This document was too large to scan as a whole document, therefore it required breaking into smaller sections.

DOCUMENT NUMBER: SD-WM-DP-182

SECTION 4 **OF** 10

TITLE: Final Results for Tank 241-U-105 Push Mode Cores 131, 133 and 136

DATE: 7/26/96

ORIGINATOR: Fritts, K.L.

CO: WHC

RECIPIENT:

CO:

REFERENCES: ECN-633312

Data Reprocessed On 05/28/1996 11:04:34

Sample Name: S96T001839 SAMPLE Date: 05/26/1996 03:24:14
Data File : C:\DX\DATA\96052551.d02
Method : C:\DX\METHOD\AUTOMEL.met
ACI Address: 1 System: 1 Inject#: 2 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

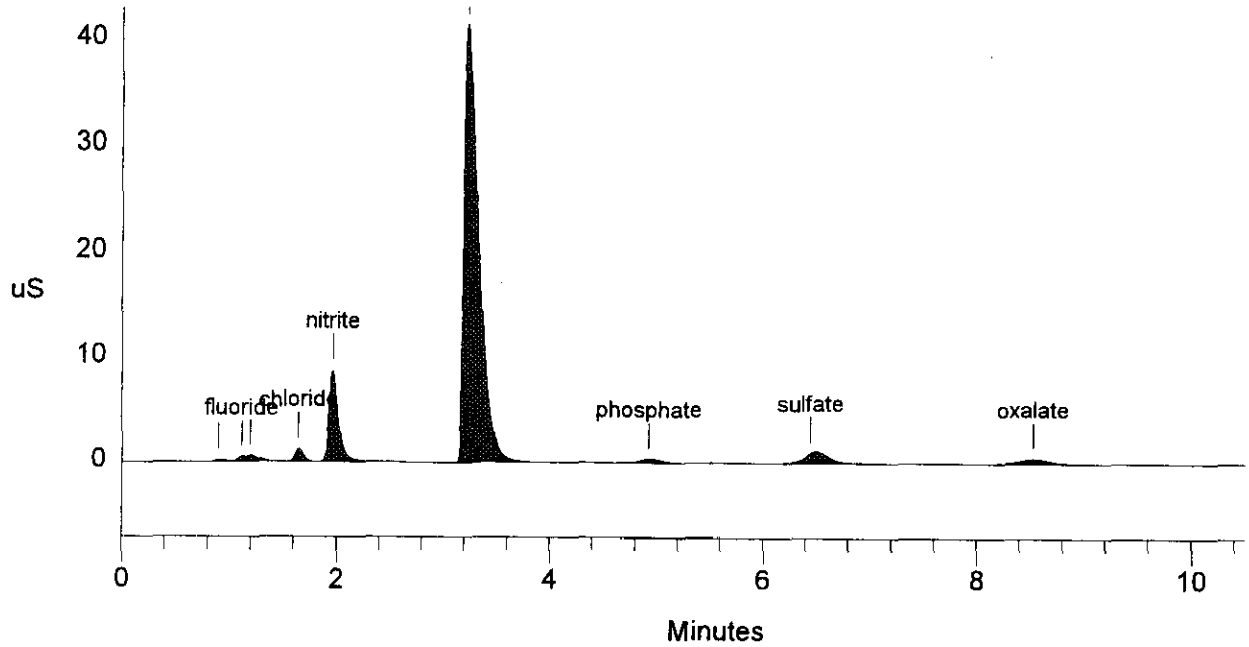
WHC-SD-WM-DP-182, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	193	1127	2	
2	1.12	fluoride	6.242	532	2485	2	4.67
3	1.20		0.000	649	4838	2	
4	1.65	chloride	21.609	1308	7070	1	-0.40
5	1.97	nitrite	238.940	8729	54861	1	-2.32
6	3.23	nitrate	1753.654	41252	402609	1	-2.62
7	4.93	phosphate	53.284	390	5189	1	0.00
8	6.45	sulfate	66.127	955	16690	1	-0.82
9	8.53	oxalate	43.966	456	8650	1	0.00
		Totals	2183.822	54463	503519		

File: 96052551.d02 Sample: S96T001839 SAMPLE



Data Reprocessed On 05/28/1996 11:04:37

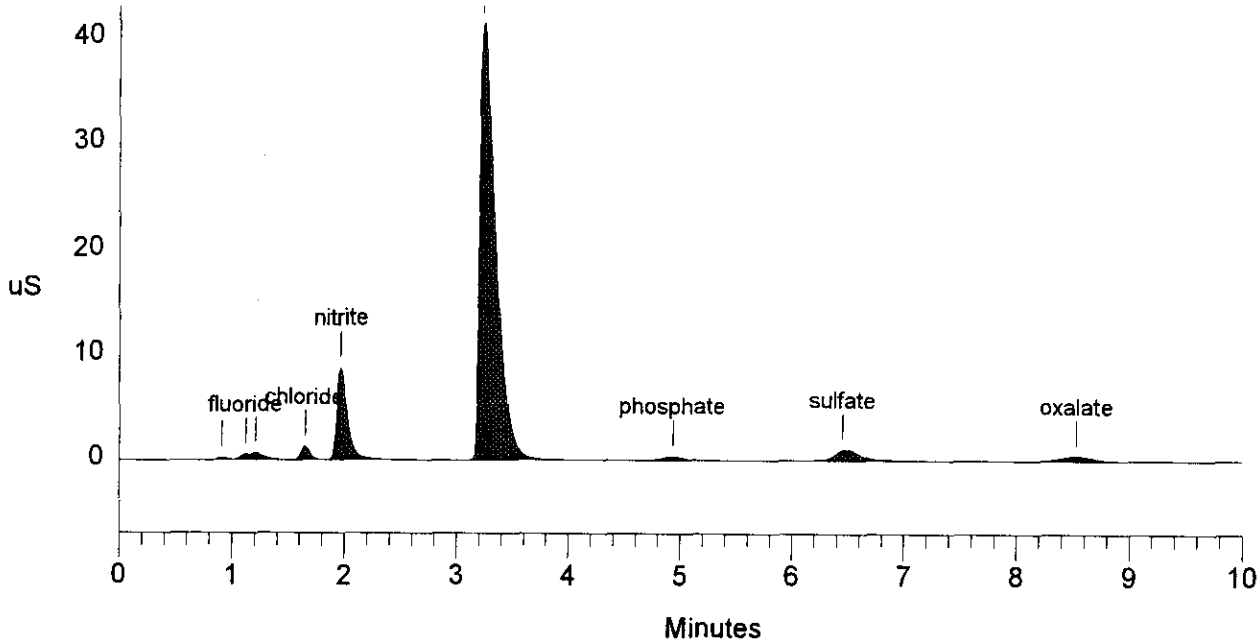
Sample Name: S96T001839 Date: 05/26/1996 02:09:26
Data File : C:\DX\DATA\96052641.d01
Method : C:\DX\METHOD\KIT.MET
WHC-SD-WM-DP-182, REV. /
ACI Address: 1 System: 1 Inject#: 1 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	41	3000	5Hz	0.00	10.00	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	181	1024	2	
2	1.12	fluoride	6.421	541	2566	2	5.00
3	1.21		0.000	673	5075	2	
4	1.65	chloride	21.905	1286	7167	1	-0.40
5	1.97	nitrite	245.858	8779	56497	1	-2.32
6	3.24	nitrate	1773.472	41234	407891	1	-2.21
7	4.93	phosphate	55.792	406	5440	1	0.00
8	6.45	sulfate	68.994	1036	17446	1	-0.82
9	8.53	oxalate	44.546	466	8770	1	0.00
		Totals	2216.988	54602	511876		

File: 96052641.d01 Sample: S96T001839



Data Reprocessed On 05/28/1996 11:04:42

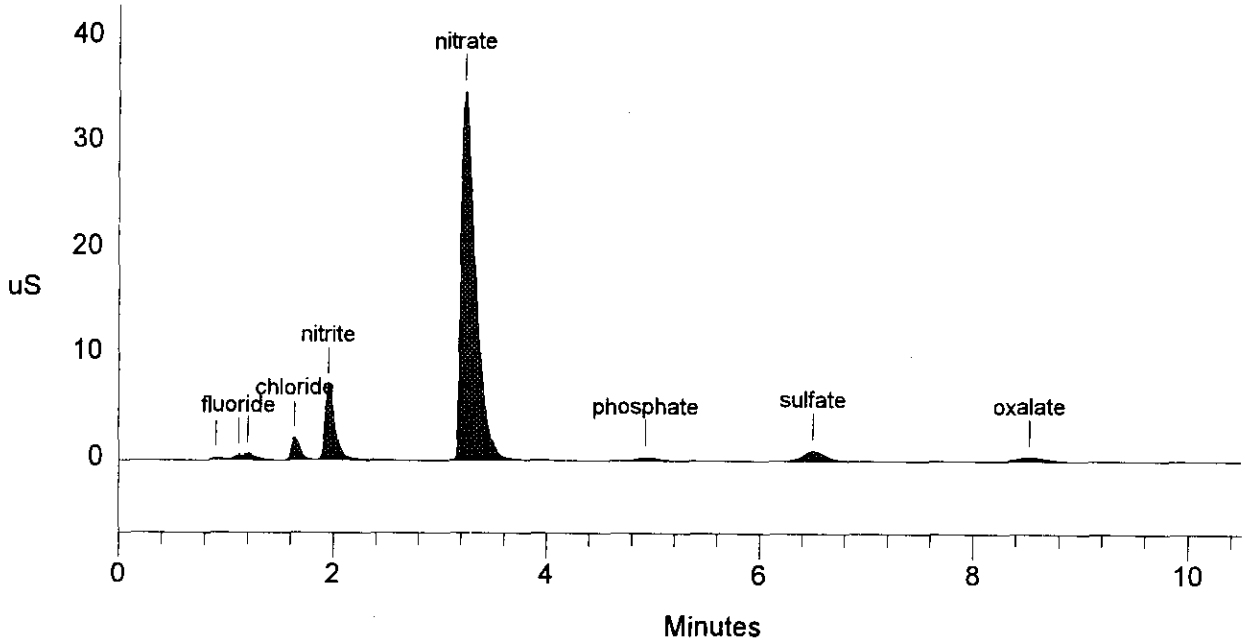
Sample Name: S96T001839 DUP	Date: 05/26/1996 03:37:27
Data File : C:\DX\DATA\96052541.d03	
Method : C:\DX\METHOD\AUTOMEL.met	WHC-SD-WM-DP-182, REV. 1
ACI Address: 1 System: 1 Inject#: 3	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	158	914	2	
2	1.12	fluoride	5.188	430	2012	2	4.67
3	1.21		0.000	546	4054	2	
4	1.64	chloride	32.723	2050	10759	1	-0.81
5	1.96	nitrite	194.449	7058	44370	1	-2.65
6	3.24	nitrate	1467.202	34780	328540	1	-2.21
7	4.93	phosphate	41.502	292	4011	1	0.00
8	6.51	sulfate	57.031	954	14293	1	0.00
9	8.53	oxalate	38.076	395	7430	1	0.00
		Totals	1836.172	46664	416382		

File: 96052541.d03 Sample: S96T001839 DUP



Data Reprocessed On 05/28/1996 11:04:45

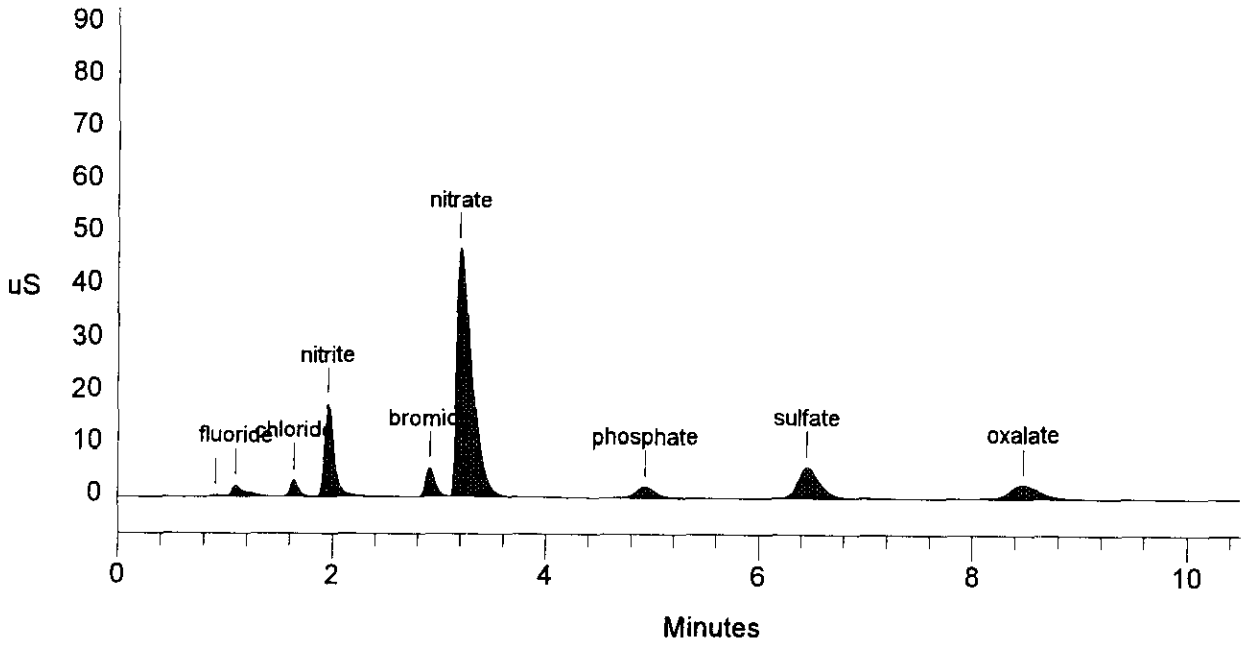
Sample Name: S96T001839 SPIKE	Date: 05/26/1996 03:50:39
Data File : C:\DX\DATA\96052531.d04	
Method : C:\DX\METHOD\AUTOMEL.met	WHC-SD-WM-DP-182, REV. 1
ACI Address: 1 System: 1 Inject#: 4	Detector: CDM-1
Analyst :	Column: AG4A/AS4A anion column

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	257	1457	2	
2	1.10	fluoride	39.280	2160	17757	2	2.80
3	1.64	chloride	50.253	3161	16654	1	-0.81
4	1.96	nitrite	462.410	17509	108338	1	-2.65
5	2.91	bromide	216.101	5431	33140	1	-1.58
6	3.20	nitrate	1977.155	46745	463473	1	-3.42
7	4.93	phosphate	267.517	2110	27022	1	0.00
8	6.45	sulfate	312.376	5848	82819	1	-0.82
9	8.48	oxalate	249.151	2730	51535	1	-0.62
		Totals	3574.243	85952	802195		

File: 96052531.d04 Sample: S96T001839 SPIKE



Data Reprocessed On 05/28/1996 11:04:48

Sample Name: S96T001851 SAMPLE Date: 05/26/1996 04:03:51
Data File : C:\DX\DATA\96052531.d05
Method : C:\DX\METHOD\AUTOMEL.met
ACI Address: 1 System: 1 Inject#: 5 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column

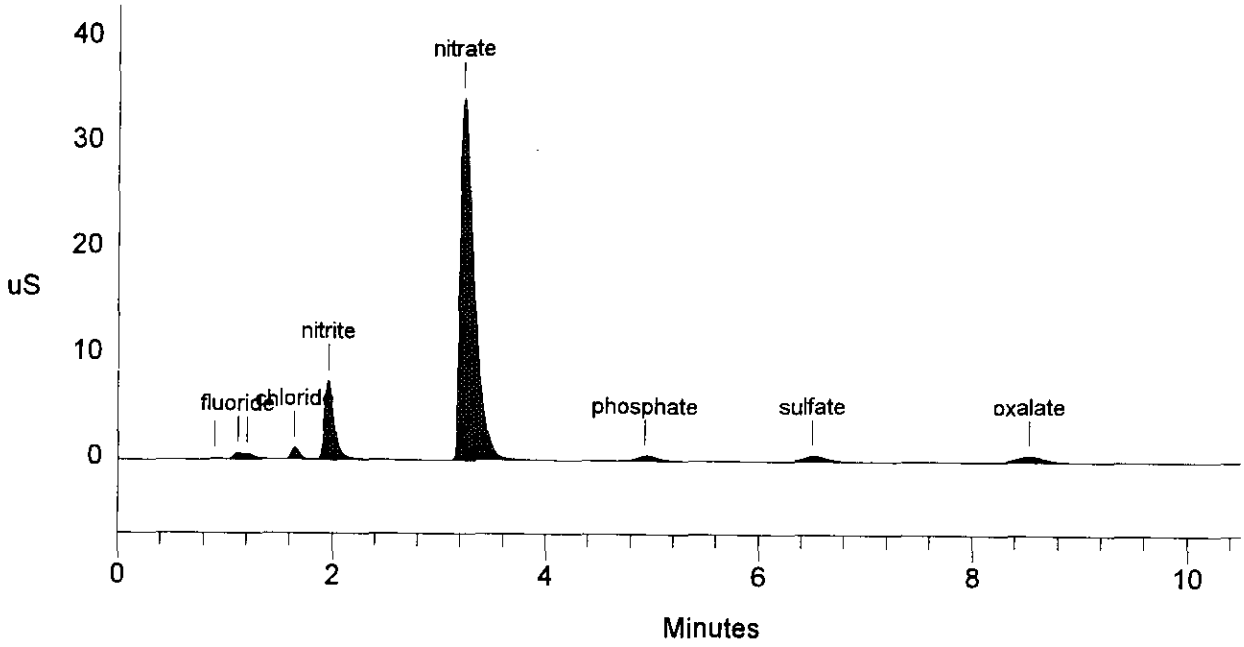
WHC-SD-WM-DP-182, REV. 1

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	41	3150	5Hz	0.00	10.50		100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	150	823	2	
2	1.12	fluoride	7.823	625	3197	2	4.67
3	1.21		0.000	573	3971	2	
4	1.65	chloride	18.578	1135	6070	1	-0.40
5	1.96	nitrite	209.723	7543	47966	1	-2.65
6	3.23	nitrate	1414.068	34197	315235	1	-2.62
7	4.93	phosphate	70.354	511	6900	1	0.00
8	6.51	sulfate	34.651	555	8411	1	0.00
9	8.53	oxalate	55.427	576	11027	1	0.00
		Totals	1810.625	45863	403600		

File: 96052531.d05 Sample: S96T001851 SAMPLE



Data Reprocessed On 05/28/1996 11:04:50

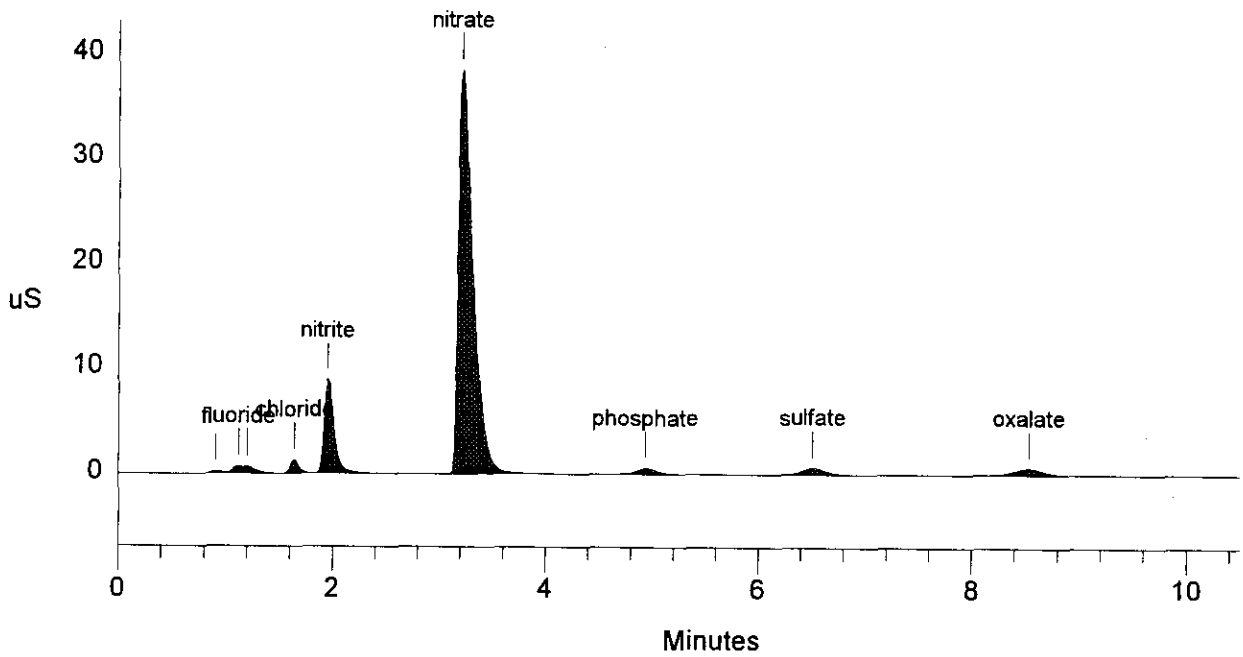
Sample Name: S96T001851 DUP	Date: 05/26/1996 04:17:04
Data File : C:\DX\DATA\96052531.d06	WHC-SD-WM-DP-182, REV. 1
Method : C:\DX\METHOD\AUTOMEL.met	
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column	

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	41	3150	5Hz	0.00	10.50	100

********** Peak Report: All Peaks **********

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	179	1045	2	
2	1.12	fluoride	9.035	712	3744	2	4.67
3	1.20		0.000	687	4967	2	
4	1.64	chloride	21.553	1307	7051	1	-0.81
5	1.95	nitrite	244.800	8879	56247	1	-2.98
6	3.21	nitrate	1599.521	38340	362245	1	-3.02
7	4.93	phosphate	77.441	575	7611	1	0.00
8	6.51	sulfate	40.239	654	9878	1	0.00
9	8.53	oxalate	61.313	641	12249	1	0.00
		Totals	2053.901	51973	465036		

File: 96052531.d06 Sample: S96T001851 DUP



LABCORE Data Entry Template for Worklist# 6118

Analyst: DK 5/40 **Instrument:** ICP01 _____ **Book#** 51548a

Method: LA-505-151/161 Rev/Mod D-3

Worklist Comment: ICP U-105 (DIRECT)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	SERDIL	S96T001018	0	D	@ICP-D01	LIQUID		
6	SAMPLE	S96T001018	0	D	@ICP-D01	LIQUID	96000092	U-105 (R)
		Analytes Requested:			AL-D-01 , B-D-01 , BA-D-01 , BI-D-01 , CA-D-01 , CR-D-01 , FE-D-01 , K-D-01 , LI-D-01 , MN-D-01 , NA-D-01 , NI-D-01 , P-D-01 , SI-D-01 , U-D-01 , ZN-D-01 , ZR-D-01			
7	DUP	S96T001018	0	D	@ICP-D01	LIQUID		
8	SPK	S96T001018	0	D	@ICP-D01	LIQUID		
9	ICSA				@ICP-QC	QC		
10	ICSAB				@ICP-QC	QC		
11	CCV				@ICP-QC	QC		
12	CCB				@ICP-QC	QC		

Final page for worklist # 6118

DK 5/40 03-25-96
Analyst Signature **Date**

Reviewed by: Samuel M. Pang 3/27/96
Analyst Signature **Date**

S96T001018_L, 2-4-1-4, DI 20
S96T001018 2-4 4
S96T001018_D 2-4 4
S96T001018_a 2-4 4, 2 mL sample + 1.6 mL SSTS + 4.4 mL HNO_3

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Identity 1: ICV Identity 2: Quality Control 1:56 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.976	5.088	5.083	4.834	5.074	5.037	5.058	5.150
S.D.	0.006	0.003	0.008	0.007	0.010	0.008	0.003	0.023
% R.S.D.	0.130	0.065	0.156	0.138	0.196	0.150	0.060	0.441

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.086	5.118	5.149	5.227	5.189	5.144	5.352	9.660
S.D.	0.004	0.011	0.004	0.010	0.005	0.007	0.018	0.021
% R.S.D.	0.075	0.210	0.072	0.197	0.088	0.133	0.340	0.218

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.194	5.172	5.110	5.028	5.030	5.036	5.193	5.104
S.D.	0.004	0.009	0.004	0.042	0.011	0.004	0.009	0.024
% R.S.D.	0.084	0.170	0.076	0.838	0.226	0.077	0.181	0.467

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.011	5.027	5.096	5.179	4.911	5.124	5.144	5.195
S.D.	0.009	0.015	0.007	0.025	0.003	0.008	0.010	0.020
% R.S.D.	0.189	0.301	0.144	0.491	0.071	0.158	0.194	0.376

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.151	4.776	5.087	5.276	5.035
S.D.	0.005	0.007	0.007	0.006	0.017
% R.S.D.	0.105	0.154	0.141	0.112	0.345

JK [illegible]
03-25-96
4-105 S96TC01018
Worklist # 6118

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 797 TO 798.

Identity 1: ICB Identity 2: Quality Control 2:00 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.001	0.004	0.003	0.013	0.003	-0.000	0.001
S.D.	0.002	0.000	0.023	0.004	0.011	0.003	0.001	0.000
% R.S.D.	272.155	26.064	586.005	134.002	83.806	99.571	204.346	18.923

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.002	-0.002	0.005	-0.000	0.004	0.014	-0.039
S.D.	0.001	0.001	0.004	0.002	0.000	0.001	0.006	0.063
% R.S.D.	56.795	26.633	172.866	28.687	48.238	36.712	44.855	162.638

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.050	0.017	0.001	-0.021	0.002	0.000	0.003	0.020
S.D.	0.013	0.013	0.000	0.011	0.003	0.000	0.004	0.005
% R.S.D.	25.752	75.260	24.680	55.346	164.778	70686929.381	149.079	23.080

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	0.046	0.004	0.000	0.000	0.002	-0.000	-0.088
S.D.	0.000	0.016	0.002	0.012	0.001	0.001	0.002	0.013
% R.S.D.	31.491	35.008	35.933	18167.886	3931.217	37.412	500.925	14.804

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.002	0.016	0.002	0.000	0.045
S.D.	0.001	0.015	0.002	0.000	0.025
% R.S.D.	28.683	95.684	117.877	71.883	55.143

Identity 1: ICSA Identity 2: Quality Control 2:03 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.003	0.003	-0.011	0.024	202.123	0.003	0.001	0.001
S.D.	0.002	0.000	0.012	0.006	0.855	0.002	0.001	0.000
% R.S.D.	47.705	9.160	109.425	25.435	0.423	54.061	56.944	70.015

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.004	0.003	0.002	101.576	99.034	0.009	0.042	-0.144
S.D.	0.000	0.001	0.002	0.351	0.395	0.001	0.000	0.056
% R.S.D.	9.909	46.364	69.442	0.346	0.398	16.054	0.640	38.748

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.050	0.018	0.004	0.033	0.000	98.470	0.036	199.157
S.D.	0.014	0.012	0.000	0.011	0.010	0.218	0.005	1.563
% R.S.D.	29.171	65.601	10.155	33.715	2129.088	0.222	12.654	0.785

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.000	0.024	0.006	0.039	-0.001	0.005	0.011	-0.135
S.D.	0.000	0.024	0.001	0.015	0.001	0.001	0.000	0.007
% R.S.D.	96.508	100.085	20.448	38.972	108.304	15.262	1.384	4.810

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.006	-0.047	0.002	0.003	0.041
S.D.	0.000	0.008	0.001	0.000	0.032
% R.S.D.	7.334	16.179	62.967	4.277	78.797

Identity 1: ICSAB Identity 2: Quality Control 2:05 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.003	0.002	-0.031	0.016	202.161	0.490	0.509	0.984
S.D.	0.001	0.000	0.006	0.002	0.268	0.005	0.001	0.009
% R.S.D.	29.443	3.039	19.997	12.870	0.133	0.937	0.202	0.910

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.997	0.999	0.006	102.092	99.500	0.516	0.026	-0.089
S.D.	0.003	0.002	0.003	0.126	0.195	0.003	0.007	0.051
% R.S.D.	0.335	0.207	47.568	0.123	0.196	0.543	27.436	57.641

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.037	0.027	0.530	0.035	0.005	99.055	0.042	197.588
S.D.	0.014	0.010	0.000	0.011	0.009	0.320	0.005	1.646
% R.S.D.	37.902	35.328	0.024	30.388	201.578	0.323	11.098	0.833

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	0.076	1.055	1.034	-0.000	1.028	0.011	-0.145
S.D.	0.002	0.012	0.002	0.008	0.000	0.003	0.000	0.022
% R.S.D.	141.520	16.129	0.189	0.749	30.303	0.297	1.758	15.143

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.521	0.028	0.500	0.519	0.094
S.D.	0.001	0.018	0.002	0.001	0.024
% R.S.D.	0.257	65.296	0.439	0.221	25.571

Identity 1: S96T001018_L Identity 2: 2-6-1-4 ml 2:11 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 20.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.050	0.020	-0.119	2.122	24.455	0.181	0.068	0.088
S.D.	0.006	0.001	0.125	0.062	1.604	0.000	0.005	0.006
% R.S.D.	12.817	3.849	105.441	2.930	6.561	0.017	6.766	6.850

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.087	0.008	-0.067	0.791	1.380	0.289	0.565	-2.527
S.D.	0.009	0.015	0.043	0.856	0.809	0.026	0.143	0.254
% R.S.D.	10.655	187.130	64.326	108.302	58.625	8.941	25.276	10.035

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	1.538	-0.072	0.036	5.410	5.933	0.898	0.065	661.834
S.D.	0.244	0.064	0.005	0.159	0.156	0.792	0.051	3.025
% R.S.D.	15.874	88.434	13.321	2.945	2.626	88.219	78.760	0.457

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.116	0.622	0.123	0.082	-0.022	0.016	3.711	2.138
S.D.	0.010	0.129	0.012	0.273	0.005	0.011	0.021	0.362
% R.S.D.	8.246	20.662	9.523	333.742	20.883	64.062	0.566	16.935

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.032	-0.726	0.084	0.013	1.831
S.D.	0.004	0.134	0.013	0.003	0.550
% R.S.D.	11.665	18.433	14.972	19.502	30.019

Identity 1: S96T001018 Identity 2: 2-6 ml 2:14 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 4.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.014	0.004	-0.023	2.119	23.032	0.000	0.041	0.053
S.D.	0.007	0.000	0.043	0.021	0.081	0.000	0.001	0.000
% R.S.D.	49.310	10.657	183.310	0.999	0.352	27.635	1.671	0.653

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.075	0.028	-0.012	0.028	0.474	0.181	0.085	-0.558
S.D.	0.002	0.011	0.000	0.007	0.005	0.004	0.017	0.155
% R.S.D.	2.502	40.305	0.629	25.272	1.047	2.335	19.389	27.709

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.189	0.009	0.003	5.619	5.965	0.162	0.016	646.698
S.D.	0.044	0.025	0.001	0.047	0.037	0.004	0.007	7.588
% R.S.D.	23.109	263.181	21.060	0.835	0.628	2.471	45.487	1.173

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.118	0.207	0.009	0.125	-0.003	0.006	3.732	3.500
S.D.	0.003	0.054	0.003	0.029	0.002	0.002	0.020	0.000
% R.S.D.	2.649	25.874	33.439	22.924	87.091	24.176	0.547	0.000

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	-0.068	0.006	0.000	0.177
S.D.	0.001	0.071	0.003	0.001	0.076
% R.S.D.	1995.800	104.200	44.518	407.211	43.116

Identity 1: S96T001018_D Identity 2: 2-6 ml 2:19 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 4.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.002	0.030	2.204	23.309	0.012	0.037	0.053
S.D.	0.005	0.001	0.022	0.002	0.125	0.012	0.002	0.001
% R.S.D.	332.970	24.980	75.227	0.105	0.537	99.833	4.874	1.645

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.071	0.038	-0.019	0.038	0.482	0.169	0.029	-0.055
S.D.	0.000	0.008	0.014	0.009	0.004	0.004	0.006	0.258
% R.S.D.	0.441	20.004	75.558	23.129	0.844	2.265	21.537	467.209

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.024	0.038	0.001	5.723	6.059	0.290	0.009	653.076
S.D.	0.049	0.042	0.001	0.045	0.056	0.006	0.015	8.813
% R.S.D.	201.170	111.467	120.200	0.788	0.921	1.902	168.411	1.349

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.115	0.189	0.005	0.141	0.003	0.006	3.767	3.276
S.D.	0.007	0.024	0.004	0.011	0.001	0.001	0.023	0.043
% R.S.D.	5.825	12.615	75.829	7.809	30.117	9.715	0.613	1.315

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.002	0.029	-0.002	-0.000	0.203
S.D.	0.002	0.093	0.003	0.001	0.083
% R.S.D.	92.024	323.731	157.656	175.533	41.113

Identity 1: S96T001018_A Identity 2: 2sam+1.6sst5+4.4hno3 2:23 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 4.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.050	4.185	4.180	8.343	27.340	4.087	4.214	4.138
S.D.	0.020	0.028	0.045	0.049	0.100	0.014	0.035	0.040
% R.S.D.	0.482	0.657	1.067	0.590	0.367	0.340	0.835	0.955

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.146	4.147	4.195	4.241	4.760	4.337	4.412	7.485
S.D.	0.008	0.028	0.011	0.016	0.034	0.032	0.035	0.157
% R.S.D.	0.182	0.668	0.267	0.372	0.716	0.745	0.804	2.097

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.373	4.262	4.193	9.686	10.162	4.282	4.229	657.582
S.D.	0.047	0.005	0.031	0.189	0.121	0.012	0.013	5.499
% R.S.D.	1.069	0.120	0.740	1.951	1.192	0.288	0.312	0.836

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.198	4.247	3.735	4.391	4.005	4.123	7.825	7.172
S.D.	0.010	0.048	0.013	0.027	0.017	0.002	0.046	0.006
% R.S.D.	0.232	1.127	0.361	0.611	0.428	0.056	0.593	0.083

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.154	3.841	4.130	4.259	4.252
S.D.	0.013	0.201	0.018	0.019	0.075
% R.S.D.	0.320	5.226	0.437	0.446	1.775

Identity 1: ICSA Identity 2: Quality Control 2:29 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.005	0.002	-0.021	0.026	204.762	0.000	-0.001	-0.000
S.D.	0.002	0.000	0.011	0.003	1.042	0.002	0.001	0.001
% R.S.D.	46.418	7.632	53.770	12.939	0.509	918.893	102.644	115.202

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.005	0.003	0.005	102.761	100.161	0.005	0.036	-0.112
S.D.	0.000	0.001	0.004	0.620	0.575	0.003	0.014	0.079
% R.S.D.	3.208	44.762	67.280	0.604	0.574	61.835	40.464	70.168

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.002	0.018	0.003	0.028	0.019	99.128	0.042	200.895
S.D.	0.023	0.020	0.000	0.004	0.008	0.161	0.004	0.956
% R.S.D.	1313.205	107.707	14.299	16.135	42.182	0.163	9.725	0.476

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	0.032	0.003	0.005	0.000	0.003	0.008	-0.174
S.D.	0.001	0.025	0.001	0.019	0.000	0.001	0.001	0.021
% R.S.D.	261.127	80.416	40.683	394.415	461.511	26.493	16.436	12.098

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.005	-0.015	-0.001	0.003	0.019
S.D.	0.000	0.013	0.001	0.000	0.039
% R.S.D.	8.895	85.724	123.220	4.568	208.264

Identity 1: ICSAB Identity 2: Quality Control 2:34 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.003	-0.041	0.009	202.470	0.497	0.506	0.985
S.D.	0.001	0.000	0.006	0.001	0.757	0.009	0.001	0.004
% R.S.D.	81.618	2.624	15.076	8.265	0.374	1.848	0.243	0.382

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.001	0.998	0.001	101.321	98.512	0.522	0.052	-0.099
S.D.	0.003	0.003	0.004	0.207	0.219	0.004	0.006	0.038
% R.S.D.	0.339	0.252	377.551	0.205	0.222	0.823	12.121	38.242

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.080	0.012	0.526	0.005	0.031	99.520	0.050	197.544
S.D.	0.010	0.006	0.001	0.011	0.009	0.597	0.006	0.639
% R.S.D.	12.982	47.755	0.250	213.634	27.695	0.600	11.889	0.324

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.036	1.058	1.075	-0.001	1.022	0.012	-0.073
S.D.	0.001	0.009	0.003	0.016	0.000	0.004	0.001	0.008
% R.S.D.	78.573	25.524	0.245	1.524	65.125	0.421	4.661	10.847

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.519	-0.031	0.502	0.516	0.079
S.D.	0.002	0.028	0.002	0.001	0.018
% R.S.D.	0.437	91.176	0.321	0.136	22.370

Identity 1: CCV Identity 2: Quality Control 2:38 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.977	5.104	5.149	4.854	5.157	5.066	5.057	5.155
S.D.	0.025	0.028	0.017	0.025	0.028	0.014	0.034	0.038
% R.S.D.	0.499	0.556	0.326	0.519	0.539	0.281	0.672	0.738

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.114	5.113	5.141	5.211	5.192	5.168	5.283	9.616
S.D.	0.008	0.022	0.020	0.042	0.036	0.012	0.043	0.018
% R.S.D.	0.166	0.427	0.396	0.807	0.701	0.241	0.812	0.182

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.210	5.149	5.119	5.064	5.058	5.081	5.216	5.177
S.D.	0.005	0.025	0.033	0.042	0.037	0.015	0.034	0.034
% R.S.D.	0.100	0.494	0.638	0.826	0.731	0.288	0.654	0.657

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.067	5.059	5.110	5.186	4.932	5.127	5.131	5.182
S.D.	0.017	0.029	0.016	0.019	0.022	0.016	0.034	0.063
% R.S.D.	0.333	0.581	0.314	0.366	0.443	0.318	0.654	1.214

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.151	4.739	5.086	5.272	5.006
S.D.	0.020	0.032	0.020	0.027	0.016
% R.S.D.	0.395	0.672	0.389	0.509	0.324

Identity 1: CCB Identity 2: Quality Control 2:42 PM March 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.001	0.001	0.006	0.022	-0.001	-0.001	-0.000
S.D.	0.001	0.000	0.008	0.001	0.000	0.002	0.000	0.000
% R.S.D.	44.726	39.130	979.300	17.798	2.311	174.234	20.314	100.454

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	-0.003	0.002	0.009	0.008	0.000	0.019	-0.072
S.D.	0.000	0.000	0.001	0.003	0.001	0.000	0.005	0.049
% R.S.D.	32.851	16.176	44.230	33.343	19.058	160.150	24.436	67.322

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.004	-0.004	0.000	-0.013	0.009	0.008	0.003	0.041
S.D.	0.014	0.009	0.000	0.004	0.003	0.001	0.005	0.005
% R.S.D.	363.442	238.947	70.213	33.229	27.333	18.890	178.737	11.321

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.068	0.003	0.022	0.000	0.002	-0.000	-0.113
S.D.	0.001	0.006	0.001	0.011	0.000	0.001	0.000	0.016
% R.S.D.	103.402	8.089	34.119	50.057	336.699	28.922	25.363	13.741

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.002	-0.005	0.001	0.000	0.048
S.D.	0.000	0.055	0.001	0.000	0.021
% R.S.D.	19.059	1006.923	53.408	351.342	43.994

03-25-96

LABCORE Data Entry Template for Worklist# 6145

Analyst: B. Goeckle **Instrument:** ~~ICP01~~ ICPQL 6-17-96 **Book#** 566486

Method: LA-505-~~151~~ 161 6-17-96/161 Rev/Mod B-1

Worklist Comment: ICP U-105 (WATER DIGEST)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	LLS ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPBLKTJA				@ICP-I01	SOLID		
6	SERDIL	S96T000930	0	I	@ICP-I01	SOLID		
7	SAMPLE	S96T000930	0	I	@ICP-I01	SOLID	96000092	U-105 (R)
8	DUP	S96T000930	0	I	@ICP-I01	SOLID		
9	SPK	S96T000930	0	I	@ICP-I01	SOLID		
10	ICSA				@ICP-QC	QC		
11	ICSAB				@ICP-QC	QC		
12	CCV				@ICP-QC	QC		
13	CCB				@ICP-QC	QC		

Analytes Requested: AG-I-01 , AL-I-01 , AS-I-01 , B-I-01 , BA-I-01 , BE-I-01 , BI-I-01 , CA-I-01 , CD-I-01 , CE-I-01 , CO-I-01 , CR-I-01 , CU-I-01 , FE-I-01 , K-I-01 , LA-I-01 , LI-I-01 , MG-I-01 , MN-I-01 , MO-I-01 , NA-I-01 , ND-I-01 , NI-I-01 , P-I-01 , PB-I-01 , S-I-01 , SB-I-01 , SE-I-01 , SI-I-01 , SM-I-01 , SR-I-01 , TI-I-01 , TL-I-01 , U-I-01 , V-I-01 , ZN-I-01 , ZR-I-01

Data Entry Comments: Sample result calculation

S96T000930 $Cr = 1.338 \frac{ug}{ml} \times \frac{1}{4.42 \frac{g}{L} \times \frac{1L}{1000ml}} = \cancel{3.0}\ 3.03e+2 \frac{ug}{g}$ 6/18/96

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Note: $4.42 \frac{g}{L}$ is sample prep dilution factor which can be found in sample prep worklist.

LABCORE Data Entry Template for Worklist# 6145

S Type	Sample#	R	A	Test	Matrix	Group#	Project

Final page for worklist # 6145

Reviewed by:

Analyst Signature: [signature] Date: 6-17-96

Analyst Signature: [signature] Date: 6/18/96

PREPARE TIA	DIRECT	DF
596T000930-L	5-5-2-8	10
930	5-5	2
930-D	5-5	2
930-A	5-2-3	2

Spike recovery calculation:

596T000930 $Cr = \frac{\left(\frac{3.368}{2}\right) - \left(\frac{1.338}{2}\right)}{1} \times 100 = 101.5\%$

Note: Spike true value is 1.0 ppm for all elements except for U = 2.0 ppm.

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Analysis Report Summary Mon 06-17-96 03:19:28 PM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	960617A	ICP2	06/17/96	10:27	BJG	Q	CONC
2	ICB	960617A	ICP2	06/17/96	10:30	BJG	Q	CONC
3	LLS	960617A	ICP2	06/17/96	10:40	BJG	Q	CONC
4	ICSA	960617A	ICP2	06/17/96	10:43	BJG	Q	CONC
5	ICSAB	960617A	ICP2	06/17/96	10:46	BJG	Q	CONC
6	PREPBLKTJA	960617A	ICP2	06/17/96	10:53	BJG	S	CONC
7	S96T000930_L	960617A	ICP2	06/17/96	10:58	BJG	S	CONC
8	S96T000930_	960617A	ICP2	06/17/96	11:01	BJG	S	CONC
9	S96T000930_D	960617A	ICP2	06/17/96	11:04	BJG	S	CONC
10	S96T000930_A	960617A	ICP2	06/17/96	11:08	BJG	S	CONC
11	ICSA	960617A	ICP2	06/17/96	11:11	BJG	Q	CONC
12	ICSAB	960617A	ICP2	06/17/96	11:14	BJG	Q	CONC
13	CCV	960617A	ICP2	06/17/96	11:16	BJG	Q	CONC
14	CCB	960617A	ICP2	06/17/96	11:19	BJG	Q	CONC

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 801 TO 804.

6-17-96

U-105 WATER DIGEST

FILE: 0960624.TXT

Analysis Report Averages Mon 06-17-96 03:19:28 PM page 2

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	5.010	4.963	5.196	5.070	5.154	5.234
2	ICB	.0006	.0102	-.0042	.0055	-.0000	.0002
3	LLS	.0212	.1044	.1995	.1087	.0995	.0105
4	ICSA	.0024	245.6	-.0830	-.0005	.0019	.0004
5	ICSAB	.9886	245.3	-.0812	.0064	.4997	.4944
6	PREPBLKTJA	-.0002	.1268	-.0021	2.005	.0037	.0002
7	S96T000930_L	.0764	28.10	-.1758	.9237	.0023	.0018
8	S96T000930_	.0671	27.93	-.0486	.8597	.0029	.0005
9	S96T000930_D	.0632	17.10	-.0447	1.074	.0017	.0003
10	S96T000930_A	1.993	30.72	2.170	2.855	2.092	2.130
11	ICSA	.0100	248.1	-.0876	.0087	.0020	.0004
12	ICSAB	.9928	247.2	-.1072	.0044	.5031	.5004
13	CCV	5.016	5.028	5.261	5.148	5.188	5.353
14	CCB	.0018	.0106	-.0008	.0047	.0001	.0004

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	5.173	5.108	5.050	5.255	5.085	5.121
2	ICB	.0118	.0019	.0020	.0067	-.0018	.0000
3	LLS	.2277	.1987	.0119	.2000	.0412	.0191
4	ICSA	.0114	250.1	.0017	.0120	.0003	.0092
5	ICSAB	.0328	254.0	.9652	.0123	.4816	.4973
6	PREPBLKTJA	-.0038	.2077	.0007	-.0035	-.0015	.0000
7	S96T000930_L	.2675	1.658	.0605	.0567	.0253	1.352
8	S96T000930_	.0377	1.661	.0508	.0056	.0032	1.338
9	S96T000930_D	.0299	1.439	.0494	-.0348	.0041	1.262
10	S96T000930_A	2.157	3.705	2.038	2.167	2.013	3.368
11	ICSA	.0039	253.4	.0014	.0099	.0014	.0089
12	ICSAB	.0309	254.8	.9663	.0100	.4780	.4974
13	CCV	5.183	5.104	5.009	5.306	5.058	5.098
14	CCB	.0184	.0001	.0032	-.0010	-.0016	-.0007

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.295	-.0037	5.117	4.941	5.171	5.142
2	ICB	.0002	-.0018	.0017	-.3193	.0005	-.0011
3	LLS	.0204	-.0010	.1020	Q.2957	.1015	.0196
4	ICSA	-.0099	-.0307	94.56	-.1446	-.0048	.0016
5	ICSAB	.5036	-.0355	94.91	-.0708	-.0046	1.005
6	PREPBLKTJA	.0112	-.0007	.0072	-.1039	-.0006	.0000
7	S96T000930_L	.0665	-.0161	.1400	5.901	.0101	-.0104
8	S96T000930_	.0524	-.0039	.1368	7.725	.0084	-.0030
9	S96T000930_D	.0533	-.0051	.1332	7.923	.0017	-.0035
10	S96T000930_A	2.218	-.0061	2.189	9.902	2.139	2.127
11	ICSA	-.0103	-.0350	95.40	.0854	-.0050	.0038
12	ICSAB	.5088	-.0363	95.40	.1125	-.0046	1.024
13	CCV	5.425	-.0043	5.120	4.849	5.210	5.369
14	CCB	.0003	-.0027	.0029	-.0248	.0011	-.0020

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#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.935	4.997	5.089	5.077	5.233	5.036
2	ICB	-.0014	-.0003	.0042	-.0179	-.0031	-.0022
3	LLS	.1963	.0189	.0993	.1946	.1981	.0444
4	ICSA	252.1	-.0072	-.0014	203.9	.0077	-.0155
5	ICSAB	253.1	.4566	-.0006	201.4	.0099	.9481
6	PREPBLKTJA	.0157	.0003	-.0000	2.568	-.0016	-.0008
7	S96T000930_L	.0864	.0479	.1910	894.8	.0375	.5003
8	S96T000930_	-.0061	.0501	.1847	892.8	.0297	.4628
9	S96T000930_D	.0028	.0505	.1823	892.8	.0268	.4777
10	S96T000930_A	1.968	1.989	2.228	896.1	2.194	2.472
11	ICSA	254.3	-.0074	-.0071	205.8	.0072	-.0119
12	ICSAB	255.1	.4577	-.0045	204.3	.0099	.9500
13	CCV	5.022	4.943	5.073	5.176	5.304	5.037
14	CCB	.0021	-.0006	.0037	-.0265	-.0028	-.0022

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	4.901	5.023	4.900	4.830	4.989	4.837
2	ICB	.0080	-.0131	-.0146	.0127	.0328	-.0012
3	LLS	.3880	.1981	.1837	.1055	.2180	.1210
4	ICSA	.0040	.0332	-.0090	.0035	-.0722	-.0109
5	ICSAB	.0229	1.033	-.0248	.0166	-.0505	-.0029
6	PREPBLKTJA	.0010	.0005	.0147	.0111	.0369	.3173
7	S96T000930_L	9.771	.4553	32.03	.1113	.5314	1.804
8	S96T000930_	9.717	.3324	31.50	.0345	.2347	1.823
9	S96T000930_D	3.298	.3268	31.58	.0299	.2714	1.786
10	S96T000930_A	12.26	2.298	33.12	1.970	2.528	4.369
11	ICSA	.0059	.0282	-.0248	.0132	-.0604	.0374
12	ICSAB	.0229	1.029	-.0192	.0182	-.0560	.0155
13	CCV	4.968	4.929	4.949	4.860	5.025	4.888
14	CCB	-.0190	-.0081	-.0167	.0060	.0165	.0278

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	5.035	5.084	-.0005	4.972	4.863	10.02
2	ICB	-.0244	-.0003	.0121	-.0002	-.0145	-.0906
3	LLS	.1885	.0201	.0051	.0202	.4061	.4584
4	ICSA	-.0216	.0012	.0100	.0007	-.0164	.0051
5	ICSAB	-.0145	.0016	.0151	.0017	-.0002	-.0032
6	PREPBLKTJA	-.0096	.0008	.0046	.0019	-.0032	-.0370
7	S96T000930_L	-.2310	.0041	.0846	.0049	-.0148	-.3062
8	S96T000930_	-.0622	.0060	.0060	-.0002	.0179	.2923
9	S96T000930_D	-.0769	.0058	-.0219	-.0004	-.0228	.3704
10	S96T000930_A	2.007	2.098	.0002	2.024	1.989	4.502
11	ICSA	-.0264	.0011	.0114	.0010	-.0109	-.0199
12	ICSAB	-.0230	.0016	.0113	.0017	.0169	-.0191
13	CCV	5.091	5.162	-.0001	5.037	4.884	10.14
14	CCB	-.0392	-.0004	.0156	.0001	.0027	-.1409

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#	Sample Name	V	Y	Zn	Zr
1	ICV	5.088	.0056	5.069	5.035
2	ICB	-.0041	-.0010	-.0012	-.0036
3	LLS	.1013	-.0000	.0198	.0186
4	ICSA	-.0052	.0059	.0010	-.0067
5	ICSAB	.4779	.0064	.9827	-.0062
6	PREPBLKTJA	-.0015	-.0005	.0072	-.0010
7	S96T000930_L	-.0300	-.0038	.0547	-.0302
8	S96T000930_	-.0065	.0018	.0598	-.0078
9	S96T000930_D	-.0126	.0011	.0501	-.0078
10	S96T000930_A	2.041	.0040	2.081	2.037
11	ICSA	-.0061	.0057	.0004	-.0075
12	ICSAB	.4791	.0060	.9833	-.0070
13	CCV	5.104	.0047	5.057	5.036
14	CCB	-.0070	-.0017	-.0015	-.0055

FILE # 960411C.DAT

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LABCORE Data Entry Template for Worklist# 6193

Analyst: B. GOECKE **Instrument:** ICP01 _____ **Book#** 53/84/5

Method: LA-505-151/~~161~~ 165 Rev/Mod 0-3

Worklist Comment: ICP U-105 (DIRECT)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	SERDIL	S96T001168	0	D	@ICP-D03	LIQUID		
6	SAMPLE	S96T001168	0	D	@ICP-D03	LIQUID	96000143	U-105 (R)
		Analytes Requested: LI-D-01						
7	DUP	S96T001168	0	D	@ICP-D03	LIQUID		
8	SPK	S96T001168	0	D	@ICP-D03	LIQUID		
9	ICSA				@ICP-QC	QC		
10	ICSAB				@ICP-QC	QC		
11	CCV				@ICP-QC	QC		
12	CCB				@ICP-QC	QC		

Final page for worklist # 6193

B. Goecke 4-11-96
Analyst Signature **Date**

Reviewed by: Saul M. Pavez 4/12/96
Analyst Signature **Date**

		D.F.
S96T001168-L	.5mL-10mL-2mL-8mL	105
S96T001168	.5mL-10mL	21
S96T001168-D	.5mL-10mL	21
S96T001168-A	.5mL-2mL-8mL	21

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6193

Analyst: bjg **Instrument:** ICP01 **Book#** _____

Method: _____ Rev/Mod _____

Worklist Comment: ICP U-105 (DIRECT)

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
1	ICV		0		@ICP-QC AG	QC	5.0	4.93e+00	98.600	% Recovery
1	ICV		0		@ICP-QC AL	QC	5.0	4.87e+00	97.400	% Recovery
1	ICV		0		@ICP-QC AS	QC	5.0	5.06e+00	101.200	% Recovery
1	ICV		0		@ICP-QC B	QC	5.0	5.11e+00	102.200	% Recovery
1	ICV		0		@ICP-QC BA	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0		@ICP-QC BE	QC	5.0	5.15e+00	103.000	% Recovery
1	ICV		0		@ICP-QC BI	QC	5.0	5.00e+00	100.000	% Recovery
1	ICV		0		@ICP-QC CA	QC	5.0	4.93e+00	98.600	% Recovery
1	ICV		0		@ICP-QC CD	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0		@ICP-QC CE	QC	5.0	5.11e+00	102.200	% Recovery
1	ICV		0		@ICP-QC CO	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV		0		@ICP-QC CR	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0		@ICP-QC CU	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0		@ICP-QC FE	QC	5.0	5.10e+00	102.000	% Recovery
1	ICV		0		@ICP-QC K	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0		@ICP-QC LA	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0		@ICP-QC LI	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV		0		@ICP-QC MG	QC	5.0	4.84e+00	96.800	% Recovery
1	ICV		0		@ICP-QC MN	QC	5.0	5.00e+00	100.000	% Recovery
1	ICV		0		@ICP-QC MO	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV		0		@ICP-QC NA	QC	5.0	4.95e+00	99.000	% Recovery
1	ICV		0		@ICP-QC ND	QC	5.0	5.25e+00	105.000	% Recovery
1	ICV		0		@ICP-QC NI	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0		@ICP-QC P	QC	5.0	4.86e+00	97.200	% Recovery
1	ICV		0		@ICP-QC PB	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0		@ICP-QC S	QC	5.0	4.90e+00	98.000	% Recovery
1	ICV		0		@ICP-QC SB	QC	5.0	4.71e+00	94.200	% Recovery
1	ICV		0		@ICP-QC SE	QC	5.0	5.12e+00	102.400	% Recovery
1	ICV		0		@ICP-QC SI	QC	5.0	4.76e+00	95.200	% Recovery
1	ICV		0		@ICP-QC SM	QC	5.0	5.00e+00	100.000	% Recovery
1	ICV		0		@ICP-QC SR	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0		@ICP-QC TI	QC	5.0	4.84e+00	96.800	% Recovery
1	ICV		0		@ICP-QC TL	QC	5.0	4.89e+00	97.800	% Recovery
1	ICV		0		@ICP-QC U	QC	10.0	9.81e+00	98.100	% Recovery
1	ICV		0		@ICP-QC V	QC	5.0	5.08e+00	101.600	% Recovery
1	ICV		0		@ICP-QC ZN	QC	5.0	5.09e+00	101.800	% Recovery
1	ICV		0		@ICP-QC ZR	QC	5.0	4.96e+00	99.200	% Recovery
2	ICB		0		@ICP-QC AG	QC	1	1.52e-02	2.000e-002	ug/g
2	ICB		0		@ICP-QC AL	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC AS	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC B	QC	1	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6193

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
2	ICB		0	@ICP-QC	BA	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	BE	QC	1	<5.00e-3		ug/g
2	ICB		0	@ICP-QC	BI	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CA	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CD	QC	1	<5.00e-3		ug/g
2	ICB		0	@ICP-QC	CE	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CO	QC	1	<2.00e-2		ug/g
2	ICB		0	@ICP-QC	CR	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	CU	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	FE	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	K	QC	1	<5.00e-1		ug/g
2	ICB		0	@ICP-QC	LA	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	LI	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	MG	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	MN	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	MO	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	NA	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	ND	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	NI	QC	1	<2.00e-2		ug/g
2	ICB		0	@ICP-QC	P	QC	1	<2.00e-1		ug/g
2	ICB		0	@ICP-QC	PB	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	S	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SB	QC	1	<6.00e-2		ug/g
2	ICB		0	@ICP-QC	SE	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SI	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	SM	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SR	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	TI	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	TL	QC	1	<2.00e-1		ug/g
2	ICB		0	@ICP-QC	U	QC	1	<5.00e-1		ug/g
2	ICB		0	@ICP-QC	V	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	ZN	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	AG	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	AL	QC	200	1.95e+02	97.500	% Recovery
3	ICSA		0	@ICP-QC	AS	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	B	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	BA	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	BE	QC	1	<5.00e-3		ug/g
3	ICSA		0	@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
3	ICSA		0	@ICP-QC	CD	QC	1	<5.00e-3		ug/g
3	ICSA		0	@ICP-QC	CE	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	CO	QC	1	<2.00e-2		ug/g
3	ICSA		0	@ICP-QC	CR	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	CU	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	FE	QC	100.	9.61e+01	96.100	% Recovery
3	ICSA		0	@ICP-QC	K	QC	1	<5.00e-1		ug/g
3	ICSA		0	@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6193

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
4	ICSAB		0		@ICP-QC	SI	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	SM	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	SR	QC	1.0	<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC	TI	QC	1.0	<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
4	ICSAB		0		@ICP-QC	U	QC	1.0	<5.00e-1		ug/g
4	ICSAB		0		@ICP-QC	V	QC	0.5	4.98e-01	99.600	% Recovery
4	ICSAB		0		@ICP-QC	ZN	QC	1.0	9.94e-01	99.400	% Recovery
4	ICSAB		0		@ICP-QC	ZR	QC	1.0	<1.00e-2		ug/g
5	SAMPLE	S96T001168	0	D	@ICP-D03	LI-D-01	LIQUID	N/A	1.40e+03	0.210	ug/mL
6	DUP	S96T001168	0	D	@ICP-D03	LI-D-01	LIQUID	1.40e+03	1.38e+03	1.440	RPD
7	SPK	S96T001168	0	D	@ICP-D03	LI-D-01	LIQUID	1	<2.10e-1		% Recovery
8	ICSA		0		@ICP-QC	AG	QC	1	1.70e-02	2.000e-002	ug/g
8	ICSA		0		@ICP-QC	AL	QC	200	1.94e+02	97.000	% Recovery
8	ICSA		0		@ICP-QC	AS	QC	1	<1.00e-1		ug/g
8	ICSA		0		@ICP-QC	B	QC	1	<5.00e-2		ug/g
8	ICSA		0		@ICP-QC	BA	QC	1	<5.00e-2		ug/g
8	ICSA		0		@ICP-QC	BE	QC	1	<5.00e-3		ug/g
8	ICSA		0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
8	ICSA		0		@ICP-QC	CA	QC	100.	1.02e+02	102.000	% Recovery
8	ICSA		0		@ICP-QC	CD	QC	1	<5.00e-3		ug/g
8	ICSA		0		@ICP-QC	CE	QC	1	<1.00e-1		ug/g
8	ICSA		0		@ICP-QC	CO	QC	1	<2.00e-2		ug/g
8	ICSA		0		@ICP-QC	CR	QC	1	<1.00e-2		ug/g
8	ICSA		0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
8	ICSA		0		@ICP-QC	FE	QC	100.	9.66e+01	96.600	% Recovery
8	ICSA		0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
8	ICSA		0		@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
8	ICSA		0		@ICP-QC	LI	QC	1	1.42e-02	1.000e-002	ug/g
8	ICSA		0		@ICP-QC	MG	QC	100.	1.02e+02	102.000	% Recovery
8	ICSA		0		@ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
8	ICSA		0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
8	ICSA		0		@ICP-QC	NA	QC	200	1.90e+02	95.000	% Recovery
8	ICSA		0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
8	ICSA		0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
8	ICSA		0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
8	ICSA		0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
8	ICSA		0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
8	ICSA		0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
8	ICSA		0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
8	ICSA		0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
8	ICSA		0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
8	ICSA		0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
8	ICSA		0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
8	ICSA		0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
8	ICSA		0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
8	ICSA		0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
8	ICSA		0		@ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
8	ICSA		0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6193

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
9	ICSAB	0		@ICP-QC	AG	QC	1.0	9.95e-01	99.500	% Recovery
9	ICSAB	0		@ICP-QC	AL	QC	200	1.94e+02	97.000	% Recovery
9	ICSAB	0		@ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
9	ICSAB	0		@ICP-QC	B	QC	1.0	<5.00e-2		ug/g
9	ICSAB	0		@ICP-QC	BA	QC	0.5	5.09e-01	101.800	% Recovery
9	ICSAB	0		@ICP-QC	BE	QC	0.5	5.00e-01	100.000	% Recovery
9	ICSAB	0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
9	ICSAB	0		@ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
9	ICSAB	0		@ICP-QC	CD	QC	1.0	9.79e-01	97.900	% Recovery
9	ICSAB	0		@ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
9	ICSAB	0		@ICP-QC	CO	QC	0.5	4.77e-01	95.400	% Recovery
9	ICSAB	0		@ICP-QC	CR	QC	0.5	4.91e-01	98.200	% Recovery
9	ICSAB	0		@ICP-QC	CU	QC	0.5	5.04e-01	100.800	% Recovery
9	ICSAB	0		@ICP-QC	FE	QC	100	9.64e+01	96.400	% Recovery
9	ICSAB	0		@ICP-QC	K	QC	1.0	<5.00e-1		ug/g
9	ICSAB	0		@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
9	ICSAB	0		@ICP-QC	LI	QC	1.0	9.52e-01	95.200	% Recovery
9	ICSAB	0		@ICP-QC	MG	QC	100.	1.00e+02	100.000	% Recovery
9	ICSAB	0		@ICP-QC	MN	QC	0.5	4.93e-01	98.600	% Recovery
9	ICSAB	0		@ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
9	ICSAB	0		@ICP-QC	NA	QC	200	1.93e+02	96.500	% Recovery
9	ICSAB	0		@ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
9	ICSAB	0		@ICP-QC	NI	QC	1.0	9.61e-01	96.100	% Recovery
9	ICSAB	0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
9	ICSAB	0		@ICP-QC	PB	QC	1.0	9.78e-01	97.800	% Recovery
9	ICSAB	0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
9	ICSAB	0		@ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
9	ICSAB	0		@ICP-QC	SE	QC	1.0	<1.00e-1		ug/g
9	ICSAB	0		@ICP-QC	SI	QC	1.0	<5.00e-2		ug/g
9	ICSAB	0		@ICP-QC	SM	QC	1.0	<1.00e-1		ug/g
9	ICSAB	0		@ICP-QC	SR	QC	1.0	<1.00e-2		ug/g
9	ICSAB	0		@ICP-QC	TI	QC	1.0	<1.00e-2		ug/g
9	ICSAB	0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
9	ICSAB	0		@ICP-QC	U	QC	1.0	<5.00e-1		ug/g
9	ICSAB	0		@ICP-QC	V	QC	0.5	4.92e-01	98.400	% Recovery
9	ICSAB	0		@ICP-QC	ZN	QC	1.0	9.82e-01	98.200	% Recovery
9	ICSAB	0		@ICP-QC	ZR	QC	1.0	<1.00e-2		ug/g
10	CCV	0		@ICP-QC	AG	QC	5.0	4.87e+00	97.400	% Recovery
10	CCV	0		@ICP-QC	AL	QC	5.0	4.94e+00	98.800	% Recovery
10	CCV	0		@ICP-QC	AS	QC	5.0	4.97e+00	99.400	% Recovery
10	CCV	0		@ICP-QC	B	QC	5.0	5.09e+00	101.800	% Recovery
10	CCV	0		@ICP-QC	BA	QC	5.0	4.92e+00	98.400	% Recovery
10	CCV	0		@ICP-QC	BE	QC	5.0	5.09e+00	101.800	% Recovery
10	CCV	0		@ICP-QC	BI	QC	5.0	4.88e+00	97.600	% Recovery
10	CCV	0		@ICP-QC	CA	QC	5.0	4.93e+00	98.600	% Recovery
10	CCV	0		@ICP-QC	CD	QC	5.0	4.91e+00	98.200	% Recovery
10	CCV	0		@ICP-QC	CE	QC	5.0	5.00e+00	100.000	% Recovery
10	CCV	0		@ICP-QC	CO	QC	5.0	4.92e+00	98.400	% Recovery
10	CCV	0		@ICP-QC	CR	QC	5.0	4.90e+00	98.000	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6193

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
10	CCV	0		@ICP-QC	CU	QC	5.0	5.00e+00	100.000	% Recovery
10	CCV	0		@ICP-QC	FE	QC	5.0	5.12e+00	102.400	% Recovery
10	CCV	0		@ICP-QC	K	QC	5.0	5.12e+00	102.400	% Recovery
10	CCV	0		@ICP-QC	LA	QC	5.0	5.00e+00	100.000	% Recovery
10	CCV	0		@ICP-QC	LI	QC	5.0	4.95e+00	99.000	% Recovery
10	CCV	0		@ICP-QC	MG	QC	5.0	4.79e+00	95.800	% Recovery
10	CCV	0		@ICP-QC	MN	QC	5.0	4.94e+00	98.800	% Recovery
10	CCV	0		@ICP-QC	MO	QC	5.0	4.85e+00	97.000	% Recovery
10	CCV	0		@ICP-QC	NA	QC	5.0	5.06e+00	101.200	% Recovery
10	CCV	0		@ICP-QC	ND	QC	5.0	5.32e+00	106.400	% Recovery
10	CCV	0		@ICP-QC	NI	QC	5.0	4.92e+00	98.400	% Recovery
10	CCV	0		@ICP-QC	P	QC	5.0	4.66e+00	93.200	% Recovery
10	CCV	0		@ICP-QC	PB	QC	5.0	4.99e+00	99.800	% Recovery
10	CCV	0		@ICP-QC	S	QC	5.0	4.73e+00	94.600	% Recovery
10	CCV	0		@ICP-QC	SB	QC	5.0	4.78e+00	95.600	% Recovery
10	CCV	0		@ICP-QC	SE	QC	5.0	5.00e+00	100.000	% Recovery
10	CCV	0		@ICP-QC	SI	QC	5.0	4.70e+00	94.000	% Recovery
10	CCV	0		@ICP-QC	SM	QC	5.0	5.00e+00	100.000	% Recovery
10	CCV	0		@ICP-QC	SR	QC	5.0	4.91e+00	98.200	% Recovery
10	CCV	0		@ICP-QC	TI	QC	5.0	4.76e+00	95.200	% Recovery
10	CCV	0		@ICP-QC	TL	QC	5.0	4.82e+00	96.400	% Recovery
10	CCV	0		@ICP-QC	U	QC	10.0	9.80e+00	98.000	% Recovery
10	CCV	0		@ICP-QC	V	QC	5.0	5.02e+00	100.400	% Recovery
10	CCV	0		@ICP-QC	ZN	QC	5.0	5.02e+00	100.400	% Recovery
10	CCV	0		@ICP-QC	ZR	QC	5.0	4.92e+00	98.400	% Recovery
11	CCB	0		@ICP-QC	AG	QC	1	1.65e-02	2.000e-002	ug/g
11	CCB	0		@ICP-QC	AL	QC	1	<5.00e-2		ug/g
11	CCB	0		@ICP-QC	AS	QC	1	<1.00e-1		ug/g
11	CCB	0		@ICP-QC	B	QC	1	<5.00e-2		ug/g
11	CCB	0		@ICP-QC	BA	QC	1	<5.00e-2		ug/g
11	CCB	0		@ICP-QC	BE	QC	1	<5.00e-3		ug/g
11	CCB	0		@ICP-QC	BI	QC	1	<1.00e-1		ug/g
11	CCB	0		@ICP-QC	CA	QC	1	<1.00e-1		ug/g
11	CCB	0		@ICP-QC	CD	QC	1	<5.00e-3		ug/g
11	CCB	0		@ICP-QC	CE	QC	1	<1.00e-1		ug/g
11	CCB	0		@ICP-QC	CO	QC	1	<2.00e-2		ug/g
11	CCB	0		@ICP-QC	CR	QC	1	<1.00e-2		ug/g
11	CCB	0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
11	CCB	0		@ICP-QC	FE	QC	1	<5.00e-2		ug/g
11	CCB	0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
11	CCB	0		@ICP-QC	LA	QC	1	<5.00e-2		ug/g
11	CCB	0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
11	CCB	0		@ICP-QC	MG	QC	1	<1.00e-1		ug/g
11	CCB	0		@ICP-QC	MN	QC	1	<1.00e-2		ug/g
11	CCB	0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
11	CCB	0		@ICP-QC	NA	QC	1	<1.00e-1		ug/g
11	CCB	0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
11	CCB	0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
11	CCB	0		@ICP-QC	P	QC	1	<2.00e-1		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6193

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
11	CCB		0		●ICP-QC PB	QC	1	<1.00e-1		ug/g
11	CCB		0		●ICP-QC S	QC	1	<1.00e-1		ug/g
11	CCB		0		●ICP-QC SB	QC	1	<6.00e-2		ug/g
11	CCB		0		●ICP-QC SE	QC	1	<1.00e-1		ug/g
11	CCB		0		●ICP-QC SI	QC	1	<5.00e-2		ug/g
11	CCB		0		●ICP-QC SM	QC	1	<1.00e-1		ug/g
11	CCB		0		●ICP-QC SR	QC	1	<1.00e-2		ug/g
11	CCB		0		●ICP-QC TI	QC	1	<1.00e-2		ug/g
11	CCB		0		●ICP-QC TL	QC	1	<2.00e-1		ug/g
11	CCB		0		●ICP-QC U	QC	1	<5.00e-1		ug/g
11	CCB		0		●ICP-QC V	QC	1	<5.00e-2		ug/g
11	CCB		0		●ICP-QC ZN	QC	1	<1.00e-2		ug/g
11	CCB		0		●ICP-QC ZR	QC	1	<1.00e-2		ug/g

Final page for worklist# 6193

Analyst Signature Date

Analyst Signature Date

Reviewer Signature Date 4/12/96

Units shown for QC (BLK/BKG) may not reflect the actual units.

