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

DOCUMENT NUMBER: SD-WM-DP-139

SECTION 3 OF 5

TITLE: FINAL REPORT FOR TANK 241-B-101 PUSH MODE CORES 90 + 91

DATE: 11/06/95

ORIGINATOR: SCHREIBER RD

CO: WHC

RECIPIENT:

CO:

REFERENCES: ECN-625769

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WESTINGHOUSE HANFORD COMPANY
222-S LABORATORY
INORGANIC ANALYTICAL BATCH AND SUMMARY SHEET

ANION ANALYSIS ON DIONEX

SAMPLE #:	S95T001544 & S95T001546		
TEST CODE:	@ic-01	ANALYST:	A. LAMBEL
INSTRUMENT:	IC01	ANALYSIS DATE:	09/08/95
WORK LIST #:	2249	SAMPLE POINT:	B-101
BATCH ID:	n/a	SAMPLE PREP:	H2O DIG

Result Units µg/g	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
106N9C			106.0%					
S95T001544	<0.00	<0.00	5.88E+04	<0.00	<0.00	<0.00	<0.00	<0.00
S95T001544-DUP	<0.00	<0.00	6.92E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 1 RPD	N/A	N/A	16.3%	N/A	N/A	N/A	N/A	N/A
S95T001546	<0.00	<0.00	3.72E+04	<0.00	<0.00	<0.00	<0.00	<0.00
S95T001546-DUP	<0.00	<0.00	5.25E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 RPD	ERR	ERR	34.3%	ERR	ERR	ERR	ERR	ERR
S95T001544-SPK			130.4%					

NARRATIVE: **Analyst Comments:**

Chemist Comments:

Form Completed By:	RL Pitch	Date:	9/15/95
Chemist Approval:	John Fryer	Date:	9/18/95

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LAB LEADER INFO	
Method:	Ia-533-105
Matrix:	solid
Test Code:	@ic-01
Work List #:	2249
Batch #:	n/a
Result Units	
(µg/g or µg/mL):	µg/g
Spike Book Number:	106N9C
Spike Sample #:	1
Prepared By:	RT STEELE
Prepared Date:	09/15/95
Chemist:	J.FRYE
Analyst:	A. LAMBEL
Analysis Date:	09/08/95
Time Complete:	
Instrument Code:	IC01
Rerun:	0
Sample Prep:	H2O DIG
Sample Point:	B-101
Sample Type	
STANDARD	106N9C
SAMPLE 1	S95T001544
DUPLICATE 1	S95T001544-DUP
SAMPLE 2	S95T001546
DUPLICATE 2	S95T001546-DUP
SAMPLE 3	
DUPLICATE 3	
SAMPLE 4	
DUPLICATE 4	
SPIKE	S95T001544-SPK
SPIKE DUPLICATE	

PRINT

TECH INFO	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Blank Data (µg/mL)			<.547					
Standard Data (µg/mL)			584.103					
Sample 1 Data (µg/mL)			6.12E+02					
Sample 1 Dilution Factor			101					
Sample 1 Prep DF	10.403	10.403	10.403	10.403	10.403	10.403	10.403	10.403
Duplicate 1 Data (µg/mL)			7.18E+02					
Duplicate 1 Dilution Factor			101					
Duplicate 1 Prep DF	10.344	10.344	10.344	10.344	10.344	10.344	10.344	10.344
Sample 2 Data (µg/mL)			2.17E+02					
Sample 2 Dilution Factor			21					
Sample 2 Prep DF	5.827	5.827	5.827	5.827	5.827	5.827	5.827	5.827
Duplicate 2 Data (µg/mL)			3.05E+02					
Duplicate 2 Dilution Factor			21					
Duplicate 2 Prep DF	5.807	5.807	5.807	5.807	5.807	5.807	5.807	5.807
Sample 3 Data (µg/mL)								
Sample 3 Dilution Factor								
Sample 3 Prep DF								
Duplicate 3 Data (µg/mL)								
Duplicate 3 Dilution Factor								
Duplicate 3 Prep DF								
Sample 4 Data (µg/mL)								
Sample 4 Dilution Factor								
Sample 4 Prep DF								
Duplicate 4 Data (µg/mL)								
Duplicate 4 Dilution Factor								
Duplicate 4 Prep DF								
Spike + Sample 1 (µg/mL)			1.31E+03					
Spike + Dup 1 (µg/mL)								
Spike Volume (mL)			1.00E-01					
Total Volume (mL)			10.10					
Std. Conc. (µg/mL)			532					
Detection Limit			0.547					
Matrix Detection Limit 1	0.00E+00	0.00E+00	5.31E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Matrix Detection Limit 2	0.00E+00	0.00E+00	1.97E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Matrix Detection Limit 3	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Matrix Detection Limit 4	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR

Spike Recovery = [((Spike+Sample)-(Sample)*(Total Volume))/((Spike Vol.)*(Spike Std.)*(Sample DF))]*100%
Note: (For spike recovery when the sample conc. is less than detection limit you do NOT subtract sample conc.)
Duplicate Relative % Difference = ((Sample - Duplicate) / ((Sample + Duplicate) / 2) * 100%)
Less than Values are Calculated from the Detection Limit*Dilution Factor

v RESULTS v	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Standard % Recovery			106.0%					
Sample 1 in µg/g	<0.00	<0.00	5.88E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 1 in µg/g	<0.00	<0.00	6.92E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 1 RPD	N/A	N/A	16.3%	N/A	N/A	N/A	N/A	N/A
Sample 2 in µg/g	<0.00	<0.00	3.72E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 in µg/g	<0.00	<0.00	5.25E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 RPD	ERR	ERR	34.3%	ERR	ERR	ERR	ERR	ERR
Spike % Recovery			130.4%					

Data Entry by: RT Steele — Date: 09/15/95
Approved by: Jerrid Frye — Date: 9/15
Form DIONEX.WB1 Rev. 1.3

WESTINGHOUSE HANFORD COMPANY
222-S LABORATORY
INORGANIC ANALYTICAL BATCH AND SUMMARY SHEET

ANION ANALYSIS ON DIONEX

SAMPLE #:	S95T001544 & S95T001546		
TEST CODE:	@ic-01	ANALYST:	A. LAMBEL
INSTRUMENT:	IC01	ANALYSIS DATE:	09/08/95
WORK LIST #:	2249	SAMPLE POINT:	B-101
BATCH ID:	n/a	SAMPLE PREP:	H2O DIG

Result Units µg/g	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
106N9C			106.0%					
S95T001544	<0.00	<0.00	5.88E+04	<0.00	<0.00	<0.00	<0.00	<0.00
S95T001544-DUP	<0.00	<0.00	6.92E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 1 RPD	N/A	N/A	16.3%	N/A	N/A	N/A	N/A	N/A
S95T001546	<0.00	<0.00	3.72E+04	<0.00	<0.00	<0.00	<0.00	<0.00
S95T001546-DUP	<0.00	<0.00	5.25E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 RPD	ERR	ERR	34.3%	ERR	ERR	ERR	ERR	ERR
S95T001546-SPK			120.2%					

NARRATIVE: **Analyst Comments:**

Chemist Comments:

Form Completed By:	RL Steele	Date:	9/15/95
Chemist Approval:	Jack Fuge	Date:	9/15/95

LAB LEADER INFO	
Method:	la-533-105
Matrix:	solid
Test Code:	@ic-01
Work List #:	2249
Batch #:	n/a
Result Units	
(µg/g or µg/mL):	µg/g
Spike Book Number:	106N9C
Spike Sample #:	2
Prepared By:	RT STEELE
Prepared Date:	09/15/95
Chemist:	J.FRYE
Analyst:	A. LAMBEL
Analysis Date:	09/08/95
Time Complete:	
Instrument Code:	IC01
Rerun:	0
Sample Prep:	H2O DIG
Sample Point:	B-101
Sample Type	
STANDARD	106N9C
SAMPLE 1	S95T001544
DUPLICATE 1	S95T001544-DUP
SAMPLE 2	S95T001546
DUPLICATE 2	S95T001546-DUP
SAMPLE 3	
DUPLICATE 3	
SAMPLE 4	
DUPLICATE 4	
SPIKE	S95T001546-SPK
SPIKE DUPLICATE	

PRINT

TECH INFO	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Blank Data (µg/mL)			<.547					
Standard Data (µg/mL)			564.103					
Sample 1 Data (µg/mL)			6.12E+02					
Sample 1 Dilution Factor			101					
Sample 1 Prep DF	10.403	10.403	10.403	10.403	10.403	10.403	10.403	10.403
Duplicate 1 Data (µg/mL)			7.16E+02					
Duplicate 1 Dilution Factor			101					
Duplicate 1 Prep DF	10.344	10.344	10.344	10.344	10.344	10.344	10.344	10.344
Sample 2 Data (µg/mL)			2.17E+02					
Sample 2 Dilution Factor			21					
Sample 2 Prep DF	5.827	5.827	5.827	5.827	5.827	5.827	5.827	5.827
Duplicate 2 Data (µg/mL)			3.05E+02					
Duplicate 2 Dilution Factor			21					
Duplicate 2 Prep DF	5.807	5.807	5.807	5.807	5.807	5.807	5.807	5.807
Sample 3 Data (µg/mL)								
Sample 3 Dilution Factor								
Sample 3 Prep DF								
Duplicate 3 Data (µg/mL)								
Duplicate 3 Dilution Factor								
Duplicate 3 Prep DF								
Sample 4 Data (µg/mL)								
Sample 4 Dilution Factor								
Sample 4 Prep DF								
Duplicate 4 Data (µg/mL)								
Duplicate 4 Dilution Factor								
Duplicate 4 Prep DF								
Spike + Sample 2 (µg/mL)			3.44E+02					
Spike + Dup 2 (µg/mL)								
Spike Volume (mL)			1.00E-01					
Total Volume (mL)			10.50					
Std. Conc. (µg/mL)			532					
Detection Limit			0.547					
Matrix Detection Limit 1	0.00E+00	0.00E+00	5.31E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Matrix Detection Limit 2	0.00E+00	0.00E+00	1.97E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Matrix Detection Limit 3	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Matrix Detection Limit 4	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR

Spike Recovery = [((Spike+Sample)-(Sample)*(Total Volume))/((Spike Vol.)*(Spike Std.)*(Sample DF))]*100%
Note: (For spike recovery when the sample conc. is less than detection limit you do NOT subtract sample conc.)
Duplicate Relative % Difference = ((Sample - Duplicate) / ((Sample + Duplicate) / 2) * 100%)
Less than Values are Calculated from the Detection Limit*Dilution Factor

v RESULTS v	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Standard % Recovery			106.0%					
Sample 1 in µg/g	<0.00	<0.00	6.88E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 1 in µg/g	<0.00	<0.00	6.92E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 1 RPD	N/A	N/A	16.3%	N/A	N/A	N/A	N/A	N/A
Sample 2 in µg/g	<0.00	<0.00	3.72E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 in µg/g	<0.00	<0.00	5.25E+04	<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 RPD	ERR	ERR	34.3%	ERR	ERR	ERR	ERR	ERR
Spike % Recovery			120.2%					

Data Entry by: RT Steele Date: 09/15/95
Approved by: Jerry Frye Date: 9/18/95
Form DIONEX.WB1 Rev. 1.3

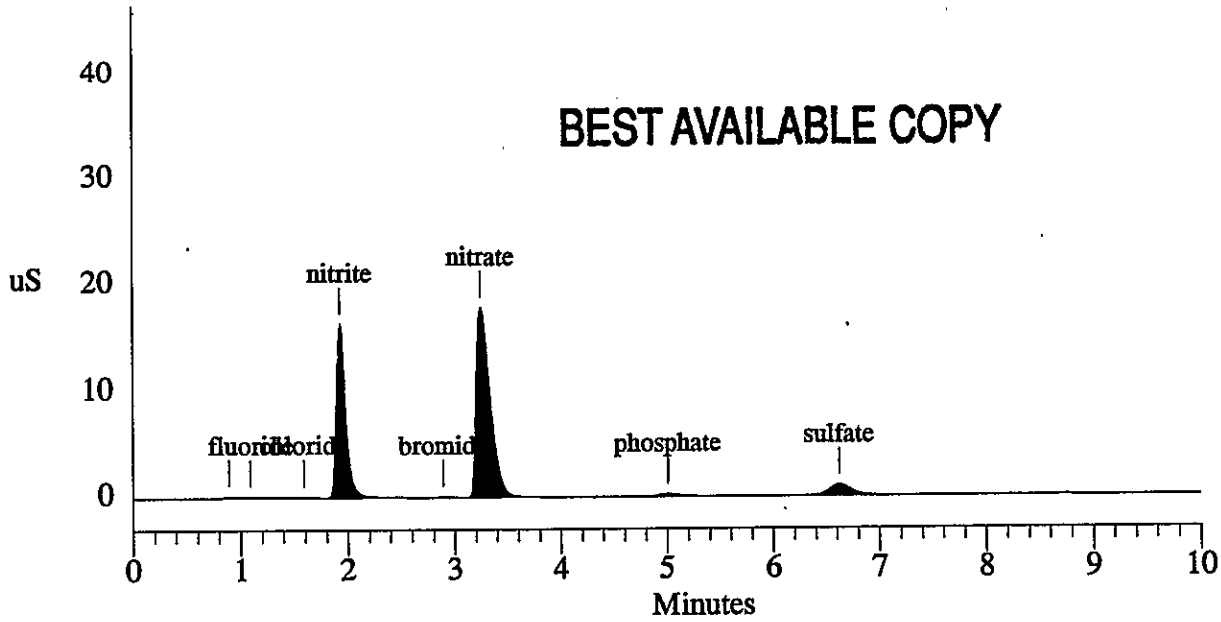
```
==================================================================================
| Sample Name: S95T001546 DUP.                    Date: 09/08/1995 12:11:31      |
| Data File  : C:\DX\DATA\95090521.D07                                           |
| Method     : C:\DX\METHOD\KIT.MET                                              |
| ACI Address: 1  System: 1  Inject#: 7                      Detector:CDM-1      |
| Analyst    :                Column: AG4A/AS4A anion column/SRS                 |
==================================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	21	3000	5Hz	0.00	10.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	142	815	2	
2	1.09	fluoride	0.856	84	458	2	2.83
3	1.59	chloride	0.557	109	599	1	-3.64
4	1.93	nitrite	304.968	16311	97149	1	-3.98
5	2.89	bromide	5.436	75	491	1	-2.69
6	3.25	nitrate	565.907	17833	161583	1	-2.99
7	5.01	phosphate	27.859	239	2959	1	-0.60
8	6.62	sulfate	42.771	1017	14280	1	-1.05
		Totals	948.354	35811	278333		

File: 95090521.D07 Sample: S95T001546 DUP.



WHC-SD-WM-DP-139, REV. 1

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 1616 TO 1731.

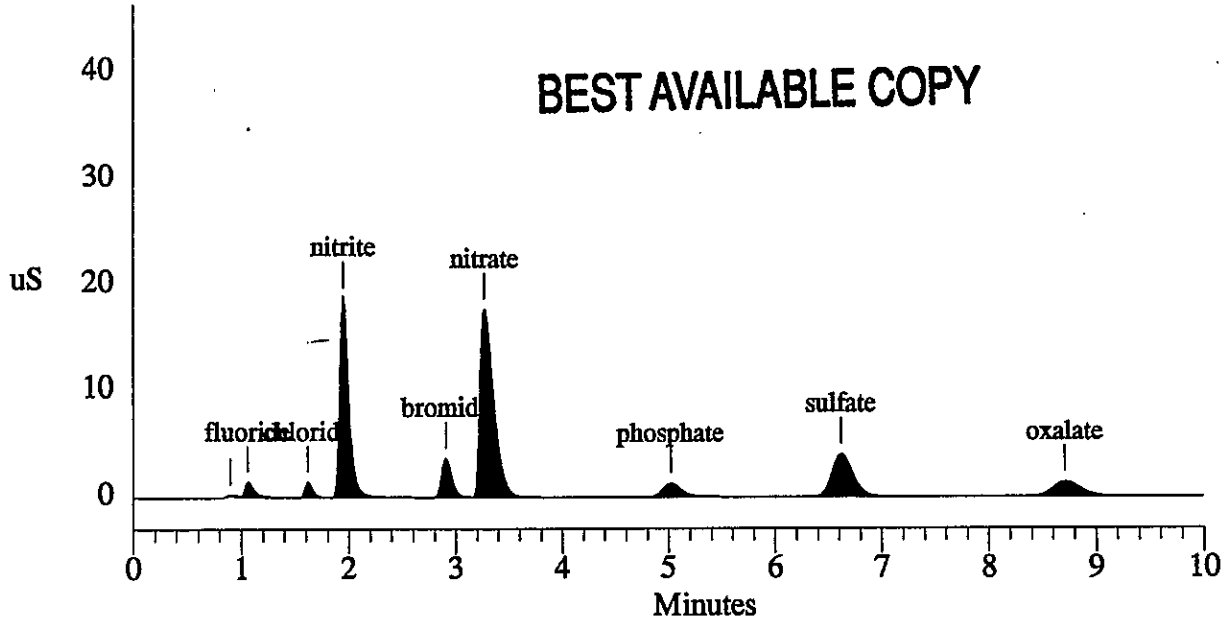
Sample Name: S95T001546 SPIKE Date: 09/08/1995 12:22:38
Data File : C:\DX\DATA\95090521.D08
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 2 Inject#: 8 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column/SRS

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	21	3000	5Hz	0.00	10.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	168	814	2	
2	1.06	fluoride	13.504	1399	8183	2	0.00
3	1.62	chloride	16.842	1469	7711	1	-1.82
4	1.95	nitrite	344.371	18825	110441	1	-2.99
5	2.91	bromide	122.321	3698	25178	1	-2.02
6	3.27	nitrate	556.616	17718	158661	1	-2.39
7	5.02	phosphate	136.129	1312	16509	1	-0.40
8	6.62	sulfate	163.424	4071	56588	1	-1.05
9	8.71	oxalate	109.197	1401	25481	1	-1.02
		Totals	1462.406	50062	409565		

File: 95090521.D08 Sample: S95T001546 SPIKE



WHC-SD-WM-DP-139, REV. 1

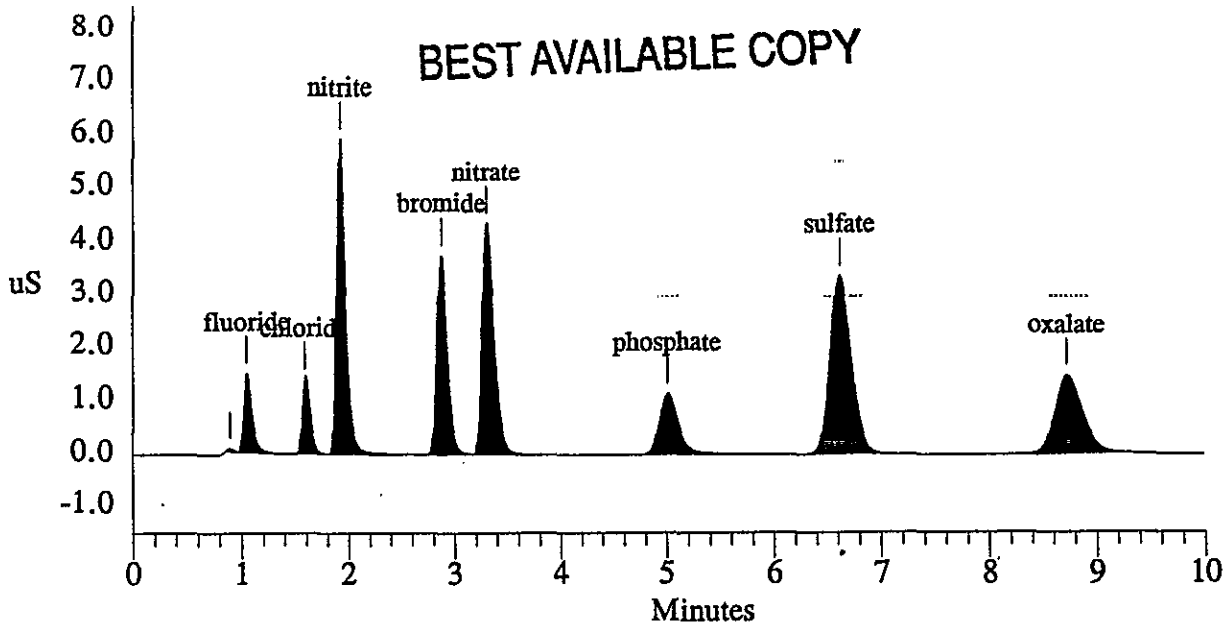
```
==================================================================================
| Sample Name: 106N9-C                          Date: 09/08/1995 09:48:26          |
| Data File  : C:\DX\DATA\95090521.D02                                             |
| Method     : C:\DX\METHOD\KIT.MET                                                |
| ACI Address: 1  System: 1  Inject#: 2                      Detector:CDM-1        |
| Analyst    :                 Column: AG4A/AS4A anion column/SRS                  |
==================================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3000	5Hz	0.00	10.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml		Height	Area	Bl. Code	%Delta
1	0.89		0.000		61	287	2	
2	1.05	fluoride	63.761	1.0806949	1464	8029	2	-0.94
3	1.59	chloride	81.640	1.0359493	1381	7770	1	-3.64
4	1.92	nitrite	564.103	1.0603439	5915	36089	1	-4.48
5	2.88	bromide	601.618	1.0462921	3739	25773	1	-3.03
6	3.30	nitrate	627.112	1.021355	4323	34652	1	-1.49
7	5.01	phosphate	574.605	1.0523901	1127	14389	1	-0.60
8	6.62	sulfate	654.964	1.0379778	3366	46894	1	-1.05
9	8.73	oxalate	551.748	1.0509485	1453	26839	1	-0.80
		Totals	3719.550		22830	200720		

File: 95090521.D02 Sample: 106N9-C



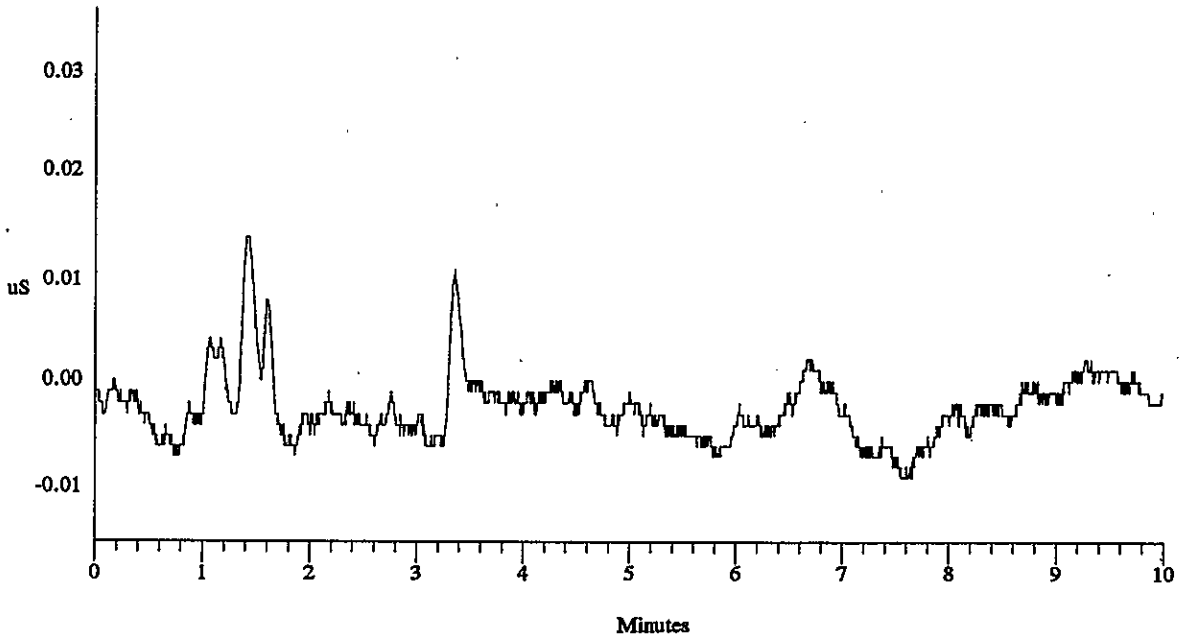
```
==========================================================================
| Sample Name: INSTR.BLK                          Date: 09/08/1995 09:17:07 |
| Data File  : C:\DX\DATA\95090801.D01                                      |
| Method     : C:\DX\METHOD\KIT.MET                                         |
| ACI Address: 1  System: 1  Inject#: 1                   Detector:CDM-1    |
| Analyst    :                 Column: AG4A/AS4A anion column/SRS          |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3000	5Hz	0.00	10.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
		Totals	0.000	0	0		

File: 95090801.D01 Sample: INSTR.BLK



WHC-SD-WM-DP-139, REV. 1

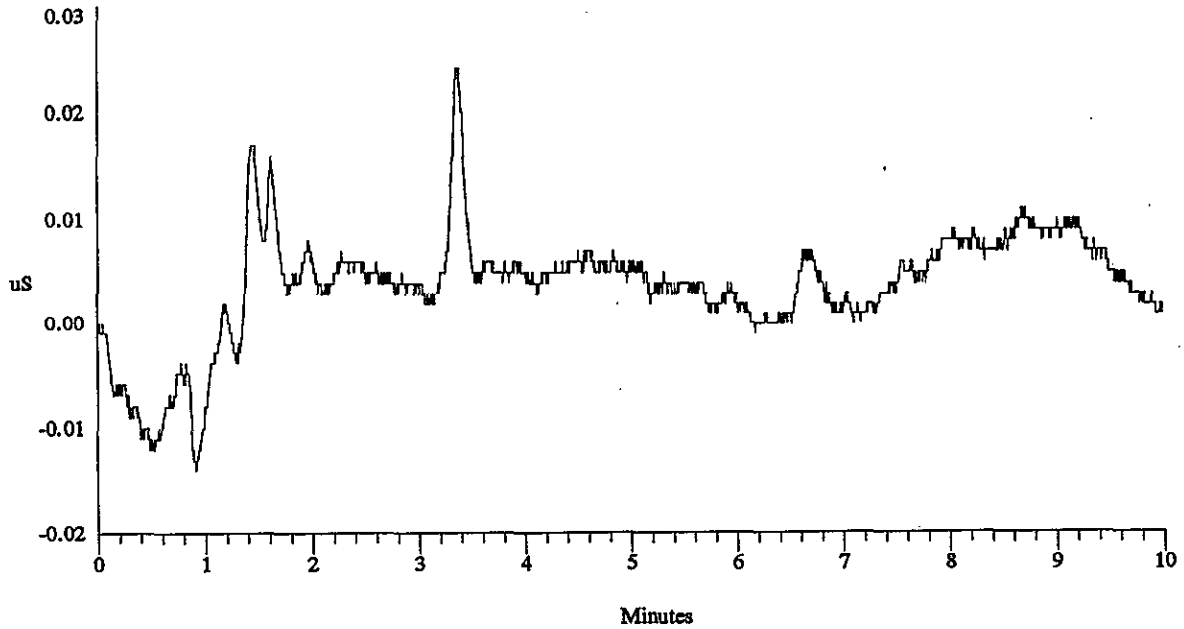
```
==========================================================================
| Sample Name: PREP. BLK.                    Date: 09/08/1995 09:30:37    |
| Data File  : C:\DX\DATA\95090521.D01                                    |
| Method     : C:\DX\METHOD\KIT.MET                                       |
| ACI Address: 1  System: 1  Inject#: 1                Detector:CDM-1     |
| Analyst    :                Column: AG4A/AS4A anion column/SRS         |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	3000	5Hz	0.00	10.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
		Totals	0.000	0	0		

File: 95090521.D01 Sample: PREP. BLK.



WHC-SD-WM-DP-139, REV. 1

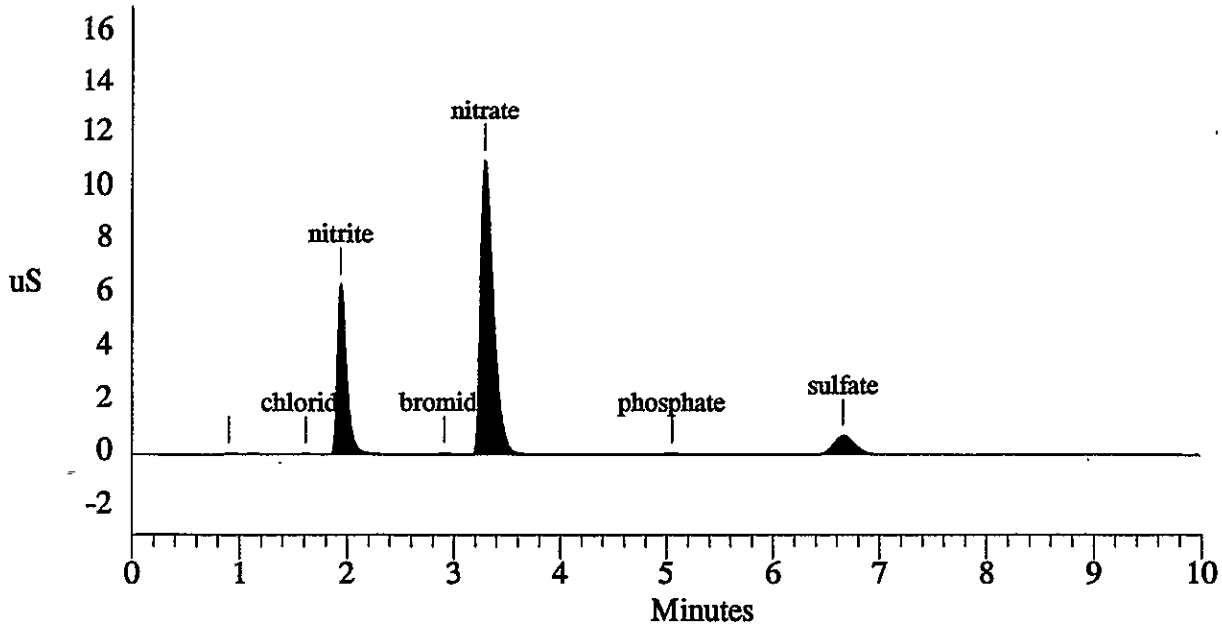
```
==============================================================================
| Sample Name: S95T001544                      Date: 09/08/1995 10:02:41      |
| Data File  : C:\DX\DATA\95090521.D03                                        |
| Method     : C:\DX\METHOD\KIT.MET                                           |
| ACI Address: 1  System: 1  Inject#: 3                   Detector:CDM-1      |
| Analyst    :                  Column: AG4A/AS4A anion column/SRS           |
==============================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3000	5Hz	0.00	10.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	50	286	1	
2	1.61	chloride	-1.040	51	267	1	-2.42
3	1.94	nitrite	611.593	6369	39215	1	-3.48
4	2.91	bromide	25.913	73	481	1	-2.02
5	3.29	nitrate	1640.816	11049	93714	1	-1.79
6	5.05	phosphate	40.210	49	574	1	0.20
7	6.66	sulfate	147.827	722	10146	1	-0.45
		Totals	2465.320	18365	144682		

File: 95090521.D03 Sample: S95T001544



WHC-SD-WM-DP-139, REV. 1

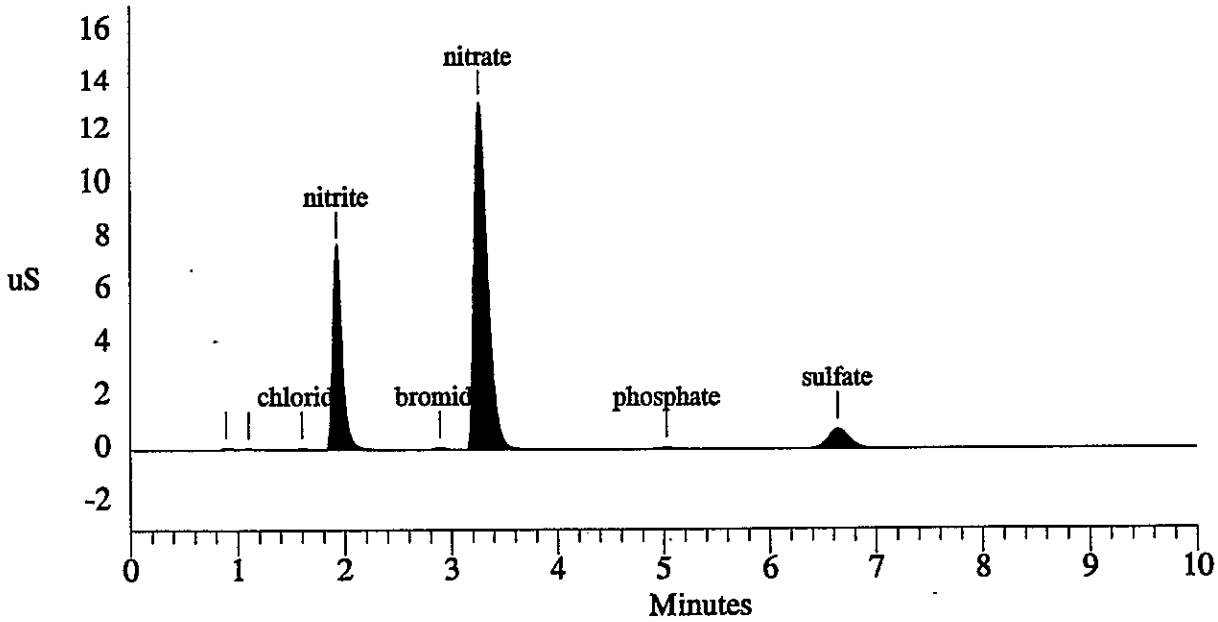
```
==========================================================================
| Sample Name: S95T001544 DUP.                Date: 09/08/1995 10:15:52   |
| Data File  : C:\DX\DATA\95090521.D04                                    |
| Method     : C:\DX\METHOD\KIT.MET                                       |
| ACI Address: 1  System: 1  Inject#: 4                  Detector:CDM-1   |
| Analyst    :                Column: AG4A/AS4A anion column/SRS          |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3000	5Hz	0.00	10.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	58	321	2	
3	1.60	chloride	0.396	78	395	1	-3.03
4	1.92	nitrite	716.200	7637	46132	1	-4.48
5	2.89	bromide	27.598	86	554	1	-2.69
6	3.26	nitrate	1965.888	13164	113542	1	-2.69
7	5.03	phosphate	50.521	68	836	1	-0.20
8	6.64	sulfate	152.744	752	10496	1	-0.75
		Totals	2913.347	21843	172276		

File: 95090521.D04 Sample: S95T001544 DUP.



WHC-SD-WM-DP-139, REV. 1

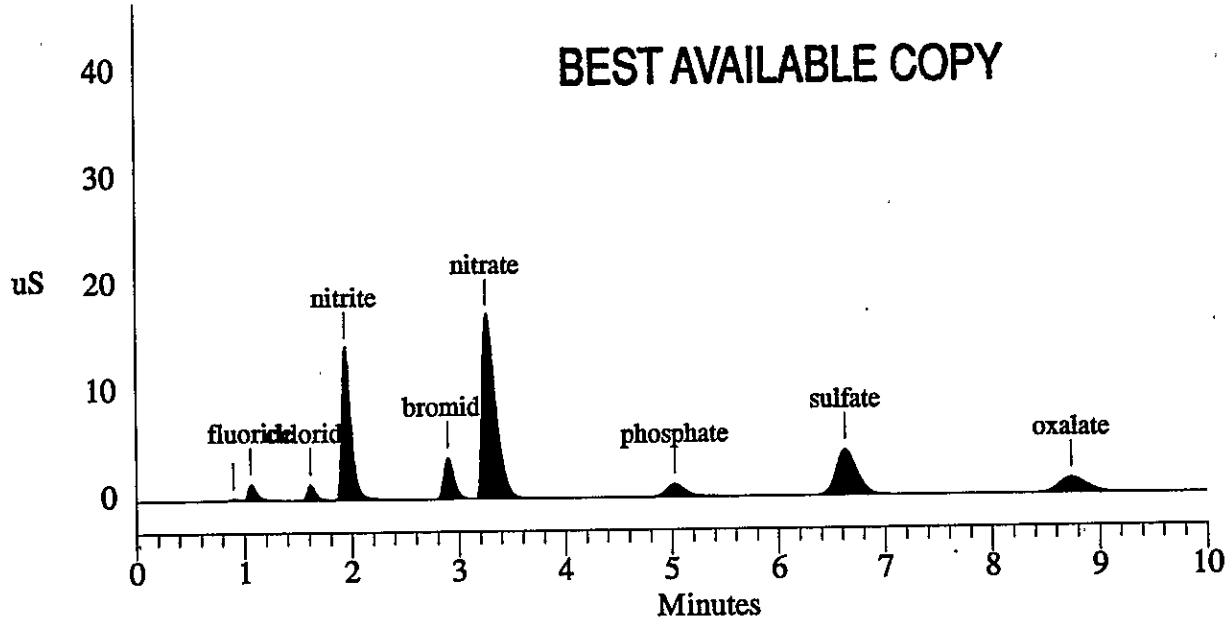
```
==========================================================================
| Sample Name: S95T001544 SPIKE                Date: 09/08/1995 11:32:19 |
| Data File  : C:\DX\DATA\95090521.D05                                   |
| Method     : C:\DX\METHOD\KIT.MET                                      |
| ACI Address: 1  System: 1  Inject#: 5                Detector:CDM-1    |
| Analyst    :                 Column: AG4A/AS4A anion column/SRS       |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	101	3000	5Hz	0.00	10.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	109	525	2	
2	1.06	fluoride	69.068	1493	8716	2	0.00
3	1.61	chloride	84.191	1480	8005	1	-2.42
4	1.94	nitrite	1305.159	14157	85951	1	-3.48
5	2.90	bromide	608.314	3888	26073	1	-2.36
6	3.26	nitrate	2603.175	17204	153854	1	-2.69
7	5.03	phosphate	607.458	1219	15257	1	-0.20
8	6.63	sulfate	827.797	4304	59698	1	-0.90
9	8.74	oxalate	553.561	1461	26931	1	-0.68
		Totals	6658.724	45316	385011		

File: 95090521.D05 Sample: S95T001544 SPIKE



WHC-SD-WM-DP-139, REV. 1

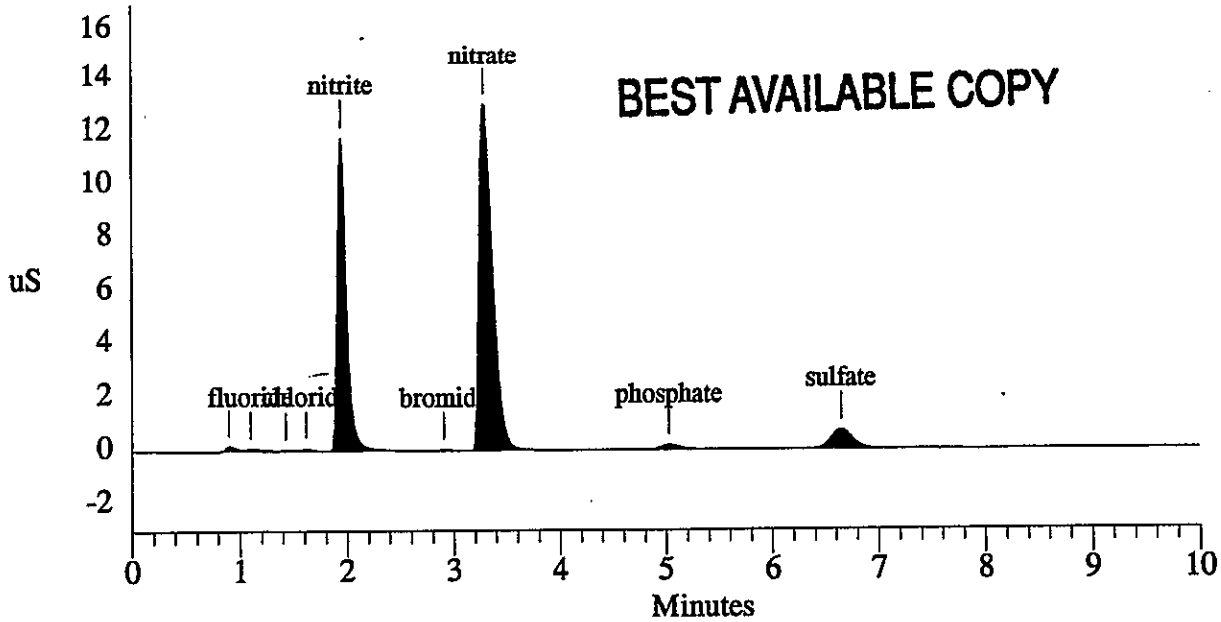
```
==========================================================================
| Sample Name: S95T001546                    Date: 09/08/1995 11:59:39    |
| Data File  : C:\DX\DATA\95090521.D06                                    |
| Method     : C:\DX\METHOD\KIT.MET                                       |
| ACI Address: 1  System: 1  Inject#: 6                Detector:CDM-1     |
| Analyst    :                Column: AG4A/AS4A anion column/SRS          |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	21	3000	5Hz	0.00	10.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	140	861	2	
2	1.10	fluoride	1.117	72	614	2	3.77
4	1.62	chloride	0.201	92	446	1	-1.82
5	1.95	nitrite	216.508	11782	67924	1	-2.99
6	2.91	bromide	4.756	54	350	1	-2.02
7	3.29	nitrate	407.571	12983	113192	1	-1.79
8	5.03	phosphate	21.052	178	2125	1	-0.20
9	6.65	sulfate	31.043	731	10251	1	-0.60
		Totals	682.247	26032	195763		

File: 95090521.D06 Sample: S95T001546



BEST AVAILABLE COPY

WHC-SD-WM-DP-139, REV. 1

LABCORE Data Entry Template for Worklist# 2313

Analyst: EC **Instrument:** IC01 **Book #** 106N9-C

Method: LA-533-105 Rev/Mod 0-0 WHC-SD-WM-DP-139, REV. 1

Worklist Comment: Re run for NO2 and PO4, try 21 or 32 DF. JMF

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK-PREP				@IC-01 F-02	SOLID	N/A	NA	N/A	ug/g
		1	BLNK-PREP				@IC-01 CL-02	SOLID	N/A	NA	N/A	ug/g
		1	BLNK-PREP				@IC-01 NO2-02	SOLID	1	<.547	N/A	ug/g
		1	BLNK-PREP				@IC-01 BR-02	SOLID	N/A	NA	N/A	ug/g
		1	BLNK-PREP				@IC-01 NO3-02	SOLID	N/A	NA	N/A	ug/g
		1	BLNK-PREP				@IC-01 PO4-02	SOLID	1	<.596	N/A	ug/g
		1	BLNK-PREP				@IC-01 SO4-02	SOLID	N/A	NA	N/A	ug/g
		1	BLNK-PREP				@IC-01 OXALATE2	SOLID	N/A	NA	N/A	ug/g
		2	STD				@IC-01 F-02	SOLID	N/A	NA	N/A	ug/g
		2	STD				@IC-01 CL-02	SOLID	N/A	NA	N/A	ug/g
		2	STD				@IC-01 NO2-02	SOLID	532	543.109	N/A	ug/g
		2	STD				@IC-01 BR-02	SOLID	N/A	NA	N/A	ug/g
		2	STD				@IC-01 NO3-02	SOLID	N/A	NA	N/A	ug/g
		2	STD				@IC-01 PO4-02	SOLID	546	562.466	N/A	ug/g
		2	STD				@IC-01 SO4-02	SOLID	N/A	NA	N/A	ug/g
		2	STD				@IC-01 OXALATE2	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	3	SAMPLE	S95T001557	~~1~~ 8	W	@IC-01 NO2-02	SOLID	N/A	2.31^{+4}	2.86^{+3}	ug/g
95000093	B-101	3	SAMPLE	S95T001557	~~1~~ 8	W	@IC-01 PO4-02	SOLID	N/A	~~2.06~~ <3.1265	3.12^{+3}	ug/g

JMF 9/12/95

Data Entry Comments:

H2O Dig Prep Dil: 9.7380
DUP = 9.7450

LMCS 106N9-C .100mL - 10mL

SPIKE 106N9-C .100 mL

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 2313

UP	PROJECT	S TYPE	SAMPLE#	R	A	-------TEST------		MATRIX	ACTUAL	FOUND	DL	UNIT
95000093	B-101	4 DUP	S95T001557	0	W	@IC-01	F-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	4 DUP	S95T001557	0	W	@IC-01	CL-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	4 DUP	S95T001557	0	W	@IC-01	NO2-02	SOLID	2.31+4	1.85+4	N/A	ug/g
95000093	B-101	4 DUP	S95T001557	0	W	@IC-01	BR-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	4 DUP	S95T001557	0	W	@IC-01	NO3-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	4 DUP	S95T001557	0	W	@IC-01	PO4-02	SOLID	~~2.06+3~~ <3,12E3 JMF 9/18/95	~~1.39+3~~ <3,12E3 JMF 9/18/95	N/A	ug/g
95000093	B-101	4 DUP	S95T001557	0	W	@IC-01	SO4-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	4 DUP	S95T001557	0	W	@IC-01	OXALATE2	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001557	0	W	@IC-01	CL-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001557	0	W	@IC-01	F-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001557	0	W	@IC-01	NO2-02	SOLID	100	108.8	N/A	ug/g
95000093	B-101	5 SPK	S95T001557	0	W	@IC-01	BR-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001557	0	W	@IC-01	NO3-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001557	0	W	@IC-01	PO4-02	SOLID	100	103.4	N/A	ug/g
95000093	B-101	5 SPK	S95T001557	0	W	@IC-01	SO4-02	SOLID	N/A	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001557	0	W	@IC-01	OXALATE2	SOLID	N/A	NA	N/A	ug/g

Final page for worklist # 2313

E.H. Cohen 9-15-95
Analyst Signature Date

R.L. Stark
Analyst Signature Date

Entered & Verified 9/18/95 Jerry Frye

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

WESTINGHOUSE HANFORD COMPANY
222-S LABORATORY
INORGANIC ANALYTICAL BATCH AND SUMMARY SHEET

ANION ANALYSIS ON DIONEX

SAMPLE #:	S95T001557		
TEST CODE:	@ic-01	ANALYST:	E.COLVIN
INSTRUMENT:	IC01	ANALYSIS DATE:	09/15/95
WORK LIST #:	2313	SAMPLE POINT:	B-101
BATCH ID:	n/a	SAMPLE PREP:	H2O DIG

<3.12e3 PZL 11/3/95

Result Units µg/g	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
106N9C			102.1%		103.0%			
S95T001557	<0.00	<0.00	2.31E+04	<0.00	2.06E+03	<0.00	<0.00	<0.00
S95T001557-DUP	<0.00	<0.00	1.85E+04	<0.00	1.39E+03	<0.00	<0.00	<0.00
Duplicate 1 RPD	N/A	N/A	22.3%	N/A	38.4%	N/A	N/A	N/A
	<0.00	<0.00		<0.00	<0.00	<0.00	<0.00	<0.00
	<0.00	<0.00		<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 RPD	ERR	ERR		ERR	N/A	ERR	ERR	ERR
					<3.12e3 PZL 11/3/95			
S95T001577-SPK			108.8%		103.4%			

NARRATIVE: **Analyst Comments:**

Chemist Comments:

Form Completed By:	RL Vitek	Date:	9-15-95
Chemist Approval:	Jerry M. Fuyo	Date:	9/18/95

LAB LEADER INFO	
Method:	ia-533-105
Matrix:	solid
Test Code:	@ic-01
Work List #:	2313
Batch #:	n/a
Result Units	
(µg/g or µg/mL):	µg/g
Spike Book Number:	106N9C
Spike Sample #:	1
Prepared By:	RT STEELE
Prepared Date:	09/15/95
Chemist:	J.FRYE
Analyst:	E.COLVIN
Analysis Date:	09/15/95
Time Complete:	
Instrument Code:	IC01
Rerun:	1
Sample Prep:	H2O DIG
Sample Point:	B-101
Sample Type	
STANDARD	106N9C
SAMPLE 1	S95T001557
DUPLICATE 1	S95T001557-DUP
SAMPLE 2	
DUPLICATE 2	
SAMPLE 3	
DUPLICATE 3	
SAMPLE 4	
DUPLICATE 4	
SPIKE	S95T001577-SPK
SPIKE DUPLICATE	

PRINT

TECH INFO	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Blank Data (µg/mL)			<.547		<.596			
Standard Data (µg/mL)			543.109		562.466			
Sample 1 Data (µg/mL)			2.25E+02		2.00E+01			
Sample 1 Dilution Factor			51		51			
Sample 1 Prep DF	9.738	9.738	9.738	9.738	9.738	9.738	9.738	9.738
Duplicate 1 Data (µg/mL)			1.80E+02		1.36E+01			
Duplicate 1 Dilution Factor			51		51			
Duplicate 1 Prep DF	9.745	9.745	9.745	9.745	9.745	9.745	9.745	9.745
Sample 2 Data (µg/mL)								
Sample 2 Dilution Factor								
Sample 2 Prep DF								
Duplicate 2 Data (µg/mL)								
Duplicate 2 Dilution Factor								
Duplicate 2 Prep DF								
Sample 3 Data (µg/mL)								
Sample 3 Dilution Factor								
Sample 3 Prep DF								
Duplicate 3 Data (µg/mL)								
Duplicate 3 Dilution Factor								
Duplicate 3 Prep DF								
Sample 4 Data (µg/mL)								
Sample 4 Dilution Factor								
Sample 4 Prep DF								
Duplicate 4 Data (µg/mL)								
Duplicate 4 Dilution Factor								
Duplicate 4 Prep DF								
Spike + Sample 1 (µg/mL)			5.17E+02		3.02E+02			
Spike + Dup 1 (µg/mL)								
Spike Volume (mL)			1.00E-01		1.00E-01			
Total Volume (mL)			10.10		10.20			
Std. Conc. (µg/mL)			532		546			
Detection Limit			0.547		0.596			
Matrix Detection Limit 1	0.00E+00	0.00E+00	2.86E+03	0.00E+00	3.12E+03	0.00E+00	0.00E+00	0.00E+00
Matrix Detection Limit 2	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Matrix Detection Limit 3	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Matrix Detection Limit 4	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR

Spike Recovery = [((Spike+Sample)-(Sample)*(Total Volume))/((Spike Vol.)*(Spike Std.)*(Sample DF))]*100%
Note: (For spike recovery when the sample conc. is less than detection limit you do NOT subtract sample conc.)
Duplicate Relative % Difference = ((Sample - Duplicate) / ((Sample + Duplicate) / 2) * 100%)
Less than Values are Calculated from the Detection Limit*Dilution Factor

23.12e3 gmF 9/18/95

v RESULTS v	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Standard % Recovery			102.1%		103.0%			
Sample 1 in µg/g	<0.00	<0.00	2.31E+04	<0.00	2.06E+03	<0.00	<0.00	<0.00
Duplicate 1 in µg/g	<0.00	<0.00	1.85E+04	<0.00	1.39E+03	<0.00	<0.00	<0.00
Duplicate 1 RPD	N/A	N/A	22.3%	N/A	38.4%	N/A	N/A	N/A
Sample 2 in µg/g	<0.00	<0.00		<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 in µg/g	<0.00	<0.00		<0.00	<0.00	<0.00	<0.00	<0.00
Duplicate 2 RPD	ERR	ERR		ERR	N/A	ERR	ERR	ERR
					23.12e3 gmF 9/18/95			
Spike % Recovery			106.8%		103.4%			

Data Entry by: RT Steele — Date: 09/15/95
Approved by: Jerry M. Frye — Date: 9/18/95

Form DIONEX.WB1 Rev. 1.3

Sample Name: 106N9-C STD Date: 09/15/1995 08:02:32
Data File : C:\DX\DATA\95091551.D03
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 3 Detector:CDM-1
Analyst : P.H. Cohn Column: AG4A/AS4A anion column/SRS

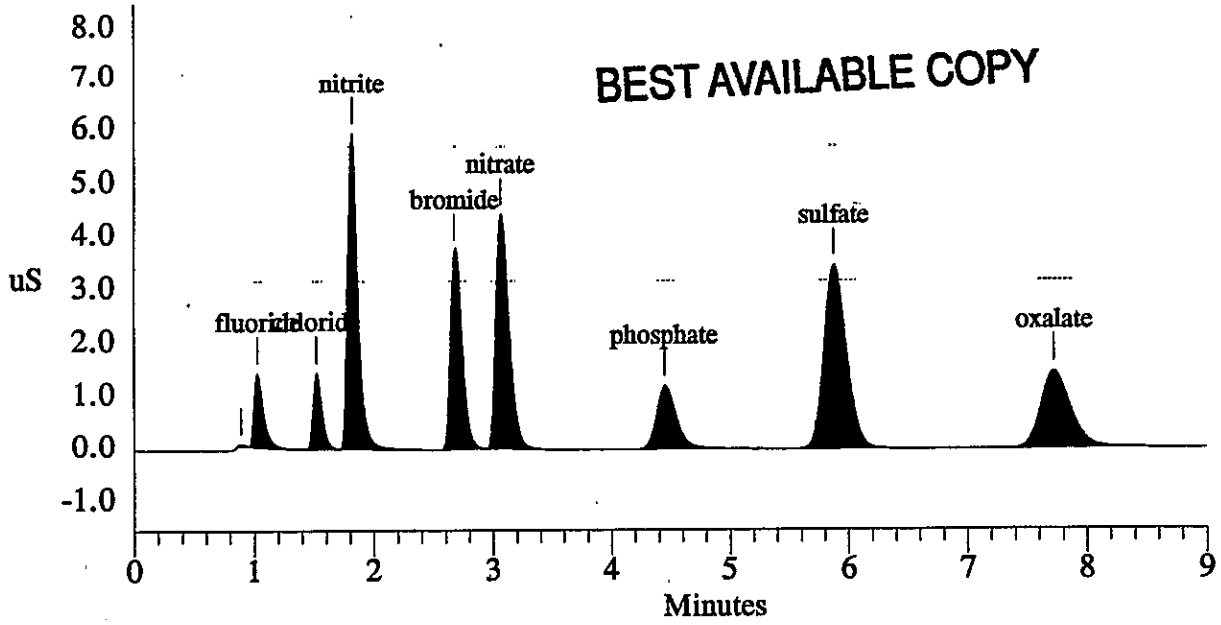
9-15-95

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	101	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	1.03	fluoride	60.235	1391	7573	2	-2.83
3	1.52	chloride	78.192	1438	7452	1	0.00
4	1.82	nitrite	543.109	5928	34710	1	0.00
5	2.68	bromide	595.816	3750	25514	1	-0.74
6	3.07	nitrate	615.748	4416	34011	1	-0.32
7	4.45	phosphate	562.446	1201	14069	1	-0.67
8	5.88	sulfate	640.638	3467	45839	1	-0.51
9	7.73	oxalate	531.148	1457	25785	1	-0.64
		Totals	3627.332	23046	194953		

File: 95091551.D03 Sample: 106N9-C STD



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 178 TO 184.

