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"FINAL RESULTS FOR TANK 241-S-101, PUSH MODE CORES 137, 138 AND 142."

Larry L. Fritts

Westinghouse Hanford Company, Richland, WA 99352
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ANALYTICAL SERVICES

**FINAL RESULTS FOR TANK 241-S-101, PUSH MODE
CORES 137, 138, AND 142**

Project Coordinator: LARRY L. FRITTS

**Prepared for the U.S. Department of Energy
Office of Environmental Restoration
and Waste Management**

by

**Westinghouse Hanford Company
Box 1970
Richland, Washington**

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222-S ANALYTICAL SERVICES

**FINAL RESULTS FOR TANK 241-S-101,
CORES 137, 138 AND 142**

This document is the final analytical report for push mode cores 137, 138, and 142 taken respectively from tank 241-S-101 risers 4, 6, and 11 between March 12, 1996, and April 3, 1996. Segments were received and extruded at the 222-S Laboratory. Analyses for cores 138 and 142 were performed in accordance with *Tank 241-S-102 Push Mode Core Sampling and Analysis Plan* (TSAP) (Sasaki, 1996) and the following Data Quality Objectives (DQO): *Tank Safety Screening Data Quality Objective* (SSDQO) (Dukelow, et al., 1995) and *Historical Model Evaluation Data Requirements* (HistoricalDQO) (Simpson, et al., 1995).

As directed by the tank coordinator the samples recovered from core 137 were not used for analyses at the 222-S Laboratory. The material was composited and a subsample was sent to the Pretreatment Program to fulfill the TSAP requirements for this program.

Safety Screening Summary for Tank 241-S-101

The primary safety screening analysis was performed for tank 241-S-101. One of the subsamples exceeded the notification limit of 480 J/g for energetics as measured by Differential Scanning Calorimetry (DSC) (on a dry weight basis). The appropriate notification was made for this occurrence. This subsample was composed of the liner liquid from core 138, segment 9. The other subsamples from core 138, segment 9 showed no exotherms. The exotherm in the liner liquid was determined probable contamination. Total organic carbon (TOC) was the only secondary analysis requested for this sample; cyanide analysis was not performed. None of the subsamples submitted for Total Alpha Activity (AT) analysis exceeded the notification limit.

Appearance and Sample Handling

Attachment 1 is a cross reference to relate the tank farm identification numbers to the 222-S Laboratory LabCore sample numbers. The subsamples generated in the laboratory for analysis are identified in these diagrams with their sources shown. The diagrams identify the make-up of the core composites and the associated LabCore sample numbers.

Core composites were prepared for each of the three cores. The composites from cores 138 and 142 underwent analysis as directed by the TSAP. The TSAP directed the acquisition of core composite material for the Pretreatment Program. The composite from core 137 was used for this purpose.

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A field blank was provided to the 222-S Laboratory with Core 138. It underwent the same analysis as the drainable liquid as directed by the TSAP. No sample of the hydrostatic head fluid (HHF) lithium bromide solution was provided to the laboratory.

The TSAP provides no direction in the treatment of the liner liquid. It was treated as a drainable liquid.

Core 137

Nine push mode core segments were removed from tank 241-S-101 riser 4 between March 12, 1996, and March 13, 1996. These segments were received by the 222-S Laboratory between March 13, 1996, and March 14, 1996. As directed by the tank coordinator, these samples were used only to provide material for the Pretreatment Program; any excess material was set aside for disposal. Table 1 summarizes the extrusion information.

Core 138

Fifteen push mode core segments were removed from tank 241-S-101 riser 6 between March 18, 1996, and March 26, 1996. These segments were received by the 222-S Laboratory between March 27, 1996, and April 18, 1996. Table 2 summarizes the extrusion information.

Core 142

Eight push mode core segments were removed from tank 241-S-101 riser 11 on April 3, 1996. These segments were received by the 222-S Laboratory between April 4, 1996, and April 23, 1996. Table 3 summarizes the extrusion information.

Field Blank

A field blank was provided to the 222-S laboratory with core 138. It underwent the same analysis as the drainable liquid as instructed by the TSAP.

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Table 1. Sample Receipt and Extrusion Information for S-101, Core 137.