Identity 1: ICV Identity 2: Quality Control 6:42 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.963	4.985	5.001	4.758	4.870	5.019	5.031	4.973
S.D.	0.010	0.010	0.012	0.006	0.004	0.013	0.020	0.061
% R.S.D.	0.202	0.208	0.243	0.119	0.079	0.265	0.400	1.234

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.090	4.984	5.044	5.102	4.928	4.982	5.251	9.813
S.D.	0.008	0.012	0.023	0.018	0.013	0.016	0.025	0.044
% R.S.D.	0.151	0.233	0.458	0.345	0.273	0.326	0.481	0.450

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.111	5.001	4.984	4.856	4.902	4.838	5.058	4.952
S.D.	0.010	0.017	0.013	0.215	0.051	0.013	0.008	0.056
% R.S.D.	0.201	0.340	0.261	4.432	1.043	0.259	0.150	1.138

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.969	5.120	4.929	5.028	4.842	4.985	5.110	5.040
S.D.	0.011	0.028	0.006	0.049	0.008	0.013	0.024	0.061
% R.S.D.	0.213	0.556	0.123	0.980	0.169	0.253	0.464	1.208

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.001	4.709	5.076	5.148	4.890
S.D.	0.013	0.053	0.015	0.008	0.015
% R.S.D.	0.270	1.122	0.304	0.161	0.300

4-11-96
U-105
.5mL-10mL
Li only
FILE # 960411C.DAT

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 812 TO 823.

Identity 1: ICB Identity 2: Quality Control 6:45 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.003	0.001	0.029	0.009	0.011	0.001	0.001	0.008
S.D.	0.001	0.000	0.013	0.002	0.001	0.000	0.000	0.001
% R.S.D.	16.343	12.000	45.470	24.221	11.493	0.434	7.542	15.984

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	-0.001	0.005	-0.002	0.003	-0.000	-0.005	0.141
S.D.	0.000	0.001	0.002	0.000	0.000	0.002	0.003	0.033
% R.S.D.	50.000	73.361	30.800	6.776	6.560	882.028	53.886	23.298

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.038	-0.010	0.001	-0.014	0.003	0.000	-0.006	0.024
S.D.	0.003	0.005	0.000	0.010	0.004	0.000	0.004	0.001
% R.S.D.	7.719	54.552	8.206	69.633	130.998	150.000	79.337	5.587

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	0.013	0.015	0.003	0.001	-0.000	0.004	0.011
S.D.	0.001	0.007	0.001	0.011	0.000	0.000	0.001	0.003
% R.S.D.	71.632	56.347	8.350	359.436	9.408	484.354	19.093	23.065

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	-0.030	0.001	0.001	0.041
S.D.	0.000	0.003	0.001	0.000	0.006
% R.S.D.	222.973	10.458	101.758	18.257	13.797

Identity 1: ICSA Identity 2: Quality Control 6:49 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.000	0.003	-0.023	0.009	194.885	0.002	0.003	0.006
S.D.	0.002	0.000	0.012	0.002	0.439	0.003	0.000	0.002
% R.S.D.	458.772	12.060	52.722	21.768	0.225	145.656	7.572	33.923

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ce (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.004	0.004	0.006	96.126	103.207	0.001	0.001	0.002
S.D.	0.000	0.002	0.002	0.243	0.308	0.002	0.015	0.065
% R.S.D.	3.272	48.426	40.410	0.252	0.298	120.155	1186.029	2650.044

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.053	0.029	0.005	0.031	-0.018	101.638	0.045	191.785
S.D.	0.015	0.014	0.000	0.023	0.006	0.180	0.002	1.001
% R.S.D.	28.774	46.465	10.364	74.192	33.313	0.177	5.025	0.522

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.098	0.010	0.023	0.001	-0.001	0.013	-0.126
S.D.	0.000	0.023	0.000	0.005	0.000	0.001	0.001	0.016
% R.S.D.	57.719	23.569	3.368	22.721	27.306	97.789	3.832	12.831

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.056	0.003	0.004	0.041
S.D.	0.000	0.012	0.000	0.000	0.025
% R.S.D.	23.312	20.661	10.957	10.735	59.724

Identity 1: ICSAB Identity 2: Quality Control 6:52 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.003	-0.017	0.010	195.613	0.491	0.502	0.949
S.D.	0.001	0.000	0.014	0.006	0.506	0.003	0.002	0.005
% R.S.D.	91.442	8.133	85.017	58.736	0.259	0.694	0.304	0.575

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.994	0.966	0.007	96.117	103.199	0.491	-0.004	0.018
S.D.	0.001	0.001	0.001	0.083	0.106	0.003	0.009	0.039
% R.S.D.	0.051	0.105	19.352	0.086	0.103	0.576	220.289	221.998

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.028	-0.005	0.510	0.033	0.011	102.025	0.043	192.645
S.D.	0.007	0.005	0.000	0.015	0.012	0.203	0.008	1.372
% R.S.D.	26.262	103.181	0.071	45.137	114.574	0.199	18.401	0.712

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.000	0.036	0.992	0.996	0.001	0.983	0.014	-0.053
S.D.	0.000	0.013	0.007	0.020	0.000	0.005	0.000	0.008
% R.S.D.	419.547	35.406	0.678	2.046	63.247	0.545	2.584	14.637

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.496	0.003	0.498	0.502	0.058
S.D.	0.002	0.016	0.001	0.001	0.022
% R.S.D.	0.456	486.645	0.146	0.217	37.473

Identity 1: S96T001168_L Identity 2: .5ml-10ml-2ml-8ml 6:56 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 105.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.022	0.124	1.526	3.468	9.195	0.826	0.278	1424.009
S.D.	0.070	0.007	0.638	0.181	2.305	0.179	0.019	8.611
% R.S.D.	325.180	5.455	41.793	5.230	25.066	21.646	6.777	0.605

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.154	-0.080	0.048	3.746	6.005	0.436	1.120	1.416
S.D.	0.008	0.090	0.080	1.299	1.392	0.147	1.347	4.895
% R.S.D.	5.176	113.042	166.628	34.682	23.186	33.585	120.307	345.616

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	7.027	-0.524	0.287	1.732	1.186	3.820	-0.178	16.690
S.D.	1.126	0.796	0.031	0.907	0.347	1.391	0.440	2.894
% R.S.D.	16.028	152.010	10.832	52.382	29.270	36.421	247.782	17.341

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.141	-3.154	0.483	0.478	-0.003	0.057	0.065	3.893
S.D.	0.059	0.582	0.060	0.102	0.042	0.025	0.093	0.272
% R.S.D.	41.800	18.445	12.478	21.332	1258.943	43.345	143.695	6.976

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.004	-1.088	0.370	0.062	6.597
S.D.	0.015	2.117	0.016	0.049	1.929
% R.S.D.	345.709	194.533	4.313	78.690	29.243

Identity 1: S96T001168 Identity 2: .5ml-10ml 6:59 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 21.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.019	0.023	0.381	3.346	0.935	-0.083	0.036	1396.779
S.D.	0.035	0.002	0.152	0.041	0.158	0.071	0.006	8.777
% R.S.D.	180.872	6.792	39.785	1.212	16.853	86.533	15.981	0.628

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.051	0.087	0.028	0.443	2.378	-0.055	-0.451	0.077
S.D.	0.009	0.024	0.029	0.112	0.101	0.022	0.183	1.544
% R.S.D.	17.991	27.314	102.849	25.246	4.243	40.074	40.545	1993.636

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.145	0.052	0.097	0.427	0.902	0.583	0.039	6.114
S.D.	0.235	0.304	0.007	0.135	0.052	0.094	0.076	0.159
% R.S.D.	161.733	588.474	7.148	31.760	5.736	16.075	196.378	2.606

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.015	0.826	0.013	0.191	0.005	0.018	-0.005	-0.000
S.D.	0.027	0.288	0.019	0.122	0.001	0.010	0.022	0.547
% R.S.D.	183.326	34.831	153.268	63.880	24.595	56.906	450.236	1141297.857

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.002	0.034	-0.027	0.002	0.452
S.D.	0.006	0.450	0.016	0.000	0.849
% R.S.D.	290.170	1311.298	59.597	12.837	187.754

Identity 1: S96T001168_D Identity 2: .5ml-10ml 7:03 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 21.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.028	0.032	0.029	3.122	0.602	0.165	0.065	1377.179
S.D.	0.016	0.001	0.261	0.030	0.103	0.036	0.003	1.448
% R.S.D.	57.046	2.440	894.885	0.947	17.143	21.634	4.408	0.105

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.061	-0.047	0.113	0.200	2.226	0.042	0.101	-0.915
S.D.	0.005	0.022	0.028	0.073	0.026	0.003	0.042	0.349
% R.S.D.	8.174	46.221	24.984	36.294	1.187	6.405	41.346	38.102

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	1.266	-0.670	0.118	0.447	0.717	0.321	-0.070	6.081
S.D.	0.152	0.047	0.002	0.081	0.062	0.026	0.042	0.188
% R.S.D.	11.991	6.985	2.050	18.017	8.626	8.097	59.931	3.086

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.003	0.135	0.076	0.076	-0.007	0.012	-0.010	0.960
S.D.	0.006	0.220	0.011	0.083	0.004	0.013	0.007	0.381
% R.S.D.	200.114	162.539	14.470	108.219	56.638	114.274	68.110	39.755

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	0.072	0.029	0.001	1.718
S.D.	0.007	1.285	0.014	0.000	0.320
% R.S.D.	3785.032	1773.941	48.406	3.185	18.648

Identity 1: S96T001168_A Identity 2: .5ml-2ml-8ml 7:06 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 21.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	19.837	19.867	19.483	22.475	19.581	19.901	20.192	1362.434
S.D.	0.029	0.095	0.203	0.060	0.006	0.107	0.118	23.096
% R.S.D.	0.146	0.480	1.041	0.266	0.029	0.539	0.582	1.695

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	20.311	19.754	20.170	22.029	21.512	19.839	21.629	37.597
S.D.	0.019	0.063	0.043	0.134	0.071	0.060	0.246	1.536
% R.S.D.	0.093	0.317	0.213	0.607	0.331	0.302	1.138	4.085

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	21.216	19.254	19.858	19.653	20.025	19.007	20.089	25.657
S.D.	0.258	0.196	0.100	0.145	0.179	0.019	0.178	0.469
% R.S.D.	1.214	1.019	0.501	0.736	0.895	0.101	0.888	1.826

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	19.465	20.368	17.226	20.578	19.189	19.694	20.146	23.153
S.D.	0.106	0.398	0.022	0.223	0.044	0.051	0.155	0.544
% R.S.D.	0.545	1.955	0.129	1.084	0.229	0.257	0.771	2.350

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	19.976	18.735	20.285	20.243	19.537
S.D.	0.023	0.501	0.035	0.035	0.854
% R.S.D.	0.116	2.673	0.174	0.174	4.370

Identity 1: ICSA Identity 2: Quality Control 7:08 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.004	0.002	-0.006	0.016	194.246	0.003	0.001	0.014
S.D.	0.001	0.000	0.012	0.001	0.440	0.002	0.000	0.004
% R.S.D.	18.833	4.537	189.022	8.731	0.227	56.849	37.601	28.617

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.004	0.006	0.004	96.560	102.369	0.003	-0.011	0.093
S.D.	0.000	0.001	0.002	0.177	0.218	0.002	0.004	0.038
% R.S.D.	10.187	21.525	42.961	0.184	0.212	67.516	34.456	40.270

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.016	0.040	0.003	0.036	0.007	101.764	0.057	190.441
S.D.	0.006	0.009	0.000	0.005	0.003	0.231	0.004	0.722
% R.S.D.	38.964	22.617	5.392	13.287	48.594	0.227	6.237	0.379

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.002	0.017	-0.031	0.001	-0.003	0.014	0.043
S.D.	0.001	0.017	0.001	0.013	0.000	0.001	0.001	0.005
% R.S.D.	154.197	887.163	3.846	41.705	16.578	37.529	6.287	12.492

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	0.005	-0.001	0.003	0.023
S.D.	0.000	0.030	0.001	0.000	0.015
% R.S.D.	122.024	567.182	132.389	4.226	66.190

B

Identity 1: ICSAB Identity 2: Quality Control 7:11 PM April 11, 1996

Task name : OPTIMA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.002	-0.018	0.017	194.469	0.477	0.504	0.952
S.D.	0.001	0.000	0.004	0.002	0.510	0.000	0.001	0.007
% R.S.D.	29.615	2.913	19.864	9.514	0.262	0.001	0.284	0.744

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.982	0.961	0.002	96.355	102.884	0.491	-0.010	0.096
S.D.	0.001	0.007	0.006	0.147	0.138	0.003	0.014	0.008
% R.S.D.	0.086	0.763	326.065	0.153	0.134	0.664	135.681	8.768

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.015	0.023	0.509	0.026	0.016	99.964	0.041	192.728
S.D.	0.008	0.006	0.001	0.014	0.015	0.133	0.008	1.403
% R.S.D.	53.561	26.453	0.132	54.142	91.950	0.133	19.001	0.728

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Tl (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	0.036	0.995	0.978	0.001	0.979	0.013	-0.075
S.D.	0.001	0.014	0.000	0.007	0.000	0.003	0.000	0.004
% R.S.D.	103.443	39.041	0.025	0.723	20.765	0.357	0.348	5.234

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.493	-0.010	0.492	0.500	0.013
S.D.	0.002	0.016	0.000	0.001	0.005
% R.S.D.	0.388	155.860	0.024	0.154	36.723

Identity 1: CCV Identity 2: Quality Control 7:16 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.916	4.914	4.880	4.704	4.936	4.919	4.998	4.953
S.D.	0.019	0.030	0.041	0.008	0.031	0.015	0.033	0.059
% R.S.D.	0.394	0.603	0.845	0.161	0.634	0.296	0.666	1.184

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.017	4.919	4.996	5.115	4.927	4.901	5.317	9.805
S.D.	0.002	0.009	0.038	0.009	0.032	0.009	0.029	0.009
% R.S.D.	0.042	0.182	0.767	0.183	0.644	0.189	0.546	0.095

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.002	5.002	4.923	4.662	4.727	4.793	4.967	5.062
S.D.	0.014	0.021	0.033	0.191	0.088	0.015	0.019	0.053
% R.S.D.	0.279	0.428	0.680	4.097	1.859	0.308	0.381	1.051

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.847	5.000	4.874	4.992	4.760	4.915	5.088	5.125
S.D.	0.005	0.024	0.011	0.036	0.022	0.010	0.023	0.037
% R.S.D.	0.104	0.489	0.225	0.718	0.460	0.208	0.454	0.721

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.939	4.778	5.016	5.093	4.823
S.D.	0.015	0.025	0.016	0.022	0.029
% R.S.D.	0.298	0.522	0.314	0.436	0.604

Identity 1: CCB Identity 2: Quality Control 7:19 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.000	0.007	0.002	0.039	0.005	0.001	0.005
S.D.	0.000	0.000	0.013	0.002	0.013	0.002	0.000	0.001
% R.S.D.	29.782	19.245	178.467	121.738	34.007	34.614	22.622	26.067

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.004	-0.004	0.021	0.019	0.001	-0.002	0.045
S.D.	0.001	0.002	0.001	0.008	0.005	0.001	0.005	0.028
% R.S.D.	43.773	49.090	17.606	37.309	27.429	83.818	347.478	61.551

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.036	0.000	0.001	0.000	-0.001	0.017	-0.006	0.077
S.D.	0.008	0.005	0.000	0.008	0.003	0.005	0.004	0.008
% R.S.D.	23.411	38407.035	13.692	2677.820	278.796	31.760	59.403	10.751

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.011	0.017	0.008	0.001	0.001	0.004	0.044
S.D.	0.001	0.012	0.003	0.007	0.000	0.001	0.000	0.017
% R.S.D.	202.494	110.887	15.380	83.753	38.944	69.259	3.610	39.168

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	0.012	0.003	0.000	0.021
S.D.	0.000	0.026	0.000	0.000	0.015
% R.S.D.	138.995	213.949	12.086	27.732	72.459

LABCORE Data Entry Template for Worklist# 6458

Analyst: JK Lato **Instrument:** ICP01 _____ **Book#** 53B48B

Method: LA-505-151/161 Rev/Mod 1-3

Worklist Comment: ICP U-105 (DIRECT)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	SERDIL	S96T001232	0	D	@ICP-D01	LIQUID		
6	SAMPLE	S96T001232	0	D	@ICP-D01	LIQUID	96000143	U-105 (R)

Analytes Requested: AG-D-01 , AL-D-01 , AS-D-01 , B-D-01 , BA-D-01 , BE-D-01 , BI-D-01 , CA-D-01 , CD-D-01 , CE-D-01 , CO-D-01 , CR-D-01 , CU-D-01 , FE-D-01 , K-D-01 , LA-D-01 , LI-D-01 , MG-D-01 , MN-D-01 , MO-D-01 , NA-D-01 , ND-D-01 , NI-D-01 , P-D-01 , PB-D-01 , S-D-01 , SB-D-01 , SE-D-01 , SI-D-01 , SM-D-01 , SR-D-01 , TI-D-01 , TL-D-01 , U-D-01 , V-D-01 , ZN-D-01 , ZR-D-01

7	DUP	S96T001232	0	D	@ICP-D01	LIQUID		
8	SPK	S96T001232	0	D	@ICP-D01	LIQUID		
9	CCV				@ICP-QC	QC		
10	CCB				@ICP-QC	QC		
11	SERDIL	S96T001234	0	D	@ICP-D01	LIQUID		
12	SAMPLE	S96T001234	0	D	@ICP-D01	LIQUID	96000143	U-105 (R)

Analytes Requested: AG-D-01 , AL-D-01 , AS-D-01 , B-D-01 , BA-D-01 , BE-D-01 , BI-D-01 , CA-D-01 , CD-D-01 , CE-D-01 , CO-D-01 , CR-D-01 , CU-D-01 , FE-D-01 , K-D-01 , LA-D-01 , LI-D-01 , MG-D-01 , MN-D-01 , MO-D-01 , NA-D-01 , ND-D-01 , NI-D-01 , P-D-01 , PB-D-01 , S-D-01 , SB-D-01 , SE-D-01 , SI-D-01 , SM-D-01 , SR-D-01 , TI-D-01 , TL-D-01 , U-D-01 , V-D-01 , ZN-D-01 , ZR-D-01

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6458

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
13	DUP	S96T001234	0	D	@ICP-D01	LIQUID		
14	SPK	S96T001234	0	D	@ICP-D01	LIQUID		
15	ICSA				@ICP-QC	QC		
16	ICSAB				@ICP-QC	QC		
17	CCV				@ICP-QC	QC		
18	CCB				@ICP-QC	QC		

Final page for worklist # 6458

JK [illegible] 03-29-96
Analyst Signature Date

Reviewed by:
Saul M. Perry 4/1/96
Analyst Signature Date

S96T001232_L, .25-10-1-4 — DF 205
S96T001232, .25-10 — 41
S96T001232_D, .25-10 — 41
S96T001232_Q, .25-10, .25 ml sample + 2 ml SST5 + 8 ml HNO_3 — 41

S96T001234_L, .5-10-1-4 — DF 105
S96T001234, .5-10 — 21
S96T001234_D, .5-10 — 21
S96T001234_Q, .5-10, .5 ml sample + 2.1 ml SST5 + 7.9 ml HNO_3 — 21

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

File #: 9403394

Identity 1: ICV Identity 2: Quality Control 9:34 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.986	5.134	5.117	4.762	5.045	5.108	5.094	5.215
S.D.	0.031	0.041	0.016	0.024	0.035	0.027	0.048	0.077
% R.S.D.	0.622	0.806	0.315	0.503	0.700	0.526	0.949	1.472

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.111	5.142	5.122	5.159	5.139	5.168	5.209	9.981
S.D.	0.013	0.011	0.035	0.010	0.041	0.018	0.060	0.020
% R.S.D.	0.255	0.205	0.688	0.200	0.792	0.340	1.148	0.201

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.218	5.188	5.159	5.105	5.018	5.023	5.237	5.156
S.D.	0.031	0.036	0.047	0.160	0.062	0.016	0.032	0.068
% R.S.D.	0.592	0.694	0.904	3.142	1.237	0.327	0.602	1.327

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.095	5.001	5.022	5.114	4.966	5.150	5.091	5.175
S.D.	0.031	0.043	0.014	0.058	0.030	0.027	0.034	0.022
% R.S.D.	0.615	0.855	0.278	1.135	0.614	0.528	0.658	0.426

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.145	4.721	5.109	5.312	4.965
S.D.	0.014	0.051	0.023	0.037	0.020
% R.S.D.	0.271	1.076	0.452	0.692	0.405

JK

03-29-96

U-105 5967001232
5967001234

Worklist #6458

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 826 TO 843.

Identity 1: ICB Identity 2: Quality Control 9:38 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.000	0.000	0.020	0.000	-0.001	0.004	-0.001	0.000
S.D.	0.001	0.000	0.013	0.004	0.006	0.003	0.000	0.000
% R.S.D.	1790.805	30.000	66.653	4299.960	974.868	74.965	35.371	150.988

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.002	-0.000	-0.004	0.003	-0.000	0.007	0.024
S.D.	0.001	0.004	0.000	0.001	0.001	0.001	0.002	0.031
% R.S.D.	55.202	219.812	3.064	19.716	21.604	345.269	28.790	126.892

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.010	-0.001	0.000	0.004	-0.002	0.003	-0.004	0.002
S.D.	0.006	0.005	0.000	0.003	0.006	0.001	0.004	0.005
% R.S.D.	56.988	696.108	18.368	75.041	328.882	31.175	91.606	299.959

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	-0.039	-0.002	-0.005	0.001	0.000	0.005	0.091
S.D.	0.001	0.010	0.000	0.004	0.000	0.001	0.001	0.009
% R.S.D.	113.027	27.207	24.273	67.449	60.996	274.045	20.142	10.035

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.001	-0.113	-0.000	0.000	-0.012
S.D.	0.000	0.019	0.001	0.000	0.008
% R.S.D.	17.020	16.662	2319.966	125.045	65.248

Identity 1: ICSA Identity 2: Quality Control 9:41 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.002	0.002	-0.004	0.009	199.161	0.011	0.000	0.000
S.D.	0.001	0.000	0.003	0.001	0.698	0.002	0.000	0.000
% R.S.D.	25.880	4.128	59.521	15.602	0.350	16.931	71.240	20.789

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.005	0.008	0.001	97.757	101.293	0.001	0.021	0.052
S.D.	0.000	0.001	0.001	0.214	0.269	0.003	0.004	0.028
% R.S.D.	5.848	13.139	148.117	0.219	0.265	246.699	20.831	54.717

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.002	0.054	0.003	0.036	-0.032	101.964	0.029	186.846
S.D.	0.003	0.003	0.000	0.007	0.007	0.493	0.006	0.839
% R.S.D.	159.132	5.776	4.782	20.040	23.597	0.484	19.581	0.449

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	-0.015	-0.001	-0.032	0.001	0.001	0.017	0.127
S.D.	0.002	0.011	0.001	0.010	0.000	0.000	0.001	0.009
% R.S.D.	323.309	69.162	130.770	30.539	26.869	59.386	7.687	7.167

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.008	-0.008	0.000	0.003	-0.014
S.D.	0.001	0.013	0.000	0.000	0.002
% R.S.D.	7.092	162.192	72.044	0.119	13.609

Identity 1: ICSAB Identity 2: Quality Control 9:43 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.002	-0.013	0.020	200.922	0.501	0.508	0.978
S.D.	0.001	0.000	0.012	0.001	0.116	0.004	0.001	0.003
% R.S.D.	52.040	1.767	91.192	5.909	0.058	0.726	0.160	0.323

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.014	1.024	0.004	101.822	102.947	0.524	0.011	0.160
S.D.	0.000	0.004	0.002	0.228	0.158	0.002	0.005	0.019
% R.S.D.	0.024	0.357	42.056	0.224	0.154	0.296	43.649	12.079

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.009	0.060	0.525	0.047	-0.032	102.131	0.022	197.982
S.D.	0.001	0.003	0.000	0.002	0.003	0.121	0.003	0.591
% R.S.D.	7.455	5.501	0.039	4.018	10.209	0.118	13.284	0.298

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	-0.004	1.050	1.015	0.002	1.035	0.017	0.045
S.D.	0.002	0.006	0.001	0.008	0.000	0.004	0.001	0.008
% R.S.D.	863.113	154.442	0.062	0.802	21.590	0.355	6.597	18.718

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.528	0.011	0.504	0.520	-0.018
S.D.	0.002	0.029	0.001	0.002	0.007
% R.S.D.	0.334	259.590	0.108	0.363	39.107

Identity 1: S96T001232_L Identity 2: .25-10-1-4 ml 9:51 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 205.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.238	0.018	4.276	68.186	121.349	1.292	0.326	2093.018
S.D.	0.067	0.014	2.723	0.740	0.776	0.373	0.077	14.171
% R.S.D.	28.175	75.000	63.675	1.085	0.640	28.896	23.539	0.677

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.816	5.153	-0.794	3.690	22.593	2.415	4.028	-7.758
S.D.	0.131	0.461	0.618	0.930	0.336	0.284	1.611	8.306
% R.S.D.	7.195	8.941	77.781	25.212	1.487	11.782	39.998	107.066

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-2.286	0.618	-0.015	31.390	159.246	2.446	0.350	4703.541
S.D.	2.412	1.734	0.039	1.486	1.596	0.221	0.558	33.957
% R.S.D.	105.528	280.473	260.690	4.734	1.002	9.042	159.622	0.722

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	1.901	-0.646	-0.585	-7.130	0.052	-0.091	6.929	90.826
S.D.	0.282	2.204	0.089	1.695	0.047	0.224	0.097	1.106
% R.S.D.	14.845	341.311	15.230	23.770	90.794	246.280	1.398	1.218

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.142	-14.027	-0.611	-0.017	2.598
S.D.	0.108	1.905	0.062	0.028	2.945
% R.S.D.	75.877	13.579	10.101	159.931	113.370

Identity 1: S96T001232 Identity 2: 05-10 ml 9:55 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.026	0.018	1.560	69.091	123.250	0.129	0.445	2043.683
S.D.	0.045	0.003	0.585	0.147	0.380	0.075	0.016	4.108
% R.S.D.	173.014	17.321	37.516	0.212	0.309	57.933	3.695	0.201

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.870	5.202	0.257	2.685	21.267	2.836	0.348	3.568
S.D.	0.017	0.025	0.180	0.092	0.010	0.063	0.109	1.388
% R.S.D.	0.884	0.485	70.217	3.441	0.049	2.212	31.178	38.894

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.660	1.647	-0.009	32.824	165.606	0.418	0.044	4678.263
S.D.	0.411	0.194	0.005	0.394	1.344	0.032	0.140	8.674
% R.S.D.	62.212	11.805	54.545	1.202	0.811	7.648	319.696	0.185

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	1.672	-0.303	-0.058	-1.011	0.023	0.193	6.365	74.361
S.D.	0.045	0.468	0.025	0.587	0.024	0.031	0.058	0.535
% R.S.D.	2.696	154.578	42.641	58.015	104.320	16.073	0.907	0.719

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.069	-1.731	-0.086	0.016	-2.488
S.D.	0.000	0.113	0.025	0.011	0.462
% R.S.D.	0.233	6.519	28.859	68.692	18.562

Identity 1: S96T001232_0 Identity 2: .25-10 ml 9:58 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.081	0.015	0.346	68.762	122.319	0.129	0.421	2056.905
S.D.	0.051	0.003	0.448	0.017	0.578	0.074	0.008	14.443
% R.S.D.	63.519	18.750	129.343	0.025	0.472	57.581	1.955	0.702

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.823	5.095	0.236	2.212	20.841	2.689	0.310	0.293
S.D.	0.008	0.094	0.033	0.033	0.073	0.092	0.323	1.875
% R.S.D.	0.463	1.847	14.180	1.513	0.352	3.425	103.995	640.352

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-1.022	0.034	-0.019	32.528	167.218	0.264	-0.093	4702.009
S.D.	0.233	0.340	0.005	1.210	2.305	0.029	0.064	33.941
% R.S.D.	22.798	992.620	27.555	3.721	1.378	11.111	68.624	0.722

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	1.614	-0.560	-0.100	-0.530	-0.001	0.107	6.259	71.953
S.D.	0.059	0.579	0.020	0.254	0.016	0.033	0.018	0.850
% R.S.D.	3.649	103.402	20.350	47.834	1081.362	30.666	0.280	1.181

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.078	-4.524	-0.105	-0.007	-1.700
S.D.	0.007	0.723	0.029	0.006	0.462
% R.S.D.	9.048	15.980	27.324	85.863	27.190

Identity 1: S96T001232_A Identity 2: .25sam+2sst5+8hno3 10:03 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	39.893	40.859	40.108	204.752	160.902	40.943	41.114	2033.298
S.D.	0.090	0.125	0.515	3.258	0.249	0.129	0.124	9.190
% R.S.D.	0.226	0.305	1.283	1.591	0.155	0.315	0.303	0.452

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	42.818	46.164	41.407	43.663	61.238	44.716	42.688	77.393
S.D.	0.149	0.083	0.149	0.034	0.112	0.129	0.297	0.681
% R.S.D.	0.348	0.179	0.359	0.077	0.184	0.289	0.695	0.880

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	40.991	40.880	40.766	71.860	207.842	39.934	42.011	4583.523
S.D.	0.249	0.053	0.125	1.262	0.883	0.068	0.489	20.935
% R.S.D.	0.607	0.131	0.307	1.757	0.425	0.171	1.163	0.457

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	42.089	39.432	35.417	41.056	39.538	40.936	46.433	117.774
S.D.	0.319	0.506	0.055	0.231	0.098	0.131	0.207	0.213
% R.S.D.	0.757	1.283	0.154	0.562	0.248	0.319	0.446	0.180

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	41.669	33.035	41.099	41.711	38.833
S.D.	0.043	0.653	0.173	0.066	0.632
% R.S.D.	0.104	1.976	0.420	0.158	1.627

Identity 1: CCV Identity 2: Quality Control 10:08 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	5.014	5.149	5.174	4.889	5.090	5.166	5.097	5.229
S.D.	0.012	0.010	0.013	0.006	0.012	0.017	0.004	0.025
% R.S.D.	0.233	0.194	0.255	0.125	0.236	0.336	0.071	0.482

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.177	5.197	5.150	5.195	5.148	5.221	5.235	10.026
S.D.	0.015	0.018	0.017	0.039	0.006	0.017	0.012	0.040
% R.S.D.	0.284	0.339	0.325	0.747	0.118	0.326	0.234	0.397

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.249	5.209	5.162	5.085	5.107	5.082	5.279	5.209
S.D.	0.032	0.009	0.007	0.070	0.027	0.019	0.043	0.021
% R.S.D.	0.615	0.168	0.139	1.386	0.528	0.368	0.820	0.407

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.153	4.993	5.066	5.142	4.986	5.187	5.122	5.262
S.D.	0.020	0.045	0.010	0.016	0.013	0.017	0.007	0.031
% R.S.D.	0.384	0.906	0.191	0.318	0.262	0.323	0.129	0.597

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.189	4.702	5.149	5.338	4.986
S.D.	0.012	0.045	0.012	0.009	0.017
% R.S.D.	0.240	0.963	0.243	0.162	0.343

Identity 1 : CCB Identity 2: Quality Control 10:13 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	-0.000	0.022	0.004	0.005	0.002	-0.002	0.002
S.D.	0.001	0.000	0.010	0.003	0.010	0.002	0.001	0.000
% R.S.D.	50.969	173.205	45.446	78.440	198.579	85.928	46.641	8.820

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ce (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.000	0.001	-0.006	0.001	-0.001	0.004	-0.082
S.D.	0.000	0.003	0.001	0.004	0.000	0.001	0.006	0.046
% R.S.D.	79.259	920.390	157.521	77.976	13.324	69.140	155.726	55.556

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.001	0.009	-0.000	-0.019	0.023	0.001	0.004	0.035
S.D.	0.007	0.009	0.000	0.006	0.004	0.000	0.001	0.001
% R.S.D.	647.633	98.757	381.881	30.492	16.219	17.321	29.739	3.849

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.018	0.004	-0.012	-0.000	0.001	0.004	0.082
S.D.	0.001	0.008	0.001	0.009	0.001	0.001	0.001	0.009
% R.S.D.	220.431	43.442	15.172	81.148	158.738	50.411	28.664	11.090

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.001	-0.033	-0.002	0.000	0.028
S.D.	0.000	0.023	0.001	0.000	0.014
% R.S.D.	12.125	70.260	43.699	46.517	50.387

Identity 1: S96T001234_L Identity 2: .5-10-1-4 ml 10:17 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 105.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.272	0.047	4.236	6.746	1.502	0.439	0.305	1856.107
S.D.	0.183	0.028	0.376	0.385	1.042	0.330	0.067	24.399
% R.S.D.	67.092	60.622	8.887	5.701	69.398	75.293	21.947	1.315

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.866	1.034	0.715	0.260	3.277	-0.262	0.324	16.714
S.D.	0.052	0.159	0.259	0.249	0.027	0.081	1.274	8.238
% R.S.D.	6.046	15.345	36.212	95.921	0.829	31.127	393.082	49.290

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.513	4.381	0.007	6.768	20.376	0.582	-0.083	686.922
S.D.	2.009	1.447	0.046	0.520	0.218	0.038	0.805	8.211
% R.S.D.	391.326	33.019	689.807	7.684	1.070	6.452	973.714	1.195

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.826	-1.704	-0.040	-0.729	0.211	0.258	2.463	29.925
S.D.	0.079	0.363	0.082	0.444	0.097	0.042	0.033	3.268
% R.S.D.	9.623	21.309	205.879	60.890	45.995	16.344	1.335	10.922

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.100	-4.394	-0.173	0.085	-2.757
S.D.	0.031	3.151	0.158	0.029	4.311
% R.S.D.	31.115	71.706	91.225	34.706	156.372

B

Identity 1: S96T001234 Identity 2: .5-10 ml 10:20 AM March 29, 1996

Task name : OPTIMA

Sample Weight : 1.0000 Solution Volume : 21.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.040	0.031	0.368	6.052	0.471	0.088	0.434	1813.597
S.D.	0.009	0.001	0.060	0.054	0.081	0.066	0.008	16.066
% R.S.D.	22.977	4.478	16.242	0.888	17.086	74.919	1.939	0.886

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.903	0.848	0.090	0.007	2.748	0.036	-0.088	-0.589
S.D.	0.012	0.060	0.018	0.017	0.005	0.036	0.124	0.437
% R.S.D.	1.329	7.112	19.506	228.754	0.190	100.032	141.118	74.168

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.225	0.242	0.000	6.233	19.345	0.139	0.206	689.963
S.D.	0.138	0.076	0.004	0.316	0.093	0.004	0.000	7.179
% R.S.D.	61.245	31.531	936.750	5.068	0.482	2.703	0.013	1.040

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.458	0.152	-0.004	-0.699	-0.003	0.263	2.167	20.059
S.D.	0.038	0.303	0.007	0.223	0.008	0.011	0.016	0.126
% R.S.D.	8.246	198.968	197.035	31.913	218.758	4.199	0.755	0.626

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.013	-1.516	-0.068	0.007	-1.437
S.D.	0.004	0.406	0.002	0.003	0.387
% R.S.D.	29.023	26.797	2.809	42.970	26.900

Identity 1: S96T001234_D Identity 2: .5-10 ml 10:24 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 21.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.044	0.031	0.466	5.890	0.591	0.132	0.440	1782.295
S.D.	0.016	0.002	0.194	0.034	0.072	0.076	0.005	3.766
% R.S.D.	36.990	7.050	41.648	0.573	12.159	57.746	1.246	0.211

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.937	0.907	0.080	0.186	2.693	0.134	-0.376	-1.191
S.D.	0.013	0.063	0.000	0.039	0.016	0.006	0.123	1.032
% R.S.D.	1.398	6.945	0.595	20.715	0.588	4.545	32.809	86.591

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.235	-0.283	-0.000	6.291	19.452	0.128	-0.108	677.489
S.D.	0.328	0.204	0.005	0.232	0.481	0.004	0.043	0.823
% R.S.D.	139.645	72.109	1145.644	3.693	2.474	2.941	40.450	0.121

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.466	-0.480	-0.022	-0.935	-0.002	0.195	2.158	21.673
S.D.	0.009	0.081	0.025	0.179	0.005	0.011	0.016	0.331
% R.S.D.	1.895	16.781	116.453	19.108	256.306	5.878	0.735	1.527

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.013	0.040	-0.055	0.005	0.162
S.D.	0.010	0.898	0.024	0.009	0.411
% R.S.D.	76.899	2253.420	43.888	179.427	253.208

Identity 1: S96T01234_A Identity 2: .5sam+2.1sst5+7.9hno 10:27 AM March 29, 1996
Task name: OPTIMA
Sample Weight 1.0000 Solution Volume : 21.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	20.878	21.397	21.726	34.131	21.584	21.566	21.581	1774.326
S.D.	0.069	0.147	0.105	0.208	0.035	0.066	0.158	20.662
% R.S.D.	0.328	0.686	0.485	0.609	0.164	0.306	0.734	1.165

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	22.287	22.476	21.441	21.898	23.843	21.961	21.944	38.490
S.D.	0.039	0.013	0.060	0.118	0.148	0.049	0.133	1.252
% R.S.D.	0.175	0.057	0.282	0.538	0.619	0.222	0.605	3.254

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	21.276	20.894	21.276	27.321	40.513	21.005	21.994	687.602
S.D.	0.318	0.085	0.158	0.650	0.224	0.055	0.418	8.117
% R.S.D.	1.494	0.405	0.742	2.378	0.553	0.263	1.901	1.180

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	21.557	19.669	18.568	21.198	20.693	21.446	23.020	44.798
S.D.	0.134	0.617	0.112	0.035	0.101	0.034	0.137	0.514
% R.S.D.	0.619	3.138	0.605	0.166	0.488	0.157	0.593	1.148

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	21.675	18.901	21.464	21.740	20.181
S.D.	0.048	0.755	0.066	0.152	0.571
% R.S.D.	0.222	3.994	0.309	0.697	2.829

Identity 1: ICSA Identity 2: Quality Control 10:39 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.002	0.010	0.003	201.161	0.007	-0.001	0.003
S.D.	0.002	0.000	0.003	0.004	1.245	0.005	0.001	0.001
% R.S.D.	358.517	6.337	34.208	134.075	0.619	64.206	56.638	36.954

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.006	0.005	0.005	98.228	101.706	0.002	0.014	-0.048
S.D.	0.001	0.001	0.001	0.320	0.491	0.001	0.006	0.089
% R.S.D.	10.842	28.531	15.639	0.326	0.483	88.816	41.354	186.866

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.017	0.037	0.003	0.037	-0.021	103.390	0.028	187.205
S.D.	0.016	0.016	0.000	0.009	0.008	0.216	0.006	1.885
% R.S.D.	93.644	41.621	11.127	23.602	36.886	0.209	19.865	1.007

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.006	-0.001	-0.039	-0.000	0.000	0.015	0.188
S.D.	0.003	0.016	0.001	0.002	0.001	0.001	0.001	0.021
% R.S.D.	409.102	281.414	173.237	4.376	262.288	233.048	5.628	11.124

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.008	-0.086	-0.001	0.003	-0.031
S.D.	0.000	0.024	0.001	0.000	0.040
% R.S.D.	5.835	28.207	172.481	11.458	131.882

Identity 1: ICSA8 Identity 2: Quality Control 10:43 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.003	0.002	-0.015	0.017	200.440	0.507	0.499	0.969
S.D.	0.004	0.000	0.016	0.010	2.607	0.002	0.007	0.015
% R.S.D.	145.721	16.174	108.397	58.460	1.301	0.357	1.369	1.577

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.020	1.022	0.008	101.239	101.873	0.526	0.020	0.238
S.D.	0.007	0.003	0.001	0.987	1.223	0.006	0.016	0.149
% R.S.D.	0.694	0.311	18.847	0.975	1.201	1.100	77.759	62.568

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.008	0.055	0.518	0.017	-0.016	103.340	0.033	194.484
S.D.	0.042	0.029	0.007	0.007	0.012	0.608	0.003	3.430
% R.S.D.	507.189	51.769	1.388	41.428	76.047	0.588	9.871	1.764

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.000	-0.002	0.994	1.008	0.002	1.031	0.018	0.177
S.D.	0.001	0.014	0.014	0.010	0.001	0.012	0.001	0.044
% R.S.D.	461.063	672.556	1.444	0.971	60.891	1.124	6.238	24.643

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.525	-0.070	0.502	0.515	0.006
S.D.	0.003	0.015	0.003	0.006	0.067
% R.S.D.	0.657	21.844	0.515	1.072	1160.078

Identity 1: CCB Identity 2: Quality Control 10:56 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.000	0.022	-0.004	-0.007	-0.002	-0.002	0.002
S.D.	0.001	0.000	0.005	0.002	0.003	0.003	0.000	0.000
% R.S.D.	57.784	91.652	21.947	40.737	37.641	150.366	9.267	17.271

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.001	-0.002	0.000	0.008	0.001	-0.006	-0.040
S.D.	0.000	0.002	0.001	0.003	0.001	0.002	0.004	0.044
% R.S.D.	44.532	180.326	75.144	51044.582	16.522	196.329	58.289	110.208

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.029	0.011	-0.000	0.005	0.006	0.008	-0.000	0.051
S.D.	0.013	0.009	0.000	0.004	0.006	0.001	0.001	0.001
% R.S.D.	45.848	81.915	95.119	71.542	98.454	17.390	21548.005	2.623

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	-0.036	0.001	-0.016	-0.000	0.000	0.003	0.139
S.D.	0.001	0.016	0.001	0.012	0.000	0.002	0.000	0.017
% R.S.D.	384.090	45.165	67.219	79.336	1383.072	917.288	5.191	12.408

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.001	-0.075	-0.003	0.000	-0.062
S.D.	0.000	0.007	0.001	0.000	0.026
% R.S.D.	0.733	8.890	24.268	236.322	41.336

JK
03-29-96

Identity 1: CCV Identity 2: Quality Control 10:47 AM March 29, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.948	5.060	5.034	4.699	5.025	5.020	5.040	5.101
S.D.	0.028	0.035	0.043	0.021	0.028	0.014	0.044	0.062
% R.S.D.	0.563	0.691	0.847	0.449	0.562	0.273	0.867	1.207

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.068	5.102	5.131	5.236	5.120	5.129	5.342	9.878
S.D.	0.018	0.012	0.036	0.043	0.039	0.012	0.047	0.036
% R.S.D.	0.352	0.240	0.695	0.815	0.755	0.241	0.878	0.365

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.126	5.146	5.085	4.995	4.890	4.980	5.160	5.136
S.D.	0.022	0.037	0.040	0.012	0.037	0.015	0.007	0.059
% R.S.D.	0.432	0.719	0.779	0.234	0.756	0.301	0.127	1.156

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.992	4.940	4.990	5.097	4.886	5.113	5.089	5.228
S.D.	0.016	0.025	0.019	0.036	0.025	0.025	0.037	0.031
% R.S.D.	0.323	0.509	0.372	0.716	0.513	0.484	0.734	0.595

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.124	4.645	5.080	5.273	4.975
S.D.	0.013	0.029	0.018	0.029	0.007
% R.S.D.	0.246	0.633	0.358	0.541	0.138

File # 960501A.DAT

LABCORE Data Entry Template for Worklist# 6681

Analyst: B. GOECKE **Instrument:** ICP01 _____ **Book#** 53434A

Method: LA-505-151/~~161~~ 156 Rev/Mod D-3

Worklist Comment: ICP U-105 (SOLID WATER DIGEST)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPBLK ~~TOA~~ ARL 5-1-96				@ICP-I01	SOLID		
6	SERDIL	S96T001287	0	I	@ICP-I01	SOLID		
7	SAMPLE	S96T001287	0	I	@ICP-I01	SOLID	96000143	U-105 (R)

Analytes Requested: AG-I-01 , AL-I-01 , AS-I-01 , B-I-01 , BA-I-01 , BE-I-01 , BI-I-01 , CA-I-01 , CD-I-01 , CE-I-01 , CO-I-01 , CR-I-01 , CU-I-01 , FE-I-01 , K-I-01 , LA-I-01 , LI-I-01 , MG-I-01 , MN-I-01 , MO-I-01 , NA-I-01 , ND-I-01 , NI-I-01 , P-I-01 , PB-I-01 , S-I-01 , SB-I-01 , SE-I-01 , SI-I-01 , SM-I-01 , SR-I-01 , TI-I-01 , TL-I-01 , U-I-01 , V-I-01 , ZN-I-01 , ZR-I-01

8	DUP	S96T001287	0	I	@ICP-I01	SOLID		
9	SPK	S96T001287	0	I	@ICP-I01	SOLID		
10	CCV				@ICP-QC	QC		
11	CCB				@ICP-QC	QC		
12	SERDIL	S96T001295	0	I	@ICP-I01	SOLID		
13	SAMPLE	S96T001295	0	I	@ICP-I01	SOLID	96000143	U-105 (R)

Analytes Requested: AG-I-01 , AL-I-01 , AS-I-01 , B-I-01 , BA-I-01 , BE-I-01 , BI-I-01 , CA-I-01 , CD-I-01 , CE-I-01 , CO-I-01 , CR-I-01 , CU-I-01 , FE-I-01 , K-I-01 , LA-I-01 , LI-I-01 , MG-I-01 , MN-I-01 , MO-I-01 , NA-I-01 , ND-I-01 , NI-I-01 , P-I-01 , PB-I-01 , S-I-01 , SB-I-01 , SE-I-01 , SI-I-01 ,

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 6681

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
					SM-I-01 , SR-I-01 , TI-I-01 , TL-I-01 , U-I-01 , V-I-01 , ZN-I-01 , ZR-I-01			
14	DUP	S96T001295	0	I	@ICP-I01	SOLID		
15	SPK	S96T001295	0	I	@ICP-I01	SOLID		
16	ICSA				@ICP-QC	QC		
17	ICSAB				@ICP-QC	QC		
18	CCV				@ICP-QC	QC		
19	CCB				@ICP-QC	QC		

Final page for worklist # 6681

Analyst Signature: [signature] Date: 5-1-96

Reviewed by: Analyst Signature: [signature] Date: 5/2/96

		D.F.
PREPBLKAML	DIRECT	1
S96T001287-L	1-L-4-L-1-L-4-L	25
S96T001287	1-L-4-L	5
S96T001287-D	1-L-4-L	5
S96T001287-A	1-L-1-L-3-L	5
S96T001295-L	1-L-4-L-1-L-4-L	25
S96T001295	1-L-4-L	5
S96T001295-D	1-L-4-L	5
S96T001295-A	1-L-1-L-3-L	5

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 6681

Analyst: smp **Instrument:** ICP01 **Book#** 53B48A

Method: LA-505-151 Rev/Mod D-3

Worklist Comment: ICP U-105 (SOLID WATER DIGEST)

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
1	ICV	0		●ICP-QC	AG	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV	0		●ICP-QC	AL	QC	5.0	4.85e+00	97.000	% Recovery
1	ICV	0		●ICP-QC	AS	QC	5.0	5.06e+00	101.200	% Recovery
1	ICV	0		●ICP-QC	B	QC	5.0	5.07e+00	101.400	% Recovery
1	ICV	0		●ICP-QC	BA	QC	5.0	4.90e+00	98.000	% Recovery
1	ICV	0		●ICP-QC	BE	QC	5.0	5.16e+00	103.200	% Recovery
1	ICV	0		●ICP-QC	BI	QC	5.0	4.90e+00	98.000	% Recovery
1	ICV	0		●ICP-QC	CA	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV	0		●ICP-QC	CD	QC	5.0	5.05e+00	101.000	% Recovery
1	ICV	0		●ICP-QC	CE	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV	0		●ICP-QC	CO	QC	5.0	5.07e+00	101.400	% Recovery
1	ICV	0		●ICP-QC	CR	QC	5.0	5.08e+00	101.600	% Recovery
1	ICV	0		●ICP-QC	CU	QC	5.0	4.99e+00	99.800	% Recovery
1	ICV	0		●ICP-QC	FE	QC	5.0	5.10e+00	102.000	% Recovery
1	ICV	0		●ICP-QC	K	QC	5.0	4.90e+00	98.000	% Recovery
1	ICV	0		●ICP-QC	LA	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV	0		●ICP-QC	LI	QC	5.0	4.90e+00	98.000	% Recovery
1	ICV	0		●ICP-QC	MG	QC	5.0	4.88e+00	97.600	% Recovery
1	ICV	0		●ICP-QC	MN	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV	0		●ICP-QC	MO	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV	0		●ICP-QC	NA	QC	5.0	4.85e+00	97.000	% Recovery
1	ICV	0		●ICP-QC	ND	QC	5.0	5.05e+00	101.000	% Recovery
1	ICV	0		●ICP-QC	NI	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV	0		●ICP-QC	P	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV	0		●ICP-QC	PB	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV	0		●ICP-QC	S	QC	5.0	4.83e+00	96.600	% Recovery
1	ICV	0		●ICP-QC	SB	QC	5.0	5.34e+00	106.800	% Recovery
1	ICV	0		●ICP-QC	SE	QC	5.0	5.17e+00	103.400	% Recovery
1	ICV	0		●ICP-QC	SI	QC	5.0	4.78e+00	95.600	% Recovery
1	ICV	0		●ICP-QC	SM	QC	5.0	4.92e+00	98.400	% Recovery
1	ICV	0		●ICP-QC	SR	QC	5.0	4.89e+00	97.800	% Recovery
1	ICV	0		●ICP-QC	TI	QC	5.0	4.87e+00	97.400	% Recovery
1	ICV	0		●ICP-QC	TL	QC	5.0	4.86e+00	97.200	% Recovery
1	ICV	0		●ICP-QC	U	QC	10.0	9.74e+00	97.400	% Recovery
1	ICV	0		●ICP-QC	V	QC	5.0	5.10e+00	102.000	% Recovery
1	ICV	0		●ICP-QC	ZN	QC	5.0	5.12e+00	102.400	% Recovery
1	ICV	0		●ICP-QC	ZR	QC	5.0	4.93e+00	98.600	% Recovery
2	ICB	0		●ICP-QC	AG	QC	1	<1.00e-2		ug/g
2	ICB	0		●ICP-QC	AL	QC	1	<5.00e-2		ug/g
2	ICB	0		●ICP-QC	AS	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	B	QC	1	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
2	ICB	0		●ICP-QC	BA	QC	1	<5.00e-2		ug/g
2	ICB	0		●ICP-QC	BE	QC	1	<5.00e-3		ug/g
2	ICB	0		●ICP-QC	BI	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	CA	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	CD	QC	1	<5.00e-3		ug/g
2	ICB	0		●ICP-QC	CE	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	CO	QC	1	<2.00e-2		ug/g
2	ICB	0		●ICP-QC	CR	QC	1	<1.00e-2		ug/g
2	ICB	0		●ICP-QC	CU	QC	1	<1.00e-2		ug/g
2	ICB	0		●ICP-QC	FE	QC	1	<5.00e-2		ug/g
2	ICB	0		●ICP-QC	K	QC	1	<5.00e-1		ug/g
2	ICB	0		●ICP-QC	LA	QC	1	<5.00e-2		ug/g
2	ICB	0		●ICP-QC	LI	QC	1	<1.00e-2		ug/g
2	ICB	0		●ICP-QC	MG	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	MN	QC	1	<1.00e-2		ug/g
2	ICB	0		●ICP-QC	MO	QC	1	<5.00e-2		ug/g
2	ICB	0		●ICP-QC	NA	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	ND	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	NI	QC	1	<2.00e-2		ug/g
2	ICB	0		●ICP-QC	P	QC	1	<2.00e-1		ug/g
2	ICB	0		●ICP-QC	PB	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	S	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	SB	QC	1	<6.00e-2		ug/g
2	ICB	0		●ICP-QC	SE	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	SI	QC	1	<5.00e-2		ug/g
2	ICB	0		●ICP-QC	SM	QC	1	<1.00e-1		ug/g
2	ICB	0		●ICP-QC	SR	QC	1	<1.00e-2		ug/g
2	ICB	0		●ICP-QC	TI	QC	1	<1.00e-2		ug/g
2	ICB	0		●ICP-QC	TL	QC	1	<2.00e-1		ug/g
2	ICB	0		●ICP-QC	U	QC	1	<5.00e-1		ug/g
2	ICB	0		●ICP-QC	V	QC	1	<5.00e-2		ug/g
2	ICB	0		●ICP-QC	ZN	QC	1	<1.00e-2		ug/g
2	ICB	0		●ICP-QC	ZR	QC	1	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	AG	QC	1	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	AL	QC	200	1.97e+02	98.500	% Recovery
3	ICSA	0		●ICP-QC	AS	QC	1	<1.00e-1		ug/g
3	ICSA	0		●ICP-QC	B	QC	1	<5.00e-2		ug/g
3	ICSA	0		●ICP-QC	BA	QC	1	<5.00e-2		ug/g
3	ICSA	0		●ICP-QC	BE	QC	1	<5.00e-3		ug/g
3	ICSA	0		●ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
3	ICSA	0		●ICP-QC	CA	QC	100.	1.05e+02	105.000	% Recovery
3	ICSA	0		●ICP-QC	CD	QC	1	<5.00e-3		ug/g
3	ICSA	0		●ICP-QC	CE	QC	1	<1.00e-1		ug/g
3	ICSA	0		●ICP-QC	CO	QC	1	<2.00e-2		ug/g
3	ICSA	0		●ICP-QC	CR	QC	1	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	CU	QC	1	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	FE	QC	100.	9.78e+01	97.800	% Recovery
3	ICSA	0		●ICP-QC	K	QC	1	<5.00e-1		ug/g
3	ICSA	0		●ICP-QC	LA	QC	1.0	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
3	ICSA	0		●ICP-QC	LI	QC	1	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	MG	QC	100.	1.02e+02	102.000	% Recovery
3	ICSA	0		●ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	MO	QC	1	<5.00e-2		ug/g
3	ICSA	0		●ICP-QC	NA	QC	200	1.89e+02	94.500	% Recovery
3	ICSA	0		●ICP-QC	ND	QC	1	<1.00e-1		ug/g
3	ICSA	0		●ICP-QC	NI	QC	1	<2.00e-2		ug/g
3	ICSA	0		●ICP-QC	P	QC	1.0	<2.00e-1		ug/g
3	ICSA	0		●ICP-QC	PB	QC	1	<1.00e-1		ug/g
3	ICSA	0		●ICP-QC	S	QC	1.0	<1.00e-1		ug/g
3	ICSA	0		●ICP-QC	SB	QC	1	<6.00e-2		ug/g
3	ICSA	0		●ICP-QC	SE	QC	1	<1.00e-1		ug/g
3	ICSA	0		●ICP-QC	SI	QC	1	<5.00e-2		ug/g
3	ICSA	0		●ICP-QC	SM	QC	1	<1.00e-1		ug/g
3	ICSA	0		●ICP-QC	SR	QC	1	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	TI	QC	1	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
3	ICSA	0		●ICP-QC	U	QC	1	<5.00e-1		ug/g
3	ICSA	0		●ICP-QC	V	QC	1	<5.00e-2		ug/g
3	ICSA	0		●ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
3	ICSA	0		●ICP-QC	ZR	QC	1	<1.00e-2		ug/g
4	ICSAB	0		●ICP-QC	AG	QC	1.0	1.02e+00	102.000	% Recovery
4	ICSAB	0		●ICP-QC	AL	QC	200	1.96e+02	98.000	% Recovery
4	ICSAB	0		●ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
4	ICSAB	0		●ICP-QC	B	QC	1.0	<5.00e-2		ug/g
4	ICSAB	0		●ICP-QC	BA	QC	0.5	5.02e-01	100.400	% Recovery
4	ICSAB	0		●ICP-QC	BE	QC	0.5	5.07e-01	101.400	% Recovery
4	ICSAB	0		●ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
4	ICSAB	0		●ICP-QC	CA	QC	100.	1.04e+02	104.000	% Recovery
4	ICSAB	0		●ICP-QC	CD	QC	1.0	1.01e+00	101.000	% Recovery
4	ICSAB	0		●ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
4	ICSAB	0		●ICP-QC	CO	QC	0.5	5.02e-01	100.400	% Recovery
4	ICSAB	0		●ICP-QC	CR	QC	0.5	5.10e-01	102.000	% Recovery
4	ICSAB	0		●ICP-QC	CU	QC	0.5	4.97e-01	99.400	% Recovery
4	ICSAB	0		●ICP-QC	FE	QC	100	9.81e+01	98.100	% Recovery
4	ICSAB	0		●ICP-QC	K	QC	1.0	<5.00e-1		ug/g
4	ICSAB	0		●ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
4	ICSAB	0		●ICP-QC	LI	QC	1.0	9.22e-01	92.200	% Recovery
4	ICSAB	0		●ICP-QC	MG	QC	100.	1.01e+02	101.000	% Recovery
4	ICSAB	0		●ICP-QC	MN	QC	0.5	5.06e-01	101.200	% Recovery
4	ICSAB	0		●ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
4	ICSAB	0		●ICP-QC	NA	QC	200	1.88e+02	94.000	% Recovery
4	ICSAB	0		●ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
4	ICSAB	0		●ICP-QC	NI	QC	1.0	9.95e-01	99.500	% Recovery
4	ICSAB	0		●ICP-QC	P	QC	1.0	<2.00e-1		ug/g
4	ICSAB	0		●ICP-QC	PB	QC	1.0	1.02e+00	102.000	% Recovery
4	ICSAB	0		●ICP-QC	S	QC	1.0	<1.00e-1		ug/g
4	ICSAB	0		●ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
4	ICSAB	0		●ICP-QC	SE	QC	1.0	<1.00e-1		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test	Matrix	Actual		Found	DL or Yield	Unit
4	ICSAB		0		●ICP-QC SI	QC	1.0		<5.00e-2		ug/g
4	ICSAB		0		●ICP-QC SM	QC	1.0		<1.00e-1		ug/g
4	ICSAB		0		●ICP-QC SR	QC	1.0		<1.00e-2		ug/g
4	ICSAB		0		●ICP-QC TI	QC	1.0		<1.00e-2		ug/g
4	ICSAB		0		●ICP-QC TL	QC	1.0		<2.00e-1		ug/g
4	ICSAB		0		●ICP-QC U	QC	1.0		<5.00e-1		ug/g
4	ICSAB		0		●ICP-QC V	QC	0.5		4.99e-01	99.800	% Recovery
4	ICSAB		0		●ICP-QC ZN	QC	1.0		1.01e+00	101.000	% Recovery
4	ICSAB		0		●ICP-QC ZR	QC	1.0		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 AG-I-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 AL-I-01	SOLID	1		1.90e-01	0.190	ug/g
5	PREPBLKTJA		0		●ICP-I01 AS-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 B-I-01	SOLID	1		1.53e+00	1.530	ug/g
5	PREPBLKTJA		0		●ICP-I01 BA-I-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 BE-I-01	SOLID	1		<5.00e-3		ug/g
5	PREPBLKTJA		0		●ICP-I01 BI-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 CA-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 CD-I-01	SOLID	1		<5.00e-3		ug/g
5	PREPBLKTJA		0		●ICP-I01 CE-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 CO-I-01	SOLID	1		<2.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 CR-I-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 CU-I-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 FE-I-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 K-I-01	SOLID	1		<5.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 LA-I-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 LI-I-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 MG-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 MN-I-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 MO-I-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 NA-I-01	SOLID	1		2.13e+00	2.130	ug/g
5	PREPBLKTJA		0		●ICP-I01 ND-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 NI-I-01	SOLID	1		<2.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 P-I-01	SOLID	1		<2.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 PB-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 S-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 SB-I-01	SOLID	1		<6.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 SE-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 SI-I-01	SOLID	1		3.29e-01	0.329	ug/g
5	PREPBLKTJA		0		●ICP-I01 SM-I-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 SR-I-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 TL-I-01	SOLID	1		<2.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 U-I-01	SOLID	1		<5.00e-1		ug/g
5	PREPBLKTJA		0		●ICP-I01 V-I-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 ZN-I-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 ZR-I-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKTJA		0		●ICP-I01 TI-I-01	SOLID	1		<1.00e-2		ug/g
6	SAMPLE	S96T001287	0	I	●ICP-I01 AG-I-01	SOLID	N/A	<	1.04e+01	10.400	ug/g
6	SAMPLE	S96T001287	0	I	●ICP-I01 AL-I-01	SOLID	N/A		9.76e+03	51.800	ug/g
6	SAMPLE	S96T001287	0	I	●ICP-I01 AS-I-01	SOLID	N/A	<	1.04e+02	104.000	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
6	SAMPLE	S96T001287	0	I	@ICP-I01 B-I-01	SOLID	N/A	4.62e+02	51.800	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 BA-I-01	SOLID	N/A <	5.18e+01	51.800	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 BE-I-01	SOLID	N/A <	5.18e+00	5.170	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 BI-I-01	SOLID	N/A <	1.04e+02	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 CA-I-01	SOLID	N/A	4.78e+02	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 CD-I-01	SOLID	N/A	1.43e+01	5.170	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 CE-I-01	SOLID	N/A <	1.04e+02	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 CO-I-01	SOLID	N/A <	2.07e+01	20.700	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 CR-I-01	SOLID	N/A	2.96e+02	10.400	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 CU-I-01	SOLID	N/A	1.64e+01	10.400	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 FE-I-01	SOLID	N/A	6.77e+01	51.800	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 K-I-01	SOLID	N/A	1.76e+03	518.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 LA-I-01	SOLID	N/A <	5.18e+01	51.800	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 LI-I-01	SOLID	N/A <	1.04e+01	10.400	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 MG-I-01	SOLID	N/A <	1.04e+02	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 MN-I-01	SOLID	N/A	2.77e+01	10.400	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 MO-I-01	SOLID	N/A <	5.18e+01	51.800	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 NA-I-01	SOLID	N/A	1.78e+05	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 ND-I-01	SOLID	N/A <	1.04e+02	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 NI-I-01	SOLID	N/A	1.33e+02	20.700	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 P-I-01	SOLID	N/A	2.37e+03	207.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 PB-I-01	SOLID	N/A	1.38e+02	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 S-I-01	SOLID	N/A	7.24e+03	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 SB-I-01	SOLID	N/A <	6.21e+01	62.100	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 SE-I-01	SOLID	N/A <	1.04e+02	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 SI-I-01	SOLID	N/A	3.60e+02	51.800	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 SM-I-01	SOLID	N/A <	1.04e+02	104.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 SR-I-01	SOLID	N/A <	1.04e+01	10.400	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 TI-I-01	SOLID	N/A <	1.04e+01	10.400	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 TL-I-01	SOLID	N/A <	2.07e+02	207.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 U-I-01	SOLID	N/A <	5.18e+02	518.000	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 V-I-01	SOLID	N/A <	5.18e+01	51.800	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 ZN-I-01	SOLID	N/A	1.22e+01	10.400	ug/g
6	SAMPLE	S96T001287	0	I	@ICP-I01 ZR-I-01	SOLID	N/A <	1.04e+01	10.400	ug/g
7	DUP	S96T001287	0	I	@ICP-I01 AG-I-01	SOLID	<1.04e1	<1.01e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 AL-I-01	SOLID	9.76e+03	8.76e+03	10.799	RPD
7	DUP	S96T001287	0	I	@ICP-I01 AS-I-01	SOLID	<1.04e2	<1.01e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 B-I-01	SOLID	4.62e+02	7.64e+02	49.266	RPD
7	DUP	S96T001287	0	I	@ICP-I01 BA-I-01	SOLID	<5.18e1	<5.07e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 BE-I-01	SOLID	<5.18e0	<5.07e0		RPD
7	DUP	S96T001287	0	I	@ICP-I01 BI-I-01	SOLID	<1.04e2	<1.01e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 CA-I-01	SOLID	4.78e+02	4.74e+02	0.840	RPD
7	DUP	S96T001287	0	I	@ICP-I01 CD-I-01	SOLID	1.43e+01	1.28e+01	11.070	RPD
7	DUP	S96T001287	0	I	@ICP-I01 CE-I-01	SOLID	<1.04e2	<1.01e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 CO-I-01	SOLID	<2.07e1	<2.03e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 CR-I-01	SOLID	2.96e+02	2.83e+02	4.491	RPD
7	DUP	S96T001287	0	I	@ICP-I01 CU-I-01	SOLID	1.64e+01	<1.01e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 FE-I-01	SOLID	6.77e+01	5.64e+01	18.211	RPD
7	DUP	S96T001287	0	I	@ICP-I01 K-I-01	SOLID	1.76e+03	1.64e+03	7.059	RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
7	DUP	S96T001287	0	I	@ICP-I01 LA-I-01	SOLID	<5.18e1	<5.07e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 LI-I-01	SOLID	<1.04e1	<1.01e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 MG-I-01	SOLID	<1.04e2	<1.01e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 MN-I-01	SOLID	2.77e+01	1.98e+01	33.263	RPD
7	DUP	S96T001287	0	I	@ICP-I01 MO-I-01	SOLID	<5.18e1	<5.07e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 NA-I-01	SOLID	1.78e+05	1.77e+05	0.563	RPD
7	DUP	S96T001287	0	I	@ICP-I01 ND-I-01	SOLID	<1.04e2	<1.01e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 NI-I-01	SOLID	1.33e+02	1.21e+02	9.449	RPD
7	DUP	S96T001287	0	I	@ICP-I01 P-I-01	SOLID	2.37e+03	3.10e+03	26.691	RPD
7	DUP	S96T001287	0	I	@ICP-I01 PB-I-01	SOLID	1.38e+02	1.11e+02	21.687	RPD
7	DUP	S96T001287	0	I	@ICP-I01 S-I-01	SOLID	7.24e+03	6.48e+03	11.079	RPD
7	DUP	S96T001287	0	I	@ICP-I01 SB-I-01	SOLID	<6.21e1	<6.08e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 SE-I-01	SOLID	<1.04e2	<1.01e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 SI-I-01	SOLID	3.60e+02	7.92e+02	75.000	RPD
7	DUP	S96T001287	0	I	@ICP-I01 SM-I-01	SOLID	<1.04e2	<1.01e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 SR-I-01	SOLID	<1.04e1	<1.01e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 TL-I-01	SOLID	<2.07e2	<2.03e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 U-I-01	SOLID	<5.18e2	<5.07e2		RPD
7	DUP	S96T001287	0	I	@ICP-I01 V-I-01	SOLID	<5.18e1	<5.07e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 ZN-I-01	SOLID	1.22e+01	1.55e+01	23.827	RPD
7	DUP	S96T001287	0	I	@ICP-I01 ZR-I-01	SOLID	<1.04e1	<1.01e1		RPD
7	DUP	S96T001287	0	I	@ICP-I01 TI-I-01	SOLID	<1.04e1	<1.01e1		RPD
8	SPK	S96T001287	0	I	@ICP-I01 AG-I-01	SOLID	1	0.806	80.600	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 AL-I-01	SOLID	1	1.017	101.700	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 AS-I-01	SOLID	1	1.040	104.000	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 B-I-01	SOLID	1	1.015	101.500	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 BA-I-01	SOLID	1	0.992	99.200	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 BE-I-01	SOLID	1	1.036	103.600	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 BI-I-01	SOLID	1	1.014	101.400	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 CA-I-01	SOLID	1	0.980	98.000	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 CD-I-01	SOLID	1	1.024	102.400	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 CE-I-01	SOLID	1	0.978	97.800	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 CO-I-01	SOLID	1	1.048	104.800	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 CR-I-01	SOLID	1	1.044	104.400	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 CU-I-01	SOLID	1	1.018	101.800	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 FE-I-01	SOLID	1	1.035	103.500	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 K-I-01	SOLID	1	1.041	104.100	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 LA-I-01	SOLID	1	1.014	101.400	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 LI-I-01	SOLID	1	0.950	95.000	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 MG-I-01	SOLID	1	0.992	99.200	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 MN-I-01	SOLID	1	1.027	102.700	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 MO-I-01	SOLID	1	1.074	107.400	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 NA-I-01	SOLID	1	<1.00e-1		% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 ND-I-01	SOLID	1	1.022	102.200	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 NI-I-01	SOLID	1	1.033	103.300	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 P-I-01	SOLID	1	1.027	102.700	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 PB-I-01	SOLID	1	1.019	101.900	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 S-I-01	SOLID	1	0.969	96.900	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01 SB-I-01	SOLID	1	0.936	93.600	% Recovery

