	18.97	47.62	-.0326	10520.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.741	3.175	36.29	1.358	91150.	2593.	11310.
SDev	.040	.760	.07	.009	143.	8.	10.
%RSD	2.324	23.94	.1981	.6706	.1571	.2946	.0879
#1	1.713	2.638	36.34	1.365	91250.	2587.	11310.
#2	1.770	3.713	36.24	1.352	91050.	2598.	11320.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	64.51	-.7702	116300.	4.276	.49187	-2.4857	2.5250
SDev	.17	.6803	198.	.105	.85097	1.0456	1.0787
%RSD	.2565	88.33	.1701	2.451	173.01	42.063	42.720
#1	64.63	-.2892	116100.	4.201	1.0936	-3.2251	1.7622
#2	64.39	-1.251	116400.	4.350	-.10986	-1.7464	3.2877
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.754	.5093	-3.8392	.8330	9.689	-3.9875	-1.7360
SDev	5.095	.7223	.1080	.3235	.422	.8084	1.9712
%RSD	107.2	141.8	2.8138	38.83	4.357	20.273	113.55
#1	-1.151	-.0014	-3.9155	1.062	9.390	-3.4159	-3.1298
#2	-8.357	1.020	-3.7628	.6043	9.987	-4.5591	-.34212
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	.76432	.35585	8.0364	-.22663	5.0000
SDev	2.6463	.04533	1.3705	.93299	.0000
%RSD	346.23	12.738	17.053	411.68	.00000
#1	2.6355	.32380	7.0673	-.88635	5.0000
#2	-1.1069	.38790	9.0054	.43309	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	11981	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0472160	--	--	--	--	--	--
#1	11977	--	--	--	--	--	--
#2	11985	--	--	--	--	--	--

Method: TOTAL Sample Name: CRI CLP Operator: MJC
Run Time: 11/21/00 17:21:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.49	25.70	20.032	14.24	.1798	10.35	5.130
SDev	.06	4.26	1.869	.01	.0422	.04	1.163
%RSD	.3018	16.56	9.3287	.0522	23.49	.4071	22.67
#1	19.54	22.69	18.710	14.24	.1499	10.32	5.952
#2	19.45	28.71	21.353	14.23	.2097	10.38	4.307
Errors	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	20.00		20.000			10.00	
Range	50.00		50.000			50.00	

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.60	102.6	20.36	50.58	28.65	212.1	6.500
SDev	.08	.4	.37	.20	5.65	1.0	3.175
%RSD	.7697	.3443	1.834	.3904	19.72	.4672	48.85
#1	10.54	102.4	20.09	50.44	32.65	211.4	4.255
#2	10.66	102.9	20.62	50.72	24.66	212.8	8.746
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	10.00	100.0	20.00	50.00			
Range	50.00	50.00	50.00	50.00			

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.45	.4886	-83.52	82.96	8.2208	4.0290	131.40
SDev	.05	1.025	31.42	2.04	1.5988	.2875	1.19
%RSD	.1638	209.7	37.62	2.458	19.449	7.1354	.90765
#1	30.42	1.213	-61.31	81.51	7.0902	4.2323	132.24
#2	30.49	-.2360	-105.7	84.40	9.3513	3.8258	130.55
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	30.00			80.00	10.000	6.0000	120.00
Range	50.00			50.00	50.000	50.000	50.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.266	-.0014	18.261	101.4	41.83	4.4729	3.8075
SDev	3.028	.0000	.542	.0	.44	1.0465	.0915
%RSD	133.6	.0000	2.9695	.0300	1.044	23.397	2.4023

#1	-.1250	-.0014	17.877	101.5	41.52	5.2129	3.7428
#2	-4.407	-.0014	18.644	101.4	42.14	3.7329	3.8721
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			20.000	100.0	40.00		
Range			50.000	50.00	50.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	11.362	6.6526	127.14	133.52	5.0000		
SDev	7.262	1.2284	.51	1.53	.0000		
%RSD	63.913	18.464	.40411	1.1470	.00000		
#1	6.2270	7.5212	127.50	134.61	5.0000		
#2	16.497	5.7841	126.78	132.44	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11915	--	--	--	--	--	--
SDev	3.393975	--	--	--	--	--	--
%RSD	.0284839	--	--	--	--	--	--
#1	11913	--	--	--	--	--	--
#2	11918	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSA Operator: MJC
Run Time: 11/21/00 17:30:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3092	484700.	1.3785	17.57	1.916	.0870	476600.
SDev	.2108	79.	5.0008	.61	.094	.0008	21.
%RSD	68.18	.0164	362.78	3.489	4.900	.8984	.0043
#1	-.1601	484600.	-2.1576	18.01	1.982	.0875	476600.
#2	-.4583	484800.	4.9146	17.14	1.849	.0864	476600.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	500000.	.00000		.0000	.0000	500000.
Range	10.00	100000.	10.000		200.0	5.000	100000.
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.068	4.260	-1.856	2.176	202500.	210.7	521000.
SDev	.116	.584	.058	.180	45.	2.0	390.
%RSD	2.842	13.71	3.130	8.253	.0223	.9330	.0749
#1	3.986	4.673	-1.815	2.303	202500.	209.3	521200.
#2	4.150	3.847	-1.897	2.049	202400.	212.1	520700.

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	200000.	.0000	500000.
Range	5.000	50.00	10.00	25.00	40000.	5000.	100000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.733	.5637	-9.106	1.544	-1.9166	-2.5141	5.7823
SDev	.056	2.583	53.339	2.695	10.4010	.7257	3.4571
%RSD	.5798	458.3	585.8	174.6	542.69	28.865	59.788
#1	9.773	2.390	-46.82	-.3622	Q-9.2712	-2.0009	8.2268
#2	9.693	-1.263	28.61	3.450	Q5.4380	Q-3.0272	3.3377

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.594	-6.850	1.9129	-1.727	15.15	-32.335	12.374
SDev	2.524	.793	.8159	.219	.29	.006	1.085
%RSD	158.3	11.58	42.651	12.68	1.941	.01715	8.7699
#1	.1907	-7.411	1.3360	-1.572	14.94	-32.331	13.141
#2	-3.379	-6.289	2.4898	-1.882	15.36	-32.339	11.607

Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-1.8315	-1.9590	18.939	-.78598	5.0000		
SDev	13.4427	8.8824	3.552	3.40994	.0000		
%RSD	733.96	453.41	18.753	433.85	.00000		
#1	-11.337	-8.2398	21.450	1.6252	5.0000		
#2	7.6739	4.3218	16.427	-3.1972	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11024	--	--	--	--	--	--
SDev	13.15191	--	--	--	--	--	--
%RSD	.1193079	--	--	--	--	--	--
#1	11014	--	--	--	--	--	--
#2	11033	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSAB4.0 Operator: MJC
Run Time: 11/21/00 17:35:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	208.1	481800.	100.98	1027.	515.3	507.1	475300.
SDev	.2	47.	1.40	.	.1	.4	420.
%RSD	.1162	.0097	1.3845	.0066	.0206	.0720	.0884
#1	207.9	481700.	101.97	1027.	515.2	507.4	475600.
#2	208.3	481800.	99.995	1027.	515.4	506.9	475000.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	200.0	500000.	100.00		500.0	500.0	500000.
Range	20.50	20.50	20.500		20.50	20.50	20.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	975.4	493.0	483.5	544.5	201500.	11550.	517500.
SDev	1.3	1.4	.5	.4	177.	16.	1253.
%RSD	.1302	.2773	.1043	.0648	.0877	.1405	.2420
#1	976.3	494.0	483.1	544.8	201600.	11540.	518400.
#2	974.5	492.0	483.8	544.3	201400.	11570.	516600.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	466.4	977.6	11150.	965.3	47.455	48.452	651.14
SDev	.1	3.7	126.	1.0	1.938	1.130	.71
%RSD	.0180	.3776	1.126	.1049	4.0838	2.3314	.10970
#1	466.4	980.2	11060.	964.5	46.085	47.653	650.63
#2	466.5	975.0	11240.	966.0	48.826	49.250	651.64
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	50.000	50.000	600.00
Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	990.5	-5.901	98.694	487.9	1054.	15.278	65.013
SDev	6.5	.005	.379	.4	.	1.367	1.011
%RSD	.6594	.0767	.38403	.0919	.0286	8.9492	1.5550
#1	995.1	-5.905	98.962	488.2	1054.	14.311	64.299
#2	985.8	-5.898	98.426	487.6	1054.	16.245	65.728
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			100.00	500.0	1000.		
Range			20.500	20.50	20.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	52.513	44.931	645.30	654.05	5.0000
SDev	6.035	5.918	3.28	2.71	.0000
%RSD	11.492	13.172	.50850	.41421	.00000
#1	56.780	40.746	647.62	652.14	5.0000
#2	48.246	49.116	642.98	655.97	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11066	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0766789	--	--	--	--	--	--
#1	11060	--	--	--	--	--	--
#2	11072	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 17:41:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1008.	25660.	515.12	5104.	2016.	2069.	52310.
SDev	1.	86.	5.47	15.	3.	8.	99.
%RSD	.1056	.3359	1.0612	.2917	.1580	.3782	.1884
#1	1007.	25720.	518.98	5094.	2013.	2063.	52240.
#2	1009.	25600.	511.25	5115.	2018.	2074.	52380.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	517.7	2031.	2033.	1998.	26240.	52120.	51330.
SDev	1.5	6.	6.	1.	48.	346.	16.
%RSD	.2809	.2746	.2816	.0512	.1814	.6636	.0313
#1	516.7	2027.	2028.	1998.	26210.	52370.	51320.
#2	518.7	2035.	2037.	1999.	26270.	51880.	51340.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2012.	1996.	49080.	2046.	505.35	511.11	517.74

SDev	7.	8.	369.	5.	1.77	1.60	.94
%RSD	.3490	.4238	.7514	.2599	.35072	.31221	.18197
#1	2007.	1990.	49340.	2042.	504.10	509.98	517.07
#2	2017.	2002.	48820.	2050.	506.61	512.23	518.40
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4965.	5085.	1024.2	2015.	2057.	512.80	510.26
SDev	21.	11.	.7	6.	6.	1.16	1.81
%RSD	.4139	.2084	.06456	.2955	.2802	.22678	.35507
#1	4951.	5077.	1023.7	2011.	2053.	511.98	508.98
#2	4980.	5092.	1024.6	2019.	2061.	513.62	511.54
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	502.95	506.55	525.33	513.95	5.0000		
SDev	1.14	2.09	1.58	2.20	.0000		
%RSD	.22756	.41177	.30021	.42802	.00000		
#1	502.14	505.08	526.44	512.39	5.0000		
#2	503.76	508.02	524.21	515.50	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11733	--	--	--	--	--	--
SDev	27.29474	--	--	--	--	--	--
%RSD	.2326302	--	--	--	--	--	--
#1	11752	--	--	--	--	--	--
#2	11714	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 17:47:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2627	71.54	1.1005	3.957	.4170	.4303	58.89
SDev	.0881	23.23	1.9159	1.614	.2111	.2039	27.49

%RSD	33.55	32.46	174.10	40.78	50.63	47.39	46.68
#1	-.2004	87.97	2.4553	5.098	.5663	.5745	78.33
#2	-.3250	55.12	-.25426	2.816	.2677	.2861	39.45
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3091	.0000	.8026	.3608	21.20	217.1	48.91
SDev	.0297	.3801	.2726	.1630	14.07	12.0	16.96
%RSD	9.614	4467000.	33.96	45.17	66.36	5.546	34.67
#1	.3301	.2687	.9953	.4761	31.15	225.6	60.90
#2	.2881	-.2687	.6099	.2456	11.25	208.6	36.92
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2887	.9617	-91.61	-2.598	-1.8142	-1.2641	1.8867
SDev	.1755	.3423	62.32	.757	1.6429	.5008	.9232
%RSD	60.79	35.59	68.02	29.13	90.559	39.618	48.931
#1	.4128	1.204	-135.7	-2.063	-2.9758	-1.6182	2.5395
#2	.1646	.7197	-47.55	-3.134	-.65246	-.90995	1.2339
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.474	1.533	-1.2078	.5981	.5059	-.87617	-1.4577
SDev	3.235	.243	.9735	.1940	.2443	1.22451	1.3622
%RSD	219.4	15.83	80.601	32.43	48.29	139.76	93.444
#1	-.8131	1.705	-.51944	.4809	.6786	-.01031	-2.4209
#2	3.761	1.361	-1.8962	.7352	.3331	-1.7420	-.49453
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-3.2545	-1.0950	1.9670	1.8466	5.0000		
SDev	2.5087	3.7156	3.2397	.2334	.0000		
%RSD	77.084	339.31	164.71	12.637	.00001		
#1	-1.4806	-3.7223	4.2578	1.6816	5.0000		
#2	-5.0285	1.5323	-.32386	2.0116	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11968	--	--	--	--	--	--
SDev	12.44480	--	--	--	--	--	--
%RSD	.1039805	--	--	--	--	--	--
#1	11960	--	--	--	--	--	--
#2	11977	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPWGF Operator: MJC
Run Time: 11/21/00 17:52:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1586	93.40	8.3002	24.72	58.05	.3359	17690.
SDev	.3712	20.98	1.7422	.44	.15	.1556	7.
%RSD	234.0	22.47	20.990	1.779	.2527	46.33	.0405
#1	.4211	108.2	7.0682	25.03	58.15	.4459	17700.
#2	-.1038	78.56	9.5321	24.41	57.95	.2258	17690.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.641	2.642	-.3074	1.764	71970.	2051.	11130.
SDev	.071	.453	.0032	.123	75.	12.	.
%RSD	4.350	17.14	1.035	6.984	.1043	.5747	.0006
#1	1.591	2.962	-.3097	1.677	71920.	2043.	11130.
#2	1.692	2.322	-.3052	1.852	72030.	2060.	11130.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	225.7	.4809	74930.	-.4568	-1.1411	-2.8910	3.0464
SDev	.0	.0032	384.	1.6192	2.4740	1.5624	1.2666
%RSD	.0196	.6679	.5124	354.4	216.81	54.043	41.575
#1	225.7	.4786	74660.	.6881	-2.8905	-3.9957	2.1509
#2	225.7	.4832	75210.	-1.602	.60830	-1.7862	3.9420
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.

Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.283	1.708	-.72440	.5716	44.08	-5.5425	-1.5672
SDev	1.178	.004	1.50164	.1350	.43	1.3649	3.0238
%RSD	51.52	.2558	207.29	23.62	.9710	24.626	192.94
#1	-3.115	1.703	-1.7862	.4761	43.78	-4.5774	-3.7054
#2	-1.451	1.709	.33742	.6670	44.38	-6.5076	.57091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	3.9728	-3.6942	8.0423	.55226	5.0000
SDev	1.6623	2.8793	.4486	2.1228	.0000
%RSD	41.842	77.941	5.5776	384.39	.00001
#1	2.7974	-5.7302	8.3595	-.94881	5.0000
#2	5.1482	-1.6582	7.7251	2.0533	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11950	--	--	--	--	--	--
SDev	30.54646	--	--	--	--	--	--
%RSD	.2556146	--	--	--	--	--	--
#1	11972	--	--	--	--	--	--
#2	11929	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPWHF Operator: MJC
Run Time: 11/21/00 17:58:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0941	44.37	72.843	24.15	115.4	.1403	17880.
SDev	.6868	6.25	2.511	.08	.1	.0209	37.
%RSD	729.7	14.08	3.4468	.3247	.1092	14.88	.2058
#1	-.5798	48.79	74.618	24.09	115.5	.1550	17850.
#2	.3915	39.95	71.068	24.21	115.3	.1255	17910.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	pob	ppb	ppb	ppb	ppb	ppb
Avge	3.920	6.445	8.873	2.167	205400.	2869.	17340.
SDev	.017	.696	.130	.260	243.	8.	27.
%RSD	.4352	10.79	1.467	11.99	.1182	.2715	.1543
#1	3.932	5.954	8.781	1.983	205300.	2874.	17320.
#2	3.908	6.937	8.965	2.351	205600.	2863.	17360.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	254.7	-1.303	95510.	.9817	5.0678	-4.1084	5.6949
SDev	.2	1.018	399.	.0076	.7752	.5028	.9122
%RSD	.0820	78.12	.4181	.7774	15.296	12.238	16.018
#1	254.5	-.5833	95790.	.9763	5.6160	-4.4639	5.0499
#2	254.8	-2.023	95230.	.9871	4.5197	-3.7528	6.3399
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.276	-.0014	-1.8418	2.132	.8706	-2.9233	-4.7000
SDev	.684	.0000	2.3771	.268	.2153	2.9265	2.2149
%RSD	15.99	.0000	129.06	12.57	24.73	100.11	47.125
#1	-3.793	-.0014	-.16093	1.942	1.023	-.85389	-6.2662
#2	-4.760	-.0014	-3.5226	2.321	.7184	-4.9926	-3.1339
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	7.8027	3.7024	16.299	.40086	5.0000
SDev	2.2034	2.2623	.474	1.1310	.0000
%RSD	28.239	61.102	2.9082	282.15	.00000
#1	6.2447	5.3021	15.964	-.39889	5.0000
#2	9.3608	2.1028	16.634	1.2006	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12013	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.2177832	--	--	--	--	--	--
#1	12032	--	--	--	--	--	--
#2	11995	--	--	--	--	--	--

Analysis Report 11/21/00 06:10:55 PM page 1

Method: TOTAL Sample Name: DPPWJF Operator: MJC
Run Time: 11/21/00 18:05:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0525	20.23	7.7265	17.24	52.18	-.0053	5153.
SDev	.9810	6.04	2.9207	.57	.04	.0456	9.
%RSD	1869.	29.85	37.801	3.324	.0828	864.7	.1806
#1	.6412	24.50	9.7917	17.65	52.15	.0270	5160.
#2	-.7462	15.96	5.6613	16.84	52.21	-.0375	5147.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.822	.5415	.9253	1.755	105500.	1251.	5272.
SDev	.149	.8303	1.395	.245	49.	23.	7.
%RSD	8.188	153.3	150.8	13.97	.0469	1.833	.1375
#1	1.928	1.129	1.912	1.928	105600.	1267.	5277.
#2	1.717	-.0456	-.0613	1.582	105500.	1234.	5267.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	220.1	-.6227	20910.	-1.310	.42145	-3.2833	2.6258
SDev	.2	.0003	231.	.002	2.4545	.4189	1.9805
%RSD	.0964	.0406	1.103	.1452	582.40	12.759	75.422
#1	220.3	-.6229	21070.	-1.309	-1.3141	-3.5795	1.2254
#2	220.0	-.6226	20750.	-1.311	2.1570	-2.9871	4.0262
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.408	-.0014	1.4264	-.1687	1.579	-3.4032	-3.2234
SDev	.462	.0000	2.4652	.0031	.021	5.7764	3.5119
%RSD	7.216	.0000	172.83	1.845	1.340	169.73	108.95
#1	-6.081	-.0014	3.1695	-.1665	1.564	.68127	-5.7067
#2	-6.735	-.0014	-.31676	-.1709	1.594	-7.4877	-.74009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	4.6818	-1.7056	6.0281	.92727	5.0000
SDev	4.0673	5.7105	1.8260	3.8809	.0000
%RSD	86.875	334.82	30.292	418.53	.00000
#1	7.5579	-5.7435	7.3193	-1.8169	5.0000
#2	1.8058	2.3324	4.7369	3.6715	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12078	--	--	--	--	--	--
SDev	18.95032	--	--	--	--	--	--
%RSD	.1569047	--	--	--	--	--	--
#1	12064	--	--	--	--	--	--
#2	12091	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPWLF Operator: MJC
Run Time: 11/21/00 18:11:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4495	163.8	.84040	24.00	45.60	.1533	2856.
SDev	.4210	2.4	.32382	.01	.07	.0002	2.
%RSD	93.66	1.483	38.532	.0526	.1481	.1397	.0830
#1	-.1518	162.1	.61142	23.99	45.65	.1532	2857.
#2	-.7472	165.5	1.0694	24.01	45.55	.1535	2854.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5205	9.362	.9405	3.646	5255.	1010.	4895.
SDev	.1140	.003	.4830	.150	21.	12.	10.
%RSD	21.90	.0309	51.36	4.111	.4075	1.234	.2108
#1	.6011	9.360	.5989	3.540	5270.	1002.	4902.
#2	.4399	9.364	1.282	3.752	5240.	1019.	4888.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.7	.5204	6392.	2.712	-.62419	-1.5737	4.1144

SDev	.5	1.687	100.	.538	1.28456	.3873	1.9003
%RSD	.2162	324.1	1.565	19.85	205.79	24.608	46.186
#1	215.1	-.6722	6321.	2.332	.28413	-1.2999	2.7707
#2	214.4	1.713	6463.	3.093	-1.5325	-1.8475	5.4581
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.967	-.0014	-3.2062	.8625	16.68	-6.6380	.95467
SDev	.232	.0000	1.8039	.2615	.03	1.4190	.12784
%RSD	5.836	.0000	56.262	30.32	.2050	21.377	13.391
#1	-4.131	-.0014	-1.9307	.6776	16.70	-5.6346	.86427
#2	-3.803	-.0014	-4.4818	1.047	16.66	-7.6414	1.0451
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	2.5970	-2.2324	1.2255	5.5567	5.0000
SDev	2.4987	3.1734	1.8474	1.9266	.0000
%RSD	96.216	142.15	150.75	34.673	.00000
#1	.83012	.01154	-.08084	4.1943	5.0000
#2	4.3638	-4.4763	2.5318	6.9190	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12063	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0351719	--	--	--	--	--	--
#1	12066	--	--	--	--	--	--
#2	12060	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPW1F Operator: MJC
Run Time: 11/21/00 18:16:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0481	177.5	.61530	16.37	37.17	1.688	1515.
SDev	.0350	4.3	4.1802	.83	.03	.019	2.

%RSD	72.68	2.419	679.38	5.100	.0768	1.122	.1534
#1	.0728	174.5	3.5711	15.78	37.19	1.702	1513.
#2	.0234	180.5	-2.3406	16.96	37.15	1.675	1517.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4725	12.36	5.183	19.41	32.97	306.4	722.9
SDev	.0610	.32	.171	.34	2.76	13.9	1.1
%RSD	12.91	2.588	3.297	1.759	8.364	4.522	.1506
#1	.5156	12.13	5.062	19.17	34.92	296.6	722.1
#2	.4293	12.59	5.304	19.65	31.02	316.1	723.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.355	.2299	3096.	21.24	-3.8926	-1.6427	.19176
SDev	.031	.6728	214.	.72	1.3622	.1899	2.1759
%RSD	.4174	292.7	6.897	3.373	34.994	11.560	1134.7
#1	7.334	.7057	2945.	21.75	-4.8558	-1.5084	-1.3468
#2	7.377	-.2459	3247.	20.73	-2.9294	-1.7770	1.7303
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.103	1.014	2.1490	.5910	20.72	-2.4702	-1.2296
SDev	.455	.002	1.7685	.1934	.70	2.5208	.9738
%RSD	8.924	.1480	82.295	32.72	3.400	102.05	79.199
#1	-4.781	1.013	3.3996	.7278	21.22	-.68773	-1.9181
#2	-5.425	1.015	.89847	.4543	20.23	-4.2526	-.54098
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	5.3617	-8.5129	-.67752	.62575	5.0000
SDev	8.3129	6.1924	2.28514	2.1213	.0000
%RSD	155.04	72.742	337.28	339.01	.00000
#1	11.240	-12.892	-2.2934	-.87426	5.0000
#2	-.51635	-4.1341	.93831	2.1258	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12054	--	--	--	--	--	--
SDev	17.81923	--	--	--	--	--	--
%RSD	.1478234	--	--	--	--	--	--
#1	12067	--	--	--	--	--	--
#2	12042	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPW7F Operator: MJC
Run Time: 11/21/00 18:22:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5360	126.7	1.0462	390.0	12.11	1.232	1259.
SDev	.3665	.3	.9042	1.0	.10	.009	5.
%RSD	68.38	.2713	86.427	.2587	.8650	.7524	.3577
#1	-.7951	126.5	.40683	389.3	12.18	1.225	1256.
#2	-.2768	127.0	1.6856	390.8	12.03	1.238	1262.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2761	10.34	.6354	2.372	14.59	444.2	419.2
SDev	.1957	.35	.3644	.249	8.38	2.5	1.7
%RSD	70.89	3.400	57.35	10.49	57.46	.5583	.4062
#1	.1377	10.09	.8930	2.196	8.660	442.5	418.0
#2	.4145	10.59	.3777	2.548	20.51	446.0	420.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.90	-.0044	6967.	13.82	-3.4416	-1.3720	1.9078
SDev	.11	1.0198	35.	2.13	.1710	.9747	.5766
%RSD	.6383	22950.	.5062	15.38	4.9696	71.045	30.223
#1	16.83	-.7255	6942.	12.32	-3.5625	-.68276	1.5001
#2	16.98	.7166	6992.	15.33	-3.3206	-2.0613	2.3155
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.

Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.777	-.0014	.14825	-.0906	18.03	-3.2134	-.45270
SDev	1.364	.0000	5.3037	.9061	.20	1.0935	.91543
%RSD	28.55	.0000	3577.5	1000.	1.114	34.031	202.22
#1	-3.813	-.0014	-3.6020	-.7313	18.17	-2.4401	.19461
#2	-5.741	-.0014	3.8986	.5501	17.89	-3.9866	-1.1000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-.69695	-4.8118	4.2259	.75050	5.0000
SDev	.69597	.0910	1.8703	.06927	.0000
%RSD	99.860	1.8920	44.258	9.2299	.00001
#1	-1.1891	-4.7474	2.9034	.79948	5.0000
#2	-.20482	-4.8762	5.5484	.70152	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12041	--	--	--	--	--	--
SDev	61.94297	--	--	--	--	--	--
%RSD	.5144423	--	--	--	--	--	--
#1	12085	--	--	--	--	--	--
#2	11997	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPXEF Operator: MJC
Run Time: 11/21/00 18:27:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0394	61.90	.70843	20.81	7.589	.5322	774.3
SDev	.3330	1.85	1.0343	.34	.018	.0027	.4
%RSD	844.5	2.995	146.00	1.629	.2324	.5104	.0454
#1	.1960	63.21	1.4398	20.57	7.577	.5303	774.5
#2	-.2749	60.58	-.02294	21.05	7.602	.5342	774.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4740	21.10	.5555	12.51	20.47	445.3	245.6
SDev	.1520	.41	.2728	.36	.02	8.3	1.1
%RSD	32.06	1.926	49.11	2.858	.1164	1.862	.4556
#1	.5815	21.39	.3626	12.76	20.45	451.2	244.9
#2	.3666	20.82	.7484	12.25	20.49	439.5	246.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.636	.7050	3274.	44.63	-1.6341	-2.1779	1.1529
SDev	.042	.0044	114.	1.18	.4144	.4922	.9132
%RSD	.4376	.6210	3.493	2.640	25.360	22.601	79.205
#1	9.606	.7019	3355.	45.47	-1.9272	-1.8298	.50721
#2	9.666	.7081	3194.	43.80	-1.3411	-2.5259	1.7987
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.648	1.013	.80563	-.0928	47.63	-2.1167	-2.2084
SDev	2.977	.002	2.0229	.5153	.08	2.1921	.3565
%RSD	81.60	.2300	251.10	555.4	.1608	103.56	16.140
#1	-1.543	1.011	2.2360	.2716	47.58	-.56665	-2.4605
#2	-5.753	1.014	-.62480	-.4571	47.69	-3.6667	-1.9564
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	6.2813	-5.5859	2.9225	.26950	5.0000
SDev	4.5109	2.8734	.9120	1.8244	.0000
%RSD	71.814	51.439	31.207	676.97	.00001
#1	9.4710	-7.6177	3.5673	-1.0206	5.0000
#2	3.0916	-3.5541	2.2776	1.5596	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12070	--	--	--	--	--	--
SDev	27.71872	--	--	--	--	--	--
%RSD	.2296497	--	--	--	--	--	--
#1	12090	--	--	--	--	--	--
#2	12050	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPXQF Operator: MJC
Run Time: 11/21/00 18:33:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1335	64.13	1.1312	19.36	13.81	.0115	4139.
SDev	.0876	4.35	.4943	.24	.07	.0228	2.
%RSD	65.62	6.787	43.700	1.243	.5289	198.8	.0595
#1	.1955	67.20	1.4807	19.53	13.86	-.0047	4140.
#2	.0716	61.05	.78164	19.19	13.76	.0276	4137.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4059	1.717	1.316	4.016	52.71	651.9	924.5
SDev	.0728	.226	.695	.340	2.76	8.7	2.8
%RSD	17.94	13.18	52.80	8.463	5.236	1.329	.3041
#1	.4574	1.877	1.807	4.257	54.66	658.0	922.6
#2	.3544	1.557	.8246	3.776	50.76	645.7	926.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.74	-.4854	4681.	1.501	-2.7565	-2.0299	1.2267
SDev	.03	.3370	74.	.104	5.5600	.7625	.1077
%RSD	.1808	69.43	1.588	6.947	201.70	37.564	8.7816
#1	18.72	-.2471	4733.	1.575	1.1750	-2.5691	1.3028
#2	18.77	-.7236	4628.	1.428	-6.6881	-1.4907	1.1505
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.078	2.199	-.03835	.9546	12.30	-4.0810	-1.0059
SDev	2.763	.716	3.27140	.0649	.03	3.6529	.6805
%RSD	45.46	32.58	8529.7	6.803	.2426	89.511	67.654

#1	-8.032	2.705	-2.3516	.9087	12.33	-6.8640	-.52469
#2	-4.124	1.692	2.2749	1.000	12.28	-1.4980	-1.4871
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	3.1185	-5.6897	2.5864	.54779	5.0000		
SDev	8.2281	4.2279	2.2975	1.3088	.0000		
%RSD	263.85	74.309	88.830	238.88	.00000		
#1	8.9366	-2.7001	.96184	1.4731	5.0000		
#2	-2.6996	-8.6793	4.2110	-.37749	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12054	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0762620	--	--	--	--	--	--
#1	12060	--	--	--	--	--	--
#2	12047	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPXXF Operator: MJC
Run Time: 11/21/00 18:38:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1892	45.78	3.1814	48.62	11.15	-.0159	46740.
SDev	.2310	.28	.0998	.65	.11	.0011	195.
%RSD	122.1	.6119	3.1375	1.346	.9580	7.014	.4163
#1	-.3526	45.98	3.1108	49.08	11.23	-.0151	46870.
#2	-.0259	45.58	3.2519	48.15	11.08	-.0167	46600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	800000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2347	.3203	4.784	1.076	12.15	1325.	5131.
SDev	.0453	.5366	.284	.183	.94	1.	30.
%RSD	19.31	167.5	5.930	16.98	7.706	.0648	.5808
#1	.2668	-.0591	4.984	1.206	12.81	1325.	5152.
#2	.2027	.6998	4.583	.9472	11.49	1326.	5110.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.964	2.176	5096.	-.8334	1.4822	-1.9323	1.6358
SDev	.169	.007	31.	.2205	.3777	.9392	3.3487
%RSD	2.827	.3079	.6167	26.45	25.480	48.604	204.71
#1	6.084	2.181	5118.	-.6775	1.7493	-2.5964	4.0037
#2	5.845	2.172	5074.	-.9893	1.2152	-1.2682	-.73203

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.911	-.1723	-2.2749	91.25	7.472	-6.2605	.22853
SDev	3.964	.2417	3.2595	.44	.223	3.8406	.50937
%RSD	101.4	140.3	143.28	.4845	2.987	61.347	222.89
#1	-1.108	-.0014	.02993	91.56	7.630	-8.9762	.58871
#2	-6.714	-.3432	-4.5796	90.93	7.315	-3.5448	-.13165

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	8.2670	-1.9052	-.10136	2.5031	5.0000		
SDev	.4180	.3573	1.38917	4.3269	.0000		
%RSD	5.0559	18.755	1370.5	172.86	.00000		
#1	8.5626	-1.6526	.88093	5.5627	5.0000		
#2	7.9715	-2.1579	-1.0837	-.55649	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11922	--	--	--	--	--	--
SDev	23.61764	--	--	--	--	--	--
%RSD	.1981063	--	--	--	--	--	--
#1	11905	--	--	--	--	--	--
#2	11938	--	--	--	--	--	--

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Method: TOTAL Sample Name: PBW2 SDG#OK11119 Operator: MJC
Run Time: 11/21/00 18:50:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2492	30.47	1.5741	-1.007	.8280	.4079	137.5
SDev	.1405	1.88	1.1343	.525	.0415	.0452	1.2
%RSD	56.37	6.165	72.059	52.14	5.015	11.08	.8758
#1	-.1498	29.14	2.3762	-1.378	.7987	.4398	138.3
#2	-.3485	31.80	.77205	-.6358	.8574	.3759	136.6
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4416	.5934	1.584	1.607	50.77	262.5	15.13
SDev	.1987	.1513	.106	.078	7.44	7.5	5.23
%RSD	44.98	25.49	6.701	4.861	14.65	2.861	34.60
#1	.5821	.7003	1.509	1.662	45.51	267.8	11.43
#2	.3012	.4864	1.659	1.552	56.02	257.2	18.83
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.815	1.665	-143.7	.2889	-2.5374	-1.6006	3.3604
SDev	.018	1.352	31.1	.5383	.3350	.2690	.9891
%RSD	1.017	81.20	21.62	186.3	13.203	16.804	29.434
#1	1.802	2.621	-121.7	.6695	-2.3005	-1.7908	2.6610
#2	1.828	.7089	-165.7	-.0917	-2.7743	-1.4104	4.0598
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000
Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.332	.8457	-.52780	.5479	9.384	-5.9649	.57828
SDev	2.992	.7190	.93901	.1266	.579	3.9968	2.3987
%RSD	128.3	85.02	177.91	23.10	6.165	67.006	414.79
#1	-4.448	1.354	-1.1918	.4584	9.793	-3.1387	-1.1178
#2	-.2169	.3373	.13618	.6374	8.975	-8.7911	2.2744
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	7.5528	-7.5749	1.3094	4.3844	5.0000
SDev	2.2960	.6440	3.2298	3.0954	.0000
%RSD	30.399	8.5019	246.67	70.601	.00001
#1	9.1783	-8.0303	3.5932	2.1956	5.0000
#2	5.9293	-7.1195	-.97444	6.5732	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12044	--	--	--	--	--	--
SDev	4.384200	--	--	--	--	--	--
%RSD	.0364000	--	--	--	--	--	--
#1	12041	--	--	--	--	--	--
#2	12048	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 18:56:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1012.	25770.	516.42	5119.	2024.	2063.	52000.
SDev	.	27.	.89	10.	2.	2.	80.
%RSD	.0328	.1067	.17262	.2043	.0992	.1072	.1535
#1	1011.	25750.	515.79	5111.	2022.	2064.	52050.
#2	1012.	25790.	517.05	5126.	2025.	2061.	51940.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	514.6	2026.	2026.	2017.	26170.	52780.	50780.
SDev	.0	2.	4.	2.	36.	128.	34.
%RSD	.0050	.0836	.1843	.1044	.1357	.2430	.0678
#1	514.6	2027.	2028.	2015.	26200.	52680.	50800.
#2	514.6	2025.	2023.	2018.	26150.	52870.	50760.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2002.	1997.	49400.	2036.	506.50	507.27	513.99

SDev	.	2.	245.	5.	3.96	1.49	.37
%RSD	.0015	.1083	.4965	.2391	.78152	.29317	.07240
#1	2002.	1996.	49220.	2039.	509.30	508.32	513.73
#2	2002.	1999.	49570.	2032.	503.70	506.22	514.25
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4952.	5089.	1012.0	2014.	2056.	508.44	506.68
SDev	7.	1.	.2	.	.	2.72	.87
%RSD	.1493	.0161	.02167	.0042	.0061	.53524	.17189
#1	4957.	5089.	1012.1	2014.	2056.	510.37	507.30
#2	4947.	5088.	1011.8	2014.	2056.	506.52	506.07
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	511.12	504.20	519.90	511.04	5.0000
SDev	3.52	4.18	1.63	1.37	.0000
%RSD	.68773	.82898	.31257	.26792	.00000
#1	513.60	507.15	521.04	510.07	5.0000
#2	508.63	501.24	518.75	512.01	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11737	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.3253392	--	--	--	--	--	--
#1	11710	--	--	--	--	--	--
#2	11764	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 19:01:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1880	34.80	.93620	4.060	.4202	.4371	22.30
SDev	.3375	1.16	.91062	1.132	.0443	.0721	2.60

%RSD	179.5	3.332	97.269	27.88	10.55	16.48	11.65
#1	.0507	35.62	.29229	4.861	.4516	.4880	24.14
#2	-.4267	33.98	1.5801	3.260	.3889	.3861	20.46
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1720	-.0044	-.0276	.2756	10.56	214.2	15.12
SDev	.0301	.6873	.0483	.0702	10.38	2.9	.42
%RSD	17.52	15490.	175.5	25.46	98.32	1.347	2.787
#1	.1507	.4816	-.0617	.3253	3.218	216.3	14.82
#2	.1933	-.4905	.0066	.2260	17.90	212.2	15.42
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2789	2.185	-157.1	-1.061	-1.8215	.12370	1.2066
SDev	.0024	.013	115.6	.321	.0315	1.6153	2.4987
%RSD	.8700	.5833	73.57	30.25	1.7301	1305.8	207.07
#1	.2806	2.194	-75.37	-1.288	-1.8437	1.2658	-.56017
#2	.2772	2.176	-238.8	-.8339	-1.7992	-1.0185	2.9735
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4392	.8578	.53282	.3737	.3042	-.24045	.30550
SDev	.4966	.7312	2.6811	.2592	.1327	4.36367	.24310
%RSD	113.1	85.24	503.20	69.36	43.62	1814.8	79.573
#1	-.0880	1.375	2.4287	.1904	.3980	2.8451	.47739
#2	-.7903	.3408	-1.3630	.5570	.2104	-3.3260	.13360
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	1.8319	-3.6454	-.30706	1.9624	5.0000
SDev	.1789	.1365	.92813	4.2095	.0000
%RSD	9.7640	3.7457	302.26	214.51	.00001
#1	1.9584	-3.7420	.34923	-1.0142	5.0000
#2	1.7054	-3.5489	-.96334	4.9389	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11892	--	--	--	--	--	--
SDev	45.11396	--	--	--	--	--	--
%RSD	.3793736	--	--	--	--	--	--
#1	11860	--	--	--	--	--	--
#2	11924	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSW2 Operator: MJC
Run Time: 11/21/00 19:07:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.15	2227.	2189.2	1096.	2108.	54.72	54260.
SDev	.00	13.	10.6	5.	8.	.21	243.
%RSD	.0019	.6000	.48308	.4836	.3664	.3769	.4486
#1	58.15	2237.	2196.7	1100.	2114.	54.87	54430.
#2	58.15	2218.	2181.7	1093.	2103.	54.57	54080.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.25	2410.	2410.0	1205.	2410.	60.25	60250.
Low	39.75	1590.	1590.0	795.0	1590.	39.75	39750.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.83	526.1	216.3	266.3	1195.	54330.	52160.
SDev	.14	1.5	.7	2.2	19.	197.	237.
%RSD	.2621	.2941	.3077	.8374	1.550	.3634	.4535
#1	54.93	527.2	216.7	267.9	H1208.	54470.	52330.
#2	54.73	525.0	215.8	264.7	1182.	54190.	51990.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.25	602.5	241.0	301.3	1205.	60250.	60250.
Low	39.75	397.5	159.0	198.8	795.0	39750.	39750.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	538.3	1078.	53220.	535.4	2268.3	541.32	574.86
SDev	2.6	2.	27.	2.1	4.1	1.40	2.16
%RSD	.4908	.2023	.0503	.3959	.17936	.25853	.37613
#1	540.2	1080.	53240.	536.9	2265.4	542.31	576.39
#2	536.5	1076.	53200.	533.9	2271.2	540.33	573.33
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	602.5	1205.	60250.	602.5	2410.0	602.50	602.50

Low	397.5	795.0	39750.	397.5	1590.0	397.50	397.50
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2134.	1126.	2263.5	536.1	562.4	541.98	540.99
SDev	5.	6.	.2	2.4	2.3	.93	1.64
%RSD	.2386	.5187	.01024	.4537	.4107	.17072	.30244
#1	2137.	1130.	2263.4	537.8	564.0	542.63	542.14
#2	2130.	1122.	2263.7	534.3	560.7	541.32	539.83
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2410.	1205.	2410.0	602.5	602.5		
Low	1590.	795.0	1590.0	397.5	397.5		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	2259.2	2272.9	571.61	576.48	5.0000		
SDev	1.5	5.4	4.19	1.15	.0000		
%RSD	.06566	.23578	.73315	.19940	.00000		
#1	2258.1	2269.1	574.57	577.30	5.0000		
#2	2260.2	2276.7	568.64	575.67	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11951	--	--	--	--	--	--
SDev	54.30566	--	--	--	--	--	--
%RSD	.4543875	--	--	--	--	--	--
#1	11913	--	--	--	--	--	--
#2	11990	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPVRFR Operator: MJC
Run Time: 11/21/00 19:12:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5415	168.3	1.0283	24.81	22.46	.0912	2089.
SDev	.1219	2.6	.8166	.61	.13	.0016	2.
%RSD	22.51	1.568	79.410	2.455	.5919	1.768	.1159
#1	-.6277	170.1	.45090	24.38	22.37	.0901	2087.
#2	-.4553	166.4	1.6057	25.24	22.56	.0924	2090.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4272	2.253	1.357	1.255	63.28	897.3	1926.
SDev	.1782	.223	.329	.472	.81	3.5	9.
%RSD	41.72	9.919	24.21	37.59	1.283	.3939	.4607
#1	.3011	2.411	1.125	.9215	63.85	894.8	1933.
#2	.5532	2.095	1.589	1.589	62.71	899.8	1920.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.99	1.663	11950.	2.262	-.47618	-1.3627	3.3060
SDev	.02	1.345	59.	2.676	.09348	.0826	1.3333
%RSD	.0441	80.84	.4978	118.3	19.631	6.0622	40.331
#1	54.98	2.614	11900.	4.154	-.54229	-1.4212	2.3632
#2	55.01	.7126	11990.	.3694	-.41008	-1.3043	4.2488
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.938	4.572	1.0018	.5928	14.23	-4.0301	-.03108
SDev	.223	.709	1.8104	.4524	.08	1.8345	1.03975
%RSD	4.513	15.50	180.72	76.32	.5510	45.522	3345.6
#1	-4.780	5.073	2.2819	.9127	14.29	-2.7328	-.76629
#2	-5.095	4.071	-.27839	.2729	14.18	-5.3273	.70414
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-1.0934	-.16804	.98717	4.4637	5.0000
SDev	2.4059	1.34131	.90441	1.5475	.0000
%RSD	220.04	798.23	91.617	34.668	.00000
#1	.60784	-1.1165	.34765	3.3695	5.0000
#2	-2.7947	.78042	1.6267	5.5579	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wav	371.030	--	--	--	--	--	--

Avge	12044	--	--	--	--	--	--
SDev	26.30451	--	--	--	--	--	--
%RSD	.2184071	--	--	--	--	--	--
#1	12062	--	--	--	--	--	--
#2	12025	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPVRFRL Operator: MJC
Run Time: 11/21/00 19:18:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1016	50.61	3.1013	-.1758	4.531	-.0155	457.6
SDev	.0706	3.30	1.6042	.5690	.056	.0208	1.6
%RSD	69.52	6.528	51.727	323.7	1.246	134.2	.3486
#1	-.0516	52.95	1.9670	.2265	4.570	-.0302	458.7
#2	-.1515	48.27	4.2357	-.5781	4.491	-.0008	456.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2892	.4295	.7281	.2220	20.54	348.6	386.6
SDev	.0649	.2302	.1693	.4173	3.77	9.4	7.6
%RSD	22.44	53.59	23.25	187.9	18.37	2.702	1.960
#1	.2433	.2668	.8478	.5171	23.21	355.3	392.0
#2	.3352	.5923	.6084	-.0730	17.88	342.0	381.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.15	.9626	2533.	.9987	-1.6961	-1.2933	1.5302
SDev	.04	.3334	15.	.8766	.8035	.6573	.8660
%RSD	.3798	34.63	.6072	87.77	47.372	50.824	56.593
#1	11.12	.7269	2544.	1.619	-2.2642	-1.7581	2.1426
#2	11.18	1.198	2522.	.3789	-1.1279	-.82852	.91787
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.258	1.193	-.77219	.4154	5.502	-1.7780	-1.0514
SDev	.219	.245	3.09986	.3264	.057	4.4351	1.2287
%RSD	5.149	20.53	401.44	78.58	1.031	249.45	116.87

#1	-4.413	1.366	1.4197	.6461	5.543	-4.9140	-.18252
#2	-4.103	1.020	-2.9641	.1846	5.462	1.3581	-1.9202
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-.47943	-2.3035	.32892	2.1300	5.0000		
SDev	3.90323	.7441	1.8549	2.2244	.0000		
%RSD	814.14	32.303	563.94	104.43	.00001		
#1	-3.2394	-1.7773	-.98271	3.7029	5.0000		
#2	2.2806	-2.8296	1.6406	.55707	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11960	--	--	--	--	--	--
SDev	37.05198	--	--	--	--	--	--
%RSD	.3098044	--	--	--	--	--	--
#1	11934	--	--	--	--	--	--
#2	11988	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPVRFRD Operator: MJC
Run Time: 11/21/00 19:23:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0821	139.3	2.3296	21.02	22.23	.0271	2128.
SDev	.2807	6.2	.8592	.00	.12	.0000	1.
%RSD	341.7	4.451	36.879	.0220	.5501	.0410	.0387
#1	-.2806	143.7	1.7221	21.02	22.31	.0271	2129.
#2	.1163	134.9	2.9372	21.02	22.14	.0271	2127.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2556	2.839	1.125	1.431	63.22	904.7	1960.
SDev	.0374	.001	.428	.282	2.79	14.0	3.
%RSD	14.63	.0234	38.07	19.74	4.420	1.547	.1462
#1	.2292	2.839	1.428	1.630	61.24	914.6	1962.
#2	.2820	2.840	.8224	1.231	65.19	894.8	1958.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.39	.4685	12150.	2.334	-1.0400	-1.6029	-.10410
SDev	.01	.3370	107.	1.716	1.4406	.7904	4.03148
%RSD	.0201	71.94	.8821	73.54	138.52	49.310	3872.6
#1	56.40	.7068	12220.	3.547	-.02137	-1.0440	2.7486
#2	56.38	.2302	12070.	1.120	-2.0587	-2.1618	-2.9548

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.617	2.705	-1.8391	.3624	14.85	-3.4443	-.68360
SDev	.229	.000	3.3802	.3864	.13	.4446	1.40698
%RSD	4.971	.0141	183.79	106.6	.8962	12.908	205.82
#1	-4.454	2.705	-4.2293	.0892	14.76	-3.7587	.31128
#2	-4.779	2.706	.55103	.6356	14.95	-3.1300	-1.6785

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	1.7849	-2.4504	2.2718	-1.2903	5.0000		
SDev	5.8414	.7565	5.5050	3.2958	.0000		
%RSD	327.27	30.872	242.31	255.43	.00000		
#1	5.9154	-2.9853	6.1645	1.0402	5.0000		
#2	-2.3456	-1.9154	-1.6208	-3.6208	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12060	--	--	--	--	--	--
SDev	1.697332	--	--	--	--	--	--
%RSD	.0140741	--	--	--	--	--	--
#1	12061	--	--	--	--	--	--
#2	12059	--	--	--	--	--	--

Method: TOTAL Sample Name: DPPVRFRST Operator: MJC
Run Time: 11/21/00 19:29:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0074	148.2	44.945	27.32	21.44	-.0184	2077.
SDev	.4929	.8	2.638	.25	.09	.0221	4.
%RSD	6664.	.5361	5.8694	.9180	.4278	119.9	.1812
#1	.3411	148.8	46.810	27.50	21.38	-.0028	2080.
#2	-.3559	147.7	43.080	27.14	21.51	-.0340	2074.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3622	2.578	.9827	1.297	66.69	881.1	1897.
SDev	.1089	.682	.3237	.007	18.63	4.8	5.
%RSD	30.06	26.45	32.94	.5676	27.94	.5395	.2403
#1	.4392	3.060	.7538	1.292	79.86	884.5	1901.
#2	.2852	2.096	1.212	1.302	53.51	877.8	1894.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.37	.2348	11750.	2.351	9.9131	20.884	1.3176
SDev	.04	1.354	105.	1.937	3.4048	.686	2.7255
%RSD	.0727	576.5	.8948	82.39	34.347	3.2868	206.86
#1	54.34	1.192	11830.	3.720	7.5055	21.370	3.2448
#2	54.40	-.7223	11680.	.9812	12.321	20.399	-.60963
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.909	3.224	57.466	.7755	15.08	17.870	22.389
SDev	.693	.719	3.157	.8425	.35	2.491	2.273
%RSD	11.73	22.30	5.4943	108.6	2.348	13.940	10.151
#1	-6.399	3.733	59.699	1.371	15.33	16.109	23.996
#2	-5.419	2.716	55.233	.1797	14.83	19.631	20.782
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	13.332	8.2061	1.6260	1.1638	5.0000
SDev	9.084	.5694	1.8569	3.1591	.0000
%RSD	68.137	6.9384	114.20	271.50	.00000
#1	6.9087	7.8035	2.9391	3.3974	5.0000
#2	19.756	8.8087	.31299	-1.0703	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12018	--	--	--	--	--	--
SDev	4.384200	--	--	--	--	--	--
%RSD	.0364800	--	--	--	--	--	--
#1	12021	--	--	--	--	--	--
#2	12015	--	--	--	--	--	--

Method: TOTAL Sample Name: PBW2 SDG#OK11130 Operator: MJC
Run Time: 11/21/00 19:38:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1365	40.93	-.59741	17.15	.2364	-.0351	95.88
SDev	.6149	1.17	2.17449	.34	.1265	.0015	.73
%RSD	450.5	2.849	363.98	1.990	53.50	4.180	.7603
#1	-.5713	41.75	.94018	16.91	.1470	-.0362	96.40
#2	.2983	40.10	-2.1350	17.39	.3259	-.0341	95.36
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3051	.4872	1.169	.7593	19.18	235.1	4.371
SDev	.0619	.9079	.276	.1933	7.47	4.0	7.823
%RSD	20.28	186.4	23.60	25.46	38.93	1.710	179.0
#1	.2613	-.1548	.9736	.6226	13.90	232.2	9.903
#2	.3488	1.129	1.364	.8960	24.46	237.9	-1.161
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6542	-.7236	-443.6	.6735	1.2014	-1.4174	.89852

SDev	.0412	.0013	123.7	2.374	5.0849	1.5805	.01315
%RSD	6.295	.1849	27.88	352.4	423.23	111.50	1.4632
#1	.6251	-.7245	-531.1	-1.005	4.7970	-2.5350	.90782
#2	.6833	-.7226	-356.2	2.352	-2.3941	-.29988	.88922
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000
Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.004	2.710	-1.8306	.3173	4.938	-4.0737	-.09127
SDev	1.135	.007	.8813	.1949	.045	4.1713	.28697
%RSD	56.65	.2645	48.147	61.45	.9115	102.40	314.42
#1	-1.202	2.705	-2.4538	.1794	4.906	-7.0233	-.29418
#2	-2.807	2.715	-1.2073	.4551	4.969	-1.1242	.11165
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	6.5949	-1.4913	1.9344	.38136	5.0000
SDev	6.9051	4.1761	1.3760	.66728	.0000
%RSD	104.70	280.04	71.135	174.97	.00000
#1	11.478	1.4617	2.9074	-.09047	5.0000
#2	1.7122	-4.4442	.96138	.85320	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12038	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.2643258	--	--	--	--	--	--
#1	12061	--	--	--	--	--	--
#2	12016	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSW2 Operator: MJC
Run Time: 11/21/00 19:44:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.96	2126.	2085.3	1045.	2024.	51.83	52790.
SDev	.23	12.	1.3	3.	2.	.05	20.