WHC-SD-WM-DP-139, REV. 1

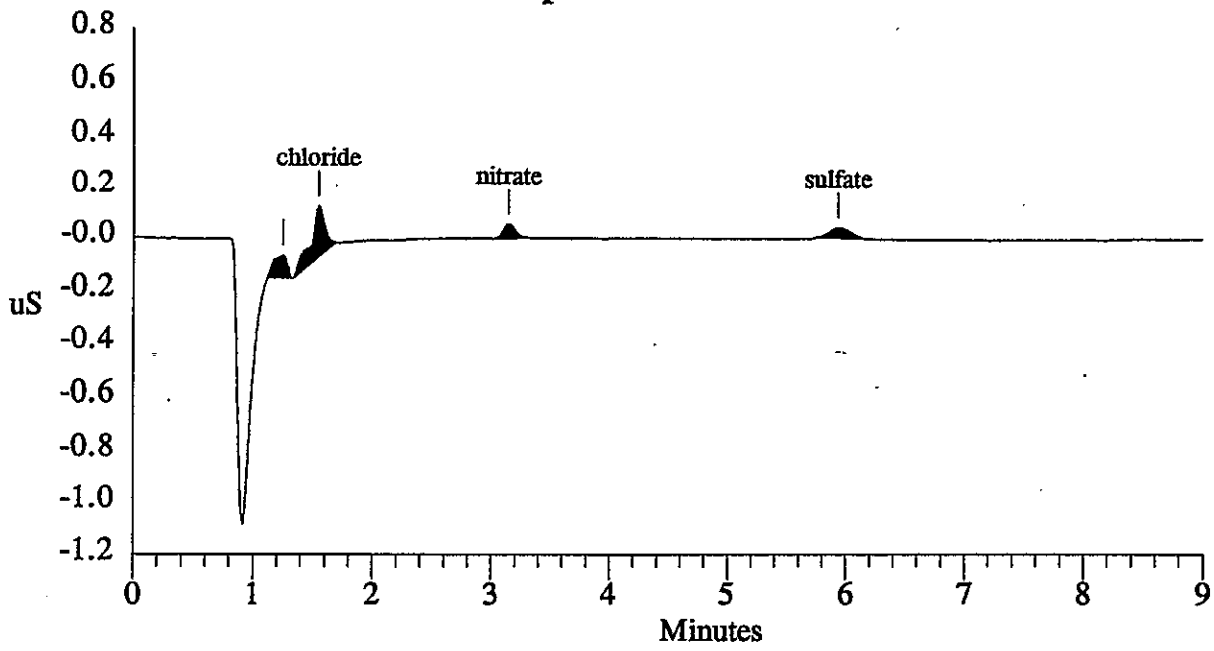
```
==========================================================================
| Sample Name: PREP BLANK                    Date: 09/15/1995 07:52:40    |
| Data File  : C:\DX\DATA\95091551.D02                                    |
| Method     : C:\DX\METHOD\KIT.MET                                       |
| ICI Address: 1  System: 1  Inject#: 2                Detector:CDM-1     |
| Analyst    :                Column: AG4A/AS4A anion column/SRS         |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.25		0.000	81	654	1	
2	1.55	chloride	0.138	196	1608	1	1.97
3	3.15	nitrate	0.079	55	395	1	2.27
4	5.94	sulfate	0.114	39	467	1	0.51
		Totals	0.331	372	3125		

File: 95091551.D02 Sample: PREP BLANK



WHC-SD-WM-DP-139, REV. 1

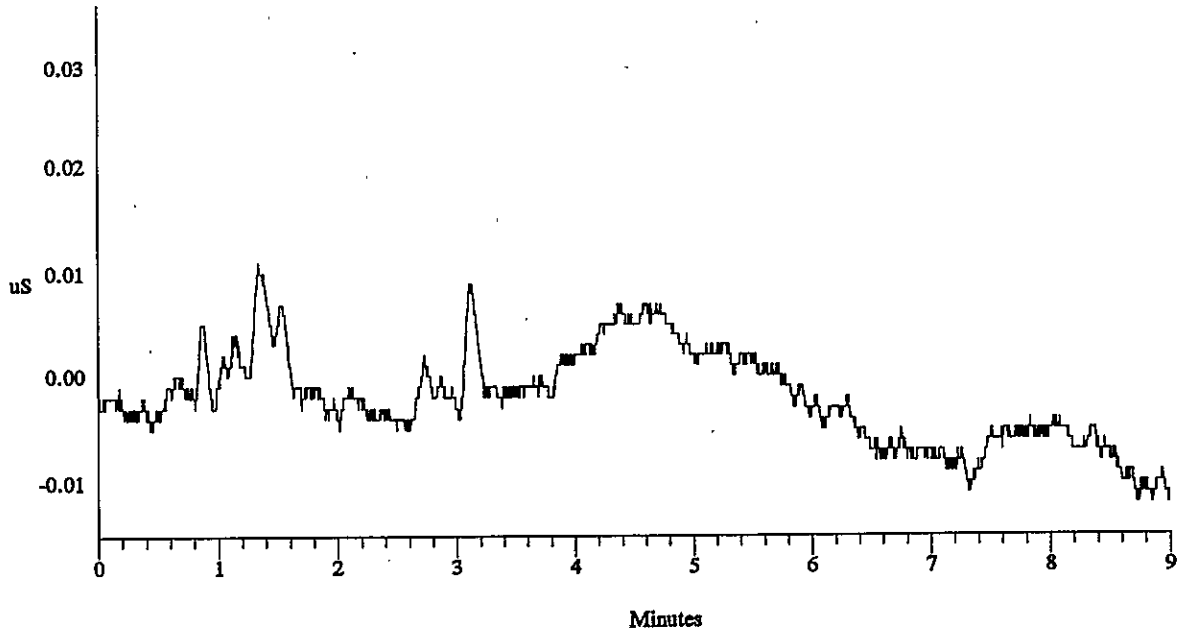
```
==========================================================================
| Sample Name: INSTR BLANK                    Date: 09/15/1995 07:42:46   |
| Data File  : C:\DX\DATA\95091551.D01                                    |
| Method     : C:\DX\METHOD\KIT.MET                                       |
| ACI Address: 1  System: 1  Inject#: 1                  Detector:CDM-1   |
| Analyst    :                Column: AG4A/AS4A anion column/SRS          |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
		Totals	0.000	0	0		

File: 95091551.D01 Sample: INSTR BLANK



WHC-SD-WM-DP-139, REV. 1

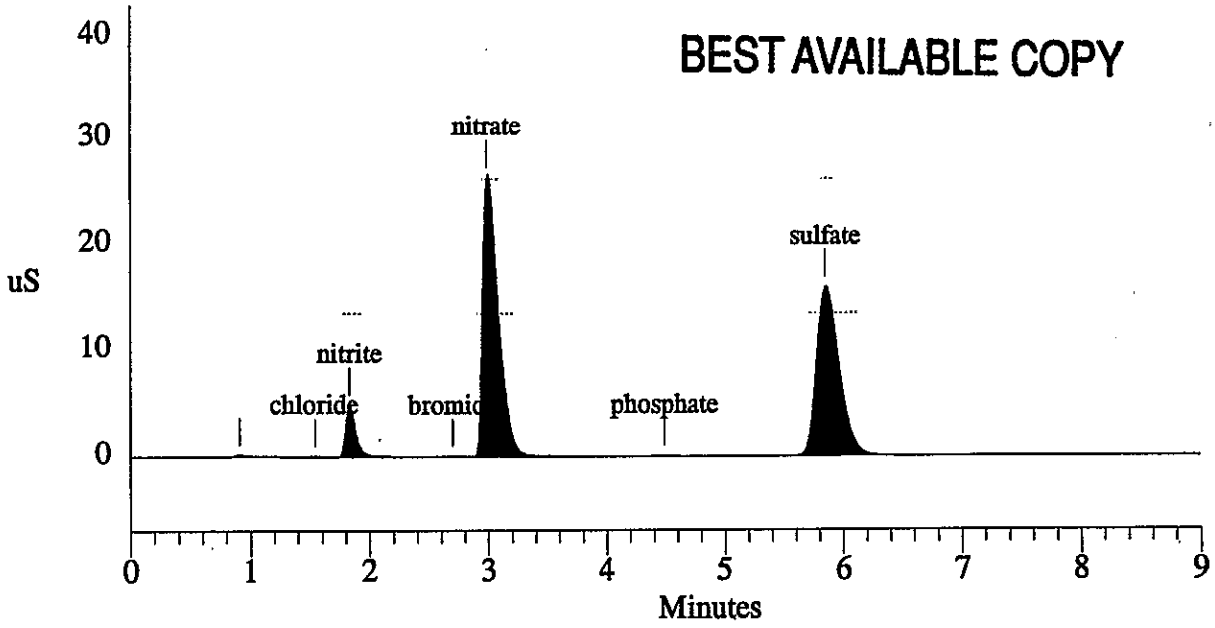
```
==========================================================================
| Sample Name: S95T001557                    Date: 09/15/1995 08:45:58    |
| Data File  : C:\DX\DATA\95091551.D06                                    |
| Method     : C:\DX\METHOD\KIT.MET                                       |
| ACI Address: 1  System: 1  Inject#: 6                Detector:CDM-1     |
| Analyst    :                Column: AG4A/AS4A anion column/SRS          |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	51	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	127	674	1	
2	1.54	chloride	-0.037	70	353	1	1.32
3	1.83	nitrite	225.252	4814	28360	1	0.55
4	2.70	bromide	10.143	40	230	1	0.00
5	2.99	nitrate	1954.052	26283	240792	1	-2.92
6	4.49	phosphate	20.013	53	560	1	0.22
7	5.85	sulfate	1373.384	15940	211139	1	-1.02
		Totals	3582.806	47326	482107		

File: 95091551.D06 Sample: S95T001557



WHC-SD-WM-DP-139, REV. 1

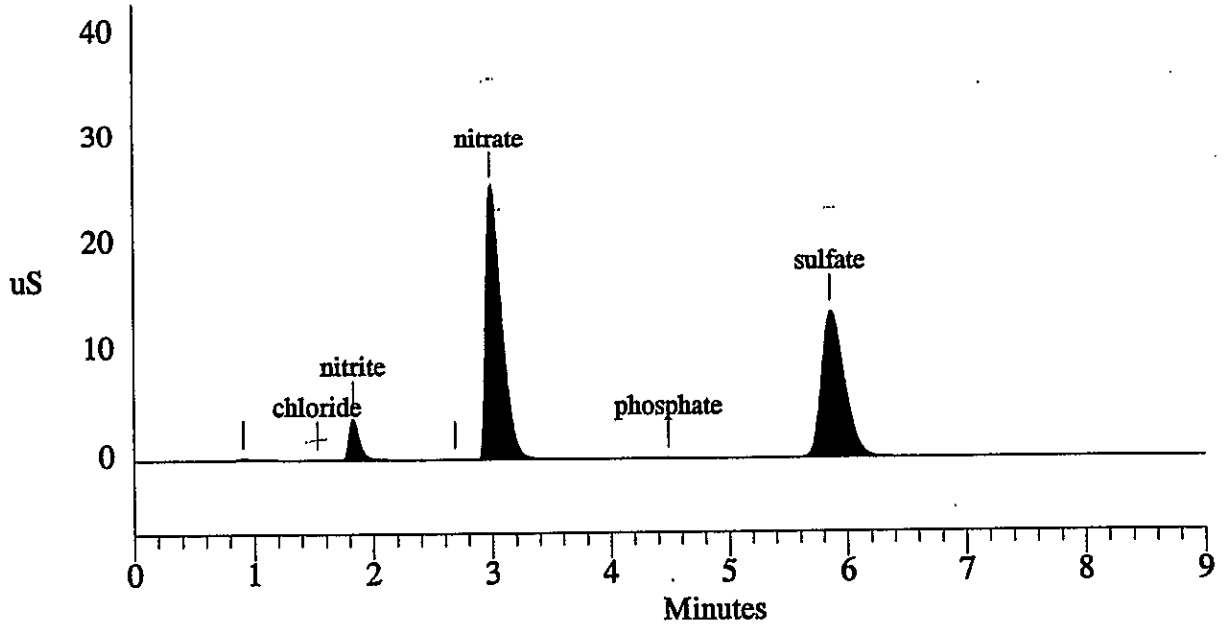
```
==========================================================================
| Sample Name: S95T001557  DUP                Date: 09/15/1995 09:01:37   |
| Data File  : C:\DX\DATA\95091551.D07                                    |
| Method     : C:\DX\METHOD\KIT.MET                                       |
| ACI Address: 1  System: 1  Inject#: 7                  Detector:CDM-1   |
| Analyst    :                Column: AG4A/AS4A anion column/SRS          |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	51	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	121	667	1	
2	1.53	chloride	-0.853	44	209	1	0.66
3	1.83	nitrite	180.279	3772	22563	1	0.55
5	2.99	nitrate	1877.445	25276	229821	1	-2.92
6	4.49	phosphate	13.577	24	237	1	0.22
7	5.86	sulfate	1183.743	13592	179212	1	-0.85
		Totals	3254.190	42829	432709		

File: 95091551.D07 Sample: S95T001557 DUP



WHC-SD-WM-DP-139, REV. 1

```
==================================================================================
| Sample Name: S95T001557  + SPIKE              Date: 09/15/1995 09:12:43        |
| Data File  : C:\DX\DATA\95091551.D08                                           |
| Method     : C:\DX\METHOD\KIT.MET                                              |
| ACI Address: 1  System: 1  Inject#: 8                      Detector:CDM-1      |
| Analyst    :                  Column: AG4A/AS4A anion column/SRS              |
==================================================================================
```

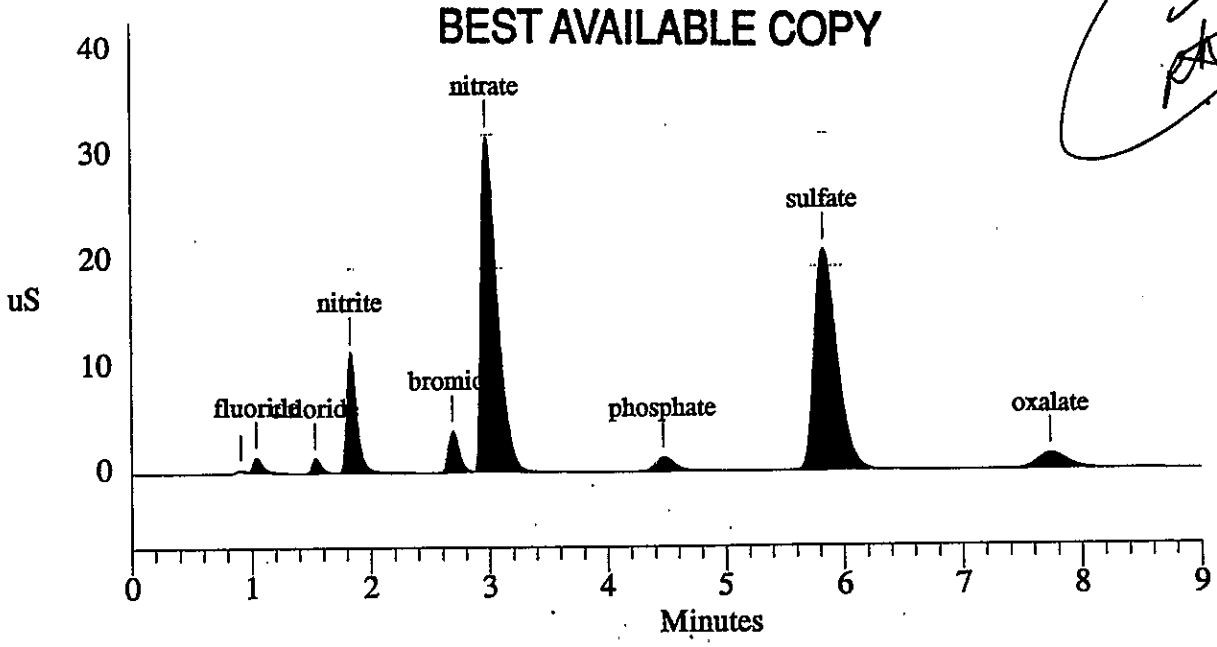
Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	51	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	125	506	2	
2	1.04	fluoride	31.599	1397	7876	2	-1.89
3	1.53	chloride	39.924	1386	7532	1	0.66
4	1.83	nitrite	517.425	11280	66800	1	0.55
5	2.69	bromide	291.606	3922	24694	1	-0.37
6	2.98	nitrate	2323.645	31696	296321	1	-3.25
7	4.47	phosphate	302.370	1303	15028	1	-0.22
8	5.83	sulfate	1765.850	20931	280899	1	-1.35
9	7.74	oxalate	276.479	1490	26623	1	-0.51
		Totals	5548.899	73530	726280		

File: 95091551.D08 Sample: S95T001557 + SPIKE

BEST AVAILABLE COPY



WHC-SD-WM-DP-139, REV. 1

Sample Name: S95T001557 + SPIKE Date: 09/15/1995 09:22:23
Data File : C:\DX\DATA\95091551.D09
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 9 Detector:CDM-1
Analyst : P.H. Cole Column: AG4A/AS4A anion column/SRS

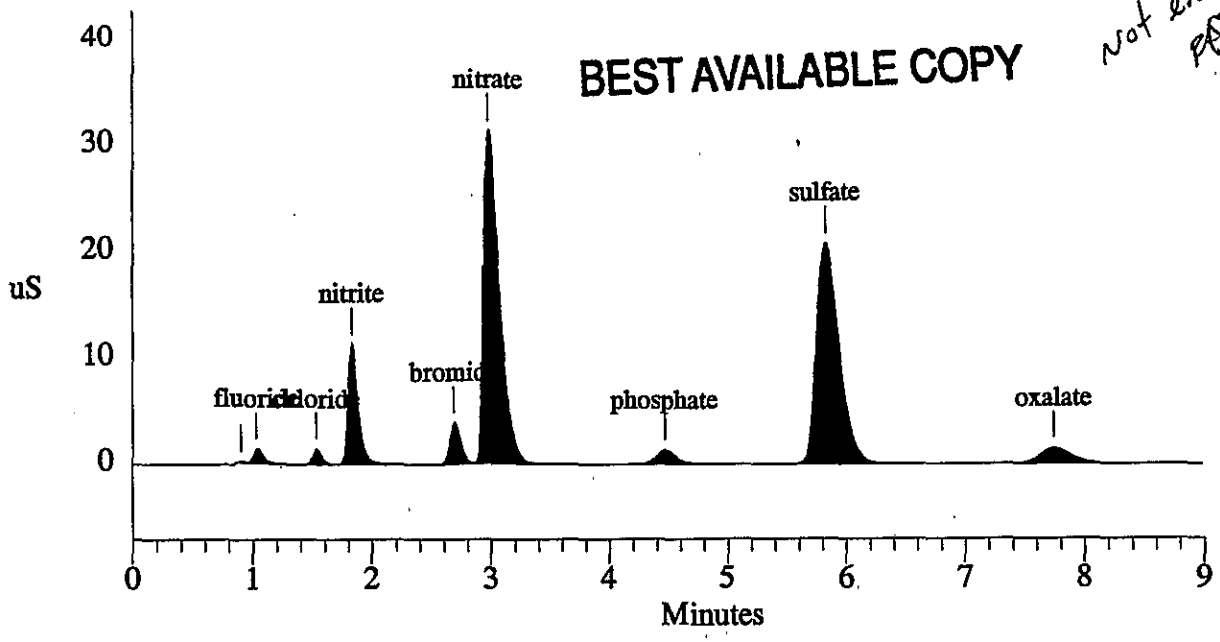
Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	51	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	110	449	2	
2	1.03	fluoride	31.266	1349	7791	2	-2.83
3	1.53	chloride	40.098	1422	7564	1	0.66
4	1.83	nitrite	512.847	11304	66187	1	0.55
5	2.69	bromide	288.600	3868	24428	1	-0.37
6	2.98	nitrate	2309.620	31262	294127	1	-3.25
7	4.47	phosphate	302.046	1299	15011	1	-0.22
8	5.83	sulfate	1750.927	20821	278145	1	-1.35
9	7.75	oxalate	272.498	1470	26220	1	-0.39
		Totals	5507.902	72905	719923		

File: 95091551.D09 Sample: S95T001557 + SPIKE

Not entered



WHC-SD-WM-DP-139, REV. 1

LABCORE Data Entry Template for Worklist# 2356

Analyst: RC **Instrument:** IC01 IC01 **Book #** 106N9-C

Method: LA-533-105 Rev/Mod D-0 WHC-SD-WM-DP-139, REV. 1

Worklist Comment: Rerun of S95T001549 and S95T001553 IC.Try DF of 11,26,51.JMF

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------		MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK-PREP				@IC-01	F-02	SOLID		<.062	N/A	ug/g
		1	BLNK-PREP				@IC-01	CL-02	SOLID		<.083	N/A	ug/g
		1	BLNK-PREP				@IC-01	NO2-02	SOLID		<.547	N/A	ug/g
		1	BLNK-PREP				@IC-01	BR-02	SOLID		<.632	N/A	ug/g
		1	BLNK-PREP				@IC-01	NO3-02	SOLID		<.699	N/A	ug/g
		1	BLNK-PREP				@IC-01	PO4-02	SOLID		<.596	N/A	ug/g
		1	BLNK-PREP				@IC-01	SO4-02	SOLID		<.678	N/A	ug/g
		1	BLNK-PREP				@IC-01	OXALATE2	SOLID		<.496	N/A	ug/g
		2	STD				@IC-01	F-02	SOLID		63.31	N/A	ug/g
		2	STD				@IC-01	CL-02	SOLID		77.33	N/A	ug/g
		2	STD				@IC-01	NO2-02	SOLID		540.2	N/A	ug/g
		2	STD				@IC-01	BR-02	SOLID		583.3	N/A	ug/g
		2	STD				@IC-01	NO3-02	SOLID		625.1	N/A	ug/g
		2	STD				@IC-01	PO4-02	SOLID		579.7	N/A	ug/g
		2	STD				@IC-01	SO4-02	SOLID		649.1	N/A	ug/g
		2	STD				@IC-01	OXALATE2	SOLID		545.3	N/A	ug/g
95000093	B-101	3	SAMPLE	S95T001549	0	W	@IC-01	NO2-02	SOLID	N/A	gmf 9/20/95 7.75e4 ~~22.15e2~~ ~~1.86e2~~ ~~2.15e2~~	1.89e3 gmf 9/20/95	ug/g
95000093	B-101	3	SAMPLE	S95T001549	0	W	@IC-01	BR-02	SOLID	N/A	<2.19e3	<2.19e3	ug/g

Data Entry Comments: S95T001549 does contain Br, but could not be quantitated as it is too low.
LMCS 106N9-C .100mL-10mL
SPIKE 106N9-C .100mL

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 2356

GROUP	PROJECT	S TYPE	SAMPLE#	R	A	-------TEST------		MATRIX	ACTUAL	FOUND	DL	UNIT
95000093	B-101	3 SAMPLE	S95T001549	0	W	aIC-01	NO3-02	SOLID	N/A	1.74e5	2.42e3	ug/g
95000093	B-101	3 SAMPLE	S95T001549	0	W	aIC-01	PO4-02	SOLID	N/A	1.50e4	2.06e3	ug/g
95000093	B-101	4 DUP	S95T001549	0	W	aIC-01	F-02	SOLID	NA	NA	N/A	ug/g
95000093	B-101	4 DUP	S95T001549	0	W	aIC-01	CL-02	SOLID	NA	NA	N/A	ug/g
95000093	B-101	4 DUP	S95T001549	0	W	aIC-01	NO2-02	SOLID	7.75e4	6.73e4	N/A	ug/g
95000093	B-101	4 DUP	S95T001549	0	W	aIC-01	BR-02	SOLID	<2.19e3	<2.19e3	N/A	ug/g
95000093	B-101	4 DUP	S95T001549	0	W	aIC-01	NO3-02	SOLID	1.74e5	1.54e5	N/A	ug/g
95000093	B-101	4 DUP	S95T001549	0	W	aIC-01	PO4-02	SOLID	1.50e4	9.74e3	N/A	ug/g
95000093	B-101	4 DUP	S95T001549	0	W	aIC-01	SO4-02	SOLID	NA	NA	N/A	ug/g
95000093	B-101	4 DUP	S95T001549	0	W	aIC-01	OXALATE2	SOLID	NA	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001549	0	W	aIC-01	CL-02	SOLID	NA	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001549	0	W	aIC-01	F-02	SOLID	NA	NA 45.3	N/A GMF 9/20/95	ug/g
95000093	B-101	5 SPK	S95T001549	0	W	aIC-01	NO2-02	SOLID	100	~~137.7~~ 102.0	N/A GMF 9/20/95	ug/g
95000093	B-101	5 SPK	S95T001549	0	W	aIC-01	BR-02	SOLID	100	~~99.1~~ -13.3	N/A GMF 9/20/95	ug/g
95000093	B-101	5 SPK	S95T001549	0	W	aIC-01	NO3-02	SOLID	100	~~347.7~~ 97.4	N/A GMF 9/20/95	ug/g
95000093	B-101	5 SPK	S95T001549	0	W	aIC-01	PO4-02	SOLID	100	~~111.1~~	N/A	ug/g
95000093	B-101	5 SPK	S95T001549	0	W	aIC-01	SO4-02	SOLID	NA	NA	N/A	ug/g
95000093	B-101	5 SPK	S95T001549	0	W	aIC-01	OXALATE2	SOLID	NA	NA	N/A	ug/g
95000091	B-101	6 SAMPLE	S95T001553	0	W	aIC-01	F-02	SOLID	N/A	<3.48e2	3.48e2	ug/g
95000091	B-101	6 SAMPLE	S95T001553	0	W	aIC-01	CL-02	SOLID	N/A	2.07e3	4.65e2	ug/g
95000091	B-101	6 SAMPLE	S95T001553	0	W	aIC-01	NO2-02	SOLID	N/A	1.63e4	3.07e3	ug/g

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 2356

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST		MATRIX	ACTUAL	FOUND	DL	UNIT
95000091	B-101	6	SAMPLE	S95T001553	0	W	@IC-01	BR-02	SOLID	N/A	<3.54e3	3.54e3	ug/g
95000091	B-101	6	SAMPLE	S95T001553	0	W	@IC-01	NO3-02	SOLID	N/A	1.68e5	3.92e3	ug/g
95000091	B-101	6	SAMPLE	S95T001553	0	W	@IC-01	PO4-02	SOLID	N/A	<3.34e3	3.34e3	ug/g
95000091	B-101	6	SAMPLE	S95T001553	0	W	@IC-01	SO4-02	SOLID	N/A	1.90e5	3.80e3	ug/g
95000091	B-101	6	SAMPLE	S95T001553	0	W	@IC-01	OXALATE2	SOLID	N/A	<2.78e3	2.78e3	ug/g
95000091	B-101	7	DUP	S95T001553	0	W	@IC-01	F-02	SOLID	<3.48e2	<3.48e2	N/A	ug/g
95000091	B-101	7	DUP	S95T001553	0	W	@IC-01	CL-02	SOLID	2.07e3	<4.65e2	N/A	ug/g
95000091	B-101	7	DUP	S95T001553	0	W	@IC-01	NO2-02	SOLID	1.63e4	2.32e4	N/A	ug/g
95000091	B-101	7	DUP	S95T001553	0	W	@IC-01	BR-02	SOLID	<3.54e3	<3.54e3	N/A	ug/g
95000091	B-101	7	DUP	S95T001553	0	W	@IC-01	NO3-02	SOLID	1.68e5	2.57e5	N/A	ug/g
95000091	B-101	7	DUP	S95T001553	0	W	@IC-01	PO4-02	SOLID	<3.34e3	<3.34e3	N/A	ug/g
95000091	B-101	7	DUP	S95T001553	0	W	@IC-01	SO4-02	SOLID	1.90e5	2.92e5	N/A	ug/g
95000091	B-101	7	DUP	S95T001553	0	W	@IC-01	OXALATE2	SOLID	<2.78e3	<2.78e3	N/A	ug/g
95000091	B-101	8	SPK	S95T001553	0	W	@IC-01	CL-02	SOLID	100	~~105.7~~ 79.5	N/A	ug/g gmF 9/20/95
95000091	B-101	8	SPK	S95T001553	0	W	@IC-01	F-02	SOLID	100	~~79.5~~ 105.7	N/A	ug/g gmF 9/20/95
95000091	B-101	8	SPK	S95T001553	0	W	@IC-01	NO2-02	SOLID	100	137.7	N/A	ug/g
95000091	B-101	8	SPK	S95T001553	0	W	@IC-01	BR-02	SOLID	100	99.1	N/A	ug/g
95000091	B-101	8	SPK	S95T001553	0	W	@IC-01	NO3-02	SOLID	100	347.7	N/A	ug/g
95000091	B-101	8	SPK	S95T001553	0	W	@IC-01	PO4-02	SOLID	100	111.1	N/A	ug/g
95000091	B-101	8	SPK	S95T001553	0	W	@IC-01	SO4-02	SOLID	100	355.9	N/A	ug/g
95000091	B-101	8	SPK	S95T001553	0	W	@IC-01	OXALATE2	SOLID	100	104.3	N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 2356

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT

Final page for worklist # 2356

P.M. Cahn 9-18-95
Analyst Signature Date

Analyst Signature Date

Entered & verified 9/20/95
J M Fuge

S95T001549 contains Br, but at a level too low to quantitate.

Data Entry Comments:
Both S95T001549 & S95T001553 have severe problems. S95T001549 has bad RPD on PO_4 and bad spike recoveries for NO_2 & NO_3. S95T001553 has bad RPD on all anions and bad spike recovery on NO_2, NO_3 and SO_4. There is a matrix problem and probably a sample homogeneity problem.

Units shown for QC (SPK & SID) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

WESTINGHOUSE HANFORD COMPANY
222-S LABORATORY
INORGANIC ANALYTICAL BATCH AND SUMMARY SHEET

ANION ANALYSIS ON DIONEX

SAMPLE #:	S95T001549 & S95T001553		
TEST CODE:	@ic-01	ANALYST:	Ed Colvin
INSTRUMENT:	ic01	ANALYSIS DATE:	09/18/95
WORK LIST #:	2356	SAMPLE POINT:	B101
BATCH ID:		SAMPLE PREP:	water digest

Result Units µg/g	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
106N9C							101.4%	
S95T001549	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	1.22E+03	<0.00
S95T001549dup	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	1.10E+03	<0.00
Duplicate 1 RPD	N/A	N/A	N/A	N/A	N/A	N/A	10.1%	N/A
S95T001553	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<3543.15	<0.00
S95T001553dup	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<3501.19	<0.00
Duplicate 2 RPD	ERR	ERR	ERR	ERR	ERR	ERR	N/A	ERR
S95T001549spk							95.6%	

NARRATIVE: **Analyst Comments:**

Chemist Comments:

These Br values are below EQL but are provided as information. Sample S95T001553 had no detectable Br peak.

Form Completed By:	Janice Fuge	Date:	9/20/95
Chemist Approval:	Janice Fuge	Date:	9/20/95

LAB LEADER INFO	
Method:	
Matrix:	solid
Test Code:	@ic-01
Work List #:	2356
Batch #:	
Result Units	
(µg/g or µg/mL):	µg/g
Spike Book Number:	106N9C
Spike Sample #:	1
Prepared By:	Jann Frye
Prepared Date:	09/20/95
Chemist:	Jann Frye
Analyst:	Ed Colvin
Analysis Date:	09/18/95
Time Complete:	
Instrument Code:	ic01
Rerun:	1
Sample Prep:	water digest
Sample Point:	B101
Sample Type	
STANDARD	106N9C
SAMPLE 1	S95T001549
DUPLICATE 1	S95T001549dup
SAMPLE 2	S95T001553
DUPLICATE 2	S95T001553dup
SAMPLE 3	
DUPLICATE 3	
SAMPLE 4	
DUPLICATE 4	
SPIKE	S95T001549spk
SPIKE DUPLICATE	

PRINT

TECH INFO	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Blank Data (µg/mL)							<.632	
Standard Data (µg/mL)							583.3	
Sample 1 Data (µg/mL)							9.13E+00	
Sample 1 Dilution Factor							26	
Sample 1 Prep DF	7.511	7.511	7.511	7.511	7.511	7.511	7.511	7.511
Duplicate 1 Data (µg/mL)							8.24E+00	
Duplicate 1 Dilution Factor							26	
Duplicate 1 Prep DF	7.505	7.505	7.505	7.505	7.505	7.505	7.505	7.505
Sample 2 Data (µg/mL)							<.632	
Sample 2 Dilution Factor							51	
Sample 2 Prep DF	9.097	9.097	9.097	9.097	9.097	9.097	9.097	9.097
Duplicate 2 Data (µg/mL)							<.632	
Duplicate 2 Dilution Factor							51	
Duplicate 2 Prep DF	9.206	9.206	9.206	9.206	9.206	9.206	9.206	9.206
Sample 3 Data (µg/mL)								
Sample 3 Dilution Factor								
Sample 3 Prep DF								
Duplicate 3 Data (µg/mL)								
Duplicate 3 Dilution Factor								
Duplicate 3 Prep DF								
Sample 4 Data (µg/mL)								
Sample 4 Dilution Factor								
Sample 4 Prep DF								
Duplicate 4 Data (µg/mL)								
Duplicate 4 Dilution Factor								
Duplicate 4 Prep DF								
Spike + Sample 1 (µg/mL)							1.47E+02	
Spike + Dup 1 (µg/mL)								
Spike Volume (mL)							1.00E-01	
Total Volume (mL)							10.40	
Std. Conc. (µg/mL)							578	
Detection Limit							0.632	
Matrix Detection Limit 1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+03	0.00E+00
Matrix Detection Limit 2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+03	0.00E+00
Matrix Detection Limit 3	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Matrix Detection Limit 4	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR

Spike Recovery = [((Spike+Sample)-(Sample)*(Total Volume))/((Spike Vol.)*(Spike Std.)*(Sample DF))]*100%
Note: (For spike recovery when the sample conc. is less than detection limit you do NOT subtract sample conc.)
Duplicate Relative % Difference = ((Sample - Duplicate) / ((Sample + Duplicate) / 2) * 100%)
Less than Values are Calculated from the Detection Limit*Dilution Factor

v RESULTS v	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Standard % Recovery							101.4%	
Sample 1 in µg/g	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	1.22E+03	<0.00
Duplicate 1 in µg/g	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	1.10E+03	<0.00
Duplicate 1 RPD	N/A	N/A	N/A	N/A	N/A	N/A	10.1%	N/A
Sample 2 in µg/g	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<3543.16	<0.00
Duplicate 2 in µg/g	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<3501.19	<0.00
Duplicate 2 RPD	ERR	ERR	ERR	ERR	ERR	ERR	N/A	ERR
Spike % Recovery							95.6%	

Data Entry by: Jann Frye Date: 09/20/95
Approved by: Jann Frye Date: 9/20/95

Form DIONEX.WB1 Rev. 1.3

WESTINGHOUSE HANFORD COMPANY
222-S LABORATORY
INORGANIC ANALYTICAL BATCH AND SUMMARY SHEET

ANION ANALYSIS ON DIONEX

SAMPLE #:	S95T001549 & S95T001553		
TEST CODE:	@ic-01	ANALYST:	Ed Colvin
INSTRUMENT:	IC-01	ANALYSIS DATE:	09/18/95
WORK LIST #:	2356	SAMPLE POINT:	B-101
BATCH ID:		SAMPLE PREP:	water digest

Result Units µg/g	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
106N9C	107.3%	97.9%	101.5%	101.8%	106.2%	102.9%	101.4%	103.9%
S95T001549	1.86E+02	2.07E+02	7.75E+04	1.74E+05	1.50E+04	1.19E+04	<2187.72	<1716.95
S95T001549dup	1.59E+02	2.10E+02	6.73E+04	1.54E+05	9.74E+03	1.04E+04	<2189.47	<1718.32
Duplicate 1 RPD	16.0%	1.6%	14.0%	12.2%	42.4%	13.3%	N/A	N/A
S95T001553	<347.59	2.07E+03	1.63E+04	1.68E+05	<3341.32	1.90E+05	<3543.15	<2780.70
S95T001553dup	<343.47	<459.81	2.32E+04	2.57E+05	<3301.76	2.92E+05	<3501.19	<2747.77
Duplicate 2 RPD	N/A	N/A	35.0%	41.8%	N/A	42.4%	N/A	N/A
S95T001553spk	105.7%	79.5%	137.7%	347.7%	111.1%	355.9%	99.1%	104.3%

NARRATIVE: **Analyst Comments:**

Chemist Comments:

Form Completed By:	Jean Faye	Date:	9/20/95
Chemist Approval:	Jean Faye	Date:	9/20/95

LAB LEADER INFO	
Method:	LA-533-105 D-0
Matrix:	solid
Test Code:	@ic-01
Work List #:	2356
Batch #:	
Result Units	
(µg/g or µg/mL):	µg/g
Spike Book Number:	106N9C
Spike Sample #:	2
Prepared By:	Jann Frye
Prepared Date:	09/20/95
Chemist:	Jann Frye
Analyst:	Ed Colvin
Analysis Date:	09/18/95
Time Complete:	
Instrument Code:	IC-01
Rerun:	1
Sample Prep:	water digest
Sample Point:	B-101
Sample Type	
STANDARD	106N9C
SAMPLE 1	S95T001549
DUPLICATE 1	S95T001549dup
SAMPLE 2	S95T001553
DUPLICATE 2	S95T001553dup
SAMPLE 3	
DUPLICATE 3	
SAMPLE 4	
DUPLICATE 4	
SPIKE	S95T001553spk
SPIKE DUPLICATE	

TECH INFO	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Blank Data (µg/mL)	<.062	<.083	<.547	<.699	<.596	<.678	<.632	<.496
Standard Data (µg/mL)	63.31	77.33	540.2	625.1	579.7	649.1	583.3	545.3
Sample 1 Data (µg/mL)	1.40E+00	1.55E+00	5.92E+02	1.31E+03	1.13E+02	8.91E+01	<.632	<.496
Sample 1 Dilution Factor	26	26	26	26	26	26	26	26
Sample 1 Prep DF	7.511	7.511	7.511	7.511	7.511	7.511	7.511	7.511
Duplicate 1 Data (µg/mL)	1.19E+00	1.58E+00	5.05E+02	1.16E+03	7.31E+01	7.79E+01	<.632	<.496
Duplicate 1 Dilution Factor	26	26	26	26	26	26	26	26
Duplicate 1 Prep DF	7.505	7.505	7.505	7.505	7.505	7.505	7.505	7.505
Sample 2 Data (µg/mL)	<.062	1.88E+01	1.48E+02	1.53E+03	<.596	1.73E+03	<.632	<.496
Sample 2 Dilution Factor	51	51	51	51	51	51	51	51
Sample 2 Prep DF	9.097	9.097	9.097	9.097	9.097	9.097	9.097	9.097
Duplicate 2 Data (µg/mL)	<.062	<.083	2.14E+02	2.37E+03	<.596	2.69E+03	<.632	<.496
Duplicate 2 Dilution Factor	51	51	51	51	51	51	51	51
Duplicate 2 Prep DF	9.206	9.206	9.206	9.206	9.206	9.206	9.206	9.206
Sample 3 Data (µg/mL)								
Sample 3 Dilution Factor								
Sample 3 Prep DF								
Duplicate 3 Data (µg/mL)								
Duplicate 3 Dilution Factor								
Duplicate 3 Prep DF								
Sample 4 Data (µg/mL)								
Sample 4 Dilution Factor								
Sample 4 Prep DF								
Duplicate 4 Data (µg/mL)								
Duplicate 4 Dilution Factor								
Duplicate 4 Prep DF								
Spike + Sample 2 (µg/mL)	3.12E+01	5.02E+01	5.15E+02	2.60E+03	3.03E+02	2.85E+03	2.85E+02	2.74E+02
Spike + Dup 2 (µg/mL)								
Spike Volume (mL)	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01
Total Volume (mL)	10.20	10.20	10.20	10.20	10.20	10.20	10.20	10.20
Std. Conc. (µg/mL)	59	79	532	614	546	631	576	525
Detection Limit	0.062	0.083	0.547	0.699	0.596	0.678	0.632	0.496
Matrix Detection Limit 1	2.15E+02	2.87E+02	1.99E+03	2.42E+03	2.06E+03	2.35E+03	2.19E+03	1.72E+03
Matrix Detection Limit 2	3.49E+02	4.65E+02	3.07E+03	3.92E+03	3.34E+03	3.80E+03	3.54E+03	2.78E+03
Matrix Detection Limit 3	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Matrix Detection Limit 4	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR

Spike Recovery = [((Spike+Sample)-(Sample)*(Total Volume))/((Spike Vol.)*(Spike Std.)*(Sample DF))]*100%
Note: (For spike recovery when the sample conc. is less than detection limit you do NOT subtract sample conc.)
Duplicate Relative % Difference = ((Sample - Duplicate) / ((Sample + Duplicate) / 2) * 100%)
Less than Values are Calculated from the Detection Limit*Dilution Factor

v RESULTS v	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Standard % Recovery	107.3%	97.9%	101.5%	101.8%	106.2%	102.9%	101.4%	103.9%
Sample 1 in µg/g	1.88E+02	2.07E+02	7.75E+04	1.74E+05	1.50E+04	1.19E+04	<2187.72	<1716.96
Duplicate 1 in µg/g	1.59E+02	2.10E+02	6.73E+04	1.54E+05	9.74E+03	1.04E+04	<2189.47	<1719.32
Duplicate 1 RPD	16.0%	1.6%	14.0%	12.2%	42.4%	13.3%	N/A	N/A
Sample 2 in µg/g	<347.59	2.07E+03	1.63E+04	1.68E+05	<3341.32	1.90E+05	<3543.15	<2780.70
Duplicate 2 in µg/g	<343.47	<459.81	2.32E+04	2.57E+05	<3301.76	2.92E+05	<3501.19	<2747.77
Duplicate 2 RPD	N/A	N/A	35.0%	41.8%	N/A	42.4%	N/A	N/A
Spike % Recovery	105.7%	79.5%	137.7%	347.7%	111.1%	355.9%	99.1%	104.3%

Data Entry by: Jann Frye Date: 09/20/95
Approved by: Jann Frye Date: 9/20/95

Form DIONEX.WB1 Rev. 1.3

WESTINGHOUSE HANFORD COMPANY
222-S LABORATORY
INORGANIC ANALYTICAL BATCH AND SUMMARY SHEET

ANION ANALYSIS ON DIONEX

SAMPLE #:	S95T001549 & S95T001553		
TEST CODE:	@ic-01	ANALYST:	Ed Colvin
INSTRUMENT:	IC-01	ANALYSIS DATE:	09/18/95
WORK LIST #:	2356	SAMPLE POINT:	B-101
BATCH ID:		SAMPLE PREP:	water digest

Result Units µg/g	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
106N9C	107.3%	97.9%	101.5%	101.8%	106.2%	102.9%	101.4%	103.9%
S95T001549	1.86E+02	2.07E+02	7.75E+04	1.74E+05	1.50E+04	1.19E+04	<2187.72	<1716.95
S95T001549dup	1.59E+02	2.10E+02	6.73E+04	1.54E+05	9.74E+03	1.04E+04	<2189.47	<1718.32
Duplicate 1 RPD	16.0%	1.6%	14.0%	12.2%	42.4%	13.3%	N/A	N/A
S95T001553	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
S95T001553dup	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
S95T001549spk	89.6%	102.4%	45.3%	-13.3%	97.4%	95.4%	102.0%	105.0%

NARRATIVE: **Analyst Comments:**

Chemist Comments:

Form Completed By:	[signature]	Date:	9/20/95
Chemist Approval:	[signature]	Date:	9/20/95

LAB LEADER INFO

Method:	LA-533-105 D-0
Matrix:	solid
Test Code:	@ic-01
Work List #:	2356
Batch #:	
Result Units (µg/g or µg/mL):	µg/g
Spike Book Number:	106N9C
Spike Sample #:	1
Prepared By:	Jann Frye
Prepared Date:	09/20/95
Chemist:	Jann Frye
Analyst:	Ed Colvin
Analysis Date:	09/18/95
Time Complete:	
Instrument Code:	IC-01
Rerun:	1
Sample Prep:	water digest
Sample Point:	B-101
Sample Type	
STANDARD	106N9C
SAMPLE 1	S95T001549
DUPLICATE 1	S95T001549dup
SAMPLE 2	S95T001553
DUPLICATE 2	S95T001553dup
SAMPLE 3	
DUPLICATE 3	
SAMPLE 4	
DUPLICATE 4	
SPIKE	S95T001549spk
SPIKE DUPLICATE	

TECH INFO

	Fluoride	Chloride	Nitrite	Nitrate	Phosphate	Sulfate	Bromide	Oxalate
Blank Data (µg/mL)	<.062	<.083	<.547	<.699	<.596	<.678	<.632	<.496
Standard Data (µg/mL)	63.31	77.33	540.2	625.1	579.7	649.1	583.3	545.3
Sample 1 Data (µg/mL)	1.40E+00	1.55E+00	5.82E+02	1.31E+03	1.13E+02	8.91E+01	<.632	<.496
Sample 1 Dilution Factor	26	26	26	26	26	26	26	26
Sample 1 Prep DF	7.511	7.511	7.511	7.511	7.511	7.511	7.511	7.511
Duplicate 1 Data (µg/mL)	1.19E+00	1.58E+00	5.05E+02	1.16E+03	7.31E+01	7.79E+01	<.632	<.496
Duplicate 1 Dilution Factor	26	26	26	26	26	26	26	26
Duplicate 1 Prep DF	7.505	7.505	7.505	7.505	7.505	7.505	7.505	7.505
Sample 2 Data (µg/mL)								
Sample 2 Dilution Factor								
Sample 2 Prep DF								
Duplicate 2 Data (µg/mL)								
Duplicate 2 Dilution Factor								
Duplicate 2 Prep DF								
Sample 3 Data (µg/mL)								
Sample 3 Dilution Factor								
Sample 3 Prep DF								
Duplicate 3 Data (µg/mL)								
Duplicate 3 Dilution Factor								
Duplicate 3 Prep DF								
Sample 4 Data (µg/mL)								
Sample 4 Dilution Factor								
Sample 4 Prep DF								
Duplicate 4 Data (µg/mL)								
Duplicate 4 Dilution Factor								
Duplicate 4 Prep DF								
Spike + Sample 1 (µg/mL)	1.48E+01	2.18E+01	6.42E+02	1.29E+03	2.45E+02	2.40E+02	1.47E+02	1.38E+02
Spike + Dup 1 (µg/mL)								
Spike Volume (mL)	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01
Total Volume (mL)	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40
Std. Conc. (µg/mL)	59	79	532	614	546	631	575	525
Detection Limit	0.062	0.083	0.547	0.699	0.596	0.678	0.632	0.496
Matrix Detection Limit 1	2.15E+02	2.87E+02	1.89E+03	2.42E+03	2.06E+03	2.35E+03	2.19E+03	1.72E+03
Matrix Detection Limit 2	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Matrix Detection Limit 3	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Matrix Detection Limit 4	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR

Spike Recovery = [((Spike+Sample)-(Sample)*(Total Volume))/((Spike Vol.)*(Spike Std.)*(Sample DF))]*100%
Note: (For spike recovery when the sample conc. is less than detection limit you do NOT subtract sample conc.)
Duplicate Relative % Difference = ((Sample - Duplicate) / ((Sample + Duplicate) / 2) * 100%)
Less than Va

Jann Frye 9/20/95

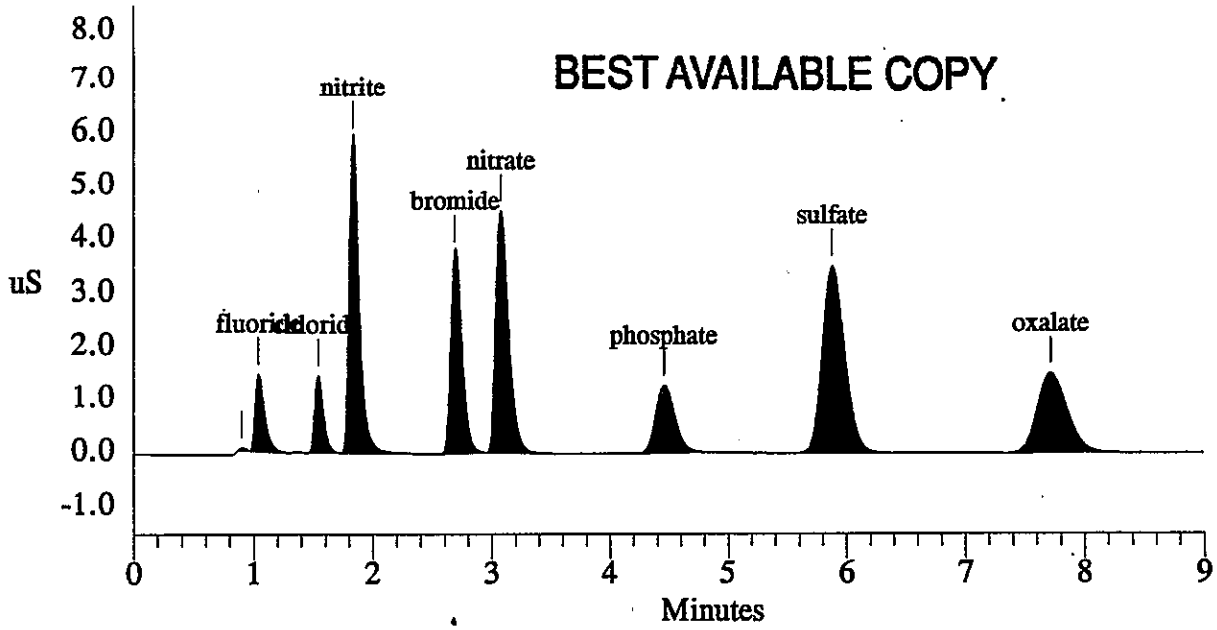
Sample Name: 106N9-C STD Date: 09/18/1995 07:53:46
Data File : C:\DX\DATA\95091871.D03
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 3 Detector:CDM-1
Analyst : [illegible] 9/18/95 Column: AG4A/AS4A anion column/SRS

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	101	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
2	1.04	fluoride	63.316	1459	7971	2	-1.89
3	1.54	chloride	77.331	1461	7373	1	1.32
4	1.83	nitrite	540.281	5900	34524	1	0.55
5	2.69	bromide	583.397	3777	24958	1	-0.37
6	3.08	nitrate	625.193	4542	34543	1	0.00
7	4.46	phosphate	579.721	1274	14524	1	-0.45
8	5.88	sulfate	649.110	3514	46462	1	-0.51
9	7.72	oxalate	545.347	1512	26511	1	-0.77
		Totals	3663.696	23438	196868		

File: 95091871.D03 Sample: 106N9-C STD



SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 195 TO 207.

WHC-SD-WM-DP-139, REV. 1

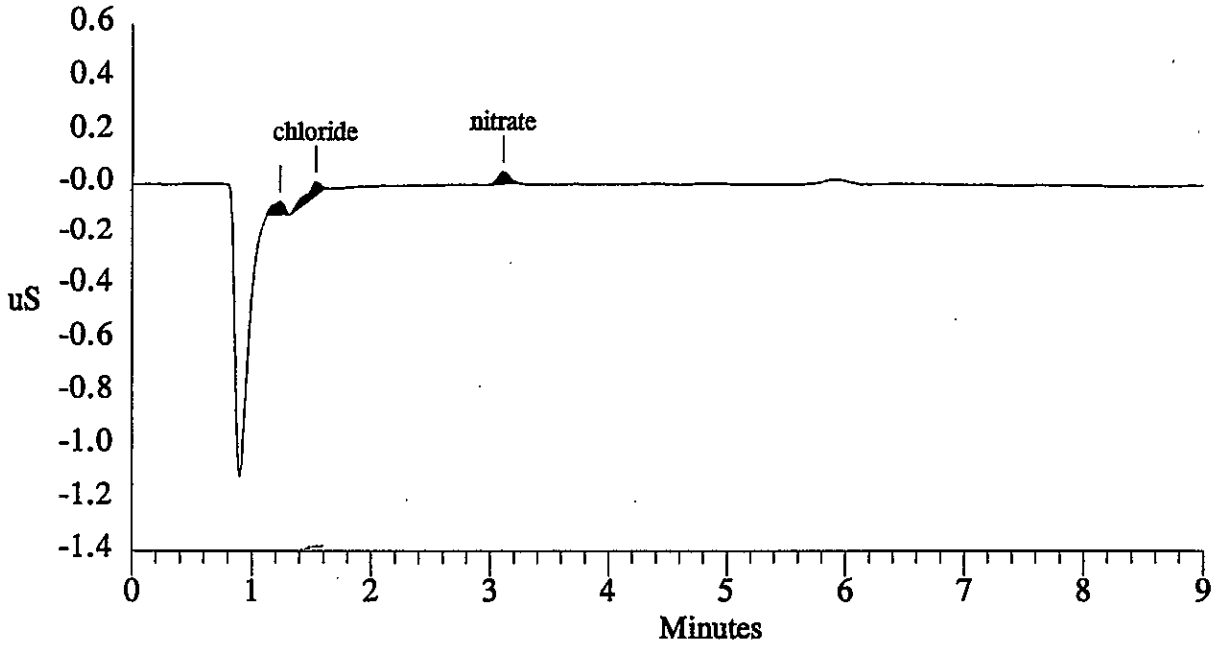
```
==============================================================================
| Sample Name: PREP BLANK                        Date: 09/18/1995 07:40:39    |
| Data File  : C:\DX\DATA\95091871.D02                                        |
| Method     : C:\DX\METHOD\KIT.MET                                           |
| ACI Address: 1  System: 1  Inject#: 2                    Detector:CDM-1     |
| Analyst    :                 Column: AG4A/AS4A anion column/SRS            |
==============================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	1	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.23		0.000	51	363	1	
2	1.53	chloride	0.015	52	499	1	0.66
3	3.11	nitrate	0.063	46	305	1	0.97
		Totals	0.078	148	1167		

File: 95091871.D02 Sample: PREP BLANK



WHC-SD-WM-DP-139, REV. 1

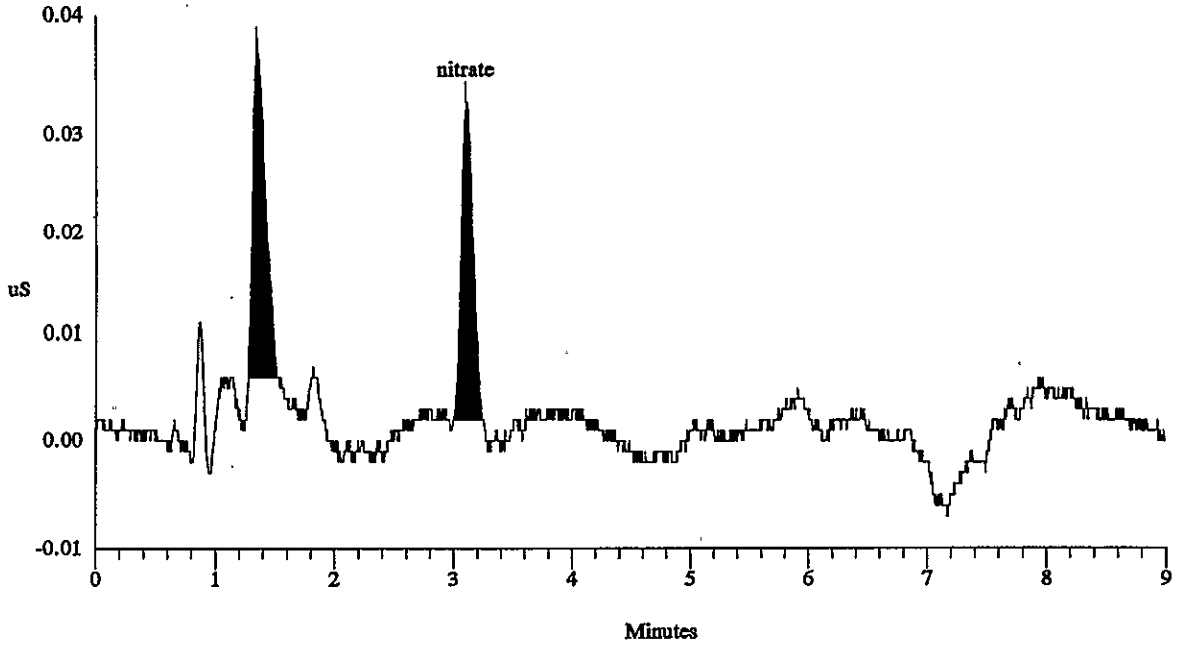
```
==============================================================================
| Sample Name: INSTR BLANK                    Date: 09/18/1995 07:30:01       |
| Data File  : C:\DX\DATA\95091871.D01                                        |
| Method     : C:\DX\METHOD\KIT.MET                                           |
| ACI Address: 1  System: 1  Inject#: 1                   Detector:CDM-1      |
| Analyst    :                Column: AG4A/AS4A anion column/SRS              |
==============================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	1	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	1.34		0.000	30	227	1	
2	3.10	nitrate	0.044	29	203	1	0.65
		Totals	0.044	59	430		

File: 95091871.D01 Sample: INSTR BLANK



WHC-SD-WM-DP-139, REV. 1

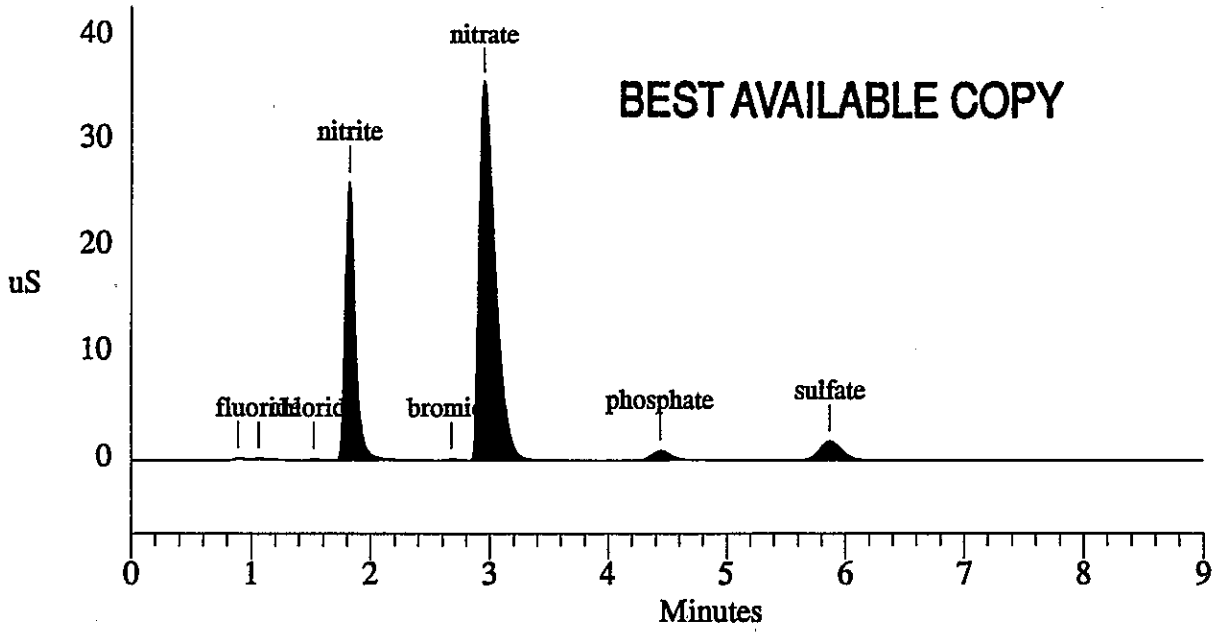
```
==========================================================================
| Sample Name: S95T001549                    Date: 09/18/1995 08:24:31   |
| Data File  : C:\DX\DATA\95091871.D05                                   |
| Method     : C:\DX\METHOD\KIT.MET                                      |
| ACI Address: 1  System: 1  Inject#: 5                Detector:CDM-1    |
| Analyst    :                Column: AG4A/AS4A anion column/SRS         |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	26	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	139	- 700	2	
2	1.06	fluoride	1.400	120	623	2	0.00
3	1.52	chloride	1.553	170	899	1	0.00
4	1.82	nitrite	581.919	26118	154056	1	0.00
5	2.68	bromide	9.127	146	893	1	-0.74
6	2.95	nitrate	1310.227	35515	336150	1	-4.22
7	4.44	phosphate	112.544	941	10783	1	-0.89
8	5.87	sulfate	89.128	1830	24380	1	-0.68
		Totals	2105.897	64979	528485		

File: 95091871.D05 Sample: S95T001549



BEST AVAILABLE COPY

WHC-SD-WM-DP-139, REV. 1

Data Reprocessed On 09/18/1995 14:54:05

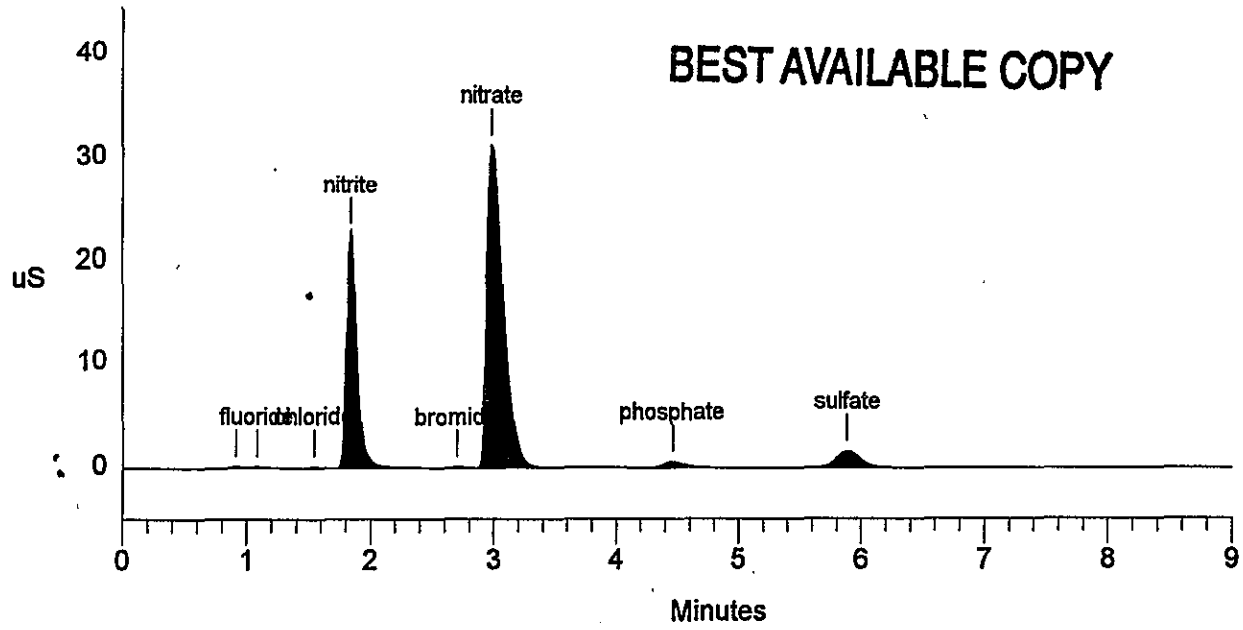
Sample Name: S95T001549 DUP	Date: 09/18/1995 08:37:46
Data File : C:\DX\DATA\95091871.D06	
Method : C:\DX\METHOD\KIT.MET	
ACI Address: 1 System: 1 Inject#: 6	Detector:CDM-1
Analyst :	Column: AG4A/AS4A anion column/SRS

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	26	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	116	558	2	
2	1.08	fluoride	1.192	100	522	2	1.89
3	1.54	chloride	1.577	175	907	1	1.32
4	1.84	nitrite	505.409	22605	132362	1	1.10
5	2.70	bromide	8.239	122	744	1	0.00
6	2.99	nitrate	1159.234	31251	288570	1	-2.92
7	4.46	phosphate	73.097	607	6807	1	-0.45
8	5.89	sulfate	77.910	1590	21238	1	-0.34
		Totals	1826.657	56566	451709		

File: 95091871.D06 Sample: S95T001549 DUP



WHC-SD-WM-DP-139, REV. 1

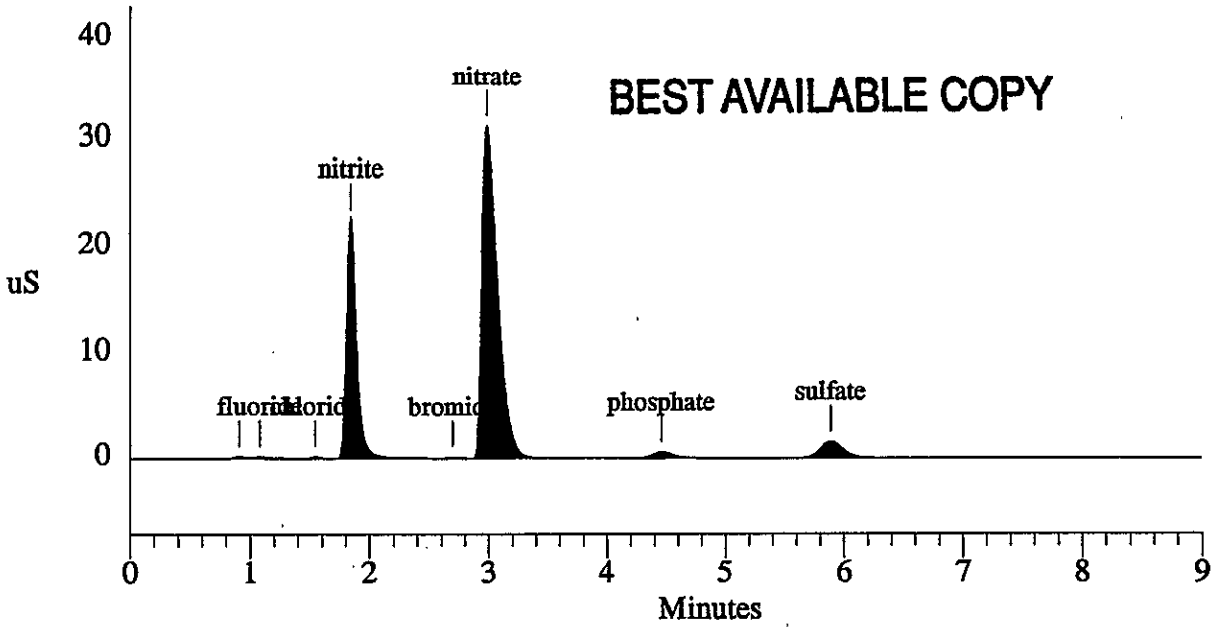
```
==============================================================================
| Sample Name: S95T001549  DUP                    Date: 09/18/1995 08:37:46   |
| Data File  : C:\DX\DATA\95091871.D06                                        |
| Method     : C:\DX\METHOD\KIT.MET                                           |
| ACI Address: 1  System: 1  Inject#: 6                    Detector:CDM-1     |
| Analyst    :                  Column: AG4A/AS4A anion column/SRS           |
==============================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	26	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.91		0.000	123	647	2	
2	1.08	fluoride	2.472	133	1143	2	1.89
3	1.54	chloride	1.577	175	907	1	1.32
4	1.84	nitrite	505.409	22605	132361	1	1.10
5	2.70	bromide	8.239	122	744	1	0.00
6	2.99	nitrate	1159.234	31251	288570	1	-2.92
7	4.46	phosphate	73.097	607	6807	1	-0.45
8	5.89	sulfate	77.910	1590	21238	1	-0.34
		Totals	1827.937	56606	452418		