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LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
8	SPK	S96T001287	0	I	@ICP-I01	SE-I-01	SOLID	1	1.008	100.800	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	SI-I-01	SOLID	1	1.190	119.000	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	SM-I-01	SOLID	1	1.006	100.600	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	SR-I-01	SOLID	1	0.998	99.800	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	TL-I-01	SOLID	1	0.920	92.000	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	U-I-01	SOLID	2	2.020	101.000	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	V-I-01	SOLID	1	1.038	103.800	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	ZN-I-01	SOLID	1	1.048	104.800	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	ZR-I-01	SOLID	1	1.006	100.600	% Recovery
8	SPK	S96T001287	0	I	@ICP-I01	TI-I-01	SOLID	1	0.992	99.200	% Recovery
9	CCV		0		@ICP-QC	AG	QC	5.0	4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	AL	QC	5.0	4.88e+00	97.600	% Recovery
9	CCV		0		@ICP-QC	AS	QC	5.0	5.12e+00	102.400	% Recovery
9	CCV		0		@ICP-QC	B	QC	5.0	5.07e+00	101.400	% Recovery
9	CCV		0		@ICP-QC	BA	QC	5.0	4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	BE	QC	5.0	5.20e+00	104.000	% Recovery
9	CCV		0		@ICP-QC	BI	QC	5.0	4.95e+00	99.000	% Recovery
9	CCV		0		@ICP-QC	CA	QC	5.0	4.97e+00	99.400	% Recovery
9	CCV		0		@ICP-QC	CD	QC	5.0	5.10e+00	102.000	% Recovery
9	CCV		0		@ICP-QC	CE	QC	5.0	4.95e+00	99.000	% Recovery
9	CCV		0		@ICP-QC	CO	QC	5.0	5.12e+00	102.400	% Recovery
9	CCV		0		@ICP-QC	CR	QC	5.0	5.12e+00	102.400	% Recovery
9	CCV		0		@ICP-QC	CU	QC	5.0	5.01e+00	100.200	% Recovery
9	CCV		0		@ICP-QC	FE	QC	5.0	5.13e+00	102.600	% Recovery
9	CCV		0		@ICP-QC	K	QC	5.0	4.82e+00	96.400	% Recovery
9	CCV		0		@ICP-QC	LA	QC	5.0	5.01e+00	100.200	% Recovery
9	CCV		0		@ICP-QC	LI	QC	5.0	4.84e+00	96.800	% Recovery
9	CCV		0		@ICP-QC	MG	QC	5.0	4.92e+00	98.400	% Recovery
9	CCV		0		@ICP-QC	MN	QC	5.0	5.06e+00	101.200	% Recovery
9	CCV		0		@ICP-QC	MO	QC	5.0	5.05e+00	101.000	% Recovery
9	CCV		0		@ICP-QC	NA	QC	5.0	4.83e+00	96.600	% Recovery
9	CCV		0		@ICP-QC	ND	QC	5.0	5.12e+00	102.400	% Recovery
9	CCV		0		@ICP-QC	NI	QC	5.0	5.08e+00	101.600	% Recovery
9	CCV		0		@ICP-QC	P	QC	5.0	5.13e+00	102.600	% Recovery
9	CCV		0		@ICP-QC	PB	QC	5.0	5.09e+00	101.800	% Recovery
9	CCV		0		@ICP-QC	S	QC	5.0	4.90e+00	98.000	% Recovery
9	CCV		0		@ICP-QC	SB	QC	5.0	4.66e+00	93.200	% Recovery
9	CCV		0		@ICP-QC	SE	QC	5.0	5.25e+00	105.000	% Recovery
9	CCV		0		@ICP-QC	SI	QC	5.0	4.79e+00	95.800	% Recovery
9	CCV		0		@ICP-QC	SM	QC	5.0	4.98e+00	99.600	% Recovery
9	CCV		0		@ICP-QC	SR	QC	5.0	4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	TI	QC	5.0	4.90e+00	98.000	% Recovery
9	CCV		0		@ICP-QC	TL	QC	5.0	4.82e+00	96.400	% Recovery
9	CCV		0		@ICP-QC	U	QC	10.0	9.73e+00	97.300	% Recovery
9	CCV		0		@ICP-QC	V	QC	5.0	5.13e+00	102.600	% Recovery
9	CCV		0		@ICP-QC	ZN	QC	5.0	5.13e+00	102.600	% Recovery
9	CCV		0		@ICP-QC	ZR	QC	5.0	4.97e+00	99.400	% Recovery
10	CCB		0		@ICP-QC	AG	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	AL	QC	1	<5.00e-2		ug/g

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LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A		Test	Matrix	Actual		Found	DL or Yield	Unit
10	CCB		0		@ICP-QC	AS	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	B	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	BA	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	BE	QC	1		<5.00e-3		ug/g
10	CCB		0		@ICP-QC	BI	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CA	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CD	QC	1		<5.00e-3		ug/g
10	CCB		0		@ICP-QC	CE	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CO	QC	1		<2.00e-2		ug/g
10	CCB		0		@ICP-QC	CR	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	CU	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	FE	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	K	QC	1		<5.00e-1		ug/g
10	CCB		0		@ICP-QC	LA	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	LI	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	MG	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	MN	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	MO	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	NA	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	ND	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	NI	QC	1		<2.00e-2		ug/g
10	CCB		0		@ICP-QC	P	QC	1		<2.00e-1		ug/g
10	CCB		0		@ICP-QC	PB	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	S	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SB	QC	1		<6.00e-2		ug/g
10	CCB		0		@ICP-QC	SE	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SI	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	SM	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SR	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	TI	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	TL	QC	1		<2.00e-1		ug/g
10	CCB		0		@ICP-QC	U	QC	1		<5.00e-1		ug/g
10	CCB		0		@ICP-QC	V	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	ZN	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	ZR	QC	1		<1.00e-2		ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	AG-I-01	SOLID	N/A	<	1.00e+01	10.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	AL-I-01	SOLID	N/A		1.75e+04	50.100	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	AS-I-01	SOLID	N/A	<	1.00e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	B-I-01	SOLID	N/A		6.97e+02	50.100	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	BA-I-01	SOLID	N/A	<	5.01e+01	50.100	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	BE-I-01	SOLID	N/A	<	5.01e+00	5.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	BI-I-01	SOLID	N/A	<	1.00e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	CA-I-01	SOLID	N/A		2.94e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	CD-I-01	SOLID	N/A		1.07e+01	5.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	CE-I-01	SOLID	N/A	<	1.00e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	CO-I-01	SOLID	N/A	<	2.00e+01	20.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	CR-I-01	SOLID	N/A		1.67e+02	10.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	CU-I-01	SOLID	N/A		1.14e+01	10.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	FE-I-01	SOLID	N/A	<	5.01e+01	50.100	ug/g

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LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A		Test	Matrix	Actual		Found	DL or Yield	Unit
11	SAMPLE	S96T001295	0	I	@ICP-I01	K-I-01	SOLID	N/A		1.88e+03	501.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	LA-I-01	SOLID	N/A	<	5.01e+01	50.100	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	LI-I-01	SOLID	N/A	<	1.00e+01	10.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	MG-I-01	SOLID	N/A	<	1.00e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	MN-I-01	SOLID	N/A	<	1.00e+01	10.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	MO-I-01	SOLID	N/A	<	5.01e+01	50.100	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	NA-I-01	SOLID	N/A		2.05e+05	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	ND-I-01	SOLID	N/A	<	1.00e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	NI-I-01	SOLID	N/A		1.40e+02	20.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	P-I-01	SOLID	N/A		1.31e+03	200.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	PB-I-01	SOLID	N/A	<	1.00e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	S-I-01	SOLID	N/A		5.46e+03	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	SB-I-01	SOLID	N/A	<	6.01e+01	60.100	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	SE-I-01	SOLID	N/A	<	1.00e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	SI-I-01	SOLID	N/A		8.49e+02	50.100	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	SM-I-01	SOLID	N/A	<	1.00e+02	100.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	SR-I-01	SOLID	N/A	<	1.00e+01	10.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	TI-I-01	SOLID	N/A	<	1.00e+01	10.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	TL-I-01	SOLID	N/A	<	2.00e+02	200.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	U-I-01	SOLID	N/A	<	5.01e+02	501.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	V-I-01	SOLID	N/A	<	5.01e+01	50.100	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	ZN-I-01	SOLID	N/A	<	1.00e+01	10.000	ug/g
11	SAMPLE	S96T001295	0	I	@ICP-I01	ZR-I-01	SOLID	N/A	<	1.00e+01	10.000	ug/g
12	DUP	S96T001295	0	I	@ICP-I01	AG-I-01	SOLID	<1.00e1		<1.03e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	AL-I-01	SOLID	1.75e+04		1.73e+04	1.149	RPD
12	DUP	S96T001295	0	I	@ICP-I01	AS-I-01	SOLID	<1.00e2		<1.03e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	B-I-01	SOLID	6.97e+02		8.01e+02	13.885	RPD
12	DUP	S96T001295	0	I	@ICP-I01	BA-I-01	SOLID	<5.01e1		<5.14e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	BE-I-01	SOLID	<5.01e0		<5.14e0		RPD
12	DUP	S96T001295	0	I	@ICP-I01	BI-I-01	SOLID	<1.00e2		<1.03e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	CA-I-01	SOLID	2.94e+02		3.33e+02	12.440	RPD
12	DUP	S96T001295	0	I	@ICP-I01	CD-I-01	SOLID	1.07e+01		1.28e+01	17.872	RPD
12	DUP	S96T001295	0	I	@ICP-I01	CE-I-01	SOLID	<1.00e2		<1.03e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	CO-I-01	SOLID	<2.00e1		<2.06e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	CR-I-01	SOLID	1.67e+02		1.82e+02	8.596	RPD
12	DUP	S96T001295	0	I	@ICP-I01	CU-I-01	SOLID	1.14e+01		1.30e+01	13.115	RPD
12	DUP	S96T001295	0	I	@ICP-I01	FE-I-01	SOLID	<5.01e1		<5.14e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	K-I-01	SOLID	1.88e+03		1.91e+03	1.583	RPD
12	DUP	S96T001295	0	I	@ICP-I01	LA-I-01	SOLID	<5.01e1		<5.14e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	LI-I-01	SOLID	<1.00e1		<1.03e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	MG-I-01	SOLID	<1.00e2		<1.03e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	MN-I-01	SOLID	<1.00e1		<1.03e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	MO-I-01	SOLID	<5.01e1		<5.14e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	NA-I-01	SOLID	2.05e+05		2.08e+05	1.453	RPD
12	DUP	S96T001295	0	I	@ICP-I01	ND-I-01	SOLID	<1.00e2		<1.03e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	NI-I-01	SOLID	1.40e+02		1.37e+02	2.166	RPD
12	DUP	S96T001295	0	I	@ICP-I01	P-I-01	SOLID	1.31e+03		1.71e+03	26.490	RPD
12	DUP	S96T001295	0	I	@ICP-I01	PB-I-01	SOLID	<1.00e2		<1.03e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	S-I-01	SOLID	5.46e+03		5.86e+03	7.067	RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
12	DUP	S96T001295	0	I	@ICP-I01	SB-I-01	SOLID	<6.01e1	<6.17e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	SE-I-01	SOLID	<1.00e2	<1.03e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	SI-I-01	SOLID	8.49e+02	9.60e+02	12.272	RPD
12	DUP	S96T001295	0	I	@ICP-I01	SM-I-01	SOLID	<1.00e2	<1.03e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	SR-I-01	SOLID	<1.00e1	<1.03e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	TL-I-01	SOLID	<2.00e2	<2.06e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	U-I-01	SOLID	<5.01e2	<5.14e2		RPD
12	DUP	S96T001295	0	I	@ICP-I01	V-I-01	SOLID	<5.01e1	<5.14e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	ZN-I-01	SOLID	<1.00e1	<1.03e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	ZR-I-01	SOLID	<1.00e1	<1.03e1		RPD
12	DUP	S96T001295	0	I	@ICP-I01	TI-I-01	SOLID	<1.00e1	<1.03e1		RPD
13	SPK	S96T001295	0	I	@ICP-I01	AG-I-01	SOLID	1	0.720	72.000	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	AL-I-01	SOLID	1	0.901	90.100	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	AS-I-01	SOLID	1	1.034	103.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	B-I-01	SOLID	1	1.002	100.200	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	BA-I-01	SOLID	1	0.988	98.800	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	BE-I-01	SOLID	1	1.034	103.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	BI-I-01	SOLID	1	0.996	99.600	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	CA-I-01	SOLID	1	0.989	98.900	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	CD-I-01	SOLID	1	1.019	101.900	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	CE-I-01	SOLID	1	0.974	97.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	CO-I-01	SOLID	1	1.044	104.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	CR-I-01	SOLID	1	1.035	103.500	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	CU-I-01	SOLID	1	1.013	101.300	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	FE-I-01	SOLID	1	1.068	106.800	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	K-I-01	SOLID	1	1.067	106.700	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	LA-I-01	SOLID	1	1.008	100.800	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	LI-I-01	SOLID	1	0.940	94.000	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	MG-I-01	SOLID	1	0.986	98.600	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	MN-I-01	SOLID	1	1.032	103.200	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	MO-I-01	SOLID	1	1.068	106.800	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	NA-I-01	SOLID	1	<1.00e-1		% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	ND-I-01	SOLID	1	1.028	102.800	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	NI-I-01	SOLID	1	1.017	101.700	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	P-I-01	SOLID	1	0.972	97.200	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	PB-I-01	SOLID	1	1.064	106.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	S-I-01	SOLID	1	0.943	94.300	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	SB-I-01	SOLID	1	0.914	91.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	SE-I-01	SOLID	1	0.998	99.800	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	SI-I-01	SOLID	1	1.232	123.200	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	SM-I-01	SOLID	1	0.974	97.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	SR-I-01	SOLID	1	0.994	99.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	TL-I-01	SOLID	1	0.966	96.600	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	U-I-01	SOLID	2	1.932	96.600	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	V-I-01	SOLID	1	1.036	103.600	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	ZN-I-01	SOLID	1	1.050	105.000	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	ZR-I-01	SOLID	1	1.004	100.400	% Recovery
13	SPK	S96T001295	0	I	@ICP-I01	TI-I-01	SOLID	1	0.986	98.600	% Recovery
14	ICSA		0		@ICP-QC	AG	QC	1	<1.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
14	ICSA		0		●ICP-QC	AL	QC	200	1.99e+02	99.500	% Recovery
14	ICSA		0		●ICP-QC	AS	QC	1	<1.00e-1		ug/g
14	ICSA		0		●ICP-QC	B	QC	1	<5.00e-2		ug/g
14	ICSA		0		●ICP-QC	BA	QC	1	<5.00e-2		ug/g
14	ICSA		0		●ICP-QC	BE	QC	1	<5.00e-3		ug/g
14	ICSA		0		●ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
14	ICSA		0		●ICP-QC	CA	QC	100.	1.05e+02	105.000	% Recovery
14	ICSA		0		●ICP-QC	CD	QC	1	<5.00e-3		ug/g
14	ICSA		0		●ICP-QC	CE	QC	1	<1.00e-1		ug/g
14	ICSA		0		●ICP-QC	CO	QC	1	<2.00e-2		ug/g
14	ICSA		0		●ICP-QC	CR	QC	1	<1.00e-2		ug/g
14	ICSA		0		●ICP-QC	CU	QC	1	<1.00e-2		ug/g
14	ICSA		0		●ICP-QC	FE	QC	100.	9.86e+01	98.600	% Recovery
14	ICSA		0		●ICP-QC	K	QC	1	<5.00e-1		ug/g
14	ICSA		0		●ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
14	ICSA		0		●ICP-QC	LI	QC	1	<1.00e-2		ug/g
14	ICSA		0		●ICP-QC	MG	QC	100.	1.03e+02	103.000	% Recovery
14	ICSA		0		●ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
14	ICSA		0		●ICP-QC	MO	QC	1	<5.00e-2		ug/g
14	ICSA		0		●ICP-QC	NA	QC	200	1.90e+02	95.000	% Recovery
14	ICSA		0		●ICP-QC	ND	QC	1	<1.00e-1		ug/g
14	ICSA		0		●ICP-QC	NI	QC	1	<2.00e-2		ug/g
14	ICSA		0		●ICP-QC	P	QC	1.0	<2.00e-1		ug/g
14	ICSA		0		●ICP-QC	PB	QC	1	<1.00e-1		ug/g
14	ICSA		0		●ICP-QC	S	QC	1.0	<1.00e-1		ug/g
14	ICSA		0		●ICP-QC	SB	QC	1	<6.00e-2		ug/g
14	ICSA		0		●ICP-QC	SE	QC	1	<1.00e-1		ug/g
14	ICSA		0		●ICP-QC	SI	QC	1	<5.00e-2		ug/g
14	ICSA		0		●ICP-QC	SM	QC	1	<1.00e-1		ug/g
14	ICSA		0		●ICP-QC	SR	QC	1	<1.00e-2		ug/g
14	ICSA		0		●ICP-QC	TI	QC	1	<1.00e-2		ug/g
14	ICSA		0		●ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
14	ICSA		0		●ICP-QC	U	QC	1	<5.00e-1		ug/g
14	ICSA		0		●ICP-QC	V	QC	1	<5.00e-2		ug/g
14	ICSA		0		●ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
14	ICSA		0		●ICP-QC	ZR	QC	1	<1.00e-2		ug/g
15	ICSAB		0		●ICP-QC	AG	QC	1.0	1.02e+00	102.000	% Recovery
15	ICSAB		0		●ICP-QC	AL	QC	200	1.98e+02	99.000	% Recovery
15	ICSAB		0		●ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0		●ICP-QC	B	QC	1.0	<5.00e-2		ug/g
15	ICSAB		0		●ICP-QC	BA	QC	0.5	5.08e-01	101.600	% Recovery
15	ICSAB		0		●ICP-QC	BE	QC	0.5	5.08e-01	101.600	% Recovery
15	ICSAB		0		●ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0		●ICP-QC	CA	QC	100.	1.04e+02	104.000	% Recovery
15	ICSAB		0		●ICP-QC	CD	QC	1.0	1.02e+00	102.000	% Recovery
15	ICSAB		0		●ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0		●ICP-QC	CO	QC	0.5	5.10e-01	102.000	% Recovery
15	ICSAB		0		●ICP-QC	CR	QC	0.5	5.10e-01	102.000	% Recovery
15	ICSAB		0		●ICP-QC	CU	QC	0.5	4.99e-01	99.800	% Recovery

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LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
15	ICSAB	0		●ICP-QC	FE	QC	100	9.79e+01	97.900	% Recovery
15	ICSAB	0		●ICP-QC	K	QC	1.0	<5.00e-1		ug/g
15	ICSAB	0		●ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
15	ICSAB	0		●ICP-QC	LI	QC	1.0	9.24e-01	92.400	% Recovery
15	ICSAB	0		●ICP-QC	MG	QC	100.	1.02e+02	102.000	% Recovery
15	ICSAB	0		●ICP-QC	MN	QC	0.5	5.05e-01	101.000	% Recovery
15	ICSAB	0		●ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
15	ICSAB	0		●ICP-QC	NA	QC	200	1.90e+02	95.000	% Recovery
15	ICSAB	0		●ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
15	ICSAB	0		●ICP-QC	NI	QC	1.0	9.95e-01	99.500	% Recovery
15	ICSAB	0		●ICP-QC	P	QC	1.0	<2.00e-1		ug/g
15	ICSAB	0		●ICP-QC	PB	QC	1.0	1.01e+00	101.000	% Recovery
15	ICSAB	0		●ICP-QC	S	QC	1.0	<1.00e-1		ug/g
15	ICSAB	0		●ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
15	ICSAB	0		●ICP-QC	SE	QC	1.0	<1.00e-1		ug/g
15	ICSAB	0		●ICP-QC	SI	QC	1.0	<5.00e-2		ug/g
15	ICSAB	0		●ICP-QC	SM	QC	1.0	<1.00e-1		ug/g
15	ICSAB	0		●ICP-QC	SR	QC	1.0	<1.00e-2		ug/g
15	ICSAB	0		●ICP-QC	TI	QC	1.0	<1.00e-2		ug/g
15	ICSAB	0		●ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
15	ICSAB	0		●ICP-QC	U	QC	1.0	<5.00e-1		ug/g
15	ICSAB	0		●ICP-QC	V	QC	0.5	5.03e-01	100.600	% Recovery
15	ICSAB	0		●ICP-QC	ZN	QC	1.0	1.01e+00	101.000	% Recovery
15	ICSAB	0		●ICP-QC	ZR	QC	1.0	<1.00e-2		ug/g
16	CCV	0		●ICP-QC	AG	QC	5.0	4.96e+00	99.200	% Recovery
16	CCV	0		●ICP-QC	AL	QC	5.0	4.92e+00	98.400	% Recovery
16	CCV	0		●ICP-QC	AS	QC	5.0	5.12e+00	102.400	% Recovery
16	CCV	0		●ICP-QC	B	QC	5.0	5.08e+00	101.600	% Recovery
16	CCV	0		●ICP-QC	BA	QC	5.0	4.93e+00	98.600	% Recovery
16	CCV	0		●ICP-QC	BE	QC	5.0	5.20e+00	104.000	% Recovery
16	CCV	0		●ICP-QC	BI	QC	5.0	4.97e+00	99.400	% Recovery
16	CCV	0		●ICP-QC	CA	QC	5.0	4.95e+00	99.000	% Recovery
16	CCV	0		●ICP-QC	CD	QC	5.0	5.11e+00	102.200	% Recovery
16	CCV	0		●ICP-QC	CE	QC	5.0	5.00e+00	100.000	% Recovery
16	CCV	0		●ICP-QC	CO	QC	5.0	5.15e+00	103.000	% Recovery
16	CCV	0		●ICP-QC	CR	QC	5.0	5.13e+00	102.600	% Recovery
16	CCV	0		●ICP-QC	CU	QC	5.0	5.00e+00	100.000	% Recovery
16	CCV	0		●ICP-QC	FE	QC	5.0	5.14e+00	102.800	% Recovery
16	CCV	0		●ICP-QC	K	QC	5.0	4.86e+00	97.200	% Recovery
16	CCV	0		●ICP-QC	LA	QC	5.0	5.02e+00	100.400	% Recovery
16	CCV	0		●ICP-QC	LI	QC	5.0	4.85e+00	97.000	% Recovery
16	CCV	0		●ICP-QC	MG	QC	5.0	4.95e+00	99.000	% Recovery
16	CCV	0		●ICP-QC	MN	QC	5.0	5.06e+00	101.200	% Recovery
16	CCV	0		●ICP-QC	MO	QC	5.0	5.10e+00	102.000	% Recovery
16	CCV	0		●ICP-QC	NA	QC	5.0	4.87e+00	97.400	% Recovery
16	CCV	0		●ICP-QC	ND	QC	5.0	5.09e+00	101.800	% Recovery
16	CCV	0		●ICP-QC	NI	QC	5.0	5.09e+00	101.800	% Recovery
16	CCV	0		●ICP-QC	P	QC	5.0	5.23e+00	104.600	% Recovery
16	CCV	0		●ICP-QC	PB	QC	5.0	5.12e+00	102.400	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
16	CCV	0		●ICP-QC	S	QC	5.0	4.97e+00	99.400	% Recovery
16	CCV	0		●ICP-QC	SB	QC	5.0	4.70e+00	94.000	% Recovery
16	CCV	0		●ICP-QC	SE	QC	5.0	5.27e+00	105.400	% Recovery
16	CCV	0		●ICP-QC	SI	QC	5.0	4.82e+00	96.400	% Recovery
16	CCV	0		●ICP-QC	SM	QC	5.0	4.96e+00	99.200	% Recovery
16	CCV	0		●ICP-QC	SR	QC	5.0	4.95e+00	99.000	% Recovery
16	CCV	0		●ICP-QC	TI	QC	5.0	4.91e+00	98.200	% Recovery
16	CCV	0		●ICP-QC	TL	QC	5.0	4.84e+00	96.800	% Recovery
16	CCV	0		●ICP-QC	U	QC	10.0	9.68e+00	96.800	% Recovery
16	CCV	0		●ICP-QC	V	QC	5.0	5.15e+00	103.000	% Recovery
16	CCV	0		●ICP-QC	ZN	QC	5.0	5.18e+00	103.600	% Recovery
16	CCV	0		●ICP-QC	ZR	QC	5.0	4.98e+00	99.600	% Recovery
17	CCB	0		●ICP-QC	AG	QC	1	<1.00e-2		ug/g
17	CCB	0		●ICP-QC	AL	QC	1	<5.00e-2		ug/g
17	CCB	0		●ICP-QC	AS	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	B	QC	1	<5.00e-2		ug/g
17	CCB	0		●ICP-QC	BA	QC	1	<5.00e-2		ug/g
17	CCB	0		●ICP-QC	BE	QC	1	<5.00e-3		ug/g
17	CCB	0		●ICP-QC	BI	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	CA	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	CD	QC	1	<5.00e-3		ug/g
17	CCB	0		●ICP-QC	CE	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	CO	QC	1	<2.00e-2		ug/g
17	CCB	0		●ICP-QC	CR	QC	1	<1.00e-2		ug/g
17	CCB	0		●ICP-QC	CU	QC	1	<1.00e-2		ug/g
17	CCB	0		●ICP-QC	FE	QC	1	<5.00e-2		ug/g
17	CCB	0		●ICP-QC	K	QC	1	<5.00e-1		ug/g
17	CCB	0		●ICP-QC	LA	QC	1	<5.00e-2		ug/g
17	CCB	0		●ICP-QC	LI	QC	1	<1.00e-2		ug/g
17	CCB	0		●ICP-QC	MG	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	MN	QC	1	<1.00e-2		ug/g
17	CCB	0		●ICP-QC	MO	QC	1	<5.00e-2		ug/g
17	CCB	0		●ICP-QC	NA	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	ND	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	NI	QC	1	<2.00e-2		ug/g
17	CCB	0		●ICP-QC	P	QC	1	<2.00e-1		ug/g
17	CCB	0		●ICP-QC	PB	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	S	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	SB	QC	1	<6.00e-2		ug/g
17	CCB	0		●ICP-QC	SE	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	SI	QC	1	<5.00e-2		ug/g
17	CCB	0		●ICP-QC	SM	QC	1	<1.00e-1		ug/g
17	CCB	0		●ICP-QC	SR	QC	1	<1.00e-2		ug/g
17	CCB	0		●ICP-QC	TI	QC	1	<1.00e-2		ug/g
17	CCB	0		●ICP-QC	TL	QC	1	<2.00e-1		ug/g
17	CCB	0		●ICP-QC	U	QC	1	<5.00e-1		ug/g
17	CCB	0		●ICP-QC	V	QC	1	<5.00e-2		ug/g
17	CCB	0		●ICP-QC	ZN	QC	1	<1.00e-2		ug/g
17	CCB	0		●ICP-QC	ZR	QC	1	<1.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 6681

Seq Type	Sample# R A	Test	Matrix	Actual	Found	DL or Yield	Unit

Final page for worklist# 6681

Analyst Signature Date

Analyst Signature Date

Reviewer Signature Date 5/2/96

Units shown for QC (BLK/BKG) may not reflect the actual units.

Identity 1: ICV Identity 2: Quality Control 9:29 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.925	4.889	4.905	4.777	4.855	5.073	4.990	4.904
S.D.	0.004	0.005	0.037	0.006	0.007	0.018	0.018	0.044
% R.S.D.	0.089	0.112	0.747	0.128	0.154	0.364	0.351	0.906

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.124	5.033	4.971	5.099	4.935	5.079	5.049	9.738
S.D.	0.018	0.013	0.011	0.008	0.011	0.014	0.032	0.025
% R.S.D.	0.356	0.268	0.221	0.166	0.230	0.271	0.631	0.257

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.941	4.924	4.897	4.973	4.835	4.883	5.062	4.853
S.D.	0.023	0.011	0.010	0.118	0.044	0.016	0.014	0.046
% R.S.D.	0.467	0.224	0.199	2.373	0.908	0.335	0.285	0.938

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.017	5.172	4.937	5.035	4.866	5.049	5.072	4.903
S.D.	0.014	0.071	0.006	0.037	0.007	0.013	0.008	0.068
% R.S.D.	0.279	1.377	0.114	0.730	0.150	0.252	0.161	1.386

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.021	5.338	5.098	5.159	4.863
S.D.	0.003	1.178	0.004	0.010	0.006
% R.S.D.	0.056	22.057	0.084	0.190	0.127

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 860 TO 878.

5-1-96

U-105 H_2O DIGEST

S96T001287, 1295

Lot-4-C

FILE # 960501A.DAT

Identity 1: ICB Identity 2: Quality Control 9:32 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	-0.000	0.003	0.006	-0.024	0.004	-0.002	-0.001
S.D.	0.001	0.000	0.004	0.002	0.005	0.000	0.000	0.000
% R.S.D.	77.872	144.314	153.281	26.800	21.377	0.147	16.307	39.312

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	-0.001	-0.003	-0.010	0.000	-0.002	-0.006	-0.042
S.D.	0.001	0.001	0.001	0.000	0.000	0.001	0.005	0.047
% R.S.D.	129.634	58.315	29.320	3.666	93.380	50.098	95.576	110.940

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.064	-0.006	-0.001	0.003	0.004	0.001	0.005	-0.012
S.D.	0.010	0.010	0.000	0.007	0.002	0.000	0.003	0.006
% R.S.D.	16.378	184.440	42.968	230.691	49.807	88.192	63.467	46.188

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.000	-0.031	-0.003	-0.006	0.001	0.000	0.004	-0.013
S.D.	0.001	0.005	0.001	0.013	0.000	0.001	0.000	0.021
% R.S.D.	292.828	15.998	22.308	214.608	37.972	376.288	10.120	166.520

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.001	-0.025	-0.005	0.000	-0.103
S.D.	0.000	0.016	0.000	0.000	0.009
% R.S.D.	58.072	64.807	2.777	318.811	8.728

Identity 1: ICSA Identity 2: Quality Control 9:35 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.000	0.002	-0.004	0.020	197.233	0.002	0.000	-0.000
S.D.	0.002	0.000	0.007	0.004	0.587	0.000	0.001	0.000
% R.S.D.	752.070	7.317	173.982	22.090	0.297	0.341	287.132	435.261

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.004	0.003	0.004	97.786	104.633	-0.002	-0.035	0.012
S.D.	0.000	0.002	0.001	0.141	0.115	0.001	0.006	0.067
% R.S.D.	6.072	59.344	18.299	0.145	0.110	55.859	16.007	571.699

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.033	0.032	0.003	0.042	0.031	101.594	0.057	188.786
S.D.	0.017	0.015	0.000	0.011	0.015	0.088	0.002	1.936
% R.S.D.	51.393	45.177	11.909	27.287	49.200	0.087	3.573	1.026

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.047	-0.001	-0.002	0.001	-0.001	0.013	-0.091
S.D.	0.002	0.006	0.001	0.009	0.001	0.001	0.000	0.019
% R.S.D.	155.011	13.008	111.265	545.540	85.286	168.911	2.997	21.229

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.002	-0.029	-0.004	0.002	-0.107
S.D.	0.001	0.009	0.001	0.000	0.031
% R.S.D.	26.566	31.340	23.060	11.113	29.093

Identity 1: ICSA8 Identity 2: Quality Control 9:38 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.005	0.002	-0.010	0.009	196.242	0.502	0.497	0.922
S.D.	0.002	0.000	0.012	0.003	0.678	0.000	0.002	0.006
% R.S.D.	36.761	8.347	110.621	33.712	0.346	0.002	0.376	0.689

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.009	0.995	0.000	98.081	104.210	0.510	-0.028	-0.073
S.D.	0.002	0.007	0.001	0.213	0.392	0.004	0.003	0.081
% R.S.D.	0.224	0.726	143848.682	0.217	0.376	0.712	12.040	112.084

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.012	0.024	0.502	0.036	0.050	101.495	0.069	188.245
S.D.	0.018	0.016	0.002	0.009	0.009	0.067	0.004	1.151
% R.S.D.	157.881	66.822	0.437	26.008	18.869	0.066	6.138	0.611

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.002	-0.008	1.017	1.020	0.001	1.013	0.015	-0.074
S.D.	0.002	0.024	0.001	0.031	0.000	0.004	0.002	0.022
% R.S.D.	81.414	291.046	0.125	3.031	36.200	0.375	11.173	29.297

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.506	-0.011	0.499	0.507	-0.016
S.D.	0.001	0.008	0.001	0.002	0.029
% R.S.D.	0.167	70.335	0.164	0.356	179.786

Identity 1: prepblkarl Identity 2: direct 9:42 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.000	-0.002	0.329	0.190	0.007	0.002	0.002
S.D.	0.001	0.000	0.013	0.001	0.037	0.003	0.000	0.001
% R.S.D.	72.539	312.250	822.703	0.163	19.560	42.670	26.219	34.556

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.002	-0.002	-0.001	0.026	0.029	-0.001	-0.019	-0.105
S.D.	0.000	0.003	0.001	0.020	0.016	0.002	0.004	0.060
% R.S.D.	13.931	125.811	145.422	77.013	55.833	123.948	20.413	57.198

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.022	-0.009	0.001	-0.001	0.001	0.022	-0.005	2.127
S.D.	0.017	0.012	0.000	0.009	0.001	0.017	0.002	0.025
% R.S.D.	77.536	130.014	26.491	1637.295	158.289	77.446	32.795	1.171

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.000	-0.053	-0.002	0.004	0.001	0.001	1.527	0.070
S.D.	0.000	0.002	0.001	0.010	0.000	0.001	0.005	0.017
% R.S.D.	83.861	4.626	44.500	277.364	27.274	80.439	0.312	24.361

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.004	-0.018	-0.001	-0.000	-0.053
S.D.	0.000	0.004	0.001	0.000	0.026
% R.S.D.	10.937	20.966	78.072	2561.834	49.737

Identity 1: S96T001287_L Identity 2: 1ml-4ml-1ml-4ml 9:46 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.025	-0.001	0.398	1.808	46.895	0.154	0.059	-0.014
S.D.	0.024	0.002	0.220	0.109	0.086	0.044	0.017	0.009
% R.S.D.	98.046	346.410	55.134	6.026	0.184	28.791	28.268	61.133

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.110	0.658	-0.000	0.312	2.445	1.385	-0.376	-0.603
S.D.	0.005	0.034	0.020	0.072	0.011	0.062	0.296	0.718
% R.S.D.	4.838	5.237	4754.599	22.951	0.451	4.471	78.803	119.149

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.820	0.096	-0.010	11.836	35.107	0.051	-0.043	870.048
S.D.	0.347	0.193	0.004	0.625	0.876	0.004	0.066	6.640
% R.S.D.	42.286	199.878	43.481	5.278	2.497	8.333	151.715	0.763

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.270	-0.895	-0.044	0.628	0.014	0.096	2.296	7.700
S.D.	0.053	0.291	0.015	0.466	0.016	0.014	0.012	0.221
% R.S.D.	19.653	32.523	33.794	74.228	119.296	14.783	0.533	2.871

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.123	0.512	-0.028	-0.002	-0.883
S.D.	0.007	0.827	0.033	0.003	0.412
% R.S.D.	5.700	161.318	117.901	164.549	46.631

Identity 1: S96T001287 Identity 2: 1ml-4ml 9:49 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.024	0.005	0.016	1.739	47.114	0.046	0.079	0.001
S.D.	0.007	0.000	0.086	0.010	0.077	0.018	0.002	0.001
% R.S.D.	29.938	3.936	530.229	0.569	0.164	38.387	2.968	105.299

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.059	0.644	-0.014	0.327	2.308	1.431	0.011	-0.978
S.D.	0.003	0.027	0.010	0.009	0.004	0.022	0.011	0.136
% R.S.D.	4.785	4.181	73.635	2.722	0.178	1.512	92.922	13.892

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.154	-0.130	0.002	11.467	34.957	0.034	-0.017	861.625
S.D.	0.042	0.028	0.001	0.428	0.293	0.001	0.009	5.531
% R.S.D.	27.222	21.589	30.987	3.729	0.839	2.840	52.852	0.642

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.241	-0.187	-0.003	0.664	-0.004	0.069	2.233	8.496
S.D.	0.010	0.046	0.004	0.048	0.002	0.004	0.005	0.117
% R.S.D.	3.945	24.810	109.148	7.178	69.833	6.410	0.208	1.376

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.134	-0.089	-0.004	-0.001	-0.230
S.D.	0.002	0.060	0.002	0.001	0.059
% R.S.D.	1.197	67.963	40.805	48.620	25.690

Identity 1: S96T001287_D Identity 2: 1ml-4ml 9:52 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.008	0.004	0.047	3.908	43.207	0.031	0.046	0.005
S.D.	0.002	0.000	0.010	0.016	0.107	0.024	0.001	0.000
% R.S.D.	26.219	9.623	22.062	0.404	0.248	76.238	2.467	4.634

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.076	0.598	-0.000	0.278	2.338	1.394	-0.016	-0.332
S.D.	0.001	0.018	0.008	0.017	0.001	0.019	0.058	0.014
% R.S.D.	1.894	2.947	2708.179	6.119	0.030	1.339	354.682	4.220

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.058	0.009	0.003	15.299	31.933	0.027	0.043	870.597
S.D.	0.030	0.010	0.000	0.172	0.037	0.002	0.028	2.989
% R.S.D.	52.549	105.994	8.486	1.126	0.115	7.143	65.727	0.343

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.234	-0.114	-0.001	0.549	0.001	0.063	3.769	8.100
S.D.	0.009	0.041	0.001	0.064	0.001	0.004	0.012	0.064
% R.S.D.	3.920	36.128	58.150	11.582	81.924	7.033	0.328	0.788

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.097	-0.038	-0.003	-0.001	-0.230
S.D.	0.001	0.046	0.004	0.001	0.022
% R.S.D.	0.827	120.410	132.741	133.452	9.615

Identity 1: S96T001287_A Identity 2: 1ml-1ml(sst5)-3ml 9:55 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	5.030	4.992	5.067	7.691	52.151	5.244	5.166	4.752
S.D.	0.007	0.007	0.084	0.051	0.023	0.015	0.014	0.022
% R.S.D.	0.130	0.144	1.667	0.658	0.044	0.293	0.273	0.471

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.298	5.805	5.072	5.503	7.212	6.654	5.105	10.057
S.D.	0.003	0.035	0.040	0.082	0.019	0.005	0.029	0.233
% R.S.D.	0.057	0.606	0.786	1.492	0.267	0.069	0.574	2.313

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.888	5.029	4.958	16.623	39.809	4.961	5.202	859.853
S.D.	0.051	0.035	0.010	0.342	0.502	0.006	0.034	3.478
% R.S.D.	1.037	0.692	0.195	2.057	1.262	0.130	0.659	0.404

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.368	5.035	4.025	5.755	4.957	5.185	7.314	13.711
S.D.	0.028	0.130	0.009	0.097	0.004	0.006	0.030	0.048
% R.S.D.	0.512	2.586	0.215	1.681	0.087	0.108	0.415	0.352

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.265	4.675	5.188	5.182	4.596
S.D.	0.011	0.023	0.000	0.002	0.089
% R.S.D.	0.202	0.486	0.007	0.034	1.939

Identity 1: CCV Identity 2: Quality Control 10:00 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.969	4.936	4.949	4.788	4.884	5.124	5.010	4.841
S.D.	0.010	0.018	0.018	0.013	0.018	0.013	0.020	0.042
% R.S.D.	0.210	0.366	0.365	0.266	0.359	0.250	0.392	0.872

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.130	5.079	5.015	5.130	4.970	5.119	5.119	9.730
S.D.	0.004	0.023	0.008	0.004	0.015	0.003	0.020	0.009
% R.S.D.	0.082	0.462	0.154	0.077	0.307	0.064	0.393	0.095

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.952	4.983	4.937	5.126	4.896	4.915	5.115	4.831
S.D.	0.012	0.014	0.019	0.026	0.032	0.010	0.018	0.039
% R.S.D.	0.242	0.276	0.394	0.506	0.645	0.204	0.356	0.816

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.052	5.248	4.937	5.086	4.901	5.099	5.073	4.819
S.D.	0.016	0.024	0.006	0.028	0.015	0.006	0.013	0.024
% R.S.D.	0.320	0.465	0.127	0.544	0.296	0.115	0.247	0.503

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.055	4.662	5.133	5.200	4.819
S.D.	0.009	0.010	0.011	0.011	0.024
% R.S.D.	0.169	0.216	0.206	0.216	0.496

Identity 1: CCB Identity 2: Quality Control 10:03 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.000	-0.016	0.002	-0.018	0.009	-0.000	0.000
S.D.	0.001	0.000	0.007	0.003	0.003	0.002	0.000	0.000
% R.S.D.	62.733	156.125	46.689	113.697	19.032	19.247	92.608	113.534

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	-0.001	-0.001	-0.005	0.001	-0.001	-0.008	0.006
S.D.	0.000	0.002	0.001	0.001	0.000	0.002	0.008	0.022
% R.S.D.	22.685	159.429	149.725	21.351	72.169	145.812	106.765	399.825

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.026	-0.030	0.000	0.010	0.006	0.000	0.002	0.008
S.D.	0.007	0.002	0.000	0.002	0.001	0.000	0.007	0.009
% R.S.D.	25.073	7.769	1281.601	19.561	11.875	78.063	345.428	108.155

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	-0.091	-0.000	-0.004	0.001	0.002	0.003	-0.025
S.D.	0.001	0.006	0.000	0.010	0.000	0.001	0.001	0.018
% R.S.D.	109.623	6.353	210.673	241.777	28.654	33.223	17.402	74.827

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	-0.008	-0.003	0.000	-0.023
S.D.	0.001	0.016	0.000	0.000	0.013
% R.S.D.	315.127	219.250	6.472	28.260	57.021

Identity 1: S96T001295_L Identity 2: 1ml-4ml-1ml-4ml 10:07 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.011	0.003	0.252	4.291	86.859	0.103	0.046	-0.008
S.D.	0.012	0.003	0.188	0.054	0.278	0.000	0.010	0.007
% R.S.D.	111.423	124.900	74.632	1.262	0.321	0.185	20.648	84.919

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.072	0.736	0.011	0.045	1.836	0.782	0.009	0.459
S.D.	0.014	0.054	0.068	0.012	0.009	0.033	0.234	1.483
% R.S.D.	19.061	7.312	599.362	27.324	0.508	4.197	2464.450	323.321

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.660	0.490	-0.008	6.499	27.299	0.038	-0.041	1037.563
S.D.	0.372	0.292	0.008	0.739	0.529	0.000	0.030	8.626
% R.S.D.	56.348	59.559	100.167	11.369	1.938	0.000	72.374	0.831

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.288	-1.134	-0.045	0.435	0.024	0.066	3.548	9.975
S.D.	0.004	0.449	0.017	0.145	0.006	0.009	0.032	0.074
% R.S.D.	1.444	39.623	37.186	33.390	26.165	14.259	0.906	0.739

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.031	-0.694	-0.054	-0.002	-1.393
S.D.	0.011	0.559	0.007	0.003	0.567
% R.S.D.	34.949	80.585	12.492	184.612	40.657

Identity 1: S96T001295 Identity 2: 1ml-4ml 10:10 AM May 1, 1996
Task name : CPTIMA
Sample weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.007	0.006	0.038	4.241	87.595	0.005	0.057	0.000
S.D.	0.013	0.001	0.007	0.023	0.199	0.000	0.001	0.003
% R.S.D.	174.241	23.773	18.841	0.538	0.227	1.239	2.626	1204.058

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.050	0.697	-0.009	0.167	1.467	0.836	-0.036	-0.601
S.D.	0.001	0.010	0.014	0.011	0.006	0.016	0.050	0.504
% R.S.D.	2.802	1.432	152.512	6.698	0.394	1.927	138.547	83.796

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.275	0.017	0.001	6.539	27.283	0.026	-0.030	1025.453
S.D.	0.110	0.090	0.002	0.041	0.135	0.000	0.005	8.717
% R.S.D.	40.118	533.487	229.412	0.625	0.494	1.883	16.600	0.850

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.249	-0.048	-0.009	0.252	0.002	0.054	3.480	9.363
S.D.	0.007	0.054	0.007	0.071	0.004	0.001	0.008	0.038
% R.S.D.	2.693	112.653	76.303	28.293	148.652	1.298	0.226	0.409

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.037	0.127	-0.021	-0.002	-0.234
S.D.	0.001	0.077	0.005	0.001	0.201
% R.S.D.	2.118	60.771	25.173	30.300	85.943

Identity 1: S961001295_D Identity 2: 1ml-4ml 10:14 AM May 1, 1996
Task name : CPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.018	0.007	0.073	4.666	84.093	0.067	0.063	0.005
S.D.	0.009	0.000	0.057	0.009	0.307	0.000	0.004	0.002
% R.S.D.	47.896	7.050	77.592	0.192	0.365	0.049	5.602	38.175

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.037	0.664	-0.001	0.174	1.620	0.882	0.031	-1.167
S.D.	0.002	0.004	0.004	0.024	0.006	0.010	0.040	0.258
% R.S.D.	5.062	0.571	624.722	13.824	0.390	1.165	128.758	22.121

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.075	-0.254	0.003	8.327	28.469	0.024	0.018	1012.400
S.D.	0.082	0.048	0.001	0.172	0.341	0.000	0.004	5.674
% R.S.D.	109.171	18.893	52.349	2.071	1.197	2.038	24.095	0.560

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.235	-0.273	-0.005	0.176	-0.005	0.062	3.893	9.303
S.D.	0.007	0.056	0.004	0.076	0.003	0.003	0.018	0.070
% R.S.D.	3.073	20.460	77.118	43.038	64.706	4.105	0.463	0.755

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.045	-0.027	-0.006	-0.001	-0.157
S.D.	0.000	0.047	0.005	0.000	0.133
% R.S.D.	0.057	172.797	78.691	3.532	84.377

Identity 1: S96T001295_A Identity 2: 1ml-1ml(sst5)-3ml 10:17 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	5.020	4.969	4.982	10.437	92.103	5.223	5.118	4.698
S.D.	0.005	0.021	0.046	0.035	0.290	0.024	0.026	0.027
% R.S.D.	0.092	0.422	0.923	0.332	0.315	0.451	0.499	0.577

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ce (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.250	5.783	5.043	5.339	6.405	6.007	5.138	9.659
S.D.	0.012	0.024	0.018	0.012	0.026	0.036	0.029	0.328
% R.S.D.	0.221	0.417	0.356	0.229	0.407	0.593	0.560	3.395

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.871	4.871	4.939	11.402	31.999	4.930	5.174	1013.886
S.D.	0.071	0.047	0.022	0.081	0.185	0.005	0.075	5.807
% R.S.D.	1.460	0.971	0.439	0.709	0.577	0.106	1.449	0.573

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.343	4.992	3.598	5.318	4.928	5.147	8.490	14.735
S.D.	0.017	0.033	0.018	0.008	0.017	0.025	0.014	0.041
% R.S.D.	0.316	0.657	0.507	0.153	0.349	0.477	0.164	0.278

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.155	4.575	5.180	5.166	4.826
S.D.	0.003	0.054	0.007	0.013	0.183
% R.S.D.	0.063	1.185	0.126	0.251	3.798

Identity 1: ICSA Identity 2: Quality Control 10:20 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.002	0.006	0.017	198.900	-0.001	0.000	-0.000
S.D.	0.001	0.000	0.009	0.004	0.608	0.003	0.000	0.000
% R.S.D.	53.223	6.837	154.880	25.581	0.306	341.046	92.027	80.514

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.004	0.003	0.006	98.630	105.195	0.001	-0.049	-0.026
S.D.	0.000	0.002	0.004	0.299	0.201	0.002	0.005	0.051
% R.S.D.	5.677	56.453	56.726	0.303	0.191	199.966	10.804	196.381

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.044	0.022	0.003	0.061	0.065	102.697	0.070	189.907
S.D.	0.013	0.011	0.000	0.011	0.003	0.115	0.006	1.617
% R.S.D.	30.044	48.932	10.006	17.435	4.998	0.112	8.759	0.851

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	-0.012	0.003	-0.005	0.001	0.001	0.014	-0.073
S.D.	0.001	0.004	0.001	0.005	0.001	0.001	0.001	0.024
% R.S.D.	277.542	35.533	49.553	88.305	57.467	84.329	5.856	32.971

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	-0.022	-0.002	0.003	-0.074
S.D.	0.001	0.045	0.002	0.000	0.025
% R.S.D.	48.596	206.350	104.722	10.147	33.648

Identity 1: ICSAB Identity 2: Quality Control 10:23 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.006	0.002	-0.031	0.009	198.362	0.510	0.499	0.924
S.D.	0.001	0.000	0.007	0.004	0.205	0.004	0.001	0.002
% R.S.D.	13.619	5.728	21.384	44.095	0.103	0.700	0.126	0.264

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.013	0.995	-0.001	97.886	104.438	0.510	-0.025	-0.129
S.D.	0.004	0.005	0.001	0.094	0.099	0.003	0.003	0.029
% R.S.D.	0.346	0.545	239.447	0.096	0.095	0.641	10.551	22.753

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.034	0.010	0.508	0.035	0.053	102.410	0.067	190.076
S.D.	0.009	0.007	0.001	0.009	0.004	0.229	0.005	0.523
% R.S.D.	25.418	69.494	0.281	24.169	7.701	0.224	7.081	0.275

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.009	1.017	1.009	0.000	1.016	0.013	-0.097
S.D.	0.000	0.013	0.002	0.001	0.000	0.003	0.001	0.012
% R.S.D.	2056.936	141.634	0.181	0.068	202.102	0.297	8.393	12.496

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.505	-0.027	0.503	0.508	-0.045
S.D.	0.002	0.020	0.002	0.001	0.014
% R.S.D.	0.436	71.871	0.466	0.260	31.213

Identity 1: CCV Identity 2: Quality Control 10:26 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.980	4.946	4.967	4.821	4.917	5.154	5.003	4.848
S.D.	0.010	0.016	0.027	0.007	0.015	0.014	0.015	0.010
% R.S.D.	0.205	0.326	0.546	0.149	0.312	0.270	0.291	0.198

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.178	5.090	5.019	5.144	4.954	5.131	5.088	9.676
S.D.	0.003	0.000	0.008	0.020	0.012	0.007	0.040	0.010
% R.S.D.	0.060	0.003	0.151	0.395	0.236	0.133	0.793	0.101

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.996	4.958	4.934	5.232	4.974	4.953	5.123	4.866
S.D.	0.027	0.015	0.017	0.030	0.032	0.009	0.007	0.014
% R.S.D.	0.546	0.304	0.335	0.577	0.651	0.177	0.136	0.287

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.099	5.274	4.962	5.124	4.906	5.105	5.083	4.860
S.D.	0.016	0.020	0.005	0.036	0.015	0.003	0.006	0.014
% R.S.D.	0.321	0.384	0.106	0.708	0.297	0.049	0.126	0.278

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.060	4.700	5.148	5.196	4.836
S.D.	0.002	0.035	0.010	0.010	0.026
% R.S.D.	0.044	0.746	0.193	0.188	0.529

Identity 1: CCB Identity 2: Quality Control 10:29 AM May 1, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	-0.000	0.009	0.007	-0.004	0.000	-0.001	0.000
S.D.	0.000	0.000	0.006	0.002	0.000	0.002	0.000	0.000
% R.S.D.	20.023	0.000	68.520	35.547	6.103	103937.435	27.278	1928.194

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.002	-0.001	-0.004	-0.003	0.001	-0.002	-0.018	-0.014
S.D.	0.000	0.000	0.002	0.004	0.000	0.001	0.004	0.064
% R.S.D.	11.533	21.064	39.064	125.454	24.804	71.956	22.982	471.023

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.028	0.003	-0.000	0.023	0.005	0.001	-0.009	0.006
S.D.	0.011	0.009	0.000	0.002	0.001	0.000	0.003	0.005
% R.S.D.	39.618	335.052	450.925	9.116	11.595	34.641	27.815	78.049

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.000	-0.021	-0.001	0.004	0.001	-0.000	0.005	-0.024
S.D.	0.002	0.012	0.001	0.009	0.000	0.001	0.001	0.015
% R.S.D.	942.644	60.182	85.292	259.434	15.030	969.790	16.619	64.286

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	-0.026	-0.002	-0.000	-0.023
S.D.	0.000	0.027	0.001	0.000	0.014
% R.S.D.	168.636	102.407	31.305	7340.186	63.064

FILE # 960408.DAT

LABCORE Data Entry Template for Worklist# 7461

Analyst: B. Goecke **Instrument:** ICP01 **Book#** 538485

Method: LA-505-151/~~161~~ 45 470-86 Rev/Mod D-3

Worklist Comment: ICP U-105 (SOLID ACID DIGEST)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPSTDARL				@ICP-A01	SOLID		
6	PREPBLKARL				@ICP-A01	SOLID		
7	SERDIL	S96T001297	0	A	@ICP-A01	SOLID		
8	SAMPLE	S96T001297	0	A	@ICP-A01	SOLID	96000143	U-105 (R)
	Analytes Requested:				AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
9	DUP	S96T001297	0	A	@ICP-A01	SOLID		
10	SPK-PREDIG	S96T001297	0	A	@ICP-A01	SOLID		
11	CCV				@ICP-QC	QC		
12	CCB				@ICP-QC	QC		
13	SERDIL	S96T001304	0	A	@ICP-A01	SOLID		
14	SAMPLE	S96T001304	0	A	@ICP-A01	SOLID	96000143	U-105 (R)
	Analytes Requested:				AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 ,			

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7461

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
					MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
15	DUP	S96T001304	0	A	@ICP-A01	SOLID		
16	SERDIL	S96T001311	0	A	@ICP-A01	SOLID		
17	SAMPLE	S96T001311	0	A	@ICP-A01	SOLID	96000143	U-105 (R)
		Analytes Requested:			AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
18	DUP	S96T001311	0	A	@ICP-A01	SOLID		
19	ICSA				@ICP-QC	QC		
20	ICSAB				@ICP-QC	QC		
21	CCV				@ICP-QC	QC		
22	CCB				@ICP-QC	QC		

Final page for worklist # 7461

Analyst Signature — Date 4-10-96

		D.F.
PNEGSTD ALL		1
PLEG BLK ALL		1
S96T001287-C	2-L-8-L-2-L-8-L	25
S96T001287	2-L-8-L	5
S96T001287-D	2-L-8-L	5
S96T001287-S	2-L-8-L	5

Reviewed by: Analyst Signature — Date 4/10/96

		D.F.
S96T001304-C	2-L-8-L-2-L-8-L	25
S96T001304	2-L-8-L	5
S96T001304-D	2-L-8-L	5
S96T001311-C	2-L-8-L-2-L-8-L	25
S96T001311	2-L-8-L	5
S96T001311-D	2-L-8-L	5

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 7461

Analyst: dks **Instrument:** ICP01 **Book#** 53B48B

Method: LA-505-151 Rev/Mod D-3

Worklist Comment: ICP U-105 (SOLID ACID DIGEST)