%RSD	.3958	.5659	.06304	.2853	.0992	.1051	.0387
#1	58.80	2134.	2086.2	1047.	2025.	51.79	52780.
#2	57.12	2117.	2084.3	1043.	2023.	51.87	52810.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.25	2410.	2410.0	1205.	2410.	60.25	60250.
Low	39.75	1590.	1590.0	795.0	1590.	39.75	39750.
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.22	499.3	206.2	256.0	1137.	53760.	50780.
SDev	.22	.0	.2	.5	1.	366.	23.
%RSD	.4214	.0090	.1144	.2081	.1010	.6810	.0448
#1	52.07	499.2	206.3	256.4	1138.	54020.	50760.
#2	52.38	499.3	206.0	255.7	1137.	53500.	50790.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.25	602.5	241.0	301.3	1205.	60250.	60250.
Low	39.75	397.5	159.0	198.8	795.0	39750.	39750.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.3	1023.	52470.	513.2	2174.0	514.70	551.66
SDev	.0	2.	336.	.5	9.9	.30	2.18
%RSD	.0058	.1524	.6411	.1057	.45706	.05784	.39431
#1	510.3	1024.	52710.	513.6	2167.0	514.91	550.12
#2	510.3	1022.	52230.	512.8	2181.0	514.49	553.20
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	602.5	1205.	60250.	602.5	2410.0	602.50	602.50
Low	397.5	795.0	39750.	397.5	1590.0	397.50	397.50
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2029.	1073.	2165.1	509.8	538.2	516.09	514.01
SDev	9.	1.	3.2	.2	.1	2.35	1.62
%RSD	.4676	.0558	.14808	.0310	.0135	.45610	.31547
#1	2022.	1073.	2162.8	509.7	538.3	514.43	515.15
#2	2036.	1072.	2167.3	510.0	538.1	517.75	512.86
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2410.	1205.	2410.0	602.5	602.5		
Low	1590.	795.0	1590.0	397.5	397.5		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	2175.2	2173.4	550.31	552.33	5.0000		
SDev	11.7	9.1	4.02	1.25	.0000		
%RSD	.53693	.41715	.73041	.22714	.00001		
#1	2167.0	2167.0	547.47	551.45	5.0000		
#2	2183.5	2179.8	553.15	553.22	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11952	--	--	--	--	--	--
SDev	17.53680	--	--	--	--	--	--
%RSD	.1467245	--	--	--	--	--	--
#1	11965	--	--	--	--	--	--
#2	11940	--	--	--	--	--	--

Method: TOTAL Sample Name: CRI CLP Operator: MJC
Run Time: 11/21/00 19:53:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.67	30.34	22.665	14.65	.2676	10.39	6.391
SDev	.49	2.11	1.300	1.32	.0843	.00	1.167
%RSD	2.469	6.952	5.7376	8.993	31.51	.0460	18.26
#1	19.33	31.83	21.745	13.72	.3272	10.39	7.216
#2	20.02	28.85	23.584	15.59	.2080	10.38	5.566
Errors	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	20.00		20.000			10.00	
Range	50.00		50.000			50.00	

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.40	103.0	20.35	50.70	6.705	213.8	1.914
SDev	.06	.2	.01	.68	14.05	3.4	.007
%RSD	.5550	.1782	.0469	1.334	209.5	1.591	.3469
#1	10.36	102.9	20.36	51.18	-3.227	211.4	1.919
#2	10.44	103.1	20.34	50.23	16.64	216.2	1.909
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	10.00	100.0	20.00	50.00			
Range	50.00	50.00	50.00	50.00			

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.43	.9589	-121.2	82.02	11.069	5.5428	129.29
SDev	.10	.3403	103.9	.94	.079	.1621	2.24
%RSD	.3382	35.49	85.77	1.140	.71779	2.9248	1.7301
#1	30.36	1.200	-194.7	81.36	11.125	5.6574	130.88
#2	30.51	.7183	-47.69	82.68	11.013	5.4281	127.71
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	30.00			80.00	10.000	6.0000	120.00

Range	50.00			50.00	50.000	50.000	50.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.465	-.0014	17.086	101.6	42.04	4.7483	5.9394
SDev	2.775	.0000	.294	.2	.47	1.2111	.3816
%RSD	112.6	.0000	1.7182	.1724	1.122	25.506	6.0879
#1	-4.428	-.0014	17.293	101.7	41.70	5.6047	5.6837
#2	-.5025	-.0014	16.878	101.5	42.37	3.8920	6.1951
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			20.000	100.0	40.00		
Range			50.000	50.00	50.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	9.9317	11.637	126.43	130.72	5.0000
SDev	4.8696	2.312	1.44	2.63	.0000
%RSD	49.031	19.868	1.1411	2.0145	.00000
#1	13.375	10.002	127.45	132.58	5.0000
#2	6.4884	13.272	125.41	128.86	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11982	--	--	--	--	--	--
SDev	5.232866	--	--	--	--	--	--
%RSD	.0436709	--	--	--	--	--	--
#1	11979	--	--	--	--	--	--
#2	11986	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSA Operator: MJC
Run Time: 11/21/00 20:02:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3331	484300.	1.6377	17.63	1.988	.0788	472900.
SDev	.0567	408.	1.0734	.59	.046	.0003	562.
%RSD	17.04	.0843	65.542	3.338	2.335	.4167	.1189
#1	-.3732	484600.	.87870	17.21	1.955	.0785	472500.
#2	-.2929	484000.	2.3967	18.05	2.020	.0790	473300.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	500000.	.00000		.0000	.0000	500000.
Range	10.00	100000.	10.000		200.0	5.000	100000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.170	4.334	-2.098	2.589	201100.	217.4	516900.
SDev	.234	.901	.058	.166	118.	2.6	42.
%RSD	5.612	20.80	2.745	6.412	.0588	1.186	.0081
#1	4.335	3.697	-2.139	2.472	201000.	219.2	516900.
#2	4.004	4.971	-2.057	2.707	201200.	215.6	517000.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	200000.	.0000	500000.
Range	5.000	50.00	10.00	25.00	40000.	5000.	100000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.720	1.326	-57.15	2.810	.99779	-2.5680	3.1160
SDev	.078	1.460	11.06	.815	6.5255	1.2145	.0854
%RSD	.7983	110.1	19.36	29.01	654.00	47.295	2.7415
#1	9.775	.2934	-49.33	2.234	Q5.6120	Q-3.4268	3.1764
#2	9.665	2.358	-64.98	3.386	-3.6164	-1.7092	3.0556
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.610	-7.134	1.0694	-1.539	14.84	-33.776	13.013
SDev	1.738	.254	2.2720	.350	.21	1.350	1.147
%RSD	48.13	3.567	212.45	22.75	1.410	3.9959	8.8151
#1	-2.382	-7.314	2.6760	-1.788	14.99	-34.730	12.201
#2	-4.839	-6.954	-.53713	-1.291	14.69	-32.821	13.824
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-4.4944	3.7397	15.094	-2.8641	5.0000
SDev	.1719	9.8692	2.209	.9746	.0000
%RSD	3.8237	263.90	14.633	34.028	.00000
#1	-4.6159	10.718	16.656	-3.5532	5.0000
#2	-4.3729	-3.2388	13.532	-2.1749	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	11155	--	--	--	--	--	--
SDev	6.505520	--	--	--	--	--	--
%RSD	.0583172	--	--	--	--	--	--
#1	11160	--	--	--	--	--	--
#2	11151	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSAB4.0 Operator: MJC
Run Time: 11/21/00 20:07:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	209.1	483000.	102.27	1023.	517.4	505.3	473100.
SDev	.2	59.	1.59	1.	1.1	.4	32.
%RSD	.0962	.0122	1.5576	.1065	.2188	.0766	.0067
#1	209.2	483000.	101.14	1024.	518.2	505.6	473200.
#2	208.9	483000.	103.40	1022.	516.6	505.0	473100.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	200.0	500000.	100.00		500.0	500.0	500000.
Range	20.50	20.50	20.500		20.50	20.50	20.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	973.3	491.2	481.7	546.5	200800.	11750.	515200.
SDev	.9	.2	1.5	1.1	255.	22.	1147.
%RSD	.0941	.0385	.3101	.1940	.1268	.1872	.2227
#1	973.9	491.4	482.7	547.3	201000.	11730.	516100.
#2	972.6	491.1	480.6	545.8	200700.	11770.	514400.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	464.0	977.2	11400.	963.6	43.061	46.993	653.25
SDev	.8	5.5	19.	1.4	.134	.494	.89
%RSD	.1637	.5664	.1672	.1417	.31103	1.0506	.13694
#1	464.5	973.3	11410.	964.6	42.966	46.644	653.88
#2	463.4	981.1	11380.	962.6	43.156	47.342	652.62
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	50.000	50.000	600.00
Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	983.9	-6.221	92.520	487.2	1057.	13.797	63.566
SDev	1.4	.007	2.535	1.3	1.	5.232	1.872
%RSD	.1466	.1052	2.7396	.2604	.0967	37.918	2.9444

#1	982.9	-6.226	94.312	488.1	1057.	10.098	64.889
#2	984.9	-6.217	90.727	486.4	1056.	17.496	62.242
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			100.00	500.0	1000.		
Range			20.500	20.50	20.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	45.876	41.655	650.89	654.43	5.0000
SDev	9.929	4.756	3.34	.33	.0000
%RSD	21.644	11.419	.51312	.04985	.00000
#1	38.855	45.019	653.25	654.20	5.0000
#2	52.898	38.292	648.53	654.66	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11153	--	--	--	--	--	--
SDev	11.73839	--	--	--	--	--	--
%RSD	.1052478	--	--	--	--	--	--
#1	11145	--	--	--	--	--	--
#2	11161	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 20:13:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1006.	25630.	510.42	5034.	2013.	2052.	51850.
SDev	1.	53.	2.65	12.	3.	4.	221.
%RSD	.0938	.2062	.51956	.2381	.1429	.2117	.4253
#1	1007.	25670.	508.55	5026.	2011.	2055.	52010.
#2	1006.	25600.	512.30	5043.	2015.	2049.	51700.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	514.0	2016.	2018.	2000.	26040.	52710.	50890.
SDev	1.5	5.	5.	5.	95.	110.	262.
%RSD	.2936	.2690	.2661	.2343	.3663	.2084	.5147
#1	515.1	2020.	2022.	1997.	26110.	52630.	51080.
#2	513.0	2012.	2014.	2004.	25970.	52790.	50710.

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1992.	1987.	49420.	2034.	503.16	505.81	512.56
SDev	2.	5.	3.	4.	3.31	1.67	6.76
%RSD	.1154	.2537	.0060	.2155	.65697	.33007	1.3183
#1	1994.	1991.	49420.	2037.	500.82	506.99	517.34
#2	1991.	1984.	49420.	2030.	505.50	504.63	507.78

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4931.	5048.	1014.9	2004.	2049.	506.30	505.57
SDev	3.	3.	2.7	4.	4.	1.18	1.91
%RSD	.0570	.0522	.26377	.2176	.1825	.23324	.37848
#1	4933.	5050.	1013.1	2007.	2051.	507.13	506.92
#2	4929.	5046.	1016.8	2001.	2046.	505.46	504.21

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	506.27	501.61	519.93	508.88	5.0000		
SDev	1.94	5.93	8.68	5.79	.0000		
%RSD	.38368	1.1814	1.6704	1.1387	.00000		
#1	507.65	497.42	526.07	512.97	5.0000		
#2	504.90	505.80	513.79	504.78	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11834	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.3226616	--	--	--	--	--	--
#1	11807	--	--	--	--	--	--
#2	11861	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 20:18:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5978	70.34	-.95013	5.392	.4445	.5052	55.19
SDev	.4924	.95	1.96867	2.137	.1683	.0458	6.92
%RSD	82.37	1.348	207.20	39.63	37.86	9.069	12.54
#1	-.2496	71.01	.44193	6.903	.5635	.5376	60.08
#2	-.9460	69.66	-2.3422	3.881	.3255	.4728	50.30
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3090	-.0506	.7548	.5370	16.54	224.9	48.27
SDev	.2455	.3026	.6475	.2321	18.66	12.2	5.84
%RSD	79.45	598.4	85.78	43.22	112.8	5.410	12.10
#1	.4826	.1634	1.213	.7011	29.73	233.5	52.40
#2	.1354	-.2645	.2969	.3729	3.342	216.3	44.14
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3957	2.389	-143.4	-1.760	-1.1601	-.05238	3.5909
SDev	.0586	1.019	134.9	.862	.2641	.49021	.0423
%RSD	14.80	42.65	94.03	48.97	22.765	935.80	1.1783
#1	.4371	3.110	-48.07	-1.151	-.97332	.29425	3.5610
#2	.3543	1.669	-238.8	-2.370	-1.3468	-.39901	3.6208
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.154	1.866	1.5241	.9636	.5842	-2.5103	1.1747
SDev	2.776	.722	1.2678	.4551	.3660	2.3329	1.8996
%RSD	128.9	38.69	83.184	47.23	62.66	92.932	161.71
#1	-.1914	2.377	.62760	1.285	.8430	-4.1599	2.5180
#2	-4.117	1.356	2.4205	.6418	.3254	-.86071	-.16851
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	-7.3470	1.9288	.67081	5.0488	5.0000
SDev	5.4578	3.1206	.45351	.1630	.0000
%RSD	74.283	161.79	67.606	3.2281	.00000
#1	-11.206	4.1354	.35013	5.1640	5.0000
#2	-3.4879	-.27784	.99149	4.9335	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12018	--	--	--	--	--	--
SDev	11.17215	--	--	--	--	--	--
%RSD	.0929626	--	--	--	--	--	--
#1	12010	--	--	--	--	--	--
#2	12026	--	--	--	--	--	--

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Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 20:43:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1003.	25750.	508.98	5095.	2017.	2046.	51760.
SDev	.	2.	5.34	6.	.	.	2.
%RSD	.0468	.0094	1.0492	.1147	.0098	.0008	.0036
#1	1003.	25750.	505.21	5091.	2017.	2046.	51760.
#2	1003.	25740.	512.76	5099.	2017.	2046.	51760.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	507.3	2026.	2016.	2011.	26070.	53350.	50550.
SDev	.8	.	2.	1.	1.	117.	27.
%RSD	.1661	.0147	.0768	.0302	.0046	.2184	.0541
#1	507.9	2025.	2017.	2012.	26070.	53270.	50570.
#2	506.7	2026.	2014.	2011.	26070.	53440.	50530.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2004.	2010.	49670.	2002.	503.05	505.50	517.59
SDev	2.	3.	40.	1.	1.44	1.06	.59
%RSD	.0763	.1588	.0799	.0501	.28711	.20911	.11341
#1	2003.	2008.	49640.	2003.	502.03	506.24	518.01
#2	2005.	2013.	49690.	2001.	504.07	504.75	517.18
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5047.	5099.	1015.9	2006.	2033.	502.28	507.10
SDev	24.	1.	.5	2.	2.	1.81	2.49
%RSD	.4664	.0119	.04992	.1000	.0817	.36022	.49064
#1	5064.	5100.	1015.5	2007.	2034.	501.00	508.86
#2	5030.	5099.	1016.2	2004.	2032.	503.56	505.34
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	513.37	497.91	516.71	518.04	5.0000
SDev	.15	2.09	5.12	3.44	.0000
%RSD	.02955	.41970	.99057	.66315	.00000
#1	513.26	496.43	513.09	520.47	5.0000
#2	513.47	499.38	520.33	515.61	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11853	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0119313	--	--	--	--	--	--
#1	11852	--	--	--	--	--	--
#2	11854	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 20:49:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0622	24.55	1.5031	6.286	.7692	.7244	35.69
SDev	.3336	.09	.0715	2.437	.3793	.2279	7.09
%RSD	536.3	.3862	4.7548	38.77	49.31	31.46	19.86
#1	.1737	24.49	1.4525	8.010	1.037	.8856	40.71
#2	-.2981	24.62	1.5536	4.563	.5010	.5633	30.68
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3080	.7543	.9010	1.551	9.301	227.8	27.74
SDev	.0908	.2268	.4370	.348	13.94	14.5	8.52
%RSD	29.46	30.07	48.50	22.44	149.9	6.387	30.72
#1	.3722	.9146	1.210	1.797	19.16	238.1	33.76
#2	.2439	.5939	.5920	1.305	-.5582	217.5	21.71
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6264	2.381	-121.8	.7449	-.27225	-.38743	.88085

SDev	.1960	1.024	.4	.7622	4.37776	.22280	2.8611
%RSD	31.29	43.02	.3033	102.3	1608.0	57.507	324.81
#1	.7850	3.106	-121.5	1.284	2.8233	-.54497	-1.1422
#2	.4878	1.657	-122.1	.2059	-3.3678	-.22989	2.9039
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.446	2.032	-5.0562	.7791	.9194	-1.1782	.00734
SDev	2.315	.964	3.5671	.5852	.3706	.6987	.01481
%RSD	52.06	47.45	70.548	75.12	40.31	59.307	201.66
#1	-2.810	2.714	-2.5339	1.193	1.181	-1.6722	.01782
#2	-6.083	1.350	-7.5785	.3653	.6573	-.68408	-.00313
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-.62210	-.09758	1.3190	.66208	5.0000
SDev	3.47384	4.82904	.4699	4.5240	.0000
%RSD	558.40	4948.9	35.622	683.31	.00000
#1	1.8343	3.3171	1.6513	-2.5369	5.0000
#2	-3.0785	-3.5122	.98680	3.8611	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12048	--	--	--	--	--	--
SDev	38.04221	--	--	--	--	--	--
%RSD	.3157527	--	--	--	--	--	--
#1	12021	--	--	--	--	--	--
#2	12075	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR20FR Operator: MJC
Run Time: 11/21/00 20:54:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0884	32.44	.25308	24.43	35.35	1.281	1890.
SDev	.3807	6.89	1.0922	1.27	.14	.153	10.

%RSD	430.6	21.24	431.55	5.207	.3829	11.93	.5046
#1	-.1808	37.31	-.51920	25.33	35.45	1.389	1897.
#2	.3576	27.57	1.0254	23.53	35.26	1.173	1883.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4939	3.444	1.054	2.451	4220.	704.3	828.6
SDev	.1121	.151	.368	.264	4.	18.4	11.7
%RSD	22.69	4.399	34.89	10.77	.0909	2.608	1.412
#1	.5731	3.337	1.314	2.638	4223.	717.3	836.9
#2	.4146	3.551	.7941	2.265	4217.	691.3	820.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.68	.9572	3181.	3.613	-3.3290	-1.2582	1.1531
SDev	.04	.3309	89.	.630	4.2295	.1439	3.4535
%RSD	.0611	34.57	2.813	17.43	127.05	11.433	299.48
#1	65.71	1.191	3244.	4.059	-.33833	-1.3600	-1.2888
#2	65.65	.7232	3118.	3.168	-6.3198	-1.1565	3.5951
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.904	1.833	-1.8386	.4699	19.69	-3.4774	-.15032
SDev	.005	.706	4.1793	.3182	.02	1.5389	.98397
%RSD	.1563	38.52	227.30	67.71	.1082	44.255	654.57
#1	-2.907	2.333	-4.7938	.2450	19.68	-2.3892	-.84810
#2	-2.901	1.334	1.1166	.6949	19.71	-4.5656	.54545
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-.03316	-4.9745	-1.0681	2.2621	5.0000
SDev	1.81903	5.4329	.4496	4.9531	.0000
%RSD	5485.8	109.22	42.097	218.96	.00000
#1	1.2531	-1.1328	-1.3860	-1.2403	5.0000
#2	-1.3194	-8.8162	-.75013	5.7645	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12230	--	--	--	--	--	--
SDev	10.18192	--	--	--	--	--	--
%RSD	.0832564	--	--	--	--	--	--
#1	12237	--	--	--	--	--	--
#2	12222	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR20FRD Operator: MJC
Run Time: 11/21/00 21:00:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3879	24.14	.17062	22.80	33.59	.9550	1793.
SDev	.3623	5.88	.11800	.64	.08	.1378	14.
%RSD	93.39	24.36	69.158	2.813	.2241	14.43	.7930
#1	-.1317	28.30	.08718	23.25	33.65	1.052	1803.
#2	-.6441	19.99	.25405	22.34	33.54	.8575	1783.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4526	2.970	1.878	2.214	4004.	674.8	782.6
SDev	.1457	.067	.171	.423	34.	8.2	3.3
%RSD	32.18	2.261	9.087	19.11	.8490	1.210	.4181
#1	.5556	2.922	1.999	2.513	4028.	680.6	784.9
#2	.3496	3.017	1.758	1.915	3980.	669.0	780.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62.20	.9558	3138.	4.515	-3.3739	-.77056	3.3776
SDev	.41	.3251	210.	.024	.0793	.78085	.6744
%RSD	.6535	34.02	6.685	.5392	2.3495	101.34	19.967
#1	62.49	.7259	3286.	4.532	-3.4299	-1.3227	2.9007
#2	61.91	1.186	2990.	4.498	-3.3178	-.21842	3.8545
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.

Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.909	.5006	-2.8562	.4761	15.57	-6.4782	2.0790
SDev	2.501	.7099	3.3089	.0649	.15	.1597	1.2504
%RSD	36.21	141.8	115.85	13.62	.9550	2.4652	60.145
#1	-5.140	1.003	-.51647	.5219	15.47	-6.3653	1.1948
#2	-8.678	-.0014	-5.1959	.4302	15.68	-6.5912	2.9632
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	2.3068	-6.2100	-1.0843	5.6052	5.0000
SDev	1.3849	.5726	.4441	1.2328	.0000
%RSD	60.035	9.2203	40.958	21.994	.00000
#1	1.3276	-5.8051	-.77028	4.7335	5.0000
#2	3.2861	-6.6148	-1.3984	6.4770	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12223	--	--	--	--	--	--
SDev	42.28485	--	--	--	--	--	--
%RSD	.3459421	--	--	--	--	--	--
#1	12193	--	--	--	--	--	--
#2	12253	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR20FRST Operator: MJC
Run Time: 11/21/00 21:05:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0582	21.02	45.150	25.45	34.07	.8640	1816.
SDev	.1041	.05	.487	1.00	.08	.0019	2.
%RSD	178.8	.2315	1.0797	3.923	.2456	.2210	.1185
#1	-.1318	20.99	44.806	26.15	34.01	.8626	1817.
#2	.0154	21.06	45.495	24.74	34.13	.8653	1814.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3358	3.238	1.323	2.353	4103.	676.2	799.6
SDev	.0370	.296	.420	.096	4.	3.3	1.6
%RSD	11.03	9.139	31.76	4.071	.1014	.4877	.1977
#1	.3096	3.448	1.620	2.286	4100.	678.6	800.7
#2	.3620	3.029	1.026	2.421	4105.	673.9	798.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63.71	.4901	3109.	4.529	11.094	20.644	1.0819
SDev	.17	.3355	74.	.416	1.074	.538	1.8873
%RSD	.2646	68.47	2.392	9.177	9.6824	2.6049	174.45
#1	63.83	.2528	3161.	4.822	11.853	21.024	-.25269
#2	63.59	.7273	3056.	4.235	10.334	20.263	2.4164
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.925	-.0014	56.357	.4287	14.73	19.232	21.348
SDev	.918	.0000	1.963	.5087	.14	.260	.677
%RSD	47.65	.0000	3.4832	118.7	.9728	1.3508	3.1689
#1	-2.574	-.0014	57.745	.7884	14.63	19.416	21.827
#2	-1.277	-.0014	54.969	.0690	14.83	19.048	20.870
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	15.683	8.8025	3.0851	.08173	5.0000
SDev	.653	1.2843	1.8241	1.9189	.0000
%RSD	4.1647	14.590	59.125	2348.0	.00001
#1	16.144	9.7106	1.7953	-1.2752	5.0000
#2	15.221	7.8943	4.3750	1.4386	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12199	--	--	--	--	--	--
SDev	15.13167	--	--	--	--	--	--
%RSD	.1240372	--	--	--	--	--	--
#1	12210	--	--	--	--	--	--
#2	12189	--	--	--	--	--	--

Method: TOTAL Sample Name: PBS2 SDG#OK11130 Operator: MJC
Run Time: 11/21/00 21:16:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2604	11.73	.89045	-4.569	.4723	-.0521	167.6
SDev	.7200	1.08	1.3069	.250	.0429	.0660	.7
%RSD	276.4	9.184	146.77	5.468	9.087	126.7	.4108
#1	-.2487	12.49	1.8146	-4.393	.4419	-.0054	168.1
#2	.7696	10.96	-.03366	-4.746	.5026	-.0988	167.2
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2267	.2731	2.149	1.937	38.21	230.4	19.54
SDev	.0650	.7552	.275	.040	2.74	2.4	2.03
%RSD	28.65	276.5	12.81	2.079	7.162	1.038	10.39
#1	.1808	-.2609	1.954	1.909	40.15	228.7	20.97
#2	.2727	.8071	2.344	1.966	36.28	232.1	18.10
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.567	2.614	98.80	1.425	-1.7151	-.27544	1.7305
SDev	.054	1.342	57.38	.866	.8463	.98890	2.7801
%RSD	3.455	51.33	58.08	60.81	49.346	359.03	160.66
#1	1.605	3.563	139.4	.8121	-1.1167	.42382	3.6963
#2	1.528	1.665	58.23	2.037	-2.3136	-.97469	-.23536
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000
Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.564	-.0014	-3.8094	1.005	5.706	-2.9566	1.0632
SDev	1.591	.0000	4.0131	.000	.092	2.9912	2.9759
%RSD	101.7	.0000	105.35	.0308	1.610	101.17	279.91

#1	2.688	-.0014	-.97176	1.005	5.641	-5.0717	3.1675
#2	.4387	-.0014	-6.6471	1.005	5.771	-.84157	-1.0411
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-1.3500	-1.8974	-1.6061	3.3963	5.0000		
SDev	4.8915	3.6111	.8979	4.6163	.0000		
%RSD	347.52	190.32	55.904	135.92	.00001		
#1	-4.6674	.65603	-2.2411	6.6605	5.0000		
#2	1.9674	-4.4509	-.97124	.13202	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12058	--	--	--	--	--	--
SDev	23.75851	--	--	--	--	--	--
%RSD	.1970287	--	--	--	--	--	--
#1	12075	--	--	--	--	--	--
#2	12042	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSS2 Operator: MJC
Run Time: 11/21/00 21:21:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	444.0	22370.	927.93	227.6	811.0	235.7	53000.
SDev	.8	43.	3.18	1.2	.7	.2	12.
%RSD	.1852	.1915	.34232	.5466	.0843	.0905	.0230
#1	444.6	22340.	925.69	226.7	810.5	235.9	53010.
#2	443.4	22400.	930.18	228.5	811.5	235.6	52990.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	565.0	61500.	1165.0	371.5	1090.	274.0	66000.
Low	335.0	21000.	690.00	149.0	685.0	176.5	39200.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	339.9	1101.	725.5	462.6	38520.	16660.	10420.
SDev	.1	1.	.3	.7	26.	59.	8.
%RSD	.0298	.0667	.0481	.1543	.0663	.3562	.0733
#1	340.0	1102.	725.8	462.1	38500.	16620.	10430.
#2	339.8	1101.	725.3	463.1	38530.	16710.	10410.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	393.5	1275.	855.0	545.0	89500.	22700.	17150.
Low	246.0	840.0	570.0	379.5	37350.	13100.	10350.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1772.	242.5	5118.	382.2	785.37	669.03	87.453
SDev	1.	.3	56.	.5	.67	.72	1.402
%RSD	.0344	.1275	1.085	.1280	.08489	.10730	1.6031
#1	1772.	242.7	5078.	382.6	785.84	668.52	86.461
#2	1773.	242.2	5157.	381.9	784.90	669.54	88.444

Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2325.		6750.	453.5	940.00	740.00	340.50
Low	1555.		3460.	291.5	555.00	454.50	10.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	407.5	857.3	441.18	814.6	1334.	669.97	668.56
SDev	2.4	.1	3.40	.1	2.	.33	1.24
%RSD	.5872	.0092	.77024	.0114	.1161	.04911	.18556
#1	405.8	857.3	443.59	814.7	1335.	670.21	667.68
#2	409.2	857.4	438.78	814.6	1333.	669.74	669.43

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	560.0	1885.	575.00	1140.	1675.		
Low	281.0	293.0	230.00	590.0	1055.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	792.15	781.99	87.316	87.521	5.0000		
SDev	8.91	5.45	.336	1.934	.0000		
%RSD	1.1251	.69681	.38507	2.2097	.00000		
#1	785.85	785.84	87.079	86.153	5.0000		
#2	798.45	778.13	87.554	88.888	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12344	--	--	--	--	--	--
SDev	15.69791	--	--	--	--	--	--
%RSD	.1271673	--	--	--	--	--	--
#1	12333	--	--	--	--	--	--
#2	12355	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3PR Operator: MJC
Run Time: 11/21/00 21:29:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9622	4943.	5.7368	-4.473	29.05	-.1951	1701.
SDev	.9450	21.	.6447	.270	.02	.0008	1.
%RSD	98.22	.4311	11.239	6.032	.0677	.4323	.0438
#1	-1.630	4958.	5.2809	-4.664	29.04	-.1957	1702.
#2	-.2939	4928.	6.1927	-4.283	29.07	-.1945	1701.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2063	1.272	81.23	19.86	10020.	883.0	363.2
SDev	.0951	.657	.48	.28	20.	1.2	6.8
%RSD	46.09	51.64	.5913	1.432	.1965	.1347	1.881
#1	.1390	.8073	80.89	19.66	10010.	883.9	358.4
#2	.2735	1.736	81.57	20.06	10040.	882.2	368.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.51	2.118	489.6	2.526	-.58098	8.9243	.76641
SDev	.00	.657	21.1	1.769	1.87512	1.2568	2.3870
%RSD	.0142	31.03	4.306	70.02	322.75	14.083	311.46
#1	33.52	1.653	504.5	1.275	-1.9069	8.0356	2.4543
#2	33.51	2.582	474.7	3.776	.74494	9.8130	-.92148
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9895	242.1	-3.3416	81.83	11.15	7.5408	9.6151
SDev	.2368	.7	4.1805	.17	.06	4.3599	.2924
%RSD	23.94	.2705	125.10	.2074	.5108	57.818	3.0411
#1	-1.157	242.6	-.38557	81.71	11.11	4.4579	9.8219
#2	-.8220	241.7	-6.2977	81.95	11.19	10.624	9.4083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	-3.2026	.72786	.82141	.73896	5.0000
SDev	2.6413	4.1299	2.6582	4.9059	.0000
%RSD	82.474	567.41	323.62	663.90	.00000
#1	-1.3349	-2.1925	-1.0582	4.2080	5.0000
#2	-5.0702	3.6482	2.7011	-2.7300	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12513	--	--	--	--	--	--
SDev	25.73827	--	--	--	--	--	--
%RSD	.2056988	--	--	--	--	--	--
#1	12531	--	--	--	--	--	--
#2	12494	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3PRL Operator: MJC
Run Time: 11/21/00 21:34:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0142	1013.	4.6297	-6.485	6.005	-.0602	373.5
SDev	.2609	.	.2067	.786	.165	.0222	1.2
%RSD	1842.	.0153	4.4648	12.13	2.747	36.80	.3151
#1	.1703	1013.	4.4836	-5.929	5.889	-.0758	374.3
#2	-.1986	1013.	4.7759	-7.041	6.122	-.0445	372.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3227	.2249	18.04	5.318	2075.	346.4	77.27
SDev	.0588	.2249	.59	.209	.	2.9	2.09
%RSD	18.22	99.99	3.253	3.933	.0125	.8448	2.703
#1	.2811	.3840	18.46	5.170	2075.	348.5	78.75
#2	.3642	.0659	17.63	5.466	2075.	344.3	75.79
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.667	.2378	154.1	-2.372	-.91692	.51884	2.0309

SDev	.020	.0002	24.2	.213	.84524	.38787	1.8636
%RSD	.3003	.0774	15.71	8.969	92.183	74.757	81.918
#1	6.681	.2379	171.2	-2.522	-.31924	.79311	.85449
#2	6.653	.2376	137.0	-2.221	-1.5146	.24458	3.2072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.843	50.15	-.12549	17.30	4.446	-.61660	1.0857
SDev	2.281	.72	3.13722	.26	.165	.46015	.8112
%RSD	59.35	1.432	2500.0	1.491	3.706	74.627	74.720
#1	-2.230	50.65	2.0929	17.48	4.562	-.94198	1.6594
#2	-5.455	49.64	-2.3438	17.12	4.329	-.29123	.51208
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	.93014	-1.8391	1.2527	2.4193	5.0000
SDev	.91102	1.7221	1.3601	3.1732	.0000
%RSD	97.945	93.638	108.57	131.16	.00000
#1	.28595	-.62139	2.2145	.17554	5.0000
#2	1.5743	-3.0567	.29100	4.6631	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12165	--	--	--	--	--	--
SDev	1.555773	--	--	--	--	--	--
%RSD	.0127886	--	--	--	--	--	--
#1	12164	--	--	--	--	--	--
#2	12166	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3PRD Operator: MJC
Run Time: 11/21/00 21:40:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8355	5339.	10.486	-4.262	32.58	-.0948	1724.
SDev	.6288	4.	2.065	.516	.02	.0003	3.

%RSD	75.25	.0747	19.692	12.12	.0860	.3141	.1861
#1	-.3909	5336.	11.947	-4.627	32.57	-.0950	1726.
#2	-1.280	5342.	9.0263	-3.896	32.60	-.0946	1722.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5417	1.428	174.0	29.05	16770.	917.7	387.8
SDev	.1366	.292	.5	.04	15.	1.4	1.3
%RSD	25.22	20.48	.2751	.1321	.0899	.1551	.3296
#1	.6383	1.634	173.6	29.07	16780.	916.7	386.9
#2	.4451	1.221	174.3	29.02	16760.	918.7	388.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.79	2.198	566.4	4.455	-.05125	10.222	3.8007
SDev	.03	1.308	52.7	.307	3.56021	.555	.8330
%RSD	.0851	59.49	9.305	6.892	6947.0	5.4312	21.916
#1	36.81	1.274	529.1	4.672	-2.5687	10.615	3.2117
#2	36.77	3.123	603.7	4.238	2.4662	9.8294	4.3897
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.588	224.5	-4.0510	200.4	9.993	9.4449	10.610
SDev	.227	.5	1.0533	.3	.012	1.6226	.022
%RSD	14.30	.2436	26.000	.1607	.1228	17.180	.20964
#1	-1.749	224.9	-3.3062	200.2	9.984	10.592	10.626
#2	-1.428	224.1	-4.7958	200.6	10.00	8.2975	10.594
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-1.8151	.82934	2.2794	4.5602	5.0000		
SDev	6.8143	1.9356	1.7867	.3568	.0000		
%RSD	375.43	233.39	78.382	7.8247	.00000		
#1	-6.6335	-.53934	1.0161	4.3079	5.0000		
#2	3.0034	2.1980	3.5428	4.8125	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12460	--	--	--	--	--	--
SDev	8.202163	--	--	--	--	--	--
%RSD	.0658269	--	--	--	--	--	--
#1	12466	--	--	--	--	--	--
#2	12454	--	--	--	--	--	--

Method: TOTAL Sample Name: DPR3PRST Operator: MJC
Run Time: 11/21/00 21:45:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7921	4129.	35.681	-4.217	32.20	-.1286	4939.
SDev	.0506	5.	.213	1.035	.11	.0004	1.
%RSD	6.393	.1095	.59648	24.54	.3318	.2729	.0128
#1	-.7563	4125.	35.531	-3.485	32.27	-.1283	4939.
#2	-.8279	4132.	35.832	-4.948	32.12	-.1288	4938.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1567	.4422	70.44	22.36	8686.	902.0	563.2
SDev	.0152	.3686	.31	.59	3.	7.0	.5
%RSD	9.685	83.35	.4379	2.633	.0370	.7792	.0808
#1	.1460	.1816	70.23	22.77	8688.	897.0	563.5
#2	.1675	.7028	70.66	21.94	8683.	906.9	562.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	41.03	2.367	671.0	3.536	4.0432	26.528	3.8363
SDev	.16	2.296	88.8	.632	.0178	.824	2.3573
%RSD	.4000	96.98	13.24	17.86	.43939	3.1069	61.447
#1	41.15	.7439	608.2	3.982	4.0557	25.945	5.5032
#2	40.92	3.991	733.8	3.089	4.0306	27.111	2.1694
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.

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Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.339	178.2	45.330	78.70	12.38	25.084	27.249
SDev	2.692	.1	1.362	.18	.21	2.977	.250
%RSD	115.1	.0788	3.0043	.2341	1.680	11.866	.91888
#1	-.4359	178.3	46.293	78.83	12.52	22.979	27.428
#2	-4.243	178.1	44.367	78.57	12.23	27.189	27.072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-1.8933	7.0070	1.1564	5.1743	5.0000
SDev	1.1470	.5993	1.3190	2.8757	.0000
%RSD	60.583	8.5527	114.06	55.577	.00000
#1	-2.7044	7.4307	2.0890	7.2077	5.0000
#2	-1.0823	6.5832	.22371	3.1408	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12388	--	--	--	--	--	--
SDev	9.757936	--	--	--	--	--	--
%RSD	.0787724	--	--	--	--	--	--
#1	12381	--	--	--	--	--	--
#2	12394	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5A SB120 SE10 Operator: MJC
Run Time: 11/21/00 21:54:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.91	39510.	74.546	52.69	359.9	12.18	77350.
SDev	.18	105.	.135	.35	.1	.02	59.
%RSD	.8998	.2668	.18130	.6604	.0353	.1441	.0768
#1	19.78	39430.	74.451	52.93	359.8	12.19	77300.
#2	20.03	39580.	74.642	52.44	360.0	12.17	77390.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.37	149.1	99.68	208.7	286300.	4682.	36000.
SDev	.17	.2	.07	.7	108.	33.	22.
%RSD	.9368	.1641	.0737	.3571	.0378	.7069	.0600
#1	18.49	149.0	99.61	208.1	286200.	4658.	35980.
#2	18.25	149.3	99.72	209.2	286300.	4705.	36010.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3246.	11.05	137.1	175.5	15.612	594.69	148.31
SDev	3.	.68	186.0	.2	5.507	1.64	2.19
%RSD	.0865	6.114	135.7	.1382	35.275	.27551	1.4773
#1	3245.	11.53	5.551	175.7	11.718	593.53	146.76
#2	3248.	10.57	268.6	175.4	19.506	595.85	149.86
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.26	648.5	20.714	204.2	622.0	592.13	595.97
SDev	4.26	.5	2.009	.4	1.2	2.91	3.91
%RSD	20.05	.0817	9.6965	.1986	.1968	.49147	.65596
#1	18.25	648.1	22.135	203.9	621.1	594.19	593.20
#2	24.27	648.9	19.294	204.5	622.8	590.07	598.73
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	9.1423	18.842	155.38	144.78	5.0000
SDev	.0156	8.264	2.96	1.80	.0000
%RSD	.17102	43.861	1.9080	1.2466	.00001
#1	9.1533	12.999	153.28	143.50	5.0000
#2	9.1312	24.686	157.47	146.05	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12251	--	--	--	--	--	--
SDev	16.68745	--	--	--	--	--	--
%RSD	.1362085	--	--	--	--	--	--
#1	12240	--	--	--	--	--	--
#2	12263	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 21:59:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1005.	25940.	507.02	5093.	2023.	2036.	51490.
SDev	1.	33.	2.77	13.	3.	4.	147.
%RSD	.0718	.1276	.54553	.2564	.1574	.2188	.2855
#1	1005.	25920.	508.97	5084.	2021.	2033.	51390.
#2	1006.	25970.	505.06	5102.	2025.	2040.	51600.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.6	2019.	2008.	2022.	25970.	54280.	50420.
SDev	1.1	5.	4.	1.	85.	52.	112.
%RSD	.2107	.2717	.2010	.0689	.3256	.0966	.2231
#1	504.9	2015.	2005.	2021.	25910.	54240.	50340.
#2	506.4	2023.	2011.	2023.	26030.	54320.	50500.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2008.	2009.	50420.	1991.	506.65	503.18	515.41
SDev	5.	8.	102.	1.	.83	1.16	.92
%RSD	.2713	.4157	.2033	.0261	.16394	.22975	.17895
#1	2004.	2003.	50350.	1990.	507.24	502.36	516.06
#2	2012.	2015.	50490.	1991.	506.07	503.99	514.75
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5032.	5098.	1014.3	2002.	2030.	503.93	502.80
SDev	22.	8.	1.9	5.	5.	.63	1.42
%RSD	.4365	.1634	.18964	.2475	.2441	.12593	.28170

#1	5017.	5092.	1015.8	1998.	2028.	503.49	501.79
#2	5048.	5103.	1012.9	2005.	2033.	504.38	503.80
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	509.52	505.22	518.87	513.68	5.0000
SDev	3.87	.68	.97	.90	.0000
%RSD	.75881	.13557	.18624	.17528	.00001
#1	512.25	504.74	519.55	514.31	5.0000
#2	506.79	505.71	518.18	513.04	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11953	--	--	--	--	--	--
SDev	3.110856	--	--	--	--	--	--
%RSD	.0260262	--	--	--	--	--	--
#1	11955	--	--	--	--	--	--
#2	11951	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 22:05:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3328	28.40	1.1041	6.649	.7303	.7728	37.09
SDev	.4343	2.75	.1781	.511	.1651	.1320	3.30
%RSD	130.5	9.675	16.131	7.687	22.60	17.08	8.898
#1	-.6399	30.34	1.2300	7.010	.8471	.8661	39.43
#2	-.0257	26.45	.97814	6.287	.6136	.6794	34.76
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2438	.2777	.9869	1.445	42.53	225.4	29.49
SDev	.0949	.1502	.1610	.013	7.39	4.0	.03
%RSD	38.94	54.09	16.31	.8880	17.37	1.795	.0965
#1	.3109	.3839	.8731	1.436	37.31	228.2	29.47
#2	.1766	.1715	1.101	1.454	47.76	222.5	29.51

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9402	3.052	-289.5	.2588	-.90461	-.49620	3.5720
SDev	.1139	.671	10.2	.1081	6.86914	.00735	.3348
%RSD	12.12	21.99	3.524	41.78	759.35	1.4810	9.3730
#1	1.021	2.577	-296.7	.1824	3.9526	-.50140	3.8087
#2	.8596	3.526	-282.3	.3353	Q-5.7618	-.49100	3.3353
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.556	2.512	-3.5883	1.265	.8966	-4.3101	1.4079
SDev	3.194	.235	4.1996	.130	.2852	.8469	.4338
%RSD	124.9	9.367	117.04	10.24	31.81	19.648	30.813
#1	-4.815	2.679	-6.5579	1.174	1.098	-3.7113	1.1011
#2	-.2980	2.346	-.61873	1.357	.6950	-4.9089	1.7146
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-1.3356	-.68945	2.6001	4.0572	5.0000		
SDev	14.8013	2.90900	2.2645	.6286	.0000		
%RSD	1108.2	421.93	87.091	15.493	.00000		
#1	9.1305	1.3675	4.2013	3.6128	5.0000		
#2	-11.802	-2.7464	.99888	4.5017	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12174	--	--	--	--	--	--
SDev	8.061294	--	--	--	--	--	--
%RSD	.0662148	--	--	--	--	--	--
#1	12180	--	--	--	--	--	--
#2	12169	--	--	--	--	--	--

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Method: TOTAL Sample Name: DPR3PRA SE10 Operator: MJC
Run Time: 11/21/00 22:12:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.28	4736.	24.690	-2.817	36.26	10.19	2330.
SDev	.25	11.	4.233	.524	.09	.10	7.
%RSD	1.286	.2342	17.144	18.60	.2526	.9988	.2852
#1	19.45	4728.	27.683	-2.447	36.33	10.26	2335.
#2	19.10	4744.	21.697	-3.188	36.20	10.12	2325.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.67	104.5	101.8	70.59	10180.	785.2	446.2
SDev	.13	.7	.1	.15	21.	3.2	.9
%RSD	1.240	.6997	.1117	.2139	.2024	.4020	.1957
#1	10.76	105.0	101.7	70.48	10200.	783.0	445.6
#2	10.58	104.0	101.9	70.69	10170.	787.4	446.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	79.40	1.669	749.8	85.66	8.5707	13.277	130.59
SDev	.24	.649	89.8	1.06	2.8649	.155	.69
%RSD	.3058	38.86	11.97	1.236	33.427	1.1701	.53021
#1	79.57	1.211	813.2	86.41	6.5449	13.387	130.10
#2	79.23	2.128	686.3	84.91	10.597	13.167	131.08
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.18	256.2	16.365	192.6	56.50	12.716	13.557
SDev	.18	13.3	3.187	.1	.35	.602	.068
%RSD	.9582	5.191	19.477	.0754	.6275	4.7367	.50014
#1	19.05	246.8	14.111	192.7	56.75	13.142	13.509
#2	19.31	265.6	18.619	192.5	56.25	12.290	13.605
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	10.806	7.4548	123.92	133.93	5.0000
SDev	4.116	2.2401	2.05	.01	.0000
%RSD	38.094	30.049	1.6543	.01096	.00000
#1	7.8953	5.8708	122.47	133.92	5.0000
#2	13.717	9.0388	125.37	133.94	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12463	--	--	--	--	--	--
SDev	17.53680	--	--	--	--	--	--
%RSD	.1407087	--	--	--	--	--	--
#1	12451	--	--	--	--	--	--
#2	12476	--	--	--	--	--	--

Method: TOTAL Sample Name: CRI CLP Operator: MJC
Run Time: 11/21/00 22:21:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.94	18.28	19.523	14.68	.2335	10.37	7.941
SDev	.13	.76	.543	.30	.0410	.02	.099
%RSD	.6345	4.135	2.7811	2.061	17.57	.1601	1.243
#1	19.85	18.81	19.907	14.89	.2045	10.38	8.011
#2	20.03	17.74	19.139	14.46	.2625	10.36	7.871
Errors	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	20.00		20.000			10.00	
Range	50.00		50.000			50.00	

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.50	102.9	20.06	51.60	12.64	223.6	-7.114
SDev	.00	.6	.03	.32	1.85	7.4	8.334
%RSD	.0031	.5885	.1634	.6168	14.62	3.314	117.2
#1	10.49	103.3	20.08	51.83	11.34	228.9	-1.221
#2	10.50	102.5	20.04	51.38	13.95	218.4	-13.01
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	10.00	100.0	20.00	50.00			
Range	50.00	50.00	50.00	50.00			

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.83	1.405	18.81	82.64	11.436	4.9288	132.84

SDev	.09	.339	35.58	.51	.010	1.4821	1.99
%RSD	.2821	24.13	189.2	.6178	.08888	30.071	1.5016
#1	30.77	1.844	-6.348	82.28	11.429	5.9768	134.25
#2	30.89	1.165	43.96	83.00	11.444	3.8808	131.43
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	30.00			80.00	10.000	6.0000	120.00
Range	50.00			50.00	50.000	50.000	50.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.026	-.0014	15.187	101.7	41.75	5.9457	4.4211
SDev	.237	.0000	.236	.2	.23	2.4481	.9999
%RSD	7.816	.0000	1.5533	.2153	.5530	41.175	22.615
#1	-2.859	-.0014	15.020	101.8	41.92	7.6768	5.1281
#2	-3.193	-.0014	15.354	101.5	41.59	4.2146	3.7141
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			20.000	100.0	40.00		
Range			50.000	50.00	50.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	14.598	9.8582	128.33	135.10	5.0000
SDev	5.020	2.5215	3.84	1.07	.0000
%RSD	34.390	25.578	2.9939	.79383	.00000
#1	18.148	8.0752	131.05	135.86	5.0000
#2	11.048	11.641	125.61	134.34	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12142	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.1514172	--	--	--	--	--	--
#1	12129	--	--	--	--	--	--
#2	12155	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSA Operator: MJC
Run Time: 11/21/00 22:29:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3062	486600.	.05050	17.71	1.933	.0714	472100.
SDev	.3554	420.	1.2649	.48	.006	.0020	707.