File: 95091871.D06 Sample: S95T001549 DUP



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WHC-SD-WM-DP-139, REV. 1

Data Reprocessed On 09/18/1995 14:55:36

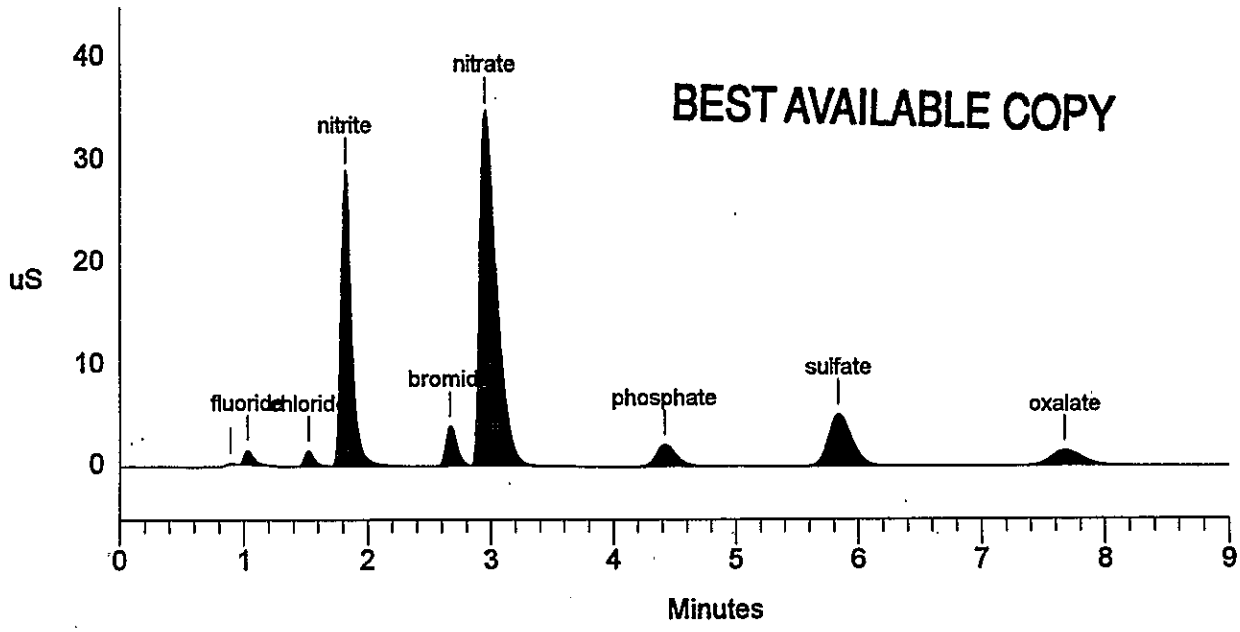
Sample Name: S95T001549 + SPIKE Date: 09/18/1995 08:52:58
Data File : C:\DX\DATA\95091871.D07
Method : C:\DX\METHOD\KIT.MET
ACI Address: 1 System: 1 Inject#: 7 Detector:CDM-1
Analyst : Column: AG4A/AS4A anion column/SRS

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area Reject
External	1	26	2700	5Hz	0.00	9.00	200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	104	362	2	
2	1.03	fluoride	14.620	1390	7130	2	-2.83
3	1.52	chloride	21.775	1504	8042	1	0.00
4	1.82	nitrite	642.241	28784	171514	1	0.00
5	2.67	bromide	146.605	3927	24337	1	-1.11
6	2.95	nitrate	1289.872	34626	329521	1	-4.22
7	4.42	phosphate	245.491	2129	24541	1	-1.34
8	5.84	sulfate	239.614	5160	67402	1	-1.18
9	7.68	oxalate	137.882	1474	26014	1	-1.29
		Totals	2738.100	79098	658864		

File: 95091871.D07 Sample: S95T001549 + SPIKE



BEST AVAILABLE COPY

WHC-SD-WM-DP-139, REV. 1

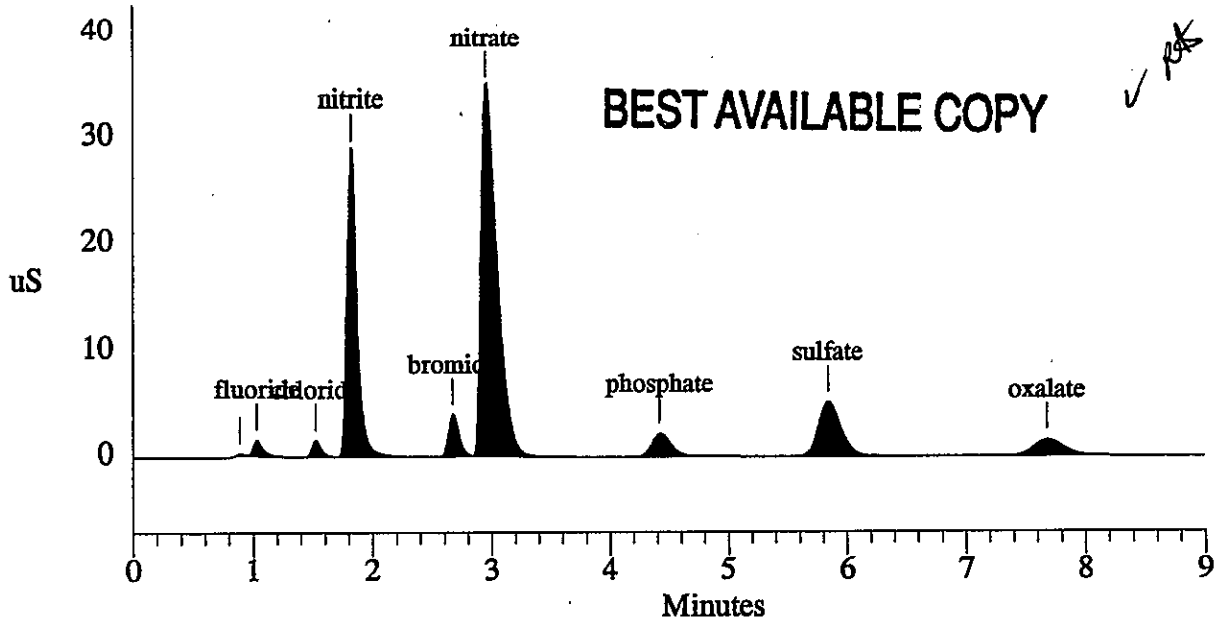
```
==============================================================================
| Sample Name: S95T001549  + SPIKE            Date: 09/18/1995 08:52:58      |
| Data File  : C:\DX\DATA\95091871.D07                                       |
| Method     : C:\DX\METHOD\KIT.MET                                          |
| ACI Address: 1  System: 1  Inject#: 7                    Detector:CDM-1    |
| Analyst    :                 Column: AG4A/AS4A anion column/SRS           |
==============================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	26	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	114	447	2	
2	1.03	fluoride	17.076	1447	8362	2	-2.83
3	1.52	chloride	21.775	1504	8042	1	0.00
4	1.82	nitrite	642.241	28784	171514	1	0.00
5	2.67	bromide	146.605	3927	24337	1	-1.11
6	2.95	nitrate	1289.872	34626	329521	1	-4.22
7	4.42	phosphate	245.491	2129	24541	1	-1.34
8	5.84	sulfate	239.614	5160	67402	1	-1.18
9	7.68	oxalate	137.882	1474	26014	1	-1.29
		Totals	2740.557	79165	660181		

File: 95091871.D07 Sample: S95T001549 + SPIKE



BEST AVAILABLE COPY

WHC-SD-WM-DP-139, REV. 1

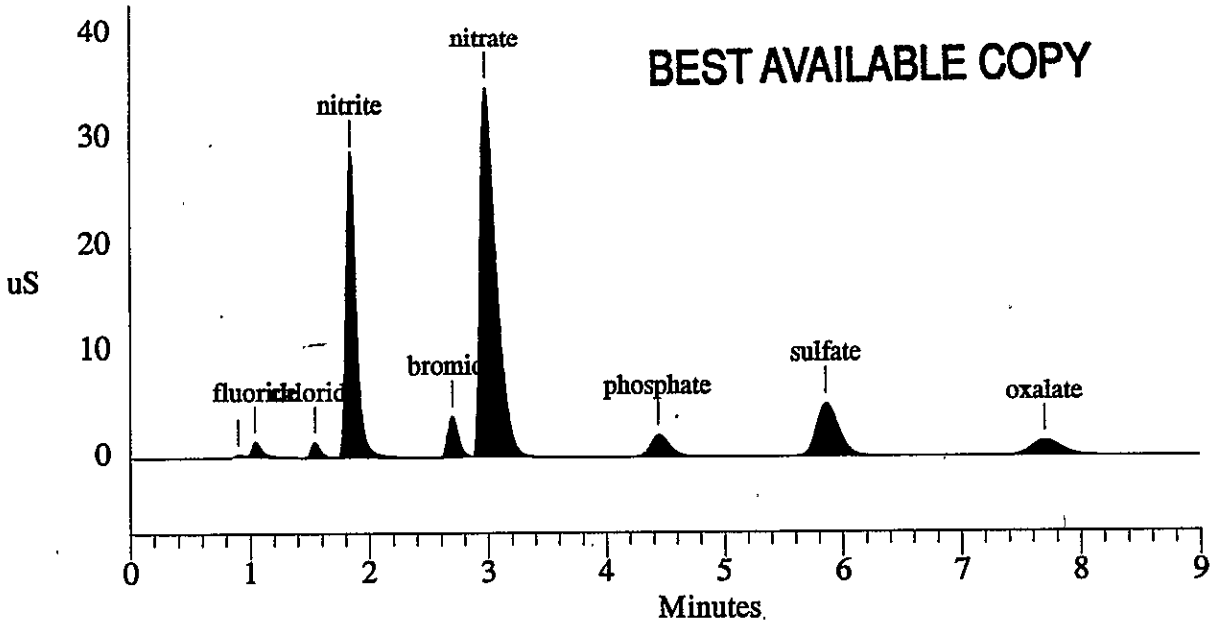
```
==========================================================================
| Sample Name: S95T001549  + SPIKE            Date: 09/18/1995 09:02:42   |
| Data File  : C:\DX\DATA\95091871.D08                                    |
| Method     : C:\DX\METHOD\KIT.MET                                       |
| ACI Address: 1  System: 1  Inject#: 8                  Detector:CDM-1   |
| Analyst    :                Column: AG4A/AS4A anion column/SRS          |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	26	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.90		0.000	130	566	2	
2	1.04	fluoride	17.496	1446	8573	2	-1.89
3	1.54	chloride	22.068	1518	8147	1	1.32
4	1.84	nitrite	638.175	28404	170327	1	1.10
5	2.70	bromide	146.016	3943	24235	1	0.00
6	2.98	nitrate	1279.223	34715	326082	1	-3.25
7	4.44	phosphate	240.634	2116	24028	1	-0.89
8	5.86	sulfate	240.465	5121	67650	1	-0.85
9	7.70	oxalate	136.878	1470	25814	1	-1.03
		Totals	2720.955	78863	655424		

File: 95091871.D08 Sample: S95T001549 + SPIKE



WHC-SD-WM-DP-139, REV. 1

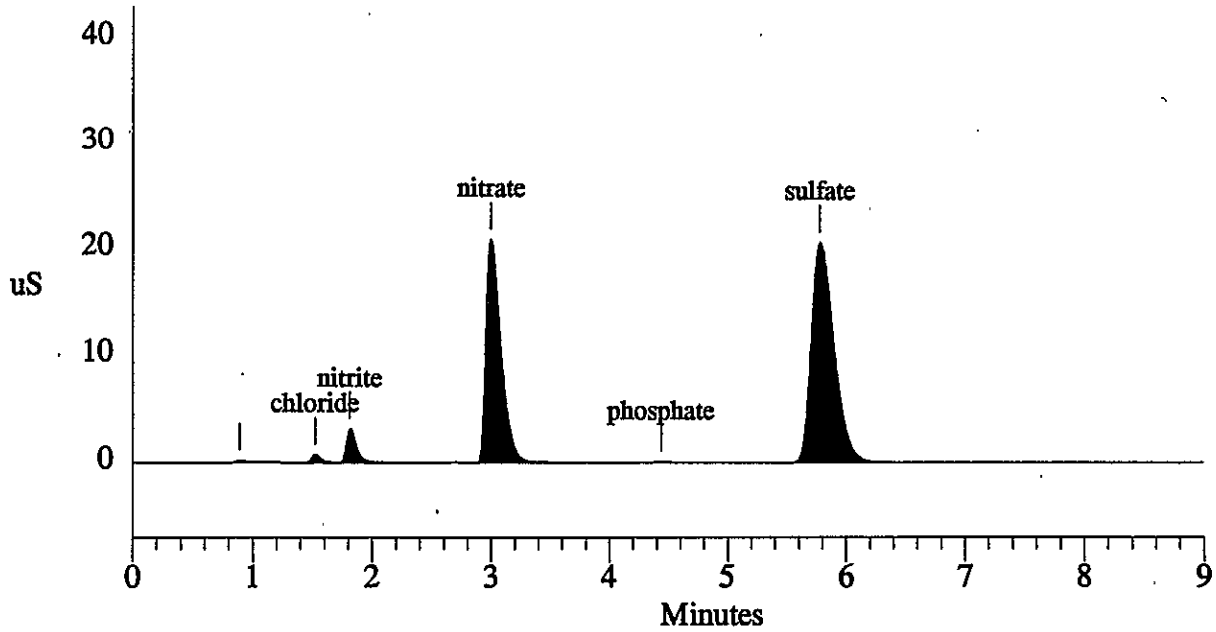
```
==========================================================================
| Sample Name: S95T001553                        Date: 09/18/1995 09:28:30 |
| Data File  : C:\DX\DATA\95091871.D10                                     |
| Method     : C:\DX\METHOD\KIT.MET                                        |
| ACI Address: 1  System: 1  Inject#: 10                 Detector:CDM-1    |
| Analyst    :                 Column: AG4A/AS4A anion column/SRS         |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	51	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	130	662	1	
2	1.52	chloride	18.812	723	3711	1	0.00
3	1.81	nitrite	148.369	3082	18469	1	-0.55
4	3.00	nitrate	1531.820	20925	182285	1	-2.60
5	4.44	phosphate	15.361	31	326	1	-0.89
6	5.78	sulfate	1728.301	20644	273986	1	-2.20
		Totals	3442.664	45534	479440		

File: 95091871.D10 Sample: S95T001553



WHC-SD-WM-DP-139, REV. 1

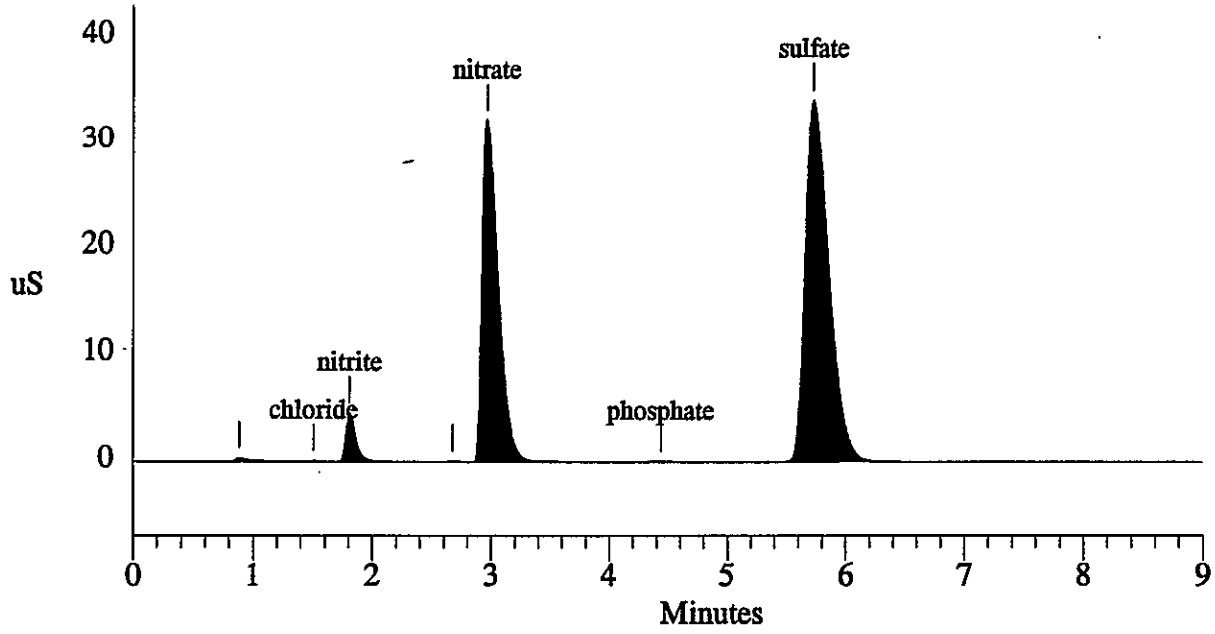
```
==========================================================================
| Sample Name: S95T001553 DUP                  Date: 09/18/1995 10:23:00  |
| Data File  : C:\DX\DATA\95091871.D11                                   |
| Method     : C:\DX\METHOD\KIT.MET                                      |
| ACI Address: 1  System: 1  Inject#: 11                Detector:CDM-1   |
| Analyst    :                Column: AG4A/AS4A anion column/SRS         |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	51	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	310	3034	1	
2	1.51	chloride	0.235	75	401	1	-0.66
3	1.81	nitrite	213.877	4524	26891	1	-0.55
5	2.97	nitrate	2370.451	32220	303696	1	-3.57
6	4.44	phosphate	18.001	42	459	1	-0.89
7	5.73	sulfate	2689.738	34217	472619	1	-3.05
		Totals	5292.302	71388	807100		

File: 95091871.D11 Sample: S95T001553 DUP



WHC-SD-WM-DP-139, REV. 1

```
==========================================================================
| Sample Name: S95T001553 + SPIKE            Date: 09/18/1995 10:36:03   |
| Data File  : C:\DX\DATA\95091871.D12                                   |
| Method     : C:\DX\METHOD\KIT.MET                                      |
| ACI Address: 1  System: 1  Inject#: 12                Detector:CDM-1   |
| Analyst    :                Column: AG4A/AS4A anion column/SRS         |
==========================================================================
```

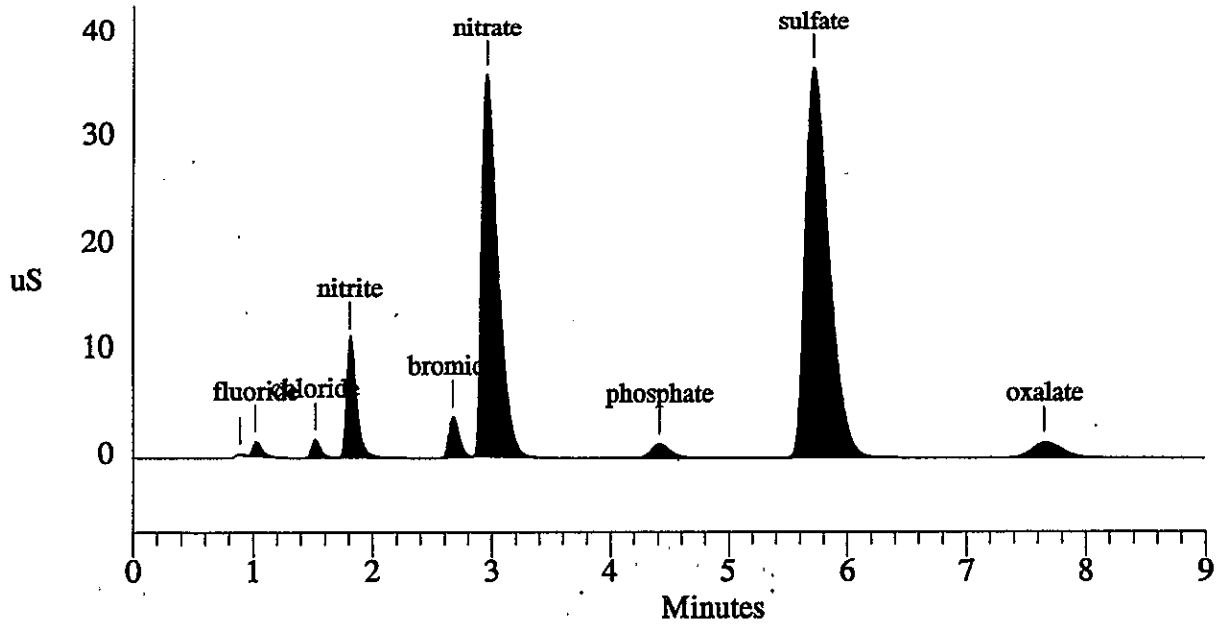
Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	51	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	168	664	2	
2	1.02	fluoride	31.182	1391	7769	2	-3.77
3	1.52	chloride	50.196	1800	9416	1	0.00
4	1.81	nitrite	514.763	11099	66444	1	-0.55
5	2.67	bromide	284.988	3881	24109	1	-1.11
6	2.96	nitrate	2599.171	35879	341029	1	-3.90
7	4.42	phosphate	303.379	1336	15081	1	-1.34
8	5.72	sulfate	2851.276	36703	511963	1	-3.21
9	7.66	oxalate	273.928	1485	26365	1	-1.54
		Totals	6908.882	93743	1002839		

BEST AVAILABLE COPY

File: 95091871.D12 Sample: S95T001553 + SPIKE



WHC-SD-WM-DP-139, REV. 1

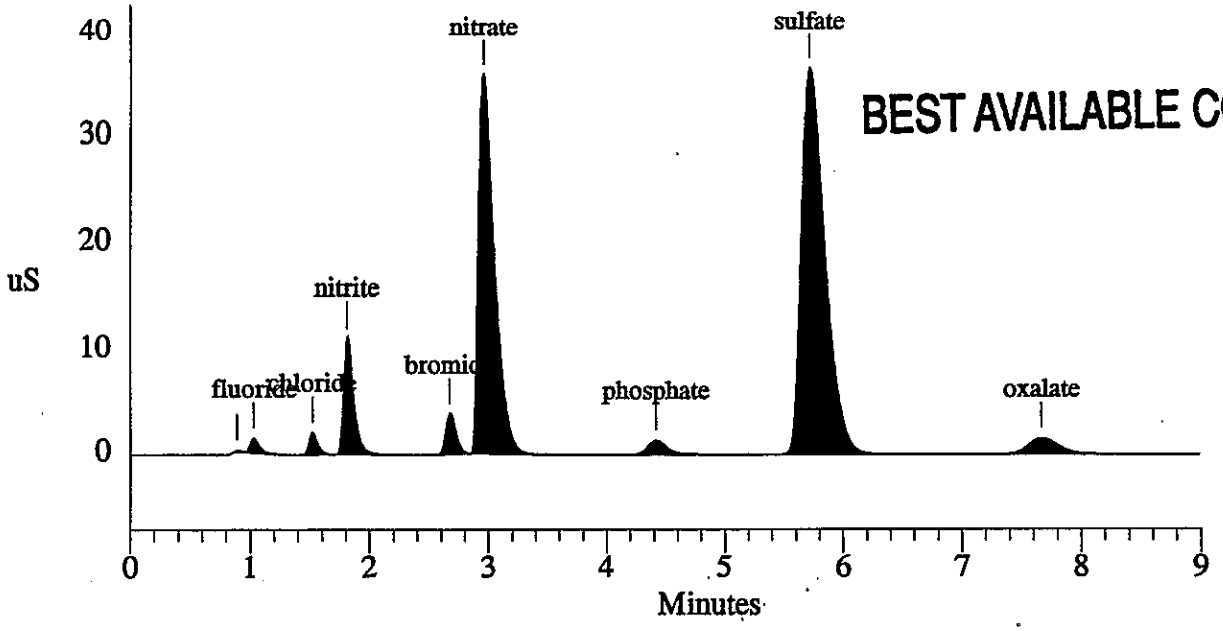
```
==========================================================================
| Sample Name: S95T001553 + SPIKE            Date: 09/18/1995 10:45:51   |
| Data File  : C:\DX\DATA\95091871.D13                                   |
| Method     : C:\DX\METHOD\KIT.MET                                      |
| ACI Address: 1  System: 1  Inject#: 13                Detector:CDM-1   |
| Analyst    :                Column: AG4A/AS4A anion column/SRS         |
==========================================================================
```

Calibration	Volume	Dilution	Points	Rate	Start	Stop	Area	Reject
External	1	51	2700	5Hz	0.00	9.00		200

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

Pk. Num	Ret Time	Component Name	Concentration ug/ml	Height	Area	Bl. Code	%Delta
1	0.89		0.000	168	664	2	
2	1.03	fluoride	30.406	1394	7571	2	-2.83
3	1.52	chloride	58.319	2081	10917	1	0.00
4	1.81	nitrite	517.042	11160	66749	1	-0.55
5	2.67	bromide	283.658	3854	23991	1	-1.11
6	2.96	nitrate	2596.603	35869	340597	1	-3.90
7	4.42	phosphate	302.214	1332	15020	1	-1.34
8	5.72	sulfate	2841.411	36581	509492	1	-3.21
9	7.67	oxalate	270.559	1480	26024	1	-1.41
		Totals	6900.211	93920	1001025		

File: 95091871.D13 Sample: S95T001553 + SPIKE



BEST AVAILABLE COPY

WHC-SD-WM-DP-139, REV. 1

LABCORE Data Entry Template for Worklist# 1886

Analyst: DK Sato **Instrument:** ICP02 **Book#** 43B48B

Method: LA-505-~~151~~ 161 Rev/Mod A-1

Worklist Comment: ICP B-101 DIRECT (Li only)

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	SAMPLE	S95T001224	0	D	@ICP-D03	LIQUID	95000091	B-101
	Analytes Requested: LI-D-01							
6	DUP	S95T001224	0	D	@ICP-D03	LIQUID		
7	SPK	S95T001224	0	D	@ICP-D03	LIQUID		
8	ICSA				@ICP-QC	QC		
9	ICSAB				@ICP-QC	QC		
10	CCV				@ICP-QC	QC		
11	CCB				@ICP-QC	QC		

Final page for worklist # 1886

DK Sato 07-21-95
Analyst Signature Date

Reviewed and Validated by:
Samuel M. Parsons 07/24/95
Analyst Signature Date

Data Entry Comments:
Sample = 147.1 ug/ml Dup = 144.7 ug/ml
% Spike Rec. = 93%
Sample Dup. (RPD) = 1.65 SP 07/24/95

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

LABCORE Data Entry Template for Worklist# ~~1788~~

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
18	ICSA				@ICP-QC	QC		
19	ICSAB				@ICP-QC	QC		
20	CCV				@ICP-QC	QC		
21	CCB				@ICP-QC	QC		

1886 S 07/24/95

Final page for worklist # ~~1788~~

DK Lot 07-21-95

Analyst Signature Date

Analyst Signature Date

S95T00123~~3~~4_L , .025-10-2.8 ml, DF 2005
S95T00123~~3~~4 .025-10 401
S95T00123~~3~~4_D .025-10 401
S95T00123~~3~~4_a .025-10 401 .025 ml sample + 2 ml SST5 + 8 ml 2% HNO_3

S95T00123X3_L , 2.8 ml , DF 5
S95T00123X3 direct 1
S95T00123X3_D direct 1
S95T00123X3_a 1.25 8 ml sample + 2 ml SST5

S95T00124~~7~~8_L , .025-10-2.8 ml, DF 2005
S95T00124~~7~~8 .025-10 401
S95T00124~~7~~8_D .025-10 401
S95T00124~~7~~8_a .025-10 401 .025 ml sample + 2 ml SST5 + 8 ml 2% HNO_3

S 07/24/95

Data Entry Comments:

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

Analysis Report Summary Fri 07-21-95 10:51:18 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950721A	ICP2	07/21/95	08:35	DKS	Q	CONC
2	ICB	950721A	ICP2	07/21/95	08:38	DKS	Q	CONC
3	ICSA	950721A	ICP2	07/21/95	08:42	DKS	Q	CONC
4	ICSAB 4	950721A	ICP2	07/21/95	08:45	DKS	Q	CONC
5	S95T001228 L	950721A	ICP2	07/21/95	08:55	DKS	S	CONC
6	S95T001228	950721A	ICP2	07/21/95	09:00	DKS	S	CONC
7	S95T001228 D	950721A	ICP2	07/21/95	09:03	DKS	S	CONC
8	S95T001228 A	950721A	ICP2	07/21/95	09:08	DKS	S	CONC
9	CCV	950721A	ICP2	07/21/95	09:37	DKS	Q	CONC
10	CCB 3	950721A	ICP2	07/21/95	09:41	DKS	Q	CONC
11	S95T001232 L	950721A	ICP2	07/21/95	09:45	DKS	S	CONC
12	S95T001232	950721A	ICP2	07/21/95	09:49	DKS	S	CONC
13	S95T001232 D	950721A	ICP2	07/21/95	09:53	DKS	S	CONC
14	S95T001232 A	950721A	ICP2	07/21/95	10:00	DKS	S	CONC
15	CCV 1	950721A	ICP2	07/21/95	10:05	DKS	Q	CONC
16	CCB 1	950721A	ICP2	07/21/95	10:09	DKS	Q	CONC
17	S95T001247 L	950721A	ICP2	07/21/95	10:13	DKS	S	CONC
18	S95T001247	950721A	ICP2	07/21/95	10:17	DKS	S	CONC
19	S95T001247 D	950721A	ICP2	07/21/95	10:21	DKS	S	CONC
20	S95T001247 A	950721A	ICP2	07/21/95	10:25	DKS	S	CONC
21	ICSA	950721A	ICP2	07/21/95	10:33	DKS	Q	CONC
22	ICSAB	950721A	ICP2	07/21/95	10:36	DKS	Q	CONC
23	CCV 2	950721A	ICP2	07/21/95	10:43	DKS	Q	CONC
24	CCB 2	950721A	ICP2	07/21/95	10:47	DKS	Q	CONC

DK Lad
07-21-95

B-101 595T001223
595T001232
595T001247
Worklist# 1788

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 210 TO 214.

WHC-SD-WM-DP-139, REV. 1

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	5.143	4.961	5.160	4.973	4.998	5.202
2	ICB	.0010	.0058	.0146	.0073	.0001	.0002
3	ICSA	.0005	244.7	.0295	.0007	.0017	.0004
4	ICSAB	.9868	243.9	-.0014	-.0005	.4679	.4833
5	S95T001223_L	345.3	-7.503	-9.868	8.783	.6867	.2353
6	S95T001223_	217.6	2.197	-7.833	8.568	1.044	.0424
7	S95T001223_D	235.7	-.6189	-3.165	7.984	1.020	.0422
8	S95T001223_A	560.7	387.5	420.4	397.4	379.0	411.1
9	CCV	4.999	4.928	4.964	4.907	4.931	5.046
10	CCB	.0003	-.0019	.0081	.0009	.0000	-.0000
11	S95T001232_L	-.0136	.0202	.0251	.5746	.0018	.0000
12	S95T001232_	-.0006	.0008	.0032	.5544	.0024	.0001
13	S95T001232_D	.0007	.0012	.0059	.5520	.0024	-.0000
14	S95T001232_A	.6400	1.338	1.301	1.820	1.269	1.316
15	CCV_1	5.054	5.008	5.117	4.992	4.997	5.182
16	CCB_1	-.0011	-.0079	-.0000	.0052	.0000	-.0001
17	S95T001247_L	326.7	56.78	-7.901	17.00	.6800	-.3736
18	S95T001247_	186.4	69.09	-5.942	11.35	.7075	-.0331
19	S95T001247_D	224.6	34.13	.3844	8.135	.5004	.0559
20	S95T001247_A	286.4	436.4	419.1	396.9	374.4	406.6
21	ICSA	.0033	243.1	-.0278	-.0048	.0017	.0001
22	ICSAB	.9847	243.8	-.0398	-.0043	.4591	.4826
23	CCV_2	5.073	4.903	5.100	4.914	4.863	5.156
24	CCB_2	-.0005	-.0086	.0093	.0005	.0000	.0001

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	4.958	5.345	5.172	5.068	5.192	5.219
2	ICB	-.0066	-.0008	.0006	-.0023	-.0003	-.0001
3	ICSA	-.0392	250.6	.0030	.0016	.0016	.0056
4	ICSAB	.0004	249.4	.9568	-.0037	.4696	.4858
5	S95T001223_L	-22.54	3.140	1.730	-30.12	-1.071	345.9
6	S95T001223_	4.084	5.182	.1615	-2.582	1.103	342.1
7	S95T001223_D	-.7794	2.034	.4827	-1.509	1.875	342.0
8	S95T001223_A	391.1	447.6	423.4	386.9	422.8	769.9
9	CCV	4.891	5.004	4.909	5.047	4.948	4.977
10	CCB	-.0104	.0031	.0008	.0031	.0023	-.0003
11	S95T001232_L	.0049	.4660	.0004	-.0154	.0051	-.0010
12	S95T001232_	.0008	.4720	.0009	.0001	.0000	.0038
13	S95T001232_D	-.0201	.4652	.0004	-.0007	-.0003	.0029
14	S95T001232_A	1.249	1.790	1.293	1.313	1.300	1.305
15	CCV_1	4.944	5.103	5.031	5.131	5.066	5.073
16	CCB_1	-.0039	.0034	.0005	.0034	.0013	-.0011
17	S95T001247_L	-18.26	23.28	3.135	5.223	7.175	413.4
18	S95T001247_	1.356	20.85	.3540	5.003	2.157	414.2
19	S95T001247_D	2.982	6.334	.2209	2.940	2.567	416.7
20	S95T001247_A	398.2	427.3	412.2	397.2	411.0	826.5
21	ICSA	-.0349	247.3	.0023	.0126	.0000	.0048
22	ICSAB	-.0186	247.0	.9578	.0048	.4743	.4875
23	CCV_2	4.938	5.288	5.104	5.014	5.124	5.150
24	CCB_2	-.0290	.0018	.0010	-.0045	.0016	.0004

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	4.881	.0058	5.146	4.887	5.010	4.883
2	ICB	.0002	.0010	-.0003	-.0060	-.0003	.0013
3	ICSA	-.0093	-.0386	93.05	-.0346	-.0052	.0031
4	ICSAB 4	.4722	-.0359	92.17	-.0966	-.0058	.9539
5	S95T001228 L	.1502	3.164	-2.646	188.1	-3.229	151.8
6	S95T001228	1.311	.5621	2.721	449.5	-.6241	147.1
7	S95T001228 D	1.222	.7884	-.0752	450.5	-.1408	144.7
8	S95T001228 A	377.7	1.543	412.9	822.9	385.1	504.3
9	CCV	4.915	.0051	4.956	4.910	4.994	5.101
10	CCB 3	-.0002	-.0003	.0004	-.1945	.0007	-.0001
11	S95T001232 L	.0011	-.0054	.0706	-1.798	.0017	.2518
12	S95T001232	.0015	-.0001	.0709	-.1267	.0017	.2477
13	S95T001232 D	.0017	-.0001	.0691	.0893	.0018	.2459
14	S95T001232 A	1.297	.0006	1.375	1.284	1.302	1.594
15	CCV 1	4.985	.0052	5.058	4.915	5.075	5.130
16	CCB 1 8	.0000	-.0006	.0002	-.2259	.0010	-.0005
17	S95T001247 L	18.16	-.1400	64.80	276.8	1.244	142.5
18	S95T001247	14.54	.7371	60.56	414.9	1.030	135.1
19	S95T001247 D SJ 07/24/95	14.63	.5508	34.25	391.5	.4362	135.4
20	S95T001247 A	393.9	1.055	442.1	708.5	387.3	508.1
21	ICSA	-.0105	-.0219	92.39	-.1270	-.0033	.0032
22	ICSAB	.4703	-.0167	92.32	-.2877	-.0042	.9497
23	CCV 2	4.844	.0073	5.067	4.587	4.954	4.866
24	CCB 2	-.0000	.0014	.0000	-.2446	.0001	.0014

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.952	5.076	5.131	4.931	5.147	5.169
2	ICB	-.0071	.0006	-.0003	-.0017	.0009	-.0042
3	ICSA	246.6	-.0049	-.0082	189.4	-.0001	-.0112
4	ICSAB	245.4	.4547	-.0132	190.1	-.0049	.9059
5	S95T001223 L	-18.22	1.682	3.475	195400.	-2.031	6.711
6	S95T001223	-3.199	.3585	3.789	187100.	-.6207	11.97
7	S95T001223 D	-1.865	.3826	4.164	184500.	.4493	12.85
8	S95T001223 A	381.7	402.3	423.8	181400.	393.7	430.1
9	CCV	4.930	4.857	4.923	5.057	5.167	4.904
10	CCB	.0072	-.0002	-.0011	-.0051	.0010	.0075
11	S95T001232 L	.0824	.0112	-.0106	6.481	.0026	.0235
12	S95T001232	.0826	.0131	-.0009	6.455	-.0003	.0082
13	S95T001232 D	.0825	.0124	-.0005	6.432	.0016	.0037
14	S95T001232 A	1.389	1.259	1.280	7.972	1.347	1.310
15	CCV 1	4.992	4.934	5.034	5.090	5.240	4.988
16	CCB 1	-.0016	-.0004	-.0019	-.0065	-.0003	.0051
17	S95T001247 L	40.59	33.63	3.833	201500.	11.57	24.24
18	S95T001247	5.369	34.13	3.881	187000.	2.258	16.09
19	S95T001247 D	10.53	19.96	4.016	187100.	2.831	14.92
20	S95T001247 A	390.1	413.0	413.9	186000.	397.9	424.0
21	ICSA	246.2	-.0055	-.0122	186.2	-.0016	-.0093
22	ICSAB	246.6	.4523	-.0097	188.9	.0007	.9105
23	CCV 2	4.911	4.980	5.064	4.888	5.085	5.083
24	CCB 2	.0038	.0004	-.0029	.0099	.0016	.0012

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.024	5.161	5.063	4.778	5.068	5.038
2	ICB	.0187	.0099	.0083	-.0015	.0336	.0172
3	ICSA	-.0110	.0240	-.0081	-.0151	.0297	.0511
4	ICSAB	.0143	.9780	-.0205	-.0118	-.0085	.0515
5	S95T001223_L	2586.	5.608	7743.	-1.128	-724.6	56.41
6	S95T001223_	2694.	4.412	7818.	-1.416	-716.0	21.09
7	S95T001223_D	2697.	2.635	7810.	-2.645	-707.8	13.71
8	S95T001223_A	3108.	430.1	8218.	391.8	-273.5	419.5
9	CCV	5.040	4.911	4.967	4.679	4.899	4.873
10	CCB	-.0160	.0121	-.0113	.0042	-.0226	-.0010
11	S95T001232_L	.0688	-.0178	.8979	-.0042	-.0540	1.928
12	S95T001232_	.0846	.0001	.9721	.0035	-.0168	1.831
13	S95T001232_D	.1011	-.0008	.9798	.0005	-.0284	1.798
14	S95T001232_A	1.414	1.283	2.270	1.203	1.243	3.225
15	CCV_1	5.117	5.007	5.072	4.758	5.001	4.953
16	CCB_1	-.0070	-.0055	-.0068	.0012	-.0129	.0037
17	S95T001247_L	2080.	62.97	7808.	7.627	-790.2	40.46
18	S95T001247_	1983.	48.61	7840.	2.125	-726.3	36.92
19	S95T001247_D	1971.	35.60	7795.	.4193	-718.9	33.09
20	S95T001247_A	2424.	448.8	8241.	387.2	-297.4	430.0
21	ICSA	-.0340	.0372	-.0130	.0156	.0359	.0487
22	ICSAB	-.0130	1.005	-.0307	.0059	.0156	.0430
23	CCV_2	5.250	5.117	5.099	4.774	5.101	4.962
24	CCB_2	-.0319	.0027	-.0140	-.0100	.0068	.0079

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	5.004	4.955	-.0277	4.900	5.011	9.954
2	ICB	.0111	.0006	-.0059	.0002	.0017	.0490
3	ICSA	-.0034	.0024	-.0199	.0015	.0894	-.1437
4	ICSAB	-.0051	.0024	-.0283	.0009	.0535	-.1253
5	S95T001223_L	33.54	2.208	-17.00	-.3897	5.090	232.8
6	S95T001223_	6.901	.5826	-2.567	-.0777	-2.791	130.9
7	S95T001223_D	9.894	.5818	-3.390	.2779	-.7027	141.2
8	S95T001223_A	394.1	382.1	-4.285	388.1	408.7	902.2
9	CCV	5.022	4.919	-.0023	4.795	4.875	10.01
10	CCB	-.0035	-.0001	.0017	.0000	.0246	-.0290
11	S95T001232_L	-.0458	.0001	-.0051	.0020	-.1958	2.612
12	S95T001232_	.0029	.0012	-.0063	.0015	-.0221	2.694
13	S95T001232_D	.0023	.0012	-.0069	.0017	.0030	2.667
14	S95T001232_A	1.289	1.281	-.0070	1.246	1.285	5.469
15	CCV_1	5.102	5.003	-.0045	4.891	4.909	10.15
16	CCB_1	-.0061	-.0001	.0008	-.0002	.0320	-.0314
17	S95T001247_L	-1.315	.3997	1.982	1.265	10.62	24.97
18	S95T001247_	8.275	.6367	-1.113	.4345	-5.402	78.91
19	S95T001247_D	6.477	.2995	.5177	.5163	5.478	72.46
20	S95T001247_A	390.1	381.3	-.0235	384.4	388.9	831.8
21	ICSA	.0008	.0016	-.0142	.0006	.0728	-.0984
22	ICSAB	-.0064	.0017	-.0186	.0010	.0439	-.1229
23	CCV_2	4.967	4.889	-.0027	4.839	4.945	9.856
24	CCB_2	.0172	.0002	-.0050	-.0004	.0090	.0490

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.059	.0131	5.142	5.003
2	ICB	.0035	.0005	.0003	.0022
3	ICSA	.0014	.0078	-.0041	.0001
4	ICSAB	.4683	.0077	.9692	.0007
5	S95T001223_L	9.736	2.043	10.75	15.81
6	S95T001223	2.438	.4086	9.091	9.383
7	S95T001223_D	3.072	.5657	9.217	9.435
8	S95T001223_A	410.4	1.886	434.9	400.5
9	CCV	4.900	.0121	4.913	4.889
10	CCB	-.0022	-.0005	-.0009	-.0007
11	S95T001232_L	-.0150	-.0024	.0734	-.0049
12	S95T001232	-.0004	.0011	.0644	.0009
13	S95T001232_D	-.0005	.0010	.0646	.0010
14	S95T001232_A	1.269	.0040	1.383	1.260
15	CCV_1	4.998	.0125	4.998	4.981
16	CCB_1	-.0022	-.0005	-.0017	-.0006
17	S95T001247_L	-1.791	.0000	15.87	14.51
18	S95T001247	1.693	.5343	15.69	11.41
19	S95T001247_D	1.226	.3143	13.13	11.17
20	S95T001247_A	401.4	1.414	426.5	405.0
21	ICSA	.0004	.0079	-.0040	-.0003
22	ICSAB	.4698	.0076	.9724	-.0007
23	CCV_2	5.013	.0135	5.083	4.937
24	CCB_2	.0025	.0008	-.0008	.0024

DK Lab
07-21-95

WHC-SD-WM-DP-139, REV. 1

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	1886	1			ICV	AG				5.1429		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
2	1886	1			ICV	AL				4.9906		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
3	1886	1			ICV	AS				5.1596		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
4	1886	1			ICV	B				4.9733		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
5	1886	1			ICV	BA				4.9978		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
6	1886	1			ICV	BE				5.2022		1.0000	07/21/95	08:35	dks	0.005	@ICP-QC
7	1886	1			ICV	BI				4.9579		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
8	1886	1			ICV	CA				5.3453		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
9	1886	1			ICV	CD				5.1723		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
10	1886	1			ICV	CE				5.0683		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
11	1886	1			ICV	CO				5.1924		1.0000	07/21/95	08:35	dks	0.02	@ICP-QC
12	1886	1			ICV	CR				5.2194		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
13	1886	1			ICV	CU				4.8810		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
14	1886	1			ICV	EU				0.0058		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
15	1886	1			ICV	FE				5.1463		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
16	1886	1			ICV	K				4.8870		1.0000	07/21/95	08:35	dks	0.3	@ICP-QC
17	1886	1			ICV	LA				5.0095		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
18	1886	1			ICV	LI				4.8834		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
19	1886	1			ICV	MG				4.9518		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
20	1886	1			ICV	MN				5.0759		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
21	1886	1			ICV	MO				5.1306		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
22	1886	1			ICV	NA				4.9309		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
23	1886	1			ICV	ND				5.1473		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
24	1886	1			ICV	NI				5.1888		1.0000	07/21/95	08:35	dks	0.02	@ICP-QC
25	1886	1			ICV	P				5.0238		1.0000	07/21/95	08:35	dks	0.2	@ICP-QC
26	1886	1			ICV	PB				5.1813		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
27	1886	1			ICV	S				5.0626		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
28	1886	1			ICV	SB				4.7779		1.0000	07/21/95	08:35	dks	0.2	@ICP-QC
29	1886	1			ICV	SE				5.0684		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
30	1886	1			ICV	SI				5.0384		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
31	1886	1			ICV	SM				5.0039		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
32	1886	1			ICV	SR				4.9554		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
33	1886	1			ICV	TH				-0.0277		1.0000	07/21/95	08:35	dks	0	@ICP-QC
34	1886	1			ICV	TI				4.8908		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
35	1886	1			ICV	TL				5.0105		1.0000	07/21/95	08:35	dks	0.2	@ICP-QC
36	1886	1			ICV	U				9.9542		1.0000	07/21/95	08:35	dks	0.4	@ICP-QC
37	1886	1			ICV	V				5.0590		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
38	1886	1			ICV	Y				0.0131		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
39	1886	1			ICV	ZN				5.1418		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
40	1886	1			ICV	ZR				5.0026		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
41	1886	2			ICB	AG				0.0010		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
42	1886	2			ICB	AL				0.0058		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
43	1886	2			ICB	AS				0.0146		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
44	1886	2			ICB	B				0.0073		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
45	1886	2			ICB	BA				0.0001		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
46	1886	2			ICB	BE				0.0002		1.0000	07/21/95	08:38	dks	0.005	@ICP-QC
47	1886	2			ICB	BI				-0.0066		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
48	1886	2			ICB	CA				-0.0008		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
49	1886	2			ICB	CD				0.0006		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
50	1886	2			ICB	CE				-0.0023		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
51	1886	2			ICB	CO				-0.0003		1.0000	07/21/95	08:38	dks	0.02	@ICP-QC
52	1886	2			ICB	CR				-0.0001		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
53	1886	2			ICB	CU				0.0002		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
54	1886	2			ICB	EU				0.0010		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
55	1886	2			ICB	FE				-0.0003		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
56	1886	2			ICB	K				-0.0060		1.0000	07/21/95	08:38	dks	0.3	@ICP-QC
57	1886	2			ICB	LA				-0.0003		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
58	1886	2			ICB	LI				0.0013		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
59	1886	2			ICB	MG				-0.0071		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
60	1886	2			ICB	MN				0.0006		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
61	1886	2			ICB	MO				-0.0003		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
62	1886	2			ICB	NA				-0.0017		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
63	1886	2			ICB	ND				0.0009		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
64	1886	2			ICB	NI				-0.0042		1.0000	07/21/95	08:38	dks	0.02	@ICP-QC
65	1886	2			ICB	P				0.0187		1.0000	07/21/95	08:38	dks	0.2	@ICP-QC
66	1886	2			ICB	PB				0.0099		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
67	1886	2			ICB	S				0.0083		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
68	1886	2			ICB	SB				-0.0015		1.0000	07/21/95	08:38	dks	0.2	@ICP-QC
69	1886	2			ICB	SE				0.0336		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
70	1886	2			ICB	SI				0.0172		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
71	1886	2			ICB	SM				0.0111		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
72	1886	2			ICB	SR				0.0006		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
73	1886	2			ICB	TH				-0.0059		1.0000	07/21/95	08:38	dks	0	@ICP-QC
74	1886	2			ICB	TI				0.0002		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
75	1886	2			ICB	TL				0.0017		1.0000	07/21/95	08:38	dks	0.2	@ICP-QC
76	1886	2			ICB	U				0.0490		1.0000	07/21/95	08:38	dks	0.4	@ICP-QC
77	1886	2			ICB	V				0.0035		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
78	1886	2			ICB	Y				0.0005		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
79	1886	2			ICB	ZN				0.0003		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
80	1886	2			ICB	ZR				0.0022		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
81	1886	3			ICSA	AG				0.0005		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
82	1886	3			ICSA	AL				244.7386		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
83	1886	3			ICSA	AS				0.0295		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
84	1886	3			ICSA	B				0.0007		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
85	1886	3			ICSA	BA				0.0017		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
86	1886	3			ICSA	BE				0.0004		1.0000	07/21/95	08:42	dks	0.005	@ICP-QC
87	1886	3			ICSA	BI				-0.0392		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
88	1886	3			ICSA	CA				250.6092		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
89	1886	3			ICSA	CD				0.0030		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
90	1886	3			ICSA	CE				0.0016		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
91	1886	3			ICSA	CO				0.0016		1.0000	07/21/95	08:42	dks	0.02	@ICP-QC
92	1886	3			ICSA	CR				0.0057		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
93	1886	3			ICSA	CU				-0.0063		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
94	1886	3			ICSA	EU				-0.0386		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
95	1886	3			ICSA	FE				93.0515		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
96	1886	3			ICSA	K				-0.0348		1.0000	07/21/95	08:42	dks	0.3	@ICP-QC
97	1886	3			ICSA	LA				-0.0052		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
98	1886	3			ICSA	LI				0.0031		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
99	1886	3			ICSA	MG				246.5977		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
100	1886	3			ICSA	MN				-0.0049		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
101	1886	3			ICSA	MO				-0.0082		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
102	1886	3			ICSA	NA				189.3560		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
103	1886	3			ICSA	ND				-0.0001		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
104	1886	3			ICSA	NI				-0.0112		1.0000	07/21/95	08:42	dks	0.02	@ICP-QC
105	1886	3			ICSA	P				-0.0110		1.0000	07/21/95	08:42	dks	0.2	@ICP-QC
106	1886	3			ICSA	PB				0.0240		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
107	1886	3			ICSA	S				-0.0082		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
108	1886	3			ICSA	SB				-0.0151		1.0000	07/21/95	08:42	dks	0.2	@ICP-QC
109	1886	3			ICSA	SE				0.0297		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
110	1886	3			ICSA	SI				0.0511		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
111	1886	3			ICSA	SM				-0.0034		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
112	1886	3			ICSA	SR				0.0024		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
113	1886	3			ICSA	TH				-0.0199		1.0000	07/21/95	08:42	dks	0	@ICP-QC
114	1886	3			ICSA	TI				0.0015		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
115	1886	3			ICSA	TL				0.0894		1.0000	07/21/95	08:42	dks	0.2	@ICP-QC
116	1886	3			ICSA	U				-0.1437		1.0000	07/21/95	08:42	dks	0.4	@ICP-QC
117	1886	3			ICSA	V				0.0014		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
118	1886	3			ICSA	Y				0.0078		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
119	1886	3			ICSA	ZN				-0.0041		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
120	1886	3			ICSA	ZR				0.0001		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
121	1886	4			ICSAB	AG				0.9668		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
122	1886	4			ICSAB	AL				243.9314		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC

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WHC-SD-WM-DP-139, REV. 1

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
123	1886	4			ICSAB	AS				-0.0014		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
124	1886	4			ICSAB	B				-0.0005		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
125	1886	4			ICSAB	BA				0.4679		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
126	1886	4			ICSAB	BE				0.4833		1.0000	07/21/95	08:45	dks	0.005	@ICP-QC
127	1886	4			ICSAB	BI				0.0004		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
128	1886	4			ICSAB	CA				249.3521		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
129	1886	4			ICSAB	CD				0.9568		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
130	1886	4			ICSAB	CE				-0.0037		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
131	1886	4			ICSAB	CO				0.4696		1.0000	07/21/95	08:45	dks	0.02	@ICP-QC
132	1886	4			ICSAB	CR				0.4858		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
133	1886	4			ICSAB	CU				0.4722		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
134	1886	4			ICSAB	EU				-0.0359		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
135	1886	4			ICSAB	FE				92.1717		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
136	1886	4			ICSAB	K				-0.0966		1.0000	07/21/95	08:45	dks	0.3	@ICP-QC
137	1886	4			ICSAB	LA				-0.0058		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
138	1886	4			ICSAB	LI				0.9539		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
139	1886	4			ICSAB	MG				245.4030		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
140	1886	4			ICSAB	MN				0.4547		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
141	1886	4			ICSAB	MO				-0.0132		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
142	1886	4			ICSAB	NA				190.0575		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
143	1886	4			ICSAB	ND				-0.0049		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
144	1886	4			ICSAB	NI				0.9059		1.0000	07/21/95	08:45	dks	0.02	@ICP-QC
145	1886	4			ICSAB	P				0.0143		1.0000	07/21/95	08:45	dks	0.2	@ICP-QC
146	1886	4			ICSAB	PB				0.9780		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
147	1886	4			ICSAB	S				-0.0205		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
148	1886	4			ICSAB	SB				-0.0116		1.0000	07/21/95	08:45	dks	0.2	@ICP-QC
149	1886	4			ICSAB	SE				-0.0065		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
150	1886	4			ICSAB	SI				0.0515		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
151	1886	4			ICSAB	SM				-0.0051		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
152	1886	4			ICSAB	SR				0.0024		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
153	1886	4			ICSAB	TH				-0.0283		1.0000	07/21/95	08:45	dks	0	@ICP-QC
154	1886	4			ICSAB	TI				0.0009		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
155	1886	4			ICSAB	TL				0.0535		1.0000	07/21/95	08:45	dks	0.2	@ICP-QC
156	1886	4			ICSAB	U				-0.1253		1.0000	07/21/95	08:45	dks	0.4	@ICP-QC
157	1886	4			ICSAB	V				0.4683		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
158	1886	4			ICSAB	Y				0.0077		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
159	1886	4			ICSAB	ZN				0.9692		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
160	1886	4			ICSAB	ZR				0.0007		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
161	1886	5	S95T001224			LI-F-01				147.1151		401.0000	07/21/95	09:00	dks	0.01	@ICP-F0
162	1886	6	S95T001224		DUP	LI-F-01		147.1151		144.7091		401.0000	07/21/95	09:03	dks	0.01	@ICP-F0
163	1886	7	S95T001224_A		SPK	LI-F-01		401.0		357.17323		401.0000	07/21/95	09:08	dks	0.01	@ICP-F0
164	1886	8			ICSA	AG				0.0033		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
165	1886	8			ICSA	AL				243.1116		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
166	1886	8			ICSA	AS				-0.0278		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
167	1886	8			ICSA	B				-0.0048		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
168	1886	8			ICSA	BA				0.0017		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
169	1886	8			ICSA	BE				0.0002		1.0000	07/21/95	10:33	dks	0.005	@ICP-QC
170	1886	8			ICSA	BI				-0.0349		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
171	1886	8			ICSA	CA				247.3078		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
172	1886	8			ICSA	CD				0.0023		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
173	1886	8			ICSA	CE				0.0126		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
174	1886	8			ICSA	CO				0.0000		1.0000	07/21/95	10:33	dks	0.02	@ICP-QC
175	1886	8			ICSA	CR				0.0048		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
176	1886	8			ICSA	CU				-0.0105		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
177	1886	8			ICSA	EU				-0.0219		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
178	1886	8			ICSA	FE				92.3871		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
179	1886	8			ICSA	K				-0.1270		1.0000	07/21/95	10:33	dks	0.3	@ICP-QC
180	1886	8			ICSA	LA				-0.0033		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
181	1886	8			ICSA	LI				0.0032		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
182	1886	8			ICSA	MG				246.2134		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
183	1886	8			ICSA	MN				-0.0055		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
184	1886	8			ICSA	MO				-0.0122		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
185	1886	8			ICSA	NA				186.1940		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
186	1886	8			ICSA	ND				-0.0016		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
187	1886	8			ICSA	NI				-0.0093		1.0000	07/21/95	10:33	dks	0.02	@ICP-QC
188	1886	8			ICSA	P				-0.0340		1.0000	07/21/95	10:33	dks	0.2	@ICP-QC
189	1886	8			ICSA	PB				0.0372		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
190	1886	8			ICSA	S				-0.0130		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
191	1886	8			ICSA	SB				0.0156		1.0000	07/21/95	10:33	dks	0.2	@ICP-QC
192	1886	8			ICSA	SE				0.0359		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
193	1886	8			ICSA	SI				0.0487		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
194	1886	8			ICSA	SM				0.0008		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
195	1886	8			ICSA	SR				0.0016		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
196	1886	8			ICSA	TH				-0.0142		1.0000	07/21/95	10:33	dks	0	@ICP-QC
197	1886	8			ICSA	TI				0.0006		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
198	1886	8			ICSA	TL				0.0728		1.0000	07/21/95	10:33	dks	0.2	@ICP-QC
199	1886	8			ICSA	U				-0.0984		1.0000	07/21/95	10:33	dks	0.4	@ICP-QC
200	1886	8			ICSA	V				0.0004		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
201	1886	8			ICSA	Y				0.0079		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
202	1886	8			ICSA	ZN				-0.0040		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
203	1886	8			ICSA	ZR				-0.0003		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
204	1886	9			ICSAB	AG				0.9847		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
205	1886	9			ICSAB	AL				243.7980		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
206	1886	9			ICSAB	AS				-0.0398		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
207	1886	9			ICSAB	B				-0.0043		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
208	1886	9			ICSAB	BA				0.4591		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
209	1886	9			ICSAB	BE				0.4826		1.0000	07/21/95	10:36	dks	0.005	@ICP-QC
210	1886	9			ICSAB	BI				-0.0186		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
211	1886	9			ICSAB	CA				246.9705		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
212	1886	9			ICSAB	CD				0.9578		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
213	1886	9			ICSAB	CE				0.0048		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
214	1886	9			ICSAB	CO				0.4743		1.0000	07/21/95	10:36	dks	0.02	@ICP-QC
215	1886	9			ICSAB	CR				0.4875		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
216	1886	9			ICSAB	CU				0.4703		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
217	1886	9			ICSAB	EU				-0.0167		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
218	1886	9			ICSAB	FE				92.3182		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
219	1886	9			ICSAB	K				-0.2877		1.0000	07/21/95	10:36	dks	0.3	@ICP-QC
220	1886	9			ICSAB	LA				-0.0042		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
221	1886	9			ICSAB	LI				0.9497		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
222	1886	9			ICSAB	MG				246.5524		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
223	1886	9			ICSAB	MN				0.4523		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
224	1886	9			ICSAB	MO				-0.0097		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
225	1886	9			ICSAB	NA				188.9187		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
226	1886	9			ICSAB	ND				0.0007		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
227	1886	9			ICSAB	NI				0.9105		1.0000	07/21/95	10:36	dks	0.02	@ICP-QC
228	1886	9			ICSAB	P				-0.0130		1.0000	07/21/95	10:36	dks	0.2	@ICP-QC
229	1886	9			ICSAB	PB				1.0048		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
230	1886	9			ICSAB	S				-0.0307		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
231	1886	9			ICSAB	SB				0.0059		1.0000	07/21/95	10:36	dks	0.2	@ICP-QC
232	1886	9			ICSAB	SE				0.0156		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
233	1886	9			ICSAB	SI				0.0430		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
234	1886	9			ICSAB	SM				-0.0064		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
235	1886	9			ICSAB	SR				0.0017		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
236	1886	9			ICSAB	TH				-0.0186		1.0000	07/21/95	10:36	dks	0	@ICP-QC
237	1886	9			ICSAB	TI				0.0010		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
238	1886	9			ICSAB	TL				0.0439		1.0000	07/21/95	10:36	dks	0.2	@ICP-QC
239	1886	9			ICSAB	U				-0.1229		1.0000	07/21/95	10:36	dks	0.4	@ICP-QC
240	1886	9			ICSAB	V				0.4698		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
241	1886	9			ICSAB	Y				0.0076		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
242	1886	9			ICSAB	ZN				0.9724		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
243	1886	9			ICSAB	ZR				-0.0007		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
244	1886	10			CCV	AG				5.0732		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
245	1886	10			CCV	AL				4.9035		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
246	1886	10			CCV	AS				5.0999		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
247	1886	10			CCV	B				4.9136		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
248	1886	10			CCV	BA				4.8634		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
249	1886	10			CCV	BE				5.1556		1.0000	07/21/95	10:43	dks	0.005	@ICP-QC
250	1886	10			CCV	BI				4.9379		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
251	1886	10			CCV	CA				5.2880		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
252	1886	10			CCV	CD				5.1040		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
253	1886	10			CCV	CE				5.0140		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
254	1886	10			CCV	CO				5.1239		1.0000	07/21/95	10:43	dks	0.02	@ICP-QC
255	1886	10			CCV	CR				5.1497		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
256	1886	10			CCV	CU				4.8438		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
257	1886	10			CCV	EU				0.0073		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
258	1886	10			CCV	FE				5.0673		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
259	1886	10			CCV	K				4.5871		1.0000	07/21/95	10:43	dks	0.3	@ICP-QC
260	1886	10			CCV	LA				4.9536		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
261	1886	10			CCV	LI				4.8857		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
262	1886	10			CCV	MG				4.9114		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
263	1886	10			CCV	MN				4.9796		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
264	1886	10			CCV	MO				5.0644		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
265	1886	10			CCV	NA				4.8882		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
266	1886	10			CCV	ND				5.0850		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
267	1886	10			CCV	NI				5.0831		1.0000	07/21/95	10:43	dks	0.02	@ICP-QC
268	1886	10			CCV	P				5.2497		1.0000	07/21/95	10:43	dks	0.2	@ICP-QC
269	1886	10			CCV	PB				5.1173		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
270	1886	10			CCV	S				5.0990		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
271	1886	10			CCV	SB				4.7738		1.0000	07/21/95	10:43	dks	0.2	@ICP-QC
272	1886	10			CCV	SE				5.1005		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
273	1886	10			CCV	SI				4.9622		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
274	1886	10			CCV	SM				4.9669		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
275	1886	10			CCV	SR				4.8895		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
276	1886	10			CCV	TH				-0.0027		1.0000	07/21/95	10:43	dks	0	@ICP-QC
277	1886	10			CCV	TI				4.8391		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
278	1886	10			CCV	TL				4.9453		1.0000	07/21/95	10:43	dks	0.2	@ICP-QC
279	1886	10			CCV	U				9.8560		1.0000	07/21/95	10:43	dks	0.4	@ICP-QC
280	1886	10			CCV	V				5.0134		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
281	1886	10			CCV	Y				0.0135		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
282	1886	10			CCV	ZN				5.0829		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
283	1886	10			CCV	ZR				4.9371		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
284	1886	11			CCB	AG				-0.0005		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
285	1886	11			CCB	AL				-0.0086		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
286	1886	11			CCB	AS				0.0063		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
287	1886	11			CCB	B				0.0005		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
288	1886	11			CCB	BA				0.0000		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
289	1886	11			CCB	BE				0.0001		1.0000	07/21/95	10:47	dks	0.005	@ICP-QC
290	1886	11			CCB	BI				-0.0290		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
291	1886	11			CCB	CA				0.0018		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
292	1886	11			CCB	CD				0.0010		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
293	1886	11			CCB	CE				-0.0045		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
294	1886	11			CCB	CO				0.0016		1.0000	07/21/95	10:47	dks	0.02	@ICP-QC
295	1886	11			CCB	CR				0.0004		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
296	1886	11			CCB	CU				-0.0000		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
297	1886	11			CCB	EU				0.0014		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
298	1886	11			CCB	FE				0.0000		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
299	1886	11			CCB	K				-0.2446		1.0000	07/21/95	10:47	dks	0.3	@ICP-QC
300	1886	11			CCB	LA				0.0001		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
301	1886	11			CCB	LI				0.0015		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
302	1886	11			CCB	MG				0.0038		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
303	1886	11			CCB	MN				0.0004		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
304	1886	11			CCB	MO				-0.0029		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
305	1886	11			CCB	NA				0.0099		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
306	1886	11			CCB	ND				0.0016		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
307	1886	11			CCB	NI				0.0012		1.0000	07/21/95	10:47	dks	0.02	@ICP-QC
308	1886	11			CCB	P				-0.0319		1.0000	07/21/95	10:47	dks	0.2	@ICP-QC
309	1886	11			CCB	PB				0.0027		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
310	1886	11			CCB	S				-0.0140		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
311	1886	11			CCB	SB				-0.0100		1.0000	07/21/95	10:47	dks	0.2	@ICP-QC
312	1886	11			CCB	SE				0.0066		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
313	1886	11			CCB	SI				0.0079		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
314	1886	11			CCB	SM				0.0172		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
315	1886	11			CCB	SR				0.0002		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
316	1886	11			CCB	TH				-0.0050		1.0000	07/21/95	10:47	dks	0	@ICP-QC
317	1886	11			CCB	TI				-0.0004		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
318	1886	11			CCB	TL				0.0090		1.0000	07/21/95	10:47	dks	0.2	@ICP-QC
319	1886	11			CCB	U				0.0490		1.0000	07/21/95	10:47	dks	0.4	@ICP-QC
320	1886	11			CCB	V				0.0025		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
321	1886	11			CCB	Y				0.0008		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
322	1886	11			CCB	ZN				-0.0008		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
323	1886	11			CCB	ZR				0.0024		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC

WHC-SD-WM-DP-139, REV. 1

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LABCORE Data Entry Template for Worklist# 1887

Analyst: DK Sato **Instrument:** ICP01 2 **Book#** 43B48B

Method: LA-505-~~151~~ 141 Rev/Mod A-1

Worklist Comment: ICP B-101 DIRECT (Li only)

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	SAMPLE	S95T001233	0	D	@ICP-D03	LIQUID	95000093	B-101
	Analytes Requested: LI-D-01							
6	DUP	S95T001233	0	D	@ICP-D03	LIQUID		
7	SPK	S95T001233	0	D	@ICP-D03	LIQUID		
8	SAMPLE	S95T001248	0	D	@ICP-D03	LIQUID	95000093	B-101
	Analytes Requested: LI-D-01							
9	DUP	S95T001248	0	D	@ICP-D03	LIQUID		
10	SPK	S95T001248	0	D	@ICP-D03	LIQUID		
11	ICSA				@ICP-QC	QC		
12	ICSAB				@ICP-QC	QC		
13	CCV				@ICP-QC	QC		
14	CCB				@ICP-QC	QC		

Final page for worklist # 1887

Dennis L. Sato 07-21-95
Analyst Signature **Date**

Reviewed + Validated by:
Sam M. Parnell 07/24/95
Analyst Signature **Date**

Data Entry Comments:

		% spike Rec.	RPD	Sample (ug/ml)	Dup (ug/ml)
S95T001233	=	107.7	0.729	~~147.1~~ 0.2477	0.2459
S95T001248	=	93.0	0.2218	135.1	135.4

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

07/24/95

LABCORE Data Entry Template for Worklist# ~~1788~~ 1887 8 07/25/95

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
18	ICSA				@ICP-QC	QC		
19	ICSAB				@ICP-QC	QC		
20	CCV				@ICP-QC	QC		
21	CCB				@ICP-QC	QC		

Final page for worklist # ~~1788~~ 1887 8 07/25/95

DK Lato 07-21-95
Analyst Signature Date

Analyst Signature Date

S95T00123~~3~~4_L , .025-10-2-8 ml, DF 2005
S95T00123~~3~~4 .025-10 401
S95T00123~~3~~4_D .025-10 401
S95T00123~~3~~4_a .025-10 401 .025 ml sample + 2ml SST5 + 8 ml 2% HNO_3

S95T00123~~2~~3_L , 2-8 ml, DF 5
S95T00123~~2~~3 direct 1
S95T00123~~2~~3_D direct 1
S95T00123~~2~~3_a 1.25 8ml sample + 2ml SST5

S95T00124~~7~~8_L , .025-10-2-8 ml, DF 2005
S95T00124~~7~~8 .025-10 401
S95T00124~~7~~8_D .025-10 401
S95T00124~~7~~8_a .025-10 401 .025 ml sample + 2ml SST5 + 8 ml 2% HNO_3

8 07/24/95

Data Entry Comments:

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

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Analysis Report Summary Fri 07-21-95 10:51:18 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950721A	ICP2	07/21/95	08:35	DKS	Q	CONC
2	ICB	950721A	ICP2	07/21/95	08:38	DKS	Q	CONC
3	ICSA	950721A	ICP2	07/21/95	08:42	DKS	Q	CONC
4	ICSAB 4	950721A	ICP2	07/21/95	08:45	DKS	Q	CONC
5	S95T001223 L	950721A	ICP2	07/21/95	08:55	DKS	S	CONC
6	S95T001223	950721A	ICP2	07/21/95	09:00	DKS	S	CONC
7	S95T001223 D	950721A	ICP2	07/21/95	09:03	DKS	S	CONC
8	S95T001223 A	950721A	ICP2	07/21/95	09:08	DKS	S	CONC
9	CCV	950721A	ICP2	07/21/95	09:37	DKS	Q	CONC
10	CCB 3	950721A	ICP2	07/21/95	09:41	DKS	Q	CONC
11	S95T001232 L	950721A	ICP2	07/21/95	09:45	DKS	S	CONC
12	S95T001232	950721A	ICP2	07/21/95	09:49	DKS	S	CONC
13	S95T001232 D	950721A	ICP2	07/21/95	09:53	DKS	S	CONC
14	S95T001232 A	950721A	ICP2	07/21/95	10:00	DKS	S	CONC
15	CCV_1	950721A	ICP2	07/21/95	10:05	DKS	Q	CONC
16	CCB_1 8	950721A	ICP2	07/21/95	10:09	DKS	Q	CONC
17	S95T001247 L	950721A	ICP2	07/21/95	10:13	DKS	S	CONC
18	S95T001247	950721A	ICP2	07/21/95	10:17	DKS	S	CONC
19	S95T001247 D	950721A	ICP2	07/21/95	10:21	DKS	S	CONC
20	S95T001247 A	950721A	ICP2	07/21/95	10:25	DKS	S	CONC-
21	ICSA	950721A	ICP2	07/21/95	10:33	DKS	Q	CONC
22	ICSAB	950721A	ICP2	07/21/95	10:36	DKS	Q	CONC
23	CCV_2 8 07/24/95	950721A	ICP2	07/21/95	10:43	DKS	Q	CONC
24	CCB_2	950721A	ICP2	07/21/95	10:47	DKS	Q	CONC

DK Lad
07-21-95

B-101 S95T001223
S95T001232
S95T001247
Worklist # 1788

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 220 TO 224.

WHC-SD-WM-DP-139, REV. 1

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	5.143	4.961	5.160	4.973	4.998	5.202
2	ICB	.0010	.0058	.0146	.0073	.0001	.0002
3	ICSA	.0005	244.7	.0295	.0007	.0017	.0004
4	ICSAB	.9868	243.9	-.0014	-.0005	.4679	.4833
5	S95T001223_L	345.3	-7.503	-9.868	8.783	.6867	.2353
6	S95T001223_	217.6	2.197	-7.833	8.568	1.044	.0424
7	S95T001223_D	235.7	-.6189	-3.165	7.984	1.020	.0422
8	S95T001223_A	560.7	387.5	420.4	397.4	379.0	411.1
9	CCV	4.999	4.928	4.964	4.907	4.931	5.046
10	CCB	.0003	-.0019	.0081	.0009	.0000	-.0000
11	S95T001232_L	-.0136	.0202	.0251	.5746	.0018	.0000
12	S95T001232_	-.0006	.0008	.0032	.5544	.0024	.0001
13	S95T001232_D	.0007	.0012	.0059	.5520	.0024	-.0000
14	S95T001232_A	.6400	1.338	1.301	1.820	1.269	1.316
15	CCV_1	5.054	5.008	5.117	4.992	4.997	5.182
16	CCB_1	-.0011	-.0079	-.0000	.0052	.0000	-.0001
17	S95T001247_L	326.7	56.78	-7.901	17.00	.6800	-.3736
18	S95T001247_	186.4	69.09	-5.942	11.35	.7075	-.0331
19	S95T001247_D	224.6	34.13	.3844	8.135	.5004	.0559
20	S95T001247_A	286.4	436.4	419.1	396.9	374.4	406.6
21	ICSA	.0033	243.1	-.0278	-.0048	.0017	.0001
22	ICSAB	.9847	243.8	-.0398	-.0043	.4591	.4826
23	CCV_2	5.073	4.903	5.100	4.914	4.863	5.156
24	CCB_2	-.0005	-.0086	.0093	.0005	.0000	.0001

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	4.958	5.345	5.172	5.068	5.192	5.219
2	ICB	-.0066	-.0008	.0006	-.0023	-.0003	-.0001
3	ICSA	-.0392	250.6	.0030	.0016	.0016	.0056
4	ICSAB	.0004	249.4	.9568	-.0037	.4696	.4858
5	S95T001223_L	-22.54	3.140	1.730	-30.12	-1.071	345.9
6	S95T001223_	4.084	5.182	.1615	-2.582	1.103	342.1
7	S95T001223_D	-.7794	2.034	.4827	-1.509	1.875	342.0
8	S95T001223_A	391.1	447.6	423.4	386.9	422.8	769.9
9	CCV	4.891	5.004	4.909	5.047	4.948	4.977
10	CCB	-.0104	.0031	.0008	.0031	.0023	-.0003
11	S95T001232_L	.0049	.4660	.0004	-.0154	.0051	-.0010
12	S95T001232_	.0008	.4720	.0009	.0001	.0000	.0038
13	S95T001232_D	-.0201	.4652	.0004	-.0007	-.0003	.0029
14	S95T001232_A	1.249	1.790	1.293	1.313	1.300	1.305
15	CCV_1	4.944	5.103	5.031	5.131	5.066	5.073
16	CCB_1	-.0039	.0034	.0005	.0034	.0013	-.0011
17	S95T001247_L	-18.26	23.28	3.135	5.223	7.175	413.4
18	S95T001247_	1.356	20.85	.3540	5.003	2.157	414.2
19	S95T001247_D	2.982	6.334	.2209	2.940	2.567	416.7
20	S95T001247_A	398.2	427.3	412.2	397.2	411.0	826.5
21	ICSA	-.0349	247.3	.0023	.0126	.0000	.0048
22	ICSAB	-.0186	247.0	.9578	.0048	.4743	.4875
23	CCV_2	4.938	5.288	5.104	5.014	5.124	5.150
24	CCB_2	-.0290	.0018	.0010	-.0045	.0016	.0004

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	4.881	.0058	5.146	4.887	5.010	4.883
2	ICB	.0002	.0010	-.0003	-.0060	-.0003	.0013
3	ICSA	-.0093	-.0386	93.05	-.0346	-.0052	.0031
4	ICSAB	.4722	-.0359	92.17	-.0966	-.0058	.9539
5	S95T001223 L	.1502	3.164	-2.646	188.1	-3.229	151.8
6	S95T001223	1.311	.5621	2.721	449.5	-.6241	147.1
7	S95T001223 D	1.222	.7884	-.0752	450.5	-.1408	144.7
8	S95T001223 A	377.7	1.543	412.9	822.9	385.1	504.3
9	CCV	4.915	.0051	4.956	4.910	4.994	5.101
10	CCB	-.0002	-.0003	.0004	-.1945	.0007	-.0001
11	S95T001232 L	.0011	-.0054	.0706	-1.798	.0017	.2518
12	S95T001232	.0015	-.0001	.0709	-.1267	.0017	.2477
13	S95T001232 D	.0017	-.0001	.0691	.0893	.0018	.2459
14	S95T001232 A	1.297	.0006	1.375	1.284	1.302	1.594
15	CCV 1	4.985	.0052	5.058	4.915	5.075	5.130
16	CCB 1	.0000	-.0006	.0002	-.2259	.0010	-.0005
17	S95T001247 L	18.16	-.1400	64.80	276.8	1.244	142.5
18	S95T001247	14.54	.7371	60.56	414.9	1.030	135.1
19	S95T001247 D	14.63	.5508	34.25	391.5	.4362	135.4
20	S95T001247 A	393.9	1.055	442.1	708.5	387.3	508.1
21	ICSA	-.0105	-.0219	92.39	-.1270	-.0033	.0032
22	ICSAB	.4703	-.0167	92.32	-.2877	-.0042	.9497
23	CCV 2	4.844	.0073	5.067	4.587	4.954	4.866
24	CCB 2	-.0000	.0014	.0000	-.2446	.0001	.0014

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.952	5.076	5.131	4.931	5.147	5.169
2	ICB	-.0071	.0006	-.0003	-.0017	.0009	-.0042
3	ICSA	246.6	-.0049	-.0082	189.4	-.0001	-.0112
4	ICSAB	245.4	.4547	-.0132	190.1	-.0049	.9059
5	S95T001223 L	-18.22	1.682	3.475	195400.	-2.031	6.711
6	S95T001223	-3.199	.3585	3.789	187100.	-.6207	11.97
7	S95T001223 D	-1.865	.3826	4.164	184500.	.4493	12.85
8	S95T001223 A	381.7	402.3	423.8	181400.	393.7	430.1
9	CCV	4.930	4.857	4.923	5.057	5.167	4.904
10	CCB	.0072	-.0002	-.0011	-.0051	.0010	.0075
11	S95T001232 L	.0824	.0112	-.0106	6.481	.0026	.0235
12	S95T001232	.0826	.0131	-.0009	6.455	-.0003	.0082
13	S95T001232 D	.0825	.0124	-.0005	6.432	.0016	.0037
14	S95T001232 A	1.389	1.259	1.280	7.972	1.347	1.310
15	CCV 1	4.992	4.934	5.034	5.090	5.240	4.988
16	CCB 1	-.0016	-.0004	-.0019	-.0065	-.0003	.0051
17	S95T001247 L	40.59	33.63	3.833	201500.	11.57	24.24
18	S95T001247	5.369	34.13	3.881	187000.	2.258	16.09
19	S95T001247 D	10.53	19.96	4.016	187100.	2.831	14.92
20	S95T001247 A	390.1	413.0	413.9	186000.	397.9	424.0
21	ICSA	246.2	-.0055	-.0122	186.2	-.0016	-.0093
22	ICSAB	246.6	.4523	-.0097	188.9	.0007	.9105
23	CCV 2	4.911	4.980	5.064	4.888	5.085	5.083
24	CCB 2	.0038	.0004	-.0029	.0099	.0016	.0012

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.024	5.161	5.063	4.778	5.068	5.038
2	ICB	.0187	.0099	.0083	-.0015	.0336	.0172
3	ICSA	-.0110	.0240	-.0081	-.0151	.0297	.0511
4	ICSAB	.0143	.9780	-.0205	-.0118	-.0085	.0515
5	S95T001223_L	2586.	5.608	7743.	-1.128	-724.6	56.41
6	S95T001223_	2694.	4.412	7818.	-1.416	-716.0	21.09
7	S95T001223_D	2697.	2.635	7810.	-2.645	-707.8	13.71
8	S95T001223_A	3108.	430.1	8218.	391.8	-273.5	419.5
9	CCV	5.040	4.911	4.967	4.679	4.899	4.873
10	CCB	-.0160	.0121	-.0113	.0042	-.0226	-.0010
11	S95T001232_L	.0688	-.0178	.8979	-.0042	-.0540	1.928
12	S95T001232_	.0846	.0001	.9721	.0035	-.0168	1.831
13	S95T001232_D	.1011	-.0008	.9798	.0005	-.0284	1.798
14	S95T001232_A	1.414	1.283	2.270	1.203	1.243	3.225
15	CCV_1	5.117	5.007	5.072	4.758	5.001	4.953
16	CCB_1	-.0070	-.0055	-.0068	.0012	-.0129	.0037
17	S95T001247_L	2080.	62.97	7808.	7.627	-790.2	40.46
18	S95T001247_	1983.	48.61	7840.	2.125	-726.3	36.92
19	S95T001247_D	1971.	35.60	7795.	.4193	-718.9	33.09
20	S95T001247_A	2424.	448.8	8241.	387.2	-297.4	430.0
21	ICSA	-.0340	.0372	-.0130	.0156	.0359	.0487
22	ICSAB	-.0130	1.005	-.0307	.0059	.0156	.0430
23	CCV_2	5.250	5.117	5.099	4.774	5.101	4.962
24	CCB_2	-.0319	.0027	-.0140	-.0100	.0068	.0079

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	5.004	4.955	-.0277	4.900	5.011	9.954
2	ICB	.0111	.0006	-.0059	.0002	.0017	.0490
3	ICSA	-.0034	.0024	-.0199	.0015	.0894	-.1437
4	ICSAB	-.0051	.0024	-.0283	.0009	.0535	-.1253
5	S95T001223_L	33.54	2.208	-17.00	-.3897	5.090	232.8
6	S95T001223_	6.901	.5826	-2.567	-.0777	-2.791	130.9
7	S95T001223_D	9.894	.5818	-3.390	.2779	-.7027	141.2
8	S95T001223_A	394.1	382.1	-4.285	388.1	408.7	902.2
9	CCV	5.022	4.919	-.0023	4.795	4.875	10.01
10	CCB	-.0035	-.0001	.0017	.0000	.0246	-.0290
11	S95T001232_L	-.0458	.0001	-.0051	.0020	-.1958	2.612
12	S95T001232_	.0029	.0012	-.0063	.0015	-.0221	2.694
13	S95T001232_D	.0023	.0012	-.0069	.0017	.0030	2.667
14	S95T001232_A	1.289	1.281	-.0070	1.246	1.285	5.469
15	CCV_1	5.102	5.003	-.0045	4.891	4.909	10.15
16	CCB_1	-.0061	-.0001	.0008	-.0002	.0320	-.0314
17	S95T001247_L	-1.315	.3997	1.982	1.265	10.62	24.97
18	S95T001247_	8.275	.6367	-1.113	.4345	-5.402	78.91
19	S95T001247_D	6.477	.2995	.5177	.5163	5.478	72.46
20	S95T001247_A	390.1	381.3	-.0235	384.4	388.9	831.8
21	ICSA	.0008	.0016	-.0142	.0006	.0728	-.0984
22	ICSAB	-.0064	.0017	-.0186	.0010	.0439	-.1229
23	CCV_2	4.967	4.889	-.0027	4.839	4.945	9.856
24	CCB_2	.0172	.0002	-.0050	-.0004	.0090	.0490

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.059	.0131	5.142	5.003
2	ICB	.0035	.0005	.0003	.0022
3	ICSA	.0014	.0078	-.0041	.0001
4	ICSAB	.4683	.0077	.9692	.0007
5	S95T001223_L	9.736	2.043	10.75	15.81
6	S95T001223	2.438	.4086	9.091	9.383
7	S95T001223_D	3.072	.5657	9.217	9.435
8	S95T001223_A	410.4	1.886	434.9	400.5
9	CCV	4.900	.0121	4.913	4.889
10	CCB	-.0022	-.0005	-.0009	-.0007
11	S95T001232_L	-.0150	-.0024	.0734	-.0049
12	S95T001232	-.0004	.0011	.0644	.0009
13	S95T001232_D	-.0005	.0010	.0646	.0010
14	S95T001232_A	1.269	.0040	1.383	1.260
15	CCV_1	4.998	.0125	4.998	4.981
16	CCB_1	-.0022	-.0005	-.0017	-.0006
17	S95T001247_L	-1.791	.0000	15.87	14.51
18	S95T001247	1.693	.5343	15.69	11.41
19	S95T001247_D	1.226	.3143	13.13	11.17
20	S95T001247_A	401.4	1.414	426.5	405.0
21	ICSA	.0004	.0079	-.0040	-.0003
22	ICSAB	.4698	.0076	.9724	-.0007
23	CCV_2	5.013	.0135	5.083	4.937
24	CCB_2	.0025	.0008	-.0008	.0024

DK Lato
07-21-95

WHC-SD-WM-DP-139, REV. 1

ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	1887	1			ICV	AG				5.1429		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
2	1887	1			ICV	AL				4.9606		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
3	1887	1			ICV	AS				5.1596		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
4	1887	1			ICV	B				4.9733		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
5	1887	1			ICV	BA				4.9978		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
6	1887	1			ICV	BE				5.2022		1.0000	07/21/95	08:35	dks	0.005	@ICP-QC
7	1887	1			ICV	BI				4.9579		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
8	1887	1			ICV	CA				5.3453		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
[illegible]	1887	1			ICV	CD				5.1723		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
[illegible]	1887	1			ICV	CE				5.0683		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
[illegible]	1887	1			ICV	CO				5.1924		1.0000	07/21/95	08:35	dks	0.02	@ICP-QC
12	1887	1			ICV	CR				5.2194		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
13	1887	1			ICV	CU				4.8810		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
14	1887	1			ICV	EU				0.0058		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
15	1887	1			ICV	FE				5.1463		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
16	1887	1			ICV	K				4.8870		1.0000	07/21/95	08:35	dks	0.3	@ICP-QC
17	1887	1			ICV	LA				5.0095		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
18	1887	1			ICV	LI				4.8834		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
19	1887	1			ICV	MG				4.9518		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
20	1887	1			ICV	MN				5.0759		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
21	1887	1			ICV	MO				5.1306		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
22	1887	1			ICV	NA				4.9309		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
23	1887	1			ICV	ND				5.1473		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
24	1887	1			ICV	NI				5.1688		1.0000	07/21/95	08:35	dks	0.02	@ICP-QC
25	1887	1			ICV	P				5.0238		1.0000	07/21/95	08:35	dks	0.2	@ICP-QC
26	1887	1			ICV	PB				5.1613		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
27	1887	1			ICV	S				5.0626		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
28	1887	1			ICV	SB				4.7779		1.0000	07/21/95	08:35	dks	0.2	@ICP-QC
29	1887	1			ICV	SE				5.0684		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
30	1887	1			ICV	SI				5.0384		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
31	1887	1			ICV	SM				5.0039		1.0000	07/21/95	08:35	dks	0.1	@ICP-QC
32	1887	1			ICV	SR				4.9554		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
33	1887	1			ICV	TH				-0.0277		1.0000	07/21/95	08:35	dks	0	@ICP-QC
34	1887	1			ICV	TI				4.8998		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
35	1887	1			ICV	TL				5.0106		1.0000	07/21/95	08:35	dks	0.2	@ICP-QC
36	1887	1			ICV	U				9.9542		1.0000	07/21/95	08:35	dks	0.4	@ICP-QC
37	1887	1			ICV	V				5.0590		1.0000	07/21/95	08:35	dks	0.05	@ICP-QC
38	1887	1			ICV	Y				0.0131		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
39	1887	1			ICV	ZN				5.1418		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
40	1887	1			ICV	ZR				5.0026		1.0000	07/21/95	08:35	dks	0.01	@ICP-QC
41	1887	2			ICB	AG				0.0010		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
42	1887	2			ICB	AL				0.0058		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
43	1887	2			ICB	AS				0.0146		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
44	1887	2			ICB	B				0.0073		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
45	1887	2			ICB	BA				0.0001		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
46	1887	2			ICB	BE				0.0002		1.0000	07/21/95	08:38	dks	0.005	@ICP-QC
47	1887	2			ICB	BI				-0.0066		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
48	1887	2			ICB	CA				-0.0008		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
49	1887	2			ICB	CD				0.0006		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
50	1887	2			ICB	CE				-0.0023		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
51	1887	2			ICB	CO				-0.0003		1.0000	07/21/95	08:38	dks	0.02	@ICP-QC
52	1887	2			ICB	CR				-0.0001		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
53	1887	2			ICB	CU				0.0002		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
54	1887	2			ICB	EU				0.0010		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
55	1887	2			ICB	FE				-0.0003		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
56	1887	2			ICB	K				-0.0060		1.0000	07/21/95	08:38	dks	0.3	@ICP-QC
57	1887	2			ICB	LA				-0.0003		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
58	1887	2			ICB	LI				0.0013		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
59	1887	2			ICB	MG				-0.0071		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
[illegible]	1887	2			ICB	MN				0.0006		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
[illegible]	1887	2			ICB	MO				-0.0003		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
[illegible]	1887	2			ICB	NA				-0.0017		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
63	1887	2			ICB	ND				0.0009		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
64	1887	2			ICB	NI				-0.0042		1.0000	07/21/95	08:38	dks	0.02	@ICP-QC
65	1887	2			ICB	P				0.0187		1.0000	07/21/95	08:38	dks	0.2	@ICP-QC
66	1887	2			ICB	PB				0.0069		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
67	1887	2			ICB	S				0.0083		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
68	1887	2			ICB	SB				-0.0015		1.0000	07/21/95	08:38	dks	0.2	@ICP-QC
69	1887	2			ICB	SE				0.0336		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
70	1887	2			ICB	SI				0.0172		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
71	1887	2			ICB	SM				0.0111		1.0000	07/21/95	08:38	dks	0.1	@ICP-QC
72	1887	2			ICB	SR				0.0006		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
73	1887	2			ICB	TH				-0.0059		1.0000	07/21/95	08:38	dks	0	@ICP-QC
74	1887	2			ICB	TI				0.0002		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
75	1887	2			ICB	TL				0.0017		1.0000	07/21/95	08:38	dks	0.2	@ICP-QC
76	1887	2			ICB	U				0.0490		1.0000	07/21/95	08:38	dks	0.4	@ICP-QC
77	1887	2			ICB	V				0.0035		1.0000	07/21/95	08:38	dks	0.05	@ICP-QC
78	1887	2			ICB	Y				0.0005		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
79	1887	2			ICB	ZN				0.0003		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
80	1887	2			ICB	ZR				0.0022		1.0000	07/21/95	08:38	dks	0.01	@ICP-QC
81	1887	3			ICSA	AG				0.0005		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
82	1887	3			ICSA	AL				244.7366		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
83	1887	3			ICSA	AS				0.0295		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
84	1887	3			ICSA	B				0.0007		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
85	1887	3			ICSA	BA				0.0017		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
86	1887	3			ICSA	BE				0.0004		1.0000	07/21/95	08:42	dks	0.005	@ICP-QC
87	1887	3			ICSA	BI				-0.0392		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
88	1887	3			ICSA	CA				250.6092		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
89	1887	3			ICSA	CD				0.0030		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
90	1887	3			ICSA	CE				0.0016		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
91	1887	3			ICSA	CO				0.0016		1.0000	07/21/95	08:42	dks	0.02	@ICP-QC
92	1887	3			ICSA	CR				0.0057		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
93	1887	3			ICSA	CU				-0.0093		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
94	1887	3			ICSA	EU				-0.0386		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
95	1887	3			ICSA	FE				93.0515		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
96	1887	3			ICSA	K				-0.0346		1.0000	07/21/95	08:42	dks	0.3	@ICP-QC
97	1887	3			ICSA	LA				-0.0052		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
98	1887	3			ICSA	LI				0.0031		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
99	1887	3			ICSA	MG				246.5977		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
100	1887	3			ICSA	MN				-0.0049		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
101	1887	3			ICSA	MO				-0.0082		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
102	1887	3			ICSA	NA				189.3580		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
103	1887	3			ICSA	ND				-0.0001		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
104	1887	3			ICSA	NI				-0.0112		1.0000	07/21/95	08:42	dks	0.02	@ICP-QC
105	1887	3			ICSA	P				-0.0110		1.0000	07/21/95	08:42	dks	0.2	@ICP-QC
106	1887	3			ICSA	PB				0.0240		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
107	1887	3			ICSA	S				-0.0082		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
108	1887	3			ICSA	SB				-0.0151		1.0000	07/21/95	08:42	dks	0.2	@ICP-QC
109	1887	3			ICSA	SE				0.0297		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
110	1887	3			ICSA	SI				0.0511		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
[illegible]	1887	3			ICSA	SM				-0.0034		1.0000	07/21/95	08:42	dks	0.1	@ICP-QC
[illegible]	1887	3			ICSA	SR				0.0024		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
[illegible]	1887	3			ICSA	TH				-0.0199		1.0000	07/21/95	08:42	dks	0	@ICP-QC
[illegible]	1887	3			ICSA	TI				0.0015		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
115	1887	3			ICSA	TL				0.0894		1.0000	07/21/95	08:42	dks	0.2	@ICP-QC
116	1887	3			ICSA	U				-0.1437		1.0000	07/21/95	08:42	dks	0.4	@ICP-QC
117	1887	3			ICSA	V				0.0014		1.0000	07/21/95	08:42	dks	0.05	@ICP-QC
118	1887	3			ICSA	Y				0.0078		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
119	1887	3			ICSA	ZN				-0.0041		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
120	1887	3			ICSA	ZR				0.0001		1.0000	07/21/95	08:42	dks	0.01	@ICP-QC
121	1887	4			ICSAB	AG				0.9868		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
122	1887	4			ICSAB	AL				243.9314		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC

WHC-SD-WM-DP-132, REV. 1

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
123	1887	4			ICSAB	AS				-0.0014		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
124	1887	4			ICSAB	B				-0.0005		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
125	1887	4			ICSAB	BA				0.4679		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
126	1887	4			ICSAB	BE				0.4833		1.0000	07/21/95	08:45	dks	0.005	@ICP-QC
127	1887	4			ICSAB	BI				0.0004		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
128	1887	4			ICSAB	CA				249.3521		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
129	1887	4			ICSAB	CD				0.9566		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
130	1887	4			ICSAB	CE				-0.0037		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
131	1887	4			ICSAB	CO				0.4696		1.0000	07/21/95	08:45	dks	0.02	@ICP-QC
132	1887	4			ICSAB	CR				0.4858		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
133	1887	4			ICSAB	CU				0.4722		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
134	1887	4			ICSAB	EU				-0.0359		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
135	1887	4			ICSAB	FE				92.1717		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
136	1887	4			ICSAB	K				-0.0966		1.0000	07/21/95	08:45	dks	0.3	@ICP-QC
137	1887	4			ICSAB	LA				-0.0058		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
138	1887	4			ICSAB	LI				0.9539		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
139	1887	4			ICSAB	MG				245.4030		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
140	1887	4			ICSAB	MN				0.4547		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
141	1887	4			ICSAB	MO				-0.0132		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
142	1887	4			ICSAB	NA				190.0575		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
143	1887	4			ICSAB	ND				-0.0049		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
144	1887	4			ICSAB	NI				0.9059		1.0000	07/21/95	08:45	dks	0.02	@ICP-QC
145	1887	4			ICSAB	P				0.0143		1.0000	07/21/95	08:45	dks	0.2	@ICP-QC
146	1887	4			ICSAB	PB				0.9780		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
147	1887	4			ICSAB	S				-0.0205		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
148	1887	4			ICSAB	SB				-0.0116		1.0000	07/21/95	08:45	dks	0.2	@ICP-QC
149	1887	4			ICSAB	SE				-0.0065		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
150	1887	4			ICSAB	SI				0.0515		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
151	1887	4			ICSAB	SM				-0.0051		1.0000	07/21/95	08:45	dks	0.1	@ICP-QC
152	1887	4			ICSAB	SR				0.0024		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
153	1887	4			ICSAB	TH				-0.0283		1.0000	07/21/95	08:45	dks	0	@ICP-QC
154	1887	4			ICSAB	TI				0.0009		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
155	1887	4			ICSAB	TL				0.0535		1.0000	07/21/95	08:45	dks	0.2	@ICP-QC
156	1887	4			ICSAB	U				-0.1253		1.0000	07/21/95	08:45	dks	0.4	@ICP-QC
157	1887	4			ICSAB	V				0.4683		1.0000	07/21/95	08:45	dks	0.05	@ICP-QC
158	1887	4			ICSAB	Y				0.0077		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
159	1887	4			ICSAB	ZN				0.9692		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
160	1887	4			ICSAB	ZR				0.0007		1.0000	07/21/95	08:45	dks	0.01	@ICP-QC
161	1887	5	S95T001233			LI-F-01				0.2477		1.0000	07/21/95	09:49	dks	0.01	@ICP-F0
162	1887	6	S95T001233		DUP	LI-F-01		0.2477		0.2459		1.0000	07/21/95	09:53	dks	0.01	@ICP-F0
163	1887	7	S95T001233_A		SPK	LI-F-01		1.25		1.3463		1.2500	07/21/95	10:00	dks	0.01	@ICP-F0
164	1887	8	S95T001248			LI-F-01				135.0728		401.0000	07/21/95	10:17	dks	0.01	@ICP-F0
165	1887	9	S95T001248		DUP	LI-F-01		135.0728		135.3654		401.0000	07/21/95	10:21	dks	0.01	@ICP-F0
166	1887	10	S95T001248_A		SPK	LI-F-01		401.0		373.0598		401.0000	07/21/95	10:25	dks	0.01	@ICP-F0
167	1887	11				ICSA	AG			0.0033		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
168	1887	11				ICSA	AL			243.1116		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
169	1887	11				ICSA	AS			-0.0278		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
170	1887	11				ICSA	B			-0.0048		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
171	1887	11				ICSA	BA			0.0017		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
172	1887	11				ICSA	BE			0.0002		1.0000	07/21/95	10:33	dks	0.005	@ICP-QC
173	1887	11				ICSA	BI			-0.0349		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
174	1887	11				ICSA	CA			247.3078		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
175	1887	11				ICSA	CD			0.0023		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
176	1887	11				ICSA	CE			0.0126		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
177	1887	11				ICSA	CO			0.0000		1.0000	07/21/95	10:33	dks	0.02	@ICP-QC
178	1887	11				ICSA	CR			0.0048		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
179	1887	11				ICSA	CU			-0.0105		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
180	1887	11				ICSA	EU			-0.0219		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
181	1887	11				ICSA	FE			92.3671		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
182	1887	11				ICSA	K			-0.1270		1.0000	07/21/95	10:33	dks	0.3	@ICP-QC
183	1887	11				ICSA	LA			-0.0033		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
184	1887	11				ICSA	LI			0.0032		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
185	1887	11				ICSA	MG			246.2134		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
186	1887	11				ICSA	MN			-0.0055		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
187	1887	11				ICSA	MO			-0.0122		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
188	1887	11				ICSA	NA			186.1940		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
189	1887	11				ICSA	ND			-0.0016		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
190	1887	11				ICSA	NI			-0.0093		1.0000	07/21/95	10:33	dks	0.02	@ICP-QC
191	1887	11				ICSA	P			-0.0340		1.0000	07/21/95	10:33	dks	0.2	@ICP-QC
192	1887	11				ICSA	PB			0.0372		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
193	1887	11				ICSA	S			-0.0130		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
194	1887	11				ICSA	SB			0.0156		1.0000	07/21/95	10:33	dks	0.2	@ICP-QC
195	1887	11				ICSA	SE			0.0359		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
196	1887	11				ICSA	SI			0.0487		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
197	1887	11				ICSA	SM			0.0006		1.0000	07/21/95	10:33	dks	0.1	@ICP-QC
198	1887	11				ICSA	SR			0.0016		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
199	1887	11				ICSA	TH			-0.0142		1.0000	07/21/95	10:33	dks	0	@ICP-QC
200	1887	11				ICSA	TI			0.0006		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
201	1887	11				ICSA	TL			0.0728		1.0000	07/21/95	10:33	dks	0.2	@ICP-QC
202	1887	11				ICSA	U			-0.0984		1.0000	07/21/95	10:33	dks	0.4	@ICP-QC
203	1887	11				ICSA	V			0.0004		1.0000	07/21/95	10:33	dks	0.05	@ICP-QC
204	1887	11				ICSA	Y			0.0079		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
205	1887	11				ICSA	ZN			-0.0040		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
206	1887	11				ICSA	ZR			-0.0003		1.0000	07/21/95	10:33	dks	0.01	@ICP-QC
207	1887	12				ICSAB	AG			0.9847		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
208	1887	12				ICSAB	AL			243.7960		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
209	1887	12				ICSAB	AS			-0.0398		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
210	1887	12				ICSAB	B			-0.0043		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
211	1887	12				ICSAB	BA			0.4591		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
212	1887	12				ICSAB	BE			0.4826		1.0000	07/21/95	10:36	dks	0.005	@ICP-QC
213	1887	12				ICSAB	BI			-0.0186		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
214	1887	12				ICSAB	CA			248.9705		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
215	1887	12				ICSAB	CD			0.9578		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
216	1887	12				ICSAB	CE			0.0048		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
217	1887	12				ICSAB	CO			0.4743		1.0000	07/21/95	10:36	dks	0.02	@ICP-QC
218	1887	12				ICSAB	CR			0.4875		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
219	1887	12				ICSAB	CU			0.4703		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
220	1887	12				ICSAB	EU			-0.0167		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
221	1887	12				ICSAB	FE			92.3182		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
222	1887	12				ICSAB	K			-0.2877		1.0000	07/21/95	10:36	dks	0.3	@ICP-QC
223	1887	12				ICSAB	LA			-0.0042		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
224	1887	12				ICSAB	LI			0.9497		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
225	1887	12				ICSAB	MG			246.5524		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
226	1887	12				ICSAB	MN			0.4523		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
227	1887	12				ICSAB	MO			-0.0097		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
228	1887	12				ICSAB	NA			188.9187		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
229	1887	12				ICSAB	ND			0.0007		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
230	1887	12				ICSAB	NI			0.9105		1.0000	07/21/95	10:36	dks	0.02	@ICP-QC
231	1887	12				ICSAB	P			-0.0130		1.0000	07/21/95	10:36	dks	0.2	@ICP-QC
232	1887	12				ICSAB	PB			1.0048		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
233	1887	12				ICSAB	S			-0.0307		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
234	1887	12				ICSAB	SB			0.0059		1.0000	07/21/95	10:36	dks	0.2	@ICP-QC
235	1887	12				ICSAB	SE			0.0156		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
236	1887	12				ICSAB	SI			0.0430		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
237	1887	12				ICSAB	SM			-0.0064		1.0000	07/21/95	10:36	dks	0.1	@ICP-QC
238	1887	12				ICSAB	SR			0.0017		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
239	1887	12				ICSAB	TH			-0.0186		1.0000	07/21/95	10:36	dks	0	@ICP-QC
240	1887	12				ICSAB	TI			0.0010		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
241	1887	12				ICSAB	TL			0.0439		1.0000	07/21/95	10:36	dks	0.2	@ICP-QC
242	1887	12				ICSAB	U			-0.1229		1.0000	07/21/95	10:36	dks	0.4	@ICP-QC
243	1887	12				ICSAB	V			0.4698		1.0000	07/21/95	10:36	dks	0.05	@ICP-QC
244	1887	12				ICSAB	Y			0.0076		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC

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OUTPUT	A	C	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
245	1887	12			ICSAB	ZN				0.9724		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
246	1887	12			ICSAB	ZR				-0.0007		1.0000	07/21/95	10:36	dks	0.01	@ICP-QC
247	1887	13			CCV	AG				5.0732		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
248	1887	13			CCV	AL				4.9035		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
249	1887	13			CCV	AS				5.0999		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
250	1887	13			CCV	B				4.9136		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
251	1887	13			CCV	BA				4.8634		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
252	1887	13			CCV	BE				5.1556		1.0000	07/21/95	10:43	dks	0.005	@ICP-QC
[illegible]	1887	13			CCV	BI				4.9379		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
[illegible]	1887	13			CCV	CA				5.2880		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
[illegible]	1887	13			CCV	CD				5.1040		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
256	1887	13			CCV	CE				5.0140		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
257	1887	13			CCV	CO				5.1239		1.0000	07/21/95	10:43	dks	0.02	@ICP-QC
258	1887	13			CCV	CR				5.1497		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
259	1887	13			CCV	CU				4.8436		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
260	1887	13			CCV	EU				0.0073		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
261	1887	13			CCV	FE				5.0673		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
262	1887	13			CCV	K				4.5871		1.0000	07/21/95	10:43	dks	0.3	@ICP-QC
263	1887	13			CCV	LA				4.9536		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
264	1887	13			CCV	LI				4.8657		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
265	1887	13			CCV	MG				4.9114		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
266	1887	13			CCV	MN				4.9796		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
267	1887	13			CCV	MO				5.0644		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
268	1887	13			CCV	NA				4.8382		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
269	1887	13			CCV	ND				5.0850		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
270	1887	13			CCV	NI				5.0831		1.0000	07/21/95	10:43	dks	0.02	@ICP-QC
271	1887	13			CCV	P				5.2497		1.0000	07/21/95	10:43	dks	0.2	@ICP-QC
272	1887	13			CCV	PB				5.1173		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
273	1887	13			CCV	S				5.0990		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
274	1887	13			CCV	SB				4.7738		1.0000	07/21/95	10:43	dks	0.2	@ICP-QC
275	1887	13			CCV	SE				5.1005		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
276	1887	13			CCV	SI				4.9622		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
277	1887	13			CCV	SM				4.9669		1.0000	07/21/95	10:43	dks	0.1	@ICP-QC
278	1887	13			CCV	SR				4.8895		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
279	1887	13			CCV	TH				-0.0027		1.0000	07/21/95	10:43	dks	0	@ICP-QC
280	1887	13			CCV	TI				4.8391		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
281	1887	13			CCV	TL				4.9453		1.0000	07/21/95	10:43	dks	0.2	@ICP-QC
282	1887	13			CCV	U				9.8560		1.0000	07/21/95	10:43	dks	0.4	@ICP-QC
283	1887	13			CCV	V				5.0134		1.0000	07/21/95	10:43	dks	0.05	@ICP-QC
284	1887	13			CCV	Y				0.0135		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
285	1887	13			CCV	ZN				5.0829		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
286	1887	13			CCV	ZR				4.9371		1.0000	07/21/95	10:43	dks	0.01	@ICP-QC
287	1887	14			CCB	AG				-0.0005		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
288	1887	14			CCB	AL				-0.0086		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
289	1887	14			CCB	AS				0.0093		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
290	1887	14			CCB	B				0.0005		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
291	1887	14			CCB	BA				0.0000		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
292	1887	14			CCB	BE				0.0001		1.0000	07/21/95	10:47	dks	0.005	@ICP-QC
293	1887	14			CCB	BI				-0.0290		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
294	1887	14			CCB	CA				0.0018		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
295	1887	14			CCB	CD				0.0010		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
296	1887	14			CCB	CE				-0.0045		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
297	1887	14			CCB	CO				0.0016		1.0000	07/21/95	10:47	dks	0.02	@ICP-QC
298	1887	14			CCB	CR				0.0004		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
299	1887	14			CCB	CU				-0.0000		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
300	1887	14			CCB	EU				0.0014		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
301	1887	14			CCB	FE				0.0000		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
302	1887	14			CCB	K				-0.2446		1.0000	07/21/95	10:47	dks	0.3	@ICP-QC
303	1887	14			CCB	LA				0.0001		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
[illegible]	1887	14			CCB	LI				0.0015		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
[illegible]	1887	14			CCB	MG				0.0038		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
[illegible]	1887	14			CCB	MN				0.0004		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
307	1887	14			CCB	MO				-0.0029		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
308	1887	14			CCB	NA				0.0099		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
309	1887	14			CCB	ND				0.0016		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
310	1887	14			CCB	NI				0.0012		1.0000	07/21/95	10:47	dks	0.02	@ICP-QC
311	1887	14			CCB	P				-0.0319		1.0000	07/21/95	10:47	dks	0.2	@ICP-QC
312	1887	14			CCB	PB				0.0027		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
313	1887	14			CCB	S				-0.0140		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
314	1887	14			CCB	SB				-0.0100		1.0000	07/21/95	10:47	dks	0.2	@ICP-QC
315	1887	14			CCB	SE				0.0068		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
316	1887	14			CCB	SI				0.0079		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
317	1887	14			CCB	SM				0.0172		1.0000	07/21/95	10:47	dks	0.1	@ICP-QC
318	1887	14			CCB	SR				0.0002		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
319	1887	14			CCB	TH				-0.0050		1.0000	07/21/95	10:47	dks	0	@ICP-QC
320	1887	14			CCB	TI				-0.0004		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
321	1887	14			CCB	TL				0.0090		1.0000	07/21/95	10:47	dks	0.2	@ICP-QC
322	1887	14			CCB	U				0.0490		1.0000	07/21/95	10:47	dks	0.4	@ICP-QC
323	1887	14			CCB	V				0.0025		1.0000	07/21/95	10:47	dks	0.05	@ICP-QC
324	1887	14			CCB	Y				0.0008		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
325	1887	14			CCB	ZN				-0.0008		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC
326	1887	14			CCB	ZR				0.0024		1.0000	07/21/95	10:47	dks	0.01	@ICP-QC

WHC-SD-WM-DP-139, REV.1

LABCORE Data Entry Template for Worklist# 1848

Analyst: JK Soto **Instrument:** ICP012 **Book#** 43848B

Method: LA-505-~~151~~161 Rev/Mod G-1

Worklist Comment: ICP B-101 FUSION (Li only)

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	PREPBLKTJA				@ICP-F03	SOLID		
6	SAMPLE	S95T001215	0	F	@ICP-F03	SOLID	95000091	B-101
	Analytes Requested: LI-F-01							
7	DUP	S95T001215	0	F	@ICP-F03	SOLID		
8	SPK	S95T001215	0	F	@ICP-F03	SOLID		
9	CCV				@ICP-QC	QC		
10	CCB				@ICP-QC	QC		
11	SAMPLE	S95T001218	0	F	@ICP-F03	SOLID	95000091	B-101
	Analytes Requested: LI-F-01							
12	DUP	S95T001218	0	F	@ICP-F03	SOLID		
13	SPK	S95T001218	0	F	@ICP-F03	SOLID		
14	ICSA				@ICP-QC	QC		
15	ICSAB				@ICP-QC	QC		
16	CCV				@ICP-QC	QC		
17	CCB				@ICP-QC	QC		

Data Entry Comments:

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

LABCORE Data Entry Template for Worklist# 1848

S Type	Sample#	R	A	Test	Matrix	Group#	Project

Final page for worklist # 1848

JK Lab 07-21-95
Analyst Signature Date

Reviewed and Validated by:
Saul M. Perez 07/24/95
Analyst Signature Date

Prep blk TJA 1-9 ml

595T001215_L, .5504 g → 250 ml, 1-9-2-8, (250x50)/.5504 = 22711
595T001215 .5504 g → 250 1-9 (250x10)/.5504 = 4542
595T001215_D .5402 g → 250 1-9 (250x10)/.5402 = 4628
595T001215_a .5504 g → 250 1-9 (250x10)/.5504 = 4542, 1 ml sample + 2 ml SSTS + 7 ml HNO_3

595T001218_L, .5321 g → 250, 1-9-2-8, (250x50)/.5321 = 23492
595T001218 .5321 g → 250 1-9 (250x10)/.5321 = 4698
595T001218_D .5358 g → 250 1-9 (250x10)/.5358 = 4666
T001218_a .5321 g → 250 1-9 (250x10)/.5321 = 4698, 1 ml sample + 2 ml SSTS + 7 ml HNO_3

Data Entry Comments:

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

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950721B	ICP2	07/21/95	13:42	DKS	Q	CONC
2	ICB	950721B	ICP2	07/21/95	13:45	DKS	Q	CONC
3	ICSA	950721B	ICP2	07/21/95	13:51	DKS	Q	CONC
4	ICSAB	950721B	ICP2	07/21/95	13:54	DKS	Q	CONC
5	PREPBLKTJA	950721B	ICP2	07/21/95	14:00	DKS	S	CONC
6	S95T001215_L	950721B	ICP2	07/21/95	14:05	DKS	S	CONC
7	S95T001215	950721B	ICP2	07/21/95	14:08	DKS	S	CONC
8	S95T001215_D	950721B	ICP2	07/21/95	14:12	DKS	S	CONC
9	S95T001215_A	950721B	ICP2	07/21/95	14:16	DKS	S	CONC
10	CCV	950721B	ICP2	07/21/95	14:35	DKS	Q	CONC
11	CCB	950721B	ICP2	07/21/95	14:38	DKS	Q	CONC
12	S95T001218_L	950721B	ICP2	07/21/95	14:42	DKS	S	CONC
13	S95T001218	950721B	ICP2	07/21/95	14:45	DKS	S	CONC
14	S95T001218_D	950721B	ICP2	07/21/95	14:49	DKS	S	CONC
15	S95T001218_A	950721B	ICP2	07/21/95	14:53	DKS	S	CONC
16	ICSA	950721B	ICP2	07/21/95	15:02	DKS	Q	CONC
17	ICSAB	950721B	ICP2	07/21/95	15:05	DKS	Q	CONC
18	CCV_1	950721B	ICP2	07/21/95	15:10	DKS	Q	CONC
19	CCB_1	950721B	ICP2	07/21/95	15:13	DKS	Q	CONC

DK Lgd
07-21-95
B-101 595T001215
595T001218

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 230 TO 233.