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
1	ICV		0	@ICP-QC	AG	QC	5.0	4.89e+00	97.800	% Recovery
1	ICV		0	@ICP-QC	AL	QC	5.0	4.85e+00	97.000	% Recovery
1	ICV		0	@ICP-QC	AS	QC	5.0	5.07e+00	101.400	% Recovery
1	ICV		0	@ICP-QC	B	QC	5.0	5.14e+00	102.800	% Recovery
1	ICV		0	@ICP-QC	BA	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV		0	@ICP-QC	BE	QC	5.0	5.23e+00	104.600	% Recovery
1	ICV		0	@ICP-QC	BI	QC	5.0	5.00e+00	100.000	% Recovery
1	ICV		0	@ICP-QC	CA	QC	5.0	5.01e+00	100.200	% Recovery
1	ICV		0	@ICP-QC	CD	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV		0	@ICP-QC	CE	QC	5.0	5.08e+00	101.600	% Recovery
1	ICV		0	@ICP-QC	CO	QC	5.0	4.99e+00	99.800	% Recovery
1	ICV		0	@ICP-QC	CR	QC	5.0	4.99e+00	99.800	% Recovery
1	ICV		0	@ICP-QC	CU	QC	5.0	5.08e+00	101.600	% Recovery
1	ICV		0	@ICP-QC	FE	QC	5.0	5.17e+00	103.400	% Recovery
1	ICV		0	@ICP-QC	K	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0	@ICP-QC	LA	QC	5.0	5.11e+00	102.200	% Recovery
1	ICV		0	@ICP-QC	LI	QC	5.0	4.92e+00	98.400	% Recovery
1	ICV		0	@ICP-QC	MG	QC	5.0	4.82e+00	96.400	% Recovery
1	ICV		0	@ICP-QC	MN	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV		0	@ICP-QC	MO	QC	5.0	4.93e+00	98.600	% Recovery
1	ICV		0	@ICP-QC	NA	QC	5.0	4.93e+00	98.600	% Recovery
1	ICV		0	@ICP-QC	ND	QC	5.0	5.51e+00	110.200	% Recovery
1	ICV		0	@ICP-QC	NI	QC	5.0	5.00e+00	100.000	% Recovery
1	ICV		0	@ICP-QC	P	QC	5.0	5.15e+00	103.000	% Recovery
1	ICV		0	@ICP-QC	PB	QC	5.0	5.01e+00	100.200	% Recovery
1	ICV		0	@ICP-QC	S	QC	5.0	4.92e+00	98.400	% Recovery
1	ICV		0	@ICP-QC	SB	QC	5.0	4.80e+00	96.000	% Recovery
1	ICV		0	@ICP-QC	SE	QC	5.0	5.12e+00	102.400	% Recovery
1	ICV		0	@ICP-QC	SI	QC	5.0	4.76e+00	95.200	% Recovery
1	ICV		0	@ICP-QC	SM	QC	5.0	5.08e+00	101.600	% Recovery
1	ICV		0	@ICP-QC	SR	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV		0	@ICP-QC	TI	QC	5.0	4.84e+00	96.800	% Recovery
1	ICV		0	@ICP-QC	TL	QC	5.0	4.82e+00	96.400	% Recovery
1	ICV		0	@ICP-QC	U	QC	10.0	9.99e+00	99.900	% Recovery
1	ICV		0	@ICP-QC	V	QC	5.0	5.11e+00	102.200	% Recovery
1	ICV		0	@ICP-QC	ZN	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0	@ICP-QC	ZR	QC	5.0	5.01e+00	100.200	% Recovery
2	ICB		0	@ICP-QC	AG	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	AL	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	AS	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	B	QC	1	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
2	ICB		0		@ICP-QC BA	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC BE	QC	1	<5.00e-3		ug/g
2	ICB		0		@ICP-QC BI	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC CA	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC CD	QC	1	<5.00e-3		ug/g
2	ICB		0		@ICP-QC CE	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC CO	QC	1	<2.00e-2		ug/g
2	ICB		0		@ICP-QC CR	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC CU	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC FE	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC K	QC	1	<5.00e-1		ug/g
2	ICB		0		@ICP-QC LA	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC LI	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC MG	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC MN	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC MO	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC NA	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC ND	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC NI	QC	1	<2.00e-2		ug/g
2	ICB		0		@ICP-QC P	QC	1	<2.00e-1		ug/g
2	ICB		0		@ICP-QC PB	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC S	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC SB	QC	1	<6.00e-2		ug/g
2	ICB		0		@ICP-QC SE	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC SI	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC SM	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC SR	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC TI	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC TL	QC	1	<2.00e-1		ug/g
2	ICB		0		@ICP-QC U	QC	1	<5.00e-1		ug/g
2	ICB		0		@ICP-QC V	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC ZN	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC ZR	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC AG	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC AL	QC	200	1.93e+02	96.500	% Recovery
3	ICSA		0		@ICP-QC AS	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC B	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC BA	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC BE	QC	1	<5.00e-3		ug/g
3	ICSA		0		@ICP-QC BI	QC	1.0	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC CA	QC	100.	1.04e+02	104.000	% Recovery
3	ICSA		0		@ICP-QC CD	QC	1	<5.00e-3		ug/g
3	ICSA		0		@ICP-QC CE	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC CO	QC	1	<2.00e-2		ug/g
3	ICSA		0		@ICP-QC CR	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC CU	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC FE	QC	100.	9.77e+01	97.700	% Recovery
3	ICSA		0		@ICP-QC K	QC	1	<5.00e-1		ug/g
3	ICSA		0		@ICP-QC LA	QC	1.0	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
3	ICSA		0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	MG	QC	100.	9.94e+01	99.400	% Recovery
3	ICSA		0		@ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC	NA	QC	200	1.88e+02	94.000	% Recovery
3	ICSA		0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
3	ICSA		0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
3	ICSA		0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
3	ICSA		0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
3	ICSA		0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
3	ICSA		0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC	AG	QC	1.0	1.01e+00	101.000	% Recovery
4	ICSAB		0		@ICP-QC	AL	QC	200	1.94e+02	97.000	% Recovery
4	ICSAB		0		@ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	B	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	BA	QC	0.5	5.12e-01	102.400	% Recovery
4	ICSAB		0		@ICP-QC	BE	QC	0.5	5.07e-01	101.400	% Recovery
4	ICSAB		0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	CA	QC	100.	1.04e+02	104.000	% Recovery
4	ICSAB		0		@ICP-QC	CD	QC	1.0	9.98e-01	99.800	% Recovery
4	ICSAB		0		@ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	CO	QC	0.5	4.89e-01	97.800	% Recovery
4	ICSAB		0		@ICP-QC	CR	QC	0.5	4.99e-01	99.800	% Recovery
4	ICSAB		0		@ICP-QC	CU	QC	0.5	5.06e-01	101.200	% Recovery
4	ICSAB		0		@ICP-QC	FE	QC	100	9.78e+01	97.800	% Recovery
4	ICSAB		0		@ICP-QC	K	QC	1.0	<5.00e-1		ug/g
4	ICSAB		0		@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	LI	QC	1.0	9.22e-01	92.200	% Recovery
4	ICSAB		0		@ICP-QC	MG	QC	100.	1.01e+02	101.000	% Recovery
4	ICSAB		0		@ICP-QC	MN	QC	0.5	4.98e-01	99.600	% Recovery
4	ICSAB		0		@ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	NA	QC	200	1.90e+02	95.000	% Recovery
4	ICSAB		0		@ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	NI	QC	1.0	9.78e-01	97.800	% Recovery
4	ICSAB		0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
4	ICSAB		0		@ICP-QC	PB	QC	1.0	9.78e-01	97.800	% Recovery
4	ICSAB		0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
4	ICSAB		0		@ICP-QC	SE	QC	1.0	<1.00e-1		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
4	ICSAB	0		@ICP-QC	SI	QC	1.0	<5.00e-2		ug/g
4	ICSAB	0		@ICP-QC	SM	QC	1.0	<1.00e-1		ug/g
4	ICSAB	0		@ICP-QC	SR	QC	1.0	<1.00e-2		ug/g
4	ICSAB	0		@ICP-QC	TI	QC	1.0	<1.00e-2		ug/g
4	ICSAB	0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
4	ICSAB	0		@ICP-QC	U	QC	1.0	<5.00e-1		ug/g
4	ICSAB	0		@ICP-QC	V	QC	0.5	5.00e-01	100.000	% Recovery
4	ICSAB	0		@ICP-QC	ZN	QC	1.0	9.89e-01	98.900	% Recovery
4	ICSAB	0		@ICP-QC	ZR	QC	1.0	<1.00e-2		ug/g
5	PREPSTDARL	0		@ICP-A01	AG-A-01	SOLID	1.0	9.09e-01	90.900	% Recovery
5	PREPSTDARL	0		@ICP-A01	AL-A-01	SOLID	5.0	4.66e+00	93.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	AS-A-01	SOLID	5.0	4.89e+00	97.800	% Recovery
5	PREPSTDARL	0		@ICP-A01	B-A-01	SOLID	5.0	4.99e+00	99.800	% Recovery
5	PREPSTDARL	0		@ICP-A01	BA-A-01	SOLID	5.0	4.87e+00	97.400	% Recovery
5	PREPSTDARL	0		@ICP-A01	BE-A-01	SOLID	5.0	5.31e+00	106.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	BI-A-01	SOLID	5.0	4.70e+00	94.000	% Recovery
5	PREPSTDARL	0		@ICP-A01	CA-A-01	SOLID	5.0	4.94e+00	98.800	% Recovery
5	PREPSTDARL	0		@ICP-A01	CD-A-01	SOLID	5.0	4.83e+00	96.600	% Recovery
5	PREPSTDARL	0		@ICP-A01	CE-A-01	SOLID	5.0	5.01e+00	100.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	CO-A-01	SOLID	5.0	4.96e+00	99.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	CR-A-01	SOLID	5.0	4.90e+00	98.000	% Recovery
5	PREPSTDARL	0		@ICP-A01	CU-A-01	SOLID	5.0	4.62e+00	92.400	% Recovery
5	PREPSTDARL	0		@ICP-A01	FE-A-01	SOLID	5.0	5.04e+00	100.800	% Recovery
5	PREPSTDARL	0		@ICP-A01	K-A-01	SOLID	5.0	4.96e+00	99.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	LA-A-01	SOLID	5.0	5.04e+00	100.800	% Recovery
5	PREPSTDARL	0		@ICP-A01	LI-A-01	SOLID	5.0	4.55e+00	91.000	% Recovery
5	PREPSTDARL	0		@ICP-A01	MG-A-01	SOLID	5.0	4.69e+00	93.800	% Recovery
5	PREPSTDARL	0		@ICP-A01	MN-A-01	SOLID	5.0	4.91e+00	98.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	MO-A-01	SOLID	5.0	4.58e+00	91.600	% Recovery
5	PREPSTDARL	0		@ICP-A01	NA-A-01	SOLID	5.0	4.80e+00	96.000	% Recovery
5	PREPSTDARL	0		@ICP-A01	ND-A-01	SOLID	5.0	5.18e+00	103.600	% Recovery
5	PREPSTDARL	0		@ICP-A01	NI-A-01	SOLID	5.0	4.96e+00	99.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	P-A-01	SOLID	5.0	4.61e+00	92.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	PB-A-01	SOLID	5.0	4.66e+00	93.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	S-A-01	SOLID	5.0	4.80e+00	96.000	% Recovery
5	PREPSTDARL	0		@ICP-A01	SB-A-01	SOLID	5.0	3.89e+00	77.800	% Recovery
5	PREPSTDARL	0		@ICP-A01	SE-A-01	SOLID	5.0	4.91e+00	98.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	SI-A-01	SOLID	5.0	5.83e+00	116.600	% Recovery
5	PREPSTDARL	0		@ICP-A01	SM-A-01	SOLID	5.0	4.95e+00	99.000	% Recovery
5	PREPSTDARL	0		@ICP-A01	SR-A-01	SOLID	5.0	4.88e+00	97.600	% Recovery
5	PREPSTDARL	0		@ICP-A01	TL-A-01	SOLID	5.0	4.40e+00	88.000	% Recovery
5	PREPSTDARL	0		@ICP-A01	U-A-01	SOLID	10.	9.34e+00	93.400	% Recovery
5	PREPSTDARL	0		@ICP-A01	V-A-01	SOLID	5.0	4.91e+00	98.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	ZN-A-01	SOLID	5.0	4.67e+00	93.400	% Recovery
5	PREPSTDARL	0		@ICP-A01	ZR-A-01	SOLID	5.0	3.11e+00	62.200	% Recovery
5	PREPSTDARL	0		@ICP-A01	TI-A-01	SOLID	5.0	3.71e+00	74.200	% Recovery
6	PREPBLKARL	0		@ICP-A01	AG-A-01	SOLID	1	<1.00e-2		ug/g
6	PREPBLKARL	0		@ICP-A01	AL-A-01	SOLID	1	1.07e-01	0.110	ug/g
6	PREPBLKARL	0		@ICP-A01	AS-A-01	SOLID	1	<1.00e-1		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual		Found	DL or Yield	Unit
6	PREPBLKARL		0		@ICP-A01 B-A-01	SOLID	1		4.69e-01	0.470	ug/g
6	PREPBLKARL		0		@ICP-A01 BA-A-01	SOLID	1		<5.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 BE-A-01	SOLID	1		<5.00e-3		ug/g
6	PREPBLKARL		0		@ICP-A01 BI-A-01	SOLID	1		<1.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 CA-A-01	SOLID	1		1.93e-01	0.190	ug/g
6	PREPBLKARL		0		@ICP-A01 CD-A-01	SOLID	1		<5.00e-3		ug/g
6	PREPBLKARL		0		@ICP-A01 CE-A-01	SOLID	1		<1.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 CO-A-01	SOLID	1		<2.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 CR-A-01	SOLID	1		1.72e-02	2.000e-002	ug/g
6	PREPBLKARL		0		@ICP-A01 CU-A-01	SOLID	1		1.90e-02	2.000e-002	ug/g
6	PREPBLKARL		0		@ICP-A01 FE-A-01	SOLID	1		<5.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 K-A-01	SOLID	1		<5.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 LA-A-01	SOLID	1		<5.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 LI-A-01	SOLID	1		<1.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 MG-A-01	SOLID	1		<1.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 MN-A-01	SOLID	1		<1.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 MO-A-01	SOLID	1		<5.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 NA-A-01	SOLID	1		7.36e-01	0.740	ug/g
6	PREPBLKARL		0		@ICP-A01 ND-A-01	SOLID	1		<1.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 NI-A-01	SOLID	1		<2.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 P-A-01	SOLID	1		<2.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 PB-A-01	SOLID	1		<1.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 S-A-01	SOLID	1		<1.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 SB-A-01	SOLID	1		<6.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 SE-A-01	SOLID	1		<1.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 SI-A-01	SOLID	1		5.33e-01	0.530	ug/g
6	PREPBLKARL		0		@ICP-A01 SM-A-01	SOLID	1		<1.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 SR-A-01	SOLID	1		<1.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 TL-A-01	SOLID	1		<2.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 U-A-01	SOLID	1		<5.00e-1		ug/g
6	PREPBLKARL		0		@ICP-A01 V-A-01	SOLID	1		<5.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 ZN-A-01	SOLID	1		1.14e-02	1.000e-002	ug/g
6	PREPBLKARL		0		@ICP-A01 ZR-A-01	SOLID	1		<1.00e-2		ug/g
6	PREPBLKARL		0		@ICP-A01 TI-A-01	SOLID	1		<1.00e-2		ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 AG-A-01	SOLID	N/A	<	9.60e+00	9.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 AL-A-01	SOLID	N/A		1.74e+04	48.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 AS-A-01	SOLID	N/A	<	9.60e+01	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 B-A-01	SOLID	N/A	<	4.80e+01	48.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 BA-A-01	SOLID	N/A	<	4.80e+01	48.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 BE-A-01	SOLID	N/A	<	4.80e+00	4.800	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 BI-A-01	SOLID	N/A	<	9.60e+01	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 CA-A-01	SOLID	N/A		2.71e+02	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 CD-A-01	SOLID	N/A		1.84e+01	4.800	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 CE-A-01	SOLID	N/A	<	9.60e+01	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 CO-A-01	SOLID	N/A	<	1.92e+01	19.200	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 CR-A-01	SOLID	N/A		3.61e+03	9.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 CU-A-01	SOLID	N/A		1.15e+01	9.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 FE-A-01	SOLID	N/A		1.07e+03	48.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 K-A-01	SOLID	N/A		1.63e+03	480.000	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual		Found	DL or Yield	Unit
7	SAMPLE	S96T001297	0	A	@ICP-A01 LA-A-01	SOLID	N/A	<	4.80e+01	48.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 LI-A-01	SOLID	N/A	<	9.60e+00	9.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 MG-A-01	SOLID	N/A	<	9.60e+01	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 MN-A-01	SOLID	N/A		3.88e+02	9.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 MO-A-01	SOLID	N/A	<	4.80e+01	48.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 NA-A-01	SOLID	N/A		1.93e+05	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 ND-A-01	SOLID	N/A	<	9.60e+01	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 NI-A-01	SOLID	N/A		1.58e+02	19.200	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 P-A-01	SOLID	N/A		1.94e+03	192.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 PB-A-01	SOLID	N/A		1.30e+02	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 S-A-01	SOLID	N/A		5.35e+03	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 SB-A-01	SOLID	N/A	<	5.76e+01	57.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 SE-A-01	SOLID	N/A		2.57e+02	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 SI-A-01	SOLID	N/A		4.30e+02	48.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 SM-A-01	SOLID	N/A	<	9.60e+01	96.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 SR-A-01	SOLID	N/A	<	9.60e+00	9.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 TI-A-01	SOLID	N/A	<	9.60e+00	9.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 TL-A-01	SOLID	N/A	<	1.92e+02	192.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 U-A-01	SOLID	N/A	<	4.80e+02	480.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 V-A-01	SOLID	N/A	<	4.80e+01	48.000	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 ZN-A-01	SOLID	N/A		2.15e+01	9.600	ug/g
7	SAMPLE	S96T001297	0	A	@ICP-A01 ZR-A-01	SOLID	N/A		2.13e+01	9.600	ug/g
8	DUP	S96T001297	0	A	@ICP-A01 AG-A-01	SOLID	<9.60e0		<9.60e0		RPD
8	DUP	S96T001297	0	A	@ICP-A01 AL-A-01	SOLID	1.74e+04		1.64e+04	5.920	RPD
8	DUP	S96T001297	0	A	@ICP-A01 AS-A-01	SOLID	<9.60e1		<9.60e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 B-A-01	SOLID	<4.80e1		<4.80e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 BA-A-01	SOLID	<4.80e1		<4.80e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 BE-A-01	SOLID	<4.80e0		<4.80e0		RPD
8	DUP	S96T001297	0	A	@ICP-A01 BI-A-01	SOLID	<9.60e1		<9.60e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 CA-A-01	SOLID	2.71e+02		2.16e+02	22.590	RPD
8	DUP	S96T001297	0	A	@ICP-A01 CD-A-01	SOLID	1.84e+01		1.74e+01	5.590	RPD
8	DUP	S96T001297	0	A	@ICP-A01 CE-A-01	SOLID	<9.60e1		<9.60e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 CO-A-01	SOLID	<1.92e1		<1.92e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 CR-A-01	SOLID	3.61e+03		3.16e+03	13.290	RPD
8	DUP	S96T001297	0	A	@ICP-A01 CU-A-01	SOLID	1.15e+01		1.02e+01	11.980	RPD
8	DUP	S96T001297	0	A	@ICP-A01 FE-A-01	SOLID	1.07e+03		8.50e+02	22.920	RPD
8	DUP	S96T001297	0	A	@ICP-A01 K-A-01	SOLID	1.63e+03		1.57e+03	3.750	RPD
8	DUP	S96T001297	0	A	@ICP-A01 LA-A-01	SOLID	<4.80e1		<4.80e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 LI-A-01	SOLID	<9.60e0		<9.60e0		RPD
8	DUP	S96T001297	0	A	@ICP-A01 MG-A-01	SOLID	<9.60e1		<9.60e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 MN-A-01	SOLID	3.88e+02		2.95e+02	27.230	RPD
8	DUP	S96T001297	0	A	@ICP-A01 MO-A-01	SOLID	<4.80e1		<4.80e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 NA-A-01	SOLID	1.93e+05		1.93e+05	0.000	RPD
8	DUP	S96T001297	0	A	@ICP-A01 ND-A-01	SOLID	<9.60e1		<9.60e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01 NI-A-01	SOLID	1.58e+02		1.48e+02	6.540	RPD
8	DUP	S96T001297	0	A	@ICP-A01 P-A-01	SOLID	1.94e+03		2.19e+03	12.110	RPD
8	DUP	S96T001297	0	A	@ICP-A01 PB-A-01	SOLID	1.30e+02		1.18e+02	9.680	RPD
8	DUP	S96T001297	0	A	@ICP-A01 S-A-01	SOLID	5.35e+03		5.00e+03	6.760	RPD
8	DUP	S96T001297	0	A	@ICP-A01 SB-A-01	SOLID	<5.76e1		<5.76e1		RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
8	DUP	S96T001297	0	A	@ICP-A01	SE-A-01	SOLID	2.57e+02	2.27e+02	12.400	RPD
8	DUP	S96T001297	0	A	@ICP-A01	SI-A-01	SOLID	4.30e+02	4.69e+02	8.680	RPD
8	DUP	S96T001297	0	A	@ICP-A01	SM-A-01	SOLID	<9.60e1	<9.60e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01	SR-A-01	SOLID	<9.60e0	<9.60e0		RPD
8	DUP	S96T001297	0	A	@ICP-A01	TL-A-01	SOLID	<1.92e2	<1.92e2		RPD
8	DUP	S96T001297	0	A	@ICP-A01	U-A-01	SOLID	<4.80e2	<4.80e2		RPD
8	DUP	S96T001297	0	A	@ICP-A01	V-A-01	SOLID	<4.80e1	<4.80e1		RPD
8	DUP	S96T001297	0	A	@ICP-A01	ZN-A-01	SOLID	2.15e+01	1.58e+01	30.560	RPD
8	DUP	S96T001297	0	A	@ICP-A01	ZR-A-01	SOLID	2.13e+01	1.63e+01	26.600	RPD
8	DUP	S96T001297	0	A	@ICP-A01	TI-A-01	SOLID	<9.60e0	<9.60e0		RPD
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	AG-A-01	SOLID	1.000	9.62e-01	96.200	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	AL-A-01	SOLID	5.000	3.240	64.800	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	AS-A-01	SOLID	5.000	4.98e+00	99.600	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	B-A-01	SOLID	5.000	5.71e+00	114.200	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	BA-A-01	SOLID	5.000	4.95e+00	99.000	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	BE-A-01	SOLID	5.000	5.05e+00	101.000	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	BI-A-01	SOLID	5.000	4.90e+00	98.000	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	CA-A-01	SOLID	5.000	4.437	88.740	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	CD-A-01	SOLID	5.000	4.864	97.280	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	CE-A-01	SOLID	5.000	5.16e+00	103.200	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	CO-A-01	SOLID	5.000	4.97e+00	99.400	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	CR-A-01	SOLID	5.000	3.681	73.620	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	CU-A-01	SOLID	5.000	4.800	96.000	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	FE-A-01	SOLID	5.000	4.744	94.880	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	K-A-01	SOLID	5.000	5.109	102.180	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	LA-A-01	SOLID	5.000	5.19e+00	103.800	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	LI-A-01	SOLID	5.000	4.62e+00	92.400	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	MG-A-01	SOLID	5.000	4.67e+00	93.400	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	MN-A-01	SOLID	5.000	4.629	92.580	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	MO-A-01	SOLID	5.000	4.67e+00	93.400	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	NA-A-01	SOLID	5.000	3.990	79.800	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	ND-A-01	SOLID	5.000	5.62e+00	112.400	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	NI-A-01	SOLID	5.000	4.965	99.300	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	P-A-01	SOLID	5.000	13.381	267.620	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	PB-A-01	SOLID	5.000	4.862	97.240	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	S-A-01	SOLID	5.000	0.915	18.300	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	SB-A-01	SOLID	5.000	3.95e+00	79.000	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	SE-A-01	SOLID	5.000	4.791	95.820	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	SI-A-01	SOLID	5.000	3.633	72.660	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	SM-A-01	SOLID	5.000	5.07e+00	101.400	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	SR-A-01	SOLID	5.000	4.95e+00	99.000	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	TL-A-01	SOLID	5.000	4.58e+00	91.600	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	U-A-01	SOLID	10.000	1.04e+01	104.000	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	V-A-01	SOLID	5.000	4.94e+00	98.800	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	ZN-A-01	SOLID	5.000	4.788	95.760	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	ZR-A-01	SOLID	5.000	3.099	61.980	% Recovery
9	SPK-PREDIGS	96T001297	0	A	@ICP-A01	TI-A-01	SOLID	5.000	3.69e+00	73.800	% Recovery
10	CCV		0		@ICP-QC	AG	QC	5.0	3.76e+00	75.200	% Recovery
10	CCV		0		@ICP-QC	AL	QC	5.0	4.90e+00	98.000	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
10	CCV		0		@ICP-QC AS	QC	5.0	5.10e+00	102.000	% Recovery
10	CCV		0		@ICP-QC B	QC	5.0	5.18e+00	103.600	% Recovery
10	CCV		0		@ICP-QC BA	QC	5.0	5.12e+00	102.400	% Recovery
10	CCV		0		@ICP-QC BE	QC	5.0	5.28e+00	105.600	% Recovery
10	CCV		0		@ICP-QC BI	QC	5.0	5.03e+00	100.600	% Recovery
10	CCV		0		@ICP-QC CA	QC	5.0	5.08e+00	101.600	% Recovery
10	CCV		0		@ICP-QC CD	QC	5.0	5.04e+00	100.800	% Recovery
10	CCV		0		@ICP-QC CE	QC	5.0	5.15e+00	103.000	% Recovery
10	CCV		0		@ICP-QC CO	QC	5.0	5.00e+00	100.000	% Recovery
10	CCV		0		@ICP-QC CR	QC	5.0	4.99e+00	99.800	% Recovery
10	CCV		0		@ICP-QC CU	QC	5.0	5.17e+00	103.400	% Recovery
10	CCV		0		@ICP-QC FE	QC	5.0	5.21e+00	104.200	% Recovery
10	CCV		0		@ICP-QC K	QC	5.0	4.98e+00	99.600	% Recovery
10	CCV		0		@ICP-QC LA	QC	5.0	5.20e+00	104.000	% Recovery
10	CCV		0		@ICP-QC LI	QC	5.0	4.96e+00	99.200	% Recovery
10	CCV		0		@ICP-QC MG	QC	5.0	4.83e+00	96.600	% Recovery
10	CCV		0		@ICP-QC MN	QC	5.0	5.03e+00	100.600	% Recovery
10	CCV		0		@ICP-QC MO	QC	5.0	4.94e+00	98.800	% Recovery
10	CCV		0		@ICP-QC NA	QC	5.0	5.03e+00	100.600	% Recovery
10	CCV		0		@ICP-QC ND	QC	5.0	5.61e+00	112.200	% Recovery
10	CCV		0		@ICP-QC NI	QC	5.0	5.02e+00	100.400	% Recovery
10	CCV		0		@ICP-QC P	QC	5.0	5.25e+00	105.000	% Recovery
10	CCV		0		@ICP-QC PB	QC	5.0	5.04e+00	100.800	% Recovery
10	CCV		0		@ICP-QC S	QC	5.0	4.98e+00	99.600	% Recovery
10	CCV		0		@ICP-QC SB	QC	5.0	4.79e+00	95.800	% Recovery
10	CCV		0		@ICP-QC SE	QC	5.0	5.20e+00	104.000	% Recovery
10	CCV		0		@ICP-QC SI	QC	5.0	4.78e+00	95.600	% Recovery
10	CCV		0		@ICP-QC SM	QC	5.0	5.21e+00	104.200	% Recovery
10	CCV		0		@ICP-QC SR	QC	5.0	5.11e+00	102.200	% Recovery
10	CCV		0		@ICP-QC TI	QC	5.0	4.89e+00	97.800	% Recovery
10	CCV		0		@ICP-QC TL	QC	5.0	4.84e+00	96.800	% Recovery
10	CCV		0		@ICP-QC U	QC	10.0	1.02e+01	102.000	% Recovery
10	CCV		0		@ICP-QC V	QC	5.0	5.14e+00	102.800	% Recovery
10	CCV		0		@ICP-QC ZN	QC	5.0	5.02e+00	100.400	% Recovery
10	CCV		0		@ICP-QC ZR	QC	5.0	5.08e+00	101.600	% Recovery
11	CCB		0		@ICP-QC AG	QC	1	3.29e-01	0.330	ug/g
11	CCB		0		@ICP-QC AL	QC	1	<5.00e-2		ug/g
11	CCB		0		@ICP-QC AS	QC	1	<1.00e-1		ug/g
11	CCB		0		@ICP-QC B	QC	1	<5.00e-2		ug/g
11	CCB		0		@ICP-QC BA	QC	1	<5.00e-2		ug/g
11	CCB		0		@ICP-QC BE	QC	1	<5.00e-3		ug/g
11	CCB		0		@ICP-QC BI	QC	1	<1.00e-1		ug/g
11	CCB		0		@ICP-QC CA	QC	1	<1.00e-1		ug/g
11	CCB		0		@ICP-QC CD	QC	1	<5.00e-3		ug/g
11	CCB		0		@ICP-QC CE	QC	1	<1.00e-1		ug/g
11	CCB		0		@ICP-QC CO	QC	1	<2.00e-2		ug/g
11	CCB		0		@ICP-QC CR	QC	1	<1.00e-2		ug/g
11	CCB		0		@ICP-QC CU	QC	1	<1.00e-2		ug/g
11	CCB		0		@ICP-QC FE	QC	1	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A		Test	Matrix	Actual		Found	DL or Yield	Unit
11	CCB		0		@ICP-QC	K	QC	1		<5.00e-1		ug/g
11	CCB		0		@ICP-QC	LA	QC	1		<5.00e-2		ug/g
11	CCB		0		@ICP-QC	LI	QC	1		<1.00e-2		ug/g
11	CCB		0		@ICP-QC	MG	QC	1		<1.00e-1		ug/g
11	CCB		0		@ICP-QC	MN	QC	1		<1.00e-2		ug/g
11	CCB		0		@ICP-QC	MO	QC	1		<5.00e-2		ug/g
11	CCB		0		@ICP-QC	NA	QC	1		<1.00e-1		ug/g
11	CCB		0		@ICP-QC	ND	QC	1		<1.00e-1		ug/g
11	CCB		0		@ICP-QC	NI	QC	1		<2.00e-2		ug/g
11	CCB		0		@ICP-QC	P	QC	1		<2.00e-1		ug/g
11	CCB		0		@ICP-QC	PB	QC	1		<1.00e-1		ug/g
11	CCB		0		@ICP-QC	S	QC	1		<1.00e-1		ug/g
11	CCB		0		@ICP-QC	SB	QC	1		<6.00e-2		ug/g
11	CCB		0		@ICP-QC	SE	QC	1		<1.00e-1		ug/g
11	CCB		0		@ICP-QC	SI	QC	1		<5.00e-2		ug/g
11	CCB		0		@ICP-QC	SM	QC	1		<1.00e-1		ug/g
11	CCB		0		@ICP-QC	SR	QC	1		<1.00e-2		ug/g
11	CCB		0		@ICP-QC	TI	QC	1		<1.00e-2		ug/g
11	CCB		0		@ICP-QC	TL	QC	1		<2.00e-1		ug/g
11	CCB		0		@ICP-QC	U	QC	1		<5.00e-1		ug/g
11	CCB		0		@ICP-QC	V	QC	1		<5.00e-2		ug/g
11	CCB		0		@ICP-QC	ZN	QC	1		<1.00e-2		ug/g
11	CCB		0		@ICP-QC	ZR	QC	1		<1.00e-2		ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	AG-A-01	SOLID	N/A		2.54e+01	9.750	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	AL-A-01	SOLID	N/A		1.37e+04	48.700	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	AS-A-01	SOLID	N/A	<	9.75e+01	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	B-A-01	SOLID	N/A	<	4.87e+01	48.700	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	BA-A-01	SOLID	N/A	<	4.87e+01	48.700	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	BE-A-01	SOLID	N/A	<	4.87e+00	4.880	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	BI-A-01	SOLID	N/A	<	9.75e+01	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	CA-A-01	SOLID	N/A		1.84e+02	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	CD-A-01	SOLID	N/A		1.59e+01	4.880	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	CE-A-01	SOLID	N/A	<	9.75e+01	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	CO-A-01	SOLID	N/A	<	1.95e+01	19.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	CR-A-01	SOLID	N/A		1.33e+03	9.750	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	CU-A-01	SOLID	N/A	<	9.75e+00	9.750	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	FE-A-01	SOLID	N/A		3.20e+02	48.700	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	K-A-01	SOLID	N/A		1.58e+03	487.000	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	LA-A-01	SOLID	N/A	<	4.87e+01	48.700	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	LI-A-01	SOLID	N/A	<	9.75e+00	9.750	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	MG-A-01	SOLID	N/A	<	9.75e+01	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	MN-A-01	SOLID	N/A		1.04e+02	9.750	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	MO-A-01	SOLID	N/A	<	4.87e+01	48.700	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	NA-A-01	SOLID	N/A		2.02e+05	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	ND-A-01	SOLID	N/A	<	9.75e+01	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	NI-A-01	SOLID	N/A		1.52e+02	19.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	P-A-01	SOLID	N/A		1.15e+03	195.000	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	PB-A-01	SOLID	N/A	<	9.75e+01	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01	S-A-01	SOLID	N/A		2.74e+03	97.500	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
12	SAMPLE	S96T001304	0	A	@ICP-A01 SB-A-01	SOLID	N/A <	5.85e+01	58.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 SE-A-01	SOLID	N/A <	9.75e+01	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 SI-A-01	SOLID	N/A	3.04e+02	48.700	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 SM-A-01	SOLID	N/A <	9.75e+01	97.500	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 SR-A-01	SOLID	N/A <	9.75e+00	9.750	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 TI-A-01	SOLID	N/A <	9.75e+00	9.750	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 TL-A-01	SOLID	N/A <	1.95e+02	195.000	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 U-A-01	SOLID	N/A <	4.87e+02	487.000	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 V-A-01	SOLID	N/A <	4.87e+01	48.700	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 ZN-A-01	SOLID	N/A	1.67e+01	9.750	ug/g
12	SAMPLE	S96T001304	0	A	@ICP-A01 ZR-A-01	SOLID	N/A <	9.75e+00	9.750	ug/g
13	DUP	S96T001304	0	A	@ICP-A01 AG-A-01	SOLID	2.54e+01	2.32e+01	9.050	RPD
13	DUP	S96T001304	0	A	@ICP-A01 AL-A-01	SOLID	1.37e+04	1.43e+04	4.290	RPD
13	DUP	S96T001304	0	A	@ICP-A01 AS-A-01	SOLID	<9.75e1	<9.49e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 B-A-01	SOLID	<4.87e1	1.26e+02		RPD
13	DUP	S96T001304	0	A	@ICP-A01 BA-A-01	SOLID	<4.87e1	<4.75e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 BE-A-01	SOLID	<4.87e0	<4.75e0		RPD
13	DUP	S96T001304	0	A	@ICP-A01 BI-A-01	SOLID	<9.75e1	<9.49e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 CA-A-01	SOLID	1.84e+02	1.81e+02	1.640	RPD
13	DUP	S96T001304	0	A	@ICP-A01 CD-A-01	SOLID	1.59e+01	1.69e+01	6.100	RPD
13	DUP	S96T001304	0	A	@ICP-A01 CE-A-01	SOLID	<9.75e1	<9.49e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 CO-A-01	SOLID	<1.95e1	<1.90e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 CR-A-01	SOLID	1.33e+03	1.35e+03	1.490	RPD
13	DUP	S96T001304	0	A	@ICP-A01 CU-A-01	SOLID	<9.75e0	1.24e+01		RPD
13	DUP	S96T001304	0	A	@ICP-A01 FE-A-01	SOLID	3.20e+02	3.40e+02	6.060	RPD
13	DUP	S96T001304	0	A	@ICP-A01 K-A-01	SOLID	1.58e+03	1.66e+03	4.940	RPD
13	DUP	S96T001304	0	A	@ICP-A01 LA-A-01	SOLID	<4.87e1	<4.75e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 LI-A-01	SOLID	<9.75e0	<9.49e0		RPD
13	DUP	S96T001304	0	A	@ICP-A01 MG-A-01	SOLID	<9.75e1	<9.49e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 MN-A-01	SOLID	1.04e+02	1.08e+02	3.770	RPD
13	DUP	S96T001304	0	A	@ICP-A01 MO-A-01	SOLID	<4.87e1	<4.75e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 NA-A-01	SOLID	2.02e+05	1.99e+05	1.500	RPD
13	DUP	S96T001304	0	A	@ICP-A01 ND-A-01	SOLID	<9.75e1	<9.49e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 NI-A-01	SOLID	1.52e+02	1.59e+02	4.500	RPD
13	DUP	S96T001304	0	A	@ICP-A01 P-A-01	SOLID	1.15e+03	9.57e+02	18.320	RPD
13	DUP	S96T001304	0	A	@ICP-A01 PB-A-01	SOLID	<9.75e1	<9.49e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 S-A-01	SOLID	2.74e+03	2.76e+03	0.730	RPD
13	DUP	S96T001304	0	A	@ICP-A01 SB-A-01	SOLID	<5.85e1	<5.70e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 SE-A-01	SOLID	<9.75e1	1.05e+02		RPD
13	DUP	S96T001304	0	A	@ICP-A01 SI-A-01	SOLID	3.04e+02	3.60e+02	16.870	RPD
13	DUP	S96T001304	0	A	@ICP-A01 SM-A-01	SOLID	<9.75e1	<9.49e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 SR-A-01	SOLID	<9.75e0	<9.49e0		RPD
13	DUP	S96T001304	0	A	@ICP-A01 TL-A-01	SOLID	<1.95e2	<1.90e2		RPD
13	DUP	S96T001304	0	A	@ICP-A01 U-A-01	SOLID	<4.87e2	<4.75e2		RPD
13	DUP	S96T001304	0	A	@ICP-A01 V-A-01	SOLID	<4.87e1	<4.75e1		RPD
13	DUP	S96T001304	0	A	@ICP-A01 ZN-A-01	SOLID	1.67e+01	<9.49e0		RPD
13	DUP	S96T001304	0	A	@ICP-A01 ZR-A-01	SOLID	<9.75e0	<9.49e0		RPD
13	DUP	S96T001304	0	A	@ICP-A01 TI-A-01	SOLID	<9.75e0	<9.49e0		RPD
14	SAMPLE	S96T001311	0	A	@ICP-A01 AG-A-01	SOLID	N/A	1.18e+01	9.450	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
14	SAMPLE	S96T001311	0	A	@ICP-A01	AL-A-01	SOLID	N/A		2.48e+04	47.300	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	AS-A-01	SOLID	N/A	<	9.45e+01	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	B-A-01	SOLID	N/A		1.29e+02	47.300	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	BA-A-01	SOLID	N/A	<	4.73e+01	47.300	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	BE-A-01	SOLID	N/A	<	4.73e+00	4.720	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	BI-A-01	SOLID	N/A	<	9.45e+01	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	CA-A-01	SOLID	N/A		2.33e+02	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	CD-A-01	SOLID	N/A		1.63e+01	4.720	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	CE-A-01	SOLID	N/A	<	9.45e+01	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	CO-A-01	SOLID	N/A	<	1.89e+01	18.900	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	CR-A-01	SOLID	N/A		2.16e+03	9.450	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	CU-A-01	SOLID	N/A		1.55e+01	9.450	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	FE-A-01	SOLID	N/A		1.19e+03	47.300	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	K-A-01	SOLID	N/A		2.75e+03	473.000	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	LA-A-01	SOLID	N/A	<	4.73e+01	47.300	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	LI-A-01	SOLID	N/A	<	9.45e+00	9.450	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	MG-A-01	SOLID	N/A	<	9.45e+01	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	MN-A-01	SOLID	N/A		3.60e+02	9.450	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	MO-A-01	SOLID	N/A		6.74e+01	47.300	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	NA-A-01	SOLID	N/A		1.82e+05	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	ND-A-01	SOLID	N/A	<	9.45e+01	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	NI-A-01	SOLID	N/A		1.74e+02	18.900	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	P-A-01	SOLID	N/A		1.23e+03	189.000	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	PB-A-01	SOLID	N/A		1.38e+02	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	S-A-01	SOLID	N/A		4.37e+03	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	SB-A-01	SOLID	N/A	<	5.67e+01	56.700	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	SE-A-01	SOLID	N/A		1.35e+02	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	SI-A-01	SOLID	N/A		4.28e+02	47.300	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	SM-A-01	SOLID	N/A	<	9.45e+01	94.500	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	SR-A-01	SOLID	N/A	<	9.45e+00	9.450	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	TI-A-01	SOLID	N/A	<	9.45e+00	9.450	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	TL-A-01	SOLID	N/A	<	1.89e+02	189.000	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	U-A-01	SOLID	N/A	<	4.73e+02	473.000	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	V-A-01	SOLID	N/A	<	4.73e+01	47.300	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	ZN-A-01	SOLID	N/A		2.08e+01	9.450	ug/g
14	SAMPLE	S96T001311	0	A	@ICP-A01	ZR-A-01	SOLID	N/A		2.83e+01	9.450	ug/g
15	DUP	S96T001311	0	A	@ICP-A01	AG-A-01	SOLID	1.18e+01		<9.90e0		RPD
15	DUP	S96T001311	0	A	@ICP-A01	AL-A-01	SOLID	2.48e+04		2.44e+04	1.630	RPD
15	DUP	S96T001311	0	A	@ICP-A01	AS-A-01	SOLID	<9.45e1		<9.90e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	B-A-01	SOLID	1.29e+02		1.86e+02	36.190	RPD
15	DUP	S96T001311	0	A	@ICP-A01	BA-A-01	SOLID	<4.73e1		<4.95e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	BE-A-01	SOLID	<4.73e0		<4.95e0		RPD
15	DUP	S96T001311	0	A	@ICP-A01	BI-A-01	SOLID	<9.45e1		<9.90e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	CA-A-01	SOLID	2.33e+02		2.20e+02	5.740	RPD
15	DUP	S96T001311	0	A	@ICP-A01	CD-A-01	SOLID	1.63e+01		1.65e+01	1.220	RPD
15	DUP	S96T001311	0	A	@ICP-A01	CE-A-01	SOLID	<9.45e1		<9.90e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	CO-A-01	SOLID	<1.89e1		<1.98e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	CR-A-01	SOLID	2.16e+03		1.86e+03	14.930	RPD
15	DUP	S96T001311	0	A	@ICP-A01	CU-A-01	SOLID	1.55e+01		1.77e+01	13.250	RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
15	DUP	S96T001311	0	A	@ICP-A01	FE-A-01	SOLID	1.19e+03	9.43e+02	23.160	RPD
15	DUP	S96T001311	0	A	@ICP-A01	K-A-01	SOLID	2.75e+03	2.76e+03	0.360	RPD
15	DUP	S96T001311	0	A	@ICP-A01	LA-A-01	SOLID	<4.73e1	<4.95e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	LI-A-01	SOLID	<9.45e0	<9.90e0		RPD
15	DUP	S96T001311	0	A	@ICP-A01	MG-A-01	SOLID	<9.45e1	<9.90e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	MN-A-01	SOLID	3.60e+02	2.85e+02	23.260	RPD
15	DUP	S96T001311	0	A	@ICP-A01	MO-A-01	SOLID	6.74e+01	6.64e+01	1.490	RPD
15	DUP	S96T001311	0	A	@ICP-A01	NA-A-01	SOLID	1.82e+05	1.78e+05	2.220	RPD
15	DUP	S96T001311	0	A	@ICP-A01	ND-A-01	SOLID	<9.45e1	<9.90e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	NI-A-01	SOLID	1.74e+02	1.68e+02	3.510	RPD
15	DUP	S96T001311	0	A	@ICP-A01	P-A-01	SOLID	1.23e+03	1.21e+03	1.640	RPD
15	DUP	S96T001311	0	A	@ICP-A01	PB-A-01	SOLID	1.38e+02	1.11e+02	21.690	RPD
15	DUP	S96T001311	0	A	@ICP-A01	S-A-01	SOLID	4.37e+03	4.32e+03	1.150	RPD
15	DUP	S96T001311	0	A	@ICP-A01	SB-A-01	SOLID	<5.67e1	<5.94e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	SE-A-01	SOLID	1.35e+02	<9.90e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	SI-A-01	SOLID	4.28e+02	4.47e+02	4.340	RPD
15	DUP	S96T001311	0	A	@ICP-A01	SM-A-01	SOLID	<9.45e1	<9.90e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	SR-A-01	SOLID	<9.45e0	<9.90e0		RPD
15	DUP	S96T001311	0	A	@ICP-A01	TL-A-01	SOLID	<1.89e2	<1.98e2		RPD
15	DUP	S96T001311	0	A	@ICP-A01	U-A-01	SOLID	<4.73e2	<4.95e2		RPD
15	DUP	S96T001311	0	A	@ICP-A01	V-A-01	SOLID	<4.73e1	<4.95e1		RPD
15	DUP	S96T001311	0	A	@ICP-A01	ZN-A-01	SOLID	2.08e+01	1.46e+01	35.030	RPD
15	DUP	S96T001311	0	A	@ICP-A01	ZR-A-01	SOLID	2.83e+01	2.30e+01	20.660	RPD
15	DUP	S96T001311	0	A	@ICP-A01	TI-A-01	SOLID	<9.45e0	<9.90e0		RPD
16	ICSA		0		@ICP-QC	AG	QC	1	<1.00e-2		ug/g
16	ICSA		0		@ICP-QC	AL	QC	200	1.94e+02	97.000	% Recovery
16	ICSA		0		@ICP-QC	AS	QC	1	<1.00e-1		ug/g
16	ICSA		0		@ICP-QC	B	QC	1	<5.00e-2		ug/g
16	ICSA		0		@ICP-QC	BA	QC	1	<5.00e-2		ug/g
16	ICSA		0		@ICP-QC	BE	QC	1	<5.00e-3		ug/g
16	ICSA		0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
16	ICSA		0		@ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
16	ICSA		0		@ICP-QC	CD	QC	1	<5.00e-3		ug/g
16	ICSA		0		@ICP-QC	CE	QC	1	<1.00e-1		ug/g
16	ICSA		0		@ICP-QC	CO	QC	1	<2.00e-2		ug/g
16	ICSA		0		@ICP-QC	CR	QC	1	<1.00e-2		ug/g
16	ICSA		0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
16	ICSA		0		@ICP-QC	FE	QC	100.	9.82e+01	98.200	% Recovery
16	ICSA		0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
16	ICSA		0		@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
16	ICSA		0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
16	ICSA		0		@ICP-QC	MG	QC	100.	1.00e+02	100.000	% Recovery
16	ICSA		0		@ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
16	ICSA		0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
16	ICSA		0		@ICP-QC	NA	QC	200	1.85e+02	92.500	% Recovery
16	ICSA		0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
16	ICSA		0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
16	ICSA		0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
16	ICSA		0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
16	ICSA	0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
16	ICSA	0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
16	ICSA	0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
16	ICSA	0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
16	ICSA	0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
16	ICSA	0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
16	ICSA	0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
16	ICSA	0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
16	ICSA	0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
16	ICSA	0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
16	ICSA	0		@ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
16	ICSA	0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
17	ICSAB	0		@ICP-QC	AG	QC	1.0	1.01e+00	101.000	% Recovery
17	ICSAB	0		@ICP-QC	AL	QC	200	1.96e+02	98.000	% Recovery
17	ICSAB	0		@ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
17	ICSAB	0		@ICP-QC	B	QC	1.0	<5.00e-2		ug/g
17	ICSAB	0		@ICP-QC	BA	QC	0.5	5.13e-01	102.600	% Recovery
17	ICSAB	0		@ICP-QC	BE	QC	0.5	5.07e-01	101.400	% Recovery
17	ICSAB	0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
17	ICSAB	0		@ICP-QC	CA	QC	100.	1.04e+02	104.000	% Recovery
17	ICSAB	0		@ICP-QC	CD	QC	1.0	9.96e-01	99.600	% Recovery
17	ICSAB	0		@ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
17	ICSAB	0		@ICP-QC	CO	QC	0.5	4.93e-01	98.600	% Recovery
17	ICSAB	0		@ICP-QC	CR	QC	0.5	4.98e-01	99.600	% Recovery
17	ICSAB	0		@ICP-QC	CU	QC	0.5	5.06e-01	101.200	% Recovery
17	ICSAB	0		@ICP-QC	FE	QC	100	9.82e+01	98.200	% Recovery
17	ICSAB	0		@ICP-QC	K	QC	1.0	<5.00e-1		ug/g
17	ICSAB	0		@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
17	ICSAB	0		@ICP-QC	LI	QC	1.0	9.22e-01	92.200	% Recovery
17	ICSAB	0		@ICP-QC	MG	QC	100.	1.01e+02	101.000	% Recovery
17	ICSAB	0		@ICP-QC	MN	QC	0.5	4.99e-01	99.800	% Recovery
17	ICSAB	0		@ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
17	ICSAB	0		@ICP-QC	NA	QC	200	1.91e+02	95.500	% Recovery
17	ICSAB	0		@ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
17	ICSAB	0		@ICP-QC	NI	QC	1.0	9.78e-01	97.800	% Recovery
17	ICSAB	0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
17	ICSAB	0		@ICP-QC	PB	QC	1.0	9.85e-01	98.500	% Recovery
17	ICSAB	0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
17	ICSAB	0		@ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
17	ICSAB	0		@ICP-QC	SE	QC	1.0	<1.00e-1		ug/g
17	ICSAB	0		@ICP-QC	SI	QC	1.0	<5.00e-2		ug/g
17	ICSAB	0		@ICP-QC	SM	QC	1.0	<1.00e-1		ug/g
17	ICSAB	0		@ICP-QC	SR	QC	1.0	<1.00e-2		ug/g
17	ICSAB	0		@ICP-QC	TI	QC	1.0	<1.00e-2		ug/g
17	ICSAB	0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
17	ICSAB	0		@ICP-QC	U	QC	1.0	<5.00e-1		ug/g
17	ICSAB	0		@ICP-QC	V	QC	0.5	5.01e-01	100.200	% Recovery
17	ICSAB	0		@ICP-QC	ZN	QC	1.0	9.90e-01	99.000	% Recovery
17	ICSAB	0		@ICP-QC	ZR	QC	1.0	<1.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
18	CCV		0		●ICP-QC AG	QC	5.0	4.72e+00	94.400	% Recovery
18	CCV		0		●ICP-QC AL	QC	5.0	4.89e+00	97.800	% Recovery
18	CCV		0		●ICP-QC AS	QC	5.0	5.03e+00	100.600	% Recovery
18	CCV		0		●ICP-QC B	QC	5.0	5.11e+00	102.200	% Recovery
18	CCV		0		●ICP-QC BA	QC	5.0	5.05e+00	101.000	% Recovery
18	CCV		0		●ICP-QC BE	QC	5.0	5.20e+00	104.000	% Recovery
18	CCV		0		●ICP-QC BI	QC	5.0	4.98e+00	99.600	% Recovery
18	CCV		0		●ICP-QC CA	QC	5.0	4.99e+00	99.800	% Recovery
18	CCV		0		●ICP-QC CD	QC	5.0	4.95e+00	99.000	% Recovery
18	CCV		0		●ICP-QC CE	QC	5.0	5.15e+00	103.000	% Recovery
18	CCV		0		●ICP-QC CO	QC	5.0	4.92e+00	98.400	% Recovery
18	CCV		0		●ICP-QC CR	QC	5.0	4.90e+00	98.000	% Recovery
18	CCV		0		●ICP-QC CU	QC	5.0	5.10e+00	102.000	% Recovery
18	CCV		0		●ICP-QC FE	QC	5.0	5.14e+00	102.800	% Recovery
18	CCV		0		●ICP-QC K	QC	5.0	5.01e+00	100.200	% Recovery
18	CCV		0		●ICP-QC LA	QC	5.0	5.10e+00	102.000	% Recovery
18	CCV		0		●ICP-QC LI	QC	5.0	4.97e+00	99.400	% Recovery
18	CCV		0		●ICP-QC MG	QC	5.0	4.76e+00	95.200	% Recovery
18	CCV		0		●ICP-QC MN	QC	5.0	4.95e+00	99.000	% Recovery
18	CCV		0		●ICP-QC MO	QC	5.0	4.88e+00	97.600	% Recovery
18	CCV		0		●ICP-QC NA	QC	5.0	5.05e+00	101.000	% Recovery
18	CCV		0		●ICP-QC ND	QC	5.0	5.50e+00	110.000	% Recovery
18	CCV		0		●ICP-QC NI	QC	5.0	4.93e+00	98.600	% Recovery
18	CCV		0		●ICP-QC P	QC	5.0	5.24e+00	104.800	% Recovery
18	CCV		0		●ICP-QC PB	QC	5.0	4.97e+00	99.400	% Recovery
18	CCV		0		●ICP-QC S	QC	5.0	4.89e+00	97.800	% Recovery
18	CCV		0		●ICP-QC SB	QC	5.0	4.75e+00	95.000	% Recovery
18	CCV		0		●ICP-QC SE	QC	5.0	5.14e+00	102.800	% Recovery
18	CCV		0		●ICP-QC SI	QC	5.0	4.72e+00	94.400	% Recovery
18	CCV		0		●ICP-QC SM	QC	5.0	5.13e+00	102.600	% Recovery
18	CCV		0		●ICP-QC SR	QC	5.0	5.04e+00	100.800	% Recovery
18	CCV		0		●ICP-QC TI	QC	5.0	4.82e+00	96.400	% Recovery
18	CCV		0		●ICP-QC TL	QC	5.0	4.78e+00	95.600	% Recovery
18	CCV		0		●ICP-QC U	QC	10.0	9.97e+00	99.700	% Recovery
18	CCV		0		●ICP-QC V	QC	5.0	5.06e+00	101.200	% Recovery
18	CCV		0		●ICP-QC ZN	QC	5.0	4.96e+00	99.200	% Recovery
18	CCV		0		●ICP-QC ZR	QC	5.0	5.00e+00	100.000	% Recovery
19	CCB		0		●ICP-QC AG	QC	1	1.92e-02	2.000e-002	ug/g
19	CCB		0		●ICP-QC AL	QC	1	<5.00e-2		ug/g
19	CCB		0		●ICP-QC AS	QC	1	<1.00e-1		ug/g
19	CCB		0		●ICP-QC B	QC	1	<5.00e-2		ug/g
19	CCB		0		●ICP-QC BA	QC	1	<5.00e-2		ug/g
19	CCB		0		●ICP-QC BE	QC	1	<5.00e-3		ug/g
19	CCB		0		●ICP-QC BI	QC	1	<1.00e-1		ug/g
19	CCB		0		●ICP-QC CA	QC	1	<1.00e-1		ug/g
19	CCB		0		●ICP-QC CD	QC	1	<5.00e-3		ug/g
19	CCB		0		●ICP-QC CE	QC	1	<1.00e-1		ug/g
19	CCB		0		●ICP-QC CO	QC	1	<2.00e-2		ug/g
19	CCB		0		●ICP-QC CR	QC	1	<1.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7461

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
19	CCB	0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
19	CCB	0		@ICP-QC	FE	QC	1	<5.00e-2		ug/g
19	CCB	0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
19	CCB	0		@ICP-QC	LA	QC	1	<5.00e-2		ug/g
19	CCB	0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
19	CCB	0		@ICP-QC	MG	QC	1	<1.00e-1		ug/g
19	CCB	0		@ICP-QC	MN	QC	1	<1.00e-2		ug/g
19	CCB	0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
19	CCB	0		@ICP-QC	NA	QC	1	<1.00e-1		ug/g
19	CCB	0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
19	CCB	0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
19	CCB	0		@ICP-QC	P	QC	1	<2.00e-1		ug/g
19	CCB	0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
19	CCB	0		@ICP-QC	S	QC	1	<1.00e-1		ug/g
19	CCB	0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
19	CCB	0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
19	CCB	0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
19	CCB	0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
19	CCB	0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
19	CCB	0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
19	CCB	0		@ICP-QC	TL	QC	1	<2.00e-1		ug/g
19	CCB	0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
19	CCB	0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
19	CCB	0		@ICP-QC	ZN	QC	1	<1.00e-2		ug/g
19	CCB	0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g

Final page for worklist# 7461

Analyst Signature Date

Analyst Signature Date

Saul M. Parry 4/11/96
Reviewer Signature Date

Units shown for QC (BLK/BKG) may not reflect the actual units.

Identity 1: ICV Identity 2: Quality Control 1:17 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	5.012	5.017	5.004	4.759	4.848	4.992	5.083	4.925
S.D.	0.004	0.010	0.037	0.007	0.007	0.021	0.015	0.023
% R.S.D.	0.088	0.195	0.742	0.156	0.142	0.417	0.291	0.464

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.040	5.003	5.108	5.174	5.005	4.988	5.509	9.987
S.D.	0.011	0.017	0.015	0.014	0.010	0.014	0.017	0.037
% R.S.D.	0.218	0.349	0.289	0.272	0.197	0.285	0.306	0.366

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.081	5.083	5.023	5.149	4.924	4.823	5.071	4.927
S.D.	0.022	0.006	0.012	0.067	0.025	0.014	0.010	0.012
% R.S.D.	0.425	0.123	0.236	1.303	0.516	0.285	0.193	0.250

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.927	5.124	4.888	5.013	4.837	5.023	5.141	4.982
S.D.	0.021	0.048	0.015	0.042	0.008	0.003	0.012	0.003
% R.S.D.	0.418	0.946	0.301	0.837	0.165	0.063	0.236	0.056

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.021	4.801	5.108	5.227	4.823
S.D.	0.004	0.013	0.007	0.006	0.033
% R.S.D.	0.085	0.278	0.143	0.112	0.681

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 896 TO 917.

D J Goeck
4-10-96

U-105 Acid Digest
S96T001287, 1304, 1311
2nd-8nd

FILE # 960410A.DAT

Identity 1: ICB Identity 2: Quality Control 1:20 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.001	-0.002	0.009	-0.018	-0.000	-0.000	0.001
S.D.	0.002	0.001	0.006	0.002	0.002	0.003	0.001	0.001
% R.S.D.	289.276	77.166	273.450	21.794	9.053	834968.941	138.530	88.606

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.001	0.007	-0.001	0.002	0.004	0.004	0.003
S.D.	0.001	0.003	0.002	0.002	0.001	0.002	0.009	0.075
% R.S.D.	44.365	230.113	30.206	136.613	46.351	43.546	239.052	2529.001

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.019	-0.010	0.001	-0.029	-0.006	0.001	-0.006	0.015
S.D.	0.015	0.012	0.001	0.007	0.004	0.001	0.001	0.006
% R.S.D.	77.071	116.093	139.834	25.173	64.366	47.325	22.847	37.749

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	-0.012	0.003	-0.029	0.002	-0.001	0.005	-0.072
S.D.	0.001	0.003	0.000	0.007	0.001	0.000	0.002	0.021
% R.S.D.	38.878	27.571	10.201	24.552	38.142	33.675	36.337	29.065

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	-0.002	-0.003	0.001	-0.059
S.D.	0.001	0.026	0.000	0.001	0.037
% R.S.D.	52033.434	1051.696	15.451	126.077	63.243

Identity 1: ICSA Identity 2: Quality Control 1:24 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.003	0.002	-0.031	0.010	193.222	0.002	0.002	0.001
S.D.	0.000	0.000	0.015	0.003	0.383	0.002	0.000	0.000
% R.S.D.	15.841	4.681	49.200	34.231	0.198	80.539	8.886	13.453

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.003	0.006	0.010	97.675	103.807	0.009	0.006	-0.099
S.D.	0.000	0.001	0.001	0.254	0.092	0.001	0.008	0.023
% R.S.D.	15.277	11.753	7.798	0.260	0.088	16.002	137.046	23.624

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.026	0.005	0.004	0.002	0.005	99.414	0.053	187.881
S.D.	0.005	0.001	0.000	0.009	0.010	0.102	0.013	0.407
% R.S.D.	19.562	15.352	2.121	362.884	190.931	0.103	23.821	0.217

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	-0.043	0.005	-0.035	-0.000	0.001	0.011	-0.176
S.D.	0.001	0.012	0.000	0.006	0.000	0.001	0.000	0.008
% R.S.D.	25.639	28.913	4.892	17.198	177.393	76.387	3.795	4.425

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	-0.010	-0.001	0.003	-0.007
S.D.	0.000	0.032	0.000	0.000	0.016
% R.S.D.	65.158	332.678	18.580	4.401	234.619

Identity 1: ICSAB Identity 2: Quality Control 1:26 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.004	0.002	-0.036	0.005	194.312	0.490	0.506	0.922
S.D.	0.001	0.000	0.005	0.001	0.295	0.002	0.001	0.006
% R.S.D.	14.661	3.884	14.249	13.210	0.152	0.351	0.264	0.656

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.989	0.978	0.004	97.778	104.127	0.499	-0.012	-0.062
S.D.	0.001	0.003	0.001	0.141	0.128	0.001	0.005	0.034
% R.S.D.	0.137	0.322	32.690	0.144	0.123	0.137	39.082	54.707

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.022	-0.003	0.513	0.026	0.031	100.899	0.037	190.033
S.D.	0.008	0.007	0.001	0.004	0.004	0.100	0.010	1.047
% R.S.D.	34.925	246.100	0.159	15.807	13.404	0.099	26.067	0.551

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.017	1.014	0.978	0.000	0.998	0.013	-0.126
S.D.	0.002	0.018	0.000	0.012	0.000	0.001	0.000	0.007
% R.S.D.	132.612	106.616	0.049	1.180	65.906	0.081	1.866	5.789

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.498	0.025	0.500	0.507	0.001
S.D.	0.000	0.010	0.002	0.001	0.010
% R.S.D.	0.093	38.656	0.344	0.174	1109.552

Identity 1: prepstdarl Identity 2: direct 1:31 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	3.107	4.885	4.700	5.834	4.661	4.962	4.616	4.547
S.D.	0.012	0.021	0.022	0.017	0.018	0.039	0.009	0.020
% R.S.D.	0.389	0.431	0.473	0.287	0.396	0.785	0.202	0.438

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.666	4.963	5.039	5.041	4.941	4.896	5.184	9.337
S.D.	0.009	0.027	0.023	0.014	0.021	0.030	0.010	0.042
% R.S.D.	0.195	0.549	0.448	0.277	0.430	0.608	0.191	0.450

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.013	4.953	4.873	4.614	4.801	4.692	4.893	4.800
S.D.	0.031	0.019	0.018	0.081	0.027	0.030	0.046	0.013
% R.S.D.	0.620	0.391	0.373	1.753	0.556	0.630	0.942	0.265

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.579	4.913	0.909	4.657	3.711	4.828	4.986	4.957
S.D.	0.036	0.082	0.001	0.019	0.020	0.026	0.027	0.027
% R.S.D.	0.787	1.665	0.155	0.414	0.528	0.538	0.543	0.536

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.908	3.888	4.909	5.306	4.404
S.D.	0.026	0.027	0.025	0.031	0.000
% R.S.D.	0.527	0.705	0.515	0.589	0.004

Identity 1: prepblkarl Identity 2: direct 1:35 PM April 10, 1996

Task name : OPTIMA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.001	0.012	0.533	0.107	0.005	0.019	0.001
S.D.	0.001	0.001	0.004	0.001	0.005	0.002	0.001	0.001
% R.S.D.	71.155	55.551	37.241	0.109	4.268	34.587	2.779	48.759

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.011	0.002	0.002	0.036	0.193	0.017	0.003	-0.062
S.D.	0.001	0.002	0.001	0.001	0.000	0.004	0.004	0.013
% R.S.D.	5.707	97.972	43.972	1.797	0.178	23.071	138.961	21.627

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.037	-0.020	0.001	0.008	0.066	0.024	0.004	0.736
S.D.	0.005	0.002	0.000	0.016	0.002	0.000	0.004	0.011
% R.S.D.	12.583	8.153	29.267	195.196	3.338	1.821	97.884	1.435

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.004	-0.034	0.003	0.001	0.001	0.003	0.469	0.346
S.D.	0.000	0.006	0.000	0.008	0.000	0.001	0.002	0.006
% R.S.D.	6.189	19.167	9.070	526.304	34.094	32.837	0.457	1.618

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	0.020	0.002	0.001	-0.009
S.D.	0.001	0.009	0.001	0.001	0.005
% R.S.D.	112.667	44.225	58.087	77.992	52.831

Identity 1: S96T001297_L Identity 2: 2ml-8ml-2ml-8ml 1:39 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.108	0.016	0.266	2.413	90.493	-0.025	0.065	0.002
S.D.	0.041	0.004	0.179	0.062	0.039	0.043	0.010	0.007
% R.S.D.	38.292	22.349	67.561	2.587	0.043	171.377	14.829	324.704

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.114	0.908	0.192	5.667	1.441	19.278	0.578	2.946
S.D.	0.008	0.071	0.034	0.010	0.002	0.081	0.137	1.439
% R.S.D.	6.900	7.819	17.758	0.185	0.132	0.422	23.618	48.863

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.033	0.305	0.021	9.569	28.004	0.105	-0.039	1034.525
S.D.	0.348	0.281	0.006	0.171	0.369	0.002	0.029	4.494
% R.S.D.	1045.308	92.319	28.075	1.784	1.316	2.249	74.680	0.434

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.198	0.735	-0.006	0.052	0.014	0.094	0.171	8.738
S.D.	0.048	0.242	0.015	0.316	0.014	0.010	0.022	0.794
% R.S.D.	24.277	32.950	243.100	603.433	101.166	10.959	13.072	9.090

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	2.022	0.276	-0.065	-0.006	-1.782
S.D.	0.007	0.348	0.028	0.003	0.650
% R.S.D.	0.339	126.024	42.692	53.090	36.456

Identity 1: S96T001297 Identity 2: 2ml-8ml 1:43 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.111	0.020	0.245	2.237	90.660	0.015	0.060	0.003
S.D.	0.003	0.001	0.033	0.015	0.117	0.015	0.003	0.001
% R.S.D.	2.332	4.037	13.324	0.673	0.129	100.204	4.900	42.143

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.112	0.825	0.102	5.556	1.413	18.819	0.334	1.425
S.D.	0.002	0.007	0.004	0.035	0.002	0.072	0.014	0.165
% R.S.D.	1.568	0.898	3.826	0.625	0.116	0.380	4.112	11.563

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.126	0.009	0.027	10.119	27.885	0.099	-0.018	1006.011
S.D.	0.059	0.030	0.001	0.080	0.069	0.000	0.008	4.141
% R.S.D.	46.478	314.894	4.087	0.795	0.247	0.000	44.253	0.412

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.211	1.339	0.009	0.679	0.008	0.096	0.181	8.491
S.D.	0.010	0.085	0.002	0.057	0.002	0.004	0.003	0.089
% R.S.D.	4.783	6.346	19.748	8.362	20.473	3.988	1.842	1.051

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	2.021	-0.170	-0.019	0.004	-0.201
S.D.	0.010	0.146	0.003	0.001	0.084
% R.S.D.	0.489	85.486	13.763	31.545	41.523

Identity 1: S96T001297_0 Identity 2: 2ml-8ml 1:46 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.085	0.017	0.122	2.441	85.340	0.045	0.053	0.004
S.D.	0.007	0.000	0.015	0.011	0.326	0.000	0.002	0.001
% R.S.D.	8.153	2.919	12.215	0.432	0.382	0.047	3.828	33.654

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.082	0.773	0.075	4.428	1.127	16.455	0.311	0.538
S.D.	0.000	0.013	0.014	0.016	0.003	0.033	0.043	0.164
% R.S.D.	0.550	1.634	18.772	0.362	0.246	0.198	13.762	30.548

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.252	-0.133	0.024	11.414	26.013	0.073	-0.020	1002.810
S.D.	0.056	0.061	0.001	0.342	0.312	0.000	0.026	2.163
% R.S.D.	22.412	45.801	3.464	2.999	1.201	0.651	127.339	0.216

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.206	1.182	0.015	0.615	0.003	0.091	0.158	8.198
S.D.	0.009	0.105	0.004	0.068	0.001	0.005	0.007	0.079
% R.S.D.	4.339	8.850	30.040	11.062	40.584	5.721	4.613	0.962

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.538	-0.052	0.002	0.002	-0.190
S.D.	0.008	0.033	0.004	0.001	0.096
% R.S.D.	0.507	64.628	228.176	31.227	50.577

Identity 1: S96T001297_S Identity 2: 2ml-8ml 1:50 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	3.212	4.946	4.896	5.868	93.850	4.972	4.855	4.617
S.D.	0.013	0.003	0.010	0.016	0.142	0.034	0.004	0.039
% R.S.D.	0.397	0.055	0.204	0.275	0.152	0.690	0.091	0.855

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.895	5.789	5.186	10.295	5.852	22.526	5.624	10.438
S.D.	0.007	0.014	0.033	0.039	0.003	0.031	0.042	0.189
% R.S.D.	0.152	0.245	0.638	0.383	0.050	0.138	0.743	1.809

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.165	5.072	4.945	23.500	28.818	4.671	4.977	1014.152
S.D.	0.053	0.022	0.002	0.466	0.243	0.013	0.043	7.302
% R.S.D.	1.033	0.425	0.044	1.982	0.842	0.282	0.869	0.720

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.672	6.129	0.962	5.544	3.686	4.959	5.712	13.630
S.D.	0.014	0.050	0.002	0.060	0.005	0.005	0.023	0.102
% R.S.D.	0.298	0.816	0.258	1.074	0.128	0.091	0.408	0.745

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	6.654	3.951	4.935	5.046	4.585
S.D.	0.016	0.126	0.013	0.008	0.039
% R.S.D.	0.237	3.196	0.267	0.152	0.859

Identity 1: CCV Identity 2: Quality Control 1:53 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	5.080	5.107	5.032	4.782	4.897	5.002	5.169	4.958
S.D.	0.014	0.024	0.020	0.008	0.015	0.019	0.023	0.070
% R.S.D.	0.280	0.478	0.396	0.170	0.310	0.387	0.446	1.404

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.022	5.016	5.202	5.211	5.081	4.995	5.615	10.246
S.D.	0.007	0.020	0.015	0.015	0.016	0.009	0.030	0.054
% R.S.D.	0.142	0.396	0.282	0.297	0.313	0.182	0.527	0.523

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.147	5.206	5.123	5.254	4.983	4.831	5.096	5.030
S.D.	0.027	0.010	0.026	0.133	0.031	0.010	0.006	0.060
% R.S.D.	0.524	0.187	0.503	2.524	0.627	0.204	0.115	1.185

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.940	5.202	3.755	5.043	4.891	5.038	5.179	4.977
S.D.	0.020	0.035	0.306	0.025	0.019	0.011	0.019	0.014
% R.S.D.	0.400	0.682	8.142	0.491	0.381	0.225	0.369	0.285

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.033	4.791	5.138	5.283	4.845
S.D.	0.005	0.028	0.011	0.013	0.014
% R.S.D.	0.098	0.578	0.219	0.244	0.294

Identity 1: CCB Identity 2: Quality Control 1:58 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.000	-0.006	0.010	0.002	-0.003	-0.000	0.001
S.D.	0.001	0.000	0.005	0.003	0.005	0.000	0.001	0.000
% R.S.D.	103.002	83.397	89.112	25.373	309.230	0.103	277.350	49.660

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.004	0.003	0.000	0.001	0.002	0.010	0.090
S.D.	0.001	0.003	0.002	0.002	0.000	0.000	0.006	0.024
% R.S.D.	45.810	69.587	56.996	2701.362	26.316	11.525	59.968	26.681

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.002	0.001	0.000	-0.024	-0.001	0.001	-0.005	0.057
S.D.	0.012	0.007	0.000	0.002	0.003	0.000	0.003	0.011
% R.S.D.	721.202	952.469	86.460	6.532	380.924	27.273	46.636	20.257

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	0.004	0.329	-0.022	0.001	0.002	0.001	-0.008
S.D.	0.001	0.003	0.031	0.004	0.001	0.002	0.001	0.020
% R.S.D.	30.044	78.612	9.367	19.312	47.331	90.037	115.170	244.399

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.001	-0.022	-0.001	0.001	-0.039
S.D.	0.000	0.038	0.001	0.000	0.018
% R.S.D.	55.993	173.469	123.669	34.515	47.805

B

Identity 1: S96T001304_L Identity 2: 2ml-8ml-2ml-8ml 2:05 PM April 10, 1996

Task name : OPTIMA

Sample Weight : 1.0000 Solution Volume : 25.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.041	0.015	-0.550	1.464	69.895	0.075	0.078	0.026
S.D.	0.023	0.001	0.080	0.063	0.122	0.074	0.006	0.005
% R.S.D.	56.843	6.186	14.559	4.324	0.175	99.465	7.291	17.240

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.091	0.820	0.077	1.675	1.074	6.825	0.492	-2.748
S.D.	0.010	0.041	0.019	0.072	0.007	0.012	0.165	0.438
% R.S.D.	10.768	5.048	25.284	4.290	0.670	0.178	33.616	15.951

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.947	-0.394	0.031	5.255	13.915	0.059	0.118	1071.629
S.D.	0.173	0.077	0.002	0.365	0.063	0.004	0.077	4.058
% R.S.D.	18.239	19.577	6.040	6.947	0.452	6.977	64.975	0.379

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.215	-0.012	0.323	-0.251	-0.016	0.103	0.143	7.072
S.D.	0.021	0.504	0.008	0.150	0.006	0.007	0.011	0.273
% R.S.D.	9.799	4303.270	2.609	59.769	34.056	6.709	7.948	3.862

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.527	0.764	0.026	0.007	0.018
S.D.	0.011	0.432	0.019	0.003	0.246
% R.S.D.	1.995	56.549	75.744	47.409	1332.213

Identity 1: S96T001304 Identity 2: 2ml-8ml 2:10 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.037	0.007	0.055	1.562	70.253	0.010	0.047	0.001
S.D.	0.006	0.001	0.023	0.015	0.069	0.009	0.000	0.001
% R.S.D.	17.179	8.921	42.494	0.939	0.099	86.411	0.983	217.744

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.086	0.780	0.067	1.642	0.942	6.805	0.114	0.563
S.D.	0.003	0.020	0.008	0.025	0.001	0.011	0.068	0.264
% R.S.D.	3.468	2.600	11.642	1.513	0.127	0.168	59.833	46.900

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.022	-0.019	0.011	5.919	14.048	0.046	0.000	1036.204
S.D.	0.055	0.047	0.001	0.155	0.046	0.001	0.049	1.128
% R.S.D.	253.101	249.137	12.330	2.613	0.327	1.775	33244.108	0.109

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.209	0.397	0.130	0.281	0.004	0.081	0.164	8.125
S.D.	0.006	0.059	0.005	0.047	0.001	0.002	0.007	0.014
% R.S.D.	2.654	14.786	3.811	16.642	20.768	2.227	4.096	0.172

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.534	0.155	-0.014	0.002	-0.382
S.D.	0.002	0.044	0.001	0.001	0.093
% R.S.D.	0.396	28.593	9.429	27.860	24.306

Identity 1: S96T001304_D Identity 2: 2ml-8ml 2:12 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.025	0.009	-0.024	1.898	75.280	0.010	0.065	0.000
S.D.	0.006	0.000	0.031	0.024	0.123	0.009	0.002	0.001
% R.S.D.	24.999	4.174	131.730	1.241	0.164	85.885	3.043	316.805

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.035	0.840	0.034	1.789	0.951	7.095	0.193	-0.155
S.D.	0.002	0.009	0.010	0.015	0.001	0.015	0.029	0.088
% R.S.D.	5.674	1.076	30.549	0.842	0.100	0.217	14.887	56.428

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.133	-0.142	0.014	5.039	14.516	0.036	0.021	1048.166
S.D.	0.068	0.021	0.001	0.138	0.193	0.000	0.022	9.178
% R.S.D.	50.969	15.158	6.691	2.749	1.332	1.322	103.764	0.876

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.218	0.553	0.122	0.265	-0.002	0.089	0.666	8.767
S.D.	0.003	0.040	0.004	0.024	0.001	0.005	0.009	0.043
% R.S.D.	1.506	7.259	3.424	9.153	74.213	5.359	1.370	0.485

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.569	-0.049	-0.012	0.004	-0.201
S.D.	0.005	0.108	0.004	0.001	0.028
% R.S.D.	0.910	220.409	32.791	14.329	13.804

Identity 1: S96T001311_L Identity 2: 2ml-8ml-2ml-8ml 2:16 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.164	0.022	0.350	2.484	129.830	0.272	0.121	0.024
S.D.	0.044	0.002	0.358	0.068	0.502	0.043	0.010	0.008
% R.S.D.	26.825	11.177	102.032	2.738	0.387	15.763	8.146	34.148

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.181	0.890	0.103	6.303	1.369	11.472	0.606	2.685
S.D.	0.008	0.061	0.020	0.039	0.006	0.030	0.242	1.448
% R.S.D.	4.465	6.874	19.416	0.625	0.435	0.262	39.957	53.943

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	1.260	0.147	0.045	5.646	23.170	0.060	-0.146	974.606
S.D.	0.405	0.258	0.006	0.502	0.115	0.002	0.066	10.875
% R.S.D.	32.136	175.846	13.725	8.884	0.494	3.937	44.957	1.116

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.394	0.488	0.187	0.795	0.019	0.122	0.663	14.787
S.D.	0.029	0.297	0.021	0.121	0.007	0.003	0.035	0.424
% R.S.D.	7.339	60.866	11.151	15.267	35.239	2.819	5.237	2.867

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.894	-0.611	0.018	-0.000	-0.406
S.D.	0.014	0.503	0.034	0.003	0.675
% R.S.D.	0.755	82.226	186.615	5344.423	166.312

Identity 1: S96T001311 Identity 2: 2ml-8ml 2:19 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.150	0.013	-0.073	2.263	131.446	0.025	0.082	0.003
S.D.	0.003	0.000	0.021	0.014	0.192	0.009	0.002	0.002
% R.S.D.	2.070	1.364	28.130	0.633	0.146	34.687	2.142	58.916

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.110	0.923	0.062	6.281	1.234	11.432	0.334	1.278
S.D.	0.002	0.016	0.014	0.009	0.002	0.022	0.016	0.121
% R.S.D.	1.678	1.687	22.681	0.144	0.168	0.195	4.937	9.459

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.229	0.021	0.031	6.518	23.132	0.057	-0.036	962.357
S.D.	0.022	0.018	0.000	0.131	0.091	0.000	0.012	1.149
% R.S.D.	9.520	85.053	0.745	2.003	0.395	0.837	33.723	0.119

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.357	0.713	0.062	0.728	0.004	0.086	0.680	14.541
S.D.	0.007	0.050	0.003	0.056	0.002	0.003	0.002	0.098
% R.S.D.	1.870	7.039	4.573	7.720	50.044	3.188	0.239	0.673

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.902	0.138	-0.010	0.001	-0.305
S.D.	0.006	0.115	0.003	0.001	0.091
% R.S.D.	0.313	83.105	34.690	53.164	29.868

HNC-SD-WM-DP-182, REV. 1

Identity 1: S96T001311_D Identity 2: 2ml-8ml 2:22 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.116	0.014	-0.125	2.260	123.175	0.020	0.090	0.006
S.D.	0.003	0.000	0.036	0.020	0.327	0.009	0.000	0.002
% R.S.D.	2.330	1.353	28.920	0.869	0.265	43.442	0.499	26.963

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.074	0.846	0.070	4.763	1.111	9.411	0.278	1.165
S.D.	0.003	0.021	0.010	0.029	0.003	0.021	0.033	0.207
% R.S.D.	3.503	2.531	14.648	0.610	0.265	0.219	11.701	17.781

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.335	-0.067	0.028	6.090	21.805	0.064	-0.007	897.853
S.D.	0.027	0.051	0.001	0.247	0.345	0.000	0.012	4.102
% R.S.D.	7.967	77.130	3.004	4.061	1.581	0.740	154.855	0.457

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.335	0.457	0.048	0.563	0.003	0.083	0.939	13.925
S.D.	0.004	0.131	0.003	0.027	0.002	0.002	0.008	0.085
% R.S.D.	1.152	28.746	7.049	4.852	50.868	2.477	0.876	0.609

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.442	-0.013	-0.012	0.004	-0.082
S.D.	0.006	0.021	0.002	0.001	0.038
% R.S.D.	0.437	163.252	14.369	15.592	46.694

Identity 1: ICSA Identity 2: Quality Control 2:25 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.002	-0.030	0.010	193.932	0.000	0.002	0.001
S.D.	0.001	0.000	0.007	0.002	0.649	0.002	0.000	0.000
% R.S.D.	244.668	2.941	22.658	23.040	0.334	1293.083	12.555	55.237

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.004	0.005	0.004	98.199	103.264	0.007	-0.005	-0.046
S.D.	0.000	0.001	0.003	0.341	0.308	0.002	0.018	0.038
% R.S.D.	8.139	13.470	74.068	0.348	0.298	32.577	336.407	81.033

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.026	0.019	0.003	0.003	0.010	99.957	0.062	185.486
S.D.	0.011	0.007	0.000	0.011	0.004	0.185	0.007	1.305
% R.S.D.	41.821	36.108	5.689	364.037	40.179	0.185	11.879	0.704

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	-0.066	0.005	-0.008	-0.000	-0.001	0.011	0.016
S.D.	0.002	0.020	0.001	0.006	0.000	0.000	0.001	0.018
% R.S.D.	99.013	30.343	10.552	71.758	39.830	60.283	6.177	108.485