%RSD	116.1	.0863	2505.0	2.711	.3004	2.819	.1498
#1	.5575	486300.	-.84395	18.05	1.929	.0699	471600.
#2	.0548	486900.	.94495	17.37	1.937	.0728	472600.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	500000.	.00000		.0000	.0000	500000.
Range	10.00	100000.	10.000		200.0	5.000	100000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	Q5.015	5.039	-1.727	3.063	200900.	218.4	516800.
SDev	.175	.174	.459	.138	340.	.6	497.
%RSD	3.488	3.449	26.58	4.494	.1693	.2684	.0962
#1	Q5.139	4.916	-1.402	2.966	200700.	218.0	516300.
#2	4.891	5.162	-2.051	3.161	201200.	218.8	517000.
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	200000.	.0000	500000.
Range	5.000	50.00	10.00	25.00	40000.	5000.	100000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.866	.8065	-12.89	2.265	-.81126	-1.1368	2.1681
SDev	.094	.7179	143.10	.358	1.89647	.0373	6.0396
%RSD	.9511	89.03	1110.	15.80	233.77	3.2816	278.56
#1	9.799	1.314	-114.1	2.012	-2.1523	-1.1632	6.4387
#2	9.932	.2988	88.29	2.518	.52974	-1.1105	-2.1025
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.382	-6.876	-.93696	-1.870	14.81	-35.053	15.796
SDev	.028	.020	.39573	.344	.57	.310	.099
%RSD	2.024	.2871	42.235	18.41	3.862	.88501	.62641
#1	1.362	-6.862	-.65714	-1.627	15.21	-35.272	15.866
#2	1.401	-6.890	-1.2168	-2.114	14.41	-34.834	15.726
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-1.3067	-.56391	16.058	-4.7666	5.0000
SDev	13.7823	4.03754	2.177	7.9678	.0000
%RSD	1054.7	715.99	13.559	167.16	.00001
#1	-11.052	2.2911	17.598	.86742	5.0000
#2	8.4388	-3.4189	14.519	-10.401	5.0000

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11278	--	--	--	--	--	--
SDev	32.38535	--	--	--	--	--	--
%RSD	.2871424	--	--	--	--	--	--
#1	11301	--	--	--	--	--	--
#2	11256	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSAB4.0 Operator: MJC
Run Time: 11/21/00 22:35:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	208.2	484000.	103.67	1024.	516.9	502.0	470700.
SDev	.3	191.	1.53	4.	1.4	2.3	2182.
%RSD	.1325	.0395	1.4762	.3491	.2690	.4644	.4635
#1	208.0	484200.	104.75	1027.	517.9	503.6	472200.
#2	208.4	483900.	102.59	1022.	516.0	500.3	469100.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	200.0	500000.	100.00		500.0	500.0	500000.
Range	20.50	20.50	20.500		20.50	20.50	20.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	959.0	492.6	479.7	549.6	200100.	11970.	513300.
SDev	3.1	2.2	2.2	.4	918.	49.	2746.
%RSD	.3207	.4480	.4580	.0811	.4588	.4095	.5349
#1	961.1	494.2	481.2	549.9	200700.	11940.	515300.
#2	956.8	491.1	478.1	549.3	199400.	12010.	511400.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	467.7	985.4	11220.	948.9	47.854	47.001	654.61
SDev	2.0	1.9	47.	1.7	.639	.883	3.54
%RSD	.4277	.1970	.4191	.1771	1.3350	1.8787	.54035
#1	469.1	986.7	11260.	950.1	48.305	47.626	657.11
#2	466.3	984.0	11190.	947.7	47.402	46.377	652.11
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	50.000	50.000	600.00

Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1010.	-6.358	101.24	485.8	1046.	6.8002	67.072
SDev	8.	.735	8.21	2.4	2.	3.5831	3.113
%RSD	.7890	11.56	8.1105	.4931	.1458	52.691	4.6409
#1	1015.	-5.839	95.436	487.5	1047.	4.2666	69.273
#2	1004.	-6.878	107.05	484.1	1045.	9.3339	64.871
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			100.00	500.0	1000.		
Range			20.500	20.50	20.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	50.235	46.665	645.89	658.97	5.0000
SDev	2.230	.156	2.07	6.33	.0000
%RSD	4.4398	.33368	.31993	.96132	.00000
#1	51.812	46.555	644.43	663.45	5.0000
#2	48.658	46.775	647.35	654.49	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11230	--	--	--	--	--	--
SDev	63.35649	--	--	--	--	--	--
%RSD	.5641617	--	--	--	--	--	--
#1	11185	--	--	--	--	--	--
#2	11275	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/21/00 22:40:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1005.	26000.	504.62	5084.	2024.	2032.	51490.
SDev	2.	39.	2.24	1.	2.	1.	52.
%RSD	.1832	.1499	.44483	.0261	.0774	.0570	.1013
#1	1006.	26030.	503.03	5083.	2023.	2033.	51530.
#2	1003.	25970.	506.21	5085.	2025.	2031.	51450.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.7	2016.	2006.	2023.	25900.	54560.	50660.
SDev	.6	1.	1.	1.	6.	118.	138.
%RSD	.1127	.0688	.0352	.0455	.0233	.2154	.2725
#1	505.3	2017.	2005.	2023.	25910.	54480.	50760.
#2	506.1	2015.	2006.	2024.	25900.	54650.	50570.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2005.	2001.	50730.	1995.	500.26	501.18	515.16
SDev	.	3.	93.	1.	1.71	.18	2.16
%RSD	.0071	.1329	.1824	.0721	.34251	.03511	.41854
#1	2005.	2003.	50660.	1996.	501.48	501.05	513.64
#2	2005.	1999.	50790.	1994.	499.05	501.30	516.69
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5035.	5086.	1011.4	1999.	2027.	504.06	499.74
SDev	4.	2.	2.4	.	2.	.53	.00
%RSD	.0716	.0423	.23701	.0111	.0790	.10518	.00017
#1	5038.	5088.	1009.7	1999.	2028.	503.69	499.74
#2	5033.	5085.	1013.1	2000.	2026.	504.44	499.74
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	504.14	498.33	516.22	514.64	5.0000
SDev	4.68	.23	2.84	4.65	.0000
%RSD	.92838	.04661	.55051	.90381	.00000
#1	507.45	498.50	518.23	511.35	5.0000
#2	500.83	498.17	514.21	517.93	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12002	--	--	--	--	--	--
SDev	11.87926	--	--	--	--	--	--
%RSD	.0989789	--	--	--	--	--	--
#1	11993	--	--	--	--	--	--
#2	12010	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/21/00 22:46:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3920	69.37	.18445	6.461	.7010	.7100	69.57
SDev	.1739	13.89	1.7707	1.303	.1240	.0882	13.41
%RSD	44.36	20.02	960.01	20.16	17.69	12.42	19.28
#1	.2691	79.19	-1.0676	7.382	.7886	.7724	79.05
#2	.5150	59.55	1.4365	5.540	.6133	.6477	60.09
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000	.0000	.0000	.0000	.0000
Range	5.000	100.0	5.0000	100.0	10.00	3.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4109	.3315	.5361	1.241	30.16	226.9	63.97
SDev	.0463	.5242	.3709	.700	4.59	7.3	16.58
%RSD	11.26	158.1	69.19	56.43	15.24	3.220	25.92
#1	.4436	-.0392	.7983	1.737	33.40	232.0	75.69
#2	.3781	.7022	.2738	.7461	26.91	221.7	52.24
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	1.000	20.00	5.000	10.00	50.00	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6428	2.578	-231.6	-2.522	-2.1421	-1.2715	3.2374
SDev	.0379	1.335	92.1	.000	2.7213	.1749	1.4448
%RSD	5.893	51.79	39.77	.0000	127.04	13.757	44.627
#1	.6696	3.522	-166.5	-2.522	-4.0664	-1.3952	4.2590
#2	.6160	1.634	-296.7	-2.522	-.21789	-1.1478	2.2158
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	10.00	10.00	5000.	40.00	5.0000	3.0000	5.0000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.113	2.009	-3.0064	.8129	.9103	-1.7578	-1.0287
SDev	1.136	.948	5.5921	.1294	.0389	2.7000	1.0857
%RSD	53.76	47.20	186.01	15.92	4.270	153.60	105.55

#1	2.916	1.339	-6.9606	.9044	.9378	-3.6670	-.26096
#2	1.310	2.680	.94784	.7214	.8828	.15143	-1.7964
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000	.0000	.00000	.0000	.0000		
Range	100.0	50.00	10.000	20.00	20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	-.59876	-2.9127	1.3133	4.1980	5.0000		
SDev	.53360	3.8135	1.3739	1.4802	.0000		
%RSD	89.117	130.93	104.62	35.258	.00000		
#1	-.97607	-5.6092	2.2848	5.2447	5.0000		
#2	-.22145	-.21612	.34179	3.1514	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12177	--	--	--	--	--	--
SDev	3.677093	--	--	--	--	--	--
%RSD	.0301980	--	--	--	--	--	--
#1	12179	--	--	--	--	--	--
#2	12174	--	--	--	--	--	--

SCAL	STD 0K1266	ICSA	STD 0K1175
SCAL2	STD 0K1267	ICSAB	STD 0K1176
CRI	STD 0K1174	ICV	STD 0J1104
CLP CRI	STD 0J1054	CCV	STD 0K1238

ICSAB4.0 0J1148

STL North Canton ICP Data Review Checklist

Run/Project Information:

Run Date: 11-29-00 **Analyst:** KLC **Instrument:** I5

Prep Batches Run:

Cu/MnRatio: 0.29647577

Circle Methods used: 6010B / 200.7: CORP-MT-0001 Rev 2
CLP ILM03.0: CORP-MT-0002 Rev 1 ILM04.0
6010A/200.7: CORP-MT-0001NC, Rev 2

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels ?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits ? *(ICV: 6010B, CLP = 90 - 110%, 200.7 = 95 -105%) (CCV: 90 - 110%)*	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL or +/- CRDL (CLP) ?	✓			✓
4. High Std. (HCAL) reanalyzed before samples and recovered within QC limits ? (6010A/200.7 95-105%, CLP- N/A)			✓	
5. CRI run and recovered within QC limits ? (+/- 50% for non-CLP - 6010A only)	✓			✓
6. ICSA/ICSAB run at required frequency and within SOP limits ?	✓			✓
B. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed ?			✓	
2. All reported results bracketed by in control QC ?	✓			✓
3. Sample analyses done within holding time ?	✓			✓
C. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits ?	✓			✓
2. Method blank done per prep batch and < RL or CRDL (CLP) ?	✓			✓
3. MS/MSD run at required frequency and within limits ?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits ?	✓			✓
5. Serial dilution done per prep batch (or per SDG for CLP) ?	✓			✓
6. Post digest spike analyzed if required (CLP only) ?			✓	
D. Other				
1. Are all nonconformances documented appropriately ?	✓			✓
2. Current IDL/LR/IEC data on file ?	✓			✓
3. Calculations checked for error ?	✓			✓
4. Transcriptions checked for error ?	✓			✓
5. All client/project specific requirements met ?	✓			✓
6. Date/time of analysis verified as correct ?	✓			✓

Level I Analyst: Karen L. Counts **Date:** 11-29-00 **Time:** 07:31 - 10:23
Comments:

Level II Reviewer: [signature] **Date:** 11-29-00 **Time:** 0731 - 1023
Comments:

n:qaqc/lab_form/icpchk.doc
Revision 1.0, 08/25/00

Method: TOTAL Standard: STD1-Blank
Run Time: 11/29/00 07:31:32

Karen L. Counts

Elem	Ag	Al	As	B	Ba	Be	Ca
Avge	-.0032	.0520	-.00797	.0019	.0001	.0018	.0030
SDev	.0017	.0001	.00498	.0001	.0001	.0001	.0001
%RSD	51.60	.2656	62.437	3.044	141.4	5.991	2.044
#1	-.0021	.0521	-.01149	.0020	.0000	.0017	.0030
#2	-.0044	.0519	-.00445	.0019	.0002	.0019	.0029

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Avge	-.0040	-.0012	.0015	.0164	-.0007	.0224	.0011
SDev	.0014	.0006	.0002	.0004	.0005	.0044	.0007
%RSD	35.68	47.00	15.04	2.561	67.11	19.58	60.74
#1	-.0050	-.0008	.0017	.0161	-.0011	.0255	.0016
#2	-.0030	-.0016	.0013	.0167	-.0004	.0193	.0006

Elem	Mn	Mo	Na	Ni	Sn	Ti	Tl
Avge	.0007	.0000	.0014	.0000	.0009	.0000	-.01593
SDev	.0001	.0000	.0002	.0000	.0003	.0001	.00209
%RSD	7.285	.0000	15.87	.0000	35.50	141.4	13.145
#1	.0007	.0000	.0016	.0000	.0012	.0000	-.01445
#2	.0008	.0000	.0013	.0000	.0007	.0001	-.01741

Elem	V	Zn	2203\1	2203\2	1960\1	1960\2	2068/2
Avge	.0006	.0015	-.00252	.01628	-.02716	.01775	-.00035
SDev	.0004	.0006	.00803	.00806	.00726	.00917	.00028
%RSD	70.59	41.90	318.84	49.513	26.736	51.678	78.458
#1	.0003	.0010	.00316	.01058	-.02203	.02424	-.00016
#2	.0009	.0019	-.00819	.02198	-.03230	.01127	-.00055

Elem	2068/1	Y_3710
Avge	.00890	5.0000
SDev	.01237	.0000
%RSD	138.91	.00000
#1	.00016	5.0000
#2	.01765	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12680	--	--	--	--	--	--
SDev	20.08142	--	--	--	--	--	--
%RSD	.1583758	--	--	--	--	--	--
#1	12665	--	--	--	--	--	--
#2	12694	--	--	--	--	--	--

Method: TOTAL Standard: CALSTD
Run Time: 11/29/00 07:37:06

Elem	Ag	As	B	Ba	Be	Cd	Co
Avge	6.749	2.7852	2.118	5.515	10.09	14.32	3.012
SDev	.007	.0042	.001	.004	.00	.00	.000
%RSD	.1069	.15051	.0552	.0651	.0090	.0059	.0047
#1	6.754	2.7882	2.117	5.513	10.09	14.32	3.012
#2	6.744	2.7823	2.119	5.518	10.09	14.32	3.012

Elem	Cr	Cu	Mn	Mo	Ni	Sn	Ti
Avge	4.232	3.365	11.35	.6846	2.030	2.532	2.412
SDev	.001	.000	.02	.0011	.000	.004	.000
%RSD	.0142	.0147	.1968	.1641	.0200	.1755	.0127
#1	4.232	3.365	11.33	.6838	2.030	2.529	2.411
#2	4.232	3.364	11.37	.6854	2.031	2.535	2.412

Elem	Tl	V	Zn	2203\1	2203\2	1960\1	1960\2
Avge	3.2152	3.535	5.466	2.3377	6.7918	1.3929	1.5397
SDev	.0016	.000	.003	.0059	.0029	.0030	.0070
%RSD	.05098	.0069	.0565	.25272	.04315	.21660	.45309
#1	3.2140	3.535	5.463	2.3335	6.7897	1.3908	1.5446
#2	3.2164	3.534	5.468	2.3419	6.7939	1.3950	1.5347

Elem	2068/2	2068/1
Avge	.24976	2.8871
SDev	.00084	.0031
%RSD	.33662	.10636
#1	.25036	2.8893
#2	.24917	2.8849

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12240	--	--	--	--	--	--
SDev	9.758626	--	--	--	--	--	--
%RSD	.0797293	--	--	--	--	--	--
#1	12247	--	--	--	--	--	--
#2	12233	--	--	--	--	--	--

Method: TOTAL Standard: CAL 2
Run Time: 11/29/00 07:42:36

Elem	Al	Ca	Fe	K	Mg	Na
Avge	9.386	5.028	3.142	29.06	10.95	.9714
SDev	.004	.000	.001	.01	.00	.0005
%RSD	.0399	.0004	.0360	.0348	.0083	.0485
#1	9.384	5.028	3.143	29.06	10.95	.9717
#2	9.389	5.028	3.141	29.05	10.95	.9710

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12330	--	--	--	--	--	--
SDev	9.616376	--	--	--	--	--	--
%RSD	.0779892	--	--	--	--	--	--
#1	12324	--	--	--	--	--	--
#2	12337	--	--	--	--	--	--

Method: TOTAL Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag	328.068	CALSTD	STD1-Blank	296.272	.957618	11/29/00 07:42:36
Al	308.215	CAL 2	STD1-Blank	5356.66	-278.615	11/29/00 07:42:36
As	189.042	CALSTD	STD1-Blank	351.984	2.80513	11/29/00 07:42:36
B	249.678	CALSTD	STD1-Blank	4725.41	-9.13084	11/29/00 07:42:36
Ba	493.409	CALSTD	STD1-Blank	725.261	-.057135	11/29/00 07:42:36
Be	313.042	CALSTD	STD1-Blank	396.651	-.719466	11/29/00 07:42:36
Ca	317.933	CAL 2	STD1-Blank	19902.0	-58.8613	11/29/00 07:42:36
Cd	226.502	CALSTD	STD1-Blank	69.8407	.279616	11/29/00 07:42:36
Co	228.616	CALSTD	STD1-Blank	1327.94	1.57037	11/29/00 07:42:36
Cr	267.716	CALSTD	STD1-Blank	945.678	-1.41724	11/29/00 07:42:36
Cu	324.753	CALSTD	STD1-Blank	1194.67	-19.5974	11/29/00 07:42:36
Fe	271.441	CAL 2	STD1-Blank	15910.7	11.9272	11/29/00 07:42:36
K	766.491	CAL 2	STD1-Blank	.859072	.003209	11/29/00 07:42:36
Mg	279.078	CAL 2	STD1-Blank	9136.21	-10.0925	11/29/00 07:42:36
Mn	257.610	CALSTD	STD1-Blank	352.437	-.264043	11/29/00 07:42:36
Mo	202.030	CALSTD	STD1-Blank	5843.03	.000000	11/29/00 07:42:36
Na	330.232	CAL 2	STD1-Blank	1.04104	.000299	11/29/00 07:42:36
Ni	231.604	CALSTD	STD1-Blank	1970.21	.000000	11/29/00 07:42:36
Se	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Pb	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb	206.838	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sn	189.989	CALSTD	STD1-Blank	3950.40	-3.73972	11/29/00 07:42:36
Ti	334.941	CALSTD	STD1-Blank	4146.59	-.163331	11/29/00 07:42:36
Tl	190.864	CALSTD	STD1-Blank	622.691	9.91912	11/29/00 07:42:36
V	292.402	CALSTD	STD1-Blank	1130.10	-.712620	11/29/00 07:42:36
Zn	213.856	CALSTD	STD1-Blank	735.831	-1.07325	11/29/00 07:42:36
2203\1	220.351	CALSTD	STD1-Blank	429.162	1.08036	11/29/00 07:42:36
2203\2	220.352	CALSTD	STD1-Blank	147.004	-2.39316	11/29/00 07:42:36
1960\1	196.021	CALSTD	STD1-Blank	705.189	19.1557	11/29/00 07:42:36
1960\2	196.022	CALSTD	STD1-Blank	658.454	-11.6891	11/29/00 07:42:36
2068/2	206.832	CALSTD	STD1-Blank	3958.77	1.40410	11/29/00 07:42:36
2068/1	206.831	CALSTD	STD1-Blank	348.051	-3.09841	11/29/00 07:42:36
Y_3710	371.030	NONE	STD1-Blank	1.00000	.000000	*NOT STANDARDIZED

Method: TOTAL Sample Name: ICV Operator: MJB
Run Time: 11/29/00 07:46:37
Comment:
Mode: CONC Corr. Factor: 1

VOID 200.7 ✓

Elem	Ag	Al	As	B ✓	Ba	Be ✓	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	500.8	12670.	255.93	Q1093.	1007.	Q1056.	25820.
SDev	2.3	32.	.82	6.	4.	8.	173.

%RSD	.4586	.2514	.32160	.5188	.3782	.7239	.6691
#1	502.4	12690.	256.51	Q1097.	1010.	Q1061.	25940.
#2	499.2	12650.	255.35	Q1089.	1004.	1050.	25700.
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Pass
Value	500.0	12500.	250.00	1000.	1000.	1000.	25000.
Range	5.450	5.450	5.4500	5.450	5.450	5.450	5.450
Elem	Cd	Co	Cr	Cu	Fe ↓	K ↓	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	253.1	1011.	1022.	1004.	Q13210.	Q26540.	24300.
SDev	1.5	6.	7.	5.	106.	80.	154.
%RSD	.6014	.5870	.6860	.4551	.8008	.2999	.6319
#1	254.1	1016.	1027.	1007.	Q13280.	Q26490.	24410.
#2	252.0	1007.	1017.	1001.	13130.	Q26600.	24190.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass
Value	250.0	1000.	1000.	1000.	12500.	25000.	25000.
Range	5.450	5.450	5.450	5.450	5.450	5.450	5.450
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1044.	1013.	24990.	1031.	254.03	253.45	260.35
SDev	6.	6.	40.	7.	2.65	2.55	3.22
%RSD	.5278	.6195	.1593	.7176	1.0429	1.0044	1.2367
#1	1047.	1018.	25020.	1036.	255.90	255.25	262.63
#2	1040.	1009.	24960.	1026.	252.15	251.65	258.08
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	1000.	25000.	1000.	250.00	250.00	250.00
Range	5.450	5.450	5.450	5.450	5.4500	5.4500	5.4500
Elem	Sn	Ti ↓	Tl ↓	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	954.8	Q1058.	Q529.00	1018.	1045.	254.25	253.05
SDev	3.6	7.	4.27	6.	9.	1.72	2.96
%RSD	.3822	.6406	.80636	.5908	.8256	.67479	1.1697
#1	957.3	Q1063.	Q532.01	1023.	1051.	255.47	255.15
#2	952.2	1054.	525.98	1014.	1039.	253.04	250.96
Errors	QC Pass	QC Fail	QC Fail	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1000.	1000.	500.00	1000.	1000.		
Range	5.450	5.450	5.4500	5.450	5.450		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	260.48	250.80	256.49	262.28	5.0000		
SDev	5.02	1.47	.62	4.52	.0000		
%RSD	1.9269	.58461	.24090	1.7229	.00000		
#1	264.03	251.84	256.92	265.48	5.0000		
#2	256.93	249.77	256.05	259.09	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12449	--	--	--	--	--	--
SDev	85.27749	--	--	--	--	--	--
%RSD	.6850093	--	--	--	--	--	--
#1	12389	--	--	--	--	--	--
#2	12509	--	--	--	--	--	--

Method: TOTAL Sample Name: ICB Operator: MJB
Run Time: 11/29/00 07:52:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.087	13.09	.84319	6.285	.3755	.3534	16.36
SDev	.150	3.38	.73122	1.036	.2033	.0875	3.23
%RSD	13.82	25.84	86.722	16.49	54.13	24.75	19.72
#1	.9811	15.48	.32613	7.017	.5192	.4153	18.64
#2	1.194	10.70	1.3602	5.552	.2318	.2916	14.08
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000	.0000	.0000	.0000	.0000
Range	5.000	100.0	5.0000	100.0	10.00	3.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1290	.9355	.4255	.6973	16.99	225.2	23.00
SDev	.2068	.5986	.9014	.4333	12.55	10.2	10.85
%RSD	160.3	63.99	211.9	62.13	73.86	4.510	47.20
#1	.0172	1.359	1.063	1.004	8.115	232.4	15.32
#2	-.2752	.5122	-.2119	.3910	25.86	218.0	30.67
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	1.000	20.00	5.000	10.00	50.00	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4086	2.322	-141.9	1.645	-.80275	-2.0187	-1.0580
SDev	.0009	3.283	102.1	1.216	1.72978	.6910	2.8183
%RSD	.2112	141.4	71.95	73.95	215.48	34.230	266.39
#1	.4080	4.644	-69.73	2.505	-2.0259	-2.5073	-3.0509
#2	.4092	.0003	-214.2	.7848	.42039	-1.5301	.93488
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000

Range	10.00	10.00	5000.	40.00	5.0000	3.0000	5.0000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.065	.4957	-.02008	.7298	.0285	-.04153	-3.0058
SDev	3.127	.9321	4.39745	.5058	.4080	4.27585	3.1707
%RSD	61.75	188.0	21904.	69.30	1431.	10295.	105.49
#1	2.853	1.155	3.0894	.3722	.3170	2.9819	-5.2478
#2	7.276	-.1633	-3.1295	1.087	-.2600	-3.0850	-.76376
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000	.0000	.00000	.0000	.0000		
Range	100.0	50.00	10.000	20.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	2.5152	-2.4592	-.14869	-1.5119	5.0000
SDev	4.1949	4.6877	1.30616	3.5733	.0000
%RSD	166.78	190.62	878.43	236.34	.00000
#1	5.4815	-5.7739	-1.0723	-4.0387	5.0000
#2	-.45104	.85545	.77490	1.0148	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12567	--	--	--	--	--	--
SDev	22.20274	--	--	--	--	--	--
%RSD	.1766707	--	--	--	--	--	--
#1	12583	--	--	--	--	--	--
#2	12552	--	--	--	--	--	--

Method: TOTAL Sample Name: CRI Operator: MJC
Run Time: 11/29/00 07:57:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.95	103.5	10.232	400.5	19.37	10.15	10300.
SDev	.27	2.6	2.007	2.7	.01	.04	63.
%RSD	2.508	2.540	19.612	.6668	.0305	.4029	.6116
#1	11.15	101.6	8.8127	398.6	19.37	10.18	10260.
#2	10.76	105.4	11.651	402.4	19.38	10.13	10350.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.00	100.0	10.000	400.0	20.00	10.00	10000.
Range	50.00	50.00	50.000	50.00	50.00	50.00	50.00

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.944	39.80	10.60	19.96	97.84	10620.	9551.
SDev	.015	.48	.27	.30	15.77	24.	65.
%RSD	.7848	1.196	2.545	1.481	16.12	.2295	.6841
#1	1.933	39.46	10.41	20.17	86.69	10600.	9505.
#2	1.955	40.14	10.79	19.75	109.0	10640.	9598.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.000	40.00	10.00	20.00	100.0	10000.	10000.
Range	50.00	50.00	50.00	50.00	50.00	50.00	50.00