WHC-SD-WM-DP-139, REV. 1

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.984	4.946	5.051	4.932	4.952	5.073
2	ICB	.0022	.0042	.0029	.0028	.0003	.0002
3	ICSA	-.0002	243.4	-.0928	-.0035	.0016	.0001
4	ICSAB	.9660	245.0	-.0772	-.0008	.4680	.4714
5	PREPBLKTJA	.0238	.2307	-.1387	-.0007	.0208	-.0009
6	S95T001215_L	510.9	32360.	-682.5	-73.52	678.2	-1.767
7	S95T001215_	519.4	32480.	-200.1	40.55	666.4	1.051
8	S95T001215_D	630.6	32960.	-195.0	5.858	671.8	1.113
9	S95T001215_A	4861.	37540.	4940.	4539.	4961.	4891.
10	CCV	4.850	4.907	4.999	4.953	4.910	5.074
11	CCB	-.0020	-.0073	-.0107	.0050	-.0001	-.0001
12	S95T001218_L	344.9	21180.	-286.5	156.9	225.6	-2.335
13	S95T001218_	348.8	20840.	-194.7	16.74	220.1	-.1357
14	S95T001218_D	346.0	19790.	-318.3	26.60	209.2	-.7344
15	S95T001218_A	4087.	24590.	4324.	4289.	4365.	4456.
16	ICSA	-.0016	241.4	-.1447	-.0069	.0016	-.0000
17	ICSAB	.9308	237.8	-.1364	-.0034	.4493	.4672
18	CCV_1	4.802	4.793	4.920	4.826	4.759	4.990
19	CCB_1	-.0002	-.0040	.0022	.0005	.0001	-.0001

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	4.966	5.023	4.953	5.053	4.989	4.999
2	ICB	.0310	.0017	.0011	.0038	.0038	.0008
3	ICSA	.0127	231.6	.0016	.0036	.0021	.0052
4	ICSAB	.0161	234.3	.9168	-.0001	.4538	.4661
5	PREPBLKTJA	.3920	.2507	.0250	.1157	.0611	.0235
6	S95T001215_L	520.3	1130.	114.3	1208.	30.19	3047.
7	S95T001215_	184.7	1045.	103.0	1346.	43.59	3073.
8	S95T001215_D	227.8	934.2	97.41	1050.	42.11	3190.
9	S95T001215_A	4826.	6251.	5201.	5804.	5038.	8227.
10	CCV	4.908	5.020	4.982	5.023	5.038	5.018
11	CCB	-.0238	.0002	.0000	-.0074	-.0008	-.0000
12	S95T001218_L	76.88	2122.	118.3	543.2	13.98	893.7
13	S95T001218_	1.793	2078.	110.6	461.0	21.13	900.5
14	S95T001218_D	-18.67	2020.	94.73	305.5	26.80	853.0
15	S95T001218_A	4419.	6457.	4611.	4626.	4537.	5387.
16	ICSA	-.0219	233.7	-.0019	.0082	-.0009	.0058
17	ICSAB	-.0423	234.9	.9279	.0126	.4613	.4728
18	CCV_1	4.873	5.036	4.953	4.864	4.992	4.983
19	CCB_1	.0155	.0001	-.0004	-.0013	-.0010	-.0005

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	4.923	.0038	4.983	5.070	5.000	5.044
2	ICB	.0000	-.0010	.0011	.1233	.0015	-.0004
3	ICSA	-.0110	.0040	89.04	.0125	-.0042	.0016
4	ICSAB	.4762	.0022	89.93	.0446	-.0042	1.002
5	PREPBLKTJA	-.0765	.0174	.3464	17230.	.0206	.0161
6	S95T001215_L	210.1	75.11	92170.	7376e3	732.2	84.52
7	S95T001215_	200.7	18.21	92180.	7273e3	756.2	21.47

D.F 10

#	Sample Name	Cu	Eu	Fe	K	La	Li
8	S95T001215_D	195.2	19.93	93140.	6322e3	744.3	23.74
9	S95T001215_A	4539.	28.14	101000.	7374e3	5194.	4112.
10	CCV	4.940	.0071	5.019	4.678	4.996	5.012
11	CCB	-.0009	.0004	.0000	-.2100	-.0006	.0001
12	S95T001218_L	91.81	26.88	22560.	6653e3	187.5	17.75
13	S95T001218	93.89	23.18	22660.	6460e3	186.9	16.22
14	S95T001218_D	93.33	16.73	21090.	6248e3	154.2	12.08
15	S95T001218_A	4368.	25.02	26320.	6318e3	4475.	4263.
16	ICSA	-.0124	.0239	90.95	-.0493	-.0049	.0032
17	ICSAB	.4574	.0226	90.52	-.0114	-.0045	.9458
18	CCV_1	4.809	.0084	4.950	4.630	4.860	4.813
19	CCB_1	-.0007	.0022	-.0001	.0629	-.0001	.0017

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.912	4.885	4.961	4.997	5.183	4.926
2	ICB	-.0031	-.0002	.0013	-.0066	.0020	-.0008
3	ICSA	245.5	-.0073	-.0064	194.5	.0044	-.0153
4	ICSAB	247.1	.4359	-.0115	196.9	.0032	.8819
5	PREPBLKTJA	.3929	.0475	.0229	4.802	.0885	10.99
6	S95T001215_L	1049.	12960.	52.51	108500.	945.0	9741.
7	S95T001215	935.3	13190.	31.43	107400.	895.0	9937.
8	S95T001215_D	999.6	13530.	25.21	107900.	880.1	15790.
9	S95T001215_A	5362.	18650.	4998.	112300.	5420.	15420.
10	CCV	4.883	4.894	5.021	4.963	5.141	4.968
11	CCB	.0063	-.0001	-.0005	.0015	.0007	-.0020
12	S95T001218_L	686.5	11170.	-19.35	126100.	539.1	10440.
13	S95T001218	514.0	11410.	-2.145	122200.	456.6	10390.
14	S95T001218_D	540.2	10730.	-5.041	121400.	444.5	13460.
15	S95T001218_A	4791.	15380.	4539.	124400.	4860.	14430.
16	ICSA	246.4	-.0073	-.0062	189.4	.0038	-.0176
17	ICSAB	243.6	.4371	-.0081	186.5	.0050	.8986
18	CCV_1	4.784	4.822	4.960	4.786	4.998	4.928
19	CCB_1	.0032	.0005	.0010	.0176	.0015	.0095

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	4.947	4.929	4.927	4.661	4.905	4.933
2	ICB	-.0082	-.0055	.0147	-.0027	-.0157	.0053
3	ICSA	-.0191	.0029	-.0350	.0060	-.0720	.0322
4	ICSAB	-.0225	.9526	-.0004	-.0061	-.0885	.0307
5	PREPBLKTJA	.2403	.1364	.0702	.1098	.5498	.1673
6	S95T001215_L	6423.	7986.	3885.	-48.89	642.7	19750.
7	S95T001215	6564.	8164.	3864.	14.35	115.4	19900.
8	S95T001215_D	6304.	8155.	3935.	-52.62	53.55	20220.
9	S95T001215_A	12220.	13590.	8907.	4659.	5328.	25460.
10	CCV	5.041	4.969	4.979	4.738	4.888	Q4.485
11	CCB	.0155	.0051	.0023	.0000	-.0081	.0071
12	S95T001218_L	7819.	11010.	4231.	172.8	-472.5	8761.
13	S95T001218	7658.	10950.	4515.	58.63	-232.0	8875.
14	S95T001218_D	7530.	10490.	4515.	-5.176	-303.3	8410.
15	S95T001218_A	12210.	14970.	9130.	4312.	4450.	12610.

#	Sample Name	P	Pb	S	Sb	Se	Si
16	ICSA	.0107	.0230	-.0114	.0037	-.0709	.0233
17	ICSAB	-.0098	.9766	-.0337	-.0063	-.0535	.0280
18	CCV_1	4.946	4.962	4.933	4.676	4.883	Q4.440
19	CCB_1	.0133	.0132	.0016	.0052	.0074	.0115

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	5.033	4.926	-.0245	4.811	4.893	10.01
2	ICB	-.0112	-.0001	.0086	.0002	.0152	-.0471
3	ICSA	-.0208	.0018	-.0221	.0008	.0175	.0305
4	ICSAB	-.0251	.0018	-.0166	.0008	.0639	-.0077
5	PREPBLKTJA	.1574	.0090	.3257	.0193	-.0977	-3.792
6	S95T001215_L	916.0	74.19	149.0	232.2	111.8	1581.
7	S95T001215_	341.6	79.85	317.7	232.3	95.58	-718.9
8	S95T001215_D	352.0	80.38	200.0	227.9	23.36	-468.6
9	S95T001215_A	4735.	4445.	244.6	4748.	4839.	8165.
10	CCV	5.012	4.892	-.0176	4.863	4.901	10.02
11	CCB	.0028	.0005	-.0043	-.0002	-.0101	-.0009
12	S95T001218_L	362.4	77.77	244.9	80.93	-384.1	-556.2
13	S95T001218_	267.7	84.24	284.5	75.11	56.86	-795.3
14	S95T001218_D	202.3	81.80	191.6	77.32	-39.96	-956.9
15	S95T001218_A	4494.	4297.	210.4	4334.	4253.	7704.
16	ICSA	-.0006	.0024	-.0183	.0008	-.0014	.1458
17	ICSAB	.0109	.0023	-.0112	.0014	.0198	.1409
18	CCV_1	4.867	4.771	-.0200	4.755	4.804	9.745
19	CCB_1	.0224	.0007	-.0105	.0002	.0034	.0853

#	Sample Name	V	Y	Zn	Zr
1	ICV	4.917	.0118	4.915	4.906
2	ICB	-.0026	-.0008	-.0014	-.0024
3	ICSA	-.0055	.0063	-.0030	-.0050
4	ICSAB	.4519	.0062	.9332	-.0056
5	PREPBLKTJA	.0363	.0078	.0342	-.0052
6	S95T001215_L	190.7	126.4	158.8	1446.
7	S95T001215_	69.66	91.87	180.3	1342.
8	S95T001215_D	78.12	94.70	167.9	695.1
9	S95T001215_A	4840.	111.1	5206.	6072.
10	CCV	4.970	.0132	4.989	4.944
11	CCB	.0002	.0000	-.0009	.0003
12	S95T001218_L	72.35	71.85	241.6	143.0
13	S95T001218_	52.88	69.64	218.6	127.1
14	S95T001218_D	38.79	64.77	209.8	119.5
15	S95T001218_A	4472.	77.37	4792.	4510.
16	ICSA	-.0018	.0078	-.0040	-.0010
17	ICSAB	.4604	.0083	.9524	-.0011
18	CCV_1	4.907	.0138	4.978	4.851
19	CCB_1	.0042	.0012	-.0015	.0030

DK Lid
07-21-95

WHC-SD-WM-DP-139, REV. 1

ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	1848	1			ICV	AG				4.9838		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
2	1848	1			ICV	AL				4.9459		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
3	1848	1			ICV	AS				5.0508		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
4	1848	1			ICV	B				4.9325		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
5	1848	1			ICV	BA				4.9523		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
6	1848	1			ICV	BE				5.0728		1.0000	07/21/95	13:42	dks	0.005	@ICP-QC
7	1848	1			ICV	BI				4.9659		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
8	1848	1			ICV	CA				5.0227		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
9	1848	1			ICV	CD				4.9528		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
10	1848	1			ICV	CE				5.0528		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
11	1848	1			ICV	CO				4.9887		1.0000	07/21/95	13:42	dks	0.02	@ICP-QC
12	1848	1			ICV	CR				4.9987		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
13	1848	1			ICV	CU				4.9228		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
14	1848	1			ICV	EU				0.0038		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
15	1848	1			ICV	FE				4.9625		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
16	1848	1			ICV	K				5.0700		1.0000	07/21/95	13:42	dks	0.3	@ICP-QC
17	1848	1			ICV	LA				4.9907		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
18	1848	1			ICV	LI				5.0442		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
19	1848	1			ICV	MG				4.9121		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
20	1848	1			ICV	MN				4.8853		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
21	1848	1			ICV	MO				4.9607		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
22	1848	1			ICV	NA				4.9072		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
23	1848	1			ICV	ND				5.1827		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
24	1848	1			ICV	NI				4.9260		1.0000	07/21/95	13:42	dks	0.02	@ICP-QC
25	1848	1			ICV	P				4.9471		1.0000	07/21/95	13:42	dks	0.2	@ICP-QC
26	1848	1			ICV	PB				4.9267		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
27	1848	1			ICV	S				4.9270		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
28	1848	1			ICV	SB				4.6906		1.0000	07/21/95	13:42	dks	0.2	@ICP-QC
29	1848	1			ICV	SE				4.9047		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
30	1848	1			ICV	SI				4.9328		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
31	1848	1			ICV	SM				5.0331		1.0000	07/21/95	13:42	dks	0.1	@ICP-QC
32	1848	1			ICV	SR				4.9256		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
33	1848	1			ICV	TH				-0.0245		1.0000	07/21/95	13:42	dks	0	@ICP-QC
34	1848	1			ICV	TI				4.8115		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
35	1848	1			ICV	TL				4.8931		1.0000	07/21/95	13:42	dks	0.2	@ICP-QC
36	1848	1			ICV	U				10.0113		1.0000	07/21/95	13:42	dks	0.4	@ICP-QC
37	1848	1			ICV	V				4.9172		1.0000	07/21/95	13:42	dks	0.05	@ICP-QC
38	1848	1			ICV	Y				0.0118		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
39	1848	1			ICV	ZN				4.9145		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
40	1848	1			ICV	ZR				4.9059		1.0000	07/21/95	13:42	dks	0.01	@ICP-QC
41	1848	2			ICB	AG				0.0022		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
42	1848	2			ICB	AL				0.0042		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
43	1848	2			ICB	AS				0.0029		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
44	1848	2			ICB	B				0.0028		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
45	1848	2			ICB	BA				0.0003		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
46	1848	2			ICB	BE				0.0002		1.0000	07/21/95	13:45	dks	0.005	@ICP-QC
47	1848	2			ICB	BI				0.0310		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
48	1848	2			ICB	CA				0.0017		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
49	1848	2			ICB	CD				0.0011		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
50	1848	2			ICB	CE				0.0036		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
51	1848	2			ICB	CO				0.0038		1.0000	07/21/95	13:45	dks	0.02	@ICP-QC
52	1848	2			ICB	CR				0.0008		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
53	1848	2			ICB	CU				0.0000		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
54	1848	2			ICB	EU				-0.0010		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
55	1848	2			ICB	FE				0.0011		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
56	1848	2			ICB	K				0.1233		1.0000	07/21/95	13:45	dks	0.3	@ICP-QC
57	1848	2			ICB	LA				0.0015		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
58	1848	2			ICB	LI				-0.0004		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
59	1848	2			ICB	MG				-0.0031		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
60	1848	2			ICB	MN				-0.0002		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
61	1848	2			ICB	MO				0.0013		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
62	1848	2			ICB	NA				-0.0066		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
63	1848	2			ICB	ND				0.0020		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
64	1848	2			ICB	NI				-0.0008		1.0000	07/21/95	13:45	dks	0.02	@ICP-QC
65	1848	2			ICB	P				-0.0082		1.0000	07/21/95	13:45	dks	0.2	@ICP-QC
66	1848	2			ICB	PB				-0.0055		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
67	1848	2			ICB	S				0.0147		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
68	1848	2			ICB	SB				-0.0027		1.0000	07/21/95	13:45	dks	0.2	@ICP-QC
69	1848	2			ICB	SE				-0.0157		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
70	1848	2			ICB	SI				0.0053		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
71	1848	2			ICB	SM				-0.0112		1.0000	07/21/95	13:45	dks	0.1	@ICP-QC
72	1848	2			ICB	SR				-0.0001		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
73	1848	2			ICB	TH				0.0086		1.0000	07/21/95	13:45	dks	0	@ICP-QC
74	1848	2			ICB	TI				0.0002		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
75	1848	2			ICB	TL				0.0152		1.0000	07/21/95	13:45	dks	0.2	@ICP-QC
76	1848	2			ICB	U				-0.0471		1.0000	07/21/95	13:45	dks	0.4	@ICP-QC
77	1848	2			ICB	V				-0.0026		1.0000	07/21/95	13:45	dks	0.05	@ICP-QC
78	1848	2			ICB	Y				-0.0008		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
79	1848	2			ICB	ZN				-0.0014		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
80	1848	2			ICB	ZR				-0.0024		1.0000	07/21/95	13:45	dks	0.01	@ICP-QC
81	1848	3			ICSA	AG				-0.0002		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
82	1848	3			ICSA	AL				243.3904		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
83	1848	3			ICSA	AS				-0.0928		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
84	1848	3			ICSA	B				-0.0035		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
85	1848	3			ICSA	BA				0.0016		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
86	1848	3			ICSA	BE				0.0001		1.0000	07/21/95	13:51	dks	0.005	@ICP-QC
87	1848	3			ICSA	BI				0.0127		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
88	1848	3			ICSA	CA				231.6250		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
89	1848	3			ICSA	CD				0.0016		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
90	1848	3			ICSA	CE				0.0036		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
91	1848	3			ICSA	CO				0.0021		1.0000	07/21/95	13:51	dks	0.02	@ICP-QC
92	1848	3			ICSA	CR				0.0052		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
93	1848	3			ICSA	CU				-0.0110		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
94	1848	3			ICSA	EU				0.0040		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
95	1848	3			ICSA	FE				89.0414		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
96	1848	3			ICSA	K				0.0125		1.0000	07/21/95	13:51	dks	0.3	@ICP-QC
97	1848	3			ICSA	LA				-0.0042		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
98	1848	3			ICSA	LI				0.0016		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
99	1848	3			ICSA	MG				245.4728		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
100	1848	3			ICSA	MN				-0.0073		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
101	1848	3			ICSA	MO				-0.0064		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
102	1848	3			ICSA	NA				194.5355		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
103	1848	3			ICSA	ND				0.0044		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
104	1848	3			ICSA	NI				-0.0153		1.0000	07/21/95	13:51	dks	0.02	@ICP-QC
105	1848	3			ICSA	P				-0.0191		1.0000	07/21/95	13:51	dks	0.2	@ICP-QC
106	1848	3			ICSA	PB				0.0029		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
107	1848	3			ICSA	S				-0.0350		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
108	1848	3			ICSA	SB				0.0090		1.0000	07/21/95	13:51	dks	0.2	@ICP-QC
109	1848	3			ICSA	SE				-0.0720		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
110	1848	3			ICSA	SI				0.0322		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
111	1848	3			ICSA	SM				-0.0208		1.0000	07/21/95	13:51	dks	0.1	@ICP-QC
112	1848	3			ICSA	SR				0.0018		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
113	1848	3			ICSA	TH				-0.0221		1.0000	07/21/95	13:51	dks	0	@ICP-QC
114	1848	3			ICSA	TI				0.0008		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
115	1848	3			ICSA	TL				0.0175		1.0000	07/21/95	13:51	dks	0.2	@ICP-QC
116	1848	3			ICSA	U				0.0305		1.0000	07/21/95	13:51	dks	0.4	@ICP-QC
117	1848	3			ICSA	V				-0.0055		1.0000	07/21/95	13:51	dks	0.05	@ICP-QC
118	1848	3			ICSA	Y				0.0063		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
119	1848	3			ICSA	ZN				-0.0030		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
120	1848	3			ICSA	ZR				-0.0050		1.0000	07/21/95	13:51	dks	0.01	@ICP-QC
121	1848	4			ICSAB	AG				0.9660		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
122	1848	4			ICSAB	AL				245.0164		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
123	1848	4			ICSAB	AS				-0.0772		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
124	1848	4			ICSAB	B				-0.0008		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
125	1848	4			ICSAB	BA				0.4680		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
126	1848	4			ICSAB	BE				0.4714		1.0000	07/21/95	13:54	dks	0.005	@ICP-QC
127	1848	4			ICSAB	BI				0.0161		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
128	1848	4			ICSAB	CA				234.3454		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
129	1848	4			ICSAB	CD				0.9168		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
130	1848	4			ICSAB	CE				-0.0001		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
[illegible]	1848	4			ICSAB	CO				0.4538		1.0000	07/21/95	13:54	dks	0.02	@ICP-QC
[illegible]	1848	4			ICSAB	CR				0.4661		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
[illegible]	1848	4			ICSAB	CU				0.4762		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
134	1848	4			ICSAB	EU				0.0022		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
135	1848	4			ICSAB	FE				89.9316		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
136	1848	4			ICSAB	K				0.0446		1.0000	07/21/95	13:54	dks	0.3	@ICP-QC
137	1848	4			ICSAB	LA				-0.0042		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
138	1848	4			ICSAB	LI				1.0018		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
139	1848	4			ICSAB	MG				247.1184		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
140	1848	4			ICSAB	MN				0.4359		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
141	1848	4			ICSAB	MO				-0.0115		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
142	1848	4			ICSAB	NA				196.8511		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
143	1848	4			ICSAB	ND				0.0032		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
144	1848	4			ICSAB	NI				0.8819		1.0000	07/21/95	13:54	dks	0.02	@ICP-QC
145	1848	4			ICSAB	P				-0.0225		1.0000	07/21/95	13:54	dks	0.2	@ICP-QC
146	1848	4			ICSAB	PB				0.9526		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
147	1848	4			ICSAB	S				-0.0004		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
148	1848	4			ICSAB	SB				-0.0061		1.0000	07/21/95	13:54	dks	0.2	@ICP-QC
149	1848	4			ICSAB	SE				-0.0885		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
150	1848	4			ICSAB	SI				0.0307		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
151	1848	4			ICSAB	SM				-0.0251		1.0000	07/21/95	13:54	dks	0.1	@ICP-QC
152	1848	4			ICSAB	SR				0.0018		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
153	1848	4			ICSAB	TH				-0.0166		1.0000	07/21/95	13:54	dks	0	@ICP-QC
154	1848	4			ICSAB	TI				0.0008		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
155	1848	4			ICSAB	TL				0.0639		1.0000	07/21/95	13:54	dks	0.2	@ICP-QC
156	1848	4			ICSAB	U				-0.0077		1.0000	07/21/95	13:54	dks	0.4	@ICP-QC
157	1848	4			ICSAB	V				0.4519		1.0000	07/21/95	13:54	dks	0.05	@ICP-QC
158	1848	4			ICSAB	Y				0.0062		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
159	1848	4			ICSAB	ZN				0.9332		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
160	1848	4			ICSAB	ZR				-0.0056		1.0000	07/21/95	13:54	dks	0.01	@ICP-QC
161	1848	5			PREPBLKTJA	AG-F-01				0.0238		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
162	1848	5			PREPBLKTJA	AL-F-01				0.2307		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
163	1848	5			PREPBLKTJA	AS-F-01				-0.1387		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
164	1848	5			PREPBLKTJA	B-F-01				-0.0007		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
165	1848	5			PREPBLKTJA	BA-F-01				0.0208		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
166	1848	5			PREPBLKTJA	BE-F-01				-0.0009		10.0000	07/21/95	14:00	dks	0.005	@ICP-F0
167	1848	5			PREPBLKTJA	BI-F-01				0.3920		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
168	1848	5			PREPBLKTJA	CA-F-01				0.2507		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
169	1848	5			PREPBLKTJA	CD-F-01				0.0250		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
170	1848	5			PREPBLKTJA	CE-F-01				0.1157		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
171	1848	5			PREPBLKTJA	CO-F-01				0.0611		10.0000	07/21/95	14:00	dks	0.02	@ICP-F0
172	1848	5			PREPBLKTJA	CR-F-01				0.0235		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
173	1848	5			PREPBLKTJA	CU-F-01				0.0765		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
174	1848	5			PREPBLKTJA	EU-F-01				0.0174		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
175	1848	5			PREPBLKTJA	FE-F-01				0.3464		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
176	1848	5			PREPBLKTJA	K-F-01				17233.7596		10.0000	07/21/95	14:00	dks	0.3	@ICP-F0
177	1848	5			PREPBLKTJA	LA-F-01				0.0206		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
178	1848	5			PREPBLKTJA	LI-F-01				0.0161		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
179	1848	5			PREPBLKTJA	MG-F-01				0.3929		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
180	1848	5			PREPBLKTJA	MN-F-01				0.0475		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
181	1848	5			PREPBLKTJA	MO-F-01				0.0229		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
[illegible]	1848	5			PREPBLKTJA	NA-F-01				4.8022		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
[illegible]	1848	5			PREPBLKTJA	ND-F-01				0.0885		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
[illegible]	1848	5			PREPBLKTJA	NI-F-01				10.9933		10.0000	07/21/95	14:00	dks	0.02	@ICP-F0
185	1848	5			PREPBLKTJA	P-F-01				0.2403		10.0000	07/21/95	14:00	dks	0.2	@ICP-F0
186	1848	5			PREPBLKTJA	PB-F-01				0.1364		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
187	1848	5			PREPBLKTJA	S-F-01				0.0702		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
188	1848	5			PREPBLKTJA	SB-F-01				0.1098		10.0000	07/21/95	14:00	dks	0.2	@ICP-F0
189	1848	5			PREPBLKTJA	SE-F-01				0.5498		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
190	1848	5			PREPBLKTJA	SI-F-01				0.1673		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
191	1848	5			PREPBLKTJA	SM-F-01				0.1574		10.0000	07/21/95	14:00	dks	0.1	@ICP-F0
192	1848	5			PREPBLKTJA	SR-F-01				0.0090		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
193	1848	5			PREPBLKTJA	TH-F-01				0.3257		10.0000	07/21/95	14:00	dks	0	@ICP-F0
194	1848	5			PREPBLKTJA	TI-F-01				0.0193		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
195	1848	5			PREPBLKTJA	TL-F-01				-0.0977		10.0000	07/21/95	14:00	dks	0.2	@ICP-F0
196	1848	5			PREPBLKTJA	U-F-01				-3.7917		10.0000	07/21/95	14:00	dks	0.4	@ICP-F0
197	1848	5			PREPBLKTJA	V-F-01				0.0363		10.0000	07/21/95	14:00	dks	0.05	@ICP-F0
198	1848	5			PREPBLKTJA	Y-F-01				0.0078		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
199	1848	5			PREPBLKTJA	ZN-F-01				0.0342		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
200	1848	5			PREPBLKTJA	ZR-F-01				-0.0052		10.0000	07/21/95	14:00	dks	0.01	@ICP-F0
201	1848	6	S95T001215			LI-F-01				< 45.4200		4542.0000	07/21/95	14:08	dks	0.01	@ICP-F0
202	1848	7	S95T001215		DUP	LI-F-01		<45.4200		<46.2800		4628.0000	07/21/95	14:12	dks	0.01	@ICP-F0
203	1848	8	S95T001215_A		SPK	LI-F-01		4542.0		4111.9390		4542.0000	07/21/95	14:16	dks	0.01	@ICP-F0
204	1848	9			CCV	AG				4.8496		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
205	1848	9			CCV	AL				4.9073		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
206	1848	9			CCV	AS				4.9994		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
207	1848	9			CCV	B				4.9531		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
208	1848	9			CCV	BA				4.9095		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
209	1848	9			CCV	BE				5.0736		1.0000	07/21/95	14:35	dks	0.005	@ICP-QC
210	1848	9			CCV	BI				4.9084		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
211	1848	9			CCV	CA				5.0198		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
212	1848	9			CCV	CD				4.9815		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
213	1848	9			CCV	CE				5.0227		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
214	1848	9			CCV	CO				5.0376		1.0000	07/21/95	14:35	dks	0.02	@ICP-QC
215	1848	9			CCV	CR				5.0180		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
216	1848	9			CCV	CU				4.9400		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
217	1848	9			CCV	EU				0.0071		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
218	1848	9			CCV	FE				5.0194		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
219	1848	9			CCV	K				4.6779		1.0000	07/21/95	14:35	dks	0.3	@ICP-QC
220	1848	9			CCV	LA				4.9958		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
221	1848	9			CCV	LI				5.0121		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
222	1848	9			CCV	MG				4.8831		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
223	1848	9			CCV	MN				4.8944		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
224	1848	9			CCV	MO				5.0209		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
225	1848	9			CCV	NA				4.9631		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
226	1848	9			CCV	ND				5.1413		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
227	1848	9			CCV	NI				4.9685		1.0000	07/21/95	14:35	dks	0.02	@ICP-QC
228	1848	9			CCV	P				5.0412		1.0000	07/21/95	14:35	dks	0.2	@ICP-QC
229	1848	9			CCV	PB				4.9687		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
230	1848	9			CCV	S				4.9793		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
231	1848	9			CCV	SB				4.7381		1.0000	07/21/95	14:35	dks	0.2	@ICP-QC
232	1848	9			CCV	SE				4.8876		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
[illegible]	1848	9			CCV	SI				4.4854		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
[illegible]	1848	9			CCV	SM				5.0124		1.0000	07/21/95	14:35	dks	0.1	@ICP-QC
[illegible]	1848	9			CCV	SR				4.8920		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
236	1848	9			CCV	TH				-0.0176		1.0000	07/21/95	14:35	dks	0	@ICP-QC
237	1848	9			CCV	TI				4.8628		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
238	1848	9			CCV	TL				4.9014		1.0000	07/21/95	14:35	dks	0.2	@ICP-QC
239	1848	9			CCV	U				10.0245		1.0000	07/21/95	14:35	dks	0.4	@ICP-QC
240	1848	9			CCV	V				4.9700		1.0000	07/21/95	14:35	dks	0.05	@ICP-QC
241	1848	9			CCV	Y				0.0132		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
242	1848	9			CCV	ZN				4.9887		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
243	1848	9			CCV	ZR				4.9435		1.0000	07/21/95	14:35	dks	0.01	@ICP-QC
244	1848	10			CCB	AG				-0.0020		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
245	1848	10			CCB	AL				-0.0073		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
246	1848	10			CCB	AS				-0.0107		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
247	1848	10			CCB	B				0.0050		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
248	1848	10			CCB	BA				-0.0001		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
249	1848	10			CCB	BE				-0.0001		1.0000	07/21/95	14:38	dks	0.005	@ICP-QC
250	1848	10			CCB	BI				-0.0238		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
251	1848	10			CCB	CA				0.0002		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
252	1848	10			CCB	CD				0.0000		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
253	1848	10			CCB	CE				-0.0074		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
254	1848	10			CCB	CO				-0.0008		1.0000	07/21/95	14:38	dks	0.02	@ICP-QC
255	1848	10			CCB	CR				-0.0000		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
256	1848	10			CCB	CU				-0.0009		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
257	1848	10			CCB	EU				0.0004		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
258	1848	10			CCB	FE				0.0000		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
259	1848	10			CCB	K				-0.2100		1.0000	07/21/95	14:38	dks	0.3	@ICP-QC
260	1848	10			CCB	LA				-0.0006		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
261	1848	10			CCB	LI				0.0001		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
262	1848	10			CCB	MG				0.0063		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
263	1848	10			CCB	MN				-0.0001		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
264	1848	10			CCB	MO				-0.0005		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
265	1848	10			CCB	NA				0.0015		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
266	1848	10			CCB	ND				0.0007		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
267	1848	10			CCB	NI				-0.0020		1.0000	07/21/95	14:38	dks	0.02	@ICP-QC
268	1848	10			CCB	P				0.0155		1.0000	07/21/95	14:38	dks	0.2	@ICP-QC
269	1848	10			CCB	PB				0.0051		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
270	1848	10			CCB	S				0.0023		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
271	1848	10			CCB	SB				0.0000		1.0000	07/21/95	14:38	dks	0.2	@ICP-QC
272	1848	10			CCB	SE				-0.0081		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
273	1848	10			CCB	SI				0.0071		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
274	1848	10			CCB	SM				0.0028		1.0000	07/21/95	14:38	dks	0.1	@ICP-QC
275	1848	10			CCB	SR				0.0005		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
276	1848	10			CCB	TH				-0.0043		1.0000	07/21/95	14:38	dks	0	@ICP-QC
277	1848	10			CCB	TI				-0.0002		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
278	1848	10			CCB	TL				-0.0101		1.0000	07/21/95	14:38	dks	0.2	@ICP-QC
279	1848	10			CCB	U				-0.0009		1.0000	07/21/95	14:38	dks	0.4	@ICP-QC
280	1848	10			CCB	V				0.0002		1.0000	07/21/95	14:38	dks	0.05	@ICP-QC
281	1848	10			CCB	Y				0.0000		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
282	1848	10			CCB	ZN				-0.0009		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
283	1848	10			CCB	ZR				0.0003		1.0000	07/21/95	14:38	dks	0.01	@ICP-QC
284	1848	11	S95T001218			LI-F-01			<	46.9800		4698.0000	07/21/95	14:45	dks	0.01	@ICP-F0
285	1848	12	S95T001218		DUP	LI-F-01		<46.9800		<46.6600		4666.0000	07/21/95	14:49	dks	0.01	@ICP-F0
286	1848	13	S95T001218_A		SPK	LI-F-01		4698		4262.6592		4698.0000	07/21/95	14:53	dks	0.01	@ICP-F0
287	1848	14			ICSA	AG				-0.0016		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
288	1848	14			ICSA	AL				241.3517		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
289	1848	14			ICSA	AS				-0.1447		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
290	1848	14			ICSA	B				-0.0069		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
291	1848	14			ICSA	BA				0.0016		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
292	1848	14			ICSA	BE				-0.0000		1.0000	07/21/95	15:02	dks	0.005	@ICP-QC
293	1848	14			ICSA	BI				-0.0219		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
294	1848	14			ICSA	CA				233.7117		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
295	1848	14			ICSA	CD				-0.0019		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
296	1848	14			ICSA	CE				0.0082		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
297	1848	14			ICSA	CO				-0.0009		1.0000	07/21/95	15:02	dks	0.02	@ICP-QC
298	1848	14			ICSA	CR				0.0058		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
299	1848	14			ICSA	CU				-0.0124		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
300	1848	14			ICSA	EU				0.0239		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
301	1848	14			ICSA	FE				90.9536		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
302	1848	14			ICSA	K				-0.0493		1.0000	07/21/95	15:02	dks	0.3	@ICP-QC
303	1848	14			ICSA	LA				-0.0049		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
304	1848	14			ICSA	LI				0.0032		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
305	1848	14			ICSA	MG				248.4258		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
306	1848	14			ICSA	MN				-0.0073		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
307	1848	14			ICSA	MO				-0.0062		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
308	1848	14			ICSA	NA				189.4408		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
309	1848	14			ICSA	ND				0.0038		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
310	1848	14			ICSA	NI				-0.0176		1.0000	07/21/95	15:02	dks	0.02	@ICP-QC
311	1848	14			ICSA	P				0.0107		1.0000	07/21/95	15:02	dks	0.2	@ICP-QC
312	1848	14			ICSA	PB				0.0230		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
313	1848	14			ICSA	S				-0.0114		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
314	1848	14			ICSA	SB				0.0037		1.0000	07/21/95	15:02	dks	0.2	@ICP-QC
315	1848	14			ICSA	SE				-0.0709		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
316	1848	14			ICSA	SI				0.0233		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
317	1848	14			ICSA	SM				-0.0006		1.0000	07/21/95	15:02	dks	0.1	@ICP-QC
318	1848	14			ICSA	SR				0.0024		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
319	1848	14			ICSA	TH				-0.0183		1.0000	07/21/95	15:02	dks	0	@ICP-QC
320	1848	14			ICSA	TI				0.0008		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
321	1848	14			ICSA	TL				-0.0014		1.0000	07/21/95	15:02	dks	0.2	@ICP-QC
322	1848	14			ICSA	U				0.1458		1.0000	07/21/95	15:02	dks	0.4	@ICP-QC
323	1848	14			ICSA	V				-0.0018		1.0000	07/21/95	15:02	dks	0.05	@ICP-QC
324	1848	14			ICSA	Y				0.0078		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
325	1848	14			ICSA	ZN				-0.0040		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
326	1848	14			ICSA	ZR				-0.0010		1.0000	07/21/95	15:02	dks	0.01	@ICP-QC
327	1848	15			ICSAB	AG				0.9308		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
328	1848	15			ICSAB	AL				237.8322		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
329	1848	15			ICSAB	AS				-0.1384		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
330	1848	15			ICSAB	B				-0.0034		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
331	1848	15			ICSAB	BA				0.4493		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
332	1848	15			ICSAB	BE				0.4872		1.0000	07/21/95	15:05	dks	0.005	@ICP-QC
333	1848	15			ICSAB	BI				-0.0423		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
334	1848	15			ICSAB	CA				234.8561		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
335	1848	15			ICSAB	CD				0.9279		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
336	1848	15			ICSAB	CE				0.0126		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
337	1848	15			ICSAB	CO				0.4613		1.0000	07/21/95	15:05	dks	0.02	@ICP-QC
338	1848	15			ICSAB	CR				0.4728		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
339	1848	15			ICSAB	CU				0.4574		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
340	1848	15			ICSAB	EU				0.0226		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
341	1848	15			ICSAB	FE				90.5165		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
342	1848	15			ICSAB	K				-0.0114		1.0000	07/21/95	15:05	dks	0.3	@ICP-QC
343	1848	15			ICSAB	LA				-0.0045		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
344	1848	15			ICSAB	LI				0.9456		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
345	1848	15			ICSAB	MG				243.6381		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
346	1848	15			ICSAB	MN				0.4371		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
347	1848	15			ICSAB	MO				-0.0081		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
348	1848	15			ICSAB	NA				186.5393		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
349	1848	15			ICSAB	ND				0.0050		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
350	1848	15			ICSAB	NI				0.8986		1.0000	07/21/95	15:05	dks	0.02	@ICP-QC
351	1848	15			ICSAB	P				-0.0098		1.0000	07/21/95	15:05	dks	0.2	@ICP-QC
352	1848	15			ICSAB	PB				0.9766		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
353	1848	15			ICSAB	S				-0.0337		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
354	1848	15			ICSAB	SB				-0.0063		1.0000	07/21/95	15:05	dks	0.2	@ICP-QC
355	1848	15			ICSAB	SE				-0.0535		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
356	1848	15			ICSAB	SI				0.0280		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
357	1848	15			ICSAB	SM				0.0109		1.0000	07/21/95	15:05	dks	0.1	@ICP-QC
358	1848	15			ICSAB	SR				0.0023		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
359	1848	15			ICSAB	TH				-0.0112		1.0000	07/21/95	15:05	dks	0	@ICP-QC
360	1848	15			ICSAB	TI				0.0014		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
361	1848	15			ICSAB	TL				0.0196		1.0000	07/21/95	15:05	dks	0.2	@ICP-QC
362	1848	15			ICSAB	U				0.1409		1.0000	07/21/95	15:05	dks	0.4	@ICP-QC
363	1848	15			ICSAB	V				0.4604		1.0000	07/21/95	15:05	dks	0.05	@ICP-QC
364	1848	15			ICSAB	Y				0.0083		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
365	1848	15			ICSAB	ZN				0.9524		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC
366	1848	15			ICSAB	ZR				-0.0011		1.0000	07/21/95	15:05	dks	0.01	@ICP-QC

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WHC-SD-WM-DP-139, REV. 1

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
367	1848	16			CCV	AG				4.8021		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
368	1848	16			CCV	AL				4.7933		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
369	1848	16			CCV	AS				4.9196		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
370	1848	16			CCV	B				4.8257		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
371	1848	16			CCV	BA				4.7588		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
372	1848	16			CCV	BE				4.9904		1.0000	07/21/95	15:10	dks	0.005	@ICP-QC
373	1848	16			CCV	BI				4.8734		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
374	1848	16			CCV	CA				5.0383		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
[illegible]	1848	16			CCV	CD				4.9529		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
[illegible]	1848	16			CCV	CE				4.8639		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
[illegible]	1848	16			CCV	CO				4.9918		1.0000	07/21/95	15:10	dks	0.02	@ICP-QC
378	1848	16			CCV	CR				4.9631		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
379	1848	16			CCV	CU				4.8091		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
380	1848	16			CCV	EU				0.0084		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
381	1848	16			CCV	FE				4.9502		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
382	1848	16			CCV	K				4.6296		1.0000	07/21/95	15:10	dks	0.3	@ICP-QC
383	1848	16			CCV	LA				4.8600		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
384	1848	16			CCV	LI				4.8133		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
385	1848	16			CCV	MG				4.7842		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
386	1848	16			CCV	MN				4.8220		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
387	1848	16			CCV	MO				4.9600		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
388	1848	16			CCV	NA				4.7858		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
389	1848	16			CCV	ND				4.9983		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
390	1848	16			CCV	NI				4.9280		1.0000	07/21/95	15:10	dks	0.02	@ICP-QC
391	1848	16			CCV	P				4.9463		1.0000	07/21/95	15:10	dks	0.2	@ICP-QC
392	1848	16			CCV	PB				4.9622		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
393	1848	16			CCV	S				4.9331		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
394	1848	16			CCV	SB				4.6757		1.0000	07/21/95	15:10	dks	0.2	@ICP-QC
395	1848	16			CCV	SE				4.8830		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
396	1848	16			CCV	SI				4.4405		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
397	1848	16			CCV	SM				4.8666		1.0000	07/21/95	15:10	dks	0.1	@ICP-QC
398	1848	16			CCV	SR				4.7714		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
399	1848	16			CCV	TH				-0.0200		1.0000	07/21/95	15:10	dks	0	@ICP-QC
400	1848	16			CCV	TI				4.7547		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
401	1848	16			CCV	TL				4.8040		1.0000	07/21/95	15:10	dks	0.2	@ICP-QC
402	1848	16			CCV	U				9.7449		1.0000	07/21/95	15:10	dks	0.4	@ICP-QC
403	1848	16			CCV	V				4.9069		1.0000	07/21/95	15:10	dks	0.05	@ICP-QC
404	1848	16			CCV	Y				0.0138		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
405	1848	16			CCV	ZN				4.9778		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
406	1848	16			CCV	ZR				4.8512		1.0000	07/21/95	15:10	dks	0.01	@ICP-QC
407	1848	17			CCB	AG				-0.0002		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
408	1848	17			CCB	AL				-0.0040		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
409	1848	17			CCB	AS				0.0022		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
410	1848	17			CCB	B				0.0005		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
411	1848	17			CCB	BA				0.0001		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
412	1848	17			CCB	BE				-0.0001		1.0000	07/21/95	15:13	dks	0.005	@ICP-QC
413	1848	17			CCB	BI				0.0155		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
414	1848	17			CCB	CA				0.0001		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
415	1848	17			CCB	CD				-0.0004		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
416	1848	17			CCB	CE				-0.0013		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
417	1848	17			CCB	CO				-0.0010		1.0000	07/21/95	15:13	dks	0.02	@ICP-QC
418	1848	17			CCB	CR				-0.0005		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
419	1848	17			CCB	CU				-0.0007		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
420	1848	17			CCB	EU				0.0022		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
421	1848	17			CCB	FE				-0.0001		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
422	1848	17			CCB	K				0.0629		1.0000	07/21/95	15:13	dks	0.3	@ICP-QC
423	1848	17			CCB	LA				-0.0001		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
424	1848	17			CCB	LI				0.0017		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
425	1848	17			CCB	MG				0.0032		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
[illegible]	1848	17			CCB	MN				0.0005		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
[illegible]	1848	17			CCB	MO				0.0010		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
[illegible]	1848	17			CCB	NA				0.0176		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
[illegible]	1848	17			CCB	ND				0.0015		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
430	1848	17			CCB	NI				0.0095		1.0000	07/21/95	15:13	dks	0.02	@ICP-QC
431	1848	17			CCB	P				0.0133		1.0000	07/21/95	15:13	dks	0.2	@ICP-QC
432	1848	17			CCB	PB				0.0132		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
433	1848	17			CCB	S				0.0016		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
434	1848	17			CCB	SB				0.0052		1.0000	07/21/95	15:13	dks	0.2	@ICP-QC
435	1848	17			CCB	SE				0.0074		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
436	1848	17			CCB	SI				0.0115		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
437	1848	17			CCB	SM				0.0224		1.0000	07/21/95	15:13	dks	0.1	@ICP-QC
438	1848	17			CCB	SR				0.0007		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
439	1848	17			CCB	TH				-0.0105		1.0000	07/21/95	15:13	dks	0	@ICP-QC
440	1848	17			CCB	TI				0.0002		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
441	1848	17			CCB	TL				0.0034		1.0000	07/21/95	15:13	dks	0.2	@ICP-QC
442	1848	17			CCB	U				0.0853		1.0000	07/21/95	15:13	dks	0.4	@ICP-QC
443	1848	17			CCB	V				0.0042		1.0000	07/21/95	15:13	dks	0.05	@ICP-QC
444	1848	17			CCB	Y				0.0012		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
445	1848	17			CCB	ZN				-0.0015		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC
446	1848	17			CCB	ZR				0.0030		1.0000	07/21/95	15:13	dks	0.01	@ICP-QC

WHC-SD-WM-DP-139, REV. 1

SP
07/24/95

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LABCORE Data Entry Template for Worklist# 1858

Analyst: DK Soto Instrument: ICP01 (DK 7.24.95) Book# 43B48B

Method: LA-505-~~151~~-141 (DK 10.4.95) Rev/Mod a-1

Worklist Comment: ICP B-101 FUSION (Li only)

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	PREPBLKTJA				@ICP-F03	SOLID		
6	SAMPLE	S95T001230	0	F	@ICP-F03	SOLID	95000091	B-101
	Analytes Requested: LI-F-01							
7	DUP	S95T001230	0	F	@ICP-F03	SOLID		
8	SPK	S95T001230	0	F	@ICP-F03	SOLID		
9	CCV				@ICP-QC	QC		
10	CCB				@ICP-QC	QC		
11	SAMPLE	S95T001236	0	F	@ICP-F03	SOLID	95000093	B-101
	Analytes Requested: LI-F-01							
12	DUP	S95T001236	0	F	@ICP-F03	SOLID		
13	SPK	S95T001236	0	F	@ICP-F03	SOLID		
14	ICSA				@ICP-QC	QC		
15	ICSAB				@ICP-QC	QC		
16	CCV				@ICP-QC	QC		
17	CCB				@ICP-QC	QC		

Data Entry Comments:

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

LABCORE Data Entry Template for Worklist# 1858

S	Type	Sample#	R	A	Test	Matrix	Group#	Project

Final page for worklist # 1858

DK 07-26-95
Analyst Signature Date

Reviewed + Validated by:
Saul M. Pavage 07/27/95
Analyst Signature Date

Prepb/KTJa 1-9 ml

595T001230_L, .5180g → 250 ml, 1-9-2-8, (250×50)/.5180 = 24131.3
595T001230 .5180g → 250 1-9 (250×10)/.5180 = 4824.3
595T001230_D .5285g → 250 1-9 (250×10)/.5285 = 4730.4
595T001230_a .5180g → 250 1-9 (250×10)/.5180 = 4824.3 1ml sample + 2ml SSTS + 7ml 2% HNO3

595T001236_L, .4917g → 250 ml, 1-9-2-8, (250×50)/.4917 = 25422
595T001236 .4917g → 250 1-9 (250×10)/.4917 = 5084.4
595T001236_D .4805g → 250 1-9 (250×10)/.4805 = 5202.9
595T001236_a .4917g → 250 1-9 (250×10)/.4917 = 5084.4 1ml sample + 2ml SSTS + 7ml 2% HNO3

Data Entry Comments:

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

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950726B	ICP2	07/26/95	12:10	DKS	Q	CONC
2	ICB	950726B	ICP2	07/26/95	12:18	DKS	Q	CONC
3	ICSA	950726B	ICP2	07/26/95	12:21	DKS	Q	CONC
~~4~~	~~ICSAB~~	950726B	ICP2	07/26/95	12:25	DKS	Q	CONC
5	ICSAB	950726B	ICP2	07/26/95	12:27	DKS	Q	CONC
6	PREPBLKTJA	950726B	ICP2	07/26/95	12:34	DKS	S	CONC
7	S95T001230_L	950726B	ICP2	07/26/95	12:39	DKS	S	CONC
8	S95T001230	950726B	ICP2	07/26/95	12:42	DKS	S	CONC
9	S95T001230_D	950726B	ICP2	07/26/95	12:46	DKS	S	CONC
10	S95T001230_A	950726B	ICP2	07/26/95	12:51	DKS	S	CONC
11	CCV	950726B	ICP2	07/26/95	13:02	DKS	Q	CONC
12	CCB	950726B	ICP2	07/26/95	13:08	DKS	Q	CONC
13	S95T001236_L	950726B	ICP2	07/26/95	13:12	DKS	S	CONC
14	S95T001236	950726B	ICP2	07/26/95	13:15	DKS	S	CONC
15	S95T001236_D	950726B	ICP2	07/26/95	13:19	DKS	S	CONC
16	S95T001236_A	950726B	ICP2	07/26/95	13:23	DKS	S	CONC
17	ICSA	950726B	ICP2	07/26/95	13:37	DKS	Q	CONC
18	ICSAB	950726B	ICP2	07/26/95	13:41	DKS	Q	CONC
19	CCV_1	950726B	ICP2	07/26/95	13:54	DKS	Q	CONC
20	CCB_1	950726B	ICP2	07/26/95	13:57	DKS	Q	CONC

JK [illegible]
07-26-95

B-101 595T001230
595T001236

Worklist #1 1858

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 240 TO 244.

WHC-SD-WM-DP-139, REV. 1

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.932	4.868	5.084	4.867	4.803	5.060
2	ICB	-.0002	-.0244	.0066	-.0060	-.0001	-.0004
3	ICSA	-.0012	245.6	-.1919	-.0072	.0019	-.0001
4	ICSAB	Q.0003	Q.0137	-.0070	-.0014	Q.0012	Q.0009
5	ICSAB	.9701	245.5	-.1728	-.0060	.4651	.4762
6	PREPBLKTJA	.0021	.0690	.1678	-.0006	.0216	-.0025
7	S95T001230_L	124.2	153500.	-199.5	1.651	26.19	-5.335
8	S95T001230_	96.25	149100.	-41.23	-14.59	25.22	-1.611
9	S95T001230_D	83.04	152900.	-67.56	-17.37	25.41	-1.941
10	S95T001230_A	4287.	154900.	4954.	4615.	4473.	4852.
11	CCV	4.993	4.852	5.232	4.891	4.754	5.167
12	CCB	-.0010	-.0180	-.0070	-.0023	.0003	-.0003
13	S95T001236_L	388.7	9885.	-158.5	-50.85	107.2	-5.986
14	S95T001236_	373.6	10190.	-221.4	-37.55	102.6	-.6283
15	S95T001236_D	323.7	9328.	-158.4	6.254	96.18	-1.516
16	S95T001236_A	4675.	15150.	5129.	4816.	4761.	5018.
17	ICSA	-.0017	248.3	-.1771	-.0064	.0018	-.0001
18	ICSAB	.9877	251.5	-.2077	-.0069	.4748	.4858
19	CCV_1	5.156	5.138	5.296	5.121	5.118	5.324
20	CCB_1	-.0005	-.0145	-.0057	-.0056	.0001	-.0003

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	4.982	5.049	5.038	4.983	5.047	5.032
2	ICB	-.0452	.0003	-.0005	.0064	.0003	-.0011
3	ICSA	-.0634	232.6	-.0034	.0267	.0004	.0065
4	ICSAB	-.0063	Q.0226	Q.0018	.0141	Q-.0007	Q.0005
5	ICSAB	.0097	236.5	.9404	.0212	.4678	.4783
6	PREPBLKTJA	.0666	.2734	.0129	.3222	.0279	.0018
7	S95T001230_L	-226.9	596.8	30.09	344.0	36.95	131.2
8	S95T001230_	15.69	583.1	14.66	109.9	7.425	119.1
9	S95T001230_D	26.12	471.7	10.36	49.69	-3.665	115.2
10	S95T001230_A	4762.	5490.	4892.	4665.	4855.	4973.
11	CCV	5.046	5.315	5.250	4.958	5.202	5.185
12	CCB	-.0206	.0051	.0004	.0180	-.0012	-.0003
13	S95T001236_L	-591.4	1689.	28.81	587.1	4.469	872.5
14	S95T001236_	-145.3	1594.	49.16	256.8	32.40	897.1
15	S95T001236_D	-128.5	1408.	43.11	338.3	20.03	813.1
16	S95T001236_A	5025.	6704.	5153.	5274.	5119.	5967.
17	ICSA	-.0467	240.7	-.0033	.0209	-.0003	.0063
18	ICSAB	-.0063	240.4	.9484	.0283	.4705	.4854
19	CCV_1	5.144	5.275	5.195	5.280	5.228	5.235
20	CCB_1	-.0215	.0023	.0005	.0159	.0006	-.0012

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	4.856	.0064	5.004	4.834	4.915	4.823
2	ICB	-.0000	.0007	-.0004	.0074	-.0011	.0017
3	ICSA	-.0110	.0265	91.59	.2704	-.0032	.0026
4	ICSAB	Q.0012	.0000	Q.0106	.1354	.0022	Q.0012
5	ICSAB	.4704	.0236	92.29	.0582	-.0040	.9899

#	Sample Name	Cu	Eu	Fe	K	La	Li
6	PREPBLKTJA	.0461	.0245	.2693	16350.	.0371	.0228
7	S95T001230_L	102.4	19.43	1754.	7658e3	42.70	118.6
8	S95T001230_	70.76	-6.732	1695.	7344e3	35.72	79.25
9	S95T001230_D	69.60	-8.812	1835.	7365e3	30.37	70.87
10	S95T001230_A	4654.	7.289	6496.	7386e3	4672.	4727.
11	CCV	4.809	.0099	5.135	4.728	4.877	4.675
12	CCB	-.0010	.0045	.0009	-.0272	.0017	.0055
13	S95T001236_L	113.5	115.0	19990.	7262e3	130.2	185.9
14	S95T001236_	116.9	25.56	19820.	7186e3	84.89	84.70
15	S95T001236_D	107.0	18.27	17460.	7381e3	95.16	74.83
16	S95T001236_A	4911.	23.16	24480.	7188e3	4948.	4910.
17	ICSA	-.0124	.0160	93.80	.3023	-.0040	.0036
18	ICSAB	.4813	.0219	93.81	.1421	-.0031	1.019
19	CCV_1	5.152	.0049	5.235	4.857	5.233	5.235
20	CCB_1	.0002	-.0006	.0003	.0704	.0013	.0002

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.871	4.865	5.008	4.874	5.089	4.959
2	ICB	.0090	.0000	.0006	.0099	.0034	.0062
3	ICSA	249.8	-.0081	-.0046	195.3	.0126	-.0200
4	ICSAB	Q.0197	Q.0009	-.0006	Q.0152	.0017	Q.0045
5	ICSAB	250.3	.4428	-.0068	195.5	.0087	.8919
6	PREPBLKTJA	.2303	.0423	-.0053	4.893	.0606	10.63
7	S95T001230_L	416.2	167.2	9.818	92770.	192.1	4897.
8	S95T001230_	211.9	153.6	6.030	90180.	19.43	4549.
9	S95T001230_D	105.4	163.9	1.310	89500.	-3.206	5240.
10	S95T001230_A	4765.	4738.	4870.	95020.	4824.	9450.
11	CCV	4.927	4.998	5.153	4.822	5.027	5.153
12	CCB	-.0014	.0011	.0010	.0497	.0036	.0042
13	S95T001236_L	337.7	14130.	-44.96	129400.	323.6	11940.
14	S95T001236_	312.9	14200.	7.486	128700.	285.3	11710.
15	S95T001236_D	310.2	13000.	-13.79	148000.	266.0	11140.
16	S95T001236_A	5296.	18900.	5130.	134800.	5341.	16500.
17	ICSA	253.9	-.0080	-.0084	196.0	.0083	-.0132
18	ICSAB	255.7	.4492	-.0089	201.1	.0085	.9280
19	CCV_1	5.097	5.075	5.233	5.205	5.445	5.174
20	CCB_1	.0065	-.0003	.0006	-.0061	.0024	.0039

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	4.978	5.021	4.973	4.755	4.979	5.079
2	ICB	.0023	.0063	.0049	-.0068	.0080	-.0019
3	ICSA	-.0129	.0284	-.0137	-.0111	-.1077	.0309
4	ICSAB	.0056	Q.0074	-.0042	.0021	.0166	-.0024
5	ICSAB	-.0275	.9844	-.0247	.0056	-.0655	.0354
6	PREPBLKTJA	-.0130	.1730	.0749	.0448	.3108	.1608
7	S95T001230_L	5661.	289.8	5921.	-74.57	625.7	1247.
8	S95T001230_	5337.	278.3	5814.	26.66	221.8	1214.
9	S95T001230_D	4202.	226.0	6685.	-2.233	206.9	1276.
10	S95T001230_A	10680.	5084.	10960.	4539.	5388.	6243.
11	CCV	5.324	5.251	5.175	4.844	5.162	5.224

#	Sample Name	P	Pb	S	Sb	Se	Si
12	CCB	.0032	-.0151	-.0013	-.0037	.0592	.0180
13	S95T001236_L	7190.	12120.	4689.	65.88	944.4	5184.
14	S95T001236	7079.	12300.	4412.	-20.33	-104.2	4920.
15	S95T001236_D	6492.	11800.	3838.	10.15	-364.2	4075.
16	S95T001236_A	12330.	17090.	9616.	4903.	4936.	9953.
17	ICSA	-.0173	.0327	-.0121	-.0100	-.0550	.0392
18	ICSAB	-.0062	.9884	-.0222	-.0075	-.0991	.0336
19	CCV_1	5.479	5.159	5.225	4.937	5.218	5.266
20	CCB_1	.0126	.0026	-.0029	-.0018	.0048	-.0039

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	4.916	4.852	-.0200	4.799	4.908	9.868
2	ICB	.0079	.0001	-.0071	.0006	-.0039	.0377
3	ICSA	-.0084	.0020	-.0143	.0022	-.0032	.2089
4	ICSAB	-.0067	.0009	.0065	.0014	.0027	-.0245
5	ICSAB	-.0056	.0020	-.0070	.0020	.0322	.1868
6	PREPBLKTJA	.2244	.0098	.3036	.0147	.0922	-3.648
7	S95T001230_L	371.4	28.28	-113.3	55.11	345.7	66950.
8	S95T001230	73.45	25.26	-38.54	39.79	55.42	63560.
9	S95T001230_D	71.02	26.21	-77.52	39.00	7.104	68960.
10	S95T001230_A	4783.	4611.	-109.7	4628.	4768.	73080.
11	CCV	4.895	4.809	-.0275	4.822	5.055	9.843
12	CCB	.0491	.0007	-.0112	.0001	.0084	.2038
13	S95T001236_L	1342.	80.41	-37.43	43.77	720.7	3364.
14	S95T001236	311.5	67.23	140.6	32.85	-72.17	-570.4
15	S95T001236_D	188.3	63.04	236.5	31.29	42.94	-1099.
16	S95T001236_A	5021.	4836.	174.0	4823.	4927.	8761.
17	ICSA	.0002	.0020	-.0054	.0016	.0500	.1923
18	ICSAB	-.0127	.0020	-.0093	.0020	.0281	.1770
19	CCV_1	5.246	5.165	-.0206	5.063	5.033	10.47
20	CCB_1	-.0096	-.0002	.0025	.0006	.0125	-.0321

	Sample Name	V	Y	Zn	Zr
1	ICV	4.938	.0135	5.002	4.896
2	ICB	.0018	.0005	.0004	.0005
3	ICSA	-.0041	.0071	.0007	-.0044
4	ICSAB	Q.0008	-.0001	Q.0021	-.0005
5	ICSAB	.4652	.0075	.9619	-.0043
6	PREPBLKTJA	.0528	.0133	.0270	.0102
7	S95T001230_L	91.58	49.22	115.9	90.76
8	S95T001230	32.49	32.56	93.99	37.35
9	S95T001230_D	34.05	34.51	94.80	32.22
10	S95T001230_A	4795.	50.74	5009.	4775.
11	CCV	5.028	.0159	5.182	4.935
12	CCB	.0102	.0028	-.0004	.0075
13	S95T001236_L	272.5	131.6	262.0	303.0
14	S95T001236	60.88	75.39	259.4	161.1
15	S95T001236_D	40.83	66.12	230.1	68.70
16	S95T001236_A	5014.	84.16	5365.	5030.
17	ICSA	-.0022	.0077	.0001	-.0036

#	Sample Name	V	Y	Zn	Zr
18	ICSAB	.4715	.0073	.9752	-.0051
19	CCV_1	5.181	.0130	5.159	5.163
20	CCB_1	-.0015	-.0003	-.0006	-.0005