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	0.017	0.000	0.003	-0.087
S.D.	0.000	0.017	0.000	0.000	0.022
% R.S.D.	476.162	105.433	41.273	0.161	24.626

Identity 1: ICSAB Identity 2: Quality Control 2:27 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.002	-0.036	0.010	196.182	0.493	0.506	0.922
S.D.	0.001	0.000	0.011	0.003	0.533	0.002	0.001	0.007
% R.S.D.	75.453	4.981	30.363	29.505	0.272	0.349	0.231	0.723

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.990	0.978	0.005	98.208	104.179	0.498	-0.004	0.018
S.D.	0.004	0.008	0.001	0.070	0.206	0.001	0.003	0.033
% R.S.D.	0.369	0.768	17.179	0.071	0.198	0.274	75.174	188.888

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.002	0.028	0.513	0.022	0.017	101.093	0.035	190.717
S.D.	0.010	0.007	0.001	0.015	0.015	0.324	0.006	1.386
% R.S.D.	441.237	24.667	0.256	67.756	89.104	0.320	16.613	0.727

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.050	1.011	0.985	0.000	0.996	0.011	-0.006
S.D.	0.000	0.022	0.004	0.010	0.000	0.007	0.001	0.005
% R.S.D.	80.194	43.418	0.412	1.061	150.680	0.657	6.836	83.678

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.499	0.044	0.501	0.508	-0.055
S.D.	0.002	0.002	0.002	0.001	0.018
% R.S.D.	0.384	5.627	0.440	0.214	32.671

Identity 1: CCV Identity 2: Quality Control 2:31 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.997	5.040	4.976	4.719	4.886	4.919	5.103	4.970
S.D.	0.029	0.028	0.015	0.006	0.018	0.003	0.032	0.025
% R.S.D.	0.575	0.552	0.305	0.117	0.372	0.070	0.619	0.510

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.962	4.931	5.103	5.136	4.993	4.901	5.501	9.972
S.D.	0.004	0.011	0.035	0.034	0.034	0.006	0.070	0.051
% R.S.D.	0.085	0.224	0.691	0.669	0.672	0.125	1.266	0.513

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.152	5.125	5.053	5.238	4.893	4.764	5.033	5.047
S.D.	0.015	0.025	0.032	0.049	0.022	0.012	0.020	0.010
% R.S.D.	0.296	0.479	0.626	0.939	0.451	0.252	0.399	0.193

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.883	5.141	4.721	4.968	4.820	4.948	5.110	5.012
S.D.	0.005	0.029	0.084	0.021	0.019	0.017	0.029	0.029
% R.S.D.	0.104	0.559	1.787	0.415	0.389	0.340	0.574	0.580

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.947	4.747	5.061	5.201	4.777
S.D.	0.017	0.043	0.022	0.023	0.008
% R.S.D.	0.348	0.896	0.439	0.442	0.177

Identity 1: CCB Identity 2: Quality Control 2:35 PM April 10, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.000	0.002	0.014	0.003	0.022	0.004	0.002	0.002
S.D.	0.001	0.001	0.002	0.003	0.003	0.002	0.001	0.001
% R.S.D.	162.554	52.365	14.712	105.065	11.732	43.259	32.630	37.795

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.003	0.004	0.007	0.011	0.011	0.005	0.018	-0.029
S.D.	0.001	0.001	0.001	0.005	0.005	0.001	0.003	0.062
% R.S.D.	38.689	28.737	11.582	43.654	45.280	10.424	18.248	218.670

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.024	-0.029	0.002	-0.023	-0.002	0.011	-0.004	0.063
S.D.	0.014	0.009	0.001	0.005	0.003	0.005	0.001	0.009
% R.S.D.	57.032	30.881	41.632	23.149	144.240	44.494	31.093	14.286

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.004	-0.034	0.019	-0.026	0.002	0.003	0.005	0.046
S.D.	0.001	0.009	0.002	0.004	0.001	0.000	0.001	0.010
% R.S.D.	16.484	26.116	9.893	16.565	44.280	10.391	25.542	21.051

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.009	0.002	0.002	-0.038
S.D.	0.001	0.004	0.000	0.001	0.028
% R.S.D.	106.550	48.061	17.685	61.375	73.532

LABCORE Data Entry Template for Worklist# 7521

Analyst: B. Goeke **Instrument:** ICP01 _____ **Book#** 53/34/95

Method: LA-505-151/~~161~~ 165 Rev/Mod D-3
4-11-96

Worklist Comment: ICP U-105 (FUSION)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPBLKARL				@ICP-F01	SOLID		
6	SERDIL	S96T001285	0	F	@ICP-F01	SOLID		
7	SAMPLE	S96T001285	0	F	@ICP-F01	SOLID	96000143	U-105 (R)
	Analytes Requested:				AL-F-01 , BI-F-01 , FE-F-01 , LI-F-01 , NA-F-01 , P-F-01 , SI-F-01			
8	DUP	S96T001285	0	F	@ICP-F01	SOLID		
9	SPK	S96T001285	0	F	@ICP-F01	SOLID		
10	CCV				@ICP-QC	QC		
11	CCB				@ICP-QC	QC		
12	SERDIL	S96T001291	0	F	@ICP-F01	SOLID		
13	SAMPLE	S96T001291	0	F	@ICP-F01	SOLID	96000143	U-105 (R)
	Analytes Requested:				AL-F-01 , BI-F-01 , FE-F-01 , LI-F-01 , NA-F-01 , P-F-01 , SI-F-01			
14	DUP	S96T001291	0	F	@ICP-F01	SOLID		
15	SPK	S96T001291	0	F	@ICP-F01	SOLID		
16	SERDIL	S96T001296	0	F	@ICP-F01	SOLID		
17	SAMPLE	S96T001296	0	F	@ICP-F01	SOLID	96000143	U-105 (R)

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

04/09/96 12:11
A-0004-1

LABCORE Data Entry Template for Worklist# 7521

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
	Analytes Requested:				AL-F-01 , BI-F-01 , FE-F-01 , LI-F-01 , NA-F-01 , P-F-01 , SI-F-01			
18	DUP	S96T001296	0	F	@ICP-F01	SOLID		
19	SPK	S96T001296	0	F	@ICP-F01	SOLID		
20	ICSA				@ICP-QC	QC		
21	ICSAB				@ICP-QC	QC		
22	CCV				@ICP-QC	QC		
23	CCB				@ICP-QC	QC		

Final page for worklist # 7521

Analyst Signature: [illegible] Date: 4-11-96

Reviewed by: Analyst Signature: [illegible] Date: 4/12/96

PREPARATION BLK	.250-L-10-L ~~[illegible]~~ 4-11-96	DF 1
S96T001285-L	.250-L-10-L-2-L-8-L	205
S96T001285	.250-L-10-L	41
S96T001285-D	.250-L-10-L	41
S96T001285-A	.250-L-2-L-8-L	41
S96T001291-L	.250-L-10-L-2-L-8-L	205
S96T001291	.250-L-10-L	41
S96T001291-D	.250-L-10-L	41
S96T001291-A	.250-L-2-L-8-L	41
S96T001286-L	.250-L-10-L-2-L-8-L	205
S96T001286	.250-L-10-L	41
S96T001286-D	.250-L-10-L	41
S96T001286-A	.250-L-2-L-8-L	41

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 7521

Analyst: bjg **Instrument:** ICP01 **Book#** 53B48B

Method: LA-505-151 Rev/Mod D-3

Worklist Comment: ICP U-105 (FUSION)

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
1	ICV		0		@ICP-QC AG	QC	5.0	4.89e+00	97.800	% Recovery
1	ICV		0		@ICP-QC AL	QC	5.0	4.89e+00	97.800	% Recovery
1	ICV		0		@ICP-QC AS	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0		@ICP-QC B	QC	5.0	5.11e+00	102.200	% Recovery
1	ICV		0		@ICP-QC BA	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0		@ICP-QC BE	QC	5.0	5.16e+00	103.200	% Recovery
1	ICV		0		@ICP-QC BI	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV		0		@ICP-QC CA	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV		0		@ICP-QC CD	QC	5.0	4.96e+00	99.200	% Recovery
1	ICV		0		@ICP-QC CE	QC	5.0	5.15e+00	103.000	% Recovery
1	ICV		0		@ICP-QC CO	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV		0		@ICP-QC CR	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV		0		@ICP-QC CU	QC	5.0	5.09e+00	101.800	% Recovery
1	ICV		0		@ICP-QC FE	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0		@ICP-QC K	QC	5.0	5.00e+00	100.000	% Recovery
1	ICV		0		@ICP-QC LA	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0		@ICP-QC LI	QC	5.0	5.09e+00	101.800	% Recovery
1	ICV		0		@ICP-QC MG	QC	5.0	4.78e+00	95.600	% Recovery
1	ICV		0		@ICP-QC MN	QC	5.0	4.96e+00	99.200	% Recovery
1	ICV		0		@ICP-QC MO	QC	5.0	4.96e+00	99.200	% Recovery
1	ICV		0		@ICP-QC NA	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0		@ICP-QC ND	QC	5.0	5.29e+00	105.800	% Recovery
1	ICV		0		@ICP-QC NI	QC	5.0	4.96e+00	99.200	% Recovery
1	ICV		0		@ICP-QC P	QC	5.0	4.96e+00	99.200	% Recovery
1	ICV		0		@ICP-QC PB	QC	5.0	4.92e+00	98.400	% Recovery
1	ICV		0		@ICP-QC S	QC	5.0	4.89e+00	97.800	% Recovery
1	ICV		0		@ICP-QC SB	QC	5.0	4.69e+00	93.800	% Recovery
1	ICV		0		@ICP-QC SE	QC	5.0	5.17e+00	103.400	% Recovery
1	ICV		0		@ICP-QC SI	QC	5.0	4.75e+00	95.000	% Recovery
1	ICV		0		@ICP-QC SM	QC	5.0	5.10e+00	102.000	% Recovery
1	ICV		0		@ICP-QC SR	QC	5.0	5.00e+00	100.000	% Recovery
1	ICV		0		@ICP-QC TI	QC	5.0	4.86e+00	97.200	% Recovery
1	ICV		0		@ICP-QC TL	QC	5.0	4.87e+00	97.400	% Recovery
1	ICV		0		@ICP-QC U	QC	10.0	1.01e+01	101.000	% Recovery
1	ICV		0		@ICP-QC V	QC	5.0	5.05e+00	101.000	% Recovery
1	ICV		0		@ICP-QC ZN	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0		@ICP-QC ZR	QC	5.0	4.96e+00	99.200	% Recovery
2	ICB		0		@ICP-QC AG	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC AL	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC AS	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC B	QC	1	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
2	ICB		0	@ICP-QC	BA	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	BE	QC	1	<5.00e-3		ug/g
2	ICB		0	@ICP-QC	BI	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CA	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CD	QC	1	<5.00e-3		ug/g
2	ICB		0	@ICP-QC	CE	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CO	QC	1	<2.00e-2		ug/g
2	ICB		0	@ICP-QC	CR	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	CU	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	FE	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	K	QC	1	<5.00e-1		ug/g
2	ICB		0	@ICP-QC	LA	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	LI	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	MG	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	MN	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	MO	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	NA	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	ND	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	NI	QC	1	<2.00e-2		ug/g
2	ICB		0	@ICP-QC	P	QC	1	<2.00e-1		ug/g
2	ICB		0	@ICP-QC	PB	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	S	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SB	QC	1	<6.00e-2		ug/g
2	ICB		0	@ICP-QC	SE	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SI	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	SM	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SR	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	TI	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	TL	QC	1	<2.00e-1		ug/g
2	ICB		0	@ICP-QC	U	QC	1	<5.00e-1		ug/g
2	ICB		0	@ICP-QC	V	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	ZN	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	AG	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	AL	QC	200	1.96e+02	98.000	% Recovery
3	ICSA		0	@ICP-QC	AS	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	B	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	BA	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	BE	QC	1	<5.00e-3		ug/g
3	ICSA		0	@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
3	ICSA		0	@ICP-QC	CD	QC	1	<5.00e-3		ug/g
3	ICSA		0	@ICP-QC	CE	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	CO	QC	1	<2.00e-2		ug/g
3	ICSA		0	@ICP-QC	CR	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	CU	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	FE	QC	100.	9.52e+01	95.200	% Recovery
3	ICSA		0	@ICP-QC	K	QC	1	<5.00e-1		ug/g
3	ICSA		0	@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
3	ICSA		0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	MG	QC	100.	9.87e+01	98.700	% Recovery
3	ICSA		0		@ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC	NA	QC	200	2.01e+02	100.500	% Recovery
3	ICSA		0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
3	ICSA		0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
3	ICSA		0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
3	ICSA		0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
3	ICSA		0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
3	ICSA		0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC	AG	QC	1.0	1.01e+00	101.000	% Recovery
4	ICSAB		0		@ICP-QC	AL	QC	200	1.95e+02	97.500	% Recovery
4	ICSAB		0		@ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	B	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	BA	QC	0.5	5.16e-01	103.200	% Recovery
4	ICSAB		0		@ICP-QC	BE	QC	0.5	5.02e-01	100.400	% Recovery
4	ICSAB		0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	CA	QC	100.	1.04e+02	104.000	% Recovery
4	ICSAB		0		@ICP-QC	CD	QC	1.0	9.77e-01	97.700	% Recovery
4	ICSAB		0		@ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	CO	QC	0.5	4.79e-01	95.800	% Recovery
4	ICSAB		0		@ICP-QC	CR	QC	0.5	4.89e-01	97.800	% Recovery
4	ICSAB		0		@ICP-QC	CU	QC	0.5	5.17e-01	103.400	% Recovery
4	ICSAB		0		@ICP-QC	FE	QC	100	9.59e+01	95.900	% Recovery
4	ICSAB		0		@ICP-QC	K	QC	1.0	<5.00e-1		ug/g
4	ICSAB		0		@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	LI	QC	1.0	9.89e-01	98.900	% Recovery
4	ICSAB		0		@ICP-QC	MG	QC	100.	9.84e+01	98.400	% Recovery
4	ICSAB		0		@ICP-QC	MN	QC	0.5	4.91e-01	98.200	% Recovery
4	ICSAB		0		@ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	NA	QC	200	2.00e+02	100.000	% Recovery
4	ICSAB		0		@ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	NI	QC	1.0	9.54e-01	95.400	% Recovery
4	ICSAB		0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
4	ICSAB		0		@ICP-QC	PB	QC	1.0	9.90e-01	99.000	% Recovery
4	ICSAB		0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
4	ICSAB		0		@ICP-QC	SE	QC	1.0	<1.00e-1		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A		Test	Matrix	Actual		Found	DL or Yield	Unit
4	ICSAB		0		@ICP-QC	SI	QC	1.0		<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	SM	QC	1.0		<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	SR	QC	1.0		<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC	TI	QC	1.0		<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC	TL	QC	1.0		<2.00e-1		ug/g
4	ICSAB		0		@ICP-QC	U	QC	1.0		<5.00e-1		ug/g
4	ICSAB		0		@ICP-QC	V	QC	0.5		4.95e-01	99.000	% Recovery
4	ICSAB		0		@ICP-QC	ZN	QC	1.0		9.76e-01	97.600	% Recovery
4	ICSAB		0		@ICP-QC	ZR	QC	1.0		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	AG-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	AL-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	AS-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	B-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	BA-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	BE-F-01	SOLID	1		<5.00e-3		ug/g
5	PREPBLKARL		0		@ICP-F01	BI-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	CA-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	CD-F-01	SOLID	1		<5.00e-3		ug/g
5	PREPBLKARL		0		@ICP-F01	CE-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	CO-F-01	SOLID	1		<2.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	CR-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	CU-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	FE-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	LA-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	LI-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	MG-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	MN-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	MO-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	NA-F-01	SOLID	1		1.58e-01	0.160	ug/g
5	PREPBLKARL		0		@ICP-F01	ND-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	NI-F-01	SOLID	1		2.06e-01	0.210	ug/g
5	PREPBLKARL		0		@ICP-F01	P-F-01	SOLID	1		<2.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	PB-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	S-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	SB-F-01	SOLID	1		<6.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	SE-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	SI-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	SM-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	SR-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	TL-F-01	SOLID	1		<2.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	U-F-01	SOLID	1		<5.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	V-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	ZN-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	ZR-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	TI-F-01	SOLID	1		<1.00e-2		ug/g
6	SAMPLE	S96T001285	0	F	@ICP-F01	AL-F-01	SOLID	N/A		3.24e+04	1.090e+003	ug/g
6	SAMPLE	S96T001285	0	F	@ICP-F01	BI-F-01	SOLID	N/A	<	2.18e+03	2.180e+003	ug/g
6	SAMPLE	S96T001285	0	F	@ICP-F01	FE-F-01	SOLID	N/A		1.47e+04	1.090e+003	ug/g
6	SAMPLE	S96T001285	0	F	@ICP-F01	LI-F-01	SOLID	N/A	<	2.18e+02	218.000	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
6	SAMPLE	S96T001285	0	F	@ICP-F01	NA-F-01	SOLID	N/A	1.80e+05	2.180e+003	ug/g
6	SAMPLE	S96T001285	0	F	@ICP-F01	P-F-01	SOLID	N/A <	4.36e+03	4.360e+003	ug/g
6	SAMPLE	S96T001285	0	F	@ICP-F01	SI-F-01	SOLID	N/A <	1.09e+03	1.090e+003	ug/g
7	DUP	S96T001285	0	F	@ICP-F01	AL-F-01	SOLID	3.24e+04	4.06e+04	22.470	RPD
7	DUP	S96T001285	0	F	@ICP-F01	BI-F-01	SOLID	<2.18e3	<2.22e3		RPD
7	DUP	S96T001285	0	F	@ICP-F01	FE-F-01	SOLID	1.47e+04	2.85e+03	135.040	RPD
7	DUP	S96T001285	0	F	@ICP-F01	LI-F-01	SOLID	<2.18e2	<2.22e2		RPD
7	DUP	S96T001285	0	F	@ICP-F01	NA-F-01	SOLID	1.80e+05	1.81e+05	0.550	RPD
7	DUP	S96T001285	0	F	@ICP-F01	P-F-01	SOLID	<4.36e3	<4.43e3		RPD
7	DUP	S96T001285	0	F	@ICP-F01	SI-F-01	SOLID	<1.09e3	<1.11e3		RPD
8	SPK	S96T001285	0	F	@ICP-F01	AL-F-01	SOLID	1	0.947	94.700	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	BI-F-01	SOLID	1	0.971	97.100	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	FE-F-01	SOLID	1	0.976	97.600	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	LI-F-01	SOLID	1	0.998	99.800	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	LI-F-01	SOLID	1	0.998	99.800	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	NA-F-01	SOLID	1	1.066	106.600	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	NA-F-01	SOLID	1	1.066	106.600	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	P-F-01	SOLID	1	1.073	107.300	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	P-F-01	SOLID	1	1.073	107.300	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	SI-F-01	SOLID	1	0.988	98.800	% Recovery
8	SPK	S96T001285	0	F	@ICP-F01	SI-F-01	SOLID	1	0.988	98.800	% Recovery
9	CCV		0		@ICP-QC	AG	QC	5.0	4.85e+00	97.000	% Recovery
9	CCV		0		@ICP-QC	AL	QC	5.0	4.87e+00	97.400	% Recovery
9	CCV		0		@ICP-QC	AS	QC	5.0	4.99e+00	99.800	% Recovery
9	CCV		0		@ICP-QC	B	QC	5.0	5.14e+00	102.800	% Recovery
9	CCV		0		@ICP-QC	BA	QC	5.0	5.03e+00	100.600	% Recovery
9	CCV		0		@ICP-QC	BE	QC	5.0	5.14e+00	102.800	% Recovery
9	CCV		0		@ICP-QC	BI	QC	5.0	4.93e+00	98.600	% Recovery
9	CCV		0		@ICP-QC	CA	QC	5.0	4.97e+00	99.400	% Recovery
9	CCV		0		@ICP-QC	CD	QC	5.0	4.88e+00	97.600	% Recovery
9	CCV		0		@ICP-QC	CE	QC	5.0	5.04e+00	100.800	% Recovery
9	CCV		0		@ICP-QC	CO	QC	5.0	4.85e+00	97.000	% Recovery
9	CCV		0		@ICP-QC	CR	QC	5.0	4.85e+00	97.000	% Recovery
9	CCV		0		@ICP-QC	CU	QC	5.0	5.14e+00	102.800	% Recovery
9	CCV		0		@ICP-QC	FE	QC	5.0	5.02e+00	100.400	% Recovery
9	CCV		0		@ICP-QC	K	QC	5.0	5.28e+00	105.600	% Recovery
9	CCV		0		@ICP-QC	LA	QC	5.0	5.04e+00	100.800	% Recovery
9	CCV		0		@ICP-QC	LI	QC	5.0	5.26e+00	105.200	% Recovery
9	CCV		0		@ICP-QC	MG	QC	5.0	4.67e+00	93.400	% Recovery
9	CCV		0		@ICP-QC	MN	QC	5.0	4.90e+00	98.000	% Recovery
9	CCV		0		@ICP-QC	MO	QC	5.0	4.83e+00	96.600	% Recovery
9	CCV		0		@ICP-QC	NA	QC	5.0	5.23e+00	104.600	% Recovery
9	CCV		0		@ICP-QC	ND	QC	5.0	5.40e+00	108.000	% Recovery
9	CCV		0		@ICP-QC	NI	QC	5.0	4.88e+00	97.600	% Recovery
9	CCV		0		@ICP-QC	P	QC	5.0	4.91e+00	98.200	% Recovery
9	CCV		0		@ICP-QC	PB	QC	5.0	4.95e+00	99.000	% Recovery
9	CCV		0		@ICP-QC	S	QC	5.0	4.82e+00	96.400	% Recovery
9	CCV		0		@ICP-QC	SB	QC	5.0	4.71e+00	94.200	% Recovery
9	CCV		0		@ICP-QC	SE	QC	5.0	5.09e+00	101.800	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
9	CCV		0		@ICP-QC	SI	QC	5.0	4.69e+00	93.800	% Recovery
9	CCV		0		@ICP-QC	SM	QC	5.0	5.13e+00	102.600	% Recovery
9	CCV		0		@ICP-QC	SR	QC	5.0	4.98e+00	99.600	% Recovery
9	CCV		0		@ICP-QC	TI	QC	5.0	4.81e+00	96.200	% Recovery
9	CCV		0		@ICP-QC	TL	QC	5.0	4.87e+00	97.400	% Recovery
9	CCV		0		@ICP-QC	U	QC	10.0	1.01e+01	101.000	% Recovery
9	CCV		0		@ICP-QC	V	QC	5.0	5.00e+00	100.000	% Recovery
9	CCV		0		@ICP-QC	ZN	QC	5.0	4.95e+00	99.000	% Recovery
9	CCV		0		@ICP-QC	ZR	QC	5.0	4.94e+00	98.800	% Recovery
10	CCB		0		@ICP-QC	AG	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	AL	QC	1	<5.00e-2		ug/g
10	CCB		0		@ICP-QC	AS	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	B	QC	1	<5.00e-2		ug/g
10	CCB		0		@ICP-QC	BA	QC	1	<5.00e-2		ug/g
10	CCB		0		@ICP-QC	BE	QC	1	<5.00e-3		ug/g
10	CCB		0		@ICP-QC	BI	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CA	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CD	QC	1	<5.00e-3		ug/g
10	CCB		0		@ICP-QC	CE	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CO	QC	1	<2.00e-2		ug/g
10	CCB		0		@ICP-QC	CR	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	FE	QC	1	<5.00e-2		ug/g
10	CCB		0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
10	CCB		0		@ICP-QC	LA	QC	1	<5.00e-2		ug/g
10	CCB		0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	MG	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	MN	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
10	CCB		0		@ICP-QC	NA	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
10	CCB		0		@ICP-QC	P	QC	1	<2.00e-1		ug/g
10	CCB		0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	S	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
10	CCB		0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
10	CCB		0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	TL	QC	1	<2.00e-1		ug/g
10	CCB		0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
10	CCB		0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
10	CCB		0		@ICP-QC	ZN	QC	1	<1.00e-2		ug/g
10	CCB		0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
11	SAMPLE	S96T001291	0	F	@ICP-F01	AL-F-01	SOLID	N/A	1.73e+04	980.000	ug/g
11	SAMPLE	S96T001291	0	F	@ICP-F01	BI-F-01	SOLID	N/A <	1.96e+03	1.960e+003	ug/g
11	SAMPLE	S96T001291	0	F	@ICP-F01	FE-F-01	SOLID	N/A <	9.80e+02	980.000	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
11	SAMPLE	S96T001291	0	F	@ICP-F01	LI-F-01	SOLID	N/A <	1.96e+02	196.000	ug/g
11	SAMPLE	S96T001291	0	F	@ICP-F01	NA-F-01	SOLID	N/A	2.15e+05	1.960e+003	ug/g
11	SAMPLE	S96T001291	0	F	@ICP-F01	P-F-01	SOLID	N/A <	3.92e+03	3.920e+003	ug/g
11	SAMPLE	S96T001291	0	F	@ICP-F01	SI-F-01	SOLID	N/A	1.16e+03	980.000	ug/g
12	DUP	S96T001291	0	F	@ICP-F01	AL-F-01	SOLID	1.73e+04	1.72e+04	0.580	RPD
12	DUP	S96T001291	0	F	@ICP-F01	BI-F-01	SOLID	<1.96e3	<2.00e3		RPD
12	DUP	S96T001291	0	F	@ICP-F01	FE-F-01	SOLID	<9.80e2	<1.00e3		RPD
12	DUP	S96T001291	0	F	@ICP-F01	LI-F-01	SOLID	<1.96e2	<2.00e2		RPD
12	DUP	S96T001291	0	F	@ICP-F01	NA-F-01	SOLID	2.15e+05	2.13e+05	0.930	RPD
12	DUP	S96T001291	0	F	@ICP-F01	P-F-01	SOLID	<3.92e3	<4.01e3		RPD
12	DUP	S96T001291	0	F	@ICP-F01	SI-F-01	SOLID	1.16e+03	1.21e+03	4.220	RPD
13	SPK	S96T001291	0	F	@ICP-F01	AL-F-01	SOLID	1	0.961	96.100	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	BI-F-01	SOLID	1	0.980	98.000	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	FE-F-01	SOLID	1	1.015	101.500	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	LI-F-01	SOLID	1	0.949	94.900	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	LI-F-01	SOLID	1	0.949	94.900	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	NA-F-01	SOLID	1	0.806	80.600	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	NA-F-01	SOLID	1	0.806	80.600	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	P-F-01	SOLID	1	1.068	106.800	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	P-F-01	SOLID	1	1.068	106.800	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	SI-F-01	SOLID	1	0.936	93.600	% Recovery
13	SPK	S96T001291	0	F	@ICP-F01	SI-F-01	SOLID	1	0.936	93.600	% Recovery
14	SAMPLE	S96T001296	0	F	@ICP-F01	AL-F-01	SOLID	N/A	1.74e+04	976.000	ug/g
14	SAMPLE	S96T001296	0	F	@ICP-F01	BI-F-01	SOLID	N/A <	1.95e+03	1.950e+003	ug/g
14	SAMPLE	S96T001296	0	F	@ICP-F01	FE-F-01	SOLID	N/A <	9.76e+02	976.000	ug/g
14	SAMPLE	S96T001296	0	F	@ICP-F01	LI-F-01	SOLID	N/A <	1.95e+02	195.000	ug/g
14	SAMPLE	S96T001296	0	F	@ICP-F01	NA-F-01	SOLID	N/A	2.05e+05	1.950e+003	ug/g
14	SAMPLE	S96T001296	0	F	@ICP-F01	P-F-01	SOLID	N/A <	3.91e+03	3.910e+003	ug/g
14	SAMPLE	S96T001296	0	F	@ICP-F01	SI-F-01	SOLID	N/A <	9.76e+02	976.000	ug/g
15	DUP	S96T001296	0	F	@ICP-F01	AL-F-01	SOLID	1.74e+04	1.73e+04	0.580	RPD
15	DUP	S96T001296	0	F	@ICP-F01	BI-F-01	SOLID	<1.95e3	<2.08e3		RPD
15	DUP	S96T001296	0	F	@ICP-F01	FE-F-01	SOLID	<9.76e2	<1.04e3		RPD
15	DUP	S96T001296	0	F	@ICP-F01	LI-F-01	SOLID	<1.95e2	<2.08e2		RPD
15	DUP	S96T001296	0	F	@ICP-F01	NA-F-01	SOLID	2.05e+05	1.99e+05	2.970	RPD
15	DUP	S96T001296	0	F	@ICP-F01	P-F-01	SOLID	<3.91e3	<4.16e3		RPD
15	DUP	S96T001296	0	F	@ICP-F01	SI-F-01	SOLID	<9.76e2	<1.04e3		RPD
16	SPK	S96T001296	0	F	@ICP-F01	AL-F-01	SOLID	1	0.928	92.800	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	BI-F-01	SOLID	1	0.983	98.300	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	FE-F-01	SOLID	1	1.039	103.900	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	LI-F-01	SOLID	1	0.941	94.100	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	LI-F-01	SOLID	1	0.941	94.100	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	NA-F-01	SOLID	1	0.648	64.800	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	NA-F-01	SOLID	1	0.648	64.800	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	P-F-01	SOLID	1	1.078	107.800	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	P-F-01	SOLID	1	1.078	107.800	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	SI-F-01	SOLID	1	0.966	96.600	% Recovery
16	SPK	S96T001296	0	F	@ICP-F01	SI-F-01	SOLID	1	0.966	96.600	% Recovery
17	ICSA		0		@ICP-QC	AG	QC	1	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC	AL	QC	200	1.94e+02	97.000	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
17	ICSA		0		@ICP-QC	AS	QC	1	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC	B	QC	1	<5.00e-2		ug/g
17	ICSA		0		@ICP-QC	BA	QC	1	<5.00e-2		ug/g
17	ICSA		0		@ICP-QC	BE	QC	1	<5.00e-3		ug/g
17	ICSA		0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC	CA	QC	100.	1.04e+02	104.000	% Recovery
17	ICSA		0		@ICP-QC	CD	QC	1	<5.00e-3		ug/g
17	ICSA		0		@ICP-QC	CE	QC	1	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC	CO	QC	1	<2.00e-2		ug/g
17	ICSA		0		@ICP-QC	CR	QC	1	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC	FE	QC	100.	9.68e+01	96.800	% Recovery
17	ICSA		0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
17	ICSA		0		@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
17	ICSA		0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC	MG	QC	100.	1.00e+02	100.000	% Recovery
17	ICSA		0		@ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
17	ICSA		0		@ICP-QC	NA	QC	200	1.92e+02	96.000	% Recovery
17	ICSA		0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
17	ICSA		0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
17	ICSA		0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
17	ICSA		0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
17	ICSA		0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
17	ICSA		0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
17	ICSA		0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
17	ICSA		0		@ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
18	ICSAB		0		@ICP-QC	AG	QC	1.0	1.00e+00	100.000	% Recovery
18	ICSAB		0		@ICP-QC	AL	QC	200	1.93e+02	96.500	% Recovery
18	ICSAB		0		@ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0		@ICP-QC	B	QC	1.0	<5.00e-2		ug/g
18	ICSAB		0		@ICP-QC	BA	QC	0.5	5.09e-01	101.800	% Recovery
18	ICSAB		0		@ICP-QC	BE	QC	0.5	4.99e-01	99.800	% Recovery
18	ICSAB		0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0		@ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
18	ICSAB		0		@ICP-QC	CD	QC	1.0	9.73e-01	97.300	% Recovery
18	ICSAB		0		@ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0		@ICP-QC	CO	QC	0.5	4.84e-01	96.800	% Recovery
18	ICSAB		0		@ICP-QC	CR	QC	0.5	4.89e-01	97.800	% Recovery
18	ICSAB		0		@ICP-QC	CU	QC	0.5	5.05e-01	101.000	% Recovery
18	ICSAB		0		@ICP-QC	FE	QC	100	9.59e+01	95.900	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
18	ICSAB		0	@ICP-QC	K	QC	1.0	<5.00e-1		ug/g
18	ICSAB		0	@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
18	ICSAB		0	@ICP-QC	LI	QC	1.0	9.51e-01	95.100	% Recovery
18	ICSAB		0	@ICP-QC	MG	QC	100.	9.90e+01	99.000	% Recovery
18	ICSAB		0	@ICP-QC	MN	QC	0.5	4.90e-01	98.000	% Recovery
18	ICSAB		0	@ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
18	ICSAB		0	@ICP-QC	NA	QC	200	1.94e+02	97.000	% Recovery
18	ICSAB		0	@ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0	@ICP-QC	NI	QC	1.0	9.57e-01	95.700	% Recovery
18	ICSAB		0	@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
18	ICSAB		0	@ICP-QC	PB	QC	1.0	9.83e-01	98.300	% Recovery
18	ICSAB		0	@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0	@ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
18	ICSAB		0	@ICP-QC	SE	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0	@ICP-QC	SI	QC	1.0	<5.00e-2		ug/g
18	ICSAB		0	@ICP-QC	SM	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0	@ICP-QC	SR	QC	1.0	<1.00e-2		ug/g
18	ICSAB		0	@ICP-QC	TI	QC	1.0	<1.00e-2		ug/g
18	ICSAB		0	@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
18	ICSAB		0	@ICP-QC	U	QC	1.0	<5.00e-1		ug/g
18	ICSAB		0	@ICP-QC	V	QC	0.5	4.91e-01	98.200	% Recovery
18	ICSAB		0	@ICP-QC	ZN	QC	1.0	9.74e-01	97.400	% Recovery
18	ICSAB		0	@ICP-QC	ZR	QC	1.0	<1.00e-2		ug/g
19	CCV		0	@ICP-QC	AG	QC	5.0	4.90e+00	98.000	% Recovery
19	CCV		0	@ICP-QC	AL	QC	5.0	4.91e+00	98.200	% Recovery
19	CCV		0	@ICP-QC	AS	QC	5.0	5.03e+00	100.600	% Recovery
19	CCV		0	@ICP-QC	B	QC	5.0	5.10e+00	102.000	% Recovery
19	CCV		0	@ICP-QC	BA	QC	5.0	4.96e+00	99.200	% Recovery
19	CCV		0	@ICP-QC	BE	QC	5.0	5.14e+00	102.800	% Recovery
19	CCV		0	@ICP-QC	BI	QC	5.0	4.97e+00	99.400	% Recovery
19	CCV		0	@ICP-QC	CA	QC	5.0	4.95e+00	99.000	% Recovery
19	CCV		0	@ICP-QC	CD	QC	5.0	4.96e+00	99.200	% Recovery
19	CCV		0	@ICP-QC	CE	QC	5.0	5.07e+00	101.400	% Recovery
19	CCV		0	@ICP-QC	CO	QC	5.0	4.98e+00	99.600	% Recovery
19	CCV		0	@ICP-QC	CR	QC	5.0	4.96e+00	99.200	% Recovery
19	CCV		0	@ICP-QC	CU	QC	5.0	5.03e+00	100.600	% Recovery
19	CCV		0	@ICP-QC	FE	QC	5.0	5.12e+00	102.400	% Recovery
19	CCV		0	@ICP-QC	K	QC	5.0	5.12e+00	102.400	% Recovery
19	CCV		0	@ICP-QC	LA	QC	5.0	5.03e+00	100.600	% Recovery
19	CCV		0	@ICP-QC	LI	QC	5.0	4.97e+00	99.400	% Recovery
19	CCV		0	@ICP-QC	MG	QC	5.0	4.81e+00	96.200	% Recovery
19	CCV		0	@ICP-QC	MN	QC	5.0	4.98e+00	99.600	% Recovery
19	CCV		0	@ICP-QC	MO	QC	5.0	4.93e+00	98.600	% Recovery
19	CCV		0	@ICP-QC	NA	QC	5.0	5.06e+00	101.200	% Recovery
19	CCV		0	@ICP-QC	ND	QC	5.0	5.29e+00	105.800	% Recovery
19	CCV		0	@ICP-QC	NI	QC	5.0	4.97e+00	99.400	% Recovery
19	CCV		0	@ICP-QC	P	QC	5.0	5.07e+00	101.400	% Recovery
19	CCV		0	@ICP-QC	PB	QC	5.0	4.99e+00	99.800	% Recovery
19	CCV		0	@ICP-QC	S	QC	5.0	4.94e+00	98.800	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
19	CCV	0		@ICP-QC	SB	QC	5.0	4.72e+00	94.400	% Recovery
19	CCV	0		@ICP-QC	SE	QC	5.0	5.10e+00	102.000	% Recovery
19	CCV	0		@ICP-QC	SI	QC	5.0	4.73e+00	94.600	% Recovery
19	CCV	0		@ICP-QC	SM	QC	5.0	5.03e+00	100.600	% Recovery
19	CCV	0		@ICP-QC	SR	QC	5.0	4.95e+00	99.000	% Recovery
19	CCV	0		@ICP-QC	TI	QC	5.0	4.82e+00	96.400	% Recovery
19	CCV	0		@ICP-QC	TL	QC	5.0	4.89e+00	97.800	% Recovery
19	CCV	0		@ICP-QC	U	QC	10.0	9.90e+00	99.000	% Recovery
19	CCV	0		@ICP-QC	V	QC	5.0	5.05e+00	101.000	% Recovery
19	CCV	0		@ICP-QC	ZN	QC	5.0	5.05e+00	101.000	% Recovery
19	CCV	0		@ICP-QC	ZR	QC	5.0	4.94e+00	98.800	% Recovery
20	CCB	0		@ICP-QC	AG	QC	1	<1.00e-2		ug/g
20	CCB	0		@ICP-QC	AL	QC	1	<5.00e-2		ug/g
20	CCB	0		@ICP-QC	AS	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	B	QC	1	<5.00e-2		ug/g
20	CCB	0		@ICP-QC	BA	QC	1	<5.00e-2		ug/g
20	CCB	0		@ICP-QC	BE	QC	1	<5.00e-3		ug/g
20	CCB	0		@ICP-QC	BI	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	CA	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	CD	QC	1	<5.00e-3		ug/g
20	CCB	0		@ICP-QC	CE	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	CO	QC	1	<2.00e-2		ug/g
20	CCB	0		@ICP-QC	CR	QC	1	<1.00e-2		ug/g
20	CCB	0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
20	CCB	0		@ICP-QC	FE	QC	1	<5.00e-2		ug/g
20	CCB	0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
20	CCB	0		@ICP-QC	LA	QC	1	<5.00e-2		ug/g
20	CCB	0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
20	CCB	0		@ICP-QC	MG	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	MN	QC	1	<1.00e-2		ug/g
20	CCB	0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
20	CCB	0		@ICP-QC	NA	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
20	CCB	0		@ICP-QC	P	QC	1	<2.00e-1		ug/g
20	CCB	0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	S	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
20	CCB	0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
20	CCB	0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
20	CCB	0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
20	CCB	0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
20	CCB	0		@ICP-QC	TL	QC	1	<2.00e-1		ug/g
20	CCB	0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
20	CCB	0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
20	CCB	0		@ICP-QC	ZN	QC	1	<1.00e-2		ug/g
20	CCB	0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7521

Seq Type	Sample# R A	Test	Matrix	Actual	Found	DL or Yield	Unit

Final page for worklist# 7521

Analyst Signature Date

Analyst Signature Date

Reviewer Signature Date 4/12/96

Units shown for QC (BLK/BKG) may not reflect the actual units.

Identity 1: ICV Identity 2: Quality Control 1:16 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.958	5.004	4.973	4.751	4.889	4.965	5.086	5.090
S.D.	0.012	0.017	0.012	0.020	0.015	0.022	0.011	0.015
% R.S.D.	0.247	0.332	0.245	0.411	0.308	0.446	0.220	0.288

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.026	4.960	5.033	5.044	4.971	4.944	5.288	10.098
S.D.	0.018	0.008	0.020	0.011	0.011	0.015	0.050	0.008
% R.S.D.	0.363	0.166	0.389	0.215	0.215	0.313	0.951	0.083

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.153	5.096	5.026	4.956	4.892	4.780	5.039	5.036
S.D.	0.027	0.005	0.016	0.068	0.043	0.018	0.018	0.017
% R.S.D.	0.528	0.096	0.312	1.370	0.880	0.383	0.361	0.328

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.955	5.168	4.888	4.919	4.864	4.955	5.112	4.997
S.D.	0.034	0.042	0.011	0.024	0.016	0.012	0.008	0.028
% R.S.D.	0.694	0.810	0.217	0.482	0.338	0.233	0.158	0.560

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.958	4.693	5.050	5.163	4.875
S.D.	0.011	0.022	0.013	0.015	0.006
% R.S.D.	0.213	0.465	0.263	0.288	0.123

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 931 TO 953.

[signature]
4-11-96
U-105 Fusion Digest
S96T00 1285, 1291, 1296
[illegible]
FILE # 960411A.DAT

Identity 1: ICB Identity 2: Quality Control 1:22 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.002	0.005	0.003	0.009	0.006	0.002	0.002
S.D.	0.002	0.002	0.005	0.001	0.002	0.003	0.002	0.002
% R.S.D.	356.024	116.050	106.879	22.873	17.442	57.808	83.346	104.164

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.003	0.005	0.004	0.004	0.005	-0.002	0.047
S.D.	0.002	0.004	0.002	0.002	0.002	0.001	0.008	0.029
% R.S.D.	167.748	107.560	45.442	52.410	51.864	24.906	361.780	62.971

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.039	-0.008	0.002	0.021	0.004	0.001	-0.002	0.006
S.D.	0.013	0.006	0.002	0.015	0.006	0.002	0.004	0.003
% R.S.D.	34.144	78.368	93.921	73.773	150.798	135.552	174.535	49.497

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.003	-0.021	0.003	0.015	0.001	0.001	0.001	-0.123
S.D.	0.002	0.010	0.001	0.008	0.002	0.001	0.003	0.009
% R.S.D.	52.713	45.034	44.300	50.613	119.367	184.801	230.497	7.564

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.016	0.003	0.001	0.036
S.D.	0.002	0.012	0.001	0.002	0.010
% R.S.D.	110.503	78.469	45.007	135.106	28.952

Identity 1: ICSA Identity 2: Quality Control 1:26 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.002	0.002	0.003	0.015	195.783	0.001	0.002	-0.000
S.D.	0.001	0.000	0.013	0.003	1.031	0.002	0.000	0.000
% R.S.D.	43.310	3.535	492.831	19.558	0.526	151.635	29.577	94.200

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.004	0.009	0.005	95.193	103.185	0.002	-0.022	0.091
S.D.	0.001	0.001	0.002	0.169	0.333	0.001	0.009	0.029
% R.S.D.	12.275	13.859	32.925	0.178	0.323	63.867	40.111	31.489

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.007	0.023	0.003	0.029	0.010	98.658	0.052	201.348
S.D.	0.007	0.008	0.000	0.018	0.010	0.538	0.004	2.040
% R.S.D.	94.851	34.022	5.634	63.768	102.190	0.545	7.338	1.013

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	0.016	0.003	0.020	0.001	0.000	0.011	-0.278
S.D.	0.000	0.017	0.001	0.018	0.000	0.000	0.001	0.003
% R.S.D.	9.093	107.730	27.183	91.240	12.530	743.243	10.082	1.076

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.019	0.000	0.003	0.038
S.D.	0.000	0.012	0.000	0.000	0.014
% R.S.D.	20.146	64.301	977.840	0.135	35.775

Identity 1: ICSA8 Identity 2: Quality Control 1:29 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.003	-0.029	0.013	195.179	0.479	0.517	0.989
S.D.	0.001	0.000	0.012	0.001	0.080	0.003	0.001	0.008
% R.S.D.	47.273	2.624	41.848	5.442	0.041	0.708	0.122	0.835

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.976	0.954	0.004	95.933	103.661	0.489	0.009	0.018
S.D.	0.003	0.008	0.002	0.312	0.199	0.005	0.009	0.044
% R.S.D.	0.280	0.800	53.601	0.325	0.192	1.033	105.949	251.117

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.059	0.003	0.516	0.022	0.013	98.422	0.054	199.562
S.D.	0.011	0.006	0.000	0.015	0.013	0.364	0.005	1.513
% R.S.D.	17.902	221.850	0.059	70.940	100.902	0.369	9.453	0.758

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	0.005	1.009	0.990	0.000	0.977	0.011	-0.206
S.D.	0.001	0.012	0.003	0.009	0.000	0.005	0.001	0.020
% R.S.D.	102.364	232.232	0.271	0.943	254.318	0.471	12.472	9.569

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.491	0.012	0.495	0.502	0.067
S.D.	0.002	0.026	0.003	0.001	0.023
% R.S.D.	0.499	218.175	0.597	0.269	34.293

Identity 1: prepblkarl Identity 2 .250ml-10ml 1:33 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.004	0.001	-0.001	-0.017	0.037	0.011	0.002	0.001
S.D.	0.002	0.000	0.013	0.002	0.038	0.002	0.001	0.000
% R.S.D.	42.085	16.898	1627.089	11.035	102.774	15.767	36.864	19.155

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.002	0.206	-0.003	0.017	0.037	0.002	0.001	-0.128
S.D.	0.001	0.002	0.001	0.016	0.016	0.001	0.013	0.054
% R.S.D.	28.612	0.968	48.034	94.524	44.033	58.192	1772.970	42.197

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.062	-0.019	0.002	0.026	0.000	0.013	-0.004	0.158
S.D.	0.010	0.009	0.000	0.003	0.005	0.015	0.004	0.032
% R.S.D.	15.865	48.361	14.377	11.288	1274.948	114.556	99.645	20.519

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.022	0.004	0.017	-0.001	0.000	-0.002	332.345
S.D.	0.000	0.005	0.001	0.013	0.001	0.001	0.000	2.619
% R.S.D.	963.034	20.622	16.561	75.918	90.824	300.703	26.023	0.788

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.026	0.003	0.000	0.064
S.D.	0.000	0.024	0.001	0.000	0.019
% R.S.D.	41.165	90.160	39.504	128.235	29.718

Identity 1: S96T001285_L Identity 2: .250ml-10ml-2ml-8ml 1:37 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 205.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.225	0.053	3.973	2.298	59.860	0.402	0.089	-0.026
S.D.	0.235	0.031	1.588	0.578	1.057	0.348	0.166	0.091
% R.S.D.	104.431	57.735	39.969	25.148	1.765	86.690	185.784	350.148

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.563	17.219	0.010	27.399	2.562	15.792	-1.432	13.794
S.D.	0.037	0.417	0.484	0.858	0.101	0.187	0.630	10.951
% R.S.D.	6.556	2.421	4718.566	3.130	3.949	1.186	44.037	79.394

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-2.263	-0.381	0.058	4.220	14.419	0.643	-0.209	349.566
S.D.	2.119	1.353	0.038	0.850	0.583	0.138	0.539	0.739
% R.S.D.	93.640	355.007	65.172	20.153	4.042	21.535	257.213	0.211

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.057	3.927	0.090	0.541	0.058	-0.088	-0.681	13796.690
S.D.	0.102	2.532	0.146	0.728	0.038	0.129	0.128	54.817
% R.S.D.	178.301	64.481	161.824	134.747	66.250	146.858	18.839	0.397

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.943	1.327	-0.505	-0.089	1.719
S.D.	0.031	1.391	0.069	0.026	4.106
% R.S.D.	1.601	104.816	13.586	28.998	238.801

Identity 1: S96T001285 Identity 2: .250ml-10ml 1:41 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.072	0.046	0.926	1.981	60.953	0.121	0.109	0.044
S.D.	0.015	0.005	0.435	0.180	0.288	0.070	0.037	0.005
% R.S.D.	20.601	9.993	46.999	9.064	0.473	57.962	33.943	10.939

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.182	16.945	0.172	27.671	1.374	15.863	0.589	4.159
S.D.	0.035	0.029	0.055	0.411	0.137	0.100	0.134	0.763
% R.S.D.	19.193	0.173	32.209	1.484	10.002	0.628	22.837	18.357

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	2.214	-0.555	0.076	3.576	12.335	0.414	0.049	338.307
S.D.	0.100	0.049	0.004	0.305	0.164	0.130	0.099	2.008
% R.S.D.	4.501	8.909	5.008	8.520	1.327	31.289	202.922	0.594

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.145	0.493	0.156	0.500	0.045	0.045	-0.076	13054.909
S.D.	0.069	0.544	0.008	0.165	0.030	0.017	0.010	77.067
% R.S.D.	47.381	110.418	4.960	32.988	67.006	37.285	12.556	0.590

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	2.035	1.110	0.028	-0.003	2.971
S.D.	0.039	1.178	0.053	0.005	0.397
% R.S.D.	1.929	106.060	188.013	173.213	13.351

Identity 1: S96T001285_0 Identity 2: .250ml-10ml 1:45 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.042	0.035	0.402	1.900	75.059	0.242	0.049	0.024
S.D.	0.047	0.005	0.471	0.114	0.454	0.070	0.017	0.017
% R.S.D.	112.454	12.990	117.391	6.009	0.604	28.822	34.365	69.405

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.198	29.241	0.021	5.279	0.942	15.461	-0.109	3.833
S.D.	0.021	0.167	0.085	0.248	0.038	0.122	0.296	2.292
% R.S.D.	10.515	0.573	404.295	4.699	4.078	0.788	271.350	59.798

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.794	0.469	0.048	3.980	10.763	0.215	-0.567	334.209
S.D.	0.531	0.445	0.012	0.370	0.192	0.041	0.181	3.388
% R.S.D.	66.845	94.861	25.693	9.294	1.784	18.898	31.870	1.014

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.080	0.169	0.051	0.373	0.023	0.038	-0.021	12792.119
S.D.	0.069	0.633	0.031	0.327	0.026	0.037	0.019	110.774
% R.S.D.	86.237	374.470	59.772	87.718	113.049	97.511	86.711	0.866

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.883	0.200	0.004	0.015	0.348
S.D.	0.013	0.131	0.021	0.005	0.860
% R.S.D.	0.698	65.400	548.619	34.383	247.302

Identity 1: S96T001285_A Identity 2: .250ml-2ml-8ml 1:48 PM April 11, 1996

Task name : OPTIMA

Sample Weight : 1.0000 Solution Volume : 41.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	40.419	40.773	39.794	40.524	99.819	39.498	42.135	40.948
S.D.	0.013	0.064	0.951	0.301	0.256	0.349	0.121	0.531
% R.S.D.	0.032	0.157	2.389	0.743	0.257	0.884	0.287	1.297

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	39.734	56.484	41.329	67.697	40.926	54.976	43.681	83.825
S.D.	0.114	0.328	0.160	0.340	0.037	0.040	0.018	1.025
% R.S.D.	0.288	0.582	0.388	0.502	0.090	0.072	0.042	1.222

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	41.013	41.278	41.002	44.025	51.267	37.155	40.221	382.302
S.D.	0.247	0.088	0.074	0.221	0.504	0.101	0.276	5.088
% R.S.D.	0.603	0.214	0.181	0.503	0.982	0.272	0.686	1.331

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	39.116	42.045	33.716	41.161	39.157	39.363	40.740	13178.650
S.D.	0.163	1.017	0.189	0.174	0.090	0.050	0.139	142.125
% R.S.D.	0.417	2.418	0.560	0.422	0.231	0.127	0.341	1.078

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Ti (ppm)
Mean	41.711	37.882	40.615	40.863	39.254
S.D.	0.111	1.195	0.153	0.045	0.255
% R.S.D.	0.265	3.155	0.377	0.109	0.649

Identity 1: CCV Identity 2: Quality Control 1:50 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.942	4.982	4.934	4.693	4.867	4.848	5.141	5.264
S.D.	0.009	0.007	0.024	0.014	0.006	0.020	0.005	0.034
% R.S.D.	0.182	0.145	0.490	0.293	0.121	0.405	0.091	0.641

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.947	4.880	5.039	5.018	4.975	4.848	5.401	10.100
S.D.	0.010	0.015	0.011	0.004	0.003	0.006	0.011	0.024
% R.S.D.	0.194	0.298	0.220	0.083	0.064	0.126	0.211	0.237

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.038	5.129	5.029	4.908	4.816	4.675	4.985	5.232
S.D.	0.021	0.004	0.007	0.087	0.037	0.011	0.014	0.026
% R.S.D.	0.416	0.085	0.131	1.775	0.760	0.233	0.289	0.488

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.832	5.086	4.854	4.954	4.806	4.881	5.141	5.278
S.D.	0.017	0.032	0.008	0.026	0.009	0.006	0.007	0.041
% R.S.D.	0.350	0.639	0.175	0.530	0.177	0.122	0.139	0.770

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.897	4.707	5.000	5.145	4.873
S.D.	0.010	0.053	0.005	0.007	0.004
% R.S.D.	0.213	1.120	0.109	0.141	0.073

Identity 1: CCB Identity 2: Quality Control 1:53 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.001	0.010	-0.000	0.015	0.007	0.002	0.001
S.D.	0.002	0.001	0.015	0.003	0.007	0.000	0.002	0.001
% R.S.D.	77.804	98.729	146.632	631.344	44.771	0.018	114.344	98.693

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.002	0.001	-0.003	0.002	0.005	0.002	-0.004	-0.144
S.D.	0.002	0.004	0.002	0.002	0.001	0.001	0.003	0.009
% R.S.D.	118.091	564.654	84.621	96.913	21.562	40.138	74.835	6.551

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.021	-0.016	0.002	0.014	0.006	0.003	0.010	0.010
S.D.	0.005	0.002	0.001	0.008	0.002	0.001	0.003	0.003
% R.S.D.	25.343	14.719	78.179	55.365	32.621	39.217	29.397	26.649

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.013	0.003	0.001	0.001	0.001	0.004	-0.080
S.D.	0.002	0.004	0.001	0.010	0.002	0.002	0.002	0.036
% R.S.D.	168.154	35.035	31.052	694.107	252.394	186.593	68.966	44.504

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.024	0.002	0.002	0.010
S.D.	0.002	0.008	0.001	0.001	0.002
% R.S.D.	116.758	33.378	64.304	91.901	17.221

Identity 1: S96T001291_L Identity 2: .250ml-10ml-2ml-8ml 1:57 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 205.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.497	0.115	2.220	3.906	37.067	0.399	0.295	0.187
S.D.	0.381	0.020	1.902	0.641	0.393	0.350	0.085	0.018
% R.S.D.	76.770	17.625	85.692	16.423	1.059	87.663	28.876	9.626

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.190	17.412	0.568	1.346	2.013	3.565	-0.910	28.794
S.D.	0.042	0.610	0.559	0.245	0.057	0.502	1.223	10.472
% R.S.D.	22.153	3.502	98.492	18.229	2.839	14.090	134.500	36.368

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	7.062	-3.711	0.191	1.931	11.685	0.222	-2.400	456.200
S.D.	2.443	1.813	0.042	3.117	0.479	0.033	0.861	2.182
% R.S.D.	34.591	48.861	22.196	161.391	4.096	15.000	35.858	0.478

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.028	2.332	0.503	0.443	0.154	0.179	-0.043	12225.956
S.D.	0.177	1.346	0.108	0.744	0.029	0.056	0.077	42.797
% R.S.D.	627.625	57.715	21.530	167.814	19.029	31.447	179.941	0.350

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.257	-2.320	-0.338	0.019	2.013
S.D.	0.034	3.647	0.210	0.046	5.118
% R.S.D.	13.054	157.197	62.066	249.145	254.199

Identity 1: S96T001291 Identity 2 .250ml-10ml 2:00 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.009	0.034	0.457	2.429	36.190	0.040	0.089	0.026
S.D.	0.043	0.003	0.238	0.154	0.234	0.121	0.024	0.006
% R.S.D.	473.615	9.116	52.016	6.325	0.646	301.578	27.366	25.040

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.091	16.032	-0.165	0.907	1.143	3.425	-0.363	1.978
S.D.	0.023	0.158	0.147	0.172	0.007	0.051	0.234	0.530
% R.S.D.	2.070	0.987	88.802	19.014	0.636	1.489	64.398	26.796

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.665	-0.507	0.042	3.747	11.023	0.109	-0.295	449.941
S.D.	0.214	0.126	0.003	0.313	0.276	0.004	0.194	3.588
% R.S.D.	32.183	24.816	7.937	8.354	2.506	3.535	65.759	0.797

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.142	-0.118	0.080	0.174	0.026	0.071	-0.018	11876.713
S.D.	0.047	0.184	0.019	0.342	0.023	0.026	0.044	89.923
% R.S.D.	32.711	155.714	24.057	197.168	85.259	36.137	247.912	0.757

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.343	1.799	-0.023	-0.003	0.556
S.D.	0.006	0.977	0.026	0.005	1.034
% R.S.D.	1.873	54.290	112.389	179.141	186.099

Identity 1: S96T001291_D Identity 2: .250ml-10ml 2:03 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.075	0.039	0.409	2.480	35.187	0.282	0.095	0.054
S.D.	0.050	0.003	0.190	0.147	0.035	0.121	0.012	0.008
% R.S.D.	67.030	7.873	46.484	5.914	0.100	42.794	13.081	14.536

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.162	10.986	-0.092	1.098	0.787	3.543	0.629	0.242
S.D.	0.006	0.061	0.065	0.110	0.023	0.020	0.207	1.533
% R.S.D.	3.947	0.555	70.202	10.029	2.967	0.554	32.904	633.001

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	1.876	-1.162	0.059	2.928	10.663	0.084	0.093	435.003
S.D.	0.508	0.319	0.005	0.235	0.330	0.024	0.086	2.999
% R.S.D.	27.083	27.463	8.479	8.037	3.093	28.465	93.100	0.690

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.116	0.485	0.113	0.267	0.014	0.071	0.018	12821.728
S.D.	0.037	0.548	0.017	0.194	0.017	0.017	0.016	66.673
% R.S.D.	31.959	113.107	14.925	72.635	123.506	23.733	87.260	0.520

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.333	0.304	0.117	0.006	1.026
S.D.	0.013	0.436	0.030	0.005	0.949
% R.S.D.	3.949	143.386	25.218	89.436	92.537

Identity 1: S96T001291_A Identity 2: .250ml-2ml-8ml 2:06 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	39.836	39.800	40.158	40.777	75.623	39.781	40.778	38.872
S.D.	0.066	0.018	0.761	0.098	0.164	0.140	0.050	0.047
% R.S.D.	0.165	0.046	1.894	0.241	0.217	0.351	0.122	0.121

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	40.395	56.078	40.471	41.612	39.651	43.280	42.270	75.630
S.D.	0.011	0.140	0.195	0.392	0.027	0.070	0.040	0.571
% R.S.D.	0.028	0.249	0.481	0.941	0.067	0.161	0.095	0.756

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	41.820	39.378	39.771	43.757	49.970	37.501	40.416	482.902
S.D.	0.191	0.084	0.021	0.201	0.541	0.039	0.563	0.583
% R.S.D.	0.458	0.213	0.053	0.459	1.083	0.105	1.394	0.121

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	39.362	41.308	33.480	40.497	38.648	39.710	40.436	11676.838
S.D.	0.025	0.131	0.071	0.082	0.025	0.131	0.165	24.725
% R.S.D.	0.063	0.316	0.211	0.203	0.065	0.329	0.407	0.212

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	40.253	38.018	40.779	40.414	41.083
S.D.	0.098	1.161	0.087	0.090	0.272
% R.S.D.	0.243	3.053	0.212	0.224	0.661

Identity 1: S96T001296_L Identity 2: .250ml-10ml-2ml-8ml 2:09 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 205.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.212	0.053	3.693	2.544	35.278	0.200	0.089	0.047
S.D.	0.132	0.008	2.677	0.583	0.833	0.000	0.066	0.009
% R.S.D.	62.094	14.434	72.494	22.925	2.361	0.183	73.605	19.274

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.658	36.994	0.747	1.598	1.528	6.775	-2.690	15.705
S.D.	0.115	0.593	0.320	0.352	0.024	0.227	1.541	2.833
% R.S.D.	17.533	1.603	42.884	22.033	1.556	3.356	57.296	18.037

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.282	2.458	0.092	4.935	10.761	0.122	-2.897	435.066
S.D.	1.369	0.655	0.010	3.251	0.990	0.000	1.407	3.490
% R.S.D.	31.979	26.658	10.415	65.882	9.204	0.000	48.559	0.802

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.502	3.204	0.057	-4.787	0.164	-0.016	0.212	12395.790
S.D.	0.171	1.636	0.116	0.640	0.126	0.324	0.053	74.399
% R.S.D.	34.139	51.068	201.276	13.369	76.914	2002.464	24.890	0.600

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.615	-7.845	-0.485	-0.088	-2.325
S.D.	0.056	2.922	0.079	0.026	2.896
% R.S.D.	9.168	37.252	16.231	29.099	124.548

Identity 1: S96T001296 Identity 2: .250ml-10ml 2:13 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.184	0.023	0.201	0.814	36.562	0.121	0.034	0.002
S.D.	0.030	0.002	0.349	0.029	0.380	0.070	0.006	0.003
% R.S.D.	16.217	6.662	173.750	3.577	1.039	57.668	16.439	154.764

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.162	36.529	-0.093	1.578	0.610	6.674	-0.055	-1.754
S.D.	0.013	0.407	0.128	0.070	0.000	0.100	0.029	0.658
% R.S.D.	7.895	1.115	137.495	4.466	0.000	1.499	52.536	37.519

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.502	-1.366	0.033	4.895	9.586	0.089	-0.290	430.421
S.D.	0.073	0.088	0.004	0.712	0.176	0.004	0.057	2.365
% R.S.D.	14.594	6.476	13.692	14.534	1.834	4.330	19.782	0.549

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.110	0.395	0.071	-0.128	-0.005	0.026	0.001	11980.418
S.D.	0.029	0.502	0.000	0.361	0.008	0.011	0.034	62.518
% R.S.D.	26.478	127.210	0.116	282.888	154.210	44.165	3251.899	0.522

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.700	0.286	-0.004	-0.006	1.209
S.D.	0.017	1.028	0.018	0.009	0.327
% R.S.D.	2.441	359.379	437.202	139.436	27.087

Identity 1: S96T001296_D Identity 2: .250ml-10ml 2:15 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.014	0.033	0.439	0.697	34.031	0.363	0.068	0.049
S.D.	0.026	0.003	0.423	0.172	0.446	0.070	0.023	0.014
% R.S.D.	182.172	8.108	96.336	24.670	1.311	19.219	34.146	27.855

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.062	3.096	0.074	1.464	0.503	6.353	0.790	-0.621
S.D.	0.016	0.188	0.064	0.044	0.003	0.133	0.215	1.112
% R.S.D.	25.452	6.088	87.056	2.985	0.546	2.096	27.185	179.114

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	1.623	-1.952	0.050	6.404	8.674	0.058	-0.297	391.737
S.D.	0.371	0.067	0.006	0.158	0.054	0.007	0.190	3.206
% R.S.D.	22.874	3.440	12.829	2.463	0.625	11.539	63.813	0.818

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.099	0.003	0.106	0.944	-0.005	0.071	-0.003	11462.793
S.D.	0.048	0.273	0.028	0.619	0.028	0.026	0.049	119.945
% R.S.D.	48.938	8123.506	26.165	65.553	578.510	36.328	1671.228	1.046

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.603	-0.611	0.078	0.015	2.691
S.D.	0.013	0.888	0.035	0.005	0.909
% R.S.D.	2.165	145.257	45.448	36.348	33.795

Identity 1: S96T001296_A Identity 2: .250ml-2ml-8ml 2:18 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	40.001	39.879	40.262	39.552	74.568	39.498	40.872	38.558
S.D.	0.028	0.043	0.643	0.120	0.075	0.070	0.051	0.225
% R.S.D.	0.069	0.107	1.598	0.302	0.101	0.177	0.126	0.584

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	40.653	76.200	40.806	42.642	39.761	46.675	42.557	81.231
S.D.	0.049	0.481	0.250	0.292	0.035	0.146	0.307	0.679
% R.S.D.	0.120	0.631	0.612	0.684	0.088	0.312	0.722	0.836

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	39.638	40.655	39.858	44.196	48.198	37.384	39.964	456.639
S.D.	0.171	0.153	0.043	0.739	0.611	0.047	0.467	2.577
% R.S.D.	0.432	0.377	0.109	1.672	1.268	0.126	1.169	0.564

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	39.085	40.476	33.605	40.183	38.703	39.486	40.501	11851.621
S.D.	0.255	0.485	0.100	0.386	0.027	0.127	0.060	51.716
% R.S.D.	0.651	1.199	0.296	0.962	0.070	0.322	0.148	0.436

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	40.761	37.076	40.643	40.556	38.601
S.D.	0.079	0.027	0.082	0.064	0.338
% R.S.D.	0.194	0.072	0.202	0.158	0.877

Identity 1: ICSA Identity 2: Quality Control 2:21 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.002	0.008	0.011	194.046	0.002	0.001	0.000
S.D.	0.000	0.000	0.003	0.002	0.159	0.003	0.000	0.000
% R.S.D.	19.764	6.662	40.011	15.542	0.082	143.194	15.487	98.272

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.005	0.005	0.004	96.836	103.678	0.002	-0.005	0.067
S.D.	0.001	0.004	0.001	0.396	0.203	0.001	0.010	0.014
% R.S.D.	13.612	72.771	29.434	0.409	0.196	44.868	199.555	20.293

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.007	0.025	0.003	0.019	0.020	100.337	0.060	192.102
S.D.	0.004	0.004	0.000	0.004	0.001	0.176	0.005	0.789
% R.S.D.	66.031	14.722	4.257	22.556	7.320	0.176	8.092	0.411

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	0.050	0.001	-0.031	0.001	-0.002	0.011	-0.075
S.D.	0.001	0.015	0.000	0.004	0.001	0.001	0.001	0.066
% R.S.D.	158.997	29.922	23.928	12.437	87.947	65.608	6.437	87.873

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	0.017	-0.003	0.003	0.008
S.D.	0.000	0.016	0.001	0.000	0.017
% R.S.D.	63.348	97.885	29.509	8.726	217.271

Identity 1: ICSAB Identity 2: Quality Control 2:24 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.004	0.002	-0.021	0.007	193.430	0.484	0.505	0.951
S.D.	0.001	0.000	0.008	0.004	0.255	0.003	0.000	0.005
% R.S.D.	18.949	2.830	37.689	54.339	0.132	0.705	0.066	0.533

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.973	0.957	0.002	95.942	103.052	0.489	-0.000	-0.060
S.D.	0.001	0.001	0.001	0.326	0.133	0.001	0.005	0.031
% R.S.D.	0.063	0.104	79.971	0.340	0.129	0.178	3079.529	51.440

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.029	-0.001	0.509	0.034	0.025	98.964	0.064	194.285
S.D.	0.001	0.004	0.000	0.006	0.011	0.171	0.011	0.849
% R.S.D.	4.005	472.836	0.052	16.896	44.462	0.173	16.602	0.437

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Tl (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.003	0.017	1.003	0.983	-0.000	0.973	0.011	-0.137
S.D.	0.000	0.011	0.001	0.004	0.000	0.004	0.002	0.004
% R.S.D.	17.903	63.966	0.061	0.370	81.228	0.449	13.899	2.892

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.490	0.015	0.491	0.499	0.042
S.D.	0.001	0.013	0.001	0.001	0.006
% R.S.D.	0.260	85.995	0.172	0.201	13.528

Identity 1: CCV Identity 2: Quality Control 2:27 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.943	4.954	4.966	4.728	4.906	4.975	5.033	4.967
S.D.	0.004	0.003	0.007	0.008	0.024	0.017	0.003	0.008
% R.S.D.	0.086	0.064	0.136	0.175	0.495	0.342	0.060	0.170

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.054	4.965	5.027	5.121	4.953	4.957	5.290	9.903
S.D.	0.012	0.015	0.009	0.011	0.010	0.017	0.036	0.042
% R.S.D.	0.245	0.297	0.179	0.205	0.198	0.346	0.679	0.429

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.073	5.026	4.963	5.074	4.936	4.811	5.034	5.058
S.D.	0.029	0.009	0.001	0.056	0.029	0.021	0.020	0.032
% R.S.D.	0.563	0.185	0.029	1.101	0.583	0.433	0.397	0.627

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.930	5.100	4.903	4.986	4.820	4.963	5.104	5.122
S.D.	0.012	0.038	0.007	0.005	0.009	0.006	0.007	0.012
% R.S.D.	0.238	0.747	0.146	0.101	0.178	0.118	0.137	0.233

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.978	4.722	5.054	5.142	4.886
S.D.	0.007	0.039	0.006	0.009	0.026
% R.S.D.	0.134	0.827	0.128	0.184	0.542

Identity 1: CCB Identity 2: Quality Control 2:30 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.003	0.000	0.021	0.011	-0.000	0.003	-0.000	0.000
S.D.	0.001	0.000	0.007	0.004	0.008	0.002	0.000	0.000
% R.S.D.	37.738	76.980	32.340	38.890	2613.262	57.934	167.258	96.431

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	-0.002	0.003	0.002	0.003	-0.001	-0.011	0.169
S.D.	0.000	0.001	0.001	0.002	0.000	0.000	0.002	0.052
% R.S.D.	31.889	48.104	24.495	76.022	12.775	48.952	21.427	30.880