Customer Id	Segment	Date Sampled	Date Received	Date Extruded	Inches Extruded	Liquid Recovered (g)	Solids Recovered (g)	Sample Description
96-117	1	3/12/96	3/13/96	3/18/96	0.0	0.0	0.0	No solids or drainable liquids were present.
96-118	2	3/12/96	3/13/96	3/18/96	0.0	0.0	0.0	No solids or drainable liquids were present.
96-119	3	3/12/96	3/13/96	3/26/96	0.0	0.0	0.0	No solids or drainable liquid were present.
96-120	4	3/12/96	3/13/96	3/26/96	0.0	0.	0.0	No solids or drainable liquids were present.
96-121	5	3/13/96	3/14/96	3/26/96	1.5	0.0	53.8--upper half	Solids were black in color and resembled a sludge.
96-122	6	3/13/96	3/14/96	3/26/96	0.0	0.0	0.0	No solids or drainable liquid were present.
96-123	7	3/13/96	3/14/96	3/26/96	19.0	0.0	243.8--upper half 259.8--lower half	Solids were black in color and resembled a sludge.
96-124	8	3/13/96	3/14/96	3/26/96	7.5	0.0	174.0--upper half	Solids were black in color and resembled a pasty sludge.
96-125	9	3/13/96	3/14/96	3/26/96	17.0	0.0	453.7--upper half 413.9--lower half	Solids were gray in color and resembled a moist sludge. The bottom two inches contained white pieces mixed with the gray sludge.

* Approximate inches Extruded

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Table 2. Sample Receipt and Extrusion Information for S-101, Core 138.

Custodian ID	Segment	Date Sampled	Date Received	Date Extruded	Inches Extruded*	Liquid Recovered (g)	Solids Recovered (g)	Sample Description
BLANK H ₂ O	Blank	3/26/96	4/18/96	4/23/96	0.0	115.6--drainable	0.0	Drainable liquid was clear and colorless.
96-126	1	3/18/96	3/28/96	4/1/96	0.0	0.0	0.0	No solids or drainable liquids were present.
96-126R	1R	3/22/96	3/27/96	4/1/96	0.0	330.8--drainable	0.0	Drainable liquid was green in color and opaque.
96-127	2	3/18/96	3/28/96	4/1/96	0.0	0.0	0.0	No solids or drainable liquids were present.
96-127R	2R	3/22/96	3/27/96	4/1/96	0.0	0.0	0.0	No solids or drainable liquids were present.
96-127-R-1	2-R-1	3/25/96	4/2/96	4/8/96	Not Measurable	354.0--drainable	33.2--lower half	Drainable liquid was green in color and opaque. Solids were dark gray in color and resembled a sludge-slurry.
96-128	3	3/19/96	3/28/96	4/6/96	0.0	0.0	0.0	No solids or drainable liquid were present.
96-128-R	3R	3/25/96	4/9/96	4/16/96	0.0	97.9--drainable	0.0	Drainable liquid was dark gray in color and opaque.
96-128-AR	3AR	3/25/96	4/9/96	4/16/96	0.25	0.0	8.2--whole segment	Solids were dark gray in color and resembled a sludge.
96-129	4	3/21/96	3/27/96	4/1/96	0.0	0.	0.0	No solids or drainable liquids were present.
96-129R	4R	3/23/96	4/9/96	4/16/96	0.0	0.0	0.0	No solids or drainable liquids were present.
96-130	5	3/25/96	4/2/96	4/9/96	18.0	0.0	212.4--upper half 222.0--lower half	Solids were dark brown in color and resembled a sludge.
96-131	6	3/25/96	4/4/96	4/15/96	17.0	0.0	220.3--upper half 209.9--lower half	Solids were dark gray in color and resembled a very damp sludge.
96-132	7	3/25/96	4/4/96	4/23/96	18.0	0.0	81.9--upper half 116.7--lower half	Solids were dark brown to black in color and resembled a sludge.
96-133	8	3/26/96	4/4/96	4/16/96	16.0	0.0	184.9--upper half 180.3--lower half	Solids were dark gray in color and resembled a damp sludge.
96-134	9	3/26/96	4/18/96	4/23/96	12.0	61.0--liner	185.6--upper half 132.8--lower half	Solids were dark gray to dark brown in color and resembled a sludge.

* Approximate Inches Extruded

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Table 3. Sample Receipt and Extrusion Information for S-101, Core 142.