DK Lab
07-26-95
B-101 595T001230
595T001236

WHC-SD-WM-DP-139, REV. 1

ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	1858	1			ICV	AG				4.9322		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
2	1858	1			ICV	AL				4.8660		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
3	1858	1			ICV	AS				5.0637		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
4	1858	1			ICV	B				4.8671		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
5	1858	1			ICV	BA				4.8034		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
6	1858	1			ICV	BE				5.0599		1.0000	07/26/95	12:10	dks	0.005	@ICP-QC
7	1858	1			ICV	BI				4.9618		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
8	1858	1			ICV	CA				5.0488		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
[illegible]	1858	1			ICV	CD				5.0381		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
[illegible]	1858	1			ICV	CE				4.9835		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
[illegible]	1858	1			ICV	CO				5.0471		1.0000	07/26/95	12:10	dks	0.02	@ICP-QC
12	1858	1			ICV	CR				5.0324		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
13	1858	1			ICV	CU				4.8561		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
14	1858	1			ICV	EU				0.0064		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
15	1858	1			ICV	FE				5.0044		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
16	1858	1			ICV	K				4.8341		1.0000	07/26/95	12:10	dks	0.3	@ICP-QC
17	1858	1			ICV	LA				4.9148		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
18	1858	1			ICV	LI				4.8233		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
19	1858	1			ICV	MG				4.8713		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
20	1858	1			ICV	MN				4.8654		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
21	1858	1			ICV	MO				5.0075		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
22	1858	1			ICV	NA				4.8737		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
23	1858	1			ICV	ND				5.0887		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
24	1858	1			ICV	NI				4.9595		1.0000	07/26/95	12:10	dks	0.02	@ICP-QC
25	1858	1			ICV	P				4.9784		1.0000	07/26/95	12:10	dks	0.2	@ICP-QC
26	1858	1			ICV	PB				5.0214		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
27	1858	1			ICV	S				4.9732		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
28	1858	1			ICV	SB				4.7546		1.0000	07/26/95	12:10	dks	0.2	@ICP-QC
29	1858	1			ICV	SE				4.9795		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
30	1858	1			ICV	SI				5.0795		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
31	1858	1			ICV	SM				4.9159		1.0000	07/26/95	12:10	dks	0.1	@ICP-QC
32	1858	1			ICV	SR				4.8523		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
33	1858	1			ICV	TH				-0.0200		1.0000	07/26/95	12:10	dks	0	@ICP-QC
34	1858	1			ICV	TI				4.7991		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
35	1858	1			ICV	TL				4.9078		1.0000	07/26/95	12:10	dks	0.2	@ICP-QC
36	1858	1			ICV	U				9.5683		1.0000	07/26/95	12:10	dks	0.4	@ICP-QC
37	1858	1			ICV	V				4.9352		1.0000	07/26/95	12:10	dks	0.05	@ICP-QC
38	1858	1			ICV	Y				0.0135		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
39	1858	1			ICV	ZN				5.0021		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
40	1858	1			ICV	ZR				4.8958		1.0000	07/26/95	12:10	dks	0.01	@ICP-QC
41	1858	2			ICB	AG				-0.0002		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
42	1858	2			ICB	AL				-0.0244		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
43	1858	2			ICB	AS				0.0066		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
44	1858	2			ICB	B				-0.0060		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
45	1858	2			ICB	BA				-0.0001		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
46	1858	2			ICB	BE				-0.0004		1.0000	07/26/95	12:18	dks	0.005	@ICP-QC
47	1858	2			ICB	BI				-0.0452		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
48	1858	2			ICB	CA				0.0003		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
49	1858	2			ICB	CD				-0.0005		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
50	1858	2			ICB	CE				0.0064		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
51	1858	2			ICB	CO				0.0003		1.0000	07/26/95	12:18	dks	0.02	@ICP-QC
52	1858	2			ICB	CR				-0.0011		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
53	1858	2			ICB	CU				-0.0000		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
54	1858	2			ICB	EU				0.0007		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
55	1858	2			ICB	FE				-0.0004		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
56	1858	2			ICB	K				0.0074		1.0000	07/26/95	12:18	dks	0.3	@ICP-QC
57	1858	2			ICB	LA				-0.0011		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
58	1858	2			ICB	LI				0.0017		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
59	1858	2			ICB	MG				0.0090		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
[illegible]	1858	2			ICB	MN				0.0000		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
[illegible]	1858	2			ICB	MO				0.0006		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
[illegible]	1858	2			ICB	NA				0.0099		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
[illegible]	1858	2			ICB	ND				0.0034		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
64	1858	2			ICB	NI				0.0062		1.0000	07/26/95	12:18	dks	0.02	@ICP-QC
65	1858	2			ICB	P				0.0023		1.0000	07/26/95	12:18	dks	0.2	@ICP-QC
66	1858	2			ICB	PB				0.0063		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
67	1858	2			ICB	S				0.0049		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
68	1858	2			ICB	SB				-0.0068		1.0000	07/26/95	12:18	dks	0.2	@ICP-QC
69	1858	2			ICB	SE				0.0080		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
70	1858	2			ICB	SI				-0.0019		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
71	1858	2			ICB	SM				0.0079		1.0000	07/26/95	12:18	dks	0.1	@ICP-QC
72	1858	2			ICB	SR				0.0001		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
73	1858	2			ICB	TH				-0.0071		1.0000	07/26/95	12:18	dks	0	@ICP-QC
74	1858	2			ICB	TI				0.0006		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
75	1858	2			ICB	TL				-0.0039		1.0000	07/26/95	12:18	dks	0.2	@ICP-QC
76	1858	2			ICB	U				0.0377		1.0000	07/26/95	12:18	dks	0.4	@ICP-QC
77	1858	2			ICB	V				0.0018		1.0000	07/26/95	12:18	dks	0.05	@ICP-QC
78	1858	2			ICB	Y				0.0005		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
79	1858	2			ICB	ZN				0.0004		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
80	1858	2			ICB	ZR				0.0005		1.0000	07/26/95	12:18	dks	0.01	@ICP-QC
81	1858	3			ICSA	AG				-0.0012		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
82	1858	3			ICSA	AL				245.6268		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
83	1858	3			ICSA	AS				-0.1919		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
84	1858	3			ICSA	B				-0.0072		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
85	1858	3			ICSA	BA				0.0019		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
86	1858	3			ICSA	BE				-0.0001		1.0000	07/26/95	12:21	dks	0.005	@ICP-QC
87	1858	3			ICSA	BI				-0.0634		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
88	1858	3			ICSA	CA				232.5801		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
89	1858	3			ICSA	CD				-0.0034		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
90	1858	3			ICSA	CE				0.0267		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
91	1858	3			ICSA	CO				0.0004		1.0000	07/26/95	12:21	dks	0.02	@ICP-QC
92	1858	3			ICSA	CR				0.0065		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
93	1858	3			ICSA	CU				-0.0110		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
94	1858	3			ICSA	EU				0.0265		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
95	1858	3			ICSA	FE				91.5852		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
96	1858	3			ICSA	K				0.2704		1.0000	07/26/95	12:21	dks	0.3	@ICP-QC
97	1858	3			ICSA	LA				-0.0032		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
98	1858	3			ICSA	LI				0.0026		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
99	1858	3			ICSA	MG				249.8458		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
100	1858	3			ICSA	MN				-0.0082		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
101	1858	3			ICSA	MO				-0.0046		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
102	1858	3			ICSA	NA				195.2664		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
103	1858	3			ICSA	ND				0.0126		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
104	1858	3			ICSA	NI				-0.0200		1.0000	07/26/95	12:21	dks	0.02	@ICP-QC
105	1858	3			ICSA	P				-0.0129		1.0000	07/26/95	12:21	dks	0.2	@ICP-QC
106	1858	3			ICSA	PB				0.0284		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
107	1858	3			ICSA	S				-0.0137		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
108	1858	3			ICSA	SB				-0.0111		1.0000	07/26/95	12:21	dks	0.2	@ICP-QC
109	1858	3			ICSA	SE				-0.1077		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
110	1858	3			ICSA	SI				0.0309		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
[illegible]	1858	3			ICSA	SM				-0.0084		1.0000	07/26/95	12:21	dks	0.1	@ICP-QC
[illegible]	1858	3			ICSA	SR				0.0020		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
[illegible]	1858	3			ICSA	TH				-0.0143		1.0000	07/26/95	12:21	dks	0	@ICP-QC
[illegible]4	1858	3			ICSA	TI				0.0022		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
115	1858	3			ICSA	TL				-0.0032		1.0000	07/26/95	12:21	dks	0.2	@ICP-QC
116	1858	3			ICSA	U				0.2089		1.0000	07/26/95	12:21	dks	0.4	@ICP-QC
117	1858	3			ICSA	V				-0.0041		1.0000	07/26/95	12:21	dks	0.05	@ICP-QC
118	1858	3			ICSA	Y				0.0071		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
119	1858	3			ICSA	ZN				0.0007		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
120	1858	3			ICSA	ZR				-0.0044		1.0000	07/26/95	12:21	dks	0.01	@ICP-QC
121	1858	4			ICSAB	AG				0.9701		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
122	1858	4			ICSAB	AL				245.5267		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
123	1858	4			ICSAB	AS				-0.1728		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
124	1858	4			ICSAB	B				-0.0060		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
125	1858	4			ICSAB	BA				0.4651		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
126	1858	4			ICSAB	BE				0.4762		1.0000	07/26/95	12:27	dks	0.005	@ICP-QC
127	1858	4			ICSAB	BI				0.0097		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
128	1858	4			ICSAB	CA				236.4757		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
129	1858	4			ICSAB	CD				0.9404		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
130	1858	4			ICSAB	CE				0.0212		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
131	1858	4			ICSAB	CO				0.4678		1.0000	07/26/95	12:27	dks	0.02	@ICP-QC
132	1858	4			ICSAB	CR				0.4783		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
133	1858	4			ICSAB	CU				0.4704		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
134	1858	4			ICSAB	EU				0.0236		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
135	1858	4			ICSAB	FE				92.2596		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
136	1858	4			ICSAB	K				0.0582		1.0000	07/26/95	12:27	dks	0.3	@ICP-QC
137	1858	4			ICSAB	LA				-0.0040		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
138	1858	4			ICSAB	LI				0.9699		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
139	1858	4			ICSAB	MG				250.2954		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
140	1858	4			ICSAB	MN				0.4428		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
141	1858	4			ICSAB	MO				-0.0068		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
142	1858	4			ICSAB	NA				195.5462		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
143	1858	4			ICSAB	ND				0.0087		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
144	1858	4			ICSAB	NI				0.8919		1.0000	07/26/95	12:27	dks	0.02	@ICP-QC
145	1858	4			ICSAB	P				-0.0275		1.0000	07/26/95	12:27	dks	0.2	@ICP-QC
146	1858	4			ICSAB	PB				0.9644		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
147	1858	4			ICSAB	S				-0.0247		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
148	1858	4			ICSAB	SB				0.0056		1.0000	07/26/95	12:27	dks	0.2	@ICP-QC
149	1858	4			ICSAB	SE				-0.0655		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
150	1858	4			ICSAB	SI				0.0354		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
151	1858	4			ICSAB	SM				-0.0056		1.0000	07/26/95	12:27	dks	0.1	@ICP-QC
152	1858	4			ICSAB	SR				0.0020		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
153	1858	4			ICSAB	TH				-0.0070		1.0000	07/26/95	12:27	dks	0	@ICP-QC
154	1858	4			ICSAB	TI				0.0020		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
155	1858	4			ICSAB	TL				0.0322		1.0000	07/26/95	12:27	dks	0.2	@ICP-QC
156	1858	4			ICSAB	U				0.1868		1.0000	07/26/95	12:27	dks	0.4	@ICP-QC
157	1858	4			ICSAB	V				0.4652		1.0000	07/26/95	12:27	dks	0.05	@ICP-QC
158	1858	4			ICSAB	Y				0.0075		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
159	1858	4			ICSAB	ZN				0.9619		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
160	1858	4			ICSAB	ZR				-0.0043		1.0000	07/26/95	12:27	dks	0.01	@ICP-QC
161	1858	5			PREPBLKTJA	AG-F-01				0.0021		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
162	1858	5			PREPBLKTJA	AL-F-01				0.0690		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
163	1858	5			PREPBLKTJA	AS-F-01				0.1678		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
164	1858	5			PREPBLKTJA	B-F-01				-0.0006		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
165	1858	5			PREPBLKTJA	BA-F-01				0.0216		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
166	1858	5			PREPBLKTJA	BE-F-01				-0.0025		10.0000	07/26/95	12:34	dks	0.005	@ICP-F0
167	1858	5			PREPBLKTJA	BI-F-01				0.0666		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
168	1858	5			PREPBLKTJA	CA-F-01				0.2734		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
169	1858	5			PREPBLKTJA	CD-F-01				0.0129		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
170	1858	5			PREPBLKTJA	CE-F-01				0.3222		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
171	1858	5			PREPBLKTJA	CO-F-01				0.0279		10.0000	07/26/95	12:34	dks	0.02	@ICP-F0
172	1858	5			PREPBLKTJA	CR-F-01				0.0018		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
173	1858	5			PREPBLKTJA	CU-F-01				0.0461		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
174	1858	5			PREPBLKTJA	EU-F-01				0.0245		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
175	1858	5			PREPBLKTJA	FE-F-01				0.2693		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
176	1858	5			PREPBLKTJA	K-F-01				16349.7754		10.0000	07/26/95	12:34	dks	0.3	@ICP-F0
177	1858	5			PREPBLKTJA	LA-F-01				0.0371		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
178	1858	5			PREPBLKTJA	LI-F-01				0.0228		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
179	1858	5			PREPBLKTJA	MG-F-01				0.2303		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
180	1858	5			PREPBLKTJA	MN-F-01				0.0423		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
181	1858	5			PREPBLKTJA	MO-F-01				-0.0053		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
182	1858	5			PREPBLKTJA	NA-F-01				4.8934		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
183	1858	5			PREPBLKTJA	ND-F-01				0.0606		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
184	1858	5			PREPBLKTJA	NI-F-01				10.6284		10.0000	07/26/95	12:34	dks	0.02	@ICP-F0
185	1858	5			PREPBLKTJA	P-F-01				-0.0130		10.0000	07/26/95	12:34	dks	0.2	@ICP-F0
186	1858	5			PREPBLKTJA	PB-F-01				0.1730		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
187	1858	5			PREPBLKTJA	S-F-01				0.0749		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
188	1858	5			PREPBLKTJA	SB-F-01				0.0448		10.0000	07/26/95	12:34	dks	0.2	@ICP-F0
189	1858	5			PREPBLKTJA	SE-F-01				0.3108		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
190	1858	5			PREPBLKTJA	SI-F-01				0.1606		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
191	1858	5			PREPBLKTJA	SM-F-01				0.2244		10.0000	07/26/95	12:34	dks	0.1	@ICP-F0
192	1858	5			PREPBLKTJA	SR-F-01				0.0098		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
193	1858	5			PREPBLKTJA	TH-F-01				0.3036		10.0000	07/26/95	12:34	dks	0	@ICP-F0
194	1858	5			PREPBLKTJA	TI-F-01				0.0147		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
195	1858	5			PREPBLKTJA	TL-F-01				0.0922		10.0000	07/26/95	12:34	dks	0.2	@ICP-F0
196	1858	5			PREPBLKTJA	U-F-01				-3.6482		10.0000	07/26/95	12:34	dks	0.4	@ICP-F0
197	1858	5			PREPBLKTJA	V-F-01				0.0528		10.0000	07/26/95	12:34	dks	0.05	@ICP-F0
198	1858	5			PREPBLKTJA	Y-F-01				0.0133		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
199	1858	5			PREPBLKTJA	ZN-F-01				0.0270		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
200	1858	5			PREPBLKTJA	ZR-F-01				0.0102		10.0000	07/26/95	12:34	dks	0.01	@ICP-F0
201	1858	6	S95T001230			LI-F-01				79.2477		4826.3000	07/26/95	12:42	dks	0.01	@ICP-F0
202	1858	7	S95T001230		DUP	LI-F-01		79.2477		70.8695		4730.4000	07/26/95	12:46	dks	0.01	@ICP-F0
203	1858	8	S95T001230_A		SPK	LI-F-01		4826.30		4647.2694		4826.3000	07/26/95	12:51	dks	0.01	@ICP-F0
204	1858	9			CCV	AG				4.9927		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
205	1858	9			CCV	AL				4.8522		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
206	1858	9			CCV	AS				5.2324		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
207	1858	9			CCV	B				4.8905		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
208	1858	9			CCV	BA				4.7535		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
209	1858	9			CCV	BE				5.1670		1.0000	07/26/95	13:02	dks	0.005	@ICP-QC
210	1858	9			CCV	BI				5.0465		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
211	1858	9			CCV	CA				5.3151		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
212	1858	9			CCV	CD				5.2498		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
213	1858	9			CCV	CE				4.9579		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
214	1858	9			CCV	CO				5.2020		1.0000	07/26/95	13:02	dks	0.02	@ICP-QC
215	1858	9			CCV	CR				5.1846		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
216	1858	9			CCV	CU				4.8094		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
217	1858	9			CCV	EU				0.0099		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
218	1858	9			CCV	FE				5.1351		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
219	1858	9			CCV	K				4.7280		1.0000	07/26/95	13:02	dks	0.3	@ICP-QC
220	1858	9			CCV	LA				4.8766		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
221	1858	9			CCV	LI				4.6748		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
222	1858	9			CCV	MG				4.9269		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
223	1858	9			CCV	MN				4.9978		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
224	1858	9			CCV	MO				5.1529		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
225	1858	9			CCV	NA				4.8224		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
226	1858	9			CCV	ND				5.0267		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
227	1858	9			CCV	NI				5.1528		1.0000	07/26/95	13:02	dks	0.02	@ICP-QC
228	1858	9			CCV	P				5.3243		1.0000	07/26/95	13:02	dks	0.2	@ICP-QC
229	1858	9			CCV	PB				5.2506		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
230	1858	9			CCV	S				5.1746		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
231	1858	9			CCV	SB				4.8441		1.0000	07/26/95	13:02	dks	0.2	@ICP-QC
232	1858	9			CCV	SE				5.1615		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
233	1858	9			CCV	SI				5.2239		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
234	1858	9			CCV	SM				4.8946		1.0000	07/26/95	13:02	dks	0.1	@ICP-QC
235	1858	9			CCV	SR				4.8093		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
236	1858	9			CCV	TH				-0.0275		1.0000	07/26/95	13:02	dks	0	@ICP-QC
237	1858	9			CCV	TI				4.8223		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
238	1858	9			CCV	TL				5.0550		1.0000	07/26/95	13:02	dks	0.2	@ICP-QC
239	1858	9			CCV	U				9.8433		1.0000	07/26/95	13:02	dks	0.4	@ICP-QC
240	1858	9			CCV	V				5.0285		1.0000	07/26/95	13:02	dks	0.05	@ICP-QC
241	1858	9			CCV	Y				0.0159		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
242	1858	9			CCV	ZN				5.1823		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
243	1858	9			CCV	ZR				4.9348		1.0000	07/26/95	13:02	dks	0.01	@ICP-QC
244	1858	10			CCB	AG				-0.0010		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
245	1858	10			CCB	AL				-0.0180		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
246	1858	10			CCB	AS				-0.0070		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
247	1858	10			CCB	B				-0.0023		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
248	1858	10			CCB	BA				0.0003		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
249	1858	10			CCB	BE				-0.0003		1.0000	07/26/95	13:08	dks	0.005	@ICP-QC
250	1858	10			CCB	BI				-0.0206		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
251	1858	10			CCB	CA				0.0051		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
252	1858	10			CCB	CD				0.0004		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
[illegible]	1858	10			CCB	CE				0.0180		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
[illegible]	1858	10			CCB	CO				-0.0012		1.0000	07/26/95	13:08	dks	0.02	@ICP-QC
[illegible]	1858	10			CCB	CR				-0.0003		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
256	1858	10			CCB	CU				-0.0010		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
257	1858	10			CCB	EU				0.0045		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
258	1858	10			CCB	FE				0.0009		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
259	1858	10			CCB	K				-0.0272		1.0000	07/26/95	13:08	dks	0.3	@ICP-QC
260	1858	10			CCB	LA				0.0017		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
261	1858	10			CCB	LI				0.0055		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
262	1858	10			CCB	MG				-0.0014		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
263	1858	10			CCB	MN				0.0011		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
264	1858	10			CCB	MO				0.0010		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
265	1858	10			CCB	NA				0.0497		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
266	1858	10			CCB	ND				0.0036		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
267	1858	10			CCB	NI				0.0042		1.0000	07/26/95	13:08	dks	0.02	@ICP-QC
268	1858	10			CCB	P				0.0032		1.0000	07/26/95	13:08	dks	0.2	@ICP-QC
269	1858	10			CCB	PB				-0.0151		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
270	1858	10			CCB	S				-0.0013		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
271	1858	10			CCB	SB				-0.0037		1.0000	07/26/95	13:08	dks	0.2	@ICP-QC
272	1858	10			CCB	SE				0.0592		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
273	1858	10			CCB	SI				0.0180		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
274	1858	10			CCB	SM				0.0491		1.0000	07/26/95	13:08	dks	0.1	@ICP-QC
275	1858	10			CCB	SR				0.0007		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
276	1858	10			CCB	TH				-0.0112		1.0000	07/26/95	13:08	dks	0	@ICP-QC
277	1858	10			CCB	TI				0.0001		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
278	1858	10			CCB	TL				0.0084		1.0000	07/26/95	13:08	dks	0.2	@ICP-QC
279	1858	10			CCB	U				0.2038		1.0000	07/26/95	13:08	dks	0.4	@ICP-QC
280	1858	10			CCB	V				0.0102		1.0000	07/26/95	13:08	dks	0.05	@ICP-QC
281	1858	10			CCB	Y				0.0028		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
282	1858	10			CCB	ZN				-0.0004		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
283	1858	10			CCB	ZR				0.0075		1.0000	07/26/95	13:08	dks	0.01	@ICP-QC
284	1858	11	S95T001236			LI-F-01				84.7045		5084.4000	07/26/95	13:16	dks	0.01	@ICP-F0
285	1858	12	S95T001236		DUP	LI-F-01		84.7045		74.8305		5202.9000	07/26/95	13:19	dks	0.01	@ICP-F0
286	1858	13	S95T001236_A		SPK	LI-F-01		5084.40		4825.10653		5084.4000	07/26/95	13:23	dks	0.01	@ICP-F0
287	1858	14			ICSA	AG				-0.0017		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
288	1858	14			ICSA	AL				248.2970		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
289	1858	14			ICSA	AS				-0.1771		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
290	1858	14			ICSA	B				-0.0064		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
291	1858	14			ICSA	BA				0.0018		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
292	1858	14			ICSA	BE				-0.0001		1.0000	07/26/95	13:37	dks	0.005	@ICP-QC
293	1858	14			ICSA	BI				-0.0487		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
294	1858	14			ICSA	CA				240.6563		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
295	1858	14			ICSA	CD				-0.0033		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
296	1858	14			ICSA	CE				0.0209		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
297	1858	14			ICSA	CO				-0.0003		1.0000	07/26/95	13:37	dks	0.02	@ICP-QC
298	1858	14			ICSA	CR				0.0063		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
299	1858	14			ICSA	CU				-0.0124		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
300	1858	14			ICSA	EU				0.0161		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
301	1858	14			ICSA	FE				93.8039		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
302	1858	14			ICSA	K				0.3023		1.0000	07/26/95	13:37	dks	0.3	@ICP-QC
303	1858	14			ICSA	LA				-0.0040		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
[illegible]	1858	14			ICSA	LI				0.0036		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
[illegible]	1858	14			ICSA	MG				253.8512		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
[illegible]	1858	14			ICSA	MN				-0.0080		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
307	1858	14			ICSA	MO72 1858				-0.0084		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
308	1858	14			ICSA	NA				195.9651		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
309	1858	14			ICSA	ND				0.0063		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
310	1858	14			ICSA	NI				-0.0132		1.0000	07/26/95	13:37	dks	0.02	@ICP-QC
311	1858	14			ICSA	P				-0.0173		1.0000	07/26/95	13:37	dks	0.2	@ICP-QC
312	1858	14			ICSA	PB				0.0327		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
313	1858	14			ICSA	S				-0.0121		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
314	1858	14			ICSA	SB				-0.0100		1.0000	07/26/95	13:37	dks	0.2	@ICP-QC
315	1858	14			ICSA	SE				-0.0550		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
316	1858	14			ICSA	SI				0.0392		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
317	1858	14			ICSA	SM				0.0002		1.0000	07/26/95	13:37	dks	0.1	@ICP-QC
318	1858	14			ICSA	SR				0.0020		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
319	1858	14			ICSA	TH				-0.0054		1.0000	07/26/95	13:37	dks	0	@ICP-QC
320	1858	14			ICSA	TI				0.0016		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
321	1858	14			ICSA	TL				0.0500		1.0000	07/26/95	13:37	dks	0.2	@ICP-QC
322	1858	14			ICSA	U				0.1923		1.0000	07/26/95	13:37	dks	0.4	@ICP-QC
323	1858	14			ICSA	V				-0.0022		1.0000	07/26/95	13:37	dks	0.05	@ICP-QC
324	1858	14			ICSA	Y				0.0077		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
325	1858	14			ICSA	ZN				0.0001		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
326	1858	14			ICSA	ZR				-0.0036		1.0000	07/26/95	13:37	dks	0.01	@ICP-QC
327	1858	15			ICSAB	AG				0.9877		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
328	1858	15			ICSAB	AL				251.4893		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
329	1858	15			ICSAB	AS				-0.2077		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
330	1858	15			ICSAB	B				-0.0069		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
331	1858	15			ICSAB	BA				0.4748		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
332	1858	15			ICSAB	BE				0.4858		1.0000	07/26/95	13:41	dks	0.005	@ICP-QC
333	1858	15			ICSAB	BI				-0.0063		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
334	1858	15			ICSAB	CA				240.3992		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
335	1858	15			ICSAB	CD				0.9484		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
336	1858	15			ICSAB	CE				0.0283		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
337	1858	15			ICSAB	CO				0.4705		1.0000	07/26/95	13:41	dks	0.02	@ICP-QC
338	1858	15			ICSAB	CR				0.4854		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
339	1858	15			ICSAB	CU				0.4813		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
340	1858	15			ICSAB	EU				0.0219		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
341	1858	15			ICSAB	FE				93.8055		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
342	1858	15			ICSAB	K				0.1421		1.0000	07/26/95	13:41	dks	0.3	@ICP-QC
343	1858	15			ICSAB	LA				-0.0031		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
344	1858	15			ICSAB	LI				1.0194		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
345	1858	15			ICSAB	MG				255.6568		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
346	1858	15			ICSAB	MN				0.4492		1.0000	07/26/95	13.41	dks	0.01	@ICP-QC
347	1858	15			ICSAB	MO				-0.0089		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
348	1858	15			ICSAB	NA				201.0953		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
349	1858	15			ICSAB	ND				0.0085		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
350	1858	15			ICSAB	NI				0.9280		1.0000	07/26/95	13:41	dks	0.02	@ICP-QC
351	1858	15			ICSAB	P				-0.0062		1.0000	07/26/95	13:41	dks	0.2	@ICP-QC
352	1858	15			ICSAB	PB				0.9884		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
353	1858	15			ICSAB	S				-0.0222		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
354	1858	15			ICSAB	SB				-0.0075		1.0000	07/26/95	13:41	dks	0.2	@ICP-QC
[illegible]	1858	15			ICSAB	SE				-0.0991		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
[illegible]	1858	15			ICSAB	SI				0.0336		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
[illegible]	1858	15			ICSAB	SM				-0.0127		1.0000	07/26/95	13:41	dks	0.1	@ICP-QC
[illegible]	1858	15			ICSAB	SR				0.0020		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
359	1858	15			ICSAB	TH				-0.0093		1.0000	07/26/95	13:41	dks	0	@ICP-QC
360	1858	15			ICSAB	TI				0.0020		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
361	1858	15			ICSAB	TL				0.0281		1.0000	07/26/95	13:41	dks	0.2	@ICP-QC
362	1858	15			ICSAB	U				0.1770		1.0000	07/26/95	13:41	dks	0.4	@ICP-QC
363	1858	15			ICSAB	V				0.4715		1.0000	07/26/95	13:41	dks	0.05	@ICP-QC
364	1858	15			ICSAB	Y				0.0073		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
365	1858	15			ICSAB	ZN				0.9752		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC
366	1858	15			ICSAB	ZR				-0.0051		1.0000	07/26/95	13:41	dks	0.01	@ICP-QC

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ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
367	1858	16			CCV	AG				5.1560		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
368	1858	16			CCV	AL				5.1378		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
369	1858	16			CCV	AS				5.2960		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
370	1858	16			CCV	B				5.1209		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
371	1858	16			CCV	BA				5.1181		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
372	1858	16			CCV	BE				5.3244		1.0000	07/26/95	13:54	dks	0.005	@ICP-QC
373	1858	16			CCV	BI				5.1443		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
374	1858	16			CCV	CA				5.2746		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
375	1858	16			CCV	CD				5.1948		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
376	1858	16			CCV	CE				5.2803		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
377	1858	16			CCV	CO				5.2279		1.0000	07/26/95	13:54	dks	0.02	@ICP-QC
378	1858	16			CCV	CR				5.2346		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
379	1858	16			CCV	CU				5.1520		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
380	1858	16			CCV	EU				0.0049		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
381	1858	16			CCV	FE				5.2349		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
382	1858	16			CCV	K				4.8587		1.0000	07/26/95	13:54	dks	0.3	@ICP-QC
383	1858	16			CCV	LA				5.2328		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
384	1858	16			CCV	LI				5.2349		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
385	1858	16			CCV	MG				5.0669		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
386	1858	16			CCV	MN				5.0754		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
387	1858	16			CCV	MO				5.2327		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
388	1858	16			CCV	NA				5.2048		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
389	1858	16			CCV	ND				5.4447		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
390	1858	16			CCV	NI				5.1743		1.0000	07/26/95	13:54	dks	0.02	@ICP-QC
391	1858	16			CCV	P				5.4786		1.0000	07/26/95	13:54	dks	0.2	@ICP-QC
392	1858	16			CCV	PB				5.1590		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
393	1858	16			CCV	S				5.2255		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
394	1858	16			CCV	SB				4.9368		1.0000	07/26/95	13:54	dks	0.2	@ICP-QC
395	1858	16			CCV	SE				5.2184		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
396	1858	16			CCV	SI				5.2656		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
397	1858	16			CCV	SM				5.2464		1.0000	07/26/95	13:54	dks	0.1	@ICP-QC
398	1858	16			CCV	SR				5.1852		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
399	1858	16			CCV	TH				-0.0206		1.0000	07/26/95	13:54	dks	0	@ICP-QC
400	1858	16			CCV	TI				5.0631		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
401	1858	16			CCV	TL				5.0330		1.0000	07/26/95	13:54	dks	0.2	@ICP-QC
402	1858	16			CCV	U				10.4749		1.0000	07/26/95	13:54	dks	0.4	@ICP-QC
403	1858	16			CCV	V				5.1810		1.0000	07/26/95	13:54	dks	0.05	@ICP-QC
404	1858	16			CCV	Y				0.0130		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
405	1858	16			CCV	ZN				5.1590		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
406	1858	16			CCV	ZR				5.1632		1.0000	07/26/95	13:54	dks	0.01	@ICP-QC
407	1858	17			CCB	AG				-0.0005		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
408	1858	17			CCB	AL				-0.0145		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
409	1858	17			CCB	AS				-0.0057		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
410	1858	17			CCB	B				-0.0056		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
411	1858	17			CCB	BA				0.0001		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
412	1858	17			CCB	BE				-0.0003		1.0000	07/26/95	13:57	dks	0.005	@ICP-QC
413	1858	17			CCB	BI				-0.0216		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
414	1858	17			CCB	CA				0.0023		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
415	1858	17			CCB	CD				0.0005		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
416	1858	17			CCB	CE				0.0159		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
417	1858	17			CCB	CO				0.0006		1.0000	07/26/95	13:57	dks	0.02	@ICP-QC
418	1858	17			CCB	CR				-0.0012		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
419	1858	17			CCB	CU				0.0002		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
420	1858	17			CCB	EU				-0.0006		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
421	1858	17			CCB	FE				0.0003		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
422	1858	17			CCB	K				0.0704		1.0000	07/26/95	13:57	dks	0.3	@ICP-QC
423	1858	17			CCB	LA				0.0013		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
424	1858	17			CCB	LI				0.0002		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
425	1858	17			CCB	MG				0.0065		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
426	1858	17			CCB	MN				-0.0003		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
427	1858	17			CCB	MO				0.0006		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
428	1858	17			CCB	NA				-0.0061		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
429	1858	17			CCB	ND				0.0024		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
430	1858	17			CCB	NI				0.0039		1.0000	07/26/95	13:57	dks	0.02	@ICP-QC
431	1858	17			CCB	P				0.0126		1.0000	07/26/95	13:57	dks	0.2	@ICP-QC
432	1858	17			CCB	PB				0.0026		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
433	1858	17			CCB	S				-0.0029		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
434	1858	17			CCB	SB				-0.0018		1.0000	07/26/95	13:57	dks	0.2	@ICP-QC
435	1858	17			CCB	SE				0.0048		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
436	1858	17			CCB	SI				-0.0039		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
437	1858	17			CCB	SM				-0.0096		1.0000	07/26/95	13:57	dks	0.1	@ICP-QC
438	1858	17			CCB	SR				-0.0002		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
439	1858	17			CCB	TH				0.0025		1.0000	07/26/95	13:57	dks	0	@ICP-QC
440	1858	17			CCB	TI				0.0006		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
441	1858	17			CCB	TL				0.0125		1.0000	07/26/95	13:57	dks	0.2	@ICP-QC
442	1858	17			CCB	U				-0.0321		1.0000	07/26/95	13:57	dks	0.4	@ICP-QC
443	1858	17			CCB	V				-0.0015		1.0000	07/26/95	13:57	dks	0.05	@ICP-QC
444	1858	17			CCB	Y				-0.0003		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
445	1858	17			CCB	ZN				-0.0006		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC
446	1858	17			CCB	ZR				-0.0005		1.0000	07/26/95	13:57	dks	0.01	@ICP-QC

WHC-SD-WM-DP-139, REV. 1

LABCORE Data Entry Template for Worklist# 1859

Analyst: DK Sato **Instrument:** ICP02 **Book#** 43B48B

Method: LA-505-151 Rev/Mod A-1

Worklist Comment: ICP B-101 FUSION (Li only)

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	PREPBLKTJA				@ICP-F03	SOLID		
6	SAMPLE	S95T001245	0	F	@ICP-F03	SOLID	95000093	B-101
	Analytes Requested: LI-F-01							
7	DUP	S95T001245	0	F	@ICP-F03	SOLID		
8	SPK	S95T001245	0	F	@ICP-F03	SOLID		
	CCV				@ICP-QC	QC		
10	CCB				@ICP-QC	QC		
11	PREPBLKTJA				@ICP-F03	SOLID		
12	SAMPLE	S95T001221	0	F	@ICP-F03	SOLID	95000091	B-101
	Analytes Requested: LI-F-01							
13	DUP	S95T001221	0	F	@ICP-F03	SOLID		
14	SPK	S95T001221	0	F	@ICP-F03	SOLID		
15	ICSA				@ICP-QC	QC		
16	ICSAB				@ICP-QC	QC		
17	CCV				@ICP-QC	QC		
18	CCB				@ICP-QC	QC		

Data Entry Comments:

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

LABCORE Data Entry Template for Worklist# 1859

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
18	ICSA				@ICP-QC	QC		
19	ICSAB				@ICP-QC	QC		
20	CCV				@ICP-QC	QC		
21	CCB				@ICP-QC	QC		

Final page for worklist # 1859

DK 07-24-95
Analyst Signature Date

Reviewed + Validated by:
Karl M. Parrish 07/25/95
Analyst Signature Date

Prepblk TJQ 1-9 ml
595T001245_L, .5578g → 250 ml, 1-9-2-8, (250 x 50)/.5578 = 22409.5
595T001245 .5578g → 250 1-9 (250 x 10)/.5578 = 4481.5
595T001245_D .5489g → 250 1-9 (250 x 10)/.5489 = 4554.6
595T001245_a .5578g → 250 1-9 (250 x 10)/.5578 = 4481.5 1ml sample + 2 ml SSTS + 7 ml HNO_3

~~5957~~ 7-24-95
Prepblk TJQ 1-9 ml
595T001221_L, .5578g → 250 ml, 1-9-2-8, (250 x 50)/.5578 = 22409.5
595T001221 .5578g → 250 1-9 (250 x 10)/.5578 = 4481.5
595T001221_D .5529g → 250 1-9 (250 x 10)/.5529 = 4521.6
595T001221_a .5578g → 250 1-9 (250 x 10)/.5578 = 4481.5 1ml sample + 2ml SSTS + 7ml HNO_3

Data Entry Comments:

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

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950724B	ICP2	07/24/95	12:32	DKS	Q	CONC
2	ICB	950724B	ICP2	07/24/95	12:36	DKS	Q	CONC
3	ICSA	950724B	ICP2	07/24/95	12:39	DKS	Q	CONC
4	ICSAB	950724B	ICP2	07/24/95	12:43	DKS	Q	CONC
5	PREPBLKTJA	950724B	ICP2	07/24/95	12:48	DKS	S	CONC
6	S95T001245_L	950724B	ICP2	07/24/95	12:52	DKS	S	CONC
7	S95T001245	950724B	ICP2	07/24/95	12:56	DKS	S	CONC
8	S95T001245_D	950724B	ICP2	07/24/95	13:00	DKS	S	CONC
9	S95T001245_A	950724B	ICP2	07/24/95	13:05	DKS	S	CONC
10	CCV	950724B	ICP2	07/24/95	13:51	DKS	Q	CONC
11	CCB	950724B	ICP2	07/24/95	13:55	DKS	Q	CONC
12	PREPBLKTJA	950724B	ICP2	07/24/95	13:59	DKS	S	CONC
13	S95T001221_L	950724B	ICP2	07/24/95	14:07	DKS	S	CONC
14	S95T001221	950724B	ICP2	07/24/95	14:10	DKS	S	CONC
15	S95T001221_D	950724B	ICP2	07/24/95	14:14	DKS	S	CONC
16	S95T001221_A	950724B	ICP2	07/24/95	14:39	DKS	S	CONC
17	ICSA	950724B	ICP2	07/24/95	14:47	DKS	Q	CONC
18	ICSAB	950724B	ICP2	07/24/95	14:51	DKS	Q	CONC
19	CCV_1	950724B	ICP2	07/24/95	14:56	DKS	Q	CONC
20	CCB_1	950724B	ICP2	07/24/95	15:00	DKS	Q	CONC

DK [illegible]
07-24-95
B-101 S95T001245
S95T001221
Worklist # 1859

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 251 TO 255.

WHC-SD-WM-DP-139, REV. 1

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.957	5.070	5.314	5.123	5.179	5.329
2	ICB	.0011	.0088	.0132	.0000	.0001	.0003
3	ICSA	-.0001	246.5	.0506	-.0010	.0018	.0003
4	ICSAB	.9430	244.6	-.0003	-.0074	.4757	.4835
5	PREPBLKTJA	.0053	.0869	.0862	-.0630	.0109	.0005
6	S95T001245_L	247.9	224.6	350.0	-53.85	8.439	4.303
7	S95T001245_	229.1	29.75	43.53	2.067	6.336	.2378
8	S95T001245_D	250.5	41.24	6.763	19.67	7.192	.4005
9	S95T001245_A	4285.	4267.	5067.	4351.	4162.	4679.
10	CCV	4.800	4.925	5.055	4.998	4.953	5.102
11	CCB	.0014	-.0112	-.0013	.0038	-.0002	-.0002
12	PREPBLKTJA	-.0021	.0068	.0492	.0562	.0135	-.0033
13	S95T001221_L	137.3	181400.	-57.82	68.81	21.33	-2.891
14	S95T001221_	140.6	178800.	-22.45	32.71	25.78	-.8224
15	S95T001221_D	126.0	187300.	7.023	22.44	25.76	-.6851
16	S95T001221_A	3982.	181100.	4768.	4441.	4163.	4525.
17	ICSA	-.0010	243.5	-.0407	.0021	.0017	-.0000
18	ICSAB	.9474	243.0	-.0261	-.0036	.4616	.4849
19	CCV_1	4.894	4.940	5.279	5.079	4.939	5.293
20	CCB_1	-.0001	-.0071	-.0071	.0047	-.0000	-.0001

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	5.179	5.380	5.206	5.260	5.221	5.261
2	ICB	.0090	-.0025	.0005	.0011	-.0007	-.0002
3	ICSA	.0257	248.1	.0012	.0030	-.0001	.0049
4	ICSAB	-.0140	249.2	.9473	.0057	.4674	.4830
5	PREPBLKTJA	-.0266	.0814	-.0090	.0194	.0172	.0177
6	S95T001245_L	254.5	154.1	-7.876	66.08	-47.08	250.7
7	S95T001245_	-25.67	109.1	7.080	-1.112	1.799	252.6
8	S95T001245_D	187.9	99.05	1.072	64.36	12.08	249.1
9	S95T001245_A	4627.	5406.	4981.	4327.	4887.	5187.
10	CCV	4.960	5.035	5.012	5.036	5.064	5.051
11	CCB	-.0249	-.0027	-.0004	-.0116	-.0025	-.0017
12	PREPBLKTJA	-.4045	.1704	-.0059	-.0819	.0166	-.0111
13	S95T001221_L	-914.7	645.7	29.97	-165.3	6.104	169.7
14	S95T001221_	18.19	709.3	16.99	6.943	-7.660	179.8
15	S95T001221_D	-101.4	655.4	14.54	-21.04	-3.900	179.5
16	S95T001221_A	4431.	5273.	4593.	4359.	4542.	4728.
17	ICSA	-.0502	242.2	-.0015	.0052	-.0002	.0057
18	ICSAB	-.0068	247.8	.9725	.0130	.4800	.4934
19	CCV_1	5.051	5.400	5.306	5.068	5.307	5.279
20	CCB_1	.0113	-.0013	-.0011	-.0023	-.0015	-.0017

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.134	.0062	5.251	4.883	5.240	5.153
2	ICB	.0009	-.0003	.0002	.0509	-.0000	.0001
3	ICSA	-.0094	-.0207	93.37	.0412	-.0045	.0018
4	ICSAB	.4865	-.0236	92.69	.1017	-.0038	.9767
5	PREPBLKTJA	.0210	.0186	.0241	10250.	-.0034	.0147

#	Sample Name	Cu	Eu	Fe	K	La	Li
6	S95T001245_L	14.53	31.76	45.75	4810e3	6.650	130.1
7	S95T001245_	17.69	17.55	45.76	4487e3	-1.099	104.5
8	S95T001245_D	13.96	22.76	62.98	4494e3	7.758	110.4
9	S95T001245_A	4197.	30.85	4816.	4441e3	4292.	3893.
10	CCV	4.970	.0067	5.045	4.926	5.020	5.017
11	CCB	-.0013	-.0006	.0002	-.0892	-.0016	-.0009
12	PREPBLKTJA	.0457	.0326	.2913	14690.	-.0178	.0228
13	S95T001221_L	34.96	-.7547	2507.	6730e3	-19.26	4.638
14	S95T001221_	54.16	3.501	2458.	6491e3	12.92	13.45
15	S95T001221_D	52.18	9.798	2416.	7093e3	5.983	17.31
16	S95T001221_A	4311.	11.53	6913.	6673e3	4339.	4195.
17	ICSA	-.0106	.0048	92.83	-.0682	-.0048	.0035
18	ICSAB	.4729	-.0002	93.74	.1573	-.0051	.9544
19	CCV_1	4.967	.0088	5.216	5.004	5.044	4.862
20	CCB_1	-.0000	.0006	-.0001	-.1610	-.0010	.0003

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	5.028	5.099	5.249	5.117	5.249	5.215
2	ICB	-.0078	.0000	-.0025	-.0004	-.0012	-.0048
3	ICSA	245.2	-.0057	-.0060	193.7	.0004	-.0184
4	ICSAB	243.4	.4505	-.0109	192.6	.0019	.9293
5	PREPBLKTJA	.1115	.0152	-.0141	2.971	.0160	.0501
6	S95T001245_L	-55.28	31.42	12.07	141000.	-13.69	403.1
7	S95T001245_	73.01	27.30	-1.230	131300.	23.89	266.7
8	S95T001245_D	38.40	29.35	-6.869	128600.	8.186	276.7
9	S95T001245_A	4229.	4646.	4923.	132300.	4221.	5198.
10	CCV	4.924	4.921	5.043	4.957	5.154	5.026
11	CCB	-.0114	-.0003	-.0012	-.0037	-.0037	.0048
12	PREPBLKTJA	.0570	.0463	-.0065	4.311	-.0303	12.18
13	S95T001221_L	-131.8	290.9	-18.64	69640.	-98.09	4473.
14	S95T001221_	162.6	288.1	2.014	67880.	-.4601	4483.
15	S95T001221_D	183.0	308.1	2.997	63090.	14.75	4417.
16	S95T001221_A	4418.	4610.	4549.	70850.	4427.	8986.
17	ICSA	247.9	-.0063	-.0074	190.0	.0081	-.0165
18	ICSAB	248.2	.4568	-.0102	189.1	.0067	.9331
19	CCV_1	4.996	5.113	5.261	4.882	5.157	5.277
20	CCB_1	-.0019	.0002	-.0044	.0040	-.0011	-.0007

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.392	5.220	5.098	4.955	5.192	5.007
2	ICB	-.0198	.0123	-.0126	.0021	.0527	.0050
3	ICSA	-.0323	.0207	-.0380	.0121	.0272	.0398
4	ICSAB	-.0171	.9820	-.0246	-.0058	.0269	.0388
5	PREPBLKTJA	.1114	.0749	-.0681	-.0566	.7928	.2353
6	S95T001245_L	1496.	116.8	5383.	-235.8	1010.	382.2
7	S95T001245_	1947.	89.03	5650.	-17.77	-116.5	192.9
8	S95T001245_D	1977.	34.19	5501.	6.293	-16.32	177.2
9	S95T001245_A	7001.	4974.	10430.	4577.	4840.	4860.
10	CCV	5.090	5.009	5.009	4.756	4.987	5.086
11	CCB	.0125	-.0069	-.0157	-.0141	.0063	.0027

#	Sample Name	P	Pb	S	Sb	Se	Si
12	PREPBLKTJA	-.1480	.0532	-.0991	-.0858	.6050	.3191
13	S95T001221_L	1792.	581.9	1981.	-192.7	502.6	3704.
14	S95T001221_	2162.	508.3	2151.	-31.47	333.6	3752.
15	S95T001221_D	2272.	607.4	2150.	-55.70	492.1	4089.
16	S95T001221_A	6861.	5031.	6803.	4384.	4896.	8191.
17	ICSA	-.0470	.0291	-.0332	.0008	-.0301	.0475
18	ICSAB	.0008	.9960	-.0292	.0043	.0042	.0486
19	CCV_1	5.318	5.256	5.193	4.914	5.175	5.146
20	CCB_1	.0091	.0010	-.0101	-.0005	.0205	.0078

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	5.091	5.151	.0364	5.075	5.006	9.921
2	ICB	-.0071	-.0001	-.0002	-.0002	-.0054	-.0119
3	ICSA	-.0227	.0018	-.0140	.0015	.0768	-.2762
4	ICSAB	-.0205	.0018	-.0088	.0015	.0434	-.2568
5	PREPBLKTJA	.1235	.0064	.1312	.0045	.1067	-2.223
6	S95T001245_L	276.1	7.443	23.87	.4051	646.1	-161.2
7	S95T001245_	157.0	4.506	32.51	7.005	-72.56	-566.4
8	S95T001245_D	227.8	5.880	37.78	3.285	20.54	-327.0
9	S95T001245_A	4305.	4213.	34.61	4403.	4483.	7638.
10	CCV	5.034	4.925	-.0005	4.869	4.878	10.07
11	CCB	-.0046	-.0001	-.0077	-.0006	.0035	-.0205
12	PREPBLKTJA	.3305	.0097	.0432	-.0016	.0558	-2.645
13	S95T001221_L	18.19	19.08	55.69	4.666	9.946	24240.
14	S95T001221_	41.53	21.00	101.3	25.12	-10.54	23420.
15	S95T001221_D	89.90	22.33	68.32	22.60	-47.78	12740.
16	S95T001221_A	4359.	4228.	138.7	4304.	4413.	31570.
17	ICSA	.0019	.0025	-.0134	.0019	.0519	.0258
18	ICSAB	.0101	.0024	-.0016	.0023	.0715	.0151
19	CCV_1	5.042	4.942	.0040	4.988	5.153	10.09
20	CCB_1	.0054	.0000	-.0086	.0000	.0176	.0291

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.165	.0129	5.152	5.118
2	ICB	-.0005	-.0003	.0000	-.0012
3	ICSA	-.0011	.0068	-.0006	-.0030
4	ICSAB	.4703	.0070	.9682	-.0030
5	PREPBLKTJA	.0407	.0071	.0056	.0065
6	S95T001245_L	79.21	19.32	18.39	31.69
7	S95T001245_	42.80	9.836	19.55	20.68
8	S95T001245_D	55.88	12.85	19.03	25.84
9	S95T001245_A	4720.	27.40	4970.	4480.
10	CCV	4.995	.0130	5.014	4.967
11	CCB	-.0009	-.0003	-.0011	.0004
12	PREPBLKTJA	.0721	.0180	.0238	.0335
13	S95T001221_L	22.35	15.81	105.2	37.89
14	S95T001221_	19.22	15.81	76.89	29.60
15	S95T001221_D	28.58	14.89	78.61	45.36
16	S95T001221_A	4470.	29.52	4675.	4427.
17	ICSA	.0005	.0081	.0007	-.0009

#	Sample Name	V	Y	Zn	Zr
8	ICSAB	.4799	.0085	.9921	-.0021
9	CCV_1	5.163	.0145	5.240	5.069
10	CCB_1	.0016	.0004	.0006	.0007

DK Lcl
7-24-95

ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	1859	1			ICV	AG				4.9572		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
2	1859	1			ICV	AL				5.0702		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
3	1859	1			ICV	AS				5.3138		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
4	1859	1			ICV	B				5.1228		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
5	1859	1			ICV	BA				5.1787		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
6	1859	1			ICV	BE				5.3292		1.0000	07/24/95	12:32	dks	0.005	@ICP-QC
7	1859	1			ICV	BI				5.1786		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
8	1859	1			ICV	CA				5.3800		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
9	1859	1			ICV	CD				5.2060		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
10	1859	1			ICV	CE				5.2603		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
11	1859	1			ICV	CO				5.2215		1.0000	07/24/95	12:32	dks	0.02	@ICP-QC
12	1859	1			ICV	CR				5.2609		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
13	1859	1			ICV	CU				5.1342		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
14	1859	1			ICV	EU				0.0062		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
15	1859	1			ICV	FE				5.2505		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
16	1859	1			ICV	K				4.8828		1.0000	07/24/95	12:32	dks	0.3	@ICP-QC
17	1859	1			ICV	LA				5.2397		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
18	1859	1			ICV	LI				5.1529		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
19	1859	1			ICV	MG				5.0283		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
20	1859	1			ICV	MN				5.0994		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
21	1859	1			ICV	MO				5.2490		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
22	1859	1			ICV	NA				5.1173		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
23	1859	1			ICV	ND				5.2486		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
24	1859	1			ICV	NI				5.2148		1.0000	07/24/95	12:32	dks	0.02	@ICP-QC
25	1859	1			ICV	P				5.3918		1.0000	07/24/95	12:32	dks	0.2	@ICP-QC
26	1859	1			ICV	PB				5.2202		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
27	1859	1			ICV	S				5.0983		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
28	1859	1			ICV	SB				4.9554		1.0000	07/24/95	12:32	dks	0.2	@ICP-QC
29	1859	1			ICV	SE				5.1923		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
30	1859	1			ICV	SI				5.0065		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
31	1859	1			ICV	SM				5.0906		1.0000	07/24/95	12:32	dks	0.1	@ICP-QC
32	1859	1			ICV	SR				5.1512		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
33	1859	1			ICV	TH				0.0364		1.0000	07/24/95	12:32	dks	0	@ICP-QC
34	1859	1			ICV	TI				5.0746		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
35	1859	1			ICV	TL				5.0058		1.0000	07/24/95	12:32	dks	0.2	@ICP-QC
36	1859	1			ICV	U				9.9214		1.0000	07/24/95	12:32	dks	0.4	@ICP-QC
37	1859	1			ICV	V				5.1650		1.0000	07/24/95	12:32	dks	0.05	@ICP-QC
38	1859	1			ICV	Y				0.0129		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
39	1859	1			ICV	ZN				5.1524		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
40	1859	1			ICV	ZR				5.1181		1.0000	07/24/95	12:32	dks	0.01	@ICP-QC
41	1859	2			ICB	AG				0.0011		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
42	1859	2			ICB	AL				0.0088		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
43	1859	2			ICB	AS				0.0132		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
44	1859	2			ICB	B				0.0000		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
45	1859	2			ICB	BA				0.0001		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
46	1859	2			ICB	BE				0.0003		1.0000	07/24/95	12:36	dks	0.005	@ICP-QC
47	1859	2			ICB	BI				0.0090		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
48	1859	2			ICB	CA				-0.0025		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
49	1859	2			ICB	CD				0.0005		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
50	1859	2			ICB	CE				0.0011		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
51	1859	2			ICB	CO				-0.0007		1.0000	07/24/95	12:36	dks	0.02	@ICP-QC
52	1859	2			ICB	CR				-0.0002		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
53	1859	2			ICB	CU				0.0009		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
54	1859	2			ICB	EU				-0.0003		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
55	1859	2			ICB	FE				0.0002		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
56	1859	2			ICB	K				0.0509		1.0000	07/24/95	12:36	dks	0.3	@ICP-QC
57	1859	2			ICB	LA				-0.0000		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
58	1859	2			ICB	LI				0.0001		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
59	1859	2			ICB	MG				-0.0078		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
60	1859	2			ICB	MN				0.0000		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
61	1859	2			ICB	MO				-0.0025		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
62	1859	2			ICB	NA				-0.0004		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
63	1859	2			ICB	ND				-0.0012		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
64	1859	2			ICB	NI				-0.0048		1.0000	07/24/95	12:36	dks	0.02	@ICP-QC
65	1859	2			ICB	P				-0.0198		1.0000	07/24/95	12:36	dks	0.2	@ICP-QC
66	1859	2			ICB	PB				0.0123		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
67	1859	2			ICB	S				-0.0126		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
68	1859	2			ICB	SB				0.0021		1.0000	07/24/95	12:36	dks	0.2	@ICP-QC
69	1859	2			ICB	SE				0.0527		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
70	1859	2			ICB	SI				0.0050		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
71	1859	2			ICB	SM				-0.0071		1.0000	07/24/95	12:36	dks	0.1	@ICP-QC
72	1859	2			ICB	SR				-0.0001		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
73	1859	2			ICB	TH				-0.0002		1.0000	07/24/95	12:36	dks	0	@ICP-QC
74	1859	2			ICB	TI				-0.0002		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
75	1859	2			ICB	TL				-0.0054		1.0000	07/24/95	12:36	dks	0.2	@ICP-QC
76	1859	2			ICB	U				-0.0119		1.0000	07/24/95	12:36	dks	0.4	@ICP-QC
77	1859	2			ICB	V				-0.0005		1.0000	07/24/95	12:36	dks	0.05	@ICP-QC
78	1859	2			ICB	Y				-0.0003		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
79	1859	2			ICB	ZN				0.0000		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
80	1859	2			ICB	ZR				-0.0012		1.0000	07/24/95	12:36	dks	0.01	@ICP-QC
81	1859	3			ICSA	AG				-0.0001		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
82	1859	3			ICSA	AL				246.5083		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
83	1859	3			ICSA	AS				0.0506		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
84	1859	3			ICSA	B				-0.0010		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
85	1859	3			ICSA	BA				0.0018		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
86	1859	3			ICSA	BE				0.0003		1.0000	07/24/95	12:39	dks	0.005	@ICP-QC
87	1859	3			ICSA	BI				0.0257		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
88	1859	3			ICSA	CA				248.0686		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
89	1859	3			ICSA	CD				0.0012		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
90	1859	3			ICSA	CE				0.0030		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
91	1859	3			ICSA	CO				-0.0001		1.0000	07/24/95	12:39	dks	0.02	@ICP-QC
92	1859	3			ICSA	CR				0.0049		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
93	1859	3			ICSA	CU				-0.0094		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
94	1859	3			ICSA	EU				-0.0207		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
95	1859	3			ICSA	FE				93.3725		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
96	1859	3			ICSA	K				0.0412		1.0000	07/24/95	12:39	dks	0.3	@ICP-QC
97	1859	3			ICSA	LA				-0.0045		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
98	1859	3			ICSA	LI				0.0018		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
99	1859	3			ICSA	MG				245.1920		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
100	1859	3			ICSA	MN				-0.0057		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
101	1859	3			ICSA	MO				-0.0060		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
102	1859	3			ICSA	NA				193.7036		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
103	1859	3			ICSA	ND				0.0004		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
104	1859	3			ICSA	NI				-0.0184		1.0000	07/24/95	12:39	dks	0.02	@ICP-QC
105	1859	3			ICSA	P				-0.0323		1.0000	07/24/95	12:39	dks	0.2	@ICP-QC
106	1859	3			ICSA	PB				0.0207		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
107	1859	3			ICSA	S				-0.0380		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
108	1859	3			ICSA	SB				0.0121		1.0000	07/24/95	12:39	dks	0.2	@ICP-QC
109	1859	3			ICSA	SE				0.0272		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
110	1859	3			ICSA	SI				0.0398		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
111	1859	3			ICSA	SM				-0.0227		1.0000	07/24/95	12:39	dks	0.1	@ICP-QC
112	1859	3			ICSA	SR				0.0018		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
113	1859	3			ICSA	TH				-0.0140		1.0000	07/24/95	12:39	dks	0	@ICP-QC
114	1859	3			ICSA	TI				0.0015		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
115	1859	3			ICSA	TL				0.0768		1.0000	07/24/95	12:39	dks	0.2	@ICP-QC
116	1859	3			ICSA	U				-0.2762		1.0000	07/24/95	12:39	dks	0.4	@ICP-QC
117	1859	3			ICSA	V				-0.0011		1.0000	07/24/95	12:39	dks	0.05	@ICP-QC
118	1859	3			ICSA	Y				0.0058		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
119	1859	3			ICSA	ZN				-0.0006		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
120	1859	3			ICSA	ZR				-0.0030		1.0000	07/24/95	12:39	dks	0.01	@ICP-QC
121	1859	4			ICSAB	AG				0.9430		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
122	1859	4			ICSAB	AL				244.5982		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
123	1859	4			ICSAB	AS				-0.0003		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
124	1859	4			ICSAB	B				-0.0074		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
125	1859	4			ICSAB	BA				0.4757		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
126	1859	4			ICSAB	BE				0.4835		1.0000	07/24/95	12:43	dks	0.005	@ICP-QC
127	1859	4			ICSAB	BI				-0.0140		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
128	1859	4			ICSAB	CA				249.1651		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
129	1859	4			ICSAB	CD				0.9473		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
130	1859	4			ICSAB	CE				0.0057		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
[illegible]	1859	4			ICSAB	CO				0.4674		1.0000	07/24/95	12:43	dks	0.02	@ICP-QC
[illegible]	1859	4			ICSAB	CR				0.4830		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
[illegible]	1859	4			ICSAB	CU				0.4885		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
134	1859	4			ICSAB	EU				-0.0236		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
135	1859	4			ICSAB	FE				92.6918		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
136	1859	4			ICSAB	K				0.1017		1.0000	07/24/95	12:43	dks	0.3	@ICP-QC
137	1859	4			ICSAB	LA				-0.0038		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
138	1859	4			ICSAB	LI				0.9767		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
139	1859	4			ICSAB	MG				243.3990		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
140	1859	4			ICSAB	MN				0.4505		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
141	1859	4			ICSAB	MO				-0.0109		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
142	1859	4			ICSAB	NA				192.6380		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
143	1859	4			ICSAB	ND				0.0019		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
144	1859	4			ICSAB	NI				0.9293		1.0000	07/24/95	12:43	dks	0.02	@ICP-QC
145	1859	4			ICSAB	P				-0.0171		1.0000	07/24/95	12:43	dks	0.2	@ICP-QC
146	1859	4			ICSAB	PB				0.9620		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
147	1859	4			ICSAB	S				-0.0246		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
148	1859	4			ICSAB	SB				-0.0058		1.0000	07/24/95	12:43	dks	0.2	@ICP-QC
149	1859	4			ICSAB	SE				0.0269		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
150	1859	4			ICSAB	SI				0.0388		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
151	1859	4			ICSAB	SM				-0.0205		1.0000	07/24/95	12:43	dks	0.1	@ICP-QC
152	1859	4			ICSAB	SR				0.0018		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
153	1859	4			ICSAB	TH				-0.0088		1.0000	07/24/95	12:43	dks	0	@ICP-QC
154	1859	4			ICSAB	TI				0.0015		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
155	1859	4			ICSAB	TL				0.0434		1.0000	07/24/95	12:43	dks	0.2	@ICP-QC
156	1859	4			ICSAB	U				-0.2568		1.0000	07/24/95	12:43	dks	0.4	@ICP-QC
157	1859	4			ICSAB	V				0.4703		1.0000	07/24/95	12:43	dks	0.05	@ICP-QC
158	1859	4			ICSAB	Y				0.0070		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
159	1859	4			ICSAB	ZN				0.9682		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
160	1859	4			ICSAB	ZR				-0.0030		1.0000	07/24/95	12:43	dks	0.01	@ICP-QC
161	1859	5			PREPBLKTJA	AG-F-01				0.0053		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
162	1859	5			PREPBLKTJA	AL-F-01				0.0869		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
163	1859	5			PREPBLKTJA	AS-F-01				0.0862		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
164	1859	5			PREPBLKTJA	B-F-01				-0.0630		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
165	1859	5			PREPBLKTJA	BA-F-01				0.0109		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
166	1859	5			PREPBLKTJA	BE-F-01				0.0005		10.0000	07/24/95	12:48	dks	0.005	@ICP-F03
167	1859	5			PREPBLKTJA	BI-F-01				-0.0266		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
168	1859	5			PREPBLKTJA	CA-F-01				0.0814		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
169	1859	5			PREPBLKTJA	CD-F-01				-0.0090		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
170	1859	5			PREPBLKTJA	CE-F-01				0.0194		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
171	1859	5			PREPBLKTJA	CO-F-01				0.0172		10.0000	07/24/95	12:48	dks	0.02	@ICP-F03
172	1859	5			PREPBLKTJA	CR-F-01				0.0177		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
173	1859	5			PREPBLKTJA	CU-F-01				0.0210		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
174	1859	5			PREPBLKTJA	EU-F-01				0.0186		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
175	1859	5			PREPBLKTJA	FE-F-01				0.0241		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
176	1859	5			PREPBLKTJA	K-F-01				10248.0830		10.0000	07/24/95	12:48	dks	0.3	@ICP-F03
177	1859	5			PREPBLKTJA	LA-F-01				-0.0034		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
178	1859	5			PREPBLKTJA	LI-F-01				0.0015		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
179	1859	5			PREPBLKTJA	MG-F-01				0.1115		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
180	1859	5			PREPBLKTJA	MN-F-01				0.0152		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
181	1859	5			PREPBLKTJA	MO-F-01				-0.0141		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
[illegible]	1859	5			PREPBLKTJA	NA-F-01				2.9710		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
[illegible]	1859	5			PREPBLKTJA	ND-F-01				0.0160		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
[illegible]	1859	5			PREPBLKTJA	NI-F-01				0.0501		10.0000	07/24/95	12:48	dks	0.02	@ICP-F03
[illegible]	1859	5			PREPBLKTJA	P-F-01				0.1114		10.0000	07/24/95	12:48	dks	0.2	@ICP-F03
186	1859	5			PREPBLKTJA	PB-F-01				0.0749		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
187	1859	5			PREPBLKTJA	S-F-01				-0.0681		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
188	1859	5			PREPBLKTJA	SB-F-01				-0.0566		10.0000	07/24/95	12:48	dks	0.2	@ICP-F03
189	1859	5			PREPBLKTJA	SE-F-01				0.7928		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
190	1859	5			PREPBLKTJA	SI-F-01				0.2353		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
191	1859	5			PREPBLKTJA	SM-F-01				0.1235		10.0000	07/24/95	12:48	dks	0.1	@ICP-F03
192	1859	5			PREPBLKTJA	SR-F-01				0.0064		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
193	1859	5			PREPBLKTJA	TH-F-01				0.1312		10.0000	07/24/95	12:48	dks	0	@ICP-F03
194	1859	5			PREPBLKTJA	TI-F-01				0.0045		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
195	1859	5			PREPBLKTJA	TL-F-01				0.1067		10.0000	07/24/95	12:48	dks	0.2	@ICP-F03
196	1859	5			PREPBLKTJA	U-F-01				-2.2229		10.0000	07/24/95	12:48	dks	0.4	@ICP-F03
197	1859	5			PREPBLKTJA	V-F-01				0.0407		10.0000	07/24/95	12:48	dks	0.05	@ICP-F03
198	1859	5			PREPBLKTJA	Y-F-01				0.0071		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
199	1859	5			PREPBLKTJA	ZN-F-01				0.0056		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
200	1859	5			PREPBLKTJA	ZR-F-01				0.0065		10.0000	07/24/95	12:48	dks	0.01	@ICP-F03
201	1859	6	S95T001245			LI-F-01				104.4857		4481.9000	07/24/95	12:56	dks	0.01	@ICP-F03
202	1859	7	S95T001245		DUP	LI-F-01		104.4857		110.3774		4554.6000	07/24/95	13:00	dks	0.01	@ICP-F03
203	1859	8	S95T001245_A		SPK	LI-F-01		4481.0		3788.50		4481.9000	07/24/95	13:05	dks	0.01	@ICP-F03
204	1859	9			CCV	AG				4.8005		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
205	1859	9			CCV	AL				4.9248		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
206	1859	9			CCV	AS				5.0549		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
207	1859	9			CCV	B				4.9978		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
208	1859	9			CCV	BA				4.9531		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
209	1859	9			CCV	BE				5.1016		1.0000	07/24/95	13:51	dks	0.005	@ICP-QC
210	1859	9			CCV	BI				4.9598		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
211	1859	9			CCV	CA				5.0353		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
212	1859	9			CCV	CD				5.0116		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
213	1859	9			CCV	CE				5.0383		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
214	1859	9			CCV	CO				5.0643		1.0000	07/24/95	13:51	dks	0.02	@ICP-QC
215	1859	9			CCV	CR				5.0513		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
216	1859	9			CCV	CU				4.9698		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
217	1859	9			CCV	EU				0.0067		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
218	1859	9			CCV	FE				5.0446		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
219	1859	9			CCV	K				4.9255		1.0000	07/24/95	13:51	dks	0.3	@ICP-QC
220	1859	9			CCV	LA				5.0201		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
221	1859	9			CCV	LI				5.0169		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
222	1859	9			CCV	MG				4.9243		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
223	1859	9			CCV	MN				4.9207		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
224	1859	9			CCV	MO				5.0429		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
225	1859	9			CCV	NA				4.9568		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
226	1859	9			CCV	ND				5.1536		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
227	1859	9			CCV	NI				5.0264		1.0000	07/24/95	13:51	dks	0.02	@ICP-QC
228	1859	9			CCV	P				5.0897		1.0000	07/24/95	13:51	dks	0.2	@ICP-QC
229	1859	9			CCV	PB				5.0092		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
230	1859	9			CCV	S				5.0091		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
231	1859	9			CCV	SB				4.7556		1.0000	07/24/95	13:51	dks	0.2	@ICP-QC
232	1859	9			CCV	SE				4.9869		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
233	1859	9			CCV	SI				5.0862		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
[illegible]	1859	9			CCV	SM				5.0338		1.0000	07/24/95	13:51	dks	0.1	@ICP-QC
[illegible]	1859	9			CCV	SR				4.9254		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
[illegible]	1859	9			CCV	TH				-0.0005		1.0000	07/24/95	13:51	dks	0	@ICP-QC
237	1859	9			CCV	TI				4.8687		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
238	1859	9			CCV	TL				4.8782		1.0000	07/24/95	13:51	dks	0.2	@ICP-QC
239	1859	9			CCV	U				10.0696		1.0000	07/24/95	13:51	dks	0.4	@ICP-QC
240	1859	9			CCV	V				4.9953		1.0000	07/24/95	13:51	dks	0.05	@ICP-QC
241	1859	9			CCV	Y				0.0130		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
242	1859	9			CCV	ZN				5.0139		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
243	1859	9			CCV	ZR				4.9668		1.0000	07/24/95	13:51	dks	0.01	@ICP-QC
244	1859	10			CCB	AG				0.0014		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC

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WHC-SD-WM-DP-139, REV

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
245	1859	10			CCB	AL				-0.0112		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
246	1859	10			CCB	AS				-0.0013		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
247	1859	10			CCB	B				0.0038		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
248	1859	10			CCB	BA				-0.0002		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
249	1859	10			CCB	BE				-0.0002		1.0000	07/24/95	13:55	dks	0.005	@ICP-QC
250	1859	10			CCB	BI				-0.0249		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
251	1859	10			CCB	CA				-0.0027		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
252	1859	10			CCB	CD				-0.0004		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
253	1859	10			CCB	CE				-0.0116		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
254	1859	10			CCB	CO				-0.0025		1.0000	07/24/95	13:55	dks	0.02	@ICP-QC
255	1859	10			CCB	CR				-0.0017		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
256	1859	10			CCB	CU				-0.0013		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
257	1859	10			CCB	EU				-0.0006		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
258	1859	10			CCB	FE				0.0002		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
259	1859	10			CCB	K				-0.0892		1.0000	07/24/95	13:55	dks	0.3	@ICP-QC
260	1859	10			CCB	LA				-0.0016		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
261	1859	10			CCB	LI				-0.0009		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
262	1859	10			CCB	MG				-0.0114		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
263	1859	10			CCB	MN				-0.0003		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
264	1859	10			CCB	MO				-0.0012		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
265	1859	10			CCB	NA				-0.0037		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
266	1859	10			CCB	ND				-0.0037		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
267	1859	10			CCB	NI				0.0048		1.0000	07/24/95	13:55	dks	0.02	@ICP-QC
268	1859	10			CCB	P				0.0125		1.0000	07/24/95	13:55	dks	0.2	@ICP-QC
269	1859	10			CCB	PB				-0.0069		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
270	1859	10			CCB	S				-0.0157		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
271	1859	10			CCB	SB				-0.0141		1.0000	07/24/95	13:55	dks	0.2	@ICP-QC
272	1859	10			CCB	SE				0.0063		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
273	1859	10			CCB	SI				0.0027		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
274	1859	10			CCB	SM				-0.0046		1.0000	07/24/95	13:55	dks	0.1	@ICP-QC
275	1859	10			CCB	SR				-0.0001		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
276	1859	10			CCB	TH				-0.0077		1.0000	07/24/95	13:55	dks	0	@ICP-QC
277	1859	10			CCB	TI				-0.0006		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
278	1859	10			CCB	TL				0.0035		1.0000	07/24/95	13:55	dks	0.2	@ICP-QC
279	1859	10			CCB	U				-0.0205		1.0000	07/24/95	13:55	dks	0.4	@ICP-QC
280	1859	10			CCB	V				-0.0009		1.0000	07/24/95	13:55	dks	0.05	@ICP-QC
281	1859	10			CCB	Y				-0.0003		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
282	1859	10			CCB	ZN				-0.0011		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
283	1859	10			CCB	ZR				0.0004		1.0000	07/24/95	13:55	dks	0.01	@ICP-QC
284	1859	11			PREPBLKTJA	AG-F-01				-0.0021		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
285	1859	11			PREPBLKTJA	AL-F-01				0.0068		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
286	1859	11			PREPBLKTJA	AS-F-01				0.0492		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
287	1859	11			PREPBLKTJA	B-F-01				0.0562		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
288	1859	11			PREPBLKTJA	BA-F-01				0.0135		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
289	1859	11			PREPBLKTJA	BE-F-01				-0.0033		10.0000	07/24/95	13:59	dks	0.005	@ICP-F03
290	1859	11			PREPBLKTJA	BI-F-01				-0.4045		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
291	1859	11			PREPBLKTJA	CA-F-01				0.1704		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
292	1859	11			PREPBLKTJA	CD-F-01				-0.0059		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
293	1859	11			PREPBLKTJA	CE-F-01				-0.0819		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
294	1859	11			PREPBLKTJA	CO-F-01				0.0166		10.0000	07/24/95	13:59	dks	0.02	@ICP-F03
295	1859	11			PREPBLKTJA	CR-F-01				-0.0111		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
296	1859	11			PREPBLKTJA	CU-F-01				0.0457		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
297	1859	11			PREPBLKTJA	EU-F-01				0.0326		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
298	1859	11			PREPBLKTJA	FE-F-01				0.2913		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
299	1859	11			PREPBLKTJA	K-F-01				14685.8086		10.0000	07/24/95	13:59	dks	0.3	@ICP-F03
300	1859	11			PREPBLKTJA	LA-F-01				-0.0176		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
301	1859	11			PREPBLKTJA	LI-F-01				0.0023		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
302	1859	11			PREPBLKTJA	MG-F-01				0.0570		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
303	1859	11			PREPBLKTJA	MN-F-01				0.0463		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
304	1859	11			PREPBLKTJA	MO-F-01				-0.0065		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
305	1859	11			PREPBLKTJA	NA-F-01				4.3111		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
306	1859	11			PREPBLKTJA	ND-F-01				-0.0303		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
307	1859	11			PREPBLKTJA	NI-F-01				12.1775		10.0000	07/24/95	13:59	dks	0.02	@ICP-F03
308	1859	11			PREPBLKTJA	P-F-01				-0.1480		10.0000	07/24/95	13:59	dks	0.2	@ICP-F03
309	1859	11			PREPBLKTJA	PB-F-01				0.0532		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
310	1859	11			PREPBLKTJA	S-F-01				-0.0991		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
311	1859	11			PREPBLKTJA	SB-F-01				-0.0856		10.0000	07/24/95	13:59	dks	0.2	@ICP-F03
312	1859	11			PREPBLKTJA	SE-F-01				0.6050		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
313	1859	11			PREPBLKTJA	SI-F-01				0.3191		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
314	1859	11			PREPBLKTJA	SM-F-01				0.3305		10.0000	07/24/95	13:59	dks	0.1	@ICP-F03
315	1859	11			PREPBLKTJA	SR-F-01				0.0097		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
316	1859	11			PREPBLKTJA	TH-F-01				0.0432		10.0000	07/24/95	13:59	dks	0	@ICP-F03
317	1859	11			PREPBLKTJA	TI-F-01				-0.0016		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
318	1859	11			PREPBLKTJA	TL-F-01				0.0558		10.0000	07/24/95	13:59	dks	0.2	@ICP-F03
319	1859	11			PREPBLKTJA	U-F-01				-2.6448		10.0000	07/24/95	13:59	dks	0.4	@ICP-F03
320	1859	11			PREPBLKTJA	V-F-01				0.0721		10.0000	07/24/95	13:59	dks	0.05	@ICP-F03
321	1859	11			PREPBLKTJA	Y-F-01				0.0180		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
322	1859	11			PREPBLKTJA	ZN-F-01				0.0238		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
323	1859	11			PREPBLKTJA	ZR-F-01				0.0335		10.0000	07/24/95	13:59	dks	0.01	@ICP-F03
324	1859	12	S95T001221			LI-F-01			<	44.8190		4481.9000	07/24/95	14:10	dks	0.01	@ICP-F03
325	1859	13	S95T001221		DUP	LI-F-01		<44.8190		<45.2180		4521.6000	07/24/95	14:14	dks	0.01	@ICP-F03
326	1859	14	S95T001221_A		SPK	LI-F-01		4481.0		4195.3901		4481.9000	07/24/95	14:39	dks	0.01	@ICP-F03
327	1859	15			ICSA	AG				-0.0010		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
328	1859	15			ICSA	AL				243.4890		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
329	1859	15			ICSA	AS				-0.0407		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
330	1859	15			ICSA	B				0.0021		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
331	1859	15			ICSA	BA				0.0017		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
332	1859	15			ICSA	BE				-0.0000		1.0000	07/24/95	14:47	dks	0.005	@ICP-QC
333	1859	15			ICSA	BI				-0.0502		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
334	1859	15			ICSA	CA				242.2050		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
335	1859	15			ICSA	CD				-0.0015		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
336	1859	15			ICSA	CE				0.0052		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
337	1859	15			ICSA	CO				-0.0002		1.0000	07/24/95	14:47	dks	0.02	@ICP-QC
338	1859	15			ICSA	CR				0.0057		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
339	1859	15			ICSA	CU				-0.0106		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
340	1859	15			ICSA	EU				0.0048		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
341	1859	15			ICSA	FE				92.8340		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
342	1859	15			ICSA	K				-0.0682		1.0000	07/24/95	14:47	dks	0.3	@ICP-QC
343	1859	15			ICSA	LA				-0.0048		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
344	1859	15			ICSA	LI				0.0035		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
345	1859	15			ICSA	MG				247.9338		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
346	1859	15			ICSA	MN				-0.0063		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
347	1859	15			ICSA	MO				-0.0074		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
348	1859	15			ICSA	NA				190.0004		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
349	1859	15			ICSA	ND				0.0081		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
350	1859	15			ICSA	NI				-0.0165		1.0000	07/24/95	14:47	dks	0.02	@ICP-QC
351	1859	15			ICSA	P				-0.0470		1.0000	07/24/95	14:47	dks	0.2	@ICP-QC
352	1859	15			ICSA	PB				0.0291		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
353	1859	15			ICSA	S				-0.0332		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
354	1859	15			ICSA	SB				0.0008		1.0000	07/24/95	14:47	dks	0.2	@ICP-QC
355	1859	15			ICSA	SE				-0.0301		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
356	1859	15			ICSA	SI				0.0475		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
357	1859	15			ICSA	SM				0.0019		1.0000	07/24/95	14:47	dks	0.1	@ICP-QC
358	1859	15			ICSA	SR				0.0025		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
359	1859	15			ICSA	TH				-0.0134		1.0000	07/24/95	14:47	dks	0	@ICP-QC
360	1859	15			ICSA	TI				0.0019		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
361	1859	15			ICSA	TL				0.0519		1.0000	07/24/95	14:47	dks	0.2	@ICP-QC
362	1859	15			ICSA	U				0.0258		1.0000	07/24/95	14:47	dks	0.4	@ICP-QC
363	1859	15			ICSA	V				0.0005		1.0000	07/24/95	14:47	dks	0.05	@ICP-QC
364	1859	15			ICSA	Y				0.0081		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
365	1859	15			ICSA	ZN				0.0007		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC
366	1859	15			ICSA	ZR				-0.0009		1.0000	07/24/95	14:47	dks	0.01	@ICP-QC

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WHC-SD-WM-DP-139, REV. 1

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
367	1859	16			ICSAB	AG				0.9474		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
368	1859	16			ICSAB	AL				242.9811		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
369	1859	16			ICSAB	AS				-0.0261		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
370	1859	16			ICSAB	B				-0.0036		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
371	1859	16			ICSAB	BA				0.4616		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
372	1859	16			ICSAB	BE				0.4849		1.0000	07/24/95	14:51	dks	0.005	@ICP-QC
373	1859	16			ICSAB	BI				-0.0058		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
374	1859	16			ICSAB	CA				247.8290		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
[illegible]	1859	16			ICSAB	CD				0.9725		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
[illegible]	1859	16			ICSAB	CE				0.0130		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
[illegible]	1859	16			ICSAB	CO				0.4800		1.0000	07/24/95	14:51	dks	0.02	@ICP-QC
378	1859	16			ICSAB	CR				0.4934		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
379	1859	16			ICSAB	CU				0.4729		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
380	1859	16			ICSAB	EU				-0.0002		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
381	1859	16			ICSAB	FE				93.7444		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
382	1859	16			ICSAB	K				0.1573		1.0000	07/24/95	14:51	dks	0.3	@ICP-QC
383	1859	16			ICSAB	LA				-0.0051		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
384	1859	16			ICSAB	LI				0.9544		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
385	1859	16			ICSAB	MG				248.2024		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
386	1859	16			ICSAB	MN				0.4588		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
387	1859	16			ICSAB	MO				-0.0102		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
388	1859	16			ICSAB	NA				189.0988		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
389	1859	16			ICSAB	ND				0.0067		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
390	1859	16			ICSAB	NI				0.9331		1.0000	07/24/95	14:51	dks	0.02	@ICP-QC
391	1859	16			ICSAB	P				0.0008		1.0000	07/24/95	14:51	dks	0.2	@ICP-QC
392	1859	16			ICSAB	PB				0.9960		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
393	1859	16			ICSAB	S				-0.0292		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
394	1859	16			ICSAB	SB				0.0043		1.0000	07/24/95	14:51	dks	0.2	@ICP-QC
395	1859	16			ICSAB	SE				0.0042		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
396	1859	16			ICSAB	SI				0.0486		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
397	1859	16			ICSAB	SM				0.0101		1.0000	07/24/95	14:51	dks	0.1	@ICP-QC
398	1859	16			ICSAB	SR				0.0024		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
399	1859	16			ICSAB	TH				-0.0016		1.0000	07/24/95	14:51	dks	0	@ICP-QC
400	1859	16			ICSAB	TI				0.0023		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
401	1859	16			ICSAB	TL				0.0715		1.0000	07/24/95	14:51	dks	0.2	@ICP-QC
402	1859	16			ICSAB	U				0.0151		1.0000	07/24/95	14:51	dks	0.4	@ICP-QC
403	1859	16			ICSAB	V				0.4799		1.0000	07/24/95	14:51	dks	0.05	@ICP-QC
404	1859	16			ICSAB	Y				0.0085		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
405	1859	16			ICSAB	ZN				0.9921		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
406	1859	16			ICSAB	ZR				-0.0021		1.0000	07/24/95	14:51	dks	0.01	@ICP-QC
407	1859	17			CCV	AG				4.8937		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
408	1859	17			CCV	AL				4.9402		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
409	1859	17			CCV	AS				5.2787		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
410	1859	17			CCV	B				5.0790		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
411	1859	17			CCV	BA				4.9385		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
412	1859	17			CCV	BE				5.2926		1.0000	07/24/95	14:56	dks	0.005	@ICP-QC
413	1859	17			CCV	BI				5.0511		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
414	1859	17			CCV	CA				5.4004		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
415	1859	17			CCV	CD				5.3057		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
416	1859	17			CCV	CE				5.0677		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
417	1859	17			CCV	CO				5.3065		1.0000	07/24/95	14:56	dks	0.02	@ICP-QC
418	1859	17			CCV	CR				5.2785		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
419	1859	17			CCV	CU				4.9673		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
420	1859	17			CCV	EU				0.0088		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
421	1859	17			CCV	FE				5.2155		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
422	1859	17			CCV	K				5.0040		1.0000	07/24/95	14:56	dks	0.3	@ICP-QC
423	1859	17			CCV	LA				5.0439		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
424	1859	17			CCV	LI				4.8624		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
425	1859	17			CCV	MG				4.9957		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
[illegible]	1859	17			CCV	MN				5.1127		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
[illegible]	1859	17			CCV	MO				5.2610		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
[illegible]	1859	17			CCV	NA				4.8816		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
[illegible]	1859	17			CCV	ND				5.1567		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
430	1859	17			CCV	NI				5.2773		1.0000	07/24/95	14:56	dks	0.02	@ICP-QC
431	1859	17			CCV	P				5.3181		1.0000	07/24/95	14:56	dks	0.2	@ICP-QC
432	1859	17			CCV	PB				5.2563		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
433	1859	17			CCV	S				5.1929		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
434	1859	17			CCV	SB				4.9143		1.0000	07/24/95	14:56	dks	0.2	@ICP-QC
435	1859	17			CCV	SE				5.1754		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
436	1859	17			CCV	SI				5.1461		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
437	1859	17			CCV	SM				5.0419		1.0000	07/24/95	14:56	dks	0.1	@ICP-QC
438	1859	17			CCV	SR				4.9418		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
439	1859	17			CCV	TH				0.0040		1.0000	07/24/95	14:56	dks	0	@ICP-QC
440	1859	17			CCV	TI				4.9880		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
441	1859	17			CCV	TL				5.1527		1.0000	07/24/95	14:56	dks	0.2	@ICP-QC
442	1859	17			CCV	U				10.0913		1.0000	07/24/95	14:56	dks	0.4	@ICP-QC
443	1859	17			CCV	V				5.1631		1.0000	07/24/95	14:56	dks	0.05	@ICP-QC
444	1859	17			CCV	Y				0.0145		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
445	1859	17			CCV	ZN				5.2400		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
446	1859	17			CCV	ZR				5.0688		1.0000	07/24/95	14:56	dks	0.01	@ICP-QC
447	1859	18			CCB	AG				-0.0001		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
448	1859	18			CCB	AL				-0.0071		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
449	1859	18			CCB	AS				-0.0071		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
450	1859	18			CCB	B				0.0047		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
451	1859	18			CCB	BA				-0.0000		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
452	1859	18			CCB	BE				-0.0001		1.0000	07/24/95	15:00	dks	0.005	@ICP-QC
453	1859	18			CCB	BI				0.0113		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
454	1859	18			CCB	CA				-0.0013		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
455	1859	18			CCB	CD				-0.0011		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
456	1859	18			CCB	CE				-0.0023		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
457	1859	18			CCB	CO				-0.0015		1.0000	07/24/95	15:00	dks	0.02	@ICP-QC
458	1859	18			CCB	CR				-0.0017		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
459	1859	18			CCB	CU				-0.0000		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
460	1859	18			CCB	EU				0.0006		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
461	1859	18			CCB	FE				-0.0001		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
462	1859	18			CCB	K				-0.1610		1.0000	07/24/95	15:00	dks	0.3	@ICP-QC
463	1859	18			CCB	LA				-0.0010		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
464	1859	18			CCB	LI				0.0003		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
465	1859	18			CCB	MG				-0.0019		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
466	1859	18			CCB	MN				0.0002		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
467	1859	18			CCB	MO				-0.0044		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
468	1859	18			CCB	NA				0.0040		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
469	1859	18			CCB	ND				-0.0011		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
470	1859	18			CCB	NI				-0.0007		1.0000	07/24/95	15:00	dks	0.02	@ICP-QC
471	1859	18			CCB	P				0.0091		1.0000	07/24/95	15:00	dks	0.2	@ICP-QC
472	1859	18			CCB	PB				0.0010		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
473	1859	18			CCB	S				-0.0101		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
474	1859	18			CCB	SB				-0.0005		1.0000	07/24/95	15:00	dks	0.2	@ICP-QC
475	1859	18			CCB	SE				0.0205		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
476	1859	18			CCB	SI				0.0078		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
[illegible]	1859	18			CCB	SM				0.0054		1.0000	07/24/95	15:00	dks	0.1	@ICP-QC
[illegible]	1859	18			CCB	SR				0.0000		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
[illegible]	1859	18			CCB	TH				-0.0086		1.0000	07/24/95	15:00	dks	0	@ICP-QC
[illegible]	1859	18			CCB	TI				0.0000		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
481	1859	18			CCB	TL				0.0176		1.0000	07/24/95	15:00	dks	0.2	@ICP-QC
482	1859	18			CCB	U				0.0291		1.0000	07/24/95	15:00	dks	0.4	@ICP-QC
483	1859	18			CCB	V				0.0016		1.0000	07/24/95	15:00	dks	0.05	@ICP-QC
484	1859	18			CCB	Y				0.0004		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
485	1859	18			CCB	ZN				0.0006		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC
486	1859	18			CCB	ZR				0.0007		1.0000	07/24/95	15:00	dks	0.01	@ICP-QC

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WHC-SD-WM-DP-139, REV. 1

LABCORE Data Entry Template for Worklist# 1935

Analyst: JK Soto **Instrument:** ICP01 **Book#** 43B48B

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

Worklist Comment: ICP B-101 FUSION (Li only)

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 ~~TJA~~ JK 8-1-95 CRL				@ICP-F03	SOLID		
6	SAMPLE	S95T001336	0	F	@ICP-F03	SOLID	95000093	B-101
	Analytes Requested: LI-F-01							
7	DUP	S95T001336	0	F	@ICP-F03	SOLID		
8	SPK	S95T001336	0	F	@ICP-F03	SOLID		
9	CCV				@ICP-QC	QC		
10	CCB				@ICP-QC	QC		
11	SAMPLE	S95T001337	0	F	@ICP-F03	SOLID	95000093	B-101
	Analytes Requested: LI-F-01							
12	DUP	S95T001337	0	F	@ICP-F03	SOLID		
13	SPK	S95T001337	0	F	@ICP-F03	SOLID		
14	ICSA				@ICP-QC	QC		
15	ICSAB				@ICP-QC	QC		
16	CCV				@ICP-QC	QC		
17	CCB				@ICP-QC	QC		

Data Entry Comments:

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

LABCORE Data Entry Template for Worklist# 1935

S Type	Sample#	R	A	Test	Matrix	Group#	Project

Final page for worklist # 1935

JK [signature] 08-01-95
Analyst Signature Date

Reviewed & Validated by: [signature] 08/01/95
Analyst Signature Date

Prep blk QAL 1-9 ml

S95T00133 6_L, .4510g → 250 ml, 1-9-2-8 ml, (250x50)/.4510 = 27714.2

S95T00 1336 .4510g → 250 1-9 (250x10)/.4510 = 5543.2

S95T00 1336_D .4540g → 250 1-9 (250x10)/.4540 = 5506.6

S95T00 1336_Q .4510g → 250 1-9 (250x10)/.4510 = 5543.2 1ml sample + 2ml SST5 + 7ml 2% HNO_3

S95T00 1337_L, .5808g → 250, 1-9-2-8 ml, (250x50)/.5808 = 21522

S95T00 1337 .5808g → 250 1-9 (250x10)/.5808 = 4304.4

S95T00 1337_D .5440g → 250 1-9 (250x10)/.5440 = 4578.8

S95T00 1337_Q .5808g → 250 1-9 (250x10)/.5808 = 4304.4 1ml sample + 2ml SST5 + 7ml 2% HNO_3

Data Entry Comments:

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

File 950801a

Identity 1: ICV Identity 2: Quality Control 9:33 AM August 1, 1995
Task name : TWC93
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	4.957	4.973	4.964	4.906	5.008	5.148	4.839	4.984
S.D.	0.004	0.008	0.018	0.013	0.008	0.008	0.009	0.004
% R.S.D.	0.074	0.162	0.359	0.262	0.152	0.150	0.181	0.083

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	5.136	5.043	4.987	5.068	5.170	5.136	5.067	9.263
S.D.	0.010	0.008	0.011	0.024	0.008	0.017	0.011	0.033
% R.S.D.	0.200	0.166	0.230	0.464	0.163	0.338	0.218	0.352

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	5.021	4.987	4.962	5.275	5.164	5.114	5.028	4.982
S.D.	0.007	0.014	0.009	0.086	0.018	0.007	0.005	0.004
% R.S.D.	0.137	0.273	0.190	1.639	0.353	0.136	0.096	0.079

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	5.140	4.940	4.952	5.054	4.917	5.093	5.068	4.955
S.D.	0.007	0.007	0.010	0.023	0.005	0.002	0.014	0.024
% R.S.D.	0.146	0.145	0.207	0.452	0.097	0.037	0.275	0.491

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	5.063	4.760	5.080	5.168	4.846
S.D.	0.005	0.011	0.007	0.008	0.009
% R.S.D.	0.107	0.240	0.144	0.146	0.176

JK Lab LMOS ✓ DK
8-1-95
B-101 585700.1336 Fusion 1-4hl
585700.1337
Worklist #1335

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 262 TO 280.

WHC-SD-WM-DP-139, REV. 1

Identity 1: ICB Identity 2: Quality Control 9:36 AM August 1, 1995
Task name : TWC93
Sample Weight : 1.0000 Solution Volume : 1.00
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	0.010	0.004	0.005	-0.003	-0.000	0.000
S.D.	0.000	0.000	0.004	0.003	0.000	0.002	0.000	0.000
% R.S.D.	13.597	87.445	39.361	66.522	9.694	57.531	150.733	51.975

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	0.000	0.000	0.003	0.004	0.000	-0.000	-0.001	0.060
S.D.	0.001	0.000	0.001	0.002	0.000	0.000	0.005	0.013
% R.S.D.	120.917	256.876	48.975	52.885	21.651	132.331	429.851	21.027

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	0.012	0.021	0.000	-0.015	-0.004	0.000	0.003	0.003
S.D.	0.002	0.006	0.000	0.005	0.003	0.000	0.005	0.002
% R.S.D.	14.146	27.980	27.085	35.902	79.271	114.352	131.067	75.004

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	-0.001	-0.008	0.001	-0.002	0.001	0.002	0.004	0.025
S.D.	0.001	0.006	0.000	0.009	0.000	0.000	0.001	0.022
% R.S.D.	67.358	75.366	23.674	498.371	32.426	13.859	20.319	90.409

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	-0.001	-0.061	0.001	-0.000	0.034
S.D.	0.000	0.042	0.001	0.000	0.012
% R.S.D.	37.298	69.745	103.831	191.800	36.311

Identity 1: ICSA Identity 2: Quality Control 9:39 AM August 1, 1995
Task name : TWC93
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	0.005	0.070	201.233	0.006	-0.014	0.000
S.D.	0.001	0.000	0.003	0.002	0.372	0.003	0.000	0.000
% R.S.D.	279.771	0.017	59.764	2.269	0.185	42.842	0.241	28.642

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	0.000	-0.044	0.008	148.369	19.238	-0.011	0.030	0.029
S.D.	0.000	0.000	0.001	0.208	0.047	0.002	0.001	0.008
% R.S.D.	107.415	1.004	14.342	0.140	0.244	14.538	2.260	26.743

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	0.016	0.007	0.003	0.008	0.152	19.282	0.002	187.651
S.D.	0.002	0.004	0.000	0.005	0.002	0.020	0.003	1.093
% R.S.D.	9.594	52.086	1.303	64.533	1.115	0.105	132.247	0.583

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	-0.001	0.003	-0.003	0.039	0.001	0.012	-0.046	-0.013
S.D.	0.002	0.007	0.000	0.012	0.000	0.001	0.001	0.007
% R.S.D.	165.894	204.787	5.305	31.264	19.864	5.240	1.242	56.727

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	0.011	-0.028	-0.004	0.002	-0.007
S.D.	0.000	0.029	0.000	0.000	0.012
% R.S.D.	3.996	105.037	8.405	4.689	179.254

WHC-SD-WM-DP-139, REV. 1

Identity 1: ICSAB Identity 2: Quality Control 9:42 AM August 1, 1995
Task name : TWC93
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	-0.018	0.064	201.993	0.516	0.486	0.940
S.D.	0.000	0.000	0.004	0.004	0.502	0.003	0.000	0.004
% R.S.D.	11.944	19.236	23.563	5.550	0.249	0.517	0.063	0.473

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	1.016	0.945	0.004	150.138	18.865	0.505	0.027	-0.003
S.D.	0.003	0.006	0.001	0.565	0.037	0.002	0.008	0.004
% R.S.D.	0.258	0.606	34.429	0.376	0.195	0.465	30.250	142.402

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	0.011	-0.007	0.508	0.023	0.147	19.050	0.005	188.227
S.D.	0.002	0.005	0.001	0.016	0.008	0.041	0.004	0.728
% R.S.D.	22.794	65.058	0.187	68.862	5.578	0.215	85.145	0.387

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	-0.000	0.070	1.499	1.066	-0.000	1.039	-0.048	-0.011
S.D.	0.001	0.007	0.003	0.023	0.000	0.003	0.001	0.001
% R.S.D.	408.412	9.629	0.183	2.196	300.931	0.319	2.208	12.372

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	0.522	-0.036	0.509	0.510	-0.041
S.D.	0.002	0.012	0.002	0.001	0.004
% R.S.D.	0.323	33.051	0.297	0.262	8.531

Identity 1: PREPBLK Identity 2: Quality Control 9:48 AM August 1, 1995
Task name : TWC93
Sample Weight : 1.0000 Solution Volume : 10.00
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	0.034	0.009	-0.085	0.350	0.062	0.053	0.026	0.005
S.D.	0.001	0.001	0.052	0.013	0.033	0.015	0.001	0.002
% R.S.D.	3.178	10.702	60.934	3.677	53.136	29.064	4.926	47.907

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	0.038	2.573	0.009	0.855	0.432	0.012	0.048	0.924
S.D.	0.004	0.010	0.021	0.020	0.001	0.007	0.050	0.181
% R.S.D.	10.499	0.382	243.629	2.379	0.152	54.808	103.368	19.596

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	-0.003	0.180	0.017	0.135	0.125	0.042	0.041	3.430
S.D.	0.021	0.069	0.001	0.078	0.032	0.000	0.038	0.040
% R.S.D.	786.791	38.213	7.627	58.111	25.517	0.011	92.492	1.154

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	0.007	0.107	0.012	0.034	0.023	0.013	0.025	10265.935
S.D.	0.008	0.087	0.006	0.037	0.001	0.004	0.000	19.955
% R.S.D.	109.865	81.512	45.512	108.791	6.558	28.944	1.988	0.194

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	0.084	-0.349	0.004	-0.001	0.425
S.D.	0.004	0.135	0.013	0.002	0.118
% R.S.D.	5.001	38.678	369.755	405.678	27.678

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001336_L Identity 2: .451gin250,1-9-2-8ml 9:53 AM August 1, 1995
Task name : TWC93
Sample Weight : 0.4510 Solution Volume : 12500.00
Peak Integrations : 3 Off-Peak Integrations : 1

	ZR (ppm)	SR (ppm)	BI (ppm)	SI (ppm)	AL (ppm)	CO (ppm)	CU (ppm)	LI (ppm)
Mean	614.554	67.081	-423.537	16657.529	32396.473	-76.330	144.421	-6.317
S.D.	17.196	1.486	222.738	41.148	98.499	85.433	10.902	3.582
% R.S.D.	2.798	2.215	52.590	0.247	0.304	111.925	7.549	56.702

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	127.634	22712.164	609.016	81559.720	1424.218	2676.304	609.538	1807.382
S.D.	2.863	102.580	19.902	206.003	2.107	34.439	209.725	479.010
% R.S.D.	2.243	0.452	3.268	0.253	0.148	1.287	34.407	26.503

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	435.694	658.630	563.970	5834.077	4222.369	869.527	-34.382	127272.489
S.D.	129.704	127.053	2.971	363.753	63.839	5.302	177.475	285.015
% R.S.D.	29.769	19.290	0.527	6.235	1.512	0.610	516.189	0.224

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	3.741	644.083	620.303	6233.947	215.397	62.367	-1.415	6563362.901
S.D.	28.077	415.492	7.327	200.108	8.487	29.985	37.801	8724.977
% R.S.D.	750.555	64.509	1.181	3.210	3.940	48.079	2672.196	0.133

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	11482.418	282.561	23.022	0.169	672.713
S.D.	26.334	722.862	16.879	5.081	329.135
% R.S.D.	0.229	255.825	73.316	3006.499	48.926

Identity 1: S95T001336 Identity 2: .451gin250,1-9 ml 9:58 AM August 1, 1995
Task name : TWC93
Sample Weight : 0.4510 Solution Volume : 2500.00
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	559.773	72.096	-68.206	16442.858	32534.067	42.433	187.396	3.902
S.D.	5.270	0.298	49.628	31.378	36.214	8.551	1.697	1.391
% R.S.D.	0.941	0.413	72.762	0.191	0.111	20.151	0.905	35.644

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	102.141	22355.169	567.097	81085.325	1147.280	2696.469	662.852	-122.803
S.D.	3.755	56.281	6.946	221.738	3.371	6.899	26.787	166.716
% R.S.D.	3.677	0.252	1.225	0.273	0.294	0.256	4.041	135.758

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	604.554	37.115	552.032	5337.698	3861.424	805.606	88.155	119421.494
S.D.	41.506	42.256	1.699	212.150	62.697	1.058	41.321	550.845
% R.S.D.	6.866	113.852	0.308	3.975	1.624	0.131	46.873	0.461

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	35.414	402.311	619.980	6284.091	183.317	103.657	14.712	6067726.246
S.D.	2.405	61.811	4.081	65.200	1.340	5.766	1.703	22075.673
% R.S.D.	6.791	15.364	0.658	1.038	0.731	5.563	11.574	0.364

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	11462.786	-319.459	17.002	-0.011	-182.532
S.D.	26.429	73.860	5.419	1.029	97.178
% R.S.D.	0.231	23.120	31.874	8964.180	53.239

Identity 1: S95T001336_D Identity 2: .454gin250,1-9 ml 10:01 AM August 1, 1995
Task name : TWC93
Sample Weight : 0.4540 Solution Volume : 2500.00
Peak Integrations : 3 Off-Peak Integrations : 1

	ZR (ppm)	SR (ppm)	BI (ppm)	SI (ppm)	AL (ppm)	CO (ppm)	CU (ppm)	LI (ppm)
Mean	936.772	74.011	-6.729	15768.804	33624.404	42.779	181.110	6.839
S.D.	5.527	0.513	79.027	96.939	153.393	17.000	1.089	0.523
% R.S.D.	0.590	0.693	1174.449	0.615	0.456	39.740	0.601	7.644

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	119.859	14965.159	646.814	77929.484	971.759	2784.752	756.476	73.441
S.D.	3.645	21.492	3.929	316.655	4.036	15.082	42.532	165.500
% R.S.D.	3.041	0.144	0.607	0.406	0.415	0.542	5.622	225.352

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	1071.853	108.055	565.309	6240.965	4063.362	822.146	21.337	119449.692
S.D.	28.863	36.023	2.454	270.456	44.066	1.388	23.629	643.457
% R.S.D.	2.693	33.338	0.434	4.334	1.084	0.169	110.740	0.539

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	31.711	406.817	673.039	6501.364	186.236	99.870	48.009	6300390.257
S.D.	7.090	22.862	3.096	89.893	0.997	6.758	7.525	22922.243
% R.S.D.	22.358	5.620	0.460	1.383	0.535	6.767	15.674	0.364

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	11720.903	-137.871	18.513	1.023	-47.164
S.D.	29.712	187.754	2.384	0.015	124.625
% R.S.D.	0.253	136.181	12.876	1.513	264.238

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001336_A Identity 2: .451gin250,1-9 ml 10:05 AM August 1, 1995
Task name : TWC93
Sample Weight : 0.4510 Solution Volume : 2500.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

5543.24

	ZR (ppm)	SR (ppm)	BI (ppm)	SI (ppm)	AL (ppm)	CO (ppm)	CU (ppm)	LI (ppm)
Mean	6253.014	5692.431	5648.629	22543.867	38806.239	5855.679	5660.694	5107.538
S.D.	18.252	27.867	31.114	75.288	155.324	22.622	30.147	12.426
% R.S.D.	0.292	0.490	0.551	0.334	0.400	0.386	0.533	0.243

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	5885.616	28589.916	6339.024	89123.254	6875.897	8632.321	6596.314	10755.391
S.D.	29.366	44.608	17.246	158.509	34.238	42.785	48.963	141.208
% R.S.D.	0.499	0.156	0.272	0.178	0.498	0.496	0.742	1.313

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	6165.228	5735.948	6130.665	11737.338	9830.931	6600.389	5679.589	127257.841
S.D.	28.359	27.185	33.150	400.739	94.152	17.811	26.984	313.947
% R.S.D.	0.460	0.474	0.541	3.414	0.958	0.270	0.475	0.247

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	5785.620	5894.912	4919.295	12228.578	5763.426	5835.707	5583.768	6253440.497
S.D.	28.157	79.070	25.533	87.070	18.930	15.508	25.835	17165.730
% R.S.D.	0.487	1.341	0.519	0.712	0.328	0.266	0.463	0.275

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	17553.359	5290.751	5853.830	5566.812	5559.134
S.D.	50.211	94.169	18.143	29.335	116.481
% R.S.D.	0.286	1.780	0.310	0.527	2.095

WHC-SD-WM-DP-139, REV. 1

Identity 1: CCV Identity 2: Quality Control 10:18 AM August 1, 1995
Task name : TWC93
Sample Weight : 1.0000 Solution Volume : 1.00
Peak Integrations : 3 Off-Peak Integrations : 1

	ZR (ppm)	SR (ppm)	BI (ppm)	SI (ppm)	AL (ppm)	CO (ppm)	CU (ppm)	LI (ppm)
Mean	4.983	4.997	5.017	4.922	5.030	5.167	4.865	5.009
S.D.	0.001	0.004	0.018	0.002	0.002	0.012	0.003	0.022
% R.S.D.	0.020	0.077	0.365	0.037	0.032	0.233	0.071	0.433

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	5.150	5.066	5.045	5.146	5.208	5.146	5.215	9.386
S.D.	0.008	0.009	0.006	0.038	0.002	0.008	0.015	0.022
% R.S.D.	0.164	0.185	0.121	0.733	0.045	0.153	0.296	0.229

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	5.059	5.034	4.987	5.268	5.191	5.123	5.039	5.025
S.D.	0.004	0.004	0.004	0.164	0.060	0.006	0.015	0.021
% R.S.D.	0.071	0.074	0.075	3.106	1.150	0.122	0.300	0.409

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	5.140	4.973	4.975	5.093	4.932	5.115	5.111	5.126
S.D.	0.009	0.016	0.007	0.032	0.003	0.005	0.013	0.020
% R.S.D.	0.166	0.321	0.141	0.629	0.070	0.091	0.255	0.393

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	5.085	4.760	5.109	5.185	4.890
S.D.	0.010	0.044	0.005	0.004	0.020
% R.S.D.	0.203	0.925	0.096	0.077	0.415

Identity 1: CCB Identity 2: Quality Control 10:22 AM August 1, 1995
Task name : TWC93
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	-0.004	0.003	0.004	-0.004	-0.000	0.000
S.D.	0.001	0.000	0.009	0.002	0.005	0.000	0.000	0.000
% R.S.D.	65.645	69.040	252.308	58.766	138.045	0.118	51.356	93.658

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	0.001	0.004	0.005	0.005	0.000	-0.000	0.011	0.014
S.D.	0.000	0.001	0.001	0.001	0.000	0.000	0.004	0.039
% R.S.D.	5.929	32.911	29.135	22.150	28.571	189.571	40.534	274.763

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	0.011	0.008	0.000	-0.005	0.009	0.000	0.013	0.015
S.D.	0.008	0.007	0.000	0.012	0.005	0.000	0.003	0.002
% R.S.D.	73.833	83.742	942.762	238.631	52.712	75.292	19.793	13.636

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.001	-0.000	0.006	0.001	0.002	0.003	0.100
S.D.	0.000	0.007	0.000	0.002	0.000	0.001	0.001	0.011
% R.S.D.	180.000	526.629	88.378	23.536	8.589	71.186	36.273	11.384

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	-0.000	-0.040	0.000	-0.000	0.016
S.D.	0.000	0.015	0.000	0.000	0.014
% R.S.D.	170.301	37.453	1907.621	183.072	87.079

Identity 1: S95T001337_L Identity 2: .5808gin250,1-9-2-8 10:26 AM August 1, 1995
Task name : TWC93
Sample Weight : 0.5808 Solution Volume : 12500.00
Peak Integrations : 3 Off-Peak Integrations : 1

	ZR (ppm)	SR (ppm)	BI (ppm)	SI (ppm)	AL (ppm)	CO (ppm)	CU (ppm)	LI (ppm)
Mean	36.446	30.534	-238.794	4847.456	94927.894	16.859	101.254	27.130
S.D.	29.858	1.995	85.307	28.190	229.422	0.102	3.518	6.725
% R.S.D.	81.925	6.534	35.724	0.582	0.242	0.605	3.475	24.788

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	97.083	3646.730	77.570	4297.226	1243.814	171.402	104.220	15024.821
S.D.	6.277	42.910	26.343	16.209	11.596	28.727	150.240	749.683
% R.S.D.	6.465	1.177	33.960	0.377	0.932	16.760	144.156	4.990

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	109.707	224.412	31.038	22038.180	5527.295	270.910	138.578	131270.342
S.D.	184.000	193.757	3.444	460.621	149.061	2.067	67.538	1172.910
% R.S.D.	167.719	86.340	11.094	2.090	2.697	0.763	48.737	0.894

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	38.731	289.586	203.157	794.352	70.783	71.850	128.450	4830452.239
S.D.	21.802	96.856	13.718	76.256	9.005	7.882	17.771	56283.467
% R.S.D.	56.292	33.446	6.752	9.600	12.722	10.970	13.835	1.165

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	522.624	-731.796	20.021	-6.537	693.203
S.D.	8.987	245.887	19.200	4.027	357.680
% R.S.D.	1.720	33.600	95.902	61.597	51.598

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001337 Identity 2: .5808gin250,1-9 ml 10:31 AM August 1, 1995
Task name : TWC93
Sample Weight : 0.5808 Solution Volume : 2500.00
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	14.415	30.270	-34.363	4880.498	96367.717	-2.252	113.053	28.286
S.D.	2.578	0.230	24.433	10.301	122.743	6.644	0.161	0.673
% R.S.D.	17.887	0.761	71.101	0.211	0.127	295.052	0.142	2.377

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	99.586	3619.375	8.310	4300.623	982.301	216.537	113.012	14625.053
S.D.	2.182	28.247	3.056	26.795	1.022	11.105	41.400	78.182
% R.S.D.	2.192	0.780	36.775	0.623	0.104	5.128	36.633	0.535

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	-13.263	29.706	28.125	21734.356	5435.156	230.557	6.729	125054.668
S.D.	19.688	21.355	0.357	679.810	90.321	0.714	13.796	66.532
% R.S.D.	148.449	71.889	1.270	3.128	1.662	0.310	205.023	0.053

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	2.711	-9.718	207.223	628.976	42.200	36.030	30.873	4550781.822
S.D.	5.229	47.309	1.748	30.670	1.155	3.325	3.727	4640.565
% R.S.D.	192.857	486.814	0.844	4.876	2.737	9.228	12.073	0.102

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	549.029	-225.221	22.548	-0.486	-94.892
S.D.	1.809	25.705	2.080	0.455	43.787
% R.S.D.	0.330	11.413	9.223	93.698	46.144

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001337_D Identity 2: .5460gin250,1-9 ml 10:34 AM August 1, 1995
Task name : TWC93
Sample Weight : 0.5460 Solution Volume : 2500.00
Peak Integrations : 3 Off-Peak Integrations : 1

	ZR (ppm)	SR (ppm)	BI (ppm)	SI (ppm)	AL (ppm)	CO (ppm)	CU (ppm)	LI (ppm)
Mean	46.962	29.810	-6.904	4555.210	98713.455	10.017	87.218	29.812
S.D.	5.180	0.425	10.281	4.242	137.204	7.049	1.443	1.183
% R.S.D.	11.030	1.425	148.900	0.093	0.139	70.379	1.654	3.969

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	92.665	4755.660	19.258	3959.908	873.119	218.329	118.797	13577.339
S.D.	1.149	22.151	18.221	23.167	1.044	2.194	19.419	153.347
% R.S.D.	1.240	0.466	94.618	0.585	0.120	1.005	16.347	1.129

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	75.427	15.694	27.351	20867.983	7534.838	205.064	24.905	125184.008
S.D.	40.277	37.408	0.883	720.435	113.365	0.004	9.908	1009.299
% R.S.D.	53.399	238.357	3.227	3.452	1.505	0.002	39.782	0.806

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	6.798	-49.782	205.313	641.495	34.390	39.128	27.637	4691642.859
S.D.	5.146	37.098	4.796	45.951	0.747	1.683	2.399	26509.253
% R.S.D.	75.697	74.522	2.336	7.163	2.173	4.302	8.679	0.565

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	558.215	52.658	24.537	0.988	-112.835
S.D.	1.445	92.820	2.009	1.300	73.824
% R.S.D.	0.259	176.268	8.188	131.590	65.426

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001337_A Identity 2: .5808gin250,1-9 ml 10:38 AM August 1, 1995
Task name : TWC93
Sample Weight : 0.5808 Solution Volume : 2500.00
On-Peak Integrations : 3 Off-Peak Integrations : 1

4204.01

	ZR (ppm)	SR (ppm)	BI (ppm)	SI (ppm)	AL (ppm)	CO (ppm)	CU (ppm)	LI (ppm)
Mean	4424.827	4408.975	4370.183	9276.700	101521.458	4488.898	4365.355	4003.006
S.D.	11.349	7.988	25.963	19.966	151.426	23.923	12.639	34.978
% R.S.D.	0.256	0.181	0.594	0.215	0.149	0.533	0.290	0.874

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	4570.309	8046.002	4523.554	8912.270	5530.579	4775.948	4703.216	22790.914
S.D.	9.565	28.628	35.414	49.160	11.603	25.412	24.436	119.310
% R.S.D.	0.209	0.356	0.783	0.552	0.210	0.532	0.520	0.523

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	4487.713	4374.267	4375.733	26789.516	9976.615	4719.608	4402.479	128842.558
S.D.	48.492	38.452	8.822	229.299	20.354	12.876	8.566	1021.524
% R.S.D.	1.081	0.879	0.202	0.856	0.204	0.273	0.195	0.793

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	4482.164	4274.310	3463.731	5090.641	4371.968	4487.654	4336.299	4525840.270
S.D.	29.189	95.012	18.724	36.313	6.734	14.690	3.457	26957.918
% R.S.D.	0.651	2.223	0.541	0.713	0.154	0.327	0.080	0.596

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	5061.610	3865.920	4562.933	4383.363	4285.935
S.D.	17.154	58.062	17.661	17.298	47.266
% R.S.D.	0.339	1.502	0.387	0.395	1.103

Identity 1: ICSA Identity 2: Quality Control 10:51 AM August 1, 1995
Task name : TWC93
Sample Weight : 1.0000 Solution Volume : 1.00
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	0.010	0.069	202.597	0.007	-0.014	0.001
S.D.	0.000	0.000	0.004	0.007	0.579	0.002	0.000	0.000
% R.S.D.	37.695	15.776	40.301	9.544	0.286	21.658	2.072	37.353

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	0.001	-0.046	0.007	150.757	19.245	-0.012	0.030	0.011
S.D.	0.000	0.001	0.001	0.632	0.070	0.001	0.008	0.032
% R.S.D.	64.352	1.581	9.277	0.419	0.364	6.292	25.867	282.849

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	0.008	-0.008	0.003	0.019	0.165	19.525	-0.006	188.183
S.D.	0.003	0.006	0.000	0.005	0.010	0.056	0.005	0.663
% R.S.D.	37.420	74.482	5.751	24.278	6.240	0.287	76.904	0.352

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	0.001	-0.018	-0.004	0.026	0.000	0.011	-0.048	0.124
S.D.	0.001	0.003	0.000	0.015	0.000	0.001	0.001	0.021
% R.S.D.	50.634	15.863	4.132	56.624	72.420	10.129	2.170	16.562

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	0.009	-0.010	-0.004	0.002	-0.058
S.D.	0.000	0.028	0.000	0.000	0.001
% R.S.D.	4.813	277.361	8.043	8.200	1.946

WHC-SD-WM-DP-139, REV. 1

Identity 1: ICSAB Identity 2: Quality Control 10:55 AM August 1, 1995
Task name : TWC93
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	0.072	203.058	0.513	0.484	0.942
S.D.	0.001	0.000	0.010	0.004	0.364	0.004	0.002	0.001
% R.S.D.	50.777	57.861	151.236	5.260	0.179	0.796	0.313	0.115

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	1.026	0.958	0.008	152.387	18.957	0.507	0.028	0.060
S.D.	0.001	0.006	0.003	0.338	0.055	0.002	0.007	0.027
% R.S.D.	0.072	0.590	36.955	0.222	0.290	0.473	24.959	45.626

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	0.012	0.010	0.508	0.019	0.177	19.175	0.009	188.634
S.D.	0.005	0.005	0.001	0.010	0.007	0.014	0.004	0.099
% R.S.D.	38.633	52.843	0.218	51.302	4.160	0.075	45.226	0.052

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	0.000	0.100	1.512	1.058	0.001	1.042	-0.048	0.119
S.D.	0.001	0.006	0.004	0.008	0.000	0.003	0.001	0.004
% R.S.D.	720.677	5.959	0.240	0.792	31.181	0.274	1.899	2.976

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	0.526	-0.018	0.515	0.510	-0.009
S.D.	0.001	0.035	0.001	0.001	0.009
% R.S.D.	0.261	192.566	0.273	0.199	99.945

Identity 1: CCV Identity 2: Quality Control 11:00 AM August 1, 1995
Task name : TWC93
Sample Weight : 1.0000 Solution Volume : 1.00
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	4.954	4.940	4.838	4.950	5.053	4.849	4.986
S.D.	0.005	0.004	0.002	0.009	0.009	0.014	0.004	0.014
% R.S.D.	0.096	0.083	0.039	0.191	0.176	0.271	0.082	0.275

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	5.053	4.994	5.091	5.155	5.201	5.070	5.389	9.399
S.D.	0.011	0.010	0.012	0.013	0.004	0.015	0.006	0.031
% R.S.D.	0.220	0.208	0.245	0.251	0.083	0.304	0.102	0.328

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	4.942	5.003	4.958	5.111	4.989	5.024	4.951	5.004
S.D.	0.015	0.008	0.003	0.165	0.036	0.008	0.032	0.014
% R.S.D.	0.304	0.168	0.060	3.235	0.719	0.167	0.643	0.285

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	5.028	4.881	4.900	5.055	4.869	5.052	5.137	5.277
S.D.	0.018	0.009	0.007	0.030	0.004	0.012	0.005	0.005
% R.S.D.	0.362	0.177	0.148	0.595	0.084	0.239	0.102	0.101

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	5.038	4.779	5.067	5.144	4.834
S.D.	0.011	0.019	0.004	0.004	0.016
% R.S.D.	0.223	0.407	0.083	0.075	0.338

Identity 1: CCB Identity 2: Quality Control 11:05 AM August 1, 1995
Task name : TWC93
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	-0.007	0.003	-0.004	0.001	-0.001	0.000
S.D.	0.000	0.000	0.019	0.001	0.006	0.000	0.000	0.000
% R.S.D.	10.298	34.906	271.078	44.243	128.332	0.098	41.427	47.283

	ZN (ppm)	NI (ppm)	LA (ppm)	FE (ppm)	CA (ppm)	CR (ppm)	ND (ppm)	U (ppm)
Mean	0.000	0.002	-0.001	0.003	0.000	0.002	0.010	0.084
S.D.	0.000	0.001	0.002	0.002	0.000	0.001	0.006	0.006
% R.S.D.	77.438	63.018	239.078	63.207	22.913	35.027	59.986	7.152

	CE (ppm)	SM (ppm)	BA (ppm)	P (ppm)	S (ppm)	MG (ppm)	AS (ppm)	NA (ppm)
Mean	0.010	0.022	0.000	-0.005	0.004	0.000	0.008	0.028
S.D.	0.004	0.002	0.000	0.009	0.000	0.000	0.001	0.002
% R.S.D.	35.716	7.852	32.064	183.476	5.329	28.645	9.866	6.977

	MO (ppm)	SE (ppm)	AG (ppm)	PB (ppm)	TI (ppm)	CD (ppm)	B (ppm)	K (ppm)
Mean	0.002	0.001	0.001	0.007	0.001	0.002	0.000	0.170
S.D.	0.001	0.007	0.000	0.006	0.000	0.001	0.000	0.014
% R.S.D.	59.177	789.926	29.898	87.458	42.251	44.679	186.124	8.257

	MN (ppm)	SB (ppm)	V (ppm)	BE (ppm)	TL (ppm)
Mean	-0.000	-0.007	0.001	0.000	0.032
S.D.	0.000	0.042	0.001	0.000	0.010
% R.S.D.	59.404	571.577	108.869	7.152	29.912