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.84	23.51	10170.	78.54	9.8839	5.7188	5.3362
SDev	.13	.11	127.	.47	2.8312	.6377	2.0573
%RSD	.6613	.4558	1.248	.5978	28.644	11.152	38.555
#1	19.74	23.43	10080.	78.21	7.8819	5.2678	Q3.8814
#2	19.93	23.58	10260.	78.87	11.886	6.1697	6.7910
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	20.00	10000.	80.00	10.000	6.0000	10.000
Range	50.00	50.00	50.00	50.00	50.000	50.000	50.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	200.1	109.1	24.970	37.65	39.39	12.113	2.5266
SDev	.7	.3	3.156	.88	.10	2.417	2.1630
%RSD	.3513	.2396	12.640	2.341	.2489	19.958	85.609
#1	199.6	108.9	27.202	37.02	39.33	13.822	.99715
#2	200.6	109.3	22.738	38.27	39.46	10.403	4.0561
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	200.0	100.0	20.000	40.00	40.00		
Range	50.00	50.00	50.000	50.00	50.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	17.339	6.1621	12.210	1.9046	5.0000
SDev	.153	4.1683	.178	3.1731	.0000
%RSD	.88252	67.644	1.4539	166.60	.00000
#1	17.231	3.2147	12.335	-.33915	5.0000
#2	17.447	9.1095	12.084	4.1483	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12430	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.4551115	--	--	--	--	--	--
#1	12470	--	--	--	--	--	--
#2	12390	--	--	--	--	--	--

Method: TOTAL Sample Name: CRI CLP Operator: MJC
Run Time: 11/29/00 08:06:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.77	15.31	20.199	18.85	.4135	10.76	10.57
SDev	.30	2.70	2.132	.08	.0014	.06	2.49
%RSD	1.373	17.65	10.555	.4342	.3330	.5234	23.53
#1	21.98	17.22	21.707	18.91	.4145	10.80	12.32
#2	21.56	13.40	18.692	18.79	.4126	10.72	8.807
Errors	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	20.00		20.000			10.00	
Range	50.00		50.000			50.00	

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.65	106.6	21.12	52.64	16.45	216.8	2.950
SDev	.14	.8	.72	.07	4.57	12.3	6.851
%RSD	1.293	.7167	3.394	.1411	27.80	5.678	232.2
#1	10.75	107.1	21.63	52.69	19.89	225.5	7.795
#2	10.56	106.0	20.61	52.59	13.22	208.1	-1.894
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	10.00	100.0	20.00	50.00			
Range	50.00	50.00	50.00	50.00			

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32.53	3.792	-83.29	88.15	10.803	5.9376	129.39
SDev	.03	.011	29.40	1.95	.377	.3053	.33
%RSD	.0783	.2937	35.30	2.216	3.4914	5.1425	.25530
#1	32.51	3.800	-62.50	89.53	10.536	6.1535	129.16
#2	32.55	3.784	-104.1	86.77	11.070	5.7217	129.62
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	30.00			80.00	10.000	6.0000	120.00
Range	50.00			50.00	50.000	50.000	50.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.308	.1731	20.939	104.4	43.38	12.628	2.5975
SDev	1.792	.0010	6.897	.4	.05	1.681	.3815
%RSD	54.18	.5687	32.940	.3565	.1083	13.312	14.687

#1	2.041	.1737	16.062	104.7	43.35	13.817	2.3277
#2	4.575	.1724	25.816	104.1	43.41	11.439	2.8672
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			20.000	100.0	40.00		
Range			50.000	50.00	50.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	18.912	6.7544	130.94	128.61	5.0000		
SDev	2.832	.8484	1.28	1.14	.0000		
%RSD	14.975	12.561	.97981	.88309	.00000		
#1	16.910	7.3543	131.85	127.81	5.0000		
#2	20.915	6.1545	130.03	129.42	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
Value							
Range							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12327	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.2925461	--	--	--	--	--	--
#1	12302	--	--	--	--	--	--
#2	12353	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSA Operator: MJR
Run Time: 11/29/00 08:14:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.184	475300.	1.9744	48.17	2.111	.1449	469000.
SDev	.393	1218.	.7550	1.19	.002	.0247	716.
%RSD	33.23	.2559	38.238	2.586	.0968	17.04	.1527
#1	1.463	474400.	2.5082	45.33	2.110	.1275	468500.
#2	.9060	476100.	1.4405	47.01	2.113	.1624	469500.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	500000.	.00000	.0000	.0000	.0000	500000.
Range	5.000	100000.	5.0000	100.0	20.00	4.000	100000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0358	5.596	-1.015	2.954	200200.	212.8	514400.
SDev	.0385	.237	.285	.165	284.	9.4	651.
%RSD	107.6	4.232	28.10	5.595	.1418	4.428	.1265
#1	-.0630	5.764	-.8133	2.837	200000.	219.5	513900.
#2	-.0086	5.429	-1.217	3.071	200400.	206.1	514800.

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	200000.	.0000	500000.
Range	2.000	50.00	5.000	10.00	40000.	5000.	100000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.402	2.751	21.29	4.796	2.9276	-3.1447	-3.2311
SDev	.026	1.062	115.0	.114	7.1546	.4837	2.7830
%RSD	.3518	38.62	540.1	2.387	244.39	15.381	86.133
#1	7.384	2.000	102.6	4.877	-2.1315	-2.8027	Q-5.1990
#2	7.420	3.502	-60.01	4.715	7.9867	-3.4867	-1.2632

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	10.00	10.00	5000.	40.00	10.000	6.0000	5.0000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.360	-6.185	9.7701	-2.026	16.45	-35.908	13.212
SDev	1.917	.006	2.9527	.339	.00	5.938	2.239
%RSD	43.96	.0917	30.222	16.74	.0288	16.537	16.949
#1	3.005	-6.181	Q11.858	-2.266	16.46	-31.709	11.629
#2	5.715	-6.189	7.6822	-1.786	16.45	-40.106	14.796

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000	.0000	.00000	.0000	.0000		
Range	100.0	50.00	10.000	50.00	20.00		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	17.356	-4.2759	17.982	-13.822	5.0000		
SDev	8.352	6.5569	2.185	3.082	.0000		
%RSD	48.120	153.35	12.149	22.296	.00001		
#1	11.451	-8.9124	16.437	-16.001	5.0000		
#2	23.262	.36052	19.527	-11.643	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11707	--	--	--	--	--	--
SDev	11.03128	--	--	--	--	--	--
%RSD	.0942297	--	--	--	--	--	--
#1	11715	--	--	--	--	--	--
#2	11699	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSAB4.0 Operator: MJC
Run Time: 11/29/00 08:20:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.6	480800.	103.94	1061.	536.9	519.5	477200.
SDev	.9	1400.	1.90	5.	1.2	.8	745.
%RSD	.4067	.2912	1.8291	.4769	.2190	.1513	.1561
#1	214.0	479800.	102.60	1057.	536.0	519.0	476600.
#2	215.2	481800.	105.29	1064.	537.7	520.1	477700.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	200.0	500000.	100.00		500.0	500.0	500000.
Range	20.50	20.50	20.500		20.50	20.50	20.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	973.6	508.2	494.3	565.2	203000.	Q12280.	521000.
SDev	1.4	.2	1.0	1.6	415.	53.	139.
%RSD	.1429	.0311	.2007	.2793	.2044	.4334	.0266
#1	972.6	508.1	493.6	564.1	202700.	Q12240.	520900.
#2	974.6	508.4	495.0	566.3	203300.	Q12320.	521100.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	490.8	1012.	11200.	986.9	51.512	48.474	661.81
SDev	1.1	1.	31.	2.1	1.775	1.902	1.59
%RSD	.2301	.0602	.2727	.2172	3.4466	3.9241	.24063
#1	490.0	1012.	11180.	985.3	50.256	49.819	660.69
#2	491.6	1012.	11220.	988.4	52.767	47.129	662.94
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	50.000	50.000	600.00
Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1050.	-5.893	100.73	500.4	1088.	14.246	65.563
SDev	2.	.005	3.77	.7	4.	3.408	4.553
%RSD	.2335	.0926	3.7393	.1355	.3553	23.922	6.9448
#1	1048.	-5.889	98.064	499.9	1085.	11.836	68.782
#2	1051.	-5.897	103.39	500.9	1091.	16.655	62.343
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			100.00	500.0	1000.		
Range			20.500	20.50	20.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	52.768	50.884	663.84	660.80	5.0000
SDev	8.312	1.488	.33	2.55	.0000
%RSD	15.751	2.9239	.05012	.38646	.00001
#1	46.891	51.936	664.07	659.00	5.0000
#2	58.645	49.832	663.60	662.61	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11579	--	--	--	--	--	--
SDev	11.03059	--	--	--	--	--	--
%RSD	.0952605	--	--	--	--	--	--
#1	11587	--	--	--	--	--	--
#2	11572	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSAB Operator: MJC
Run Time: 11/29/00 08:25:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1033.	473900.	1002.6	1093.	528.5	513.2	467200.
SDev	2.	448.	2.9	1.	.2	1.4	1430.
%RSD	.1675	.0945	.28765	.0894	.0363	.2721	.3061
#1	1035.	474300.	1004.7	1092.	528.7	514.2	468200.
#2	1032.	473600.	1000.6	1094.	528.4	512.2	466200.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	500000.	1000.0	1000.	500.0	500.0	500000.
Range	20.50	20.50	20.500	20.50	20.50	20.50	20.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	993.1	491.8	486.4	556.2	198800.	Q12210.	511400.
SDev	1.7	2.4	2.3	.3	436.	27.	2522.
%RSD	.1707	.4910	.4824	.0517	.2191	.2239	.4931
#1	994.3	493.5	488.1	556.0	199200.	Q12190.	513200.
#2	991.9	490.1	484.7	556.4	198500.	Q12230.	509600.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	523.6	996.6	10580.	961.7	1000.8	974.40	1069.5

SDev	1.0	1.5	34.	3.4	.6	2.34	2.3
%RSD	.1862	.1497	.3229	.3529	.06147	.23997	.21070
#1	524.3	997.6	10600.	964.1	1001.3	976.06	1067.9
#2	522.9	995.5	10550.	959.3	1000.4	972.75	1071.1
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	1000.0	1000.0	1000.0
Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1026.	1076.	973.15	493.2	1070.	934.51	994.32
SDev	5.	1.	11.40	1.6	2.	4.18	1.42
%RSD	.5126	.1173	1.1712	.3152	.2279	.44708	.14278
#1	1022.	1077.	965.09	494.3	1072.	937.46	995.33
#2	1030.	1075.	981.21	492.1	1069.	931.55	993.32
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1000.	1000.	1000.0	500.0	1000.		
Range	20.50	20.50	20.500	20.50	20.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	1010.4	996.02	1050.0	1079.2	5.0000
SDev	1.4	.25	.2	3.3	.0000
%RSD	.13415	.02466	.01917	.30374	.00000
#1	1011.4	996.19	1049.9	1076.9	5.0000
#2	1009.5	995.85	1050.1	1081.5	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11641	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.3280054	--	--	--	--	--	--
#1	11614	--	--	--	--	--	--
#2	11668	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/29/00 08:31:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1019.	25930.	511.59	5218.	2078.	2085.	52260.
SDev	4.	46.	1.50	27.	5.	9.	110.

%RSD	.3868	.1789	.29274	.5268	.2590	.4535	.2106
#1	1016.	25960.	510.53	5198.	2075.	2079.	52180.
#2	1022.	25890.	512.65	5237.	2082.	2092.	52340.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.9	2065.	2055.	2047.	26110.	53870.	51310.
SDev	1.9	11.	8.	7.	68.	19.	16.
%RSD	.3772	.5221	.4069	.3353	.2590	.0353	.0311
#1	509.5	2057.	2049.	2042.	26060.	53890.	51300.
#2	512.3	2072.	2061.	2052.	26160.	53860.	51330.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2104.	2039.	49970.	2061.	513.01	509.74	521.59
SDev	10.	14.	85.	8.	5.46	4.14	.44
%RSD	.4578	.6987	.1704	.3745	1.0645	.81125	.08428
#1	2097.	2029.	49910.	2055.	509.15	506.82	521.28
#2	2111.	2049.	50030.	2066.	516.87	512.67	521.90
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5141.	5201.	1014.5	2044.	2082.	510.91	509.16
SDev	14.	19.	3.4	8.	10.	4.15	4.13
%RSD	.2752	.3580	.33215	.3893	.4674	.81174	.81100
#1	5131.	5188.	1016.8	2038.	2075.	507.98	506.24
#2	5151.	5214.	1012.1	2049.	2089.	513.84	512.08
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	516.94	511.05	524.71	520.03	5.0000		
SDev	10.03	3.18	.88	1.10	.0000		
%RSD	1.9405	.62215	.16823	.21148	.00000		
#1	509.85	508.80	525.33	519.26	5.0000		
#2	524.03	513.29	524.08	520.81	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12290	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.3854760	--	--	--	--	--	--
#1	12324	--	--	--	--	--	--
#2	12257	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/29/00 08:36:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.032	69.99	.68723	8.264	.5882	.5641	70.73
SDev	.780	17.48	.62234	.719	.0796	.1295	16.39
%RSD	75.63	24.98	90.558	8.700	13.53	22.96	23.18
#1	.4799	82.35	.24717	8.772	.6444	.6556	82.32
#2	1.583	57.63	1.1273	7.756	.5319	.4725	59.13
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2990	1.088	.9930	1.086	13.25	219.2	63.43
SDev	.1259	.377	.0415	.300	16.38	5.5	11.63
%RSD	42.10	34.68	4.174	27.63	123.6	2.532	18.34
#1	.3880	.8211	1.022	1.298	1.666	223.1	71.66
#2	.2100	1.355	.9637	.8739	24.84	215.3	55.21
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4056	4.018	-164.5	.0000	1.3618	-1.6907	-3.8941
SDev	.0574	.313	10.7	.0000	1.2500	.1057	1.3930
%RSD	14.14	7.786	6.475	.0000	91.788	6.2514	35.772
#1	.4462	4.239	-172.1	.0000	2.2457	-1.7655	-4.8791
#2	.3650	3.797	-157.0	.0000	.47795	-1.6160	-2.9091
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000

Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8618	1.346	3.7596	-.5217	.5896	6.8356	-5.9475
SDev	.4673	.229	3.4930	.7759	.3298	2.5638	1.4385
%RSD	54.22	17.03	92.908	148.7	55.95	37.507	24.186
#1	-1.192	1.508	1.2897	-1.070	.8228	8.6485	-6.9846
#2	-.5313	1.184	6.2295	.0269	.3563	5.0227	-4.9304
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	9.6799	-2.7910	5.6027	-8.6354	5.0000
SDev	1.7439	1.0034	.4339	2.3051	.0000
%RSD	18.015	35.951	7.7437	26.693	.00000
#1	10.913	-2.0815	5.9095	-10.265	5.0000
#2	8.4468	-3.5005	5.2959	-7.0055	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12359	--	--	--	--	--	--
SDev	65.47850	--	--	--	--	--	--
%RSD	.5297999	--	--	--	--	--	--
#1	12405	--	--	--	--	--	--
#2	12313	--	--	--	--	--	--

Method: TOTAL Sample Name: PBS2 SDG OK04153 Operator: MJC
Run Time: 11/29/00 08:42:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.041	72.91	-.15932	-.0018	1.111	.5258	206.3
SDev	.253	24.55	.41580	1.6430	.251	.2748	33.7
%RSD	24.31	33.67	260.98	92100.	22.64	52.25	16.34
#1	1.220	90.27	.13469	1.160	1.288	.7201	230.1
#2	.8623	55.55	-.45333	-1.164	.9328	.3315	182.4
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2167	.9295	2.083	2.659	38.83	238.6	81.13
SDev	.0209	.4510	.312	.819	16.37	3.4	31.49
%RSD	9.626	48.51	14.96	30.81	42.15	1.422	38.81
#1	.2315	1.248	1.863	3.238	50.40	236.2	103.4
#2	.2020	.6106	2.303	2.080	27.26	241.0	58.86
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.792	2.357	272.4	1.905	-.56092	-.37334	-1.8363
SDev	.267	3.333	19.9	1.576	.82608	.94410	.2623
%RSD	14.90	141.4	7.311	82.71	147.27	252.88	14.283
#1	1.980	4.713	258.3	3.019	.02321	.29424	-2.0217
#2	1.603	.0003	286.5	.7909	-1.1450	-1.0409	-1.6508
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000
Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.773	.5056	-2.0286	.1551	6.491	4.9892	-3.0506
SDev	2.451	.9460	.4922	.7150	.684	1.1487	1.9890
%RSD	88.40	187.1	24.263	460.8	10.54	23.025	65.200
#1	1.040	1.174	-1.6806	.6607	6.975	4.1769	-1.6442
#2	4.507	-.1633	-2.3767	-.3504	6.007	5.8015	-4.4570
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	-1.2746	-.20459	1.7337	-3.6185	5.0000
SDev	1.4301	1.95246	.4130	.1870	.0000
%RSD	112.19	954.32	23.824	5.1679	.00000
#1	-2.2858	1.1760	1.4416	-3.7508	5.0000
#2	-.26344	-1.5852	2.0257	-3.4863	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12427	--	--	--	--	--	--
SDev	40.44665	--	--	--	--	--	--
%RSD	.3254844	--	--	--	--	--	--
#1	12398	--	--	--	--	--	--
#2	12455	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSS2 Operator: MJC
Run Time: 11/29/00 08:48:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	414.9	25310.	869.74	231.0	788.8	222.4	55500.
SDev	.3	26.	1.89	.4	.6	.2	111.
%RSD	.0652	.1008	.21732	.1839	.0703	.0724	.2002
#1	414.7	25290.	868.40	230.7	788.4	222.6	55580.
#2	415.1	25330.	871.08	231.3	789.2	222.3	55420.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	585.0	61500.	1165.0	371.5	1090.	274.0	68000.
Low	335.0	21000.	690.00	149.0	685.0	176.5	39200.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.0	1033.	680.0	439.1	43160.	16300.	10770.
SDev	.7	2.	.1	.2	67.	12.	10.
%RSD	.2167	.1782	.0195	.0442	.1553	.0764	.0943
#1	313.4	1035.	679.9	439.2	43210.	16310.	10780.
#2	312.5	1032.	680.0	438.9	43110.	16290.	10760.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	393.5	1275.	855.0	545.0	89500.	22700.	17150.
Low	246.0	840.0	570.0	379.5	37350.	13100.	10350.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1774.	228.3	4514.	371.8	743.10	626.76	86.680
SDev	.	.6	23.	1.7	1.22	1.16	1.721
%RSD	.0190	.2426	.5179	.4555	.16414	.18573	1.9860
#1	1774.	227.9	4498.	373.0	742.24	627.59	85.462
#2	1774.	228.7	4531.	370.7	743.97	625.94	87.897
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2325.		6750.	453.5	940.00	740.00	340.50
Low	1555.		3460.	291.5	555.00	454.50	10.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	388.7	841.6	409.77	772.5	1307.	626.76	626.76
SDev	4.7	.1	5.89	1.0	1.	3.75	.12
%RSD	1.203	.0125	1.4385	.1291	.0433	.59762	.01991

#1	385.3	841.5	405.60	771.8	1307.	629.41	626.67
#2	392.0	841.6	413.94	773.2	1308.	624.11	626.85
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	560.0	1885.	575.00	1140.	1675.		
Low	281.0	293.0	230.00	590.0	1055.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	745.01	742.16	94.588	82.731	5.0000		
SDev	5.50	.92	.843	2.160	.0000		
%RSD	.73869	.12381	.89094	2.6110	.00000		
#1	741.11	742.81	93.992	81.204	5.0000		
#2	748.90	741.51	95.184	84.259	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12695	--	--	--	--	--	--
SDev	5.373735	--	--	--	--	--	--
%RSD	.0423295	--	--	--	--	--	--
#1	12691	--	--	--	--	--	--
#2	12699	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5 Operator: MJC
Run Time: 11/29/00 08:56:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.334	39320.	55.992	50.53	338.1	1.932	77390.
SDev	.303	83.	1.151	.88	.4	.003	96.
%RSD	22.69	.2104	2.0561	1.743	.1049	.1707	.1235
#1	1.120	39270.	56.806	49.91	337.8	1.929	77320.
#2	1.548	39380.	55.178	51.15	338.3	1.934	77460.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9011	48.87	74.98	172.6	267600.	5077.	39480.
SDev	.0287	.74	.49	.0	301.	1.	63.
%RSD	3.189	1.512	.6549	.0126	.1124	.0256	.1608
#1	.9214	48.34	75.33	172.7	267300.	5077.	39430.
#2	.8808	49.39	74.64	172.6	267800.	5076.	39520.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3413.	12.75	83.66	105.7	7.9097	450.51	18.862
SDev	6.	.98	212.6	.2	1.3061	2.15	.960
%RSD	.1644	7.670	254.1	.1876	16.512	.47624	5.0900
#1	3409.	13.44	234.0	105.9	6.9861	448.99	18.183
#2	3417.	12.05	-66.68	105.6	8.8332	452.02	19.541

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	80.50	588.5	1.9099	97.73	519.5	448.02	451.75
SDev	.56	.8	.4023	.77	1.4	2.02	2.21
%RSD	.6916	.1293	21.063	.7853	.2755	.45170	.48840
#1	80.10	588.0	2.1944	97.19	518.5	446.59	450.19
#2	80.89	589.1	1.6255	98.27	520.5	449.45	453.31

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	10.913	6.4101	40.430	8.0942	5.0000		
SDev	4.424	.2503	5.876	1.4941	.0000		
%RSD	40.534	3.9052	14.533	18.459	.00000		
#1	7.7854	6.5871	36.275	9.1507	5.0000		
#2	14.041	6.2331	44.585	7.0377	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12474	--	--	--	--	--	--
SDev	16.12190	--	--	--	--	--	--
%RSD	.1292399	--	--	--	--	--	--
#1	12486	--	--	--	--	--	--
#2	12463	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5L Operator: MJC
Run Time: 11/29/00 09:01:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9167	8047.	12.037	8.637	68.68	.4312	16110.
SDev	.7790	25.	1.945	.324	.21	.0035	90.
%RSD	84.98	.3159	16.159	3.756	.3056	.8148	.5607
#1	.3658	8029.	13.412	8.408	68.53	.4287	16050.
#2	1.468	8065.	10.661	8.867	68.82	.4337	16180.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1566	10.64	16.03	34.94	55690.	1075.	8069.
SDev	.1799	.26	.32	.24	245.	11.	34.
%RSD	114.8	2.399	2.019	.6728	.4392	.9774	.4158
#1	-.0294	10.46	15.80	34.77	55520.	1068.	8046.
#2	-.2839	10.82	16.26	35.11	55870.	1083.	8093.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	712.5	4.808	-198.0	23.98	1.2875	92.239	1.1494
SDev	2.9	.653	114.3	1.31	2.0010	1.369	1.0582
%RSD	.4013	13.58	57.71	5.473	155.42	1.4847	92.066
#1	710.5	5.270	-278.8	23.05	2.7024	91.270	1.8977
#2	714.5	4.347	-117.2	24.91	-.12744	93.207	.40114
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.81	120.0	-1.3265	19.74	109.7	98.092	89.316
SDev	.37	1.1	2.2843	.06	.9	1.492	1.308
%RSD	1.713	.8983	172.21	.3010	.8308	1.5209	1.4648
#1	22.08	119.3	-2.9417	19.70	109.0	97.037	88.391
#2	21.55	120.8	.28880	19.79	110.3	99.147	90.241
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	3.9787	-.05613	10.561	-3.5494	5.0000
SDev	1.2926	2.35467	.702	1.9369	.0000
%RSD	32.487	4195.0	6.6457	54.571	.00000
#1	4.8927	1.6089	10.065	-2.1797	5.0000
#2	3.0647	-1.7211	11.057	-4.9190	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12367	--	--	--	--	--	--
SDev	37.75978	--	--	--	--	--	--
%RSD	.3053293	--	--	--	--	--	--
#1	12394	--	--	--	--	--	--
#2	12340	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5D Operator: MJC
Run Time: 11/29/00 09:07:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.030	38790.	53.299	43.57	329.1	1.759	64940.
SDev	.501	16.	1.582	.01	.0	.000	59.
%RSD	48.61	.0409	2.9688	.0136	.0113	.0108	.0907
#1	.6762	38780.	54.418	43.58	329.1	1.759	64980.
#2	1.385	38800.	52.180	43.57	329.1	1.758	64900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4575	43.44	74.45	188.8	202400.	5115.	35320.
SDev	.1029	.59	.58	.3	198.	7.	26.
%RSD	22.48	1.367	.7755	.1548	.0976	.1362	.0725
#1	.5302	43.02	74.04	189.0	202600.	5110.	35340.
#2	.3848	43.86	74.86	188.6	202300.	5120.	35310.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2599.	11.10	-62.36	108.5	5.6992	633.03	62.503

SDev	2.	1.65	65.31	.9	.3204	.66	4.504
%RSD	.0684	14.85	104.7	.8299	5.6225	.10365	7.2064
#1	2601.	12.27	-108.5	109.1	5.9257	633.50	65.688
#2	2598.	9.936	-16.18	107.8	5.4726	632.57	59.318
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	253.7	649.0	.76887	90.66	447.9	627.78	635.65
SDev	6.2	.5	3.0787	.45	.1	3.00	2.48
%RSD	2.445	.0833	400.42	.5006	.0328	.47812	.39050
#1	249.3	649.3	-1.4081	90.98	448.0	625.66	637.41
#2	258.1	648.6	2.9459	90.34	447.8	629.90	633.90
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	9.9553	3.5743	75.447	56.040	5.0000
SDev	4.4812	2.7177	.632	7.068	.0000
%RSD	45.013	76.034	.83740	12.613	.00000
#1	6.7866	5.4960	75.001	61.038	5.0000
#2	13.124	1.6526	75.894	51.042	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12552	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0112665	--	--	--	--	--	--
#1	12551	--	--	--	--	--	--
#2	12553	--	--	--	--	--	--

Method: TOTAL Sample Name: DPJF5ST Operator: MJC
Run Time: 11/29/00 09:13:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.250	33300.	82.076	49.45	301.4	1.576	170800.
SDev	.274	12.	.464	1.29	.2	.076	838.