Customer ID	Segment	Date Sampled	Date Received	Date Extruded	Inches Extruded*	Liquid Recovered (g)	Solids Recovered (g)	Sample Description
96-174	1	4/3/96	4/12/96	4/16/96	13.0	0.0	352.8--upper half	Solids were dark gray in color and resembled a wet sludge.
96-175	2	4/3/96	4/23/96	4/29/96	19.0	0.0	194.0--upper half 195.7--lower half	Solids were gray-black in color and resembled a wet sludge.
96-176	3	4/3/96	4/23/96	4/29/96	19.0	0.0	192.5--upper half 193.8--lower half	Solids were grayish-black in color and resembled a wet sludge.
96-177	4	4/3/96	4/4/96	4/17/96	17.0	0.0	205.1--upper half 234.7--lower half	Solids were dark grayish-black in color and resembled a damp sludge.
96-178	5	4/3/96	4/4/96	4/17/96	19.0	0.0	249.4--upper half 231.9--lower half	Solids were dark grayish-black in color and resembled a damp sludge.
96-179	6	4/3/96	4/9/96	4/17/96	19.0	0.0	274.7--upper half 227.0--lower half	Solids were black in color and resembled a damp sludge.
96-180	7	4/3/96	4/12/96	4/17/96	19.0	0.0	250.2--upper half 271.4--lower half	Solids were black in color and resembled a damp sludge.
96-181	8	4/3/96	4/12/96	4/17/96	13.0	0.0	223.1--upper half 133.8--lower half	Solids were dark gray in color and resembled a damp sludge.

* Approximate inches Extruded

Analytical Results Summary

The data summary table (Table 4) compiles the analytical results that satisfy all applicable DQOs.

Inorganic Analyses

Differential Scanning Calorimetry (DSC)

One of the subsamples submitted for DSC exceeded the action limit as stated in the Safety Screening DQO. This subsample was composed of the liner liquid recovered from core 138, segment 9. The other subsamples from this segment showed no exotherms. The exotherm in the liner liquid occurred at a much higher temperature than exotherms typically seen in tank waste determinations, and was determined probable contamination. As directed by the tank coordinator, total organic carbon (TOC) was the only secondary analysis requested for this sample.

The DSC analyses were performed in duplicate on direct subsamples. The exothermic energy based on dry weight of subsample was calculated for all subsamples. The average of the thermogravimetric analysis (TGA) results for each subsample was used in the dry weight correction for that subsample.

If more than one exotherm was present in a subsample, the result was the sum of the exotherms. More information may be obtained by examining the raw data. The field blank result was 0.00 Joules/g.

A relative percent difference (RPD) greater than 20% was reported for S96T002069. The exotherm reported for this sample was near zero. No rerun was requested.

Thermogravimetric Analysis (TGA)

The TGA analyses were performed in duplicate on direct subsamples. Typically, results were determined by summing weight loss steps below 200°C. Weight loss steps above this temperature typically were not used to determine the result. More information may be obtained by examining the raw data.

The field blank resulted in a mean of 99.47% moisture.

RPDs greater than 20% were reported for four subsamples. A second analysis of three of these samples was performed (denoted by a 1 in the replicate (R) column of Table 4), and resulted in acceptable RPDs. Two samples had triplicate analyses run. The results of the triplicate analyses

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are presented in Table 5. The results of the replicate analysis can be found in Table 4.

Table 5. Triplicate Results for Thermographic Analyses

Sample ID	Sample Result (% Moisture)	Duplicate Result (% Moisture)	Triplicate Result (% Moisture)	Mean (% Moisture)
S96T002176	28.35	33.54	32.84	31.58
S96T002728	45.59	37.13	41.01	41.24

Sp.G.-Specific Gravity/Bulk Density

The bulk density and specific gravity analyses were performed on the direct subsamples. The results are provided in Table 4. There are no exceptions to the quality control (QC) parameters stated in the TSAP for these samples.

The very little sample recovery for S96T002000 prevented determination of a bulk density. Bulk density determinations could not be made on S96T002065, S96T002067, and S96T002175, because the sample matrix was too difficult to work with due to the consistency of the samples.

IC- Ion Chromatography

IC analysis was performed on the direct liquid subsamples. The solid subsamples were prepared by performing a water digest. This is indicated with a "W" in the aliquot class (A#) column in Table 4.

Only the QC for required analytes (nitrate and bromide) were considered in this report. Other "opportunistic" analytes are included but were not reviewed for adherence to QC parameters. RPDs which exceed the required 20% are the result of sample inhomogeneity and reruns would not significantly improve the results.

Spike recoveries outside the 75% - 125% range as set by the *Quality Assurance Plan for the 222-S Laboratories (LabQAP)* (Meznarich, 1995) were the result of high analyte levels in comparison to the levels in the spike. Only dilution of the original sample would improve these spike recoveries; reruns were not requested.