JK Lab
08-01-95

WHC-SD-WM-DP-139, REV. 1

ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	1935	1			ICV	AG				4.9518		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
2	1935	1			ICV	AL				5.0078		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
3	1935	1			ICV	AS				5.0285		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
4	1935	1			ICV	B				5.0883		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
5	1935	1			ICV	BA				4.9620		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
6	1935	1			ICV	BE				5.1675		1.0000	08/01/95	09:34	dks	0.005	@ICP-QC
7	1935	1			ICV	BI				4.9642		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
8	1935	1			ICV	CA				5.1697		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
9	1935	1			ICV	CD				5.0929		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
10	1935	1			ICV	CE				5.0209		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
11	1935	1			ICV	CO				5.1484		1.0000	08/01/95	09:34	dks	0.02	@ICP-QC
12	1935	1			ICV	CR				5.1364		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
13	1935	1			ICV	CU				4.8385		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
14	1935	1			ICV	FE				5.0678		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
15	1935	1			ICV	K				4.9553		1.0000	08/01/95	09:34	dks	0.3	@ICP-QC
16	1935	1			ICV	LA				4.9875		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
17	1935	1			ICV	LI				4.9840		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
18	1935	1			ICV	MG				5.1137		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
19	1935	1			ICV	MN				5.0632		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
20	1935	1			ICV	MO				5.1403		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
21	1935	1			ICV	NA				4.9818		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
22	1935	1			ICV	ND				5.0667		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
23	1935	1			ICV	NI				5.0432		1.0000	08/01/95	09:34	dks	0.02	@ICP-QC
24	1935	1			ICV	P				5.2749		1.0000	08/01/95	09:34	dks	0.2	@ICP-QC
25	1935	1			ICV	PB				5.0543		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
26	1935	1			ICV	S				5.1644		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
27	1935	1			ICV	SB				4.7604		1.0000	08/01/95	09:34	dks	0.2	@ICP-QC
28	1935	1			ICV	SE				4.9398		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
29	1935	1			ICV	SI				4.9058		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
30	1935	1			ICV	SM				4.9873		1.0000	08/01/95	09:34	dks	0.1	@ICP-QC
31	1935	1			ICV	SR				4.9731		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
32	1935	1			ICV	TI				4.9175		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
33	1935	1			ICV	TL				4.8457		1.0000	08/01/95	09:34	dks	0.2	@ICP-QC
34	1935	1			ICV	U				9.2629		1.0000	08/01/95	09:34	dks	0.4	@ICP-QC
35	1935	1			ICV	V				5.0801		1.0000	08/01/95	09:34	dks	0.05	@ICP-QC
36	1935	1			ICV	ZN				5.1359		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
37	1935	1			ICV	ZR				4.9573		1.0000	08/01/95	09:34	dks	0.01	@ICP-QC
38	1935	2			ICB	AG				0.0010		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
39	1935	2			ICB	AL				0.0045		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
40	1935	2			ICB	AS				0.0035		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
41	1935	2			ICB	B				0.0043		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
42	1935	2			ICB	BA				0.0003		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
43	1935	2			ICB	BE				-0.0001		1.0000	08/01/95	09:37	dks	0.005	@ICP-QC
44	1935	2			ICB	BI				0.0103		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
45	1935	2			ICB	CA				0.0002		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
46	1935	2			ICB	CD				0.0020		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
47	1935	2			ICB	CE				0.0121		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
48	1935	2			ICB	CO				-0.0027		1.0000	08/01/95	09:37	dks	0.02	@ICP-QC
49	1935	2			ICB	CR				-0.0002		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
50	1935	2			ICB	CU				-0.0001		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
51	1935	2			ICB	FE				0.0035		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
52	1935	2			ICB	K				0.0246		1.0000	08/01/95	09:37	dks	0.3	@ICP-QC
53	1935	2			ICB	LA				0.0029		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
54	1935	2			ICB	LI				0.0004		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
55	1935	2			ICB	MG				0.0002		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
56	1935	2			ICB	MN				-0.0007		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
57	1935	2			ICB	MO				-0.0008		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
58	1935	2			ICB	NA				0.0026		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
59	1935	2			ICB	ND				-0.0011		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
60	1935	2			ICB	NI				0.0002		1.0000	08/01/95	09:37	dks	0.02	@ICP-QC
61	1935	2			ICB	P				-0.0146		1.0000	08/01/95	09:37	dks	0.2	@ICP-QC
62	1935	2			ICB	PB				-0.0018		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
63	1935	2			ICB	S				-0.0037		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
64	1935	2			ICB	SB				-0.0607		1.0000	08/01/95	09:37	dks	0.2	@ICP-QC
65	1935	2			ICB	SE				-0.0083		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
66	1935	2			ICB	SI				0.0039		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
67	1935	2			ICB	SM				0.0205		1.0000	08/01/95	09:37	dks	0.1	@ICP-QC
68	1935	2			ICB	SR				0.0000		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
69	1935	2			ICB	TI				0.0008		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
70	1935	2			ICB	TL				0.0342		1.0000	08/01/95	09:37	dks	0.2	@ICP-QC
71	1935	2			ICB	U				0.0604		1.0000	08/01/95	09:37	dks	0.4	@ICP-QC
72	1935	2			ICB	V				0.0007		1.0000	08/01/95	09:37	dks	0.05	@ICP-QC
73	1935	2			ICB	ZN				0.0005		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
74	1935	2			ICB	ZR				0.0033		1.0000	08/01/95	09:37	dks	0.01	@ICP-QC
75	1935	3			ICSA	AG				-0.0035		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
76	1935	3			ICSA	AL				201.2329		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
77	1935	3			ICSA	AS				0.0023		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
78	1935	3			ICSA	B				-0.0456		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
79	1935	3			ICSA	BA				0.0031		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
80	1935	3			ICSA	BE				0.0023		1.0000	08/01/95	09:39	dks	0.005	@ICP-QC
81	1935	3			ICSA	BI				0.0053		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
82	1935	3			ICSA	CA				19.2381		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
83	1935	3			ICSA	CD				0.0124		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
84	1935	3			ICSA	CE				0.0161		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
85	1935	3			ICSA	CO				0.0062		1.0000	08/01/95	09:39	dks	0.02	@ICP-QC
86	1935	3			ICSA	CR				-0.0106		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
87	1935	3			ICSA	CU				-0.0140		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
88	1935	3			ICSA	FE				148.3693		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
89	1935	3			ICSA	K				-0.0131		1.0000	08/01/95	09:39	dks	0.3	@ICP-QC
90	1935	3			ICSA	LA				0.0084		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
91	1935	3			ICSA	LI				0.0003		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
92	1935	3			ICSA	MG				19.2820		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
93	1935	3			ICSA	MN				0.0105		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
94	1935	3			ICSA	MO				-0.0010		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
95	1935	3			ICSA	NA				187.6509		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
96	1935	3			ICSA	ND				0.0302		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
97	1935	3			ICSA	NI				-0.0442		1.0000	08/01/95	09:39	dks	0.02	@ICP-QC
98	1935	3			ICSA	P				0.0080		1.0000	08/01/95	09:39	dks	0.2	@ICP-QC
99	1935	3			ICSA	PB				0.0386		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
100	1935	3			ICSA	S				0.1517		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
101	1935	3			ICSA	SB				-0.0277		1.0000	08/01/95	09:39	dks	0.2	@ICP-QC
102	1935	3			ICSA	SE				0.0034		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
103	1935	3			ICSA	SI				0.0705		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
104	1935	3			ICSA	SM				0.0072		1.0000	08/01/95	09:39	dks	0.1	@ICP-QC
105	1935	3			ICSA	SR				0.0006		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
106	1935	3			ICSA	TI				0.0010		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
107	1935	3			ICSA	TL				-0.0066		1.0000	08/01/95	09:39	dks	0.2	@ICP-QC
108	1935	3			ICSA	U				0.0292		1.0000	08/01/95	09:39	dks	0.4	@ICP-QC
109	1935	3			ICSA	V				-0.0036		1.0000	08/01/95	09:39	dks	0.05	@ICP-QC
110	1935	3			ICSA	ZN				0.0003		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
111	1935	3			ICSA	ZR				0.0002		1.0000	08/01/95	09:39	dks	0.01	@ICP-QC
112	1935	4			ICSAB	AG				1.4987		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
113	1935	4			ICSAB	AL				201.9927		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
114	1935	4			ICSAB	AS				0.0047		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
115	1935	4			ICSAB	B				-0.0478		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
116	1935	4			ICSAB	BA				0.5080		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
117	1935	4			ICSAB	BE				0.5096		1.0000	08/01/95	09:42	dks	0.005	@ICP-QC
118	1935	4			ICSAB	BI				-0.0180		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
119	1935	4			ICSAB	CA				18.8647		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
120	1935	4			ICSAB	CD				1.0388		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
121	1935	4			ICSAB	CE				0.0107		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
122	1935	4			ICSAB	CO				0.5164		1.0000	08/01/95	09:42	dks	0.02	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
123	1935	4			ICSAB	CR				0.5054		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
124	1935	4			ICSAB	CU				0.4857		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
125	1935	4			ICSAB	FE				150.1383		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
126	1935	4			ICSAB	K				-0.0108		1.0000	08/01/95	09:42	dks	0.3	@ICP-QC
127	1935	4			ICSAB	LA				0.0038		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
128	1935	4			ICSAB	LI				0.9402		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
129	1935	4			ICSAB	MG				19.0501		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
130	1935	4			ICSAB	MN				0.5220		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
131	1935	4			ICSAB	MO				-0.0002		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
132	1935	4			ICSAB	NA				188.2268		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
133	1935	4			ICSAB	ND				0.0268		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
134	1935	4			ICSAB	NI				0.9453		1.0000	08/01/95	09:42	dks	0.02	@ICP-QC
135	1935	4			ICSAB	P				0.0229		1.0000	08/01/95	09:42	dks	0.2	@ICP-QC
136	1935	4			ICSAB	PB				1.0658		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
137	1935	4			ICSAB	S				0.1474		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
138	1935	4			ICSAB	SB				-0.0362		1.0000	08/01/95	09:42	dks	0.2	@ICP-QC
139	1935	4			ICSAB	SE				0.0701		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
140	1935	4			ICSAB	SI				0.0639		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
141	1935	4			ICSAB	SM				-0.0073		1.0000	08/01/95	09:42	dks	0.1	@ICP-QC
142	1935	4			ICSAB	SR				0.0003		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
143	1935	4			ICSAB	TI				-0.0001		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
144	1935	4			ICSAB	TL				-0.0412		1.0000	08/01/95	09:42	dks	0.2	@ICP-QC
145	1935	4			ICSAB	U				-0.0029		1.0000	08/01/95	09:42	dks	0.4	@ICP-QC
146	1935	4			ICSAB	V				0.5094		1.0000	08/01/95	09:42	dks	0.05	@ICP-QC
147	1935	4			ICSAB	ZN				1.0162		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
148	1935	4			ICSAB	ZR				-0.0031		1.0000	08/01/95	09:42	dks	0.01	@ICP-QC
149	1935	5			PREPBLKARL	AG-F-01				0.0123		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
150	1935	5			PREPBLKARL	AL-F-01				0.0621		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
151	1935	5			PREPBLKARL	AS-F-01				0.0409		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
152	1935	5			PREPBLKARL	B-F-01				0.0250		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
153	1935	5			PREPBLKARL	BA-F-01				0.0167		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
154	1935	5			PREPBLKARL	BE-F-01				-0.0006		10.0000	08/01/95	09:49	dks	0.005	@ICP-F0
155	1935	5			PREPBLKARL	BI-F-01				-0.0854		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
156	1935	5			PREPBLKARL	CA-F-01				0.4318		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
157	1935	5			PREPBLKARL	CD-F-01				0.0127		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
158	1935	5			PREPBLKARL	CE-F-01				-0.0026		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
159	1935	5			PREPBLKARL	CO-F-01				0.0531		10.0000	08/01/95	09:49	dks	0.02	@ICP-F0
160	1935	5			PREPBLKARL	CR-F-01				0.0119		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
161	1935	5			PREPBLKARL	CU-F-01				0.0261		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
162	1935	5			PREPBLKARL	FE-F-01				0.8549		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
163	1935	5			PREPBLKARL	K-F-01				10265.9346		10.0000	08/01/95	09:49	dks	0.3	@ICP-F0
164	1935	5			PREPBLKARL	LA-F-01				0.0088		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
165	1935	5			PREPBLKARL	LI-F-01				0.0046		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
166	1935	5			PREPBLKARL	MG-F-01				0.0419		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
167	1935	5			PREPBLKARL	MN-F-01				0.0840		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
168	1935	5			PREPBLKARL	MO-F-01				0.0072		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
169	1935	5			PREPBLKARL	NA-F-01				3.4303		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
170	1935	5			PREPBLKARL	ND-F-01				0.0482		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
171	1935	5			PREPBLKARL	NI-F-01				2.5729		10.0000	08/01/95	09:49	dks	0.02	@ICP-F0
172	1935	5			PREPBLKARL	P-F-01				0.1350		10.0000	08/01/95	09:49	dks	0.2	@ICP-F0
173	1935	5			PREPBLKARL	PB-F-01				0.0336		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
174	1935	5			PREPBLKARL	S-F-01				0.1250		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
175	1935	5			PREPBLKARL	SB-F-01				-0.3494		10.0000	08/01/95	09:49	dks	0.2	@ICP-F0
176	1935	5			PREPBLKARL	SE-F-01				0.1071		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
177	1935	5			PREPBLKARL	SI-F-01				0.3500		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
178	1935	5			PREPBLKARL	SM-F-01				0.1800		10.0000	08/01/95	09:49	dks	0.1	@ICP-F0
179	1935	5			PREPBLKARL	SR-F-01				0.0087		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
180	1935	5			PREPBLKARL	TI-F-01				0.0228		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
181	1935	5			PREPBLKARL	TL-F-01				0.4254		10.0000	08/01/95	09:49	dks	0.2	@ICP-F0
182	1935	5			PREPBLKARL	U-F-01				0.9239		10.0000	08/01/95	09:49	dks	0.4	@ICP-F0
183	1935	5			PREPBLKARL	V-F-01				0.0036		10.0000	08/01/95	09:49	dks	0.05	@ICP-F0
184	1935	5			PREPBLKARL	ZN-F-01				0.0382		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
185	1935	5			PREPBLKARL	ZR-F-01				0.0336		10.0000	08/01/95	09:49	dks	0.01	@ICP-F0
186	1935	6	S95T001336			LI-F-01			<	55.4324		5543.2373	08/01/95	09:59	dks	0.01	@ICP-F0
187	1935	7	S95T001336		DUP	LI-F-01		<55.4324		<55.0661		5506.6079	08/01/95	10:02	dks	0.01	@ICP-F0
188	1935	8	S95T001336_A		SPK	LI-F-01		5543.2373		5107.5382		5543.2373	08/01/95	10:06	dks	0.01	@ICP-F0
189	1935	9			CCV	AG				4.9754		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
190	1935	9			CCV	AL				5.0298		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
191	1935	9			CCV	AS				5.0389		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
192	1935	9			CCV	B				5.1114		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
193	1935	9			CCV	BA				4.9873		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
194	1935	9			CCV	BE				5.1853		1.0000	08/01/95	10:19	dks	0.005	@ICP-QC
195	1935	9			CCV	BI				5.0169		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
196	1935	9			CCV	CA				5.2080		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
197	1935	9			CCV	CD				5.1148		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
198	1935	9			CCV	CE				5.0585		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
199	1935	9			CCV	CO				5.1671		1.0000	08/01/95	10:19	dks	0.02	@ICP-QC
200	1935	9			CCV	CR				5.1464		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
201	1935	9			CCV	CU				4.8649		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
202	1935	9			CCV	FE				5.1456		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
203	1935	9			CCV	K				5.1264		1.0000	08/01/95	10:19	dks	0.3	@ICP-QC
204	1935	9			CCV	LA				5.0448		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
205	1935	9			CCV	LI				5.0092		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
206	1935	9			CCV	MG				5.1231		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
207	1935	9			CCV	MN				5.0849		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
208	1935	9			CCV	MO				5.1306		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
209	1935	9			CCV	NA				5.0264		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
210	1935	9			CCV	ND				5.2147		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
211	1935	9			CCV	NI				5.0659		1.0000	08/01/95	10:19	dks	0.02	@ICP-QC
212	1935	9			CCV	P				5.2682		1.0000	08/01/95	10:19	dks	0.2	@ICP-QC
213	1935	9			CCV	PB				5.0935		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
214	1935	9			CCV	S				5.1914		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
215	1935	9			CCV	SB				4.7601		1.0000	08/01/95	10:19	dks	0.2	@ICP-QC
216	1935	9			CCV	SE				4.9729		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
217	1935	9			CCV	SI				4.9221		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
218	1935	9			CCV	SM				5.0343		1.0000	08/01/95	10:19	dks	0.1	@ICP-QC
219	1935	9			CCV	SR				4.9973		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
220	1935	9			CCV	TI				4.9317		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
221	1935	9			CCV	TL				4.8695		1.0000	08/01/95	10:19	dks	0.2	@ICP-QC
222	1935	9			CCV	U				9.3862		1.0000	08/01/95	10:19	dks	0.4	@ICP-QC
223	1935	9			CCV	V				5.1086		1.0000	08/01/95	10:19	dks	0.05	@ICP-QC
224	1935	9			CCV	ZN				5.1501		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
225	1935	9			CCV	ZR				4.9829		1.0000	08/01/95	10:19	dks	0.01	@ICP-QC
226	1935	10			CCB	AG				-0.0004		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
227	1935	10			CCB	AL				0.0036		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
228	1935	10			CCB	AS				0.0128		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
229	1935	10			CCB	B				0.0026		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
230	1935	10			CCB	BA				0.0000		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
231	1935	10			CCB	BE				-0.0001		1.0000	08/01/95	10:23	dks	0.005	@ICP-QC
232	1935	10			CCB	BI				-0.0038		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
233	1935	10			CCB	CA				0.0005		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
234	1935	10			CCB	CD				0.0015		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
235	1935	10			CCB	CE				0.0113		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
236	1935	10			CCB	CO				-0.0045		1.0000	08/01/95	10:23	dks	0.02	@ICP-QC
237	1935	10			CCB	CR				-0.0002		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
238	1935	10			CCB	CU				-0.0004		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
239	1935	10			CCB	FE				0.0047		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
240	1935	10			CCB	K				0.1002		1.0000	08/01/95	10:23	dks	0.3	@ICP-QC
241	1935	10			CCB	LA				0.0050		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
242	1935	10			CCB	LI				0.0004		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
243	1935	10			CCB	MG				0.0002		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
244	1935	10			CCB	MN				-0.0001		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
245	1935	10			CCB	MO				0.0002		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
246	1935	10			CCB	NA				0.0145		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
247	1935	10			CCB	ND				0.0107		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
248	1935	10			CCB	NI				0.0043		1.0000	08/01/95	10:23	dks	0.02	@ICP-QC
249	1935	10			CCB	P				-0.0052		1.0000	08/01/95	10:23	dks	0.2	@ICP-QC
250	1935	10			CCB	PB				0.0064		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
251	1935	10			CCB	S				0.0092		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
252	1935	10			CCB	SB				-0.0402		1.0000	08/01/95	10:23	dks	0.2	@ICP-QC
[illegible]	1935	10			CCB	SE				0.0013		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
[illegible]	1935	10			CCB	SI				0.0026		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
[illegible]	1935	10			CCB	SM				0.0079		1.0000	08/01/95	10:23	dks	0.1	@ICP-QC
256	1935	10			CCB	SR				0.0001		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
257	1935	10			CCB	TI				0.0007		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
258	1935	10			CCB	TL				0.0161		1.0000	08/01/95	10:23	dks	0.2	@ICP-QC
259	1935	10			CCB	U				0.0143		1.0000	08/01/95	10:23	dks	0.4	@ICP-QC
260	1935	10			CCB	V				0.0000		1.0000	08/01/95	10:23	dks	0.05	@ICP-QC
261	1935	10			CCB	ZN				0.0009		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
262	1935	10			CCB	ZR				0.0016		1.0000	08/01/95	10:23	dks	0.01	@ICP-QC
263	1935	11	S95T001337			LI-F-01			<	43.0441		4304.4077	08/01/95	10:31	dks	0.01	@ICP-F0
264	1935	12	S95T001337		DUP	LI-F-01		<43.0441		<45.7875		4578.7546	08/01/95	10:35	dks	0.01	@ICP-F0
265	1935	13	S95T001337_A		SPK	LI-F-01		4304.4077		4003.0059		4304.4077	08/01/95	10:38	dks	0.01	@ICP-F0
266	1935	14			ICSA	AG				-0.0042		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
267	1935	14			ICSA	AL				202.5969		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
268	1935	14			ICSA	AS				-0.0062		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
269	1935	14			ICSA	B				-0.0480		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
270	1935	14			ICSA	BA				0.0029		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
271	1935	14			ICSA	BE				0.0022		1.0000	08/01/95	10:52	dks	0.005	@ICP-QC
272	1935	14			ICSA	BI				0.0097		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
273	1935	14			ICSA	CA				19.2448		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
274	1935	14			ICSA	CD				0.0107		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
275	1935	14			ICSA	CE				0.0078		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
276	1935	14			ICSA	CO				0.0071		1.0000	08/01/95	10:52	dks	0.02	@ICP-QC
277	1935	14			ICSA	CR				-0.0117		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
278	1935	14			ICSA	CU				-0.0144		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
279	1935	14			ICSA	FE				150.7570		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
280	1935	14			ICSA	K				0.1241		1.0000	08/01/95	10:52	dks	0.3	@ICP-QC
281	1935	14			ICSA	LA				0.0072		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
282	1935	14			ICSA	LI				0.0007		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
283	1935	14			ICSA	MG				19.5249		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
284	1935	14			ICSA	MN				0.0093		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
285	1935	14			ICSA	MO				0.0013		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
286	1935	14			ICSA	NA				188.1826		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
287	1935	14			ICSA	ND				0.0303		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
288	1935	14			ICSA	NI				-0.0485		1.0000	08/01/95	10:52	dks	0.02	@ICP-QC
289	1935	14			ICSA	P				0.0195		1.0000	08/01/95	10:52	dks	0.2	@ICP-QC
290	1935	14			ICSA	PB				0.0264		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
291	1935	14			ICSA	S				0.1647		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
292	1935	14			ICSA	SB				-0.0101		1.0000	08/01/95	10:52	dks	0.2	@ICP-QC
293	1935	14			ICSA	SE				-0.0185		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
294	1935	14			ICSA	SI				0.0692		1.0000	08/01/95	10.52	dks	0.05	@ICP-QC
295	1935	14			ICSA	SM				-0.0060		1.0000	08/01/95	10:52	dks	0.1	@ICP-QC
296	1935	14			ICSA	SR				0.0006		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
297	1935	14			ICSA	TI				0.0004		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
298	1935	14			ICSA	TL				-0.0577		1.0000	08/01/95	10:52	dks	0.2	@ICP-QC
299	1935	14			ICSA	U				0.0113		1.0000	08/01/95	10.52	dks	0.4	@ICP-QC
300	1935	14			ICSA	V				-0.0037		1.0000	08/01/95	10:52	dks	0.05	@ICP-QC
301	1935	14			ICSA	ZN				0.0006		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
302	1935	14			ICSA	ZR				-0.0013		1.0000	08/01/95	10:52	dks	0.01	@ICP-QC
303	1935	15			ICSAB	AG				1.5123		1.0000	08/01/95	10:55	dks	0.01	@ICP-QC
[illegible]	1935	15			ICSAB	AL				203.0584		1.0000	08/01/95	10:55	dks	0.05	@ICP-QC
[illegible]	1935	15			ICSAB	AS				0.0092		1.0000	08/01/95	10.55	dks	0.05	@ICP-QC
[illegible]	1935	15			ICSAB	B				-0.0479		1.0000	08/01/95	10:55	dks	0.05	@ICP-QC
[illegible]	1935	15			ICSAB	BA				0.5084		1.0000	08/01/95	10:55	dks	0.05	@ICP-QC
308	1935	15			ICSAB	BE				0.5104		1.0000	08/01/95	10:55	dks	0.005	@ICP-QC
309	1935	15			ICSAB	BI				-0.0064		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
310	1935	15			ICSAB	CA				18.9566		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
311	1935	15			ICSAB	CD				1.0423		1.0000	08/01/95	10:55	dks	0.01	@ICP-QC
312	1935	15			ICSAB	CE				0.0119		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
313	1935	15			ICSAB	CO				0.5129		1.0000	08/01/95	10:55	dks	0.02	@ICP-QC
314	1935	15			ICSAB	CR				0.5072		1.0000	08/01/95	10.55	dks	0.01	@ICP-QC
315	1935	15			ICSAB	CU				0.4841		1.0000	08/01/95	10:55	dks	0.01	@ICP-QC
316	1935	15			ICSAB	FE				152.3868		1.0000	08/01/95	10.55	dks	0.05	@ICP-QC
317	1935	15			ICSAB	K				0.1188		1.0000	08/01/95	10:55	dks	0.3	@ICP-QC
318	1935	15			ICSAB	LA				0.0083		1.0000	08/01/95	10:55	dks	0.05	@ICP-QC
319	1935	15			ICSAB	LI				0.9419		1.0000	08/01/95	10:55	dks	0.01	@ICP-QC
320	1935	15			ICSAB	MG				19.1754		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
321	1935	15			ICSAB	MN				0.5261		1.0000	08/01/95	10:55	dks	0.01	@ICP-QC
322	1935	15			ICSAB	MO				0.0002		1.0000	08/01/95	10:55	dks	0.05	@ICP-QC
323	1935	15			ICSAB	NA				188.6345		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
324	1935	15			ICSAB	ND				0.0276		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
325	1935	15			ICSAB	NI				0.9577		1.0000	08/01/95	10:55	dks	0.02	@ICP-QC
326	1935	15			ICSAB	P				0.0186		1.0000	08/01/95	10:55	dks	0.2	@ICP-QC
327	1935	15			ICSAB	PB				1.0581		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
328	1935	15			ICSAB	S				0.1768		1.0000	08/01/95	10:55	dks	0.05	@ICP-QC
329	1935	15			ICSAB	SB				-0.0180		1.0000	08/01/95	10:55	dks	0.2	@ICP-QC
330	1935	15			ICSAB	SE				0.0999		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
331	1935	15			ICSAB	SI				0.0722		1.0000	08/01/95	10:55	dks	0.05	@ICP-QC
332	1935	15			ICSAB	SM				0.0099		1.0000	08/01/95	10:55	dks	0.1	@ICP-QC
333	1935	15			ICSAB	SR				0.0001		1.0000	08/01/95	10:55	dks	0.01	@ICP-QC
334	1935	15			ICSAB	TI				0.0009		1.0000	08/01/95	10:55	dks	0.01	@ICP-QC
335	1935	15			ICSAB	TL				-0.0089		1.0000	08/01/95	10:55	dks	0.2	@ICP-QC
336	1935	15			ICSAB	U				0.0596		1.0000	08/01/95	10:55	dks	0.4	@ICP-QC
337	1935	15			ICSAB	V				0.5147		1.0000	08/01/95	10:55	dks	0.05	@ICP-QC
338	1935	15			ICSAB	ZN				1.0261		1.0000	08/01/95	10.55	dks	0.01	@ICP-QC
339	1935	15			ICSAB	ZR				-0.0015		1.0000	08/01/95	10:55	dks	0.01	@ICP-QC
340	1935	16			CCV	AG				4.9000		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
341	1935	16			CCV	AL				4.9498		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
342	1935	16			CCV	AS				4.9511		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
343	1935	16			CCV	B				5.1368		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
344	1935	16			CCV	BA				4.9581		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
345	1935	16			CCV	BE				5.1445		1.0000	08/01/95	11:01	dks	0.005	@ICP-QC
346	1935	16			CCV	BI				4.9403		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
347	1935	16			CCV	CA				5.2013		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
348	1935	16			CCV	CD				5.0515		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
349	1935	16			CCV	CE				4.9419		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
350	1935	16			CCV	CO				5.0531		1.0000	08/01/95	11:01	dks	0.02	@ICP-QC
351	1935	16			CCV	CR				5.0697		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
352	1935	16			CCV	CU				4.8466		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
353	1935	16			CCV	FE				5.1546		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
354	1935	16			CCV	K				5.2774		1.0000	08/01/95	11:01	dks	0.3	@ICP-QC
[illegible]	1935	16			CCV	LA				5.0913		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
[illegible]	1935	16			CCV	LI				4.9856		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
[illegible]	1935	16			CCV	MG				5.0245		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
[illegible]	1935	16			CCV	MN				5.0376		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
359	1935	16			CCV	MO				5.0282		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
360	1935	16			CCV	NA				5.0036		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
361	1935	16			CCV	ND				5.3890		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
362	1935	16			CCV	NI				4.9941		1.0000	08/01/95	11:01	dks	0.02	@ICP-QC
363	1935	16			CCV	P				5.1109		1.0000	08/01/95	11:01	dks	0.2	@ICP-QC
364	1935	16			CCV	PB				5.0548		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
365	1935	16			CCV	S				4.9894		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
366	1935	16			CCV	SB				4.7789		1.0000	08/01/95	11:01	dks	0.2	@ICP-QC

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WHC-SD-WM-DP-139, REV. 1

ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
367	1935	16			CCV	SE				4.8807		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
368	1935	16			CCV	SI				4.8385		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
369	1935	16			CCV	SM				5.0027		1.0000	08/01/95	11:01	dks	0.1	@ICP-QC
370	1935	16			CCV	SR				4.9540		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
371	1935	16			CCV	TI				4.8695		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
372	1935	16			CCV	TL				4.8343		1.0000	08/01/95	11:01	dks	0.2	@ICP-QC
373	1935	16			CCV	U				9.3989		1.0000	08/01/95	11:01	dks	0.4	@ICP-QC
374	1935	16			CCV	V				5.0688		1.0000	08/01/95	11:01	dks	0.05	@ICP-QC
375	1935	16			CCV	ZN				5.0534		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
376	1935	16			CCV	ZR				4.9424		1.0000	08/01/95	11:01	dks	0.01	@ICP-QC
377	1935	17			CCB	AG				0.0009		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
378	1935	17			CCB	AL				-0.0045		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
379	1935	17			CCB	AS				0.0084		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
380	1935	17			CCB	B				0.0002		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
381	1935	17			CCB	BA				0.0002		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
382	1935	17			CCB	BE				0.0000		1.0000	08/01/95	11:06	dks	0.005	@ICP-QC
383	1935	17			CCB	BI				-0.0071		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
384	1935	17			CCB	CA				0.0004		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
385	1935	17			CCB	CD				0.0025		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
386	1935	17			CCB	CE				0.0104		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
387	1935	17			CCB	CO				0.0009		1.0000	08/01/95	11:06	dks	0.02	@ICP-QC
388	1935	17			CCB	CR				0.0023		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
389	1935	17			CCB	CU				-0.0009		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
390	1935	17			CCB	FE				0.0032		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
391	1935	17			CCB	K				0.1703		1.0000	08/01/95	11:06	dks	0.3	@ICP-QC
392	1935	17			CCB	LA				-0.0008		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
393	1935	17			CCB	LI				0.0003		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
394	1935	17			CCB	MG				0.0003		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
395	1935	17			CCB	MN				-0.0005		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
396	1935	17			CCB	MO				0.0021		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
397	1935	17			CCB	NA				0.0284		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
398	1935	17			CCB	ND				0.0098		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
399	1935	17			CCB	NI				0.0017		1.0000	08/01/95	11:06	dks	0.02	@ICP-QC
400	1935	17			CCB	P				-0.0049		1.0000	08/01/95	11:06	dks	0.2	@ICP-QC
401	1935	17			CCB	PB				0.0070		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
402	1935	17			CCB	S				0.0045		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
403	1935	17			CCB	SB				-0.0073		1.0000	08/01/95	11:06	dks	0.2	@ICP-QC
404	1935	17			CCB	SE				0.0009		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
405	1935	17			CCB	SI				0.0034		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
406	1935	17			CCB	SM				0.0221		1.0000	08/01/95	11:06	dks	0.1	@ICP-QC
407	1935	17			CCB	SR				0.0001		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
408	1935	17			CCB	TI				0.0009		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
409	1935	17			CCB	TL				0.0319		1.0000	08/01/95	11:06	dks	0.2	@ICP-QC
410	1935	17			CCB	U				0.0839		1.0000	08/01/95	11:06	dks	0.4	@ICP-QC
411	1935	17			CCB	V				0.0009		1.0000	08/01/95	11:06	dks	0.05	@ICP-QC
412	1935	17			CCB	ZN				0.0004		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC
413	1935	17			CCB	ZR				0.0021		1.0000	08/01/95	11:06	dks	0.01	@ICP-QC

WHC-SD-WM-DP-132, REV. 1

SP 08/01/95

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FILE # 950831A

LABCORE Data Entry Template for Worklist# 2181

Analyst: B. Goecke Instrument: ICP01 _____ Book# 4634895

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

Worklist Comment: ICP B-101 FUSION (Li only)

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-F03	SOLID		
6	SAMPLE	S95T001552	0	F	@ICP-F03	SOLID	95000091	B-101
	Analytes Requested: LI-F-01							
7	DUP	S95T001552	0	F	@ICP-F03	SOLID		
8	SPK	S95T001552	0	F	@ICP-F03	SOLID		
9	CCV				@ICP-QC	QC		
10	CCB				@ICP-QC	QC		
11	SAMPLE	S95T001556	0	F	@ICP-F03	SOLID	95000093	B-101
	Analytes Requested: LI-F-01							
12	DUP	S95T001556	0	F	@ICP-F03	SOLID		
13	SPK	S95T001556	0	F	@ICP-F03	SOLID		
14	ICSA				@ICP-QC	QC		
15	ICSAB				@ICP-QC	QC		
16	CCV				@ICP-QC	QC		
17	CCB				@ICP-QC	QC		

Data Entry Comments:

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

LABCORE Data Entry Template for Worklist# 2181

S Type	Sample#	R	A	Test	Matrix	Group#	Project

Final page for worklist # 2181

Analyst Signature: [signature] Date: 8-31-95

Reviewed + Validated by: Samuel M. Parry → 09/01/95
Analyst Signature Date

		D.F.
PREPBLKMC	1mL - 2mL	1
S95T001552-L	.5318g in 250mL - 1mL - 2mL - 1mL - 4mL	12500
S95T001552	.5318g in 250mL - 1mL - 2mL	2500
S95T001552-D	.5298g in 250mL - 1mL - 2mL	2500
S95T001552-A	.5318g in 250mL - 1mL - 2mL - 2mL	2500
S95T001556-L	.4765g in 250mL - 1mL - 2mL - 1mL - 4mL	12500
S95T001556	.4765g in 250mL - 1mL - 2mL	2500
S95T001556-D	.4774g in 250mL - 1mL - 2mL	2500
S95T001556-A	.4765g in 250mL - 1mL - 2mL - 2mL	2500

Data Entry Comments:

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

Identity 1: ICV Identity 2: Quality Control 1:26 PM August 31, 1995
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	4.932	5.006	4.940	4.856	4.976	4.966	5.090	5.209
S.D.	0.003	0.004	0.022	0.003	0.008	0.000	0.012	0.034
% R.S.D.	0.071	0.080	0.447	0.066	0.169	0.000	0.239	0.649

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.013	4.886	4.996	4.967	4.929	4.933	5.247	9.538
S.D.	0.009	0.002	0.002	0.028	0.009	0.004	0.026	0.025
% R.S.D.	0.187	0.050	0.037	0.562	0.187	0.087	0.503	0.266

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.117	5.138	5.024	5.196	5.066	4.831	5.035	5.157
S.D.	0.007	0.008	0.007	0.189	0.112	0.007	0.023	0.036
% R.S.D.	0.131	0.158	0.135	3.638	2.219	0.154	0.448	0.702

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.024	5.067	4.831	4.908	4.887	4.932	5.097	5.071
S.D.	0.015	0.031	0.007	0.012	0.003	0.006	0.011	0.038
% R.S.D.	0.302	0.607	0.143	0.250	0.052	0.124	0.209	0.754

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.912	4.702	5.001	5.124	4.695
S.D.	0.009	0.047	0.006	0.004	0.017
% R.S.D.	0.174	1.004	0.120	0.076	0.368

8-31-95
B-101
S95T001552
S95T001556
Fusion
FILE # 950831A

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 287 TO 305.

Identity 1: ICB Identity 2: Quality Control 1:30 PM August 31, 1995
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	-0.012	0.004	0.007	-0.008	-0.001	-0.000
S.D.	0.001	0.000	0.008	0.001	0.001	0.002	0.000	0.000
% R.S.D.	61.244	60.000	63.410	31.886	8.640	19.245	14.368	63.974

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.000	-0.001	-0.004	-0.002	0.001	-0.001	-0.009	-0.042
S.D.	0.000	0.001	0.001	0.004	0.000	0.000	0.003	0.022
% R.S.D.	86.337	74.099	15.826	187.478	6.946	14.710	29.435	52.325

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.032	0.005	-0.000	-0.000	-0.008	0.000	-0.008	-0.015
S.D.	0.007	0.007	0.000	0.004	0.001	0.000	0.002	0.001
% R.S.D.	21.192	142.005	8.422	1325.767	17.960	34.641	25.087	7.531

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.002	-0.006	-0.002	0.010	-0.000	-0.000	0.001	-0.120
S.D.	0.001	0.009	0.000	0.009	0.000	0.001	0.001	0.012
% R.S.D.	63.788	156.045	22.000	87.821	397.868	150.304	140.337	10.185

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	-0.037	-0.001	0.000	0.008
S.D.	0.000	0.026	0.000	0.000	0.015
% R.S.D.	33101.277	70.577	26.409	44.968	191.388

WHC-SD-WM-DP-139, REV.1

Identity 1: ICSA Identity 2: Quality Control 1:33 PM August 31, 1995
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	0.008	0.002	-0.027	0.020	199.947	-0.005	0.004	0.000
S.D.	0.000	0.000	0.007	0.002	0.479	0.002	0.001	0.000
% R.S.D.	5.675	7.784	26.769	12.037	0.240	34.454	14.044	61.687

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.002	0.007	-0.003	96.755	99.776	0.009	0.028	-0.001
S.D.	0.001	0.001	0.002	0.139	0.139	0.001	0.011	0.051
% R.S.D.	32.555	11.012	67.906	0.143	0.139	11.546	37.842	8782.050

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.027	0.011	0.004	0.026	-0.005	99.174	-0.005	192.438
S.D.	0.012	0.009	0.000	0.006	0.022	0.344	0.004	1.627
% R.S.D.	43.322	78.062	4.950	23.131	404.440	0.347	85.110	0.846

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.031	0.003	0.014	-0.000	0.001	0.013	-0.060
S.D.	0.001	0.010	0.001	0.010	0.001	0.001	0.000	0.005
% R.S.D.	109.398	33.119	20.762	67.926	312.025	53.609	3.135	8.449

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.007	0.017	0.002	0.003	0.031
S.D.	0.001	0.026	0.001	0.000	0.022
% R.S.D.	8.728	155.146	33.384	11.140	71.434

Identity 1: ICSAB Identity 2: Quality Control 1:36 PM August 31, 1995
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	0.001	-0.046	0.016	201.134	0.480	0.498	0.967
S.D.	0.001	0.000	0.007	0.001	0.205	0.002	0.000	0.002
% R.S.D.	12.558	2.341	14.939	6.626	0.102	0.330	0.095	0.202

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	1.001	0.959	-0.001	97.729	100.735	0.498	0.012	0.045
S.D.	0.002	0.001	0.003	0.276	0.059	0.002	0.010	0.007
% R.S.D.	0.201	0.061	223.060	0.282	0.059	0.370	81.215	14.576

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.001	0.028	0.500	0.029	0.024	101.592	-0.017	190.875
S.D.	0.004	0.001	0.001	0.004	0.012	0.099	0.007	0.362
% R.S.D.	279.831	4.838	0.135	13.900	51.404	0.098	44.241	0.189

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.002	-0.012	1.009	1.009	0.001	0.977	0.014	0.015
S.D.	0.001	0.031	0.001	0.010	0.000	0.003	0.001	0.005
% R.S.D.	64.284	255.957	0.087	0.944	75.159	0.329	5.877	30.321

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.498	0.051	0.494	0.490	0.036
S.D.	0.003	0.016	0.002	0.001	0.010
% R.S.D.	0.549	32.395	0.326	0.223	27.052

Identity 1: PREPBLK Identity 2: Quality Control 1:42 PM August 31, 1995
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	-0.045	-0.028	0.008	-0.013	0.005	-0.001
S.D.	0.001	0.000	0.009	0.002	0.001	0.003	0.000	0.000
% R.S.D.	137.781	57.735	19.224	6.513	13.389	21.429	4.628	19.113

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.027	0.117	0.000	0.025	-0.679	0.005	-0.001	0.028
S.D.	0.000	0.002	0.003	0.003	0.010	0.001	0.005	0.030
% R.S.D.	1.483	1.631	536.551	11.002	1.425	12.184	425.382	107.124

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.030	0.007	0.001	0.022	0.028	0.003	-0.003	0.340
S.D.	0.009	0.007	0.000	0.008	0.002	0.000	0.003	0.005
% R.S.D.	28.749	94.516	12.189	33.536	7.790	3.464	113.776	1.550

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-0.002	0.016	-0.002	-0.013	0.001	0.002	0.000	1050.353
S.D.	0.001	0.008	0.001	0.013	0.000	0.001	0.000	5.981
% R.S.D.	36.169	52.988	26.611	101.680	54.486	34.505	80.545	0.569

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.006	-0.086	-0.001	-0.000	-0.017
S.D.	0.000	0.029	0.001	0.000	0.023
% R.S.D.	2.743	33.475	43.312	28.297	132.936

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001552_L Identity 2: .5318gin250-1-9-1-4 1:46 PM August 31, 1995
Task name : OPTIMA
Sample Weight : 0.5318 Solution Volume : 12500.00
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	29.221	1.331	-820.897	69.521	9604.395	-214.795	9.498	17.560
S.D.	34.148	3.348	141.665	73.899	126.684	37.204	17.332	10.169
% R.S.D.	116.859	251.661	17.257	106.298	1.319	17.321	182.489	57.912

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	591.317	372.900	11.225	362.148	1932.122	85.496	-281.799	3915.314
S.D.	3.916	38.625	82.344	78.348	3.396	34.378	142.387	1449.165
% R.S.D.	0.662	10.358	733.555	21.634	0.176	40.210	50.528	37.013

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-410.034	565.804	4.839	430.377	93802.555	42.115	110.590	238559.664
S.D.	393.682	293.409	8.172	197.499	664.688	5.676	33.628	1893.141
% R.S.D.	96.012	51.857	168.892	45.890	0.709	13.478	30.408	0.794

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-52.298	863.780	42.231	257.744	4.634	-30.050	-67.887	5287520.666
S.D.	29.055	131.199	36.388	208.893	8.170	17.152	12.964	40964.431
% R.S.D.	55.557	15.189	86.163	81.047	176.301	57.079	19.096	0.775

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	51.461	-259.974	-27.950	-8.254	447.029
S.D.	7.357	605.393	18.070	2.664	818.250
% R.S.D.	14.297	232.867	64.649	32.279	183.042

Identity 1: S95T001552 Identity 2: .5318gin250-1-9 1:50 PM August 31, 1995
Task name : OPTIMA
Sample Weight : 0.5318 Solution Volume : 2500.00
On Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	-7.791	3.903	-210.672	-62.792	9605.512	-21.479	19.962	22.404
S.D.	3.736	0.406	56.453	8.869	9.177	12.888	0.567	0.338
% R.S.D.	47.953	10.415	26.797	14.124	0.096	60.002	2.839	1.507

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	131.563	283.418	-26.826	344.355	-3167.842	77.357	-14.894	2583.003
S.D.	1.516	5.401	8.679	8.207	29.536	5.276	22.424	106.779
% R.S.D.	1.153	1.906	32.352	2.383	0.932	6.820	150.560	4.134

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	15.843	-18.612	10.428	913.116	93266.497	14.617	-11.564	227936.220
S.D.	26.241	24.602	0.673	101.290	1626.361	0.429	14.733	1085.545
% R.S.D.	165.632	132.182	6.452	11.093	1.744	2.936	127.405	0.476

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	6.323	195.964	69.622	58.229	0.636	5.166	2.625	4957590.143
S.D.	4.152	59.017	3.607	12.755	0.766	2.827	4.165	17535.015
% R.S.D.	65.665	30.116	5.180	21.905	120.430	54.723	158.660	0.354

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	56.968	-49.068	-4.959	1.496	-61.456
S.D.	1.449	169.555	3.046	0.500	35.333
% R.S.D.	2.544	345.551	61.421	33.452	57.493

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001552_D Identity 2: .5298gin250-1-9 1:54 PM August 31, 1995
Task name : OPTIMA
Sample Weight : 0.5298 Solution Volume : 2500.00
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	2.491	5.075	-228.764	-31.841	11458.044	-12.936	29.065	25.413
S.D.	3.624	0.556	32.824	12.573	32.964	19.761	2.221	0.743
% R.S.D.	145.505	10.956	14.348	39.488	0.288	152.760	7.642	2.923

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	135.368	422.892	-5.377	646.145	-4221.198	90.049	-19.548	3766.733
S.D.	1.860	0.772	11.436	18.082	67.760	5.839	36.163	172.309
% R.S.D.	1.374	0.183	212.681	2.798	1.605	6.485	184.999	4.575

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	69.537	6.726	13.317	1195.765	92796.229	13.926	1.662	220891.375
S.D.	60.790	25.463	0.819	35.585	503.071	0.431	20.861	2034.592
% R.S.D.	87.422	378.594	6.149	2.976	0.542	3.093	1255.352	0.921

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	3.722	141.458	78.710	98.459	4.751	10.758	6.734	5537033.974
S.D.	2.652	39.888	3.400	11.982	3.110	3.450	3.773	38063.200
% R.S.D.	71.255	28.198	4.319	12.169	65.456	32.072	56.019	0.687

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	66.138	-27.492	6.201	-0.985	127.088
S.D.	2.162	147.242	3.756	0.529	113.350
% R.S.D.	3.269	535.577	60.577	53.696	89.190

Identity 1: S95T001552_A Identity 2: .5318gin250-1-2-7 1:57 PM August 31, 1995
Task name : OPTIMA
Sample Weight : 0.5318 Solution Volume : 2500.00
On[illegible] Integrations : 3 Off-Peak Integrations : 1

	Zr (ppm)	Sr (ppm)	Bi (ppm)	Si (ppm)	Al (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)
Mean	4809.166	4788.423	4594.754	4762.584	14484.532	4759.868	4876.628	4448.811
S.D.	6.808	20.359	25.667	28.721	6.527	12.888	32.906	63.755
% R.S.D.	0.142	0.425	0.559	0.603	0.045	0.271	0.675	1.433

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4979.378	5031.329	4861.364	5205.374	1313.727	4899.989	4957.750	12301.344
S.D.	6.670	9.809	8.575	25.021	64.790	12.745	58.904	226.538
% R.S.D.	0.134	0.195	0.176	0.481	4.932	0.260	1.188	1.842

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	4637.647	4872.618	4767.601	6314.591	102558.792	4619.722	4825.788	232847.280
S.D.	61.058	40.098	23.772	52.202	405.915	10.303	27.441	3178.269
% R.S.D.	1.317	0.823	0.499	0.827	0.396	0.223	0.569	1.365

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4796.660	4868.535	3365.337	4848.751	4717.688	4762.205	4726.164	4952993.417
S.D.	25.542	54.812	29.632	98.858	5.945	10.078	23.463	51349.004
% R.S.D.	0.532	1.126	0.881	2.039	0.126	0.212	0.496	1.037

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4870.099	4501.454	4888.605	4701.182	4405.636
S.D.	11.782	117.965	6.146	9.436	128.959
% R.S.D.	0.242	2.621	0.126	0.201	2.927

WHC-SD-WM-DP-139, REV. 1

Identity 1: CCV Identity 2: Quality Control 2:07 PM August 31, 1995
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	4.936	4.985	4.937	4.852	4.958	4.959	5.072	5.168
S.D.	0.010	0.014	0.016	0.004	0.004	0.017	0.015	0.027
% R.S.D.	0.198	0.284	0.323	0.076	0.081	0.338	0.303	0.516

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	5.030	4.904	5.015	5.004	4.924	4.942	5.306	9.575
S.D.	0.006	0.002	0.006	0.005	0.011	0.006	0.042	0.010
% R.S.D.	0.117	0.044	0.127	0.091	0.228	0.120	0.783	0.102

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.089	5.108	5.000	5.420	5.146	4.837	5.038	5.169
S.D.	0.006	0.011	0.016	0.083	0.035	0.004	0.019	0.028
% R.S.D.	0.116	0.209	0.312	1.532	0.675	0.079	0.369	0.543

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	5.007	5.026	4.854	4.954	4.874	4.937	5.110	5.273
S.D.	0.004	0.040	0.005	0.013	0.008	0.005	0.008	0.037
% R.S.D.	0.090	0.796	0.104	0.266	0.165	0.111	0.152	0.710

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.930	4.757	5.021	5.125	4.744
S.D.	0.001	0.019	0.006	0.009	0.016
% R.S.D.	0.030	0.396	0.113	0.184	0.333

Identity 1: CCB Identity 2: Quality Control 2:10 PM August 31, 1995
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	-0.007	0.003	0.008	-0.007	0.000	-0.000
S.D.	0.000	0.000	0.002	0.001	0.001	0.003	0.000	0.000
% R.S.D.	65.339	28.868	27.318	24.351	10.273	37.500	100.068	229.237

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.008	0.003	-0.000	-0.001	0.040	0.003	-0.006	-0.009
S.D.	0.000	0.002	0.001	0.002	0.000	0.001	0.007	0.017
% R.S.D.	1.089	57.811	295.143	171.470	0.478	26.473	111.520	188.357

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.010	-0.009	0.000	-0.007	0.008	0.000	0.001	0.025
S.D.	0.006	0.005	0.000	0.008	0.002	0.000	0.002	0.002
% R.S.D.	60.180	52.580	55.857	116.660	25.762	2160072023.100	150.882	7.896

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.021	-0.000	0.003	0.000	-0.001	0.002	0.101
S.D.	0.000	0.007	0.000	0.008	0.000	0.001	0.001	0.020
% R.S.D.	35.244	34.417	103.612	226.899	60.077	53.989	39.756	19.870

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	-0.000	-0.046	0.001	-0.000	-0.002
S.D.	0.000	0.004	0.000	0.000	0.012
% R.S.D.	826.345	9.464	41.289	3.494	750.023

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001556_L Identity 2: .4765gin250-1-9-1-4 2:14 PM August 31, 1995
Task name : OPTIMA
Sample Weight : 0.4765 Solution Volume : 12500.00
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	7.549	41.579	-429.396	1097.143	17301.701	-215.750	2524.004	29.275
S.D.	17.580	1.715	94.219	28.145	53.091	41.521	5.639	4.335
% R.S.D.	232.864	4.124	21.942	2.565	0.307	19.245	0.223	14.809

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	746.707	454.111	-47.059	2824.738	2720.690	201.287	97.541	11435.206
S.D.	5.536	48.710	36.651	40.457	12.234	23.280	271.015	553.392
% R.S.D.	0.741	10.727	77.883	1.432	0.450	11.565	277.848	4.839

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-245.674	245.110	15.930	8820.727	61767.867	89.859	-140.999	213438.534
S.D.	180.982	104.523	2.915	60.662	459.964	2.394	78.981	731.017
% R.S.D.	73.667	42.643	18.296	0.688	0.745	2.665	56.015	0.342

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	-4.856	1243.646	265.114	217.259	12.229	-9.002	36.009	5743224.678
S.D.	22.290	346.096	18.988	224.640	6.273	19.168	4.596	22398.056
% R.S.D.	458.995	27.829	7.162	103.398	51.293	212.918	12.764	0.390

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	300.946	-148.279	13.713	1.456	-517.632
S.D.	4.114	760.425	5.038	2.858	247.248
% R.S.D.	1.367	512.834	36.741	196.245	47.765

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001556 Identity 2: .4765gin250-1-9 2:17 PM August 31, 1995
Task name : OPTIMA
Sample Weight : 0.4765 Solution Volume : 2500.00
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	6.197	43.955	-229.100	1136.035	17638.639	-23.972	2589.650	32.889
S.D.	6.502	0.454	66.545	26.851	35.316	14.383	9.168	0.866
% R.S.D.	104.927	1.032	29.046	2.364	0.200	60.002	0.354	2.633

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	210.826	460.817	12.454	2878.256	-2963.407	149.753	32.525	11477.986
S.D.	0.639	9.029	16.034	12.280	54.901	9.422	5.616	235.667
% R.S.D.	0.303	1.959	128.747	0.427	1.853	6.292	17.266	2.053

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-27.278	127.955	20.773	8677.574	62284.288	76.868	-22.527	205686.323
S.D.	63.579	43.341	0.915	244.613	654.639	0.958	16.978	1881.556
% R.S.D.	233.075	33.872	4.404	2.819	1.051	1.246	75.369	0.915

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	3.897	27.183	294.593	305.318	12.423	10.217	15.571	5360662.726
S.D.	4.458	75.325	4.786	60.940	3.102	1.915	4.860	36390.227
% R.S.D.	114.383	277.106	1.625	19.959	24.974	18.745	31.212	0.679

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	309.927	-179.059	-0.500	-0.166	-173.817
S.D.	2.132	73.279	4.048	0.588	77.110
% R.S.D.	0.688	40.925	809.581	353.941	44.363

WHC-SD-WM-DP-139, REV. 1

Identity 1: S95T001556_D Identity 2: .4774gin250-1-9 2:21 PM August 31, 1995
Task name : OPTIMA
Sample Weight : 0.4774 Solution Volume : 2500.00
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	16.417	44.860	-244.457	1127.667	18042.563	-38.283	243.544	33.830
S.D.	13.876	0.784	24.220	25.707	89.944	0.000	2.498	1.175
% R.S.D.	84.522	1.748	9.908	2.280	0.499	0.000	1.026	3.472

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	182.536	746.661	-4.750	3010.442	-3288.500	156.043	56.588	10651.925
S.D.	2.056	4.795	9.788	44.312	57.003	12.951	55.985	343.645
% R.S.D.	1.126	0.642	206.052	1.472	1.733	8.300	98.934	3.226

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-16.583	179.132	21.588	8435.942	60566.555	79.759	-61.273	209245.540
S.D.	118.675	99.144	2.003	363.832	703.019	0.478	21.564	1676.804
% R.S.D.	715.661	55.347	9.276	4.313	1.161	0.599	35.194	0.801

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	6.803	126.451	114.998	169.292	9.084	2.655	9.668	5451672.711
S.D.	5.116	17.679	6.767	16.694	3.362	5.911	2.083	38638.810
% R.S.D.	75.194	13.981	5.885	9.861	37.015	222.604	21.547	0.709

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	303.938	-108.255	5.783	-0.593	-333.431
S.D.	2.981	27.531	9.285	0.592	243.687
% R.S.D.	0.981	25.432	160.538	99.767	73.085

Identity 1: CCB_1 Identity 2: CCB_1 2:44 PM August 31, 1995
Task name : OPTIMA
Sample Weight : 1.0000 Solution Volume : 1.00
On[illegible] 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	-0.004	-0.001	0.004	-0.009	0.000	0.000
S.D.	0.001	0.000	0.007	0.003	0.002	0.002	0.001	0.000
% R.S.D.	101.063	91.652	179.493	190.276	56.815	17.321	167.131	123.931

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.008	0.001	-0.002	-0.001	0.039	0.002	-0.004	-0.035
S.D.	0.000	0.002	0.001	0.003	0.000	0.000	0.006	0.040
% R.S.D.	4.178	280.925	28.384	251.694	0.467	14.567	139.227	115.181

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	0.014	-0.006	0.000	0.002	0.005	0.000	-0.005	0.035
S.D.	0.010	0.006	0.000	0.003	0.005	0.000	0.001	0.003
% R.S.D.	73.107	101.379	69.348	138.226	89.852	24.744	21.419	8.813

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.001	0.004	0.000	-0.007	-0.000	-0.002	0.001	0.174
S.D.	0.001	0.011	0.001	0.010	0.000	0.001	0.002	0.018
% R.S.D.	98.963	282.226	481.121	140.822	40.489	41.944	145.646	10.540

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.000	0.007	-0.000	0.000	0.006
S.D.	0.000	0.016	0.001	0.000	0.019
% R.S.D.	0.086	219.959	1775.037	61.894	336.606

WHC-SD-WM-DP-139, REV. 1

Identity 1: ICSA Identity 2: Quality Control 2:31 PM August 31, 1995
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	0.008	0.001	-0.023	0.019	201.850	-0.006	0.002	-0.000
S.D.	0.001	0.000	0.006	0.001	0.531	0.003	0.001	0.000
% R.S.D.	13.315	5.499	24.000	4.781	0.263	42.326	38.958	91.927

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	0.003	0.006	0.003	97.995	100.475	0.003	0.007	-0.001
S.D.	0.000	0.001	0.001	0.173	0.030	0.001	0.009	0.043
% R.S.D.	16.340	20.905	28.248	0.177	0.030	24.418	120.098	7800.559

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	-0.015	0.026	0.004	0.032	0.034	101.701	-0.027	192.019
S.D.	0.010	0.008	0.000	0.008	0.013	0.133	0.002	1.578
% R.S.D.	67.972	30.587	4.337	25.331	38.072	0.131	6.013	0.822

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	0.000	-0.001	-0.002	0.005	0.000	-0.002	0.013	0.330
S.D.	0.001	0.022	0.001	0.006	0.001	0.001	0.001	0.001
% R.S.D.	3198.785	2100.890	46.264	120.687	442.620	59.148	8.543	0.386

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	0.006	0.005	-0.001	0.002	-0.019
S.D.	0.001	0.011	0.001	0.000	0.015
% R.S.D.	15.843	224.000	49.932	4.600	83.285

WHC-SD-WM-DP-139, REV.1

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Identity 1: CCV_1 Identity 2: CCV_1 2:40 PM August 31, 1995
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	4.996	4.945	4.831	4.982	4.938	5.087	5.166
S.D.	0.009	0.019	0.012	0.003	0.018	0.010	0.030	0.058
% R.S.D.	0.184	0.380	0.237	0.058	0.363	0.200	0.590	1.124

	Zn (ppm)	Ni (ppm)	La (ppm)	Fe (ppm)	Ca (ppm)	Cr (ppm)	Nd (ppm)	U (ppm)
Mean	4.992	4.881	5.020	4.992	4.928	4.913	5.365	9.580
S.D.	0.006	0.004	0.014	0.022	0.016	0.019	0.033	0.022
% R.S.D.	0.115	0.076	0.277	0.445	0.317	0.384	0.611	0.233

	Ce (ppm)	Sm (ppm)	Ba (ppm)	P (ppm)	S (ppm)	Mg (ppm)	As (ppm)	Na (ppm)
Mean	5.087	5.166	5.018	5.174	5.014	4.809	5.004	5.167
S.D.	0.012	0.017	0.024	0.143	0.066	0.013	0.026	0.053
% R.S.D.	0.229	0.327	0.476	2.758	1.325	0.277	0.510	1.021

	Mo (ppm)	Se (ppm)	Ag (ppm)	Pb (ppm)	Ti (ppm)	Cd (ppm)	B (ppm)	K (ppm)
Mean	4.977	5.001	4.827	4.956	4.868	4.925	5.112	5.280
S.D.	0.011	0.021	0.006	0.010	0.011	0.018	0.010	0.027
% R.S.D.	0.217	0.417	0.125	0.205	0.220	0.369	0.195	0.506

	Mn (ppm)	Sb (ppm)	V (ppm)	Be (ppm)	Tl (ppm)
Mean	4.911	4.634	5.003	5.124	4.707
S.D.	0.016	0.058	0.013	0.012	0.029
% R.S.D.	0.333	1.246	0.256	0.239	0.611