%RSD	21.94	.0374	.56581	2.605	.0604	4.849	.4906
#1	1.056	33290.	82.404	48.54	301.2	1.522	170200.
#2	1.444	33310.	81.747	50.36	301.5	1.630	171400.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.534	38.86	65.97	150.8	224500.	5003.	96640.
SDev	.112	.66	.45	.2	917.	9.	363.
%RSD	7.302	1.703	.6762	.1535	.4086	.1830	.3756
#1	1.613	38.39	65.65	150.6	223900.	5009.	96380.
#2	1.455	39.33	66.28	150.9	225200.	4996.	96900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb DIV	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2855.	13.20	248.4	83.15	14.680	431.71	5.2013
SDev	11.	.63	112.4	1.76	1.546	2.52	1.5916
%RSD	.3983	4.754	45.25	2.114	10.534	.58336	30.600
#1	2847.	13.65	168.9	81.91	15.774	429.92	6.3267
#2	2863.	12.76	327.9	84.40	13.587	433.49	4.0758
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.03	553.1	46.534	87.02	456.5	432.18	431.47
SDev	.12	.4	.945	.10	2.2	3.28	2.14
%RSD	.4582	.0786	2.0315	.1100	.4908	.75873	.49566
#1	27.11	552.8	47.203	86.95	454.9	429.87	429.95
#2	26.94	553.4	45.866	87.09	458.0	434.50	432.98
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	21.068	11.491	24.528	-4.4478	5.0000
SDev	7.468	1.410	1.977	1.3991	.0000
%RSD	35.448	12.271	8.0603	31.456	.00000
#1	26.349	10.494	25.926	-3.4585	5.0000
#2	15.787	12.488	23.130	-5.4371	5.0000

Errors	NCCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12262	--	--	--	--	--	--
SDev	41.43687	--	--	--	--	--	--
%RSD	.3379284	--	--	--	--	--	--
#1	12291	--	--	--	--	--	--
#2	12233	--	--	--	--	--	--

Method: TOTAL Sample Name: PBS SDG OK16128 Operator: MJC
Run Time: 11/29/00 09:21:28
Comment:
Mode: CONC Corr. Factor: 1

Rerun

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.691	32.71	-2.6946	-2.221	.8269	.0700	222.4
SDev	.219	2.38	2.3166	.022	.1695	.0253	5.9
%RSD	12.94	7.264	85.969	1.008	20.50	36.19	2.674
#1	1.846	34.39	-4.3327	-2.237	.7070	.0521	226.7
#2	1.536	31.03	-1.0566	-2.205	.9468	.0879	218.2
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	200.0	10.000		200.0	5.000	5000.
Low	-10.00	-200.0	-10.000		-200.0	-5.000	-5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0187	1.085	2.692	1.948	68.78	225.6	43.71
SDev	.0941	.685	.367	.482	5.30	.7	8.75
%RSD	503.1	63.09	13.63	24.72	7.704	.3120	20.01
#1	-.0853	.6012	2.952	1.608	72.53	226.1	49.89
#2	.0478	1.570	2.433	2.289	65.04	225.1	37.52
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.796	.9500	189.1	2.481	3.3831	.63093	-4.4452
SDev	.007	.0030	43.0	.348	2.6245	.67849	.0832
%RSD	.3796	.3182	22.72	14.01	77.578	107.54	1.8720
#1	1.791	.9479	219.5	2.236	1.5273	1.1107	-4.3863
#2	1.800	.9522	158.7	2.727	H5.2389	.15116	-4.5040
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.00		5000.	40.00	5.0000	3.0000	60.000

Low	-15.00		-5000.	-40.00	-5.0000	-3.0000	-60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.285	.3431	1.2444	.0215	6.287	6.6324	-2.3653
SDev	.934	.7162	1.9957	.0025	.104	.6192	.6082
%RSD	21.79	208.7	160.38	11.76	1.655	12.352	25.715
#1	3.624	-.1633	2.6555	.0197	6.360	7.2117	-1.9352
#2	4.945	.8495	-.16678	.0233	6.213	6.0531	-2.7954
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.00	20.00		
Low			-10.000	-50.00	-20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	10.225	-.03262	2.8515	-8.0881	5.0000
SDev	1.672	3.09998	3.4180	1.8312	.0000
%RSD	16.354	9504.6	119.87	22.641	.00001
#1	9.0423	-2.2246	.43460	-6.7932	5.0000
#2	11.407	2.1594	5.2684	-9.3829	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12310	--	--	--	--	--	--
SDev	39.88041	--	--	--	--	--	--
%RSD	.3239728	--	--	--	--	--	--
#1	12338	--	--	--	--	--	--
#2	12282	--	--	--	--	--	--

Method: TOTAL Sample Name: LCSS Operator: MJC
Run Time: 11/29/00 09:27:00
Comment:
Mode: CONC Corr. Factor: 1

Rerun

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	455.2	28810.	944.72	249.2	880.9	241.4	55300.
SDev	.4	21.	2.27	1.0	.6	.1	50.
%RSD	.0940	.0746	.24035	.4009	.0680	.0490	.0896
#1	455.6	28790.	943.11	249.9	880.5	241.3	55270.
#2	454.9	28820.	946.32	248.5	881.3	241.5	55340.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	565.0	61500.	1165.0	371.5	1090.	274.0	66000.
Low	335.0	21000.	690.00	149.0	685.0	176.5	39200.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	332.0	1117.	738.0	476.3	48430.	18470.	11900.
SDev	.5	1.	.8	.5	37.	43.	5.
%RSD	.1408	.0670	.1140	.0997	.0768	.2348	.0408
#1	331.6	1117.	737.4	476.0	48400.	18440.	11900.
#2	332.3	1118.	738.6	476.6	48450.	18510.	11910.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	393.5	1275.	855.0	545.0	89500.	22700.	17150.
Low	246.0	840.0	570.0	379.5	37350.	13100.	10350.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1939.	239.4	5058.	396.4	798.52	617.52	95.878
SDev	1.	.8	42.	.2	.71	.04	1.437
%RSD	.0740	.3307	.8319	.0596	.08938	.00718	1.4987
#1	1938.	238.8	5087.	396.2	798.01	617.49	94.882
#2	1940.	240.0	5028.	396.6	799.02	617.55	96.894
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2325.		6750.	453.5	940.00	740.00	340.50
Low	1555.		3460.	291.5	555.00	454.50	10.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	420.9	926.2	458.87	847.2	1371.	615.52	618.52
SDev	2.3	.3	.63	.1	2.	.23	.18
%RSD	.5502	.0294	.13795	.0175	.1357	.03729	.02928
#1	419.3	926.4	459.32	847.1	1370.	615.69	618.39
#2	422.6	926.0	458.43	847.3	1372.	615.36	618.65
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	560.0	1885.	575.00	1140.	1675.		
Low	281.0	293.0	230.00	590.0	1055.		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	799.05	798.25	101.07	93.289	5.0000
SDev	1.92	2.03	.74	2.524	.0000
%RSD	.24024	.25412	.73304	2.7058	.00000
#1	800.41	796.82	101.59	91.504	5.0000
#2	797.69	799.69	100.54	95.074	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12632	--	--	--	--	--	--
SDev	10.04106	--	--	--	--	--	--
%RSD	.0794884	--	--	--	--	--	--
#1	12625	--	--	--	--	--	--
#2	12639	--	--	--	--	--	--

Method: TOTAL Sample Name: DPX6P Operator: MJC
Run Time: 11/29/00 09:35:25
Comment:
Mode: CONC Corr. Factor: 1

Rerun

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.170	12570.	14.554	9.774	133.8	.4237	77470.
SDev	.332	27.	.380	1.147	.2	.0263	323.
%RSD	10.46	.2161	2.6108	11.74	.1729	6.217	.4168
#1	3.405	12590.	14.822	10.59	134.0	.4423	77690.
#2	2.936	12550.	14.285	8.963	133.7	.4051	77240.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.931	13.59	26.36	1488.	26730.	1831.	25690.
SDev	.104	.04	.90	4.	111.	9.	104.
%RSD	5.402	.2633	3.421	.2509	.4146	.4711	.4068
#1	1.857	13.62	27.00	1491.	26810.	1837.	25760.
#2	2.004	13.57	25.72	1486.	26650.	1825.	25610.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	390.9	26.98	316.3	59.27	-2.2534	1506.3	13.372
SDev	.9	1.27	148.0	.29	3.3932	9.0	.264
%RSD	.2250	4.702	46.79	.4898	150.58	.59887	1.9718
#1	391.5	26.08	421.0	59.48	.14595	1512.6	13.185
#2	390.3	27.88	211.7	59.07	-4.6528	1499.9	13.558
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102.2	270.2	2.2160	31.97	643.4	1495.0	1511.9
SDev	1.0	1.5	6.0242	.10	2.4	8.9	9.1
%RSD	.9782	.5639	271.85	.3169	.3770	.59785	.59936

#1	102.9	271.2	-2.0437	31.90	645.1	1501.3	1518.3
#2	101.5	269.1	6.4757	32.04	641.7	1488.6	1505.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	6.7569	-6.7518	19.399	10.363	5.0000		
SDev	3.3327	6.7511	.721	.755	.0000		
%RSD	49.322	99.990	3.7189	7.2901	.00001		
#1	4.4004	-1.9781	19.909	9.8287	5.0000		
#2	9.1134	-11.526	18.889	10.897	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12249	--	--	--	--	--	--
SDev	36.48712	--	--	--	--	--	--
%RSD	.2978832	--	--	--	--	--	--
#1	12223	--	--	--	--	--	--
#2	12275	--	--	--	--	--	--

Method: TOTAL Sample Name: DPX6PL Operator: MJC
Run Time: 11/29/00 09:40:57
Comment:
Mode: CONC Corr. Factor: 1

Rerun

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.306	2558.	2.7515	-1.901	26.72	.1098	15640.
SDev	.337	13.	1.9352	.000	.04	.0452	11.
%RSD	25.84	.5268	70.333	.0087	.1568	41.14	.0675
#1	1.067	2549.	1.3831	-1.901	26.69	.0779	15630.
#2	1.544	2568.	4.1198	-1.901	26.75	.1418	15650.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	500000.	10000.	20000.	25000.	4000.	600000.
Low	-1000.	-1000.	-1000.0	-1000.	-1000.	-1000.	-1000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1432	3.279	5.784	301.3	5391.	495.2	5105.
SDev	.0986	.454	.054	.1	21.	6.7	1.
%RSD	68.85	13.83	.9286	.0428	.3843	1.361	.0125
#1	.2130	2.958	5.821	301.4	5406.	490.4	5105.
#2	.0735	3.600	5.746	301.2	5376.	499.9	5105.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2500.	50000.	50000.	50000.	600000.	600000.	600000.
Low	-1000.	-1000.	-1000.	-1000.	-1000.	-10000.	-1000.
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	78.46	8.053	-172.3	11.26	.27951	303.03	-.28690
SDev	.04	.665	75.5	.45	.56966	.27	.28212
%RSD	.0541	8.263	43.82	3.988	203.80	.08870	98.333
#1	78.43	7.582	-225.7	10.95	-.12330	302.84	-.08741
#2	78.49	8.523	-118.9	11.58	.68232	303.22	-.48639

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	30000.	50000.	600000.	50000.	10000.	15000.	10000.
Low	-1000.	-1000.	-10000.	-1000.	-1000.0	-1000.0	-1000.0
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.03	53.26	2.7752	5.709	134.7	305.43	301.83
SDev	.00	.00	5.9909	.002	.2	1.42	.31
%RSD	.0027	.0023	215.87	.0305	.1584	.46463	.10121
#1	22.03	53.26	-1.4610	5.707	134.6	304.43	302.05
#2	22.03	53.26	7.0115	5.710	134.9	306.43	301.62

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	8000.	50000.	20000.	50000.	10000.		
Low	-1000.	-1000.	-1000.0	-1000.	-1000.		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	4.8483	-2.0014	7.4386	-4.1439	5.0000		
SDev	1.8084	1.7569	.4572	.6512	.0000		
%RSD	37.299	87.781	6.1459	15.715	.00000		
#1	6.1270	-3.2437	7.1153	-3.6834	5.0000		
#2	3.5696	-.75913	7.7619	-4.6043	5.0000		
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK		
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12418	--	--	--	--	--	--
SDev	.2831189	--	--	--	--	--	--
%RSD	.0022798	--	--	--	--	--	--
#1	12419	--	--	--	--	--	--
#2	12418	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/29/00 09:46:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1040.	26380.	521.31	5284.	2124.	2110.	52600.
SDev	.	14.	2.68	24.	.	5.	97.
%RSD	.0364	.0543	.51386	.4460	.0194	.2375	.1852
#1	1041.	26390.	519.42	5287.	2124.	2106.	52530.
#2	1040.	26370.	523.21	5301.	2124.	2113.	52670.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	515.9	2082.	2077.	2090.	26260.	Q55270.	51540.
SDev	1.0	3.	2.	.	51.	127.	91.
%RSD	.1873	.1330	.1135	.0125	.1947	.2299	.1763
#1	515.2	2080.	2075.	2090.	26220.	Q55360.	51470.
#2	516.6	2084.	2079.	2091.	26290.	55180.	51600.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2157.	2061.	51120.	2087.	516.78	517.03	524.57
SDev	4.	5.	12.	5.	.60	1.81	2.06
%RSD	.1840	.2222	.0244	.2160	.11557	.34936	.39316
#1	2154.	2057.	51130.	2084.	516.36	515.75	523.11
#2	2160.	2064.	51120.	2090.	517.20	518.31	526.02
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00
Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5131.	5261.	1038.7	2072.	2108.	516.32	517.39
SDev	16.	6.	12.1	3.	4.	5.76	5.58
%RSD	.3158	.1170	1.1688	.1367	.1684	1.1147	1.0788
#1	5119.	5257.	1030.1	2070.	2106.	520.39	513.44
#2	5142.	5266.	1047.3	2074.	2111.	512.25	521.33
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	528.74	510.81	533.94	519.89	5.0000
SDev	12.22	7.00	2.47	4.32	.0000
%RSD	2.3112	1.3697	.46180	.83153	.00001
#1	537.38	505.87	535.69	516.83	5.0000
#2	520.10	515.76	532.20	522.94	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12268	--	--	--	--	--	--
SDev	36.91042	--	--	--	--	--	--
%RSD	.3008748	--	--	--	--	--	--
#1	12242	--	--	--	--	--	--
#2	12294	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/29/00 09:52:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.217	48.81	2.1181	10.00	.8032	.7566	42.88
SDev	.409	9.64	2.5938	3.04	.2953	.2092	8.26
%RSD	18.44	19.75	122.46	30.43	36.76	27.65	19.25
#1	1.928	55.62	3.9522	12.15	1.012	.9045	48.72
#2	2.506	41.99	.28398	7.851	.5944	.6086	37.04
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000		.0000	.0000	.0000
Range	10.00	200.0	10.000		200.0	5.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0408	2.059	2.026	1.264	37.28	234.4	38.48
SDev	.1219	.229	2.030	.940	4.65	27.4	1.15
%RSD	298.6	11.14	100.2	74.40	12.47	11.69	2.994
#1	.1271	1.896	3.462	1.929	40.57	253.8	39.29
#2	-.0454	2.221	.5908	.5990	34.00	215.0	37.67
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	5.000	50.00	10.00	25.00	100.0	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9026	2.148	17.98	1.128	1.7115	-.15205	-3.2654

SDev	.1856	3.037	322.2	.226	2.9226	.28001	4.1725
%RSD	20.56	141.4	1792.	20.01	170.76	184.16	127.78
#1	1.034	.0004	245.8	.9682	3.7780	.04595	-.31501
#2	.7713	4.295	-209.9	1.287	-.35507	-.35005	-6.2158
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.568	2.042	3.5499	1.185	.4202	4.1030	-2.2764
SDev	.022	.724	2.6070	.587	.5963	2.0372	1.4369
%RSD	.2921	35.45	73.440	49.53	142.4	49.652	63.122
#1	7.584	2.554	1.7064	1.600	.8433	2.6625	-1.2603
#2	7.553	1.530	5.3933	.7700	-.0028	5.5436	-3.2924
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	9.7560	-2.3047	2.2244	-6.0062	5.0000
SDev	.2629	4.5129	2.0166	5.2488	.0000
%RSD	2.6947	195.81	90.659	87.389	.00000
#1	9.5701	.88635	3.6504	-2.2947	5.0000
#2	9.9419	-5.4958	.79844	-9.7176	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12227	--	--	--	--	--	--
SDev	23.90007	--	--	--	--	--	--
%RSD	.1954712	--	--	--	--	--	--
#1	12210	--	--	--	--	--	--
#2	12244	--	--	--	--	--	--

Analysis Report QC Standard 11/29/00 10:03:38 AM page 1

Method: TOTAL Sample Name: CRI CLP Operator: MJC
Run Time: 11/29/00 09:58:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.46	35.69	21.596	20.68	.4151	11.01	59.38
SDev	.03	10.56	2.504	1.34	.0831	.01	48.02
%RSD	.1511	29.57	11.594	6.469	20.03	.0796	80.88
#1	21.44	43.16	19.826	21.62	.4739	11.00	93.33
#2	21.49	28.23	23.367	19.73	.3563	11.02	25.42
Errors	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	20.00		20.000			10.00	
Range	50.00		50.000			50.00	

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.71	108.0	21.43	54.88	35.23	215.2	23.06
SDev	.07	.3	.85	.98	12.80	6.0	13.12
%RSD	.6784	.2859	3.985	1.778	36.34	2.779	56.90
#1	10.76	107.7	22.03	55.57	44.28	219.4	32.34
#2	10.66	108.2	20.82	54.19	26.18	211.0	13.78
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	10.00	100.0	20.00	50.00			
Range	50.00	50.00	50.00	50.00			

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.86	.0004	-116.1	87.48	9.8548	5.6505	131.93
SDev	.32	.0001	95.2	1.09	.8200	.3512	.06
%RSD	.9421	36.34	82.00	1.241	8.3211	6.2158	.04773
#1	34.08	.0004	-48.77	86.71	10.435	5.8989	131.98
#2	33.63	.0003	-183.4	88.25	9.2750	5.4022	131.89
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	30.00			80.00	10.000	6.0000	120.00
Range	50.00			50.00	50.000	50.000	50.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6000	1.187	23.215	105.9	44.31	10.289	3.3346
SDev	2.953	.001	.511	.1	.22	2.703	.8227
%RSD	492.1	.0851	2.2005	.1370	.5013	26.267	24.673
#1	2.688	1.186	22.853	105.8	44.47	12.200	2.7529
#2	-1.488	1.187	23.576	106.0	44.15	8.3781	3.9164
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			20.000	100.0	40.00		
Range			50.000	50.00	50.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710

Units	ppb	ppb	ppb	ppb	ppb
Avge	11.857	8.8555	131.33	132.23	5.0000
SDev	1.536	1.9964	3.54	1.67	.0000
%RSD	12.957	22.545	2.6978	1.2663	.00000
#1	10.770	10.267	133.84	131.05	5.0000
#2	12.943	7.4438	128.83	133.42	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12286	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0748218	--	--	--	--	--	--
#1	12292	--	--	--	--	--	--
#2	12279	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSA Operator: MJC
Run Time: 11/29/00 10:06:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.291	485300.	2.1584	47.07	2.209	.1590	477300.
SDev	.073	476.	2.5750	1.16	.089	.0242	994.
%RSD	5.635	.0982	119.30	2.465	4.030	15.21	.2083
#1	1.342	484900.	.33759	46.25	2.146	.1419	476600.
#2	1.240	485600.	3.9792	47.89	2.272	.1761	478000.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.0000	500000.	.00000		.0000	.0000	500000.
Range	10.00	100000.	10.000		200.0	5.000	100000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4091	5.374	-1.830	3.529	202400.	205.8	523100.
SDev	.3876	.327	.871	.441	321.	.4	371.
%RSD	94.75	6.077	47.59	12.51	.1587	.2029	.0710
#1	.6832	5.605	-2.446	3.217	202200.	206.1	522900.
#2	.1350	5.143	-1.214	3.841	202600.	205.5	523400.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	200000.	.0000	500000.
Range	5.000	50.00	10.00	25.00	40000.	5000.	100000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.843	4.053	-141.2	2.223	-.10657	-1.1273	-3.9773

SDev	.035	2.155	.0	2.419	.75844	.4405	.2891
%RSD	.4451	53.18	.0000	108.8	711.68	39.074	7.2684
#1	7.819	2.529	-141.2	.5131	.42973	-.81580	-4.1817
#2	7.868	5.577	-141.2	3.934	-.64287	-1.4387	-3.7728
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	15.00	10.00	5000.	40.00	5.0000	3.0000	60.000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.119	-6.463	Q11.128	-1.970	17.41	-37.962	17.263
SDev	1.940	.764	8.587	.827	.44	3.881	1.277
%RSD	62.20	11.82	77.169	41.99	2.504	10.223	7.3989
#1	1.747	-7.003	5.0557	-2.555	17.10	-35.218	16.360
#2	4.491	-5.923	Q17.200	-1.385	17.71	-40.707	18.166
Errors	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			.00000	.0000	.0000		
Range			10.000	50.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	3.8327	-2.0732	15.987	-13.944	5.0000
SDev	2.4503	.0862	3.857	2.359	.0000
%RSD	63.932	4.1593	24.127	16.918	.00000
#1	5.5653	-2.1342	18.714	-15.612	5.0000
#2	2.1000	-2.0123	13.259	-12.276	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11520	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	11520	--	--	--	--	--	--
#2	11520	--	--	--	--	--	--

Method: TOTAL Sample Name: ICSAB4.0 Operator: MJC
Run Time: 11/29/00 10:12:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	219.8	492100.	107.91	1089.	552.3	533.3	489100.
SDev	.8	393.	2.14	.	.4	.6	236.

%RSD	.3725	.0798	1.9871	.0398	.0664	.1113	.0483
#1	219.2	491900.	106.39	1089.	552.6	533.7	489300.
#2	220.4	492400.	109.43	1089.	552.1	532.8	489000.
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass
Value	200.0	500000.	100.00		500.0	500.0	500000.
Range	20.50	20.50	20.500		20.50	20.50	20.50
Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	999.2	519.3	507.7	578.7	206800.	Q12580.	533400.
SDev	1.1	1.5	.8	.3	115.	33.	1081.
%RSD	.1106	.2908	.1644	.0507	.0557	.2657	.2027
#1	1000.	520.4	507.1	578.9	206900.	Q12560.	534200.
#2	998.5	518.3	508.3	578.5	206800.	Q12610.	532600.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	1000.	500.0	500.0	500.0	200000.	10000.	500000.
Range	20.50	20.50	20.50	20.50	20.50	20.50	20.50
Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.7	1035.	11510.	1015.	52.126	49.579	671.74
SDev	.1	4.	64.	1.	.850	2.920	6.11
%RSD	.0201	.3439	.5591	.0998	1.6298	5.8895	.90979
#1	509.8	1032.	11560.	1016.	51.525	47.514	667.41
#2	509.6	1037.	11460.	1014.	52.727	51.644	676.08
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	1000.	10000.	1000.	50.000	50.000	600.00
Range	20.50	20.50	20.50	20.50	20.500	20.500	20.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1061.	-6.183	105.28	514.4	1114.	15.125	66.780
SDev	4.	.267	4.50	.7	.	.832	4.793
%RSD	.4035	4.316	4.2742	.1340	.0412	5.5006	7.1775
#1	1064.	-6.372	102.09	514.9	1114.	15.714	63.391
#2	1058.	-5.994	108.46	513.9	1114.	14.537	70.170
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			100.00	500.0	1000.		
Range			20.500	20.50	20.50		
Elem	1960\1	1960\2	2068/2	2068/1	Y_3710		
Units	ppb	ppb	ppb	ppb	ppb		
Avge	54.235	51.073	672.98	671.12	5.0000		
SDev	7.544	5.040	2.26	8.04	.0000		
%RSD	13.910	9.8685	.33552	1.1973	.00000		
#1	59.570	47.509	671.38	665.44	5.0000		
#2	48.901	54.637	674.57	676.80	5.0000		

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11366	--	--	--	--	--	--
SDev	16.82900	--	--	--	--	--	--
%RSD	.1480657	--	--	--	--	--	--
#1	11354	--	--	--	--	--	--
#2	11378	--	--	--	--	--	--

Method: TOTAL Sample Name: CCV Operator: MJC
Run Time: 11/29/00 10:17:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1048.	26490.	529.70	5346.	2137.	2139.	53390.
SDev	2.	35.	.79	6.	2.	8.	245.
%RSD	.2262	.1321	.14995	.1043	.0881	.3732	.4581
#1	1050.	26520.	530.26	5350.	2139.	2145.	53570.
#2	1046.	26470.	529.14	5342.	2136.	2134.	53220.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.	25000.	500.00	5000.	2000.	2000.	50000.
Range	10.50	10.50	10.500	10.50	10.50	10.50	10.50

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	523.0	2107.	2104.	2100.	26550.	55170.	52440.
SDev	2.2	9.	9.	2.	115.	113.	270.
%RSD	.4252	.4337	.4144	.0747	.4331	.2047	.5155
#1	524.6	2113.	2111.	2101.	26630.	55090.	52630.
#2	521.4	2100.	2098.	2099.	26470.	Q55250.	52250.
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0	2000.	2000.	2000.	25000.	50000.	50000.
Range	10.50	10.50	10.50	10.50	10.50	10.50	10.50

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2175.	2082.	51350.	2118.	526.70	522.16	528.99
SDev	7.	7.	34.	7.	.26	1.45	.94
%RSD	.3283	.3430	.0666	.3442	.04907	.27763	.17728
#1	2180.	2087.	51320.	2123.	526.52	523.19	529.65
#2	2170.	2077.	51370.	2113.	526.89	521.14	528.33
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2000.	2000.	50000.	2000.	500.00	500.00	500.00

Range	10.50	10.50	10.50	10.50	10.500	10.500	10.500
Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5179.	5312.	1050.4	2095.	2133.	524.58	520.95
SDev	9.	13.	1.0	7.	7.	4.94	.30
%RSD	.1834	.2422	.09969	.3231	.3084	.94264	.05669
#1	5186.	5321.	1049.7	2100.	2138.	528.07	520.75
#2	5172.	5303.	1051.2	2091.	2129.	521.08	521.16
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	5000.	5000.	1000.0	2000.	2000.		
Range	10.50	10.50	10.500	10.50	10.50		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	534.05	523.03	537.39	524.79	5.0000
SDev	1.19	.21	2.72	.05	.0000
%RSD	.22373	.03998	.50653	.00896	.00000
#1	533.20	523.18	539.32	524.83	5.0000
#2	534.89	522.89	535.47	524.76	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12185	--	--	--	--	--	--
SDev	67.59982	--	--	--	--	--	--
%RSD	.5547972	--	--	--	--	--	--
#1	12137	--	--	--	--	--	--
#2	12232	--	--	--	--	--	--

Method: TOTAL Sample Name: CCB Operator: MJC
Run Time: 11/29/00 10:23:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Al	As	B	Ba	Be	Ca
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9692	73.77	-.99793	9.744	.5931	.6060	66.05
SDev	.1878	5.79	.33322	1.548	.0806	.1313	13.20
%RSD	19.38	7.851	33.391	15.89	13.60	21.67	19.98
#1	1.102	77.86	-1.2336	10.84	.6501	.6989	75.38
#2	.8364	69.67	-.76231	8.649	.5361	.5132	56.72
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.00000	.0000	.0000	.0000	.0000
Range	5.000	100.0	5.0000	100.0	10.00	3.000	5000.