Some preparation blanks showed results above the detection level. The levels of these analytes

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in the preparation blank are inconsequential when compared to the result for the sample. This contamination does not impact sample data quality.

Field blank analysis showed analyte results above the detection level. These analyte levels are much lower than the sample results obtained and do not impact data quality.

ICP - Inductively Coupled Plasma Spectroscopy

The liquid subsamples were prepared for analysis by an acid adjustment of the direct subsample. This is indicated by a "D" in the aliquot class (A#) column in Table 4. Solid subsamples were prepared for analysis by performing an acid digest indicated by an "A" and a fusion digestion indicated by an "F". As required by the TSAP, the core composite subsamples were also prepared by acidifying an aliquot of a water digest and are indicated with an "I".

Only the QC for required analytes (Al, Cr, Fe, Li, Mn, Na, Ni, Si, and U) for ICP analysis were considered in this report. Other "opportunistic" analytes are included but were not reviewed for adherence to QC parameters. RPDs which exceed the required 20% are the result of sample inhomogeneity and reruns would not significantly improve the results.

Serial dilutions were performed by diluting a sample aliquot by five. The results from the serial dilution may be found in the raw data and are signified by an "_L" at the end of the sample number. Table 6 shows a comparison of the result of the sample with that of the serial dilution for those required analytes that had a spike recovery outside the 75% - 125% range as set by the *Quality Assurance Plan for the 222-S Laboratories* (LabQAP).

Nickel results from the fusion digests are included in the summary table. Data quality for these nickel results may have been compromised during the fusion process by use of a nickel crucible. Contamination of the sample by nickel from the crucible may have occurred through interactions of the tank sample, potassium hydroxide, and the crucible. This potential contamination process does not exist in the acid digest nickel results. "Opportunistic" potassium results from the fusion digests are not included in the summary table since potassium hydroxide is used in the fusion process.

Preparation blanks showed results for various analytes above the detection level. The levels of these analytes in the preparation blank are inconsequential when compared to the result for the sample. This contamination does not impact sample data quality.

Field blank analysis showed some analytes above the detection level. These analyte levels are lower than the sample results obtained and do not impact data quality.

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Table 6. ICP Serial Dilution Results for Tank 241-S-101

Sample ID	Analyte	Sample Result Undiluted (µg/mL)	Serial Dilution Result (µg/mL)	% Difference
S96T001886	Al	2.50E+04	2.56E+04	2.4
S96T001886	Na	2.14E+05	2.22E+05	3.7
S96T001904	Cr	2.47E+01	2.56E+01	3.4
S96T001904	K	6.78E+00	6.31E+00	6.9
S96T001904	Mn	3.86E+00	4.00E+00	3.5
S96T001904	Na	7.63E+02	7.94E+02	4.0
S96T001904	U	1.13E+01	1.11E+01	2.0
S96T001905	Al	9.03E+01	9.39E+01	4.0
S96T001905	Cr	3.25E+01	3.38E+01	4.1
S96T001905	Mn	4.49E+00	4.69E+00	4.4
S96T001905	Na	7.78E+02	8.09E+02	3.9
S96T001909	Na	2.16E+05	2.22E+05	2.4
S96T002043	Al	2.33E+04	2.39E+04	2.8
S96T002043	Na	2.14E+05	2.22E+05	4.0
S96T002043	Si	2.26E+02	2.05E+02	9.3
S96T002049	Al	1.10E+02	1.15E+02	4.7
S96T002049	Na	6.46E+02	6.73E+02	4.1
S96T002052	Al	1.32E+02	1.37E+02	3.9
S96T002052	Na	5.73E+02	5.92E+02	3.4
S96T002097	Al	9.41E+01	9.98E+01	6.0
S96T002097	Na	8.81E+02	9.31E+02	5.7
S96T002098	Al	1.30E+02	1.39E+02	7.4
S96T002098	Fe	4.45E+00	4.81E+00	8.3
S96T002098	Mn	9.99E+00	1.06E+01	6.5
S96T002098	Na	5.71E+02	6.10E+02	6.7
S96T002098	U	2.92E+01	3.01E+01	3.1
S96T002110	Al	1.07E+02	1.15E+02	7.2
S96T002110	Cr	3.59E+01	3.86E+01	7.5
S96T002110	Na	7.12E+02	7.62E+02	7.0
S96T002115	Al	1.53E+02	1.65E+02	7.4
S96T002115	Fe	6.33E+00	6.89E+00	8.9
S96T002115	Na	6.07E+02	6.45E+02	6.2
S96T002183	Al	1.95E+04	1.95E+04	0.3
S96T002183	Cr	4.65E+03	4.71E+03	1.2
S96T002183	Na	2.10E+05	2.14E+05	1.7
S96T002195	Al	9.60E+01	1.01E+02	4.6
S96T002195	Na	5.25E+02	5.48E+02	4.4
S96T002200	Al	9.10E+01	9.58E+01	5.2
S96T002200	Cr	1.14E+01	1.21E+01	5.9
S96T002320	Al	9.08E+01	9.74E+01	7.3
S96T002320	Cr	4.73E+01	5.09E+01	7.6
S96T002320	Na	7.77E+02	8.31E+02	7.0
S96T002723	Na	3.18E+02	3.23E+02	1.4
S96T002724	Al	1.09E+02	1.07E+02	1.3
S96T002724	Na	5.45E+02	5.65E+02	3.8
S96T002731	Na	4.20E+02	4.33E+02	3.2
S96T002733	Al	1.38E+02	1.31E+02	5.6
S96T002733	Cr	2.09E+01	1.94E+01	7.1
S96T002733	Mn	6.41E+00	6.11E+00	4.7
S96T002733	Na	6.68E+02	6.60E+02	1.2
S96T002733	U	2.07E+01	2.11E+01	1.8
S96T002736	Al	6.20E+01	6.05E+01	2.4
S96T002736	Na	6.74E+02	7.01E+02	4.0