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.014	0.013	0.000	0.028	-0.002	0.001	-0.004	0.017
S.D.	0.016	0.010	0.000	0.005	0.005	0.000	0.004	0.006
% R.S.D.	112.137	80.792	77.486	17.529	199.281	43.644	118.493	37.795

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.016	0.004	-0.020	0.001	0.000	0.004	-0.041
S.D.	0.001	0.011	0.002	0.009	0.001	0.001	0.001	0.016
% R.S.D.	163.826	68.476	38.292	45.144	42.737	240.347	18.126	37.673

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	0.013	-0.002	-0.000	0.009
S.D.	0.000	0.019	0.001	0.000	0.022
% R.S.D.	106.246	144.777	55.549	506.775	254.941

FILE # 960411B.DAT

LABCORE Data Entry Template for Worklist# 7524

Analyst: B. GOEDKE **Instrument:** ICP01 _____ **Book#** 53848

Method: LA-505-151/~~161~~ 06 4-11-96 Rev/Mod D-3

Worklist Comment: ICP U-105 (FUSION)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPBLKARL				@ICP-F01	SOLID		
6	SERDIL	S96T001303	0	F	@ICP-F01	SOLID		
7	SAMPLE	S96T001303	0	F	@ICP-F01	SOLID	96000143	U-105 (R)
	Analytes Requested:				AL-F-01 , BI-F-01 , FE-F-01 , LI-F-01 , NA-F-01 , P-F-01 , SI-F-01			
8	DUP	S96T001303	0	F	@ICP-F01	SOLID		
9	SPK	S96T001303	0	F	@ICP-F01	SOLID		
10	CCV				@ICP-QC	QC		
11	CCB				@ICP-QC	QC		
12	SERDIL	S96T001310	0	F	@ICP-F01	SOLID		
13	SAMPLE	S96T001310	0	F	@ICP-F01	SOLID	96000143	U-105 (R)
	Analytes Requested:				AL-F-01 , BI-F-01 , FE-F-01 , LI-F-01 , NA-F-01 , P-F-01 , SI-F-01			
14	DUP	S96T001310	0	F	@ICP-F01	SOLID		
15	SPK	S96T001310	0	F	@ICP-F01	SOLID		
16	ICSA				@ICP-QC	QC		
17	ICSAB				@ICP-QC	QC		

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7524

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
18	CCV				@ICP-QC	QC		
19	CCB				@ICP-QC	QC		

Final page for worklist # 7524

Analyst Signature: [signature] Date: 4-11-96

Reviewed by: Analyst Signature: [signature] Date: 4/12/96

		D.F.
PREPBLANK	.250mL - 10mL	1
S96700 1303_L	.250mL - 10mL - 2mL - 8mL	205
S96700 1303	.250mL - 10mL	41
S96700 1303_D	.250mL - 10mL	41
S96700 1303_A	.250mL - 2mL - 8mL	41
S96700 1310_L	.250mL - 10mL - 2mL - 8mL	205
S96700 1310	.250mL - 10mL	41
S96700 1310_D	.250mL - 10mL	41
S96700 1310_A	.250mL - 2mL - 8mL	41

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 7524

Analyst: bjg **Instrument:** ICP01 **Book#** 53B48B

Method: LA-505-151 Rev/Mod D-3

Worklist Comment: ICP U-105 (FUSION)

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
1	ICV		0	@ICP-QC	AG	QC	5.0	4.86e+00	97.200	% Recovery
1	ICV		0	@ICP-QC	AL	QC	5.0	4.88e+00	97.600	% Recovery
1	ICV		0	@ICP-QC	AS	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0	@ICP-QC	B	QC	5.0	5.11e+00	102.200	% Recovery
1	ICV		0	@ICP-QC	BA	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0	@ICP-QC	BE	QC	5.0	5.16e+00	103.200	% Recovery
1	ICV		0	@ICP-QC	BI	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0	@ICP-QC	CA	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV		0	@ICP-QC	CD	QC	5.0	4.93e+00	98.600	% Recovery
1	ICV		0	@ICP-QC	CE	QC	5.0	5.15e+00	103.000	% Recovery
1	ICV		0	@ICP-QC	CO	QC	5.0	4.93e+00	98.600	% Recovery
1	ICV		0	@ICP-QC	CR	QC	5.0	4.90e+00	98.000	% Recovery
1	ICV		0	@ICP-QC	CU	QC	5.0	5.11e+00	102.200	% Recovery
1	ICV		0	@ICP-QC	FE	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0	@ICP-QC	K	QC	5.0	5.07e+00	101.400	% Recovery
1	ICV		0	@ICP-QC	LA	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0	@ICP-QC	LI	QC	5.0	5.14e+00	102.800	% Recovery
1	ICV		0	@ICP-QC	MG	QC	5.0	4.75e+00	95.000	% Recovery
1	ICV		0	@ICP-QC	MN	QC	5.0	4.93e+00	98.600	% Recovery
1	ICV		0	@ICP-QC	MO	QC	5.0	4.91e+00	98.200	% Recovery
1	ICV		0	@ICP-QC	NA	QC	5.0	5.11e+00	102.200	% Recovery
1	ICV		0	@ICP-QC	ND	QC	5.0	5.32e+00	106.400	% Recovery
1	ICV		0	@ICP-QC	NI	QC	5.0	4.92e+00	98.400	% Recovery
1	ICV		0	@ICP-QC	P	QC	5.0	4.88e+00	97.600	% Recovery
1	ICV		0	@ICP-QC	PB	QC	5.0	4.96e+00	99.200	% Recovery
1	ICV		0	@ICP-QC	S	QC	5.0	4.86e+00	97.200	% Recovery
1	ICV		0	@ICP-QC	SB	QC	5.0	4.73e+00	94.600	% Recovery
1	ICV		0	@ICP-QC	SE	QC	5.0	5.15e+00	103.000	% Recovery
1	ICV		0	@ICP-QC	SI	QC	5.0	4.73e+00	94.600	% Recovery
1	ICV		0	@ICP-QC	SM	QC	5.0	5.09e+00	101.800	% Recovery
1	ICV		0	@ICP-QC	SR	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV		0	@ICP-QC	TI	QC	5.0	4.84e+00	96.800	% Recovery
1	ICV		0	@ICP-QC	TL	QC	5.0	4.87e+00	97.400	% Recovery
1	ICV		0	@ICP-QC	U	QC	10.0	1.01e+01	101.000	% Recovery
1	ICV		0	@ICP-QC	V	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0	@ICP-QC	ZN	QC	5.0	4.99e+00	99.800	% Recovery
1	ICV		0	@ICP-QC	ZR	QC	5.0	4.96e+00	99.200	% Recovery
2	ICB		0	@ICP-QC	AG	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	AL	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	AS	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	B	QC	1	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
2	ICB		0	@ICP-QC	BA	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	BE	QC	1	<5.00e-3		ug/g
2	ICB		0	@ICP-QC	BI	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CA	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CD	QC	1	<5.00e-3		ug/g
2	ICB		0	@ICP-QC	CE	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	CO	QC	1	<2.00e-2		ug/g
2	ICB		0	@ICP-QC	CR	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	CU	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	FE	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	K	QC	1	<5.00e-1		ug/g
2	ICB		0	@ICP-QC	LA	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	LI	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	MG	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	MN	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	MO	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	NA	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	ND	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	NI	QC	1	<2.00e-2		ug/g
2	ICB		0	@ICP-QC	P	QC	1	<2.00e-1		ug/g
2	ICB		0	@ICP-QC	PB	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	S	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SB	QC	1	<6.00e-2		ug/g
2	ICB		0	@ICP-QC	SE	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SI	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	SM	QC	1	<1.00e-1		ug/g
2	ICB		0	@ICP-QC	SR	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	TI	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	TL	QC	1	<2.00e-1		ug/g
2	ICB		0	@ICP-QC	U	QC	1	<5.00e-1		ug/g
2	ICB		0	@ICP-QC	V	QC	1	<5.00e-2		ug/g
2	ICB		0	@ICP-QC	ZN	QC	1	<1.00e-2		ug/g
2	ICB		0	@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	AG	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	AL	QC	200	1.95e+02	97.500	% Recovery
3	ICSA		0	@ICP-QC	AS	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	B	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	BA	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	BE	QC	1	<5.00e-3		ug/g
3	ICSA		0	@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
3	ICSA		0	@ICP-QC	CD	QC	1	<5.00e-3		ug/g
3	ICSA		0	@ICP-QC	CE	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	CO	QC	1	<2.00e-2		ug/g
3	ICSA		0	@ICP-QC	CR	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	CU	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	FE	QC	100.	9.59e+01	95.900	% Recovery
3	ICSA		0	@ICP-QC	K	QC	1	<5.00e-1		ug/g
3	ICSA		0	@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
3	ICSA		0	@ICP-QC	LI	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	MG	QC	100.	1.03e+02	103.000	% Recovery
3	ICSA		0	@ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	MO	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	NA	QC	200	1.94e+02	97.000	% Recovery
3	ICSA		0	@ICP-QC	ND	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	NI	QC	1	<2.00e-2		ug/g
3	ICSA		0	@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
3	ICSA		0	@ICP-QC	PB	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	SB	QC	1	<6.00e-2		ug/g
3	ICSA		0	@ICP-QC	SE	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	SI	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	SM	QC	1	<1.00e-1		ug/g
3	ICSA		0	@ICP-QC	SR	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	TI	QC	1	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
3	ICSA		0	@ICP-QC	U	QC	1	<5.00e-1		ug/g
3	ICSA		0	@ICP-QC	V	QC	1	<5.00e-2		ug/g
3	ICSA		0	@ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
3	ICSA		0	@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
4	ICSAB		0	@ICP-QC	AG	QC	1.0	1.01e+00	101.000	% Recovery
4	ICSAB		0	@ICP-QC	AL	QC	200	1.93e+02	96.500	% Recovery
4	ICSAB		0	@ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0	@ICP-QC	B	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0	@ICP-QC	BA	QC	0.5	5.06e-01	101.200	% Recovery
4	ICSAB		0	@ICP-QC	BE	QC	0.5	5.02e-01	100.400	% Recovery
4	ICSAB		0	@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0	@ICP-QC	CA	QC	100.	1.04e+02	104.000	% Recovery
4	ICSAB		0	@ICP-QC	CD	QC	1.0	9.89e-01	98.900	% Recovery
4	ICSAB		0	@ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0	@ICP-QC	CO	QC	0.5	4.88e-01	97.600	% Recovery
4	ICSAB		0	@ICP-QC	CR	QC	0.5	4.98e-01	99.600	% Recovery
4	ICSAB		0	@ICP-QC	CU	QC	0.5	5.02e-01	100.400	% Recovery
4	ICSAB		0	@ICP-QC	FE	QC	100	9.73e+01	97.300	% Recovery
4	ICSAB		0	@ICP-QC	K	QC	1.0	<5.00e-1		ug/g
4	ICSAB		0	@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0	@ICP-QC	LI	QC	1.0	9.33e-01	93.300	% Recovery
4	ICSAB		0	@ICP-QC	MG	QC	100.	1.01e+02	101.000	% Recovery
4	ICSAB		0	@ICP-QC	MN	QC	0.5	4.97e-01	99.400	% Recovery
4	ICSAB		0	@ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0	@ICP-QC	NA	QC	200	1.91e+02	95.500	% Recovery
4	ICSAB		0	@ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0	@ICP-QC	NI	QC	1.0	9.72e-01	97.200	% Recovery
4	ICSAB		0	@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
4	ICSAB		0	@ICP-QC	PB	QC	1.0	1.03e+00	103.000	% Recovery
4	ICSAB		0	@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0	@ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
4	ICSAB		0	@ICP-QC	SE	QC	1.0	<1.00e-1		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A	Test		Matrix	Actual		Found	DL or Yield	Unit
4	ICSAB		0		@ICP-QC	SI	QC	1.0		<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC	SM	QC	1.0		<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC	SR	QC	1.0		<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC	TI	QC	1.0		<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC	TL	QC	1.0		<2.00e-1		ug/g
4	ICSAB		0		@ICP-QC	U	QC	1.0		<5.00e-1		ug/g
4	ICSAB		0		@ICP-QC	V	QC	0.5		4.98e-01	99.600	% Recovery
4	ICSAB		0		@ICP-QC	ZN	QC	1.0		9.91e-01	99.100	% Recovery
4	ICSAB		0		@ICP-QC	ZR	QC	1.0		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	AG-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	AL-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	AS-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	B-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	BA-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	BE-F-01	SOLID	1		<5.00e-3		ug/g
5	PREPBLKARL		0		@ICP-F01	BI-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	CA-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	CD-F-01	SOLID	1		<5.00e-3		ug/g
5	PREPBLKARL		0		@ICP-F01	CE-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	CO-F-01	SOLID	1		<2.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	CR-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	CU-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	FE-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	LA-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	LI-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	MG-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	MN-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	MO-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	NA-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	ND-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	NI-F-01	SOLID	1		1.12e-01	0.110	ug/g
5	PREPBLKARL		0		@ICP-F01	P-F-01	SOLID	1		<2.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	PB-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	S-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	SB-F-01	SOLID	1		<6.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	SE-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	SI-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	SM-F-01	SOLID	1		<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	SR-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	TL-F-01	SOLID	1		<2.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	U-F-01	SOLID	1		<5.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01	V-F-01	SOLID	1		<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	ZN-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	ZR-F-01	SOLID	1		<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01	TI-F-01	SOLID	1		<1.00e-2		ug/g
6	SAMPLE	S96T001303	0	F	@ICP-F01	AL-F-01	SOLID	N/A		1.26e+04	1.030e+003	ug/g
6	SAMPLE	S96T001303	0	F	@ICP-F01	BI-F-01	SOLID	N/A	<	2.06e+03	2.060e+003	ug/g
6	SAMPLE	S96T001303	0	F	@ICP-F01	FE-F-01	SOLID	N/A	<	1.03e+03	1.030e+003	ug/g
6	SAMPLE	S96T001303	0	F	@ICP-F01	LI-F-01	SOLID	N/A	<	2.06e+02	206.000	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
6	SAMPLE	S96T001303	0	F	@ICP-F01	NA-F-01	SOLID	N/A	2.13e+05	2.060e+003	ug/g
6	SAMPLE	S96T001303	0	F	@ICP-F01	P-F-01	SOLID	N/A <	4.12e+03	4.120e+003	ug/g
6	SAMPLE	S96T001303	0	F	@ICP-F01	SI-F-01	SOLID	N/A <	1.03e+03	1.030e+003	ug/g
7	DUP	S96T001303	0	F	@ICP-F01	AL-F-01	SOLID	1.26e+04	1.27e+04	0.790	RPD
7	DUP	S96T001303	0	F	@ICP-F01	BI-F-01	SOLID	<2.06e3	<2.01e3		RPD
7	DUP	S96T001303	0	F	@ICP-F01	FE-F-01	SOLID	<1.03e3	<1.00e3		RPD
7	DUP	S96T001303	0	F	@ICP-F01	LI-F-01	SOLID	<2.06e2	<2.01e2		RPD
7	DUP	S96T001303	0	F	@ICP-F01	NA-F-01	SOLID	2.13e+05	2.18e+05	2.320	RPD
7	DUP	S96T001303	0	F	@ICP-F01	P-F-01	SOLID	<4.12e3	<4.01e3		RPD
7	DUP	S96T001303	0	F	@ICP-F01	SI-F-01	SOLID	<1.03e3	<1.00e3		RPD
8	SPK	S96T001303	0	F	@ICP-F01	AL-F-01	SOLID	1	0.941	94.100	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	BI-F-01	SOLID	1	0.985	98.500	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	FE-F-01	SOLID	1	0.995	99.500	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	LI-F-01	SOLID	1	0.922	92.200	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	LI-F-01	SOLID	1	0.922	92.200	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	NA-F-01	SOLID	1	0.851	85.100	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	NA-F-01	SOLID	1	0.851	85.100	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	P-F-01	SOLID	1	1.000	100.000	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	P-F-01	SOLID	1	1.000	100.000	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	SI-F-01	SOLID	1	0.929	92.900	% Recovery
8	SPK	S96T001303	0	F	@ICP-F01	SI-F-01	SOLID	1	0.929	92.900	% Recovery
9	CCV		0		@ICP-QC	AG	QC	5.0	4.92e+00	98.400	% Recovery
9	CCV		0		@ICP-QC	AL	QC	5.0	4.85e+00	97.000	% Recovery
9	CCV		0		@ICP-QC	AS	QC	5.0	5.05e+00	101.000	% Recovery
9	CCV		0		@ICP-QC	B	QC	5.0	5.14e+00	102.800	% Recovery
9	CCV		0		@ICP-QC	BA	QC	5.0	4.95e+00	99.000	% Recovery
9	CCV		0		@ICP-QC	BE	QC	5.0	5.14e+00	102.800	% Recovery
9	CCV		0		@ICP-QC	BI	QC	5.0	4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	CA	QC	5.0	4.92e+00	98.400	% Recovery
9	CCV		0		@ICP-QC	CD	QC	5.0	4.97e+00	99.400	% Recovery
9	CCV		0		@ICP-QC	CE	QC	5.0	5.02e+00	100.400	% Recovery
9	CCV		0		@ICP-QC	CO	QC	5.0	4.96e+00	99.200	% Recovery
9	CCV		0		@ICP-QC	CR	QC	5.0	4.95e+00	99.000	% Recovery
9	CCV		0		@ICP-QC	CU	QC	5.0	5.03e+00	100.600	% Recovery
9	CCV		0		@ICP-QC	FE	QC	5.0	5.12e+00	102.400	% Recovery
9	CCV		0		@ICP-QC	K	QC	5.0	5.18e+00	103.600	% Recovery
9	CCV		0		@ICP-QC	LA	QC	5.0	5.03e+00	100.600	% Recovery
9	CCV		0		@ICP-QC	LI	QC	5.0	4.96e+00	99.200	% Recovery
9	CCV		0		@ICP-QC	MG	QC	5.0	4.79e+00	95.800	% Recovery
9	CCV		0		@ICP-QC	MN	QC	5.0	4.99e+00	99.800	% Recovery
9	CCV		0		@ICP-QC	MO	QC	5.0	4.91e+00	98.200	% Recovery
9	CCV		0		@ICP-QC	NA	QC	5.0	4.98e+00	99.600	% Recovery
9	CCV		0		@ICP-QC	ND	QC	5.0	5.29e+00	105.800	% Recovery
9	CCV		0		@ICP-QC	NI	QC	5.0	4.96e+00	99.200	% Recovery
9	CCV		0		@ICP-QC	P	QC	5.0	4.81e+00	96.200	% Recovery
9	CCV		0		@ICP-QC	PB	QC	5.0	4.99e+00	99.800	% Recovery
9	CCV		0		@ICP-QC	S	QC	5.0	4.83e+00	96.600	% Recovery
9	CCV		0		@ICP-QC	SB	QC	5.0	4.69e+00	93.800	% Recovery
9	CCV		0		@ICP-QC	SE	QC	5.0	5.11e+00	102.200	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A		Test	Matrix	Actual		Found	DL or Yield	Unit
9	CCV		0		@ICP-QC	SI	QC	5.0		4.74e+00	94.800	% Recovery
9	CCV		0		@ICP-QC	SM	QC	5.0		5.03e+00	100.600	% Recovery
9	CCV		0		@ICP-QC	SR	QC	5.0		4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	TI	QC	5.0		4.81e+00	96.200	% Recovery
9	CCV		0		@ICP-QC	TL	QC	5.0		4.83e+00	96.600	% Recovery
9	CCV		0		@ICP-QC	U	QC	10.0		9.95e+00	99.500	% Recovery
9	CCV		0		@ICP-QC	V	QC	5.0		5.06e+00	101.200	% Recovery
9	CCV		0		@ICP-QC	ZN	QC	5.0		5.06e+00	101.200	% Recovery
9	CCV		0		@ICP-QC	ZR	QC	5.0		4.95e+00	99.000	% Recovery
10	CCB		0		@ICP-QC	AG	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	AL	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	AS	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	B	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	BA	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	BE	QC	1		<5.00e-3		ug/g
10	CCB		0		@ICP-QC	BI	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CA	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CD	QC	1		<5.00e-3		ug/g
10	CCB		0		@ICP-QC	CE	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CO	QC	1		<2.00e-2		ug/g
10	CCB		0		@ICP-QC	CR	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	CU	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	FE	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	K	QC	1		<5.00e-1		ug/g
10	CCB		0		@ICP-QC	LA	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	LI	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	MG	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	MN	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	MO	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	NA	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	ND	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	NI	QC	1		<2.00e-2		ug/g
10	CCB		0		@ICP-QC	P	QC	1		<2.00e-1		ug/g
10	CCB		0		@ICP-QC	PB	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	S	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SB	QC	1		<6.00e-2		ug/g
10	CCB		0		@ICP-QC	SE	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SI	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	SM	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SR	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	TI	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	TL	QC	1		<2.00e-1		ug/g
10	CCB		0		@ICP-QC	U	QC	1		<5.00e-1		ug/g
10	CCB		0		@ICP-QC	V	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	ZN	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	ZR	QC	1		<1.00e-2		ug/g
11	SAMPLE	S96T001310	0	F	@ICP-F01	AL-F-01	SOLID	N/A		2.57e+04	1.040e+003	ug/g
11	SAMPLE	S96T001310	0	F	@ICP-F01	BI-F-01	SOLID	N/A	<	2.08e+03	2.080e+003	ug/g
11	SAMPLE	S96T001310	0	F	@ICP-F01	FE-F-01	SOLID	N/A	<	1.04e+03	1.040e+003	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
11	SAMPLE	S96T001310	0	F	@ICP-F01	LI-F-01	SOLID	N/A <	2.08e+02	208.000	ug/g
11	SAMPLE	S96T001310	0	F	@ICP-F01	NA-F-01	SOLID	N/A	1.92e+05	2.080e+003	ug/g
11	SAMPLE	S96T001310	0	F	@ICP-F01	P-F-01	SOLID	N/A <	4.16e+03	4.160e+003	ug/g
11	SAMPLE	S96T001310	0	F	@ICP-F01	SI-F-01	SOLID	N/A <	1.04e+03	1.040e+003	ug/g
12	DUP	S96T001310	0	F	@ICP-F01	AL-F-01	SOLID	2.57e+04	2.54e+04	1.170	RPD
12	DUP	S96T001310	0	F	@ICP-F01	BI-F-01	SOLID	<2.08e3	<2.17e3		RPD
12	DUP	S96T001310	0	F	@ICP-F01	FE-F-01	SOLID	<1.04e3	<1.08e3		RPD
12	DUP	S96T001310	0	F	@ICP-F01	LI-F-01	SOLID	<2.08e2	<2.17e2		RPD
12	DUP	S96T001310	0	F	@ICP-F01	NA-F-01	SOLID	1.92e+05	1.91e+05	0.520	RPD
12	DUP	S96T001310	0	F	@ICP-F01	P-F-01	SOLID	<4.16e3	<4.33e3		RPD
12	DUP	S96T001310	0	F	@ICP-F01	SI-F-01	SOLID	<1.04e3	<1.08e3		RPD
13	SPK	S96T001310	0	F	@ICP-F01	AL-F-01	SOLID	1	0.908	90.800	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	BI-F-01	SOLID	1	0.976	97.600	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	FE-F-01	SOLID	1	1.005	100.500	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	LI-F-01	SOLID	1	0.941	94.100	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	LI-F-01	SOLID	1	0.941	94.100	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	NA-F-01	SOLID	1	0.894	89.400	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	NA-F-01	SOLID	1	0.894	89.400	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	P-F-01	SOLID	1	1.002	100.200	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	P-F-01	SOLID	1	1.002	100.200	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	SI-F-01	SOLID	1	0.944	94.400	% Recovery
13	SPK	S96T001310	0	F	@ICP-F01	SI-F-01	SOLID	1	0.944	94.400	% Recovery
14	ICSA		0		@ICP-QC	AG	QC	1	<1.00e-2		ug/g
14	ICSA		0		@ICP-QC	AL	QC	200	1.94e+02	97.000	% Recovery
14	ICSA		0		@ICP-QC	AS	QC	1	<1.00e-1		ug/g
14	ICSA		0		@ICP-QC	B	QC	1	<5.00e-2		ug/g
14	ICSA		0		@ICP-QC	BA	QC	1	<5.00e-2		ug/g
14	ICSA		0		@ICP-QC	BE	QC	1	<5.00e-3		ug/g
14	ICSA		0		@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
14	ICSA		0		@ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
14	ICSA		0		@ICP-QC	CD	QC	1	<5.00e-3		ug/g
14	ICSA		0		@ICP-QC	CE	QC	1	<1.00e-1		ug/g
14	ICSA		0		@ICP-QC	CO	QC	1	<2.00e-2		ug/g
14	ICSA		0		@ICP-QC	CR	QC	1	<1.00e-2		ug/g
14	ICSA		0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
14	ICSA		0		@ICP-QC	FE	QC	100.	9.61e+01	96.100	% Recovery
14	ICSA		0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
14	ICSA		0		@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
14	ICSA		0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
14	ICSA		0		@ICP-QC	MG	QC	100.	1.01e+02	101.000	% Recovery
14	ICSA		0		@ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
14	ICSA		0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
14	ICSA		0		@ICP-QC	NA	QC	200	1.93e+02	96.500	% Recovery
14	ICSA		0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
14	ICSA		0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
14	ICSA		0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
14	ICSA		0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
14	ICSA		0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
14	ICSA		0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
14	ICSA		0	@ICP-QC	SE	QC	1	<1.00e-1		ug/g
14	ICSA		0	@ICP-QC	SI	QC	1	<5.00e-2		ug/g
14	ICSA		0	@ICP-QC	SM	QC	1	<1.00e-1		ug/g
14	ICSA		0	@ICP-QC	SR	QC	1	<1.00e-2		ug/g
14	ICSA		0	@ICP-QC	TI	QC	1	<1.00e-2		ug/g
14	ICSA		0	@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
14	ICSA		0	@ICP-QC	U	QC	1	<5.00e-1		ug/g
14	ICSA		0	@ICP-QC	V	QC	1	<5.00e-2		ug/g
14	ICSA		0	@ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
14	ICSA		0	@ICP-QC	ZR	QC	1	<1.00e-2		ug/g
15	ICSAB		0	@ICP-QC	AG	QC	1.0	1.01e+00	101.000	% Recovery
15	ICSAB		0	@ICP-QC	AL	QC	200	1.93e+02	96.500	% Recovery
15	ICSAB		0	@ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0	@ICP-QC	B	QC	1.0	<5.00e-2		ug/g
15	ICSAB		0	@ICP-QC	BA	QC	0.5	5.04e-01	100.800	% Recovery
15	ICSAB		0	@ICP-QC	BE	QC	0.5	4.99e-01	99.800	% Recovery
15	ICSAB		0	@ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0	@ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
15	ICSAB		0	@ICP-QC	CD	QC	1.0	9.83e-01	98.300	% Recovery
15	ICSAB		0	@ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0	@ICP-QC	CO	QC	0.5	4.90e-01	98.000	% Recovery
15	ICSAB		0	@ICP-QC	CR	QC	0.5	5.01e-01	100.200	% Recovery
15	ICSAB		0	@ICP-QC	CU	QC	0.5	4.99e-01	99.800	% Recovery
15	ICSAB		0	@ICP-QC	FE	QC	100	9.65e+01	96.500	% Recovery
15	ICSAB		0	@ICP-QC	K	QC	1.0	<5.00e-1		ug/g
15	ICSAB		0	@ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
15	ICSAB		0	@ICP-QC	LI	QC	1.0	9.25e-01	92.500	% Recovery
15	ICSAB		0	@ICP-QC	MG	QC	100.	1.01e+02	101.000	% Recovery
15	ICSAB		0	@ICP-QC	MN	QC	0.5	4.96e-01	99.200	% Recovery
15	ICSAB		0	@ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
15	ICSAB		0	@ICP-QC	NA	QC	200	1.90e+02	95.000	% Recovery
15	ICSAB		0	@ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0	@ICP-QC	NI	QC	1.0	9.74e-01	97.400	% Recovery
15	ICSAB		0	@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
15	ICSAB		0	@ICP-QC	PB	QC	1.0	9.96e-01	99.600	% Recovery
15	ICSAB		0	@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0	@ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
15	ICSAB		0	@ICP-QC	SE	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0	@ICP-QC	SI	QC	1.0	<5.00e-2		ug/g
15	ICSAB		0	@ICP-QC	SM	QC	1.0	<1.00e-1		ug/g
15	ICSAB		0	@ICP-QC	SR	QC	1.0	<1.00e-2		ug/g
15	ICSAB		0	@ICP-QC	TI	QC	1.0	<1.00e-2		ug/g
15	ICSAB		0	@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
15	ICSAB		0	@ICP-QC	U	QC	1.0	<5.00e-1		ug/g
15	ICSAB		0	@ICP-QC	V	QC	0.5	4.97e-01	99.400	% Recovery
15	ICSAB		0	@ICP-QC	ZN	QC	1.0	9.89e-01	98.900	% Recovery
15	ICSAB		0	@ICP-QC	ZR	QC	1.0	<1.00e-2		ug/g
16	CCV		0	@ICP-QC	AG	QC	5.0	4.91e+00	98.200	% Recovery
16	CCV		0	@ICP-QC	AL	QC	5.0	4.83e+00	96.600	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
16	CCV		0	@ICP-QC	AS	QC	5.0	5.01e+00	100.200	% Recovery
16	CCV		0	@ICP-QC	B	QC	5.0	5.11e+00	102.200	% Recovery
16	CCV		0	@ICP-QC	BA	QC	5.0	4.92e+00	98.400	% Recovery
16	CCV		0	@ICP-QC	BE	QC	5.0	5.12e+00	102.400	% Recovery
16	CCV		0	@ICP-QC	BI	QC	5.0	4.93e+00	98.600	% Recovery
16	CCV		0	@ICP-QC	CA	QC	5.0	4.91e+00	98.200	% Recovery
16	CCV		0	@ICP-QC	CD	QC	5.0	4.97e+00	99.400	% Recovery
16	CCV		0	@ICP-QC	CE	QC	5.0	4.98e+00	99.600	% Recovery
16	CCV		0	@ICP-QC	CO	QC	5.0	4.95e+00	99.000	% Recovery
16	CCV		0	@ICP-QC	CR	QC	5.0	4.96e+00	99.200	% Recovery
16	CCV		0	@ICP-QC	CU	QC	5.0	5.00e+00	100.000	% Recovery
16	CCV		0	@ICP-QC	FE	QC	5.0	5.13e+00	102.600	% Recovery
16	CCV		0	@ICP-QC	K	QC	5.0	5.20e+00	104.000	% Recovery
16	CCV		0	@ICP-QC	LA	QC	5.0	5.02e+00	100.400	% Recovery
16	CCV		0	@ICP-QC	LI	QC	5.0	4.88e+00	97.600	% Recovery
16	CCV		0	@ICP-QC	MG	QC	5.0	4.79e+00	95.800	% Recovery
16	CCV		0	@ICP-QC	MN	QC	5.0	4.99e+00	99.800	% Recovery
16	CCV		0	@ICP-QC	MO	QC	5.0	4.88e+00	97.600	% Recovery
16	CCV		0	@ICP-QC	NA	QC	5.0	4.95e+00	99.000	% Recovery
16	CCV		0	@ICP-QC	ND	QC	5.0	5.30e+00	106.000	% Recovery
16	CCV		0	@ICP-QC	NI	QC	5.0	4.95e+00	99.000	% Recovery
16	CCV		0	@ICP-QC	P	QC	5.0	4.79e+00	95.800	% Recovery
16	CCV		0	@ICP-QC	PB	QC	5.0	5.00e+00	100.000	% Recovery
16	CCV		0	@ICP-QC	S	QC	5.0	4.80e+00	96.000	% Recovery
16	CCV		0	@ICP-QC	SB	QC	5.0	4.70e+00	94.000	% Recovery
16	CCV		0	@ICP-QC	SE	QC	5.0	5.02e+00	100.400	% Recovery
16	CCV		0	@ICP-QC	SI	QC	5.0	4.73e+00	94.600	% Recovery
16	CCV		0	@ICP-QC	SM	QC	5.0	5.00e+00	100.000	% Recovery
16	CCV		0	@ICP-QC	SR	QC	5.0	4.92e+00	98.400	% Recovery
16	CCV		0	@ICP-QC	TI	QC	5.0	4.78e+00	95.600	% Recovery
16	CCV		0	@ICP-QC	TL	QC	5.0	4.85e+00	97.000	% Recovery
16	CCV		0	@ICP-QC	U	QC	10.0	9.89e+00	98.900	% Recovery
16	CCV		0	@ICP-QC	V	QC	5.0	5.05e+00	101.000	% Recovery
16	CCV		0	@ICP-QC	ZN	QC	5.0	5.06e+00	101.200	% Recovery
16	CCV		0	@ICP-QC	ZR	QC	5.0	4.94e+00	98.800	% Recovery
17	CCB		0	@ICP-QC	AG	QC	1	<1.00e-2		ug/g
17	CCB		0	@ICP-QC	AL	QC	1	<5.00e-2		ug/g
17	CCB		0	@ICP-QC	AS	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	B	QC	1	<5.00e-2		ug/g
17	CCB		0	@ICP-QC	BA	QC	1	<5.00e-2		ug/g
17	CCB		0	@ICP-QC	BE	QC	1	<5.00e-3		ug/g
17	CCB		0	@ICP-QC	BI	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	CA	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	CD	QC	1	<5.00e-3		ug/g
17	CCB		0	@ICP-QC	CE	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	CO	QC	1	<2.00e-2		ug/g
17	CCB		0	@ICP-QC	CR	QC	1	<1.00e-2		ug/g
17	CCB		0	@ICP-QC	CU	QC	1	<1.00e-2		ug/g
17	CCB		0	@ICP-QC	FE	QC	1	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7524

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
17	CCB		0	@ICP-QC	K	QC	1	<5.00e-1		ug/g
17	CCB		0	@ICP-QC	LA	QC	1	<5.00e-2		ug/g
17	CCB		0	@ICP-QC	LI	QC	1	<1.00e-2		ug/g
17	CCB		0	@ICP-QC	MG	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	MN	QC	1	<1.00e-2		ug/g
17	CCB		0	@ICP-QC	MO	QC	1	<5.00e-2		ug/g
17	CCB		0	@ICP-QC	NA	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	ND	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	NI	QC	1	<2.00e-2		ug/g
17	CCB		0	@ICP-QC	P	QC	1	<2.00e-1		ug/g
17	CCB		0	@ICP-QC	PB	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	S	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	SB	QC	1	<6.00e-2		ug/g
17	CCB		0	@ICP-QC	SE	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	SI	QC	1	<5.00e-2		ug/g
17	CCB		0	@ICP-QC	SM	QC	1	<1.00e-1		ug/g
17	CCB		0	@ICP-QC	SR	QC	1	<1.00e-2		ug/g
17	CCB		0	@ICP-QC	TI	QC	1	<1.00e-2		ug/g
17	CCB		0	@ICP-QC	TL	QC	1	<2.00e-1		ug/g
17	CCB		0	@ICP-QC	U	QC	1	<5.00e-1		ug/g
17	CCB		0	@ICP-QC	V	QC	1	<5.00e-2		ug/g
17	CCB		0	@ICP-QC	ZN	QC	1	<1.00e-2		ug/g
17	CCB		0	@ICP-QC	ZR	QC	1	<1.00e-2		ug/g

Final page for worklist# 7524

Analyst Signature Date

Analyst Signature Date

Samuel M. Parry 4/12/96
Reviewer Signature Date

Units shown for QC (BLK/BKG) may not reflect the actual units.

Identity 1: ICV Identity 2: Quality Control 3:09 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.961	5.016	4.982	4.733	4.880	4.932	5.107	5.141
S.D.	0.011	0.010	0.021	0.008	0.007	0.008	0.010	0.014
% R.S.D.	0.220	0.190	0.421	0.172	0.154	0.158	0.189	0.278

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.995	4.921	5.034	5.042	4.966	4.904	5.318	10.132
S.D.	0.010	0.014	0.014	0.022	0.013	0.005	0.024	0.012
% R.S.D.	0.192	0.286	0.281	0.432	0.260	0.105	0.451	0.121

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.153	5.095	5.040	4.878	4.864	4.749	5.034	5.109
S.D.	0.007	0.004	0.011	0.115	0.043	0.006	0.004	0.014
% R.S.D.	0.136	0.076	0.218	2.358	0.893	0.125	0.075	0.271

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.914	5.150	4.861	4.958	4.842	4.934	5.107	5.070
S.D.	0.005	0.033	0.010	0.021	0.009	0.009	0.012	0.005
% R.S.D.	0.108	0.645	0.197	0.425	0.178	0.186	0.240	0.106

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.925	4.733	5.030	5.156	4.870
S.D.	0.014	0.010	0.011	0.011	0.019
% R.S.D.	0.292	0.207	0.217	0.215	0.382

4-11-96 U-105 Fusion Digest
S96T001303, 1310
.250mL - 10mL
File # 960411B.DAT

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 966 TO 984.

Identity 1: ICB Identity 2: Quality Control 3:12 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.001	0.013	0.007	0.018	0.009	0.003	0.002
S.D.	0.001	0.001	0.010	0.003	0.008	0.002	0.001	0.001
% R.S.D.	129.084	70.770	80.253	40.457	42.828	19.270	40.926	47.000

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	-0.001	-0.001	0.002	0.003	0.003	0.013	0.083
S.D.	0.001	0.003	0.003	0.001	0.001	0.000	0.003	0.029
% R.S.D.	68.837	296.675	363.165	66.134	26.634	10.777	24.237	34.502

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.052	-0.013	0.002	0.014	0.000	0.001	-0.004	0.013
S.D.	0.008	0.005	0.001	0.018	0.003	0.001	0.001	0.003
% R.S.D.	15.953	41.655	54.991	127.760	622.566	123.322	28.559	20.379

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.038	0.004	0.005	0.001	-0.000	0.002	-0.094
S.D.	0.000	0.010	0.001	0.008	0.001	0.002	0.001	0.020
% R.S.D.	40.517	27.218	36.816	161.414	75.399	1146.228	44.271	21.021

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.012	0.003	0.001	0.067
S.D.	0.001	0.020	0.001	0.001	0.022
% R.S.D.	152.901	170.630	31.969	129.283	33.600

Identity 1: ICSA Identity 2: Quality Control 3:16 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.001	0.003	-0.007	0.007	194.780	0.013	0.002	0.001
S.D.	0.000	0.000	0.012	0.002	0.726	0.002	0.000	0.000
% R.S.D.	55.497	2.685	157.870	20.983	0.373	13.221	3.627	18.232

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.004	0.005	0.004	95.886	102.683	0.005	-0.021	-0.059
S.D.	0.000	0.002	0.002	0.121	0.111	0.001	0.012	0.020
% R.S.D.	7.317	37.377	53.340	0.126	0.108	25.344	57.445	34.362

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.049	0.015	0.004	0.031	0.010	102.680	0.051	193.579
S.D.	0.009	0.006	0.000	0.008	0.007	0.287	0.004	1.537
% R.S.D.	17.360	40.648	4.195	26.936	66.609	0.279	6.955	0.794

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.002	0.005	0.004	-0.020	0.000	-0.001	0.015	-0.046
S.D.	0.002	0.013	0.001	0.020	0.000	0.000	0.001	0.011
% R.S.D.	101.045	250.467	14.653	97.540	63.964	35.154	3.726	24.678

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.024	0.003	0.003	0.036
S.D.	0.000	0.009	0.001	0.000	0.016
% R.S.D.	41.135	39.017	18.080	3.860	44.046

Identity 1: ICSAB Identity 2: Quality Control 3:18 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.000	0.003	-0.004	0.015	193.352	0.488	0.502	0.933
S.D.	0.001	0.000	0.001	0.003	0.396	0.003	0.001	0.007
% R.S.D.	493.727	4.404	32.252	20.507	0.205	0.697	0.256	0.803

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.991	0.972	0.003	97.278	103.530	0.498	-0.014	0.123
S.D.	0.001	0.008	0.001	0.129	0.187	0.004	0.015	0.049
% R.S.D.	0.125	0.779	41.759	0.133	0.181	0.885	106.827	39.442

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.031	0.027	0.506	0.053	0.014	101.080	0.043	190.894
S.D.	0.017	0.010	0.001	0.004	0.009	0.251	0.006	1.461
% R.S.D.	53.867	38.312	0.186	8.309	65.358	0.248	13.988	0.765

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.003	0.055	1.014	1.034	0.002	0.989	0.014	-0.066
S.D.	0.001	0.012	0.001	0.006	0.000	0.001	0.001	0.025
% R.S.D.	29.505	22.093	0.092	0.610	13.374	0.110	5.929	37.819

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.497	0.046	0.498	0.502	0.039
S.D.	0.002	0.007	0.001	0.001	0.026
% R.S.D.	0.423	15.409	0.268	0.248	66.150

Identity 1: prepblkarl Identity 2: .250ml-10ml 3:24 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.001	-0.001	-0.010	0.031	0.012	0.002	0.001
S.D.	0.002	0.000	0.010	0.002	0.004	0.003	0.000	0.000
% R.S.D.	84.310	5.413	944.699	15.805	14.104	28.889	2.722	19.316

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.112	-0.000	0.011	0.046	0.003	0.012	-0.026
S.D.	0.000	0.002	0.001	0.003	0.003	0.001	0.006	0.044
% R.S.D.	10.168	1.625	170.793	32.657	6.210	36.810	46.634	168.810

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.046	-0.027	0.001	0.008	-0.007	0.003	0.004	0.087
S.D.	0.012	0.010	0.000	0.005	0.000	0.003	0.003	0.004
% R.S.D.	27.133	37.310	12.483	68.557	5.838	109.162	92.699	4.681

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.029	0.004	0.013	-0.000	0.001	-0.000	200.297
S.D.	0.001	0.010	0.001	0.003	0.000	0.001	0.001	1.212
% R.S.D.	1163.355	36.281	13.839	26.159	70.275	44.552	265.331	0.605

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	0.031	0.003	0.000	0.062
S.D.	0.000	0.013	0.000	0.000	0.014
% R.S.D.	24.933	41.297	4.623	8.018	22.278

Identity 1: S96T001303_L Identity 2: .250ml-10ml-2ml-8ml 3:28 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 205.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.015	0.123	-0.398	0.437	29.477	2.015	0.262	0.297
S.D.	0.147	0.013	0.596	0.713	0.079	0.604	0.103	0.039
% R.S.D.	981.490	10.714	149.710	162.976	0.267	29.944	39.137	13.248

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.233	6.890	0.001	1.969	1.532	2.820	2.556	2.131
S.D.	0.018	0.609	0.485	0.362	0.237	0.103	1.193	9.914
% R.S.D.	7.888	8.837	42451.970	18.397	15.443	3.639	46.664	465.293

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	12.536	-4.501	0.258	2.211	4.859	0.554	-2.627	435.552
S.D.	2.200	1.351	0.022	1.072	0.917	0.240	0.302	4.135
% R.S.D.	17.550	30.019	8.723	48.502	18.869	43.267	11.485	0.949

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.341	-0.792	0.555	-2.641	0.031	0.032	0.033	13091.727
S.D.	0.158	2.726	0.089	0.799	0.076	0.074	0.072	103.731
% R.S.D.	46.383	343.934	16.045	30.241	244.303	232.500	215.266	0.792

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.261	5.462	0.524	0.045	10.375
S.D.	0.085	1.356	0.138	0.026	3.132
% R.S.D.	32.543	24.835	26.359	56.699	30.187

Identity 1: S96T001303 Identity 2: .250ml-10ml 3:31 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.025	0.019	0.443	0.321	25.007	0.120	0.019	-0.003
S.D.	0.026	0.003	0.434	0.124	0.161	0.070	0.022	0.006
% R.S.D.	104.756	13.636	98.074	38.783	0.645	58.060	117.113	205.280

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.038	6.818	0.076	0.453	0.567	2.457	-0.200	4.471
S.D.	0.018	0.076	0.065	0.052	0.004	0.073	0.235	1.542
% R.S.D.	47.168	1.110	85.151	11.441	0.739	2.975	117.319	34.482

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.780	-0.250	0.030	3.186	5.184	0.053	-0.270	425.098
S.D.	0.389	0.263	0.008	0.078	0.164	0.004	0.066	3.808
% R.S.D.	49.915	105.193	25.115	2.447	3.167	7.217	24.334	0.896

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.055	0.554	0.083	0.325	0.017	0.039	0.016	12641.857
S.D.	0.048	0.316	0.017	0.047	0.023	0.039	0.025	77.514
% R.S.D.	87.822	57.009	20.492	14.417	136.123	101.005	157.566	0.613

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.198	1.895	-0.007	0.007	0.160
S.D.	0.007	0.227	0.015	0.005	0.747
% R.S.D.	3.322	11.952	200.761	82.041	467.836

Identity 1: S96T001303_D Identity 2: .250ml-10ml 3:34 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.152	0.025	0.067	0.396	25.899	0.040	0.053	0.020
S.D.	0.027	0.003	0.760	0.138	0.228	0.000	0.015	0.012
% R.S.D.	17.993	10.714	1141.359	34.933	0.880	0.458	28.719	59.917

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.220	45.848	-0.222	0.664	0.575	2.670	0.135	-0.611
S.D.	0.022	0.080	0.055	0.043	0.025	0.090	0.182	1.440
% R.S.D.	10.159	0.175	24.961	6.541	4.379	3.369	134.958	235.726

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	1.686	-1.035	0.043	2.174	5.143	0.051	-0.263	445.585
S.D.	0.387	0.184	0.008	0.384	0.216	0.018	0.139	2.690
% R.S.D.	22.985	17.781	18.545	17.643	4.191	34.510	52.988	0.604

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.116	0.415	0.120	0.318	0.001	-0.000	-0.001	11065.266
S.D.	0.034	0.201	0.032	0.626	0.019	0.011	0.016	84.243
% R.S.D.	29.617	48.385	26.419	196.868	1498.930	6060.700	1321.673	0.761

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.314	0.598	-0.009	0.012	3.430
S.D.	0.000	0.358	0.061	0.009	0.934
% R.S.D.	0.048	59.778	679.372	77.534	27.232

Identity 1: S96T001303_A Identity 2: .250ml-2ml-8ml 3:37 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	39.367	39.370	40.423	38.137	63.556	38.894	40.162	37.786
S.D.	0.128	0.106	0.161	0.031	0.155	0.185	0.085	0.210
% R.S.D.	0.325	0.268	0.397	0.081	0.243	0.475	0.211	0.555

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	39.645	45.611	40.084	40.760	39.768	41.559	42.444	77.194
S.D.	0.026	0.171	0.305	0.157	0.132	0.192	0.837	1.300
% R.S.D.	0.066	0.375	0.761	0.386	0.331	0.462	1.972	1.684

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	40.845	40.182	39.313	41.023	42.835	37.030	38.784	460.415
S.D.	0.215	0.226	0.119	1.595	0.685	0.050	0.448	2.033
% R.S.D.	0.526	0.563	0.304	3.887	1.600	0.136	1.155	0.441

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	38.604	40.204	33.919	39.254	37.999	38.977	39.683	12719.403
S.D.	0.074	0.549	0.030	0.397	0.080	0.026	0.189	47.817
% R.S.D.	0.192	1.367	0.088	1.011	0.209	0.066	0.475	0.376

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	39.642	36.264	40.202	39.828	39.539
S.D.	0.086	0.666	0.057	0.109	0.720
% R.S.D.	0.217	1.837	0.142	0.272	1.820

Identity 1: CCV Identity 2: Quality Control 3:39 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.954	4.944	4.941	4.745	4.846	4.962	5.031	4.963
S.D.	0.010	0.013	0.025	0.009	0.017	0.006	0.015	0.034
% R.S.D.	0.196	0.256	0.510	0.190	0.341	0.124	0.308	0.689

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.063	4.962	5.030	5.125	4.921	4.951	5.293	9.947
S.D.	0.007	0.011	0.004	0.018	0.012	0.015	0.016	0.011
% R.S.D.	0.143	0.213	0.071	0.341	0.251	0.298	0.295	0.112

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.018	5.031	4.951	4.805	4.835	4.791	5.049	4.976
S.D.	0.017	0.008	0.015	0.146	0.044	0.007	0.008	0.031
% R.S.D.	0.348	0.150	0.297	3.035	0.905	0.144	0.150	0.632

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.914	5.108	4.924	4.989	4.806	4.967	5.138	5.184
S.D.	0.012	0.011	0.005	0.037	0.011	0.013	0.019	0.003
% R.S.D.	0.237	0.216	0.099	0.748	0.222	0.264	0.372	0.058

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.989	4.690	5.059	5.144	4.829
S.D.	0.007	0.024	0.012	0.010	0.020
% R.S.D.	0.132	0.512	0.231	0.192	0.424

Identity 1: CCB Identity 2: Quality Control 3:42 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.002	0.002	-0.001	0.008	0.006	0.001	0.002	0.002
S.D.	0.001	0.001	0.003	0.001	0.002	0.003	0.001	0.001
% R.S.D.	59.051	85.811	453.567	17.578	33.529	303.529	90.388	69.762

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.002	0.005	0.003	0.002	0.004	0.001	0.002	0.089
S.D.	0.001	0.002	0.003	0.003	0.002	0.003	0.004	0.012
% R.S.D.	58.376	41.126	97.785	148.581	35.203	236.212	213.226	13.138

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.021	-0.005	0.002	-0.001	0.004	0.002	0.002	0.007
S.D.	0.002	0.001	0.001	0.011	0.004	0.001	0.009	0.004
% R.S.D.	8.603	20.655	72.884	1124.195	85.847	83.979	524.557	57.730

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.010	0.003	0.004	0.002	0.002	0.005	-0.091
S.D.	0.001	0.006	0.000	0.003	0.001	0.002	0.001	0.008
% R.S.D.	199.752	56.170	10.323	79.120	66.046	123.138	32.002	8.649

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	-0.033	-0.000	0.001	0.026
S.D.	0.001	0.010	0.002	0.001	0.005
% R.S.D.	133.821	30.289	6142.129	106.293	17.258

Identity 1: S96T001310_L Identity 2: .250ml-10ml-2ml-8ml 3:46 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 205.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.200	0.137	-2.168	0.227	51.622	0.404	0.263	0.224
S.D.	0.098	0.013	2.662	0.356	0.741	0.350	0.101	0.009
% R.S.D.	48.848	9.677	122.799	157.173	1.436	86.710	38.337	4.029

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.854	7.851	-0.372	1.352	1.871	3.633	0.187	-4.915
S.D.	0.091	0.518	0.164	0.162	0.073	0.348	1.320	7.879
% R.S.D.	10.609	6.601	44.019	11.961	3.882	9.581	705.237	160.304

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	7.007	-5.006	0.216	2.607	8.833	0.310	-0.996	395.384
S.D.	2.541	1.718	0.010	2.447	0.486	0.051	0.174	2.561
% R.S.D.	36.265	34.316	4.406	93.862	5.497	16.366	17.462	0.648

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.133	-1.950	0.510	0.891	-0.138	0.032	-0.108	11712.749
S.D.	0.341	2.138	0.172	2.748	0.066	0.156	0.032	87.200
% R.S.D.	257.157	109.644	33.685	308.479	47.612	488.671	30.017	0.744

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.486	-1.349	0.410	0.074	3.795
S.D.	0.033	2.663	0.043	0.025	2.319
% R.S.D.	6.785	197.447	10.570	33.630	61.104

Identity 1: S96T001310 Identity 2: .250ml-10ml 3:49 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.071	0.035	0.076	0.548	50.688	0.202	0.085	0.047
S.D.	0.039	0.003	0.184	0.166	0.196	0.070	0.016	0.006
% R.S.D.	55.126	7.500	240.863	30.266	0.387	34.553	18.787	13.904

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.078	7.466	-0.112	1.392	0.670	3.375	0.328	-2.323
S.D.	0.008	0.087	0.056	0.120	0.003	0.123	0.175	0.605
% R.S.D.	10.740	1.172	49.853	8.637	0.473	3.632	53.342	26.040

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	1.919	-1.000	0.063	3.711	9.188	0.066	-0.159	378.349
S.D.	0.403	0.121	0.007	0.229	0.167	0.004	0.152	3.173
% R.S.D.	21.006	12.129	10.513	6.177	1.818	5.774	95.360	0.839

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.135	-0.038	0.106	0.477	-0.019	0.058	0.089	11085.166
S.D.	0.024	0.303	0.008	0.160	0.012	0.015	0.028	84.885
% R.S.D.	17.574	807.645	7.232	33.631	64.217	25.661	31.839	0.766

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.513	0.734	0.056	0.036	2.041
S.D.	0.006	0.556	0.023	0.005	0.181
% R.S.D.	1.253	75.754	40.865	14.792	8.853

Identity 1: S96T001310_D Identity 2: .250ml-10ml 3:52 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.038	0.026	0.040	0.496	48.148	0.121	0.049	0.012
S.D.	0.087	0.003	0.534	0.195	0.273	0.070	0.017	0.010
% R.S.D.	230.721	11.547	1334.322	39.391	0.567	57.999	35.024	76.898

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.106	14.654	-0.036	1.291	0.601	3.286	-0.586	1.098
S.D.	0.007	0.225	0.033	0.100	0.017	0.087	0.166	2.302
% R.S.D.	6.250	1.536	90.689	7.781	2.900	2.640	28.231	209.624

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.191	-0.204	0.033	2.407	8.906	0.071	-0.273	361.991
S.D.	0.642	0.401	0.005	0.371	0.126	0.013	0.168	5.616
% R.S.D.	336.381	197.100	16.553	15.404	1.419	18.750	61.590	1.551

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.085	-0.791	0.005	-0.193	0.012	0.061	0.085	12141.941
S.D.	0.045	0.307	0.041	0.311	0.019	0.045	0.006	134.340
% R.S.D.	52.836	38.749	890.796	161.177	152.609	72.811	7.664	1.106

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.512	-0.240	-0.010	0.006	-0.639
S.D.	0.017	0.156	0.021	0.005	1.619
% R.S.D.	3.317	64.980	197.751	90.504	253.219

Identity 1: S96T001310_A Identity 2: .250ml-2ml-8ml 3:55 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 41.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	39.545	39.643	40.038	38.705	87.910	38.853	40.555	38.593
S.D.	0.030	0.070	0.056	0.100	0.267	0.121	0.053	0.342
% R.S.D.	0.076	0.177	0.139	0.258	0.304	0.311	0.131	0.886

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	39.309	46.492	40.196	41.197	39.098	42.529	42.577	79.733
S.D.	0.093	0.111	0.085	0.164	0.061	0.106	0.431	0.346
% R.S.D.	0.236	0.238	0.211	0.398	0.157	0.249	1.013	0.434

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	40.549	40.145	39.632	41.125	46.842	36.779	39.390	415.246
S.D.	0.137	0.004	0.071	0.244	0.639	0.060	0.457	3.878
% R.S.D.	0.337	0.010	0.178	0.594	1.365	0.163	1.159	0.934

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	38.629	41.604	32.666	39.090	38.192	38.789	39.840	11183.105
S.D.	0.066	0.565	0.004	0.347	0.104	0.120	0.168	88.439
% R.S.D.	0.170	1.357	0.012	0.888	0.272	0.310	0.421	0.791

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	39.717	38.036	39.995	40.063	38.405
S.D.	0.079	0.320	0.112	0.021	0.682
% R.S.D.	0.199	0.842	0.279	0.052	1.775

Identity 1: ICSA Identity 2: Quality Control 3:58 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.003	-0.005	0.012	193.571	0.004	0.002	0.002
S.D.	0.000	0.000	0.015	0.003	0.264	0.002	0.000	0.000
% R.S.D.	20.887	5.898	304.373	21.485	0.136	42.503	10.946	10.164

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.003	0.003	0.006	96.085	102.538	0.003	-0.005	0.037
S.D.	0.001	0.001	0.003	0.131	0.217	0.001	0.009	0.044
% R.S.D.	26.916	34.275	54.691	0.136	0.212	21.422	189.410	119.079

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.040	0.005	0.004	0.043	0.006	100.606	0.046	193.314
S.D.	0.010	0.009	0.000	0.007	0.009	0.316	0.006	1.086
% R.S.D.	26.028	172.234	0.422	15.408	142.736	0.314	13.160	0.562

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	-0.004	0.005	0.000	0.001	0.001	0.013	0.016
S.D.	0.001	0.010	0.001	0.006	0.000	0.000	0.001	0.048
% R.S.D.	34.413	222.926	20.793	2334.687	37.459	31.460	4.455	310.114

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	0.000	0.003	0.003	0.033
S.D.	0.000	0.010	0.001	0.000	0.025
% R.S.D.	279.273	3180.900	28.778	3.938	74.380

Identity 1: ICSAB Identity 2: Quality Control 4:00 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.003	-0.030	0.009	193.173	0.490	0.499	0.925
S.D.	0.001	0.000	0.006	0.002	0.787	0.006	0.002	0.002
% R.S.D.	29.633	2.308	19.038	26.356	0.407	1.251	0.326	0.233

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.989	0.974	0.003	96.548	102.703	0.501	0.011	0.051
S.D.	0.004	0.010	0.002	0.280	0.350	0.002	0.009	0.025
% R.S.D.	0.450	1.001	77.049	0.290	0.341	0.469	79.700	48.858

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.060	0.024	0.504	0.018	0.040	101.199	0.052	189.987
S.D.	0.009	0.003	0.002	0.003	0.006	0.577	0.008	0.401
% R.S.D.	14.984	13.751	0.368	18.613	15.940	0.570	16.185	0.211

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	0.041	1.010	0.996	0.001	0.983	0.015	0.096
S.D.	0.000	0.017	0.003	0.015	0.001	0.003	0.001	0.018
% R.S.D.	25.271	40.975	0.298	1.545	55.709	0.309	7.609	18.896

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.496	0.005	0.497	0.499	0.075
S.D.	0.002	0.005	0.001	0.001	0.011
% R.S.D.	0.405	99.937	0.190	0.176	14.599

Identity 1: CCV Identity 2: Quality Control 4:02 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.937	4.920	4.928	4.728	4.826	4.947	5.001	4.880
S.D.	0.009	0.004	0.018	0.003	0.010	0.011	0.007	0.050
% R.S.D.	0.184	0.079	0.374	0.072	0.215	0.215	0.137	1.035

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.063	4.950	5.016	5.135	4.911	4.955	5.301	9.892
S.D.	0.004	0.018	0.019	0.020	0.011	0.017	0.028	0.029
% R.S.D.	0.071	0.366	0.382	0.382	0.214	0.345	0.534	0.291

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.978	5.004	4.925	4.789	4.797	4.794	5.013	4.947
S.D.	0.008	0.002	0.004	0.098	0.053	0.015	0.013	0.050
% R.S.D.	0.158	0.035	0.079	2.040	1.107	0.319	0.256	1.013

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.882	5.017	4.909	4.999	4.783	4.966	5.110	5.197
S.D.	0.003	0.015	0.011	0.027	0.007	0.015	0.002	0.088
% R.S.D.	0.064	0.298	0.232	0.540	0.141	0.300	0.033	1.695

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.990	4.700	5.051	5.122	4.847
S.D.	0.014	0.034	0.011	0.006	0.010
% R.S.D.	0.271	0.720	0.227	0.124	0.209

Identity 1: CCB Identity 2: Quality Control 4:05 PM April 11, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.000	0.001	0.020	0.004	0.017	-0.000	0.001	0.001
S.D.	0.001	0.000	0.016	0.004	0.012	0.002	0.000	0.000
% R.S.D.	468.625	27.773	82.186	127.063	67.839	31822.994	30.071	44.410

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.001	0.000	0.008	0.010	0.001	-0.003	0.041
S.D.	0.001	0.001	0.001	0.006	0.002	0.000	0.002	0.025
% R.S.D.	74.998	133.763	7069.083	67.718	20.642	17.118	65.310	61.124

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.019	0.006	0.001	0.003	0.003	0.008	-0.009	0.033
S.D.	0.006	0.004	0.000	0.011	0.004	0.002	0.001	0.007
% R.S.D.	33.142	67.683	30.816	427.619	122.129	29.148	14.717	21.429

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.026	0.009	-0.009	0.001	0.001	0.005	-0.025
S.D.	0.002	0.014	0.000	0.010	0.000	0.000	0.001	0.013
% R.S.D.	313.235	55.730	4.892	115.086	28.874	0.246	20.064	53.754

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	0.015	0.001	0.001	-0.027
S.D.	0.000	0.025	0.001	0.000	0.007
% R.S.D.	104.297	171.509	176.690	21.029	25.173

FILE # 960506A.DAT

LABCORE Data Entry Template for Worklist# 7890

Analyst: B. GOECKE **Instrument:** ICP01 _____ **Book#** 53494A

Method: LA-505-151/~~161~~ 86 5-6-86 Rev/Mod 3-3

Worklist Comment: ICP U-105 (SOLID ACID DIGEST)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPSTDARL				@ICP-A01	SOLID		
6	PREPBLKARL				@ICP-A01	SOLID		
7	SERDIL	S96T000934	0	A	@ICP-A01	SOLID		
8	SAMPLE	S96T000934	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
	Analytes Requested:	AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01						
9	DUP	S96T000934	0	A	@ICP-A01	SOLID		
10	SPK-PREDIG	S96T000934	0	A	@ICP-A01	SOLID		
11	CCV				@ICP-QC	QC		
12	CCB				@ICP-QC	QC		
13	SERDIL	S96T000941	0	A	@ICP-A01	SOLID		
14	SAMPLE	S96T000941	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
	Analytes Requested:	AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 ,						

Data Entry Comments: Raw data are already multiplied by ICP dil. factor but not with sample prep. dil. factor w/c can be found in sample prep. worklist. Example for calculation of sample result:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

S96T00934 Al = $57.514 \frac{ug}{ml} \times \frac{1}{5.178 \frac{g}{L} \times \frac{1L}{1000 ml}} = 1.11e4 \ ug/g$

LABCORE Data Entry Template for Worklist# 7890

```
S Type        Sample#     R A  Test      Matrix        Group#   Project
                                MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 ,
                                P-A-01  , PB-A-01 , S-A-01  , SB-A-01 , SE-A-01 , SI-A-01 ,
                                SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01  , V-A-01  ,
                                ZN-A-01 , ZR-A-01

15 DUP        S96T000941 0 A  @ICP-A01 SOLID

16 SERDIL     S96T000948 0 A  @ICP-A01 SOLID

17 SAMPLE     S96T000948 0 A  @ICP-A01 SOLID          96000092 U-105 (R)
          Analytes Requested: AG-A-01 , AL-A-01 , AS-A-01 , B-A-01  , BA-A-01 ,
                              BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 ,
                              CR-A-01 , CU-A-01 , FE-A-01 , K-A-01  , LA-A-01 , LI-A-01 ,
                              MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 ,
                              P-A-01  , PB-A-01 , S-A-01  , SB-A-01 , SE-A-01 , SI-A-01 ,
                              SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01  , V-A-01  ,
                              ZN-A-01 , ZR-A-01

18 DUP        S96T000948 0 A  @ICP-A01 SOLID

19 SERDIL     S96T000955 0 A  @ICP-A01 SOLID

20 SAMPLE     S96T000955 0 A  @ICP-A01 SOLID          96000092 U-105 (R)
          Analytes Requested: AG-A-01 , AL-A-01 , AS-A-01 , B-A-01  , BA-A-01 ,
                              BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 ,
                              CR-A-01 , CU-A-01 , FE-A-01 , K-A-01  , LA-A-01 , LI-A-01 ,
                              MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 ,
                              P-A-01  , PB-A-01 , S-A-01  , SB-A-01 , SE-A-01 , SI-A-01 ,
                              SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01  , V-A-01  ,
                              ZN-A-01 , ZR-A-01

21 DUP        S96T000955 0 A  @ICP-A01 SOLID

22 CCV                        @ICP-QC  QC

23 CCB                        @ICP-QC  QC

24 SERDIL     S96T000962 0 A  @ICP-A01 SOLID

25 SAMPLE     S96T000962 0 A  @ICP-A01 SOLID          96000092 U-105 (R)
          Analytes Requested: AG-A-01 , AL-A-01 , AS-A-01 , B-A-01  , BA-A-01 ,
                              BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 ,
                              CR-A-01 , CU-A-01 , FE-A-01 , K-A-01  , LA-A-01 , LI-A-01 ,
                              MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 ,
```

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7890

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
					P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
26	DUP	S96T000962	0	A	@ICP-A01	SOLID		
27	SERDIL	S96T000969	0	A	@ICP-A01	SOLID		
28	SAMPLE	S96T000969	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
		Analytes Requested:			AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
29	DUP	S96T000969	0	A	@ICP-A01	SOLID		
30	ICSA				@ICP-QC	QC		
31	ICSAB				@ICP-QC	QC		
32	CCV				@ICP-QC	QC		
33	CCB				@ICP-QC	QC		

Final page for worklist # 7890

5-6-96

Analyst Signature	DF	Date
PREDIGEST	1	
PREPBLANK	1	
S96T000934_C	25	
934	5	
934_D	5	
934_S	5	
S96T000941_C	25	
941	5	
941_D	5	
S96T000948_C	25	
948	5	
948_D	5	

Analyst Signature	DF	Date
S96T000955_C	25	
955	5	
955_D	5	
S96T000962_C	25	
962	5	
962_D	5	
S96T000969_C	25	
969	5	
969_D	5	

Data Entry Comments: Spiking amount for all element is 5.0 ppm except Ag = 1.0 and U = 10.0 ppm. This is a pre-digestion spike which is different from the post spike. Example for calculation of Spike Recovery:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

S96T000934 $B = \frac{5.33 - 0.704}{5} \times 100 = 92.52\ \%$

B

Identity 1: ICV Identity 2: Quality Control 10:47 AM May 6, 1996

Task name : OPTIMA

Sample Weight : 1.0000 Solution Volume : 1.00

On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.934	4.937	4.920	4.712	4.855	4.991	5.035	4.930
S.D.	0.018	0.017	0.032	0.012	0.005	0.020	0.016	0.036
% R.S.D.	0.362	0.340	0.644	0.252	0.095	0.398	0.317	0.723

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.999	4.973	5.004	5.073	5.018	4.977	5.163	9.957
S.D.	0.009	0.008	0.015	0.033	0.020	0.016	0.036	0.032
% R.S.D.	0.177	0.168	0.305	0.648	0.403	0.327	0.707	0.319

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.969	5.038	4.959	4.989	4.814	4.855	5.012	4.852
S.D.	0.009	0.015	0.018	0.061	0.029	0.012	0.017	0.038
% R.S.D.	0.172	0.306	0.373	1.222	0.608	0.238	0.334	0.781

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.954	5.162	4.854	4.987	4.845	4.977	5.048	4.781
S.D.	0.012	0.045	0.010	0.040	0.013	0.015	0.010	0.035
% R.S.D.	0.241	0.873	0.212	0.803	0.259	0.308	0.197	0.725

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.958	4.623	5.044	5.159	4.759
S.D.	0.012	0.016	0.014	0.013	0.014
% R.S.D.	0.241	0.354	0.268	0.247	0.288

[signature]
5-6-96

U-105 acid digest

596TW0 934, 941, 948, 955, 962, 969

2nd-8nd, 5X

File # 960506A.DAT

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 988 TO 1020.