Elem	Cd	Co	Cr	Cu	Fe	K	Mg
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1234	.4866	.8965	1.051	30.09	219.2	60.29
SDev	.0787	.3117	.3376	.096	7.42	16.4	4.42
%RSD	63.77	64.06	37.65	9.154	24.65	7.495	7.327
#1	.0678	.7070	.6578	.9833	24.85	207.6	63.41
#2	.1791	.2662	1.135	1.119	35.34	230.8	57.17
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	1.000	20.00	5.000	10.00	50.00	5000.	5000.

Elem	Mn	Mo	Na	Ni	Se	Pb	Sb
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6113	2.137	-124.5	1.692	1.5210	-1.3965	-2.6409
SDev	.0978	3.022	312.4	2.393	.1053	.5853	1.2234
%RSD	15.99	141.4	250.9	141.4	6.9245	41.914	46.326
#1	.6805	4.274	-345.4	.0000	1.5955	-.98260	-1.7758
#2	.5422	.0004	96.40	3.384	1.4465	-1.8104	-3.5060
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.00000	.00000	.00000
Range	10.00	10.00	5000.	40.00	5.0000	3.0000	5.0000

Elem	Sn	Ti	Tl	V	Zn	2203\1	2203\2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.058	1.189	4.5728	.4439	.4744	4.7995	-4.4898
SDev	.027	.006	3.5270	.9776	.5045	.3537	.7010
%RSD	1.293	.5219	77.130	220.2	106.3	7.3687	15.613
#1	2.039	1.185	2.0789	-.2474	.1177	5.0496	-3.9941
#2	2.077	1.193	7.0668	1.135	.8312	4.5494	-4.9855
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000	.0000	.00000	.0000	.0000		
Range	100.0	50.00	10.000	20.00	20.00		

Elem	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	ppb	ppb	ppb	ppb	ppb
Avge	8.6448	-2.0356	3.0337	-5.4740	5.0000
SDev	8.5446	4.1080	.4830	1.5931	.0000
%RSD	98.842	201.81	15.922	29.103	.00001
#1	14.687	-4.9404	3.3753	-4.3475	5.0000
#2	2.6028	.86924	2.6922	-6.6005	5.0000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	12265	--	--	--	--	--	--
SDev	56.28542	--	--	--	--	--	--
%RSD	.4588959	--	--	--	--	--	--
#1	12305	--	--	--	--	--	--
#2	12226	--	--	--	--	--	--

SDG OK04153

Quanterra Hg Data Review Checklist

Run/Project Information

Run Date: 11-14-00 Analyst: KLL Instrument: H1
Prep Batches Run: See run log

Circle Methods used: 7470A / 245.1 : CORP-MT-0005 Rev 1 7471 / 245.1 : ~~CORP-MT-0007 Rev 1~~
CLP - AQ : CORP-MT-0006 Rev 0 CLP - SOL : CORP-MT-0008 Rev 0

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL or +/- CRDL (CLP)?	✓			✓
4. CRA run (CLP only)?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?			✓	
2. All reported results bracketed by in control QC?	✓		~~✓~~ 00114 KLL	✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL or CRDL (CLP)?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?	✓			✓
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Analyst: Karen L. Counts Date: 11-14-00
Comments:

2nd Level Reviewer: [signature] Date: 11-14-00

*** Standard: 1 Rep: 1 Seq: 0 08:02:44 14 Nov 2000 HG

Hg .0000 ppb 2709

*** Standard: 2 Rep: 1 Seq: 1 08:04:03 14 Nov 2000 HG

Hg .2000 ppb 14128

Karen L. Counts

curve prepared 11-13-00 9:15pm.

ICV HPS 028426

Cal/CCV HPS 016704

$SnCl_2$ OMR573

NaCL $NH_2OH \cdot HCL$ OMR569

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 3 Rep: 1				Seq: 2		08:05:22 14 Nov 2000 HG		
Hg	.5000	ppb	34913					
*** Standard: 4 Rep: 1				Seq: 3		08:06:42 14 Nov 2000 HG		
Hg	1.000	ppb	55021					
*** Standard: 5 Rep: 1				Seq: 4		08:07:49 14 Nov 2000 HG		
Hg	5.000	ppb	323534					
*** Standard: 6 Rep: 1				Seq: 5		08:08:56 14 Nov 2000 HG		
Hg	10.00	ppb	593493					

RunProt: HGPPB | Err: Analyzer needs maintenance

RunFold: HG11114B Seq: 6 Batch:

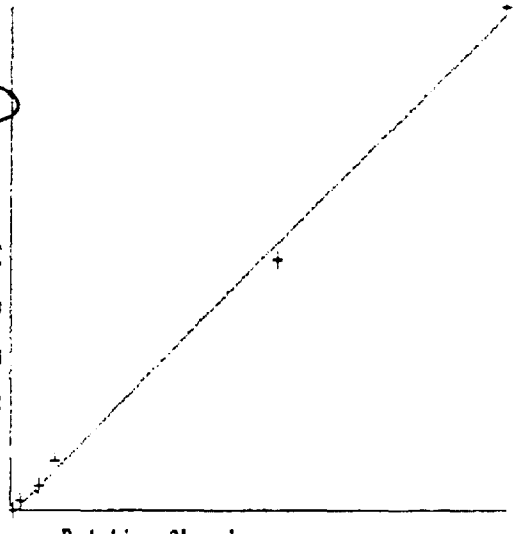
Prnt: R/T On Pump: On

Rev: 4.2 00:09:00 14 Nov 2000 Xmit: Off Gas: 0.70 LPM

State: Idle User: SMI A/S: On

CALIBRATION: Line | proto: HGPPB

	Hg Conc.	Calc.	Dev.	Accepted ->linear	
S1	.0000	.0075	.0075	Quadratic	
S2	.2000	.1665	-.0335	Wtdlinear	
S3	.5000	.5133	.0133		C
S4	1.000	.8489	-.1511	Accept	o
S5	5.000	5.330	.3295		n
S6	10.00	9.834	-.1657		c
A	.0063000	r	.998996		
B	1.66870e-5	C	-6.92752e-2		



	Mean			Relative Absorbance	
S1	4600	1641 SD	2789	5656	5435
S2	14128	0 %RSD	14128		
S3	34913	0 %RSD	34913		
S4	55021	0 %RSD	55021		
S5	323534	0 %RSD	323534		
S6	593493	0 %RSD	593493		

New cal coefficients stored

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: ICV				Seq: 6	08:10:07 14 Nov 2000 HG			
			WATER					
Hg	2.066	ppb	127984	2.066/2.5 = 83%				
*** Sample ID: ICB				Seq: 7	08:11:14 14 Nov 2000 HG			
			WATER					
Hg	-.0063	ppb	3773					
*** Sample ID: CRA				Seq: 8	08:12:23 14 Nov 2000 HG			
			WATER					
Hg	.1297	ppb	11924	.1297/.2 = 65%				
*** Sample ID: CCV				Seq: 9	08:13:40 14 Nov 2000 HG			
			WATER					
Hg	4.893	ppb	297355	4.893/5 = 98%				
*** Sample ID: CCB				Seq: 10	08:15:00 14 Nov 2000 HG			
			WATER					
Hg	-.0666	ppb	161					
*** Sample ID: FBS				Seq: 11	08:16:26 14 Nov 2000 HG			
			WATER					
Hg	-.0542	ppb	901					
*** Sample ID: LCSS				Seq: 12	08:17:32 14 Nov 2000 HG			
			WATER					
Hg	3.495	ppb	213617					
*** Sample ID: DPJF5				Seq: 13	08:19:19 14 Nov 2000 HG			
			WATER					
Hg	.1216	ppb	11436					
*** Sample ID: DPJF5D				Seq: 14	08:21:10 14 Nov 2000 HG			
			WATER					
Hg	.0849	ppb	9240					
*** Sample ID: DPJF5S				Seq: 15	08:22:18 14 Nov 2000 HG			
			WATER					
Hg	1.034	ppb	66100					
*** Sample ID: CCV				Seq: 16	08:23:33 14 Nov 2000 HG			
			WATER					
Hg	5.069	ppb	307930	5.069/5 = 101%				
*** Sample ID: CCB				Seq: 17	08:24:39 14 Nov 2000 HG			
			WATER					
Hg	-.0477	ppb	1293					

QUANTERRA INCORPORATED

Case N/A
Client 64186
SDG 0K04153

CLP PREPARATION LOGSHEET

Date 11/13/00
Time 8:00
Initials LPM LPM

Sample Number	Sample Matrix	Initial wt(g)/pl	Final Vol (mL)	Prep Type	Std Number	Before Color	Before Tex	Before Clar	After Color	After Clar	Comments
DPJF5	S	1.00	200	P		b c	f m c	c cl o	b c gr	c cl o	
DPJF5D	S	1.00	200	P		b c	f m c	c cl o	b c gr	c cl o	
DPJF5S	S	1.00	200	P	0K1158,0J1157,0K1173	b c	f m c	c cl o	b c gr	c cl o	
DPJF5ST	S	1.00	200	P	0J1118	b c	f m c	c cl o	b c gr	c cl o	
PBS	S	1.00	200	P		b c	f m c	c cl o	b c	c cl o	
LCSS	S	1.00	200	P	LOT #246	b c	f m c	c cl o	b c y	c cl o	

	PREP TYPE		COLOR				CLARITY = Clar	TEXTURE = Tex
S = Solid	P = ICP	b = brown	r = red	y = yellow	w = white		c = clear	f = fine
W = Total Water	F = GFAA	c = colorless	bl = black	g = grey	v = violet		cl = cloudy	m = medium
	AV = CVAA	o = orange	x = blue	gr = green			o = opaque	c = coarse

Revision Date: 5-99
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SOP # CORP-IP-0001NC
CORP-MT-0006NC
CORP-MT-0008NC

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STL North Canton

QUANTERRA INCORPORATED

Case N/A
Client 64186
SDG 0K04153

CLP PREPARATION LOGSHEET

Date 11/13/00
Time 8:00
Initials LPM LPM

Sample Number	Sample Matrix	Initial wt(g)/pH	Final Vol (mL)	Prep Type	Std Number	Before Color	Before Tex	Before Clar	After Color	After Clar	Comments
DPJF5	S	0.20	100	AV		b c ___	f m c	c cl o	b c ___	c cl o	
DPJF5D	S	0.20	100	AV		b c ___	f m c	c cl o	b c ___	c cl o	
DPJF5S	S	0.20	100	AV	0K1206	b c ___	f m c	c cl o	b c ___	c cl o	
PBS	S	0.20	100	AV		b c ___	f m c	c cl o	b c ___	c cl o	
LCSS	S	0.20	100	AV	solid cess lot #246	b c ___	f m c	c cl o	b c ___	c cl o	

MATRIX	PREP TYPE	COLOR				CLARITY = Clar	TEXTURE = Tex
S = Solid	P = ICP	b = brown	r = red	y = yellow	w = white	c = clear	f = fine
W = Total Water	F = GFAA	c = colorless	bl = black	g = grey	v = violet	cl = cloudy	m = medium
	AV = CVAA	o = orange	x = blue	gr = green		o = opaque	c = coarse

Revision Date: 5-99
N:\METALS\CLPA-LOG.XLS
SOP # CORP-IP-0001NC
CORP-MT-0006NC
CORP-MT-0008NC

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STL North Canton

QUANTERRA INCORPORATED

CLP PREPARATION LOGSHEET

Case NA
Client 64186
SDG 0K04153

Date 11/22/00
Time 8:00
Initials LPM

Sample Number	Sample Matrix	Initial wt(g)/pH	Final Vol (mL)	Prep Type	Std Number	Before Color	Before Tex	Before Clar	After Color	After Clar	Comments
DPJF5	S	1.00	200	P		b c ___	f m c	c cl o	b c ___	c cl o	
DPJF5D	S	1.00	200	P		b c ___	f m c	c cl o	b c ___	c cl o	
DPJF5ST	S	1.00	200	P	STD 0J1118	b c ___	f m c	c cl o	b c ___	c cl o	
PBS2	S	1.00	200	P		b c ___	f m c	c cl o	b c ___	c cl o	
LCSS2	S	1.00	200	P	LOT 246	b c ___	f m c	c cl o	b c ___	c cl o	

	PREP TYPE	COLOR				CLARITY = Clar	TEXTURE = Tex
S = Solid	P = ICP	b = brown	r = red	y = yellow	w = white	c = clear	f = fine
W = Total Water	F = GFAA	c = colorless	bl = black	g = grey	v = violet	cl = cloudy	m = medium
	AV = CVAA	o = orange	x = blue	gr = green		o = opaque	c = coarse

Revision Date: 5-99
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SOP # CORP-IP-0001NC
CORP-MT-0006NC
CORP-MT-0008NC

STL North Canton

	SEVERN TRENT LABORATORIES CLP PREPARATION LOGSHEET	

Client 64186 SDG OK04153				Date 11-13-00 Time 7:15pm-9:15pm Initials KL
Sample Number	Sample Matrix	Final Volume(ml)	Prep Type	Standard Number
S0	Water	100 ml	CVAA	
S.2	Water	100 ml	CVAA	STD OK1207
Cra (.2)	Water	100 ml	CVAA	
S.5	Water	100 ml	CVAA	
S1.0	Water	100 ml	CVAA	
S5.0	Water	100 ml	CVAA	
S10.0	Water	100 ml	CVAA	
2 CCV's (5.0)	Water	100 ml	CVAA	
2 CCB's	Water	100 ml	CVAA	
ICB	Water	100 ml	CVAA	
ICV	Water	100 ml	CVAA	STD OK1206

DATE: 11/13/00

METALS PREPARATION REAGENTS

Reagents listed on this form are used for the entire day's prep batches unless otherwise noted on the individual prep log.

REAGENT NAME	REAGENT NUMBER
1:1 HNO_3 (nitric acid)	OMR577
1:1 HCl (hydrochloric acid)	OMR553
HNO_3 (nitric acid)	OMR566
HCl (hydrochloric acid)	OMR576
$KMnO_4$ (potassium permanganate)	OMR560
$K_2S_2O_8$ (potassium persulfate)	OMR554
H_2O_2 (hydrogen peroxide)	OMR563
H_2SO_4 (sulfuric acid)	OMR410
CLP ICP Acidified Water	OMR530

CLP STANDARD AMOUNTS	
CLP ICP WATERS - MS/LCSW	**CLP ICP SOLIDS - MS**
2 mL of ICP-1	4 mL of ICP-1
2 mL of ICP-2A	4 mL of ICP-2A
2 mL of Ag	4 mL of Ag
2 mL of Trace(ILM04.0)	4 mL of Trace(ILM04.0)
	1.00g Priority PollutnT/CLP soil (LCSS)
CLP Hg WATERS	**CLP Hg Solids**
1mL of Hg(MS)	1 mL of Hg (MS)
2.5 mL of Hg(LCSW)	0.20g Priority PollutnT/CLP soil (LCSS)

Waters

Hg time in the water bath —

Hg time out of the water bath —

Solids

Hg time in the water bath 2:10pm

Hg time out of the water bath 2:40pm

Times listed are for the waters and solids for that day unless otherwise noted.

Quanterra Incorporated
Revision Date: 05/20/99
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DATE: 11/22/00_____

METALS PREPARATION REAGENTS

Reagents listed on this form are used for the entire day's prep batches unless otherwise noted on the individual prep log.

REAGENT NAME	REAGENT NUMBER
1:1 HNO_3 (nitric acid)	0MR602
1:1 HCl (hydrochloric acid)	0MR594
HNO_3 (nitric acid)	0MR584
HCl (hydrochloric acid)	____
$KMnO_4$ (potassium permanganate)	____
$K_2S_2O_8$ (potassium persulfate)	____
H_2O_2 (hydrogen peroxide)	0MR563
H_2SO_4 (sulfuric acid)	____
CLP ICP Acidified Water	0MR595

CLP STANDARD AMOUNTS	
CLP ICP WATERS - MS/LCSW	**CLP ICP SOLIDS - MS**
2 mL of ICP-1	4 mL of ICP-1
2 mL of ICP-2A	4 mL of ICP-2A
2 mL of Ag	4 mL of Ag
2 mL of Trace(ILM04.0)	4 mL of Trace(ILM04.0)
	1.00g Priority PollutnT/CLP soil (LCSS)
CLP Hg WATERS	**CLP Hg Solids**
1mL of Hg(MS)	1 mL of Hg (MS)
2.5 mL of Hg(LCSW)	0.20g Priority PollutnT/CLP soil (LCSS)

Waters

Hg time in the water bath____

Hg time out of the water bath ____

Solids

Hg time in the water bath ____

Hg time out of the water bath ____

Times listed are for the waters and solids for that day unless otherwise noted.

Quanterra Incorporated
Revision Date: 05/20/99
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		STL North Canton				
		Percent Total Solid/Percent Moisture Logsheet				
Analysis	%MS			Batch	0315143	
Prep Date	11/9/00	Time In	16:31	Analyst	DNM	
Anal date	11/10/00	Time Out	7:00	RL	10	
Sample Id	Tare wt	Wet wt	Dry wt	Result TS %	Result MS %	comments
BLANK	5.652	5.5982	5.5773	1.79	ND	
DPJFJ	5.652	15.1537	13.1862	79.293	20.707	✓
DPJFJX	5.652	12.8769	11.3441	78.784	21.216	✓
DPJF3	5.652	17.7949	15.8052	83.614	16.386	✓
DPJF5	5.652	18.0235	15.1252	76.573	23.427	✓
DPJF8	5.652	18.2736	14.8407	72.801	27.199	✓
TS1109A	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	
	5.652			100.000	0.000	

QUANTERRA INCORPORATED

Sample Control Record

Client	64186
Case Number	N/A
SDG	0K04153
Storage Location	W112

Laboratory Sample Number	Removed By	Date Removed	Reason	Date Returned
DPJF5	LPM LPM	11/13/00	METALS PREP	11/13/00

Revision Date 5-99
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QUANTERRA INCORPORATED

Sample Control Record

Client	64186
Case Number	NA
SDG	0K04153
Storage Location	W112

Laboratory Sample Number	Removed By	Date Removed	Reason	Date Returned
DPJF5	LPM	11/22/00	METALS PREP	11/22/00

Revision Date 5-99
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SPL North Canton

INORGANICS CHAIN OF CUSTODY/ TRACKING FORM
QUANTERRA INCORPORATED -
NORTH CANTON

CASE # : NA

SDG: 0K04153
CLIENT: 64186

ANALYSIS TYPE: ICP

STORAGE LOCATION: ICP Room

		DATE ANALYZED						
Lab Sample #	Date Entered	KLL 11-29-00						
DPJF5	11/22/00	C						
DPJF5D	11/22/00							
DPJF5ST	11/22/00							
PBS2	11/22/00							
LCSS2	11/22/00							

C - Completed

NA - Not Analyzed

X Sample did not require analysis for this parameter

REVISION DATE: 5-99
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INORGANICS CHAIN OF CUSTODY/ TRACKING FORM
QUANTERRA INCORPORATED -
NORTH CANTON

CASE # : N/A

SDG: 0K04153
CLIENT: 64186

ANALYSIS TYPE: ICP

STORAGE LOCATION: ICP Room

		DATE ANALYZED						
Lab Sample #	Date Entered	11.21.00						
DPJF5	11/13/00							
DPJF5D	11/13/00							
DPJF5S	11/13/00							
DPJF5ST	11/13/00							
PBS	11/13/00							
LCSS	11/13/00							

C - Completed

NA - Not Analyzed

X Sample did not require analysis for this parameter

REVISION DATE: 5-99
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INORGANICS CHAIN OF CUSTODY/ TRACKING FORM
QUANTERRA INCORPORATED
- NORTH CANTON

CASE # : N/A

SDG: 0K04153
CLIENT: 64186

ANALYSIS TYPE: Hg

STORAGE LOCATION: AA room

		DATE ANALYZED						
Lab Sample #	Date Entered	KW 11-14-00						
DPJF5	11/13/00	C						
DPJF5D	11/13/00	|						
DPJF5S	11/13/00	|						
PBS	11/13/00	|						
LCSS	11/13/00	✓						

C - Completed

NA - Not Analyzed

X Sample did not require analysis for this parameter

REVISION DATE: 5-99
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Revision 6-26-00

SEVERN TRENT LABORATORIES, INC.

Sample Control Record

Client: 64186 Case Number/SDG: DKD4153 Storage Location: CLP CAGE

Laboratory Sample Number	Transferred By	Date	Entered	Removed	Reason	Date Returned
1. DPJF5	DNM	11·9·00		X	TS ANALYSIS	11·10·00
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.		DNM 806204				
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						

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STL North Canton

SEVERN TRENT SERVICES

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: RAE MINDICK
Company: KMT
Address: 221 SOUTH WINGSIGHT PLAZA
SUITE 320 Chicago, IL 60606
Phone: 312-575-0100
Fax: 312-575-0300
E-Mail: rae@mindick@yahoo.com

Bill To:
Contact: SAME AS REPORT TO
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Lab Lot#

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Additional Analyses / Remarks

Sampler Name: [illegible]
Signature: [illegible]
Project Name: [illegible]
Project Number: [illegible]
Project Location: [illegible]
Lab PM:
Date Required
Hard Copy: ASAP
Fax: / /

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	VOCs	SVOCs	PEST-CLP	HERBICIDE							
Refrg #																	
# / Cont.																	
Volume																	
Preserv																	
		SL-30-[illegible]	11/2/00	[illegible]	S	G											
		SL-31-[illegible]	11/2/00	[illegible]	S	G											

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	[illegible]	[illegible]	[illegible]	Dave Sanders	STL	11-4-00	1035AM
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widmouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received / /
Courier: Hand Delivered ☐
Bill of Lading

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STL-8208 (0600)

STL North Canton

SEVERN TRENT SERVICES

L Chicago
.7 Bond Street
versity Park, IL 60466
one: 708 534 5200
c 708-534-5211

Report To:
Contact: RAE HINDOCK
Company: RMT
Address: 222 S. RIVERSIDE PLAZA
Ste 820, Chicago, IL 60606
Phone: 312-575-0200
Fax: 312-575-6300
E-Mail: rae.hindock@rmtinc.com

Bill To: SAME
Contact:
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Lab Lot#

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	Samples Intact
Yes No	Yes No

Temperature °C of Cooler

Within Hold Time: Yes No
Preserv. Indicated: Yes No NA
pH Check OK: Yes No NA
Res Cl_2 Check OK: Yes No NA
Sample Labels and COC Agree: Yes No COC not present

Sampler Name: DAVID YANG
Signature: D Yang
Project Name: RIVERDALE
Project Number: 4962.01
Project Location: Chicago ILLINOIS
Lab PM: KEN Q.
Date Required
Hard Copy: __/__/__
Fax: __/__/__

Lab ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	VOCs	SVOCs	PEST	HERBS	TAL METALS						Additional Analyses / Remarks
		SL-B2-9.0'	11/7	9:00	S	G	X	X	X	X							
		SL-B3-9.0'	11/7	9:45	S	G	X	X	X	X							
		DSL-16.	11/7	10:15	S	C	X	X	X	X	X						
		DSL-17	11/7	10:15	S	G	X										

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
D Yang	RMT	11/7/00	18:30	Diane Sanders	STL	11-8-00	9:25 AM
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
W = Wastewater
= Water
= Soil
= Sludge
S = Miscellaneous
L = Oil
= Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received / /
Courier:
Hand Delivered ☐
Bill of Lading

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STL North Canton