% Difference = (ABS(Sample - Serial Dilution))/Sample X 100

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TOC - Total Organic Carbon

Blank results for the core composites show possible contamination. These levels are inconsequential when compared to sample results. Data quality is not compromised by these results.

The precision and accuracy criteria as stated in the TSAP was met for these analyses.

TIC - Total Inorganic Carbon

TIC results are reported as opportunistic analytes. The results are not reviewed for QC adherence.

Radiochemical Analyses

AT/TB-Total Alpha/Total Beta

All liquid AT results were below the total alpha activity action limit of 61.5 $\mu\text{Ci/mL}$. All solid AT results were below the total alpha activity limit of 34.55 $\mu\text{Ci/g}$ (based on the highest determined bulk density of 1.80 g/mL). The field blank result was less than 1.09e-6 $\mu\text{Ci/mL}$.

The AT analyses were performed in duplicate on direct subsamples for the liquids. Solid subsamples were prepared for analysis by performing a fusion digest in duplicate. The fusion digest is indicated with an "F" in the aliquot class (A#) column in Table 4.

RPDs greater than 20% are attributable to low alpha activity and signify no compromise in data quality.

The TB analyses were performed in duplicate on the fusion digests of the core composites. The precision and accuracy criteria as stated in the TSAP was met for these analyses.

GEA-Gamma Energy Analysis

GEA was performed on samples prepared by a fusion digest. This is indicated with an "F" in the aliquot class (A#) column in Table 4.

Only the QC for required analytes were considered in this report. Other "opportunistic" analytes are included but were not reviewed for QC. RPDs greater than 20% were the result of sample inhomogeneities.

Detection limits for GEA analytes are not currently available. The latest GEA software does not

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currently report a minimum detectable activity (MDA). If the analyte resulted in a "less than", that value was listed as the detection limit.

Sr-90-Strontium-90

Strontium-90 analysis was performed on samples prepared by a fusion digest. This is indicated with an "F" in the aliquot class (A#) column in Table 4. Some preparation blanks showed results for strontium-90 slightly above the detection level. The levels in the preparation blanks are inconsequential when compared to the results for the samples. This does not result in an impact on sample data quality.

The precision and accuracy criteria as stated in the TSAP was met for these analyses.

U-Total Uranium

Total uranium analysis was performed on samples prepared by a fusion digest. This is indicated with an "F" in the aliquot class (A#) column in Table 4.

The precision and accuracy criteria as stated in the TSAP was met for these analyses.

Procedures

Table 4 lists the analytical procedures used for performing the sample analyses. Abbreviations for analyses are defined in the table notes.