Identity 1: ICB Identity 2: Quality Control 10:50 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.000	0.000	-0.005	0.006	-0.025	-0.004	-0.001	-0.000
S.D.	0.000	0.000	0.012	0.002	0.002	0.000	0.000	0.000
% R.S.D.	28.741	487.981	230.423	31.048	8.629	0.040	48.628	156.188

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.000	0.001	0.001	-0.004	0.001	-0.001	-0.020	-0.011
S.D.	0.000	0.001	0.002	0.002	0.000	0.001	0.003	0.013
% R.S.D.	40.667	93.397	153.486	45.845	54.111	118.644	16.746	115.477

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.039	0.008	-0.000	-0.015	0.007	0.000	0.004	-0.010
S.D.	0.001	0.004	0.000	0.009	0.002	0.000	0.003	0.000
% R.S.D.	3.587	44.843	212.034	58.783	34.839	125.831	82.105	0.004

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.003	-0.064	-0.001	0.002	0.000	-0.000	0.002	-0.152
S.D.	0.001	0.006	0.000	0.005	0.000	0.000	0.001	0.008
% R.S.D.	27.961	8.712	23.525	330.304	126.631	43.418	38.938	5.449

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	-0.020	-0.004	0.000	-0.017
S.D.	0.000	0.032	0.001	0.000	0.005
% R.S.D.	229.984	161.285	15.271	100.604	28.560

Identity 1: ICSA Identity 2: Quality Control 10:52 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.002	-0.016	0.017	199.502	0.000	0.002	0.001
S.D.	0.002	0.001	0.006	0.002	0.633	0.000	0.001	0.001
% R.S.D.	148.673	31.046	39.944	9.402	0.317	1.434	61.628	105.034

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.006	0.006	0.004	95.826	99.550	0.001	-0.004	0.006
S.D.	0.000	0.001	0.000	0.041	0.220	0.003	0.005	0.055
% R.S.D.	8.106	23.597	1.169	0.043	0.221	460.606	125.011	881.322

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.004	0.017	0.003	0.037	0.060	95.286	0.052	190.496
S.D.	0.016	0.013	0.001	0.004	0.002	0.153	0.003	1.340
% R.S.D.	436.991	75.780	25.315	12.084	3.594	0.161	5.249	0.703

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	-0.055	0.001	-0.044	0.001	0.001	0.013	-0.128
S.D.	0.002	0.028	0.001	0.006	0.001	0.001	0.000	0.023
% R.S.D.	207.082	50.679	170.763	12.947	154.310	63.391	2.844	17.896

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.004	0.021	-0.001	0.003	0.014
S.D.	0.001	0.023	0.001	0.000	0.028
% R.S.D.	21.594	110.357	123.929	14.400	197.285

Identity 1: ICSAB Identity 2: Quality Control 10:55 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.002	0.002	-0.042	0.013	198.239	0.500	0.500	0.937
S.D.	0.001	0.000	0.003	0.000	0.450	0.005	0.001	0.003
% R.S.D.	42.040	1.843	6.457	3.435	0.227	0.943	0.132	0.291

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.004	0.986	0.003	96.786	100.148	0.507	-0.003	0.068
S.D.	0.003	0.001	0.003	0.151	0.209	0.006	0.009	0.024
% R.S.D.	0.336	0.063	109.702	0.156	0.209	1.203	286.432	35.254

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.007	0.040	0.508	0.028	0.083	97.258	0.045	190.880
S.D.	0.008	0.003	0.001	0.017	0.009	0.312	0.004	0.568
% R.S.D.	118.694	8.390	0.183	59.121	10.529	0.321	7.798	0.298

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.005	1.013	1.000	0.000	1.007	0.014	-0.045
S.D.	0.001	0.017	0.001	0.012	0.000	0.001	0.002	0.003
% R.S.D.	93.995	361.735	0.119	1.189	15.829	0.096	14.854	5.704

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.505	-0.018	0.498	0.507	0.002
S.D.	0.001	0.006	0.001	0.001	0.008
% R.S.D.	0.113	32.928	0.216	0.239	417.911

Identity 1: prepstdarl Identity 2: direct 10:58 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	5.448	5.092	5.057	7.976	5.194	5.245	4.948	5.060
S.D.	0.010	0.011	0.015	0.024	0.004	0.011	0.011	0.053
% R.S.D.	0.192	0.219	0.292	0.302	0.068	0.207	0.215	1.048

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.108	5.227	5.181	5.166	5.266	5.102	5.196	10.253
S.D.	0.003	0.007	0.010	0.007	0.008	0.005	0.006	0.022
% R.S.D.	0.061	0.132	0.202	0.128	0.144	0.103	0.116	0.211

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.235	5.206	5.114	5.276	5.103	4.987	5.207	5.890
S.D.	0.040	0.013	0.010	0.131	0.036	0.017	0.034	0.058
% R.S.D.	0.759	0.244	0.202	2.480	0.699	0.337	0.653	0.978

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.070	5.107	0.183	5.079	4.743	5.146	5.821	5.032
S.D.	0.024	0.012	0.001	0.017	0.011	0.012	0.018	0.042
% R.S.D.	0.483	0.235	0.451	0.338	0.228	0.234	0.304	0.834

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	5.117	5.094	5.113	5.266	4.879
S.D.	0.012	0.045	0.007	0.006	0.016
% R.S.D.	0.241	0.880	0.129	0.122	0.318

Identity 1: prepblkarl Identity 2: direct 11:01 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.000	0.000	-0.009	0.188	0.051	-0.002	0.006	-0.000
S.D.	0.000	0.000	0.011	0.004	0.006	0.002	0.001	0.000
% R.S.D.	83.707	14.434	123.727	1.967	12.163	86.629	10.912	114.455

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.028	0.003	0.001	0.030	0.166	-0.001	-0.004	-0.039
S.D.	0.000	0.003	0.002	0.000	0.001	0.001	0.001	0.028
% R.S.D.	1.598	81.134	156.660	1.452	0.543	147.127	37.568	70.473

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.020	0.027	0.000	-0.007	0.035	0.034	-0.006	0.851
S.D.	0.006	0.005	0.000	0.005	0.006	0.000	0.001	0.004
% R.S.D.	29.652	20.062	4.330	62.151	16.554	0.769	23.544	0.434

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.036	0.000	-0.008	0.001	-0.001	0.636	-0.123
S.D.	0.000	0.004	0.001	0.009	0.001	0.001	0.006	0.003
% R.S.D.	101.848	11.233	211.917	116.838	56.712	143.033	0.978	2.098

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	0.008	-0.003	-0.000	-0.042
S.D.	0.000	0.019	0.001	0.000	0.021
% R.S.D.	67.063	237.070	27.724	4555.309	50.125

Identity 1: S96T000934_L Identity 2: 2ml-8ml-2ml-8ml 11:05 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.054	0.023	0.013	3.452	57.102	0.000	0.042	0.001
S.D.	0.025	0.003	0.017	0.103	0.231	0.089	0.018	0.003
% R.S.D.	47.127	12.674	131.247	2.981	0.404	49606.753	44.027	541.891

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.188	0.840	0.093	5.683	2.577	19.090	-0.001	-0.113
S.D.	0.015	0.051	0.060	0.073	0.004	0.249	0.285	1.035
% R.S.D.	7.952	6.082	64.801	1.281	0.143	1.304	47703.094	915.775

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.210	0.216	0.027	6.069	40.994	0.250	-0.128	976.236
S.D.	0.314	0.210	0.007	0.440	0.594	0.003	0.079	10.680
% R.S.D.	149.392	97.154	27.264	7.244	1.450	1.001	61.971	1.094

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.134	1.488	0.018	0.292	0.043	0.079	0.741	6.481
S.D.	0.025	0.380	0.017	0.189	0.013	0.007	0.067	0.171
% R.S.D.	18.300	25.520	96.864	64.770	30.227	9.056	9.062	2.633

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.729	-0.660	-0.030	-0.006	-0.827
S.D.	0.011	0.365	0.005	0.006	0.507
% R.S.D.	0.625	55.251	16.442	89.035	61.344

Identity 1: S96T000934 Identity 2: 2ml-8ml 11:08 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.097	0.022	0.050	3.464	57.514	0.015	0.046	0.003
S.D.	0.007	0.001	0.043	0.027	0.274	0.018	0.001	0.001
% R.S.D.	7.554	5.242	86.895	0.773	0.476	115.868	2.805	34.349

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.094	0.804	0.103	5.776	2.684	19.228	0.283	1.333
S.D.	0.003	0.008	0.007	0.026	0.008	0.042	0.024	0.154
% R.S.D.	3.327	1.016	6.779	0.450	0.293	0.216	8.589	11.571

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.048	0.124	0.027	6.567	41.254	0.245	0.017	953.467
S.D.	0.047	0.019	0.001	0.126	0.407	0.002	0.006	5.753
% R.S.D.	97.252	15.210	5.350	1.919	0.986	0.614	35.003	0.603

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.187	1.250	-0.007	0.790	0.036	0.097	0.704	8.358
S.D.	0.010	0.068	0.003	0.050	0.001	0.004	0.008	0.084
% R.S.D.	5.492	5.428	44.620	6.278	3.462	3.835	1.199	1.011

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.733	-0.255	-0.016	0.001	-0.234
S.D.	0.009	0.029	0.004	0.001	0.096
% R.S.D.	0.539	11.454	26.317	130.616	40.970

Identity 1: S96T000934_D Identity 2: 2ml-8ml 11:11 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.088	0.017	0.040	2.782	47.885	-0.041	0.043	-0.003
S.D.	0.003	0.001	0.028	0.025	0.130	0.009	0.000	0.002
% R.S.D.	3.876	3.947	70.578	0.901	0.272	21.631	1.133	60.417

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.098	0.728	0.080	4.507	1.698	16.844	0.124	1.225
S.D.	0.001	0.003	0.011	0.027	0.006	0.073	0.049	0.275
% R.S.D.	0.620	0.402	13.451	0.601	0.345	0.434	39.252	22.447

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.108	0.155	0.021	4.849	37.544	0.215	0.003	859.575
S.D.	0.071	0.041	0.001	0.145	0.599	0.001	0.013	1.147
% R.S.D.	65.266	26.351	6.636	2.981	1.596	0.617	462.677	0.133

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.163	1.355	-0.011	0.718	0.041	0.083	0.786	7.192
S.D.	0.004	0.071	0.004	0.030	0.000	0.004	0.011	0.098
% R.S.D.	2.273	5.261	32.946	4.205	1.146	4.293	1.411	1.356

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	1.536	-0.049	-0.030	-0.001	-0.329
S.D.	0.005	0.119	0.002	0.001	0.038
% R.S.D.	0.348	241.249	6.022	80.697	11.429

Identity 1: S96T000934_S Identity 2: 2ml-8ml 11:13 AM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.340	4.487	4.388	6.334	57.595	4.493	4.439	4.310
S.D.	0.003	0.008	0.037	0.003	0.143	0.015	0.011	0.028
% R.S.D.	0.077	0.174	0.851	0.049	0.249	0.344	0.239	0.645

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.427	5.259	4.687	10.362	6.263	21.492	4.942	9.865
S.D.	0.002	0.034	0.014	0.032	0.012	0.012	0.027	0.100
% R.S.D.	0.041	0.642	0.297	0.310	0.186	0.056	0.544	1.009

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.466	4.637	4.513	9.186	41.112	4.475	4.388	880.283
S.D.	0.009	0.001	0.009	0.181	0.340	0.003	0.012	5.014
% R.S.D.	0.209	0.013	0.189	1.976	0.828	0.059	0.266	0.570

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.425	5.642	0.031	5.096	4.170	4.508	5.330	11.538
S.D.	0.023	0.134	0.001	0.030	0.001	0.017	0.006	0.039
% R.S.D.	0.514	2.380	4.075	0.597	0.021	0.377	0.111	0.341

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	6.013	4.396	4.421	4.557	3.910
S.D.	0.011	0.109	0.008	0.009	0.057
% R.S.D.	0.175	2.491	0.172	0.202	1.465

Identity 1: CCV Identity 2: Quality Control 1:19 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.946	4.915	4.916	4.667	4.793	4.956	5.005	4.817
S.D.	0.011	0.019	0.003	0.007	0.021	0.006	0.022	0.043
% R.S.D.	0.217	0.396	0.053	0.152	0.442	0.130	0.430	0.887

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.987	4.965	5.025	5.112	5.009	4.966	5.288	9.824
S.D.	0.005	0.013	0.009	0.007	0.015	0.011	0.023	0.010
% R.S.D.	0.104	0.262	0.178	0.139	0.298	0.228	0.436	0.097

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.885	5.034	4.925	5.078	4.787	4.832	4.982	4.769
S.D.	0.011	0.013	0.022	0.028	0.009	0.005	0.015	0.035
% R.S.D.	0.233	0.255	0.437	0.554	0.182	0.101	0.308	0.741

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.870	5.105	4.850	5.039	4.784	4.991	5.058	4.793
S.D.	0.013	0.037	0.003	0.012	0.014	0.007	0.018	0.025
% R.S.D.	0.275	0.717	0.065	0.231	0.287	0.137	0.356	0.513

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.966	4.611	5.050	5.165	4.718
S.D.	0.006	0.010	0.008	0.010	0.015
% R.S.D.	0.123	0.223	0.156	0.191	0.323

Identity 1: CCB Identity 2: Quality Control 1:22 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.002	0.000	-0.014	0.006	-0.022	-0.007	-0.001	-0.000
S.D.	0.001	0.000	0.014	0.002	0.003	0.000	0.000	0.000
% R.S.D.	38.084	171.053	104.030	30.538	15.953	0.052	61.191	108.986

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.000	0.003	0.001	-0.007	-0.007	-0.004	-0.015	0.060
S.D.	0.000	0.001	0.002	0.002	0.000	0.001	0.006	0.029
% R.S.D.	126.512	32.368	150.319	32.988	4.588	25.261	42.092	49.109

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.028	0.029	0.000	-0.017	0.012	0.000	-0.011	-0.014
S.D.	0.013	0.010	0.000	0.008	0.005	0.000	0.002	0.004
% R.S.D.	45.893	34.448	622153415760.000	47.170	39.628	104.083	17.227	25.463

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.002	-0.001	-0.014	0.001	0.001	0.003	-0.184
S.D.	0.000	0.005	0.001	0.006	0.001	0.001	0.001	0.012
% R.S.D.	28.867	347.740	91.275	45.019	47.126	127.835	40.189	6.475

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.001	-0.040	-0.004	0.000	-0.053
S.D.	0.000	0.020	0.000	0.000	0.022
% R.S.D.	64.894	49.091	12.912	297.979	42.324

Identity 1: S96T000941_1 Identity 2: 2ml-8ml-2ml-8ml 1:26 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.054	0.016	-0.315	1.294	38.827	-0.103	0.042	0.005
S.D.	0.025	0.001	0.104	0.043	0.134	0.077	0.003	0.001
% R.S.D.	47.322	6.186	32.914	3.329	0.346	74.959	8.250	21.939

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.311	0.789	0.116	1.897	2.237	9.065	0.231	1.497
S.D.	0.003	0.038	0.020	0.075	0.008	0.028	0.089	0.820
% R.S.D.	0.977	4.844	17.510	3.956	0.357	0.309	38.512	54.800

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.213	0.060	0.021	4.477	20.052	0.124	0.181	986.639
S.D.	0.152	0.165	0.002	0.352	0.345	0.003	0.008	4.403
% R.S.D.	71.234	275.203	8.660	7.865	1.718	2.014	4.617	0.446

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.115	-0.060	0.029	0.282	0.019	0.051	0.573	3.358
S.D.	0.021	0.437	0.013	0.114	0.007	0.011	0.004	0.268
% R.S.D.	18.174	729.404	43.623	40.333	36.887	20.935	0.685	7.988

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.681	-1.149	-0.085	0.002	0.006
S.D.	0.004	0.539	0.011	0.007	0.573
% R.S.D.	0.607	46.929	12.747	370.908	10323.611

Identity 1: S96T000941 Identity 2: 2ml-8ml 1:29 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.039	0.014	0.039	1.177	39.802	0.010	0.030	0.000
S.D.	0.003	0.001	0.063	0.015	0.033	0.000	0.001	0.001
% R.S.D.	7.920	5.077	164.485	1.257	0.083	0.177	4.864	991.355

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.110	0.772	0.037	2.020	2.371	9.430	0.133	0.621
S.D.	0.002	0.006	0.015	0.028	0.010	0.046	0.005	0.140
% R.S.D.	1.376	0.826	38.771	1.390	0.438	0.490	3.487	22.499

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.075	0.142	0.014	4.786	20.182	0.127	-0.009	972.907
S.D.	0.015	0.016	0.000	0.100	0.270	0.001	0.012	7.168
% R.S.D.	20.434	11.223	3.231	2.089	1.338	0.787	128.733	0.737

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.147	0.461	-0.006	0.356	0.005	0.061	0.614	6.352
S.D.	0.006	0.030	0.001	0.029	0.001	0.002	0.007	0.046
% R.S.D.	4.106	6.488	19.591	8.199	18.429	3.084	1.150	0.731

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.721	-0.132	-0.023	0.002	-0.237
S.D.	0.003	0.028	0.005	0.001	0.044
% R.S.D.	0.390	21.061	20.935	55.338	18.663

Identity 1: S96T000941_C Identity 2: 2ml-8ml 1:32 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.049	0.009	0.064	1.414	39.962	-0.016	0.027	-0.002
S.D.	0.010	0.001	0.028	0.013	0.040	0.009	0.001	0.003
% R.S.D.	19.707	11.481	43.167	0.940	0.101	57.243	4.699	135.138

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.072	0.756	0.063	1.991	1.481	9.637	0.006	1.120
S.D.	0.003	0.011	0.011	0.013	0.002	0.021	0.002	0.340
% R.S.D.	4.705	1.462	16.955	0.629	0.144	0.221	38.444	30.360

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.207	0.111	0.011	5.010	20.244	0.098	-0.008	959.372
S.D.	0.085	0.072	0.002	0.066	0.154	0.001	0.020	3.100
% R.S.D.	41.042	64.716	17.321	1.319	0.759	1.022	240.301	0.323

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.138	0.554	-0.014	0.237	0.008	0.066	0.690	6.034
S.D.	0.008	0.074	0.005	0.041	0.002	0.003	0.006	0.086
% R.S.D.	5.593	13.367	33.033	17.186	28.532	3.892	0.904	1.422

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.725	-0.038	-0.027	-0.001	-0.232
S.D.	0.004	0.080	0.005	0.001	0.139
% R.S.D.	0.593	211.963	18.471	64.961	59.720

Identity 1: S96T000948_1 Icentity 2: 2ml-8ml-2ml-8ml 1:36 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.025	0.017	-0.375	0.644	70.056	-0.000	0.051	0.017
S.D.	0.034	0.003	0.178	0.095	0.174	0.045	0.008	0.005
% R.S.D.	135.790	14.783	47.549	14.787	0.248	35768.254	15.302	29.604

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.064	1.490	0.024	2.103	1.906	9.399	0.245	1.620
S.D.	0.012	0.073	0.035	0.075	0.008	0.091	0.286	1.074
% R.S.D.	19.467	4.888	145.932	3.550	0.419	0.963	116.607	66.299

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.604	0.077	0.027	4.664	17.954	0.114	-0.048	1053.309
S.D.	0.288	0.214	0.002	0.240	0.104	0.004	0.130	3.645
% R.S.D.	47.730	277.936	7.559	5.138	0.579	3.798	271.378	0.346

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.166	0.406	0.038	-0.030	0.008	0.094	0.574	4.132
S.D.	0.031	0.164	0.015	0.253	0.009	0.022	0.011	0.037
% R.S.D.	18.450	40.341	37.764	831.892	108.045	23.644	1.920	0.900

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.758	-0.945	-0.037	0.004	0.316
S.D.	0.004	0.661	0.013	0.003	0.845
% R.S.D.	0.524	69.927	34.557	88.326	267.576

Identity 1: S96T000948 Identity 2: 2ml-8ml 1:39 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.044	0.013	0.001	0.620	70.216	0.026	0.044	-0.000
S.D.	0.004	0.000	0.074	0.025	0.155	0.015	0.002	0.001
% R.S.D.	9.766	2.521	5561.211	4.105	0.220	60.071	5.287	1140.200

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.081	1.462	0.054	2.203	2.104	9.464	0.103	0.540
S.D.	0.004	0.014	0.000	0.010	0.009	0.043	0.039	0.224
% R.S.D.	4.428	0.930	0.193	0.475	0.437	0.457	37.588	41.444

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.035	0.181	0.015	5.539	18.073	0.115	-0.035	1019.499
S.D.	0.063	0.060	0.001	0.146	0.099	0.001	0.028	0.737
% R.S.D.	179.375	33.237	5.901	2.639	0.549	0.435	80.685	0.072

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.197	0.678	-0.004	0.463	0.009	0.084	0.631	7.645
S.D.	0.010	0.142	0.002	0.048	0.002	0.006	0.009	0.084
% R.S.D.	4.954	20.875	50.699	10.350	21.279	6.919	1.464	1.096

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.784	-0.184	-0.012	0.004	-0.140
S.D.	0.001	0.066	0.004	0.001	0.121
% R.S.D.	0.102	35.633	36.588	18.359	86.777

Identity 1: S96T000948_D Identity 2: 2ml-8ml 1:42 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.046	0.012	0.011	0.628	70.366	-0.000	0.044	-0.003
S.D.	0.003	0.000	0.074	0.014	0.249	0.009	0.004	0.001
% R.S.D.	7.054	2.727	658.641	2.160	0.353	17861.442	9.538	38.280

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.091	1.465	0.042	2.242	2.180	9.724	0.144	0.996
S.D.	0.002	0.017	0.011	0.023	0.003	0.028	0.029	0.121
% R.S.D.	1.992	1.130	25.132	1.019	0.115	0.283	20.281	12.204

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.079	0.167	0.014	4.718	17.797	0.116	-0.008	1057.441
S.D.	0.015	0.020	0.001	0.016	0.087	0.000	0.030	9.050
% R.S.D.	19.511	11.659	3.807	0.333	0.488	0.000	376.849	0.856

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.202	0.589	-0.005	0.357	0.008	0.083	0.599	7.486
S.D.	0.005	0.076	0.001	0.132	0.003	0.008	0.007	0.112
% R.S.D.	2.300	12.962	16.463	36.854	38.109	9.804	1.151	1.500

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.794	0.172	-0.024	0.002	-0.297
S.D.	0.004	0.181	0.005	0.001	0.093
% R.S.D.	0.529	105.360	21.513	39.951	31.422

Identity 1: S96T000955_L Identity 2: 2ml-8ml-2ml-8ml 1:45 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.050	0.013	0.227	1.228	67.316	0.026	0.079	0.002
S.D.	0.025	0.000	0.298	0.059	0.114	0.045	0.003	0.003
% R.S.D.	50.989	0.000	131.298	4.832	0.170	174.278	3.324	120.021

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.414	1.318	0.082	2.301	2.293	8.073	0.223	1.593
S.D.	0.018	0.022	0.053	0.059	0.001	0.030	0.160	0.452
% R.S.D.	4.290	1.687	64.769	2.586	0.045	0.368	71.414	28.400

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.223	0.109	0.021	6.773	16.539	0.216	-0.008	962.338
S.D.	0.136	0.057	0.000	0.225	0.117	0.003	0.144	3.307
% R.S.D.	61.093	51.902	2.192	3.323	0.709	1.162	1790.042	0.344

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.205	0.395	0.025	-0.006	0.023	0.049	0.595	3.808
S.D.	0.034	0.345	0.002	0.125	0.004	0.023	0.022	0.355
% R.S.D.	16.372	87.165	9.716	2012.327	18.991	47.828	3.744	9.317

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.683	-0.501	-0.070	-0.002	-1.278
S.D.	0.011	0.680	0.013	0.003	0.286
% R.S.D.	1.561	135.757	18.111	165.537	22.389

Identity 1: S96T000955 Identity 2: 2ml-8ml 1:48 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.037	0.012	0.060	1.104	67.828	0.000	0.061	0.000
S.D.	0.005	0.000	0.034	0.008	0.252	0.018	0.001	0.002
% R.S.D.	13.146	3.121	56.309	0.764	0.372	198475.309	2.334	1365.976

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.307	1.237	0.033	2.528	2.437	8.196	0.082	0.444
S.D.	0.005	0.010	0.007	0.022	0.013	0.019	0.040	0.291
% R.S.D.	1.703	0.843	21.514	0.887	0.532	0.237	49.208	65.570

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.017	0.081	0.017	6.941	16.937	0.214	-0.021	926.416
S.D.	0.084	0.049	0.001	0.161	0.138	0.001	0.020	1.732
% R.S.D.	483.855	61.037	8.711	2.318	0.817	0.468	94.648	0.187

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.182	0.513	-0.004	0.293	0.004	0.067	0.693	7.219
S.D.	0.002	0.048	0.003	0.056	0.002	0.006	0.010	0.149
% R.S.D.	0.825	9.313	76.717	19.228	53.575	8.681	1.374	2.069

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.697	0.019	-0.014	0.001	0.013
S.D.	0.008	0.022	0.003	0.001	0.116
% R.S.D.	1.183	113.256	19.475	125.460	863.551

Identity 1: S96T000955_D Identity 2: 2ml-8ml 1:51 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.042	0.009	-0.035	1.734	66.122	-0.031	0.044	-0.004
S.D.	0.005	0.001	0.039	0.025	0.153	0.018	0.001	0.001
% R.S.D.	12.043	5.589	112.717	1.466	0.232	57.620	1.203	36.470

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.066	1.201	0.065	1.829	1.712	7.951	0.033	0.792
S.D.	0.001	0.019	0.014	0.049	0.006	0.031	0.029	0.140
% R.S.D.	1.396	1.544	22.028	2.657	0.328	0.391	88.775	17.682

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.171	0.149	0.009	5.424	16.034	0.080	-0.032	924.026
S.D.	0.035	0.022	0.001	0.128	0.045	0.000	0.006	2.954
% R.S.D.	20.412	14.670	8.621	2.357	0.281	0.000	18.774	0.320

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.167	0.568	-0.013	0.182	0.007	0.061	0.551	6.965
S.D.	0.005	0.106	0.003	0.064	0.001	0.006	0.003	0.054
% R.S.D.	2.882	18.739	19.788	35.105	17.123	9.503	0.463	0.771

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.622	-0.266	-0.026	-0.001	-0.416
S.D.	0.005	0.111	0.004	0.001	0.062
% R.S.D.	0.782	41.843	13.552	71.737	14.853

Identity 1: CCV Identity 2: Quality Control 1:54 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.978	4.972	4.906	4.662	4.827	4.928	5.072	4.870
S.D.	0.007	0.005	0.018	0.006	0.007	0.016	0.007	0.053
% R.S.D.	0.144	0.108	0.360	0.136	0.144	0.316	0.142	1.092

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.936	4.955	5.062	5.108	5.061	4.933	5.415	9.919
S.D.	0.008	0.012	0.013	0.021	0.005	0.009	0.011	0.036
% R.S.D.	0.165	0.252	0.248	0.412	0.091	0.182	0.206	0.365

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.962	5.096	4.995	5.080	4.822	4.804	4.977	4.865
S.D.	0.008	0.006	0.006	0.084	0.043	0.009	0.040	0.060
% R.S.D.	0.152	0.119	0.118	1.655	0.891	0.183	0.799	1.240

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.847	5.096	4.827	4.982	4.803	4.965	5.072	4.763
S.D.	0.005	0.024	0.010	0.036	0.006	0.009	0.009	0.053
% R.S.D.	0.094	0.465	0.204	0.715	0.129	0.189	0.170	1.114

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.947	4.601	5.054	5.195	4.754
S.D.	0.011	0.043	0.009	0.007	0.029
% R.S.D.	0.220	0.924	0.179	0.130	0.604

Identity 1: CCB Identity 2: Quality Control 1:56 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.001	0.000	0.010	-0.013	-0.000	0.001	0.001
S.D.	0.001	0.001	0.013	0.002	0.004	0.002	0.002	0.001
% R.S.D.	107.198	116.264	3138.098	17.183	32.130	105088.910	167.199	91.558

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.002	0.002	-0.004	-0.006	-0.001	-0.003	0.013
S.D.	0.002	0.002	0.001	0.002	0.001	0.002	0.004	0.021
% R.S.D.	137.020	159.535	42.636	39.953	24.471	128.291	118.786	162.225

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.016	0.015	0.001	-0.007	0.011	0.001	0.000	0.023
S.D.	0.002	0.005	0.001	0.006	0.002	0.002	0.006	0.003
% R.S.D.	15.609	30.442	133.917	95.056	15.578	137.650	356709.446	12.370

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.003	-0.014	0.000	-0.005	0.002	0.001	0.003	-0.080
S.D.	0.003	0.006	0.001	0.013	0.002	0.002	0.003	0.003
% R.S.D.	98.251	46.012	351.304	278.785	89.589	140.117	80.202	3.724

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.001	-0.047	-0.003	0.001	-0.055
S.D.	0.001	0.013	0.001	0.001	0.009
% R.S.D.	175.699	27.767	56.881	111.793	16.070

Identity 1: S96T000962_L Identity 2: 2ml-8ml-2ml-8ml 2:00 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.094	0.006	-0.056	1.209	57.687	-0.129	0.018	-0.000
S.D.	0.033	0.002	0.027	0.078	0.111	0.045	0.013	0.008
% R.S.D.	35.549	27.273	47.209	6.465	0.192	34.582	70.125	7698.266

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.094	0.989	0.199	1.389	1.839	5.583	-0.508	4.782
S.D.	0.009	0.036	0.069	0.070	0.014	0.039	0.191	1.071
% R.S.D.	9.698	3.649	34.764	5.017	0.748	0.696	37.635	22.398

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.303	0.830	0.009	3.672	11.282	0.126	-0.067	1006.637
S.D.	0.317	0.191	0.008	0.195	0.115	0.003	0.156	1.915
% R.S.D.	104.835	23.029	83.333	5.308	1.017	1.991	231.151	0.190

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.147	-0.074	-0.049	-0.408	0.035	0.010	0.954	5.395
S.D.	0.022	0.058	0.028	0.113	0.011	0.023	0.023	0.331
% R.S.D.	15.003	77.369	57.683	27.836	30.437	232.496	2.433	6.128

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.482	-1.501	-0.141	-0.003	-0.927
S.D.	0.007	0.603	0.021	0.007	0.559
% R.S.D.	1.468	40.213	14.986	197.990	60.286

Identity 1: S96T000962 Identity 2: 2ml-8ml 2:03 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.040	0.008	-0.030	1.073	58.375	-0.026	0.036	0.000
S.D.	0.009	0.001	0.032	0.020	0.254	0.018	0.003	0.002
% R.S.D.	22.934	7.022	106.055	1.825	0.434	69.101	8.729	8559.139

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.062	0.812	0.037	1.508	1.994	5.635	0.016	0.783
S.D.	0.003	0.004	0.004	0.024	0.006	0.014	0.036	0.380
% R.S.D.	4.273	0.475	11.156	1.576	0.313	0.246	229.951	48.555

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.095	0.147	0.009	3.942	11.330	0.131	-0.056	986.343
S.D.	0.101	0.071	0.002	0.027	0.043	0.001	0.035	7.237
% R.S.D.	106.446	48.218	22.913	0.681	0.375	0.766	63.205	0.734

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.148	0.490	-0.010	0.152	0.007	0.031	0.911	5.979
S.D.	0.004	0.073	0.007	0.017	0.004	0.003	0.007	0.052
% R.S.D.	2.858	14.803	64.879	11.016	62.581	8.458	0.789	0.871

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.508	0.258	-0.024	0.002	-0.298
S.D.	0.003	0.256	0.004	0.001	0.182
% R.S.D.	0.568	99.390	18.158	39.146	61.070

Identity 1: S96T000962_D Identity 2: 2ml-8ml 2:06 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.039	0.009	0.045	1.229	63.516	0.000	0.035	0.001
S.D.	0.004	0.000	0.032	0.018	0.296	0.024	0.001	0.001
% R.S.D.	10.846	4.277	71.789	1.504	0.466	108335.126	1.933	150.738

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.055	0.897	0.058	1.724	1.544	6.310	0.138	0.241
S.D.	0.003	0.015	0.014	0.005	0.002	0.018	0.030	0.196
% R.S.D.	5.407	1.647	24.802	0.294	0.153	0.288	21.689	81.510

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.004	0.003	0.012	4.034	12.193	0.100	-0.020	1039.078
S.D.	0.053	0.036	0.001	0.165	0.064	0.001	0.010	5.765
% R.S.D.	1461.249	1369.418	7.895	4.089	0.522	0.502	51.096	0.555

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.168	0.396	-0.007	0.174	0.004	0.046	0.603	6.809
S.D.	0.006	0.072	0.003	0.057	0.002	0.002	0.007	0.052
% R.S.D.	3.672	18.135	42.509	32.705	43.594	4.697	1.186	0.765

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.569	-0.318	-0.025	0.001	-0.132
S.D.	0.001	0.138	0.002	0.000	0.078
% R.S.D.	0.251	43.437	7.751	2.626	59.192

Identity 1: S96T000969_L Identity 2: 2ml-8ml-2ml-8ml 2:10 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 25.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.138	0.002	0.173	1.738	54.557	0.051	0.019	-0.023
S.D.	0.014	0.001	0.125	0.023	0.106	0.077	0.003	0.002
% R.S.D.	10.327	43.301	72.021	1.318	0.194	151.439	17.892	9.857

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.122	0.488	0.141	1.387	1.080	4.995	-0.367	3.945
S.D.	0.006	0.028	0.020	0.118	0.006	0.046	0.142	0.406
% R.S.D.	5.022	5.667	14.325	8.474	0.575	0.928	38.637	10.291

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.705	0.465	-0.005	3.640	11.159	0.075	-0.244	1031.060
S.D.	0.062	0.101	0.003	0.223	0.068	0.004	0.134	3.445
% R.S.D.	8.861	21.815	51.508	6.137	0.607	5.769	54.776	0.334

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.119	-0.235	-0.066	-0.475	0.044	0.008	0.661	5.996
S.D.	0.037	0.139	0.007	0.296	0.006	0.006	0.007	0.260
% R.S.D.	30.900	59.080	10.729	62.307	13.755	77.033	1.025	4.343

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.509	-0.971	-0.137	-0.002	-0.472
S.D.	0.011	0.109	0.007	0.003	0.359
% R.S.D.	2.110	11.252	5.017	212.855	76.074

Identity 1: S96T000969 Identity 2: 2ml-8ml 2:13 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.042	0.005	0.020	1.506	56.145	-0.016	0.037	-0.005
S.D.	0.002	0.001	0.048	0.005	0.074	0.009	0.001	0.001
% R.S.D.	5.884	10.184	234.644	0.327	0.131	57.618	2.635	30.313

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.044	0.414	0.012	1.497	1.180	5.153	-0.016	0.775
S.D.	0.002	0.016	0.000	0.063	0.001	0.020	0.033	0.160
% R.S.D.	5.310	3.758	0.548	4.179	0.076	0.382	205.118	20.696

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.151	0.095	0.007	3.653	11.291	0.081	-0.028	1027.378
S.D.	0.031	0.027	0.001	0.164	0.111	0.002	0.035	8.190
% R.S.D.	20.204	28.440	7.091	4.498	0.979	1.856	123.692	0.797

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.146	0.357	-0.011	0.176	0.006	0.022	0.625	5.919
S.D.	0.002	0.081	0.004	0.046	0.001	0.005	0.007	0.095
% R.S.D.	1.589	22.546	34.840	26.159	13.278	21.292	1.088	1.605

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.518	-0.204	-0.023	0.002	-0.189
S.D.	0.004	0.184	0.004	0.001	0.037
% R.S.D.	0.779	90.013	15.654	36.601	19.665

Identity 1: S96T000969_D Identity 2: 2ml-8ml 2:16 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 5.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.036	0.007	0.069	1.470	58.047	0.021	0.036	0.002
S.D.	0.003	0.000	0.038	0.007	0.139	0.009	0.001	0.001
% R.S.D.	7.867	2.585	54.797	0.501	0.240	43.344	2.538	30.108

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.066	0.440	0.033	1.562	1.398	5.207	0.097	0.588
S.D.	0.001	0.008	0.000	0.029	0.003	0.003	0.036	0.075
% R.S.D.	0.914	1.847	0.102	1.850	0.180	0.065	36.944	12.795

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.051	0.100	0.011	3.881	12.075	0.105	0.051	1016.958
S.D.	0.031	0.014	0.001	0.022	0.155	0.000	0.020	1.797
% R.S.D.	60.655	14.440	6.454	0.566	1.285	0.000	39.534	0.177

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.151	0.075	0.001	0.187	0.005	0.032	0.637	6.344
S.D.	0.004	0.103	0.000	0.051	0.000	0.002	0.003	0.113
% R.S.D.	2.862	137.181	40.984	27.219	6.608	5.928	0.510	1.775

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.537	-0.259	-0.014	0.001	-0.013
S.D.	0.003	0.105	0.002	0.000	0.054
% R.S.D.	0.543	40.780	15.965	0.938	430.670

Identity 1: ICSA Identity 2: Quality Control 2:19 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.002	0.002	-0.033	0.022	196.218	-0.001	0.001	-0.000
S.D.	0.002	0.000	0.018	0.004	1.106	0.002	0.001	0.000
% R.S.D.	102.439	8.217	54.372	19.298	0.564	264.669	102.196	631.760

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	-0.005	0.010	0.006	97.189	98.929	-0.002	-0.003	0.085
S.D.	0.001	0.004	0.003	0.588	0.545	0.002	0.005	0.059
% R.S.D.	10.488	35.352	44.539	0.605	0.550	97.079	186.544	69.596

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.019	0.043	0.003	0.026	0.087	94.135	0.064	186.347
S.D.	0.017	0.012	0.000	0.003	0.010	0.190	0.007	1.351
% R.S.D.	89.753	28.015	9.410	9.856	11.924	0.202	11.313	0.725

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.039	-0.002	-0.024	0.002	-0.000	0.012	-0.028
S.D.	0.001	0.005	0.001	0.013	0.000	0.001	0.001	0.020
% R.S.D.	82.192	13.271	63.223	54.570	20.981	406.487	4.378	68.831

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.003	-0.034	-0.003	0.003	-0.029
S.D.	0.000	0.009	0.001	0.000	0.035
% R.S.D.	12.566	25.952	49.998	8.517	122.441

Identity 1: ICSAB Identity 2: Quality Control 2:22 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-0.000	0.002	-0.022	0.021	194.739	0.481	0.498	0.919
S.D.	0.001	0.000	0.007	0.002	0.766	0.002	0.002	0.009
% R.S.D.	1382.752	3.936	30.680	10.686	0.393	0.371	0.394	0.992

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.983	0.978	0.009	97.270	99.662	0.496	-0.003	0.096
S.D.	0.003	0.004	0.001	0.158	0.366	0.002	0.014	0.019
% R.S.D.	0.351	0.382	15.846	0.163	0.367	0.406	438.532	19.403

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.023	0.057	0.505	0.023	0.079	94.413	0.069	188.431
S.D.	0.009	0.001	0.003	0.012	0.007	0.240	0.001	1.641
% R.S.D.	37.749	2.039	0.542	54.117	9.482	0.254	1.806	0.871

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.003	-0.007	0.999	0.958	0.002	0.993	0.012	-0.085
S.D.	0.001	0.011	0.003	0.013	0.000	0.004	0.001	0.001
% R.S.D.	27.110	153.621	0.263	1.386	18.597	0.382	8.834	1.739

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.498	-0.024	0.490	0.504	-0.040
S.D.	0.000	0.020	0.001	0.002	0.014
% R.S.D.	0.078	83.214	0.207	0.329	34.104

Identity 1: CCV Identity 2: Quality Control 2:25 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.950	4.953	4.896	4.661	4.837	4.962	5.026	4.853
S.D.	0.034	0.045	0.047	0.022	0.025	0.018	0.049	0.058
% R.S.D.	0.694	0.900	0.966	0.469	0.521	0.365	0.966	1.204

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.969	4.949	5.027	5.092	5.013	4.930	5.290	9.883
S.D.	0.020	0.019	0.032	0.025	0.039	0.012	0.046	0.034
% R.S.D.	0.410	0.380	0.640	0.489	0.779	0.248	0.870	0.339

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4.989	5.031	4.963	5.136	4.860	4.830	4.995	4.880
S.D.	0.039	0.036	0.048	0.085	0.001	0.015	0.020	0.040
% R.S.D.	0.772	0.711	0.970	1.646	0.029	0.319	0.397	0.816

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.889	5.089	4.829	4.961	4.797	4.958	5.042	4.819
S.D.	0.033	0.047	0.022	0.026	0.033	0.029	0.038	0.029
% R.S.D.	0.679	0.915	0.453	0.527	0.682	0.577	0.760	0.603

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.930	4.633	5.038	5.158	4.744
S.D.	0.022	0.031	0.025	0.037	0.012
% R.S.D.	0.439	0.664	0.489	0.713	0.260

Identity 1: CCB Identity 2: Quality Control 2:28 PM May 6, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.001	0.000	-0.005	0.005	-0.005	-0.001	0.000	0.000
S.D.	0.002	0.000	0.012	0.005	0.002	0.000	0.001	0.000
% R.S.D.	241.134	411107374000.000	258.979	101.818	46.449	0.967	215.418	499.937

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.001	0.003	0.004	-0.004	-0.006	-0.000	-0.008	0.025
S.D.	0.001	0.001	0.003	0.003	0.000	0.001	0.003	0.078
% R.S.D.	62.550	46.570	69.904	60.883	2.279	301.805	40.006	306.277

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.011	0.012	0.000	0.003	0.009	0.001	-0.002	0.027
S.D.	0.022	0.014	0.000	0.008	0.003	0.000	0.003	0.001
% R.S.D.	207.743	115.860	1200.000	310.139	29.883	11.547	132.264	5.249

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.070	0.000	0.005	0.001	-0.001	0.003	-0.037
S.D.	0.001	0.015	0.001	0.018	0.000	0.001	0.000	0.022
% R.S.D.	81.458	21.853	451.303	383.549	39.710	56.760	6.291	59.339

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.001	-0.036	-0.003	0.000	-0.040
S.D.	0.000	0.015	0.001	0.000	0.022
% R.S.D.	1.670	42.534	21.537	174.679	54.726

FILE # 0960604E.TXT

04/23/96 07:27
A-0004-1

LABCORE Data Entry Template for Worklist# 7942

Analyst: B. GOECKE **Instrument:** ~~ICP01~~ ICP02 **Book#** [illegible]

Method: LA-505-~~151~~ 161 Rev/Mod B-1

Worklist Comment: ICP U-105 (ACID DIGEST)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPSTD~~ARL~~ TJA				@ICP-A01	SOLID		
6	PREPBLK~~ARL~~ TJA				@ICP-A01	SOLID		
7	SERDIL	S96T000976	0	A	@ICP-A01	SOLID		
8	SAMPLE	S96T000976	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
	Analytes Requested:	AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01						
9	DUP	S96T000976	0	A	@ICP-A01	SOLID		
10	SPK-PREDIG	S96T000976	0	A	@ICP-A01	SOLID		
11	CCV				@ICP-QC	QC		
12	CCB				@ICP-QC	QC		
13	SERDIL	S96T000985	0	A	@ICP-A01	SOLID		
14	SAMPLE	S96T000985	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
	Analytes Requested:	AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 ,						

Data Entry Comments: Example for calculation of sample results.

$$S96T000976 \quad Ca = 1.962 \frac{ug}{ml} \times \frac{1}{5.726 \frac{g}{L} \times \frac{1L}{1000ml}} = 3.43e+2 \frac{ug}{g}$$

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Note: 5.726 g/L is sample prep dilution factor which can be found in sample prep worklist.

LABCORE Data Entry Template for Worklist# 7942

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
					MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
15	DUP	S96T000985	0	A	@ICP-A01	SOLID		
16	SERDIL	S96T000992	0	A	@ICP-A01	SOLID		
17	SAMPLE	S96T000992	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
		Analytes Requested:			AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
18	DUP	S96T000992	0	A	@ICP-A01	SOLID		
19	SERDIL	S96T000999	0	A	@ICP-A01	SOLID		
20	SAMPLE	S96T000999	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
		Analytes Requested:			AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
21	DUP	S96T000999	0	A	@ICP-A01	SOLID		
22	CCV				@ICP-QC	QC		
23	CCB				@ICP-QC	QC		
24	SERDIL	S96T001006	0	A	@ICP-A01	SOLID		
25	SAMPLE	S96T001006	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
		Analytes Requested:			AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 ,			

Data Entry Comments: Spike true value is 5.0 ppm on all elements except for Ag = 1.0 and U = 10.0 ppm. Example for calculation for spike recovery:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

S96T000976 Ca = $\frac{6.706 - 1.962}{5} \times 100 = 94.88\%$

LABCORE Data Entry Template for Worklist# 7942

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
					P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
26	DUP	S96T001006	0	A	@ICP-A01	SOLID		
27	SERDIL	S96T001013	0	A	@ICP-A01	SOLID		
28	SAMPLE	S96T001013	0	A	@ICP-A01	SOLID	96000092	U-105 (R)
		Analytes Requested:			AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
29	DUP	S96T001013	0	A	@ICP-A01	SOLID		
30	ICSA				@ICP-QC	QC		
31	ICSAB				@ICP-QC	QC		
32	CCV				@ICP-QC	QC		
33	CCB				@ICP-QC	QC		

Final page for worklist # 7942

Analyst Signature	Date	D.F.
PREP STD TJA	DIRECT	1
PREP BLK TJA	DIRECT	1
S96T000 976-L	4-6-L-6-L-Sel-Fe-L	12.5
976	4-L-6-L	2.5
976-D	4-L-6-L	2.5
976-S	4-L-6-L	2.5
S96T000 985-L	4-6-2-8	12.5
985	4-6	2.5
985-D	4-6	2.5

Reviewed by:

Analyst Signature	Date	
S96T000 992-L	4-6-2-8	12.5
992	4-6	2.5
992-D	4-6	2.5
S96T000 999-L	4-6-2-8	12.5
999	4-6	2.5
999-D	4-6	2.5
S96T000 1006-L	4-6-2-8	12.5
1006	4-6	2.5
1006-D	4-6	2.5
S96T001013-L	4-6-28	12.5
1013	4-6	2.5
1013-D	4-6	2.5

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Analysis Report Summary Tue 06-04-96 09:59:18 PM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	960604E	ICP2	06/04/96	20:01	BJG	Q	CONC
2	ICB	960604E	ICP2	06/04/96	20:05	BJG	Q	CONC
3	LLS	960604E	ICP2	06/04/96	20:08	BJG	Q	CONC
4	ICSA	960604E	ICP2	06/04/96	20:11	BJG	Q	CONC
5	ICSAB	960604E	ICP2	06/04/96	20:14	BJG	Q	CONC
6	PREPSTDTJA	960604E	ICP2	06/04/96	20:19	BJG	S	CONC
7	PREPBLKTJA	960604E	ICP2	06/04/96	20:23	BJG	S	CONC
8	S96T000976_L	960604E	ICP2	06/04/96	20:27	BJG	S	CONC
9	S96T000976	960604E	ICP2	06/04/96	20:31	BJG	S	CONC
10	S96T000976_D	960604E	ICP2	06/04/96	20:35	BJG	S	CONC
11	S96T000976_S	960604E	ICP2	06/04/96	20:39	BJG	S	CONC
12	CCV	960604E	ICP2	06/04/96	20:43	BJG	Q	CONC
13	CCB	960604E	ICP2	06/04/96	20:46	BJG	Q	CONC
14	S96T000985_L	960604E	ICP2	06/04/96	20:49	BJG	S	CONC
15	S96T000985	960604E	ICP2	06/04/96	20:52	BJG	S	CONC
16	S96T000985_D	960604E	ICP2	06/04/96	20:55	BJG	S	CONC
17	S96T000992_L	960604E	ICP2	06/04/96	20:59	BJG	S	CONC
18	S96T000992	960604E	ICP2	06/04/96	21:02	BJG	S	CONC
19	S96T000992_D	960604E	ICP2	06/04/96	21:05	BJG	S	CONC
20	S96T000999_L	960604E	ICP2	06/04/96	21:08	BJG	S	CONC
21	S96T000999	960604E	ICP2	06/04/96	21:12	BJG	S	CONC
22	S96T000999_D	960604E	ICP2	06/04/96	21:15	BJG	S	CONC
23	CCV	960604E	ICP2	06/04/96	21:19	BJG	Q	CONC
24	CCB	960604E	ICP2	06/04/96	21:22	BJG	Q	CONC
25	S96T001006_L	960604E	ICP2	06/04/96	21:25	BJG	S	CONC
26	S96T001006	960604E	ICP2	06/04/96	21:28	BJG	S	CONC
27	S96T001006_D	960604E	ICP2	06/04/96	21:31	BJG	S	CONC
28	S96T001013_L	960604E	ICP2	06/04/96	21:35	BJG	S	CONC
29	S96T001013	960604E	ICP2	06/04/96	21:38	BJG	S	CONC
30	S96T001013_D	960604E	ICP2	06/04/96	21:41	BJG	S	CONC
31	ICSA	960604E	ICP2	06/04/96	21:44	BJG	Q	CONC
32	ICSAB	960604E	ICP2	06/04/96	21:48	BJG	Q	CONC
33	CCV	960604E	ICP2	06/04/96	21:51	BJG	Q	CONC
34	CCB	960604E	ICP2	06/04/96	21:54	BJG	Q	CONC

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 1024 TO 1024.

6-4-96

U-105 AKA INBEST

S96T000976, 985, 992, 999, 1006, 1013

4mL-6mL

FILE # 0960604E.TXT

Analysis Report Averages Tue 06-04-96 09:59:18 PM page 2

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.971	4.878	5.187	4.971	4.956	5.221
2	ICB	.0012	.0138	.0039	.0026	.0002	.0002
3	LLS	.0196	.1063	.1980	.1067	.0991	.0108
4	ICSA	.0024	239.6	-.0778	-.0009	.0029	.0005
5	ICSAB	.9838	242.6	-.0354	-.0066	.4877	.4949
6	PREPSTDTJA	.2117	5.115	5.291	5.675	5.086	5.262
7	PREPBLKTJA	.0003	.0646	-.0002	.6223	.0007	.0002
8	S96T000976_L	.0812	74.48	-.2855	.5476	.0173	.0019
9	S96T000976	.0902	74.40	-.1009	.5596	.0160	.0009
10	S96T000976_D	.0891	70.60	-.0693	.7661	.0163	.0008
11	S96T000976_S	.1547	68.93	4.522	5.066	4.279	4.415
12	CCV	4.894	4.753	5.126	4.836	4.808	5.086
13	CCB	.0003	.0034	-.0069	.0088	.0001	.0002
14	S96T000985_L	.0713	76.25	-.1343	.7128	.0246	-.0001
15	S96T000985	.0705	75.58	-.1193	.6503	.0231	.0010
16	S96T000985_D	.0713	74.70	-.0637	.6110	.0233	.0009
17	S96T000992_L	.0677	69.04	-.1405	.5986	.0274	.0004
18	S96T000992	.0762	68.92	-.0844	.6192	.0282	.0013
19	S96T000992_D	.0719	68.40	-.0572	.6505	.0234	.0012
20	S96T000999_L	.0789	60.44	-.1404	.6533	.0672	.0026
21	S96T000999	.0768	60.30	-.0612	.6389	.0663	.0011
22	S96T000999_D	.0754	59.65	-.0813	.6447	.0672	.0012
23	CCV	4.927	4.794	5.133	4.876	4.865	5.113
24	CCB	-.0004	.0056	-.0013	.0035	.0003	.0003
25	S96T001006_L	.1034	43.26	-.1165	.6712	.0741	.0021
26	S96T001006	.1005	43.53	-.0982	.6164	.0741	.0009
27	S96T001006_D	.0885	41.67	-.0499	.5572	.0733	.0011
28	S96T001013_L	.0854	47.84	-.0755	.7075	.1636	.0029
29	S96T001013	.0827	48.38	-.0285	.6713	.1648	.0020
30	S96T001013_D	.0840	72.25	-.0337	.1702	.1410	.0018
31	ICSA	.0018	239.2	-.0656	.0002	.0031	.0003
32	ICSAB	.9921	242.1	-.0671	.0027	.4876	.4911
33	CCV	5.002	4.875	5.177	4.952	4.961	5.178
34	CCB	.0004	.0027	-.0087	.0022	.0001	.0002

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	5.127	5.212	5.005	5.078	5.012	5.105
2	ICB	.0188	.0035	.0016	.0012	.0010	-.0007
3	LLS	.2144	.2324	.0108	.2047	.0405	.0220
4	ICSA	.0029	256.3	.0009	.0089	.0003	.0016
5	ICSAB	.0086	260.2	.9667	.0142	.4741	.4972
6	PREPSTDTJA	5.099	6.437	5.084	5.270	5.200	5.146
7	PREPBLKTJA	-.0006	.2298	.0009	-.0043	.0009	.0011
8	S96T000976_L	-.0641	1.955	.0983	-.0280	-.0059	8.258
9	S96T000976	-.0178	1.962	.0875	.0894	.0072	8.318
10	S96T000976_D	-.0039	1.974	.0843	.0787	.0127	8.333
11	S96T000976_S	4.446	6.706	4.455	4.540	4.470	11.99
12	CCV	4.962	5.243	4.973	4.935	4.978	5.052
13	CCB	-.0637	.0043	.0017	.0009	.0002	-.0005
14	S96T000985_L	-.1535	1.927	.0856	.1304	-.0213	10.50
15	S96T000985	-.0931	1.932	.0796	.1382	.0115	10.45

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#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
16	S96T000985_D	-.0086	1.774	.0783	.1577	.0085	10.69
17	S96T000992_L	.1493	2.299	.0406	.0522	-.0227	7.355
18	S96T000992_	.0143	2.279	.0430	.1264	.0069	7.377
19	S96T000992_D	.0357	1.660	.0414	.1556	.0104	7.101
20	S96T000999_L	.1180	2.013	.0683	.4217	.0113	10.82
21	S96T000999_	.0118	1.886	.0491	.4304	.0101	10.67
22	S96T000999_D	.0796	1.333	.0519	.4218	.0061	10.98
23	CCV	5.006	5.252	4.985	4.975	4.990	5.080
24	CCB	.0022	.0038	.0017	-.0050	.0001	-.0009
25	S96T001006_L	.2005	1.898	.1259	.4956	.0128	10.90
26	S96T001006_	.0203	1.894	.1022	.4521	.0070	10.90
27	S96T001006_D	.0314	1.660	.1200	.4528	.0175	10.62
28	S96T001013_L	.8257	2.573	.1808	.4721	.0264	27.97
29	S96T001013_	1.216	2.479	.1656	.4845	.0211	27.79
30	S96T001013_D	1.060	2.209	.1655	.4517	.0247	26.46
31	ICSA	-.0063	261.1	.0004	.0166	.0013	.0010
32	ICSAB	-.0138	263.7	.9682	.0156	.4790	.4996
33	CCV	5.073	5.322	5.038	5.069	5.043	5.138
34	CCB	-.0123	.0039	.0012	-.0011	-.0008	-.0007

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.138	-.0036	5.120	4.789	5.012	4.976
2	ICB	.0000	-.0005	.0029	.0697	.0011	-.0001
3	LLS	.0205	.0005	.1058	Q.5857	.1022	.0216
4	ICSA	-.0102	-.0610	94.37	.2632	-.0052	.0037
5	ICSAB	.4920	-.0620	95.70	.2807	-.0046	.9798
6	PREPSTDTJA	5.014	-.0023	5.163	4.702	5.149	5.036
7	PREPBLKTJA	.0077	-.0004	.0222	.1740	.0002	-.0001
8	S96T000976_L	.0421	-.0029	3.172	7.128	.0447	.0014
9	S96T000976_	.0506	.0020	3.166	9.123	.0536	.0023
10	S96T000976_D	.0580	.0026	3.108	9.261	.0508	.0040
11	S96T000976_S	4.236	.0026	7.210	12.52	4.427	4.213
12	CCV	4.957	-.0018	5.045	4.670	4.842	4.741
13	CCB	-.0003	.0017	.0021	.0416	.0004	.0024
14	S96T000985_L	.0348	.0181	5.855	11.70	.0889	.0287
15	S96T000985_	.0511	.0062	5.769	11.82	.0835	.0077
16	S96T000985_D	.0686	.0047	5.867	11.14	.0867	.0063
17	S96T000992_L	.0670	.0111	7.372	12.45	.0792	.0128
18	S96T000992_	.0700	.0044	7.328	7.683	.0783	.0083
19	S96T000992_D	.0394	.0048	6.181	7.537	.0743	.0068
20	S96T000999_L	.0347	.0100	20.80	8.403	.2075	.0199
21	S96T000999_	.0425	.0024	20.54	6.724	.1982	.0075
22	S96T000999_D	.0410	.0039	21.34	6.790	.2007	.0089
23	CCV	5.009	-.0023	5.064	4.737	4.899	4.807
24	CCB	-.0000	.0010	.0012	.1027	-.0001	.0015
25	S96T001006_L	.0511	.0102	24.21	5.400	.2185	.0198
26	S96T001006_	.0599	.0018	24.18	5.633	.2117	.0069
27	S96T001006_D	.0474	.0036	23.60	5.309	.2091	.0086
28	S96T001013_L	.0761	.0053	49.71	5.763	.2664	.0313
29	S96T001013_	.0672	-.0092	49.34	4.636	.2735	.0140
30	S96T001013_D	.0734	-.0053	42.52	5.294	.2475	.0130
31	ICSA	-.0111	-.0684	94.93	.3147	-.0032	.0048

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#	Sample Name	Cu	Eu	Fe	K	La	Li
32	ICSAB	.4883	-.0682	95.99	.3080	-.0040	.9741
33	CCV	5.101	-.0021	5.117	4.750	4.990	4.927
34	CCB	-.0005	.0004	.0012	.1663	.0003	.0009

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.921	4.933	5.049	4.958	5.056	5.029
2	ICB	.0015	.0000	.0003	.0000	.0013	-.0020
3	LLS	.2083	.0200	.0968	.2212	.2005	.0431
4	ICSA	243.1	-.0065	-.0106	196.6	.0035	-.0084
5	ICSAB	252.3	.4579	-.0113	198.3	.0023	.9484
6	PREPSTDTJA	4.929	5.010	5.107	5.989	5.083	5.218
7	PREPBLKTJA	.0451	.0009	.0011	.8455	.0019	.0024
8	S96T000976_L	.0452	1.012	.1852	1222.	.1237	.6202
9	S96T000976	.1283	1.014	.2088	1207.	.1495	.5929
10	S96T000976_D	.1255	.9959	.1889	1210.	.1565	.5459
11	S96T000976_S	4.217	5.155	4.527	1133.	4.435	4.972
12	CCV	4.796	4.880	4.990	4.753	4.866	4.987
13	CCB	-.0093	.0010	-.0025	.0229	-.0005	-.0038
14	S96T000985_L	1.421	1.772	.1676	934.2	.1969	.5990
15	S96T000985	1.579	1.749	.2065	916.6	.2397	.5313
16	S96T000985_D	1.083	1.794	.2053	929.3	.2399	.5410
17	S96T000992_L	.2133	2.067	.1432	1009.	.2141	.2966
18	S96T000992	.2446	2.055	.1876	997.4	.2006	.2969
19	S96T000992_D	.1162	1.891	.1832	933.5	.1957	.2648
20	S96T000999_L	.1457	6.670	.1568	898.1	.4829	.3389
21	S96T000999	.2002	6.649	.1548	896.2	.4885	.3037
22	S96T000999_D	.1318	6.849	.1573	875.6	.4806	.3142
23	CCV	4.825	4.909	5.020	4.815	4.930	4.996
24	CCB	-.0030	.0009	-.0004	.0169	-.0003	.0020
25	S96T001006_L	.0255	7.236	.1411	1132.	.4826	.5803
26	S96T001006	.1555	7.323	.1122	1133.	.5345	.5508
27	S96T001006_D	.1713	7.130	.1081	1069.	.5207	.5400
28	S96T001013_L	2.757	15.88	.0777	928.9	.7078	.8313
29	S96T001013	2.734	16.09	.0795	943.9	.6773	.8380
30	S96T001013_D	2.500	14.40	.0866	941.6	.6131	.8505
31	ICSA	242.9	-.0056	-.0120	194.5	.0015	-.0101
32	ICSAB	251.8	.4609	-.0131	196.7	.0023	.9496
33	CCV	4.888	4.961	5.079	4.913	5.033	5.069
34	CCB	-.0038	.0005	-.0029	.0095	.0005	-.0029

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.237	5.031	4.983	4.810	4.977	4.751
2	ICB	-.0140	-.0021	-.0043	.0093	.0752	-.0006
3	LLS	.4224	.2086	.1884	.1063	Q.2774	.1163
4	ICSA	-.0114	.0348	-.0091	-.0074	.0121	.0125
5	ICSAB	-.0102	1.040	-.0505	-.0083	.0231	-.0075
6	PREPSTDTJA	5.505	5.020	5.145	5.245	4.931	8.057
7	PREPBLKTJA	-.0026	.0170	.0304	-.0058	.0816	.1846
8	S96T000976_L	4.734	.3287	22.08	.2009	.9472	.8045
9	S96T000976	4.692	.4719	22.03	.0143	.2049	.7327

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#	Sample Name	P	Pb	S	Sb	Se	Si
10	S96T000976_D	13.00	.4961	22.36	.0079	.2501	.9052
11	S96T000976_S	9.102	4.831	24.95	4.550	4.395	5.247
12	CCV	5.142	5.020	4.907	4.755	4.884	4.705
13	CCB	-.0164	.0088	-.0164	.0012	Q.1050	.0153
14	S96T000985_L	7.931	.5831	26.68	-.0825	1.059	1.075
15	S96T000985	8.269	.7165	26.64	-.0249	.2628	.8710
16	S96T000985_D	5.531	.7257	27.21	.0175	.2166	.8776
17	S96T000992_L	10.71	.4624	17.15	-.0376	1.040	1.295
18	S96T000992	10.85	.6526	17.39	-.0048	.2164	1.110
19	S96T000992_D	11.77	.6137	17.20	-.0072	.2131	.7267
20	S96T000999_L	44.05	1.347	9.559	-.0110	1.144	1.782
21	S96T000999	44.26	1.402	9.802	.0285	.2422	1.639
22	S96T000999_D	45.80	1.410	9.799	-.0023	.2194	.8526
23	CCV	5.149	5.030	4.911	4.770	4.917	4.729
24	CCB	-.0009	-.0066	-.0178	.0009	.0842	.0113
25	S96T001006_L	59.08	1.395	11.24	.0177	1.177	2.221
26	S96T001006	61.01	1.527	11.62	-.0042	.2183	2.072
27	S96T001006_D	59.19	1.515	11.47	.0100	.2112	1.161
28	S96T001013_L	79.81	3.000	6.492	.0644	1.145	2.976
29	S96T001013	79.65	3.039	6.587	.0228	.2194	2.793
30	S96T001013_D	80.84	2.759	6.571	.0232	.1859	1.702
31	ICSA	.0264	.0361	-.0011	.0061	.0394	.0175
32	ICSAB	-.0029	1.041	-.0528	.0091	.0182	.0004
33	CCV	5.190	5.066	4.982	4.838	4.963	4.784
34	CCB	-.0065	-.0065	-.0210	.0009	.0726	.0043

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	4.881	4.964	-.0173	4.870	4.902	9.662
2	ICB	-.0054	.0000	.0012	.0002	-.0027	-.0155
3	LLS	.2127	.0205	-.0026	.0203	.3785	.5509
4	ICSA	-.0012	-.0021	-.0040	.0012	-.0708	.0012
5	ICSAB	-.0029	.0016	.0076	.0017	.0094	-.0132
6	PREPSTDTJA	5.009	5.055	-.0143	4.713	4.904	9.857
7	PREPBLKTJA	-.0054	.0005	-.0004	.0014	.0072	-.0116
8	S96T000976_L	.0040	.0092	.1082	.0031	.2387	.8321
9	S96T000976	.0485	.0100	.1037	.0049	-.0166	.9084
10	S96T000976_D	.0564	.0100	.1034	.0055	.0292	.9286
11	S96T000976_S	4.325	4.273	.0884	4.028	4.146	9.250
12	CCV	4.716	4.782	-.0112	4.738	4.807	9.341
13	CCB	.0293	.0006	-.0073	.0004	.0003	.1136
14	S96T000985_L	.3040	.0151	.1172	.0058	.1563	2.326
15	S96T000985	.1219	.0123	.1773	.0062	.0160	1.537
16	S96T000985_D	.1079	.0121	.1896	.0062	-.0080	1.554
17	S96T000992_L	.2182	.0145	.0846	.0055	-.0518	2.291
18	S96T000992	.0821	.0107	.1634	.0096	.0000	1.781
19	S96T000992_D	.1071	.0093	.1703	.0066	-.0423	1.763
20	S96T000999_L	.3055	.0155	.3495	.0201	-.2733	5.715
21	S96T000999	.1226	.0124	.3619	.0161	-.0456	4.953
22	S96T000999_D	.1612	.0124	.4253	.0139	-.0387	5.183
23	CCV	4.764	4.846	-.0156	4.761	4.868	9.441
24	CCB	.0187	.0005	-.0051	.0004	-.0096	.0842
25	S96T001006_L	.2848	.0161	.2495	.0071	-.2822	6.741

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#	Sample Name	Sm	Sr	Th	Ti	Tl	U
26	S96T001006	.1375	.0132	.3131	.0165	-.0668	6.077
27	S96T001006_D	.1596	.0134	.4280	.0153	-.0106	5.991
28	S96T001013_L	.4143	.0465	.3509	.0630	-.1090	34.41
29	S96T001013_	.1566	.0424	.3738	.0515	-.0302	33.92
30	S96T001013_D	.1712	.0363	.3285	.0462	.0453	26.32
31	ICSA	.0129	-.0021	.0061	.0010	-.0253	.0249
32	ICSAB	.0107	.0016	.0068	.0022	-.0366	.0112
33	CCV	4.863	4.937	-.0121	4.843	4.852	9.591
34	CCB	.0098	.0004	.0001	.0000	-.0000	.0449

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.031	.0063	5.060	4.906
2	ICB	.0000	.0000	.0007	-.0001
3	LLS	.1058	.0011	.0223	.0221
4	ICSA	.0005	.0072	-.0014	-.0027
5	ICSAB	.4804	.0070	.9871	-.0042
6	PREPSTDTJA	5.071	.0062	5.070	5.394
7	PREPBLKTJA	-.0007	-.0001	.0125	.0000
8	S96T000976_L	.0041	.0212	.2046	.0700
9	S96T000976_	.0058	.0210	.1205	.0799
10	S96T000976_D	.0144	.0210	.1092	.0826
11	S96T000976_S	4.346	.0261	4.496	4.120
12	CCV	4.942	.0072	5.027	4.788
13	CCB	.0058	.0015	.0015	.0043
14	S96T000985_L	.0647	.0441	.1548	.1601
15	S96T000985_	.0207	.0327	.1677	.1300
16	S96T000985_D	.0152	.0325	.1436	.1361
17	S96T000992_L	.0509	.0343	.5441	.1670
18	S96T000992_	.0187	.0277	.5364	.1405
19	S96T000992_D	.0240	.0269	.1074	.0621
20	S96T000999_L	.0892	.0672	.2092	.1331
21	S96T000999_	.0490	.0567	.1972	.1076
22	S96T000999_D	.0574	.0586	.2035	.0466
23	CCV	4.980	.0071	5.051	4.831
24	CCB	.0039	.0008	.0019	.0031
25	S96T001006_L	.1005	.0687	.2467	.2546
26	S96T001006_	.0678	.0609	.2058	.2285
27	S96T001006_D	.0706	.0600	.2054	.0543
28	S96T001013_L	.1411	.0961	.3609	.1035
29	S96T001013_	.0854	.0830	.3286	.0636
30	S96T001013_D	.0860	.0772	.4042	.0627
31	ICSA	.0028	.0077	-.0010	-.0026
32	ICSAB	.4839	.0077	.9969	-.0025
33	CCV	5.042	.0069	5.102	4.906
34	CCB	.0021	.0005	.0006	.0014

File # 0960604.TXT

LABCORE Data Entry Template for Worklist# 7943

Analyst: B. GOECKE **Instrument:** ~~ICP01~~ Icp02 6-6-96 **Book#** 5684A

Method: LA-505-~~151~~ 161/161 6-6-96 Rev/Mod B-1

Worklist Comment: ICP U-105 (SOLID ACID DIGEST)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPSTDARL				@ICP-A01	SOLID		
6	PREPBLKARL				@ICP-A01	SOLID		
7	SERDIL	S96T001511	0	A	@ICP-A01	SOLID		
8	SAMPLE	S96T001511	0	A	@ICP-A01	SOLID	96000143	U-105 (R)

Analytes Requested: AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01

9	DUP	S96T001511	0	A	@ICP-A01	SOLID		
10	SPK-PREDIG	S96T001511	0	A	@ICP-A01	SOLID		
11	CCV				@ICP-QC	QC		
12	CCB				@ICP-QC	QC		
13	SERDIL	S96T001512	0	A	@ICP-A01	SOLID		
14	SAMPLE	S96T001512	0	A	@ICP-A01	SOLID	96000143	U-105 (R)

Analytes Requested: AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 ,

Data Entry Comments: Example for calculation of sample result:

S96T001511 $Ca = 0.8010 \frac{ug}{ml} \times \frac{1}{4.564 \frac{g}{L} \times \frac{1L}{1000ml}} = 1.76e+2 \frac{ug}{g}$

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Note: $4.564 \frac{g}{L}$ is sample prep dilution factor which can be found in sample prep worklist.