Table 4: Analytical Procedures

Analysis	Sample Portion	Preparation Procedure +	Analysis Procedure
DSC	Solid/Liquid	N/A	LA-514-114 Rev. C-1 LA-514-113 Rev. C-1
TGA	Solid/Liquid	N/A	LA-514-114 Rev. C-1 LA-560-112 Rev. B-1
Bulk Density	Solid	N/A	LO-160-103 Rev. B-0
Sp.G.	Liquid	N/A	LA-510-112 Rev. C-3
IC	Solid Liquid	LA-504-101 Rev. E-0 N/A	LA-533-105 Rev. D-1
ICP	Solid Liquid	LA-505-159 Rev. D-0 LA-504-101 Rev. E-0 LA-549-141 Rev. F-0 N/A	LA-505-151 Rev. D-3 LA-505-161 Rev. B-1
TOC	Solid/Liquid	N/A	LA-342-100 Rev. D-0
TIC	Solid/Liquid	N/A	LA-342-100 Rev. D-0
AT/TB	Solid Liquid	LA-549-141 Rev. F-0 N/A	LA-508-101 Rev. D-2

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GEA	Solid	LA-549-141 Rev. F-0	LA-548-121 Rev. D-1
⁹⁰ Sr	Solid	LA-549-141 Rev. F-0	LA-220-101 Rev. D-1
U	Solid	LA-549-101 Rev. F-0	LA-925-009 Rev. A-1

Abbreviations:

N/A = not applicable (these are direct samples)
 DSC = differential scanning calorimetry
 TGA = thermogravimetric analysis
 Sp.G. = specific gravity
 IC = ion chromatography
 ICP = inductively coupled plasma
 TOC = total organic carbon
 TIC = total inorganic carbon
 AT/TB = total alpha/total beta
 GEA = gamma energy analysis
⁹⁰Sr = strontium-90
 U = uranium

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References

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- Meznarich, H. K., 1995, *Quality Assurance Plan for the 222-S Laboratories*, WHC-SD-CP-QAPP-016, Rev. 0, Westinghouse Hanford Company, Richland, WA 99352.
- Sasaki, L. M., 1996, *Tank 241-S-101 Push Mode Core Sampling and Analysis Plan*, WHC-SD-WM-TSAP-078, Rev. 0-A, Westinghouse Hanford Company, Richland, WA 99352.
- Simpson, B. C., and D. J. McCain, 1995, *Historical Model Evaluation Data Requirements*, WHC-SD-WM-DQO-018, Rev. 0, Westinghouse Hanford Company, Richland, WA 99352.
- Turner, D. A., H. Babad, L. L. Buckley, and J. E. Meacham, 1995, *Data Quality Objective to Support Resolution of the Organic Complexant Safety Issue*, WHC-SD-WM-DQO-006, Rev. 2, Westinghouse Hanford Company, Richland, WA 99352.

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ATTACHMENT 1

S-101 SAMPLE BREAKDOWN

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S-101
Core:138
Seg: (BLANK H20)
S96T002127

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S-101
Core:138
Seg: 1 (96-126)
S96T001649

No Sample

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S-101
Core: 138
Seg: 1R (96-126R)
S96T001652

S-101
Core:138
Seg: 2 (96-127)
S96T001650

No Sample

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S-101

Core:138

Seg: 2R (96-127R)

S96T001653

No Sample

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S-101
Core:138
Seg: 2R1
S96T001701

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S-101
Core: 138
Seg: 3 (96-128)
S96T001651

No Sample

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S-101
Core: 138
Seg: 3R (96-128R)
S96T001881

S-101
Core: 138
Seg: 3AR (96-128AR)
S96T001882

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Core:138

Seg: 4 (96-129)

S96T001654

No Sample

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Core: 138

Seg: 4R (96-129R)

S96T001883

No Sample

Attachment 1
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Core:138

Seg: 5 (96-130)

S96T001702

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Core:138

Seg: 6 (96-131)

S96T001822

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Core:138

Seg: 7 (96-132)

S96T001823

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Core:138

Seg: 8 (96-133)

S96T001824

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Core:138

Seg: 9 (96-134)

S96T002039

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WHC-SD-WM-DP-185, REV. 0

Composited:

Segment: Grams:

5	UH	10.0
5	LH	10.0
6	UH	10.0
6	LH	10.0
7	UH	10.0
7	LH	10.0
8	UH	10.0
8	LH	10.0
9	UH	10.0
9	LH	10.0

S-101
Core:138
Composite

S-101

Core:142

Seg: 1 (96-174)

S96T001918

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S-101

Core:142

Seg: 2 (96-175)

S96T002205

Attachment 1
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S-101

Core:142

Seg: 3 (96-176)

S96T002206

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S-101

Core:142

Seg: 4 (96-177)

S96T001828

Attachment 1
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S-101

Core:142

Seg: 5 (96-178)

S96T001829

Attachment 1
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Core:142

Seg: 6 (96-179)

S96T001919

Attachment 1
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Core:142

Seg: 7 (96-180)

S96T001920

Attachment 1
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S-101

Core:142

Seg: 8 (96-181)

S96T001921

Attachment 1
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Composited:

Segment: Grams:

1	UH	20.0
2	UH	10.0
2	LH	10.0
3	UH	10.0
3	LH	10.0
4	UH	10.0
4	LH	10.0
5	UH	10.0
5	LH	10.0
6	UH	10.0
6	LH	10.0
7	UH	10.0
7	LH	10.0
8	UH	10.0
8	LH	10.0

S-101
Core:142
Composite

S96T002727

S96T002728

S96T002730

S96T002737

S96T002731

S96T002733

S96T002735

S96T002736

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SAMPLE DATA SUMMARY

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Table 4. Data Summary Table
S-101

CORE NUMBER: 138
SEGMENT #: Field Blank

SEGMENT PORTION: Drainable Liquid

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	EPD %	Spk Rec %	Det Limit	Count Err%
S96T002182		DSC Exotherm DRY, Calculated	Joules/g DRY		n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S96T002182		DSC Exotherm on Perkin Elmer	Joules/g	91.49	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S96T002182		Specific Gravity	Sp.G.	97.71	n/a	9.97e-01	9.99e-01	9.95e-01	0.80	n/a	1.00e-03	n/a
S96T002182		% Water by IGA on Perkin Elmer	Sp.G.	98.02	n/a	99.13	99.80	99.47	0.67	n/a	n/a	n/a
S96T002182		Silver-ICP-Acid Dil.	ug/mL	99.40	<1.00e-02	<8.00e-02	<8.00e-02	<8.00e-02	n/a	n/a	8.00e-02	n/a
S96T002182		Aluminum-ICP-Acid Dil.	ug/mL	99.40	<5.00e-02	<4.00e-01	<4.00e-01	n/a	n/a	n/a	8.00e-01	n/a
S96T002182		Arsenic-ICP-Acid Dil.	ug/mL	103.8	<1.00e-01	<8.00e-01	<8.00e-01	n/a	n/a	n/a	8.00e-01	n/a
S96T002182		Boron-ICP-Acid Dil.	ug/mL	102.2	<5.00e-02	4.670	4.660	4.665	0.21	n/a	4.00e-01	n/a
S96T002182		Barium-ICP-Acid Dil.	ug/mL	105.2	<5.00e-02	<4.00e-01	<4.00e-01	n/a	n/a	n/a	4.00e-01	n/a
S96T002182		Beryllium-ICP-Acid Dil.	ug/mL	102.0	<5.00e-03	<4.00e-02	<4.00e-02	n/a	n/a	n/a	4.00e-02	n/a
S96T002182		Bismuth-ICP-Acid Dil.	ug/mL	102.0	<1.00e-01	<8.00e-01	<8.00e-01	n/a	n/a	n/a	8.00e-01	n/a
S96T002182		Calcium-ICP-Acid Dil.	ug/mL	99.60	<5.00e-03	<4.00e-02	<4.00e-02	2.760	2.17	n/a	8.00e-01	n/a
S96T002182		Cadmium-ICP-Acid Dil.	ug/mL	104.8	<1.00e-01	<8.00e-01	<8.00e-01	n/a	n/a	n/a	8.00e-02	n/a