LABCORE Data Entry Template for Worklist# 7943

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
					MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
15	DUP	S96T001512	0	A	@ICP-A01	SOLID		
16	SERDIL	S96T001513	0	A	@ICP-A01	SOLID		
17	SAMPLE	S96T001513	0	A	@ICP-A01	SOLID	96000143	U-105 (R)
		Analytes Requested:			AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
18	DUP	S96T001513	0	A	@ICP-A01	SOLID		
19	CCV				@ICP-QC	QC		
20	CCB				@ICP-QC	QC		
21	SERDIL	S96T001514	0	A	@ICP-A01	SOLID		
22	SAMPLE	S96T001514	0	A	@ICP-A01	SOLID	96000143	U-105 (R)
		Analytes Requested:			AG-A-01 , AL-A-01 , AS-A-01 , B-A-01 , BA-A-01 , BE-A-01 , BI-A-01 , CA-A-01 , CD-A-01 , CE-A-01 , CO-A-01 , CR-A-01 , CU-A-01 , FE-A-01 , K-A-01 , LA-A-01 , LI-A-01 , MG-A-01 , MN-A-01 , MO-A-01 , NA-A-01 , ND-A-01 , NI-A-01 , P-A-01 , PB-A-01 , S-A-01 , SB-A-01 , SE-A-01 , SI-A-01 , SM-A-01 , SR-A-01 , TI-A-01 , TL-A-01 , U-A-01 , V-A-01 , ZN-A-01 , ZR-A-01			
23	DUP	S96T001514	0	A	@ICP-A01	SOLID		
24	ICSA				@ICP-QC	QC		
25	ICSAB				@ICP-QC	QC		
26	CCV				@ICP-QC	QC		
27	CCB				@ICP-QC	QC		

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7943

S Type	Sample#	R	A	Test	Matrix	Group#	Project

Final page for worklist # 7943

Analyst Signature: [signature] Date: 6-6-96

Reviewed by: Analyst Signature: [signature] Date: 6/7/96

		B.F.
PREP STD TJA	DIRECT	1
PREP BLK TJA	DIRECT	1
S96T001511-L	4ml-4ml-2ml-8ml	10
1511	4ml-4ml	2
1511-D	4ml-4ml	2
1511-S	4ml-4ml	2
S96T001512-L	4ml-4ml-2ml-8ml	10
1512	4ml-4ml	2
1512-D	4ml-4ml	2
S96T001513-L	4ml-4ml-2ml-8ml	10
1513	4ml-4ml	2
1513-D	4ml-4ml	2
S96T001514-L	4ml-4ml-2ml-8ml	10
1514	4ml-4ml	2
1514-D	4ml-4ml	2

Data Entry Comments: Example for calculation of spike recovery:

S96T001511 $Ca = \frac{5.710 - 0.8010}{5} \times 100 = 98.16\%$

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Note: Spike true value on all elements is 5.0 ppm except on Ag = 1.0 ppm and U = 10.0 ppm.

Analysis Report Summary Thu 06-06-96 03:12:43 PM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	960606A	ICP2	06/06/96	13:34	BJG	Q	CONC
2	ICB	960606A	ICP2	06/06/96	13:39	BJG	Q	CONC
3	LLS	960606A	ICP2	06/06/96	13:42	BJG	Q	CONC
4	ICSA	960606A	ICP2	06/06/96	13:46	BJG	Q	CONC
5	ICSAB	960606A	ICP2	06/06/96	13:49	BJG	Q	CONC
6	PREPSTDTJA	960606A	ICP2	06/06/96	13:52	BJG	S	CONC
7	PREPBLKTJA	960606A	ICP2	06/06/96	13:55	BJG	S	CONC
8	S96T001511_L	960606A	ICP2	06/06/96	14:00	BJG	S	CONC
9	S96T001511	960606A	ICP2	06/06/96	14:03	BJG	S	CONC
10	S96T001511_D	960606A	ICP2	06/06/96	14:07	BJG	S	CONC
11	S96T001511_S	960606A	ICP2	06/06/96	14:10	BJG	S	CONC
12	CCV	960606A	ICP2	06/06/96	14:14	BJG	Q	CONC
13	CCB	960606A	ICP2	06/06/96	14:18	BJG	Q	CONC
14	S96T001512-L	960606A	ICP2	06/06/96	14:21	BJG	S	CONC
15	S96T001512	960606A	ICP2	06/06/96	14:24	BJG	S	CONC
16	S96T001512_D	960606A	ICP2	06/06/96	14:27	BJG	S	CONC
17	S96T001513_L	960606A	ICP2	06/06/96	14:31	BJG	S	CONC
18	S96T001513	960606A	ICP2	06/06/96	14:34	BJG	S	CONC
19	S96T001513_D	960606A	ICP2	06/06/96	14:37	BJG	S	CONC
20	CCV	960606A	ICP2	06/06/96	14:41	BJG	Q	CONC
21	CCB	960606A	ICP2	06/06/96	14:44	BJG	Q	CONC
22	S96T001514_L	960606A	ICP2	06/06/96	14:48	BJG	S	CONC
23	S96T001514	960606A	ICP2	06/06/96	14:51	BJG	S	CONC
24	S96T001514_D	960606A	ICP2	06/06/96	14:55	BJG	S	CONC
25	ICSA	960606A	ICP2	06/06/96	14:58	BJG	Q	CONC
26	ICSAB	960606A	ICP2	06/06/96	15:01	BJG	Q	CONC
27	CCV	960606A	ICP2	06/06/96	15:04	BJG	Q	CONC
28	CCB	960606A	ICP2	06/06/96	15:09	BJG	Q	CONC

6-6-96
U-105 ACID DIGEST
S96T001511-14
4-mL-4-L

FILE # 0960606A.TXT

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 1033 TO 1038.

Analysis Report Averages Thu 06-06-96 03:12:43 PM page 2

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.967	4.886	5.182	5.031	5.007	5.152
2	ICB	.0016	.0101	.0158	.0068	.0001	.0002
3	LLS	.0215	.1082	.2246	.1072	.0993	.0105
4	ICSA	.0039	240.0	-.0710	.0060	.0031	.0004
5	ICSAB	.9749	239.1	-.0422	.0000	.4895	.4834
6	PREPSTDTJA	.9740	4.886	4.992	5.517	4.917	5.107
7	PREPBLKTJA	.0012	.1522	.0256	.8018	.0006	.0002
8	S96T001511_L	.1089	59.77	.0925	1.029	.0398	.0032
9	S96T001511	.0895	57.91	-.0524	.9343	.0363	.0013
10	S96T001511_D	.0837	54.48	-.0564	.6753	.0347	.0011
11	S96T001511_S	1.082	68.44	5.058	5.882	4.992	5.017
12	CCV	4.970	4.919	5.219	5.079	5.053	5.218
13	CCB	.0021	.0187	.0086	.0051	.0001	.0003
14	S96T001512	.1494	35.25	.0750	.4610	.0539	.0031
15	S96T001512	.1311	34.13	-.0383	.4010	.0526	.0010
16	S96T001512_D	.1464	38.96	-.0493	.5074	.0599	.0014
17	S96T001513_L	.1653	31.59	.1183	.5485	.0668	.0016
18	S96T001513	.1526	30.44	-.0161	.5294	.0636	.0012
19	S96T001513_D	.1566	30.53	-.0124	.7011	.0656	.0013
20	CCV	4.961	4.915	5.180	5.070	5.050	5.209
21	CCB	.0024	.0161	.0148	.0116	.0003	.0003
22	S96T001514_L	.1968	97.66	-.0366	.7036	.3689	.0063
23	S96T001514	.1709	95.02	-.0978	.6375	.3605	.0043
24	S96T001514_D	.1599	87.00	-.0561	.5773	.3204	.0040
25	ICSA	.0035	240.5	-.0467	.0067	.0031	.0004
26	ICSAB	.9760	240.1	-.0816	.0041	.4920	.4888
27	CCV	4.959	4.913	5.196	5.042	5.050	5.211
28	CCB	.0032	.0143	.0097	.0086	.0003	.0002

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	5.068	5.063	5.001	5.122	5.015	5.070
2	ICB	-.0074	.0013	.0005	-.0005	-.0002	-.0007
3	LLS	.1744	.2209	.0101	.2048	.0408	.0207
4	ICSA	-.0109	248.1	.0000	.0123	.0008	.0018
5	ICSAB	-.0266	250.3	.9495	.0132	.4686	.4798
6	PREPSTDTJA	4.797	4.823	4.749	5.086	4.879	4.814
7	PREPBLKTJA	.0083	.0453	.0002	-.0028	.0026	.0009
8	S96T001511_L	-.0325	.8232	.0661	.3245	.0202	11.17
9	S96T001511	-.0132	.8020	.0624	.2448	.0107	10.76
10	S96T001511_D	.0297	.7815	.0578	.2432	.0080	10.22
11	S96T001511_S	5.026	5.710	4.902	5.443	4.944	16.76
12	CCV	5.069	5.114	5.001	5.136	5.013	5.072
13	CCB	-.0130	.0011	.0008	-.0024	.0018	-.0010
14	S96T001512	.0657	.7431	.0966	.3670	.0193	10.20
15	S96T001512	.0069	.7036	.0838	.3425	.0130	10.06
16	S96T001512_D	.0080	.7718	.0924	.3764	.0133	11.35
17	S96T001513_L	-.0485	.5123	.0781	.3262	.0117	8.338
18	S96T001513	.0056	.4787	.0720	.3572	.0069	7.986
19	S96T001513_D	.0557	.5313	.0755	.3817	.0065	8.235
20	CCV	5.087	5.110	4.993	5.140	5.013	5.070
21	CCB	-.0196	.0033	.0002	.0034	-.0010	.0003

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#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
22	S96T001514_L	3.404	1.510	.2554	.7768	.0353	75.34
23	S96T001514_	3.375	1.512	.2504	.7575	.0420	72.54
24	S96T001514_D	3.033	1.405	.2261	.6822	.0390	64.87
25	ICSA	-.0344	251.7	-.0008	.0144	.0024	.0020
26	ICSAB	-.0195	251.8	.9531	.0091	.4700	.4805
27	CCV	5.094	5.147	4.994	5.139	5.019	5.056
28	CCB	.0020	.0027	.0004	.0033	.0015	.0002

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.170	-.0017	5.048	5.057	5.011	5.050
2	ICB	.0005	-.0009	.0003	.2424	-.0004	-.0005
3	LLS	.0207	.0001	.1010	Q.6813	.1008	.0209
4	ICSA	-.0107	-.0310	92.70	.4287	-.0045	.0037
5	ICSAB	.4889	-.0329	92.69	.2473	-.0050	.9869
6	PREPSTDTJA	4.859	-.0026	4.833	5.091	4.941	4.999
7	PREPBLKTJA	.0069	-.0015	.0325	.0950	-.0009	-.0007
8	S96T001511_L	.0499	-.0061	11.23	8.575	.1422	.0264
9	S96T001511_	.0466	.0003	10.77	7.086	.1259	.0291
10	S96T001511_D	.0402	-.0003	10.30	6.865	.1224	.0268
11	S96T001511_S	4.926	-.0006	16.77	12.55	5.164	5.083
12	CCV	5.236	-.0026	5.078	5.016	5.044	5.138
13	CCB	.0004	-.0009	.0001	.0024	-.0006	-.0006
14	S96T001512	.0446	-.0124	16.71	6.119	.1565	.0298
15	S96T001512	.0400	-.0004	16.39	4.562	.1562	.0403
16	S96T001512_D	.0596	-.0012	18.66	5.141	.1761	.0470
17	S96T001513_L	.0399	-.0125	20.93	5.054	.1577	.0205
18	S96T001513_	.0444	-.0026	20.03	4.355	.1553	.0232
19	S96T001513_D	.0491	-.0020	20.71	4.274	.1598	.0235
20	CCV	5.224	-.0026	5.073	4.994	5.049	5.107
21	CCB	.0002	-.0003	.0004	.3540	.0008	.0002
22	S96T001514_L	.0965	-.0333	109.0	9.221	.4270	.0230
23	S96T001514_	.0996	-.0212	104.9	7.105	.4248	.0256
24	S96T001514_D	.0835	-.0189	91.51	6.424	.3770	.0232
25	ICSA	-.0104	-.0375	93.46	.3106	-.0048	.0039
26	ICSAB	.4936	-.0364	93.39	.2270	-.0053	.9958
27	CCV	5.220	-.0022	5.071	5.048	5.055	5.092
28	CCB	.0011	-.0009	.0011	.4376	.0007	.0000

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.863	4.929	5.016	4.988	5.070	4.984
2	ICB	-.0134	-.0000	-.0014	-.0077	-.0046	.0022
3	LLS	.1924	.0193	.0956	.2081	.1959	.0408
4	ICSA	241.0	-.0067	-.0152	198.5	.0030	-.0052
5	ICSAB	239.8	.4503	-.0150	198.0	-.0009	.9234
6	PREPSTDTJA	4.601	4.701	4.655	5.750	4.908	4.856
7	PREPBLKTJA	.0007	.0001	-.0007	1.006	-.0022	-.0018
8	S96T001511_L	-.0200	3.271	.1432	1059.	.3112	.4894
9	S96T001511_	.0493	3.172	.1486	1020.	.3250	.4765
10	S96T001511_D	.0555	3.017	.1391	933.9	.3160	.4620
11	S96T001511_S	4.684	8.300	4.843	1128.	5.333	5.445

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#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
12	CCV	4.909	4.931	5.025	5.023	5.104	4.989
13	CCB	-.0191	-.0001	-.0016	-.0077	-.0070	.0031
14	S96T001512	.0005	4.972	.0561	1037.	.3510	.5050
15	S96T001512	.0875	4.942	.0890	992.1	.3875	.4769
16	S96T001512_D	.0902	5.604	.1007	1136.	.4402	.5517
17	S96T001513_L	-.0749	6.268	.0364	1232.	.3376	.4417
18	S96T001513	.0885	6.059	.0738	1184.	.3657	.4228
19	S96T001513_D	.1104	6.226	.0763	1195.	.3790	.4349
20	CCV	4.900	4.923	5.020	5.004	5.105	5.005
21	CCB	-.0090	.0001	-.0020	-.0009	-.0017	.0004
22	S96T001514_L	7.868	78.57	.1483	1045.	1.124	1.307
23	S96T001514	7.711	86.09	.1609	1010.	1.102	1.210
24	S96T001514_D	7.016	72.61	.1359	957.2	.9785	1.100
25	ICSA	242.4	-.0056	-.0165	197.5	.0002	.0008
26	ICSAB	241.4	.4523	-.0164	198.5	-.0000	.9300
27	CCV	4.885	4.917	5.008	5.000	5.116	5.019
28	CCB	-.0058	-.0002	-.0003	-.0034	-.0027	.0014

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.184	4.990	4.983	4.765	4.907	4.755
2	ICB	-.0026	.0072	-.0081	-.0006	-.0157	.0044
3	LLS	.4136	.2164	.2024	.1080	.1903	.1592
4	ICSA	.0508	.0355	.0281	.0050	-.0886	.0183
5	ICSAB	.0310	1.017	.0155	-.0031	-.0595	.0245
6	PREPSTDTJA	4.751	4.630	4.855	4.421	4.657	7.694
7	PREPBLKTJA	-.0038	.0221	.0783	.0071	-.0083	2.154
8	S96T001511_L	9.072	1.002	12.61	.0701	.1089	1.310
9	S96T001511	8.969	1.045	12.37	.0061	.0300	1.203
10	S96T001511_D	7.709	.9974	11.74	.0073	.0258	.9869
11	S96T001511_S	16.47	5.970	18.64	4.303	4.798	6.556
12	CCV	5.183	4.977	4.993	4.799	4.936	4.762
13	CCB	-.0129	.0023	.0021	.0047	.0227	.0026
14	S96T001512	22.38	1.168	8.776	.0382	.0281	1.070
15	S96T001512	22.04	1.205	8.633	.0356	.0520	1.007
16	S96T001512_D	26.66	1.314	9.842	.0080	.0473	1.379
17	S96T001513_L	50.22	1.159	5.077	.0854	.1553	1.931
18	S96T001513	48.39	1.131	4.865	.0059	.0538	1.806
19	S96T001513_D	50.13	1.175	4.902	.0139	.0303	1.938
20	CCV	5.058	5.003	4.922	4.789	4.953	4.763
21	CCB	.0016	.0006	-.0120	.0114	.0295	.0070
22	S96T001514_L	143.4	6.168	3.888	.0600	.2531	4.969
23	S96T001514	140.6	6.037	3.909	.0509	-.0002	4.769
24	S96T001514_D	129.7	5.315	3.469	.0472	.0244	4.778
25	ICSA	.0266	.0329	.0093	.0103	-.0540	.0146
26	ICSAB	.0219	1.015	.0160	.0152	-.0641	.0196
27	CCV	5.113	4.983	4.954	4.770	4.939	4.755
28	CCB	.0042	.0043	.0091	.0132	.0344	.0026

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#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	4.890	4.947	.0379	4.866	4.872	9.661
2	ICB	-.0107	-.0002	.0085	.0000	-.0113	-.0500
3	LLS	.1990	.0201	.0033	.0200	.4044	.5015
4	ICSA	-.0070	-.0020	.0222	.0017	.0095	-.0139
5	ICSAB	.0000	-.0022	.0218	.0013	-.0137	-.0038
6	PREPSTDTJA	4.829	4.851	.0385	4.122	4.627	9.463
7	PREPBLKTJA	-.0237	-.0000	.0059	.0017	.0069	-.0777
8	S96T001511_L	-.0275	.0086	.4841	.0128	-.1180	1.807
9	S96T001511_	.0470	.0092	.3713	.0113	.0154	2.063
10	S96T001511_D	.0489	.0086	.3511	.0104	-.0242	1.956
11	S96T001511_S	4.957	4.912	.4425	3.975	4.666	11.90
12	CCV	4.937	4.992	.0408	4.882	4.858	9.727
13	CCB	-.0142	-.0002	.0106	-.0007	.0077	-.0509
14	S96T001512	-.0967	.0069	.5527	.0122	-.0359	3.190
15	S96T001512	.0647	.0090	.4554	.0136	-.0303	3.813
16	S96T001512_D	.0611	.0099	.5030	.0155	-.0225	4.291
17	S96T001513_L	-.0585	.0074	.5190	.0116	.1802	4.340
18	S96T001513_	.0392	.0085	.4601	.0137	.0110	4.641
19	S96T001513_D	.0539	.0090	.4571	.0155	.0029	4.769
20	CCV	4.926	4.996	.0503	4.892	4.875	9.746
21	CCB	.0000	.0001	.0075	.0000	.0088	-.0126
22	S96T001514_L	.0863	.0952	.7994	.1700	.0112	64.08
23	S96T001514_	.2186	.0948	.7597	.1762	.0544	63.02
24	S96T001514_D	.1863	.0845	.6732	.1569	.1173	55.89
25	ICSA	-.0063	-.0021	.0214	.0017	-.0075	-.0501
26	ICSAB	-.0094	-.0022	.0211	.0015	-.0231	-.0606
27	CCV	4.936	5.002	.0425	4.892	4.855	9.731
28	CCB	-.0112	-.0001	.0138	.0001	.0015	-.0479

#	Sample Name	V	Y	Zn	Zr
1	ICV	4.997	.0062	5.039	4.904
2	ICB	-.0019	-.0004	.0003	-.0023
3	LLS	.1016	.0003	.0230	.0203
4	ICSA	-.0018	.0068	-.0003	-.0058
5	ICSAB	.4704	.0071	.9693	-.0049
6	PREPSTDTJA	4.773	.0047	4.664	4.059
7	PREPBLKTJA	-.0034	-.0011	.0060	.0003
8	S96T001511_L	-.0088	.0384	.1892	.2887
9	S96T001511_	.0048	.0411	.1778	.2990
10	S96T001511_D	.0041	.0388	.1494	.2823
11	S96T001511_S	4.842	.0514	4.977	3.912
12	CCV	5.019	.0059	5.033	4.920
13	CCB	-.0020	-.0006	.0014	-.0024
14	S96T001512	-.0019	.0394	.1979	.1654
15	S96T001512	.0205	.0453	.1760	.1808
16	S96T001512_D	.0214	.0505	.2149	.2401
17	S96T001513_L	.0251	.0389	.1889	.3548
18	S96T001513_	.0418	.0413	.1617	.3588
19	S96T001513_D	.0460	.0430	.1869	.3698
20	CCV	5.017	.0058	5.024	4.920
21	CCB	.0002	-.0001	.0005	-.0002

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#	Sample Name	V	Y	Zn	Zr
22	S96T001514_L	.1410	.1421	.5432	.7334
23	S96T001514_	.1558	.1441	.5369	.7336
24	S96T001514_D	.1394	.1274	.4730	.5470
25	ICSA	-.0014	.0068	-.0021	-.0054
26	ICSAB	.4727	.0068	.9720	-.0058
27	CCV	5.018	.0060	5.018	4.923
28	CCB	-.0021	-.0005	.0001	-.0024

File # 9604214.DAT

LABCORE Data Entry Template for Worklist# 7944

Analyst: B. Goecke **Instrument:** ICP01 _____ **Book#** 53848A

Method: LA-505-151/~~161~~ 145 4-25-96 Rev/Mod D-3

Worklist Comment: ICP U-105 (FUSION)

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPBLKARL				@ICP-F01	SOLID		
6	SERDIL	S96T000928	0	F	@ICP-F01	SOLID		
7	SAMPLE	S96T000928	0	F	@ICP-F01	SOLID	96000092	U-105 (R)
	Analytes Requested:				AL-F-01 , BI-F-01 , FE-F-01 , LI-F-01 , NA-F-01 , P-F-01 , SI-F-01			
8	DUP	S96T000928	0	F	@ICP-F01	SOLID		
9	SPK	S96T000928	0	F	@ICP-F01	SOLID		
10	CCV				@ICP-QC	QC		
11	CCB				@ICP-QC	QC		
12	SERDIL	S96T000933	0	F	@ICP-F01	SOLID		
13	SAMPLE	S96T000933	0	F	@ICP-F01	SOLID	96000092	U-105 (R)
	Analytes Requested:				AL-F-01 , BI-F-01 , FE-F-01 , LI-F-01 , NA-F-01 , P-F-01 , SI-F-01			
14	DUP	S96T000933	0	F	@ICP-F01	SOLID		
15	SPK	S96T000933	0	F	@ICP-F01	SOLID		
16	SERDIL	S96T000940	0	F	@ICP-F01	SOLID		
17	SAMPLE	S96T000940	0	F	@ICP-F01	SOLID	96000092	U-105 (R)

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 7944

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
		Analytes Requested:			AL-F-01 , BI-F-01 , FE-F-01 , LI-F-01 , MO-F-01 , NA-F-01 , ND-F-01 , NI-F-01 , P-F-01 , PB-F-01 , S-F-01 , SB-F-01 , SE-F-01 , SI-F-01 , SM-F-01 , SR-F-01 , TI-F-01 , TL-F-01 , U-F-01 , V-F-01 , ZN-F-01 , ZR-F-01			
18	DUP	S96T000940	0	F	@ICP-F01	SOLID		
19	SPK	S96T000940	0	F	@ICP-F01	SOLID		
20	ICSA				@ICP-QC	QC		
21	ICSAB				@ICP-QC	QC		
22	CCV				@ICP-QC	QC		
23	CCB				@ICP-QC	QC		

Final page for worklist # 7944

Analyst Signature: [signature] Date: 4-25-96

Reviewed by: Saul M. Parra Analyst Signature: [signature] Date: 4/26/96

		SF-
FILE/BLK ARC	.250 ml - 10 ml	1
S96T000928-C	.250 ml - 10 ml - 2 ml - 8 ml	205
S96T000928	.250 ml - 10 ml	41
S96T000928-D	.250 ml - 10 ml	41
S96T000928-A	.250 ml - 2 ml - 8 ml	41
S96T000933-C	.250 ml - 10 ml - 2 ml - 8 ml	205
S96T000933	.250 ml - 10 ml	41
S96T000933-D	.250 ml - 10 ml	41
S96T000933-A	.250 ml - 2 ml - 8 ml	41
S96T000940-C	.250 ml - 10 ml - 2 ml - 8 ml	205
S96T000940	.250 ml - 10 ml	41
S96T000940-D	.250 ml - 10 ml	41
S96T000940-A	.250 ml - 2 ml - 8 ml	41

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Completed Worklist Report for Worklist# 7944

Analyst: bjg **Instrument:** ICP01 **Book#** 53B48A

Method: LA-505-151 Rev/Mod D-3

Worklist Comment: ICP U-105 (FUSION)

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
1	ICV		0		@ICP-QC AG	QC	5.0	4.86e+00	97.200	% Recovery
1	ICV		0		@ICP-QC AL	QC	5.0	4.84e+00	96.800	% Recovery
1	ICV		0		@ICP-QC AS	QC	5.0	5.00e+00	100.000	% Recovery
1	ICV		0		@ICP-QC B	QC	5.0	5.06e+00	101.200	% Recovery
1	ICV		0		@ICP-QC BA	QC	5.0	4.97e+00	99.400	% Recovery
1	ICV		0		@ICP-QC BE	QC	5.0	5.12e+00	102.400	% Recovery
1	ICV		0		@ICP-QC BI	QC	5.0	4.93e+00	98.600	% Recovery
1	ICV		0		@ICP-QC CA	QC	5.0	4.95e+00	99.000	% Recovery
1	ICV		0		@ICP-QC CD	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV		0		@ICP-QC CE	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV		0		@ICP-QC CO	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0		@ICP-QC CR	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV		0		@ICP-QC CU	QC	5.0	5.04e+00	100.800	% Recovery
1	ICV		0		@ICP-QC FE	QC	5.0	5.03e+00	100.600	% Recovery
1	ICV		0		@ICP-QC K	QC	5.0	4.95e+00	99.000	% Recovery
1	ICV		0		@ICP-QC LA	QC	5.0	4.98e+00	99.600	% Recovery
1	ICV		0		@ICP-QC LI	QC	5.0	5.01e+00	100.200	% Recovery
1	ICV		0		@ICP-QC MG	QC	5.0	4.79e+00	95.800	% Recovery
1	ICV		0		@ICP-QC MN	QC	5.0	4.95e+00	99.000	% Recovery
1	ICV		0		@ICP-QC MO	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV		0		@ICP-QC NA	QC	5.0	4.95e+00	99.000	% Recovery
1	ICV		0		@ICP-QC ND	QC	5.0	5.17e+00	103.400	% Recovery
1	ICV		0		@ICP-QC NI	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV		0		@ICP-QC P	QC	5.0	4.95e+00	99.000	% Recovery
1	ICV		0		@ICP-QC PB	QC	5.0	4.94e+00	98.800	% Recovery
1	ICV		0		@ICP-QC S	QC	5.0	4.88e+00	97.600	% Recovery
1	ICV		0		@ICP-QC SB	QC	5.0	4.69e+00	93.800	% Recovery
1	ICV		0		@ICP-QC SE	QC	5.0	5.29e+00	105.800	% Recovery
1	ICV		0		@ICP-QC SI	QC	5.0	4.77e+00	95.400	% Recovery
1	ICV		0		@ICP-QC SM	QC	5.0	5.01e+00	100.200	% Recovery
1	ICV		0		@ICP-QC SR	QC	5.0	4.95e+00	99.000	% Recovery
1	ICV		0		@ICP-QC TI	QC	5.0	4.84e+00	96.800	% Recovery
1	ICV		0		@ICP-QC TL	QC	5.0	4.82e+00	96.400	% Recovery
1	ICV		0		@ICP-QC U	QC	10.0	9.54e+00	95.400	% Recovery
1	ICV		0		@ICP-QC V	QC	5.0	5.02e+00	100.400	% Recovery
1	ICV		0		@ICP-QC ZN	QC	5.0	4.99e+00	99.800	% Recovery
1	ICV		0		@ICP-QC ZR	QC	5.0	4.91e+00	98.200	% Recovery
2	ICB		0		@ICP-QC AG	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC AL	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC AS	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC B	QC	1	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
2	ICB		0		@ICP-QC BA	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC BE	QC	1	<5.00e-3		ug/g
2	ICB		0		@ICP-QC BI	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC CA	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC CD	QC	1	<5.00e-3		ug/g
2	ICB		0		@ICP-QC CE	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC CO	QC	1	<2.00e-2		ug/g
2	ICB		0		@ICP-QC CR	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC CU	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC FE	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC K	QC	1	<5.00e-1		ug/g
2	ICB		0		@ICP-QC LA	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC LI	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC MG	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC MN	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC MO	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC NA	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC ND	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC NI	QC	1	<2.00e-2		ug/g
2	ICB		0		@ICP-QC P	QC	1	<2.00e-1		ug/g
2	ICB		0		@ICP-QC PB	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC S	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC SB	QC	1	<6.00e-2		ug/g
2	ICB		0		@ICP-QC SE	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC SI	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC SM	QC	1	<1.00e-1		ug/g
2	ICB		0		@ICP-QC SR	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC TI	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC TL	QC	1	<2.00e-1		ug/g
2	ICB		0		@ICP-QC U	QC	1	<5.00e-1		ug/g
2	ICB		0		@ICP-QC V	QC	1	<5.00e-2		ug/g
2	ICB		0		@ICP-QC ZN	QC	1	<1.00e-2		ug/g
2	ICB		0		@ICP-QC ZR	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC AG	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC AL	QC	200	1.95e+02	97.500	% Recovery
3	ICSA		0		@ICP-QC AS	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC B	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC BA	QC	1	<5.00e-2		ug/g
3	ICSA		0		@ICP-QC BE	QC	1	<5.00e-3		ug/g
3	ICSA		0		@ICP-QC BI	QC	1.0	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC CA	QC	100.	1.02e+02	102.000	% Recovery
3	ICSA		0		@ICP-QC CD	QC	1	<5.00e-3		ug/g
3	ICSA		0		@ICP-QC CE	QC	1	<1.00e-1		ug/g
3	ICSA		0		@ICP-QC CO	QC	1	<2.00e-2		ug/g
3	ICSA		0		@ICP-QC CR	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC CU	QC	1	<1.00e-2		ug/g
3	ICSA		0		@ICP-QC FE	QC	100.	9.60e+01	96.000	% Recovery
3	ICSA		0		@ICP-QC K	QC	1	<5.00e-1		ug/g
3	ICSA		0		@ICP-QC LA	QC	1.0	<5.00e-2		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
3	ICSA		0		●ICP-QC	LI	QC	1	<1.00e-2		ug/g
3	ICSA		0		●ICP-QC	MG	QC	100.	9.93e+01	99.300	% Recovery
3	ICSA		0		●ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
3	ICSA		0		●ICP-QC	MO	QC	1	<5.00e-2		ug/g
3	ICSA		0		●ICP-QC	NA	QC	200	1.91e+02	95.500	% Recovery
3	ICSA		0		●ICP-QC	ND	QC	1	<1.00e-1		ug/g
3	ICSA		0		●ICP-QC	NI	QC	1	<2.00e-2		ug/g
3	ICSA		0		●ICP-QC	P	QC	1.0	<2.00e-1		ug/g
3	ICSA		0		●ICP-QC	PB	QC	1	<1.00e-1		ug/g
3	ICSA		0		●ICP-QC	S	QC	1.0	<1.00e-1		ug/g
3	ICSA		0		●ICP-QC	SB	QC	1	<6.00e-2		ug/g
3	ICSA		0		●ICP-QC	SE	QC	1	<1.00e-1		ug/g
3	ICSA		0		●ICP-QC	SI	QC	1	<5.00e-2		ug/g
3	ICSA		0		●ICP-QC	SM	QC	1	<1.00e-1		ug/g
3	ICSA		0		●ICP-QC	SR	QC	1	<1.00e-2		ug/g
3	ICSA		0		●ICP-QC	TI	QC	1	<1.00e-2		ug/g
3	ICSA		0		●ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
3	ICSA		0		●ICP-QC	U	QC	1	<5.00e-1		ug/g
3	ICSA		0		●ICP-QC	V	QC	1	<5.00e-2		ug/g
3	ICSA		0		●ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
3	ICSA		0		●ICP-QC	ZR	QC	1	<1.00e-2		ug/g
4	ICSAB		0		●ICP-QC	AG	QC	1.0	1.01e+00	101.000	% Recovery
4	ICSAB		0		●ICP-QC	AL	QC	200	1.96e+02	98.000	% Recovery
4	ICSAB		0		●ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		●ICP-QC	B	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		●ICP-QC	BA	QC	0.5	5.06e-01	101.200	% Recovery
4	ICSAB		0		●ICP-QC	BE	QC	0.5	5.02e-01	100.400	% Recovery
4	ICSAB		0		●ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		●ICP-QC	CA	QC	100.	1.02e+02	102.000	% Recovery
4	ICSAB		0		●ICP-QC	CD	QC	1.0	9.94e-01	99.400	% Recovery
4	ICSAB		0		●ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		●ICP-QC	CO	QC	0.5	4.89e-01	97.800	% Recovery
4	ICSAB		0		●ICP-QC	CR	QC	0.5	5.04e-01	100.800	% Recovery
4	ICSAB		0		●ICP-QC	CU	QC	0.5	4.98e-01	99.600	% Recovery
4	ICSAB		0		●ICP-QC	FE	QC	100	9.62e+01	96.200	% Recovery
4	ICSAB		0		●ICP-QC	K	QC	1.0	<5.00e-1		ug/g
4	ICSAB		0		●ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		●ICP-QC	LI	QC	1.0	9.38e-01	93.800	% Recovery
4	ICSAB		0		●ICP-QC	MG	QC	100.	1.01e+02	101.000	% Recovery
4	ICSAB		0		●ICP-QC	MN	QC	0.5	5.01e-01	100.200	% Recovery
4	ICSAB		0		●ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		●ICP-QC	NA	QC	200	1.91e+02	95.500	% Recovery
4	ICSAB		0		●ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		●ICP-QC	NI	QC	1.0	9.83e-01	98.300	% Recovery
4	ICSAB		0		●ICP-QC	P	QC	1.0	<2.00e-1		ug/g
4	ICSAB		0		●ICP-QC	PB	QC	1.0	1.00e+00	100.000	% Recovery
4	ICSAB		0		●ICP-QC	S	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		●ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
4	ICSAB		0		●ICP-QC	SE	QC	1.0	<1.00e-1		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
4	ICSAB		0		@ICP-QC SI	QC	1.0	<5.00e-2		ug/g
4	ICSAB		0		@ICP-QC SM	QC	1.0	<1.00e-1		ug/g
4	ICSAB		0		@ICP-QC SR	QC	1.0	<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC TI	QC	1.0	<1.00e-2		ug/g
4	ICSAB		0		@ICP-QC TL	QC	1.0	<2.00e-1		ug/g
4	ICSAB		0		@ICP-QC U	QC	1.0	<5.00e-1		ug/g
4	ICSAB		0		@ICP-QC V	QC	0.5	5.00e-01	100.000	% Recovery
4	ICSAB		0		@ICP-QC ZN	QC	1.0	9.95e-01	99.500	% Recovery
4	ICSAB		0		@ICP-QC ZR	QC	1.0	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 AG-F-01	SOLID	1	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 AL-F-01	SOLID	1	<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 AS-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 B-F-01	SOLID	1	<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 BA-F-01	SOLID	1	<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 BE-F-01	SOLID	1	<5.00e-3		ug/g
5	PREPBLKARL		0		@ICP-F01 BI-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 CA-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 CD-F-01	SOLID	1	<5.00e-3		ug/g
5	PREPBLKARL		0		@ICP-F01 CE-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 CO-F-01	SOLID	1	<2.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 CR-F-01	SOLID	1	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 CU-F-01	SOLID	1	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 FE-F-01	SOLID	1	<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 LA-F-01	SOLID	1	<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 LI-F-01	SOLID	1	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 MG-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 MN-F-01	SOLID	1	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 MO-F-01	SOLID	1	<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 NA-F-01	SOLID	1	1.14e-01	0.114	ug/g
5	PREPBLKARL		0		@ICP-F01 ND-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 NI-F-01	SOLID	1	1.55e-01	0.155	ug/g
5	PREPBLKARL		0		@ICP-F01 P-F-01	SOLID	1	<2.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 PB-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 S-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 SB-F-01	SOLID	1	<6.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 SE-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 SI-F-01	SOLID	1	<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 SM-F-01	SOLID	1	<1.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 SR-F-01	SOLID	1	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 TL-F-01	SOLID	1	<2.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 U-F-01	SOLID	1	<5.00e-1		ug/g
5	PREPBLKARL		0		@ICP-F01 V-F-01	SOLID	1	<5.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 ZN-F-01	SOLID	1	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 ZR-F-01	SOLID	1	<1.00e-2		ug/g
5	PREPBLKARL		0		@ICP-F01 TI-F-01	SOLID	1	<1.00e-2		ug/g
6	SAMPLE	S96T000928	0	F	@ICP-F01 AL-F-01	SOLID	N/A	2.53e+04	1060.000	ug/g
6	SAMPLE	S96T000928	0	F	@ICP-F01 BI-F-01	SOLID	N/A <	2.12e+03	2120.000	ug/g
6	SAMPLE	S96T000928	0	F	@ICP-F01 FE-F-01	SOLID	N/A	5.27e+03	1060.000	ug/g
6	SAMPLE	S96T000928	0	F	@ICP-F01 LI-F-01	SOLID	N/A <	2.12e+02	212.000	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

C-SD-WM-DP-182, REV. /

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A	Test		Matrix	Actual	Found	DL or Yield	Unit
6	SAMPLE	S96T000928	0	F	@ICP-F01	NA-F-01	SOLID	N/A	1.68e+05	2120.000	ug/g
6	SAMPLE	S96T000928	0	F	@ICP-F01	P-F-01	SOLID	N/A <	4.23e+03	4230.000	ug/g
6	SAMPLE	S96T000928	0	F	@ICP-F01	SI-F-01	SOLID	N/A	1.25e+04	1060.000	ug/g
7	DUP	S96T000928	0	F	@ICP-F01	AL-F-01	SOLID	2.53e+04	2.43e+04	4.032	RPD
7	DUP	S96T000928	0	F	@ICP-F01	BI-F-01	SOLID	<2.12e3	<2.15e3		RPD
7	DUP	S96T000928	0	F	@ICP-F01	FE-F-01	SOLID	5.27e+03	4.06e+03	25.938	RPD
7	DUP	S96T000928	0	F	@ICP-F01	LI-F-01	SOLID	<2.12e2	<2.15e2		RPD
7	DUP	S96T000928	0	F	@ICP-F01	NA-F-01	SOLID	1.68e+05	1.77e+05	5.217	RPD
7	DUP	S96T000928	0	F	@ICP-F01	P-F-01	SOLID	<4.23e3	<4.30e3		RPD
7	DUP	S96T000928	0	F	@ICP-F01	SI-F-01	SOLID	1.25e+04	5.04e+03	85.063	RPD
8	SPK	S96T000928	0	F	@ICP-F01	AL-F-01	SOLID	1	0.944	94.400	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	BI-F-01	SOLID	1	0.968	96.800	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	FE-F-01	SOLID	1	0.995	99.500	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	LI-F-01	SOLID	1	0.949	94.900	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	LI-F-01	SOLID	1	0.949	94.900	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	NA-F-01	SOLID	1	1.042	104.200	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	NA-F-01	SOLID	1	1.042	104.200	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	P-F-01	SOLID	1	1.024	102.400	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	P-F-01	SOLID	1	1.024	102.400	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	SI-F-01	SOLID	1	0.941	94.100	% Recovery
8	SPK	S96T000928	0	F	@ICP-F01	SI-F-01	SOLID	1	0.941	94.100	% Recovery
9	CCV		0		@ICP-QC	AG	QC	5.0	4.89e+00	97.800	% Recovery
9	CCV		0		@ICP-QC	AL	QC	5.0	4.83e+00	96.600	% Recovery
9	CCV		0		@ICP-QC	AS	QC	5.0	5.04e+00	100.800	% Recovery
9	CCV		0		@ICP-QC	B	QC	5.0	5.09e+00	101.800	% Recovery
9	CCV		0		@ICP-QC	BA	QC	5.0	4.97e+00	99.400	% Recovery
9	CCV		0		@ICP-QC	BE	QC	5.0	5.15e+00	103.000	% Recovery
9	CCV		0		@ICP-QC	BI	QC	5.0	4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	CA	QC	5.0	4.97e+00	99.400	% Recovery
9	CCV		0		@ICP-QC	CD	QC	5.0	4.98e+00	99.600	% Recovery
9	CCV		0		@ICP-QC	CE	QC	5.0	5.03e+00	100.600	% Recovery
9	CCV		0		@ICP-QC	CO	QC	5.0	4.98e+00	99.600	% Recovery
9	CCV		0		@ICP-QC	CR	QC	5.0	4.97e+00	99.400	% Recovery
9	CCV		0		@ICP-QC	CU	QC	5.0	5.04e+00	100.800	% Recovery
9	CCV		0		@ICP-QC	FE	QC	5.0	5.11e+00	102.200	% Recovery
9	CCV		0		@ICP-QC	K	QC	5.0	5.08e+00	101.600	% Recovery
9	CCV		0		@ICP-QC	LA	QC	5.0	5.03e+00	100.600	% Recovery
9	CCV		0		@ICP-QC	LI	QC	5.0	4.96e+00	99.200	% Recovery
9	CCV		0		@ICP-QC	MG	QC	5.0	4.81e+00	96.200	% Recovery
9	CCV		0		@ICP-QC	MN	QC	5.0	4.99e+00	99.800	% Recovery
9	CCV		0		@ICP-QC	MO	QC	5.0	4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	NA	QC	5.0	4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	ND	QC	5.0	5.27e+00	105.400	% Recovery
9	CCV		0		@ICP-QC	NI	QC	5.0	4.98e+00	99.600	% Recovery
9	CCV		0		@ICP-QC	P	QC	5.0	4.94e+00	98.800	% Recovery
9	CCV		0		@ICP-QC	PB	QC	5.0	5.01e+00	100.200	% Recovery
9	CCV		0		@ICP-QC	S	QC	5.0	4.84e+00	96.800	% Recovery
9	CCV		0		@ICP-QC	SB	QC	5.0	4.75e+00	95.000	% Recovery
9	CCV		0		@ICP-QC	SE	QC	5.0	5.26e+00	105.200	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A		Test	Matrix	Actual		Found	DL or Yield	Unit
9	CCV		0		@ICP-QC	SI	QC	5.0		4.78e+00	95.600	% Recovery
9	CCV		0		@ICP-QC	SM	QC	5.0		5.03e+00	100.600	% Recovery
9	CCV		0		@ICP-QC	SR	QC	5.0		4.95e+00	99.000	% Recovery
9	CCV		0		@ICP-QC	TI	QC	5.0		4.84e+00	96.800	% Recovery
9	CCV		0		@ICP-QC	TL	QC	5.0		4.83e+00	96.600	% Recovery
9	CCV		0		@ICP-QC	U	QC	10.0		9.67e+00	96.700	% Recovery
9	CCV		0		@ICP-QC	V	QC	5.0		5.06e+00	101.200	% Recovery
9	CCV		0		@ICP-QC	ZN	QC	5.0		5.02e+00	100.400	% Recovery
9	CCV		0		@ICP-QC	ZR	QC	5.0		4.95e+00	99.000	% Recovery
10	CCB		0		@ICP-QC	AG	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	AL	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	AS	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	B	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	BA	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	BE	QC	1		<5.00e-3		ug/g
10	CCB		0		@ICP-QC	BI	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CA	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CD	QC	1		<5.00e-3		ug/g
10	CCB		0		@ICP-QC	CE	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	CO	QC	1		<2.00e-2		ug/g
10	CCB		0		@ICP-QC	CR	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	CU	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	FE	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	K	QC	1		<5.00e-1		ug/g
10	CCB		0		@ICP-QC	LA	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	LI	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	MG	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	MN	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	MO	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	NA	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	ND	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	NI	QC	1		<2.00e-2		ug/g
10	CCB		0		@ICP-QC	P	QC	1		<2.00e-1		ug/g
10	CCB		0		@ICP-QC	PB	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	S	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SB	QC	1		<6.00e-2		ug/g
10	CCB		0		@ICP-QC	SE	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SI	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	SM	QC	1		<1.00e-1		ug/g
10	CCB		0		@ICP-QC	SR	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	TI	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	TL	QC	1		<2.00e-1		ug/g
10	CCB		0		@ICP-QC	U	QC	1		<5.00e-1		ug/g
10	CCB		0		@ICP-QC	V	QC	1		<5.00e-2		ug/g
10	CCB		0		@ICP-QC	ZN	QC	1		<1.00e-2		ug/g
10	CCB		0		@ICP-QC	ZR	QC	1		<1.00e-2		ug/g
11	SAMPLE	S96T000933	0	F	@ICP-F01	AL-F-01	SOLID	N/A		1.19e+04	979.000	ug/g
11	SAMPLE	S96T000933	0	F	@ICP-F01	BI-F-01	SOLID	N/A	<	1.96e+03	1960.000	ug/g
11	SAMPLE	S96T000933	0	F	@ICP-F01	FE-F-01	SOLID	N/A		1.01e+03	979.000	ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A	Test	Matrix	Actual		Found	DL or Yield	Unit
11	SAMPLE	S96T000933	0	F	@ICP-F01 LI-F-01	SOLID	N/A	<	1.96e+02	196.000	ug/g
11	SAMPLE	S96T000933	0	F	@ICP-F01 NA-F-01	SOLID	N/A		2.08e+05	1960.000	ug/g
11	SAMPLE	S96T000933	0	F	@ICP-F01 P-F-01	SOLID	N/A	<	3.92e+03	3920.000	ug/g
11	SAMPLE	S96T000933	0	F	@ICP-F01 SI-F-01	SOLID	N/A		1.26e+03	979.000	ug/g
12	DUP	S96T000933	0	F	@ICP-F01 AL-F-01	SOLID	1.19e+04		1.19e+04	0.000	RPD
12	DUP	S96T000933	0	F	@ICP-F01 BI-F-01	SOLID	<1.96e3		<1.98e3		RPD
12	DUP	S96T000933	0	F	@ICP-F01 FE-F-01	SOLID	1.01e+03		<9.89e2		RPD
12	DUP	S96T000933	0	F	@ICP-F01 LI-F-01	SOLID	<1.96e2		<1.98e2		RPD
12	DUP	S96T000933	0	F	@ICP-F01 NA-F-01	SOLID	2.08e+05		2.10e+05	0.957	RPD
12	DUP	S96T000933	0	F	@ICP-F01 P-F-01	SOLID	<3.92e3		<3.96e3		RPD
12	DUP	S96T000933	0	F	@ICP-F01 SI-F-01	SOLID	1.26e+03		1.15e+03	9.129	RPD
13	SPK	S96T000933	0	F	@ICP-F01 AL-F-01	SOLID	1		0.952	95.200	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 BI-F-01	SOLID	1		0.980	98.000	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 FE-F-01	SOLID	1		0.978	97.800	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 LI-F-01	SOLID	1		0.941	94.100	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 LI-F-01	SOLID	1		0.941	94.100	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 NA-F-01	SOLID	1		0.770	77.000	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 NA-F-01	SOLID	1		0.770	77.000	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 P-F-01	SOLID	1		1.049	104.900	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 P-F-01	SOLID	1		1.049	104.900	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 SI-F-01	SOLID	1		0.965	96.500	% Recovery
13	SPK	S96T000933	0	F	@ICP-F01 SI-F-01	SOLID	1		0.965	96.500	% Recovery
14	SAMPLE	S96T000940	0	F	@ICP-F01 AL-F-01	SOLID	N/A		9.05e+03	1020.000	ug/g
14	SAMPLE	S96T000940	0	F	@ICP-F01 BI-F-01	SOLID	N/A	<	2.03e+03	2030.000	ug/g
14	SAMPLE	S96T000940	0	F	@ICP-F01 FE-F-01	SOLID	N/A	<	1.02e+03	1020.000	ug/g
14	SAMPLE	S96T000940	0	F	@ICP-F01 LI-F-01	SOLID	N/A	<	2.03e+02	203.000	ug/g
14	SAMPLE	S96T000940	0	F	@ICP-F01 NA-F-01	SOLID	N/A		2.22e+05	2030.000	ug/g
14	SAMPLE	S96T000940	0	F	@ICP-F01 P-F-01	SOLID	N/A	<	4.07e+03	4070.000	ug/g
14	SAMPLE	S96T000940	0	F	@ICP-F01 SI-F-01	SOLID	N/A	<	1.02e+03	1020.000	ug/g
15	DUP	S96T000940	0	F	@ICP-F01 AL-F-01	SOLID	9.05e+03		8.94e+03	1.223	RPD
15	DUP	S96T000940	0	F	@ICP-F01 BI-F-01	SOLID	<2.03e3		<2.03e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 FE-F-01	SOLID	<1.02e3		<1.02e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 LI-F-01	SOLID	<2.03e2		<2.03e2		RPD
15	DUP	S96T000940	0	F	@ICP-F01 MO-F-01	SOLID	<1.02e3		<1.02e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 NA-F-01	SOLID	2.22e+05		2.15e+05	3.204	RPD
15	DUP	S96T000940	0	F	@ICP-F01 ND-F-01	SOLID	<2.03e3		<2.03e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 NI-F-01	SOLID	1.93e+03		1.73e+03	10.929	RPD
15	DUP	S96T000940	0	F	@ICP-F01 P-F-01	SOLID	<4.07e3		<4.07e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 PB-F-01	SOLID	<2.03e3		<2.03e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 S-F-01	SOLID	4.63e+03		4.70e+03	1.501	RPD
15	DUP	S96T000940	0	F	@ICP-F01 SB-F-01	SOLID	<1.22e3		<1.22e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 SE-F-01	SOLID	<2.03e3		<2.03e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 SI-F-01	SOLID	<1.02e3		<1.02e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 SM-F-01	SOLID	<2.03e3		<2.03e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 SR-F-01	SOLID	<2.03e2		<2.03e2		RPD
15	DUP	S96T000940	0	F	@ICP-F01 TL-F-01	SOLID	<4.07e3		<4.07e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 U-F-01	SOLID	<1.02e4		<1.02e4		RPD
15	DUP	S96T000940	0	F	@ICP-F01 V-F-01	SOLID	<1.02e3		<1.02e3		RPD
15	DUP	S96T000940	0	F	@ICP-F01 ZN-F-01	SOLID	<2.03e2		<2.03e2		RPD

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
15	DUP	S96T000940	0	F	@ICP-F01 ZR-F-01	SOLID	<2.03e2	<2.03e2		RPD
15	DUP	S96T000940	0	F	@ICP-F01 TI-F-01	SOLID	<2.03e2	<2.03e2		RPD
16	SPK	S96T000940	0	F	@ICP-F01 AL-F-01	SOLID	1	0.928	92.800	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 BI-F-01	SOLID	1	0.951	95.100	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 FE-F-01	SOLID	1	1.020	102.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 LI-F-01	SOLID	1	0.937	93.700	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 LI-F-01	SOLID	1	0.937	93.700	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 MO-F-01	SOLID	1	0.959	95.900	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 MO-F-01	SOLID	1	0.959	95.900	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 NA-F-01	SOLID	1	0.700	70.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 NA-F-01	SOLID	1	0.700	70.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 ND-F-01	SOLID	1	1.063	106.300	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 ND-F-01	SOLID	1	1.063	106.300	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 NI-F-01	SOLID	1	0.971	97.100	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 NI-F-01	SOLID	1	0.971	97.100	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 P-F-01	SOLID	1	1.034	103.400	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 P-F-01	SOLID	1	1.034	103.400	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 PB-F-01	SOLID	1	0.978	97.800	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 PB-F-01	SOLID	1	0.978	97.800	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 S-F-01	SOLID	1	0.924	92.400	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 S-F-01	SOLID	1	0.924	92.400	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SB-F-01	SOLID	1	0.910	91.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SB-F-01	SOLID	1	0.910	91.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SE-F-01	SOLID	1	1.032	103.200	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SE-F-01	SOLID	1	1.032	103.200	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SI-F-01	SOLID	1	0.966	96.600	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SI-F-01	SOLID	1	0.966	96.600	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SM-F-01	SOLID	1	1.000	100.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SM-F-01	SOLID	1	1.000	100.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SR-F-01	SOLID	1	0.980	98.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 SR-F-01	SOLID	1	0.980	98.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 TL-F-01	SOLID	1	0.932	93.200	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 TL-F-01	SOLID	1	0.932	93.200	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 U-F-01	SOLID	2	2.029	101.450	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 U-F-01	SOLID	2	2.029	101.450	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 V-F-01	SOLID	1	0.990	99.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 V-F-01	SOLID	1	0.990	99.000	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 ZN-F-01	SOLID	1	0.966	96.600	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 ZN-F-01	SOLID	1	0.966	96.600	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 ZR-F-01	SOLID	1	0.983	98.300	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 TI-F-01	SOLID	1	0.951	95.100	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 ZR-F-01	SOLID	1	0.983	98.300	% Recovery
16	SPK	S96T000940	0	F	@ICP-F01 TI-F-01	SOLID	1	0.951	95.100	% Recovery
17	ICSA		0		@ICP-QC AG	QC	1	<1.00e-2		ug/g
17	ICSA		0		@ICP-QC AL	QC	200	1.94e+02	97.000	% Recovery
17	ICSA		0		@ICP-QC AS	QC	1	<1.00e-1		ug/g
17	ICSA		0		@ICP-QC B	QC	1	<5.00e-2		ug/g
17	ICSA		0		@ICP-QC BA	QC	1	<5.00e-2		ug/g
17	ICSA		0		@ICP-QC BE	QC	1	<5.00e-3		ug/g

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
17	ICSA		0		●ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
17	ICSA		0		●ICP-QC	CA	QC	100.	1.03e+02	103.000	% Recovery
17	ICSA		0		●ICP-QC	CD	QC	1	<5.00e-3		ug/g
17	ICSA		0		●ICP-QC	CE	QC	1	<1.00e-1		ug/g
17	ICSA		0		●ICP-QC	CO	QC	1	<2.00e-2		ug/g
17	ICSA		0		●ICP-QC	CR	QC	1	<1.00e-2		ug/g
17	ICSA		0		●ICP-QC	CU	QC	1	<1.00e-2		ug/g
17	ICSA		0		●ICP-QC	FE	QC	100.	9.70e+01	97.000	% Recovery
17	ICSA		0		●ICP-QC	K	QC	1	<5.00e-1		ug/g
17	ICSA		0		●ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
17	ICSA		0		●ICP-QC	LI	QC	1	<1.00e-2		ug/g
17	ICSA		0		●ICP-QC	MG	QC	100.	9.72e+01	97.200	% Recovery
17	ICSA		0		●ICP-QC	MN	QC	1.0	<1.00e-2		ug/g
17	ICSA		0		●ICP-QC	MO	QC	1	<5.00e-2		ug/g
17	ICSA		0		●ICP-QC	NA	QC	200	1.92e+02	96.000	% Recovery
17	ICSA		0		●ICP-QC	ND	QC	1	<1.00e-1		ug/g
17	ICSA		0		●ICP-QC	NI	QC	1	<2.00e-2		ug/g
17	ICSA		0		●ICP-QC	P	QC	1.0	<2.00e-1		ug/g
17	ICSA		0		●ICP-QC	PB	QC	1	<1.00e-1		ug/g
17	ICSA		0		●ICP-QC	S	QC	1.0	<1.00e-1		ug/g
17	ICSA		0		●ICP-QC	SB	QC	1	<6.00e-2		ug/g
17	ICSA		0		●ICP-QC	SE	QC	1	<1.00e-1		ug/g
17	ICSA		0		●ICP-QC	SI	QC	1	<5.00e-2		ug/g
17	ICSA		0		●ICP-QC	SM	QC	1	<1.00e-1		ug/g
17	ICSA		0		●ICP-QC	SR	QC	1	<1.00e-2		ug/g
17	ICSA		0		●ICP-QC	TI	QC	1	<1.00e-2		ug/g
17	ICSA		0		●ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
17	ICSA		0		●ICP-QC	U	QC	1	<5.00e-1		ug/g
17	ICSA		0		●ICP-QC	V	QC	1	<5.00e-2		ug/g
17	ICSA		0		●ICP-QC	ZN	QC	1.0	<1.00e-2		ug/g
17	ICSA		0		●ICP-QC	ZR	QC	1	<1.00e-2		ug/g
18	ICSAB		0		●ICP-QC	AG	QC	1.0	1.00e+00	100.000	% Recovery
18	ICSAB		0		●ICP-QC	AL	QC	200	1.93e+02	96.500	% Recovery
18	ICSAB		0		●ICP-QC	AS	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0		●ICP-QC	B	QC	1.0	<5.00e-2		ug/g
18	ICSAB		0		●ICP-QC	BA	QC	0.5	5.05e-01	101.000	% Recovery
18	ICSAB		0		●ICP-QC	BE	QC	0.5	4.99e-01	99.800	% Recovery
18	ICSAB		0		●ICP-QC	BI	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0		●ICP-QC	CA	QC	100.	1.02e+02	102.000	% Recovery
18	ICSAB		0		●ICP-QC	CD	QC	1.0	9.89e-01	98.900	% Recovery
18	ICSAB		0		●ICP-QC	CE	QC	1.0	<1.00e-1		ug/g
18	ICSAB		0		●ICP-QC	CO	QC	0.5	4.83e-01	96.600	% Recovery
18	ICSAB		0		●ICP-QC	CR	QC	0.5	4.93e-01	98.600	% Recovery
18	ICSAB		0		●ICP-QC	CU	QC	0.5	4.97e-01	99.400	% Recovery
18	ICSAB		0		●ICP-QC	FE	QC	100	9.69e+01	96.900	% Recovery
18	ICSAB		0		●ICP-QC	K	QC	1.0	<5.00e-1		ug/g
18	ICSAB		0		●ICP-QC	LA	QC	1.0	<5.00e-2		ug/g
18	ICSAB		0		●ICP-QC	LI	QC	1.0	9.26e-01	92.600	% Recovery
18	ICSAB		0		●ICP-QC	MG	QC	100.	9.83e+01	98.300	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit
18	ICSAB	0		@ICP-QC	MN	QC	0.5	4.99e-01	99.800	% Recovery
18	ICSAB	0		@ICP-QC	MO	QC	1.0	<5.00e-2		ug/g
18	ICSAB	0		@ICP-QC	NA	QC	200	1.89e+02	94.500	% Recovery
18	ICSAB	0		@ICP-QC	ND	QC	1.0	<1.00e-1		ug/g
18	ICSAB	0		@ICP-QC	NI	QC	1.0	9.71e-01	97.100	% Recovery
18	ICSAB	0		@ICP-QC	P	QC	1.0	<2.00e-1		ug/g
18	ICSAB	0		@ICP-QC	PB	QC	1.0	1.00e+00	100.000	% Recovery
18	ICSAB	0		@ICP-QC	S	QC	1.0	<1.00e-1		ug/g
18	ICSAB	0		@ICP-QC	SB	QC	1.0	<6.00e-2		ug/g
18	ICSAB	0		@ICP-QC	SE	QC	1.0	<1.00e-1		ug/g
18	ICSAB	0		@ICP-QC	SI	QC	1.0	<5.00e-2		ug/g
18	ICSAB	0		@ICP-QC	SM	QC	1.0	<1.00e-1		ug/g
18	ICSAB	0		@ICP-QC	SR	QC	1.0	<1.00e-2		ug/g
18	ICSAB	0		@ICP-QC	TI	QC	1.0	<1.00e-2		ug/g
18	ICSAB	0		@ICP-QC	TL	QC	1.0	<2.00e-1		ug/g
18	ICSAB	0		@ICP-QC	U	QC	1.0	<5.00e-1		ug/g
18	ICSAB	0		@ICP-QC	V	QC	0.5	4.92e-01	98.400	% Recovery
18	ICSAB	0		@ICP-QC	ZN	QC	1.0	9.78e-01	97.800	% Recovery
18	ICSAB	0		@ICP-QC	ZR	QC	1.0	<1.00e-2		ug/g
19	CCV	0		@ICP-QC	AG	QC	5.0	4.89e+00	97.800	% Recovery
19	CCV	0		@ICP-QC	AL	QC	5.0	4.82e+00	96.400	% Recovery
19	CCV	0		@ICP-QC	AS	QC	5.0	5.03e+00	100.600	% Recovery
19	CCV	0		@ICP-QC	B	QC	5.0	5.07e+00	101.400	% Recovery
19	CCV	0		@ICP-QC	BA	QC	5.0	4.95e+00	99.000	% Recovery
19	CCV	0		@ICP-QC	BE	QC	5.0	5.14e+00	102.800	% Recovery
19	CCV	0		@ICP-QC	BI	QC	5.0	4.94e+00	98.800	% Recovery
19	CCV	0		@ICP-QC	CA	QC	5.0	4.96e+00	99.200	% Recovery
19	CCV	0		@ICP-QC	CD	QC	5.0	4.98e+00	99.600	% Recovery
19	CCV	0		@ICP-QC	CE	QC	5.0	4.99e+00	99.800	% Recovery
19	CCV	0		@ICP-QC	CO	QC	5.0	4.99e+00	99.800	% Recovery
19	CCV	0		@ICP-QC	CR	QC	5.0	4.98e+00	99.600	% Recovery
19	CCV	0		@ICP-QC	CU	QC	5.0	5.02e+00	100.400	% Recovery
19	CCV	0		@ICP-QC	FE	QC	5.0	5.09e+00	101.800	% Recovery
19	CCV	0		@ICP-QC	K	QC	5.0	5.03e+00	100.600	% Recovery
19	CCV	0		@ICP-QC	LA	QC	5.0	5.02e+00	100.400	% Recovery
19	CCV	0		@ICP-QC	LI	QC	5.0	4.90e+00	98.000	% Recovery
19	CCV	0		@ICP-QC	MG	QC	5.0	4.82e+00	96.400	% Recovery
19	CCV	0		@ICP-QC	MN	QC	5.0	5.00e+00	100.000	% Recovery
19	CCV	0		@ICP-QC	MO	QC	5.0	4.94e+00	98.800	% Recovery
19	CCV	0		@ICP-QC	NA	QC	5.0	4.90e+00	98.000	% Recovery
19	CCV	0		@ICP-QC	ND	QC	5.0	5.26e+00	105.200	% Recovery
19	CCV	0		@ICP-QC	NI	QC	5.0	4.98e+00	99.600	% Recovery
19	CCV	0		@ICP-QC	P	QC	5.0	5.11e+00	102.200	% Recovery
19	CCV	0		@ICP-QC	PB	QC	5.0	4.97e+00	99.400	% Recovery
19	CCV	0		@ICP-QC	S	QC	5.0	4.92e+00	98.400	% Recovery
19	CCV	0		@ICP-QC	SB	QC	5.0	4.71e+00	94.200	% Recovery
19	CCV	0		@ICP-QC	SE	QC	5.0	5.19e+00	103.800	% Recovery
19	CCV	0		@ICP-QC	SI	QC	5.0	4.78e+00	95.600	% Recovery
19	CCV	0		@ICP-QC	SM	QC	5.0	5.00e+00	100.000	% Recovery

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq	Type	Sample#	R	A		Test	Matrix	Actual	Found	DL or Yield	Unit
19	CCV		0		@ICP-QC	SR	QC	5.0	4.94e+00	98.800	% Recovery
19	CCV		0		@ICP-QC	TI	QC	5.0	4.83e+00	96.600	% Recovery
19	CCV		0		@ICP-QC	TL	QC	5.0	4.82e+00	96.400	% Recovery
19	CCV		0		@ICP-QC	U	QC	10.0	9.64e+00	96.400	% Recovery
19	CCV		0		@ICP-QC	V	QC	5.0	5.06e+00	101.200	% Recovery
19	CCV		0		@ICP-QC	ZN	QC	5.0	5.03e+00	100.600	% Recovery
19	CCV		0		@ICP-QC	ZR	QC	5.0	4.95e+00	99.000	% Recovery
20	CCB		0		@ICP-QC	AG	QC	1	<1.00e-2		ug/g
20	CCB		0		@ICP-QC	AL	QC	1	<5.00e-2		ug/g
20	CCB		0		@ICP-QC	AS	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	B	QC	1	<5.00e-2		ug/g
20	CCB		0		@ICP-QC	BA	QC	1	<5.00e-2		ug/g
20	CCB		0		@ICP-QC	BE	QC	1	<5.00e-3		ug/g
20	CCB		0		@ICP-QC	BI	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	CA	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	CD	QC	1	<5.00e-3		ug/g
20	CCB		0		@ICP-QC	CE	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	CO	QC	1	<2.00e-2		ug/g
20	CCB		0		@ICP-QC	CR	QC	1	<1.00e-2		ug/g
20	CCB		0		@ICP-QC	CU	QC	1	<1.00e-2		ug/g
20	CCB		0		@ICP-QC	FE	QC	1	<5.00e-2		ug/g
20	CCB		0		@ICP-QC	K	QC	1	<5.00e-1		ug/g
20	CCB		0		@ICP-QC	LA	QC	1	<5.00e-2		ug/g
20	CCB		0		@ICP-QC	LI	QC	1	<1.00e-2		ug/g
20	CCB		0		@ICP-QC	MG	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	MN	QC	1	<1.00e-2		ug/g
20	CCB		0		@ICP-QC	MO	QC	1	<5.00e-2		ug/g
20	CCB		0		@ICP-QC	NA	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	ND	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	NI	QC	1	<2.00e-2		ug/g
20	CCB		0		@ICP-QC	P	QC	1	<2.00e-1		ug/g
20	CCB		0		@ICP-QC	PB	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	S	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	SB	QC	1	<6.00e-2		ug/g
20	CCB		0		@ICP-QC	SE	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	SI	QC	1	<5.00e-2		ug/g
20	CCB		0		@ICP-QC	SM	QC	1	<1.00e-1		ug/g
20	CCB		0		@ICP-QC	SR	QC	1	<1.00e-2		ug/g
20	CCB		0		@ICP-QC	TI	QC	1	<1.00e-2		ug/g
20	CCB		0		@ICP-QC	TL	QC	1	<2.00e-1		ug/g
20	CCB		0		@ICP-QC	U	QC	1	<5.00e-1		ug/g
20	CCB		0		@ICP-QC	V	QC	1	<5.00e-2		ug/g
20	CCB		0		@ICP-QC	ZN	QC	1	<1.00e-2		ug/g
20	CCB		0		@ICP-QC	ZR	QC	1	<1.00e-2		ug/g

Final page for worklist# 7944

Units shown for QC (BLK/BKG) may not reflect the actual units.

LABCORE Completed Worklist Report for Worklist# 7944

Seq Type	Sample#	R	A	Test	Matrix	Actual	Found	DL or Yield	Unit

Analyst Signature Date Analyst Signature Date

Reviewer Signature Date 4/26/96

Units shown for QC (BLK/BKG) may not reflect the actual units.

Identity 1: ICV Identity 2: Quality Control 1:13 PM April 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4.914	4.945	4.930	4.768	4.841	4.976	5.038	5.010
S.D.	0.015	0.016	0.030	0.009	0.014	0.013	0.021	0.042
% R.S.D.	0.307	0.318	0.609	0.196	0.298	0.263	0.425	0.846

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.992	4.937	4.981	5.025	4.953	4.940	5.167	9.543
S.D.	0.008	0.014	0.012	0.040	0.016	0.009	0.034	0.054
% R.S.D.	0.151	0.293	0.241	0.805	0.332	0.185	0.653	0.567

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.025	5.008	4.967	4.955	4.875	4.790	4.999	4.949
S.D.	0.015	0.020	0.018	0.270	0.105	0.005	0.030	0.042
% R.S.D.	0.304	0.407	0.362	5.453	2.155	0.113	0.597	0.856

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.944	5.292	4.858	4.940	4.838	4.942	5.056	4.952
S.D.	0.009	0.037	0.012	0.028	0.012	0.003	0.016	0.038
% R.S.D.	0.185	0.691	0.250	0.567	0.253	0.070	0.322	0.764

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.947	4.689	5.021	5.123	4.819
S.D.	0.009	0.049	0.009	0.016	0.005
% R.S.D.	0.173	1.036	0.171	0.317	0.100

4-25-96
U-105 Fusion Digest
596T000 928, 937, 940
.250-1-10-L, 5X

File # 960425A.DAT

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 1053 TO 1075.

Identity 1: ICB Identity 2: Quality Control 1:17 PM April 25, 1996
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	0.002	-0.000	-0.009	0.005	-0.018	-0.001	-0.001	-0.000
S.D.	0.000	0.000	0.009	0.002	0.001	0.002	0.000	0.000
% R.S.D.	18.954	60.000	101.681	43.046	8.183	169.847	34.468	94.387

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.000	0.006	-0.004	-0.002	0.000	-0.004	-0.007	0.137
S.D.	0.000	0.001	0.001	0.001	0.000	0.001	0.005	0.038
% R.S.D.	155.091	17.871	19.143	25.425	15.746	32.707	76.449	27.655

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.027	0.014	-0.000	-0.001	-0.008	0.000	-0.003	-0.012
S.D.	0.007	0.004	0.000	0.009	0.005	0.000	0.001	0.001
% R.S.D.	25.910	30.852	66.811	633.252	56.615	86.603	20.069	11.547

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.002	-0.019	-0.001	0.014	0.001	-0.001	0.002	-0.054
S.D.	0.001	0.013	0.000	0.003	0.000	0.001	0.000	0.016
% R.S.D.	32.763	66.651	49.857	23.005	25.852	48.136	11.048	28.703

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.001	0.030	-0.002	-0.000	-0.105
S.D.	0.000	0.013	0.000	0.000	0.005
% R.S.D.	0.783	41.374	11.182	47.369	5.213