S96T002182		Cerium-ICP-Acid Dil.	ug/mL	100.2	<2.00e-02	<1.60e-01	<1.60e-01	n/a	n/a	n/a	1.60e-01	n/a
S96T002182		Cobalt-ICP-Acid Dil.	ug/mL	101.2	<1.00e-02	<8.00e-02	<8.00e-02	n/a	n/a	n/a	8.00e-02	n/a
S96T002182		Chromium-ICP-Acid Dil.	ug/mL	105.8	<1.00e-02	<8.00e-02	<8.00e-02	n/a	n/a	n/a	8.00e-02	n/a
S96T002182		Copper-ICP-Acid Dil.	ug/mL	101.4	<5.00e-02	<4.00e-01	<4.00e-01	n/a	n/a	n/a	4.00e-01	n/a
S96T002182		Iron-ICP-Acid Dil.	ug/mL	99.60	<5.00e-01	<4.000	<4.00e-01	n/a	n/a	n/a	4.000	n/a
S96T002182		Potassium-ICP-Acid Dil.	ug/mL	103.0	<5.00e-02	<4.00e-01	<4.00e-01	n/a	n/a	n/a	4.00e-01	n/a
S96T002182		Lithium-ICP-Acid Dil.	ug/mL	104.0	<1.00e-02	<8.00e-02	<8.00e-02	n/a	n/a	n/a	8.00e-02	n/a
S96T002182		Magnesium-ICP-Acid Dil.	ug/mL	98.60	<1.00e-01	<8.00e-01	<8.00e-01	n/a	n/a	n/a	8.00e-01	n/a
S96T002182		Manganese-ICP-Acid Dil.	ug/mL	98.20	<1.00e-02	<8.00e-02	<8.00e-02	n/a	n/a	n/a	8.00e-02	n/a
S96T002182		Molybdenum-ICP-Acid Dil.	ug/mL	100.4	<5.00e-02	<4.00e-01	<4.00e-01	n/a	n/a	n/a	4.00e-01	n/a
S96T002182		Sodium-ICP-Acid Dil.	ug/mL	101.6	<1.00e-01	10.90	11.00	10.95	0.91	n/a	8.00e-01	n/a
S96T002182		Neodymium-ICP-Acid Dil.	ug/mL	104.2	<1.00e-01	<8.00e-01	<8.00e-01	n/a	n/a	n/a	8.00e-01	n/a
S96T002182		Nickel-ICP-Acid Dil.	ug/mL	100.0	<2.00e-02	<1.60e-01	<1.60e-01	n/a	n/a	n/a	1.60e-01	n/a
S96T002182		Phosphorus-ICP-Acid Dil.	ug/mL	100.4	<1.00e-01	<8.00e-01	<8.00e-01	n/a	n/a	n/a	8.00e-01	n/a
S96T002182		Lead-ICP-Acid Dil.	ug/mL	99.00	<1.00e-01	<8.00e-01	<8.00e-01	2.750	2.675	n/a	8.00e-01	n/a
S96T002182		Sulfur-ICP-Acid Dil.	ug/mL	97.40	<1.00e-01	2.620	2.720	2.675	4.11	n/a	8.00e-01	n/a
S96T002182		Antimony-ICP-Acid Dil.	ug/mL	96.00	<6.00e-02	<4.80e-01	<4.80e-01	n/a	n/a	n/a	4.80e-01	n/a
S96T002182		Selenium-ICP-Acid Dil.	ug/mL	97.80	<1.00e-01	<8.00e-01	<8.00e-01	n/a	n/a	n/a	8.00e-01	n/a
S96T002182		Silicon-ICP-Acid Dil.	ug/mL	93.20	<5.00e-02	13.40	13.40	13.40	0.00	n/a	4.00e-01	n/a
S96T002182		Samarium-ICP-Acid Dil.	ug/mL	100.6	<1.00e-01	<8.00e-01	<8.00e-01	n/a	n/a	n/a	8.00e-01	n/a
S96T002182		Strontium-ICP-Acid Dil.	ug/mL	99.00	<1.00e-02	<8.00e-02	<8.00e-02	n/a	n/a	n/a	8.00e-02	n/a
S96T002182		Titanium-ICP-Acid Dil.	ug/mL	101.4	<1.00e-02	<8.00e-02	<8.00e-02	n/a	n/a	n/a	8.00e-02	n/a
S96T002182		Thallium-ICP-Acid Dil.	ug/mL	97.00	<2.00e-01	<1.600	<1.60e0	n/a	n/a	n/a	1.600	n/a
S96T002182		Uranium-ICP-Acid Dil.	ug/mL	99.10	<5.00e-01	<4.000	<4.00e0	n/a	n/a	n/a	4.000	n/a
S96T002182		Vanadium-ICP-Acid Dil.	ug/mL	100.80	<5.00e-01	<4.00e-01	<4.00e-01	n/a	n/a	n/a	4.00e-01	n/a
S96T002182		Zinc-ICP-Acid Dil.	ug/mL	99.60	<1.00e-02	3.11e-01	2.89e-01	3.20e-01	7.33	n/a	8.00e-02	n/a
S96T002182		Zirconium-ICP-Acid Dil.	ug/mL	99.60	<1.00e-02	<8.00e-02	<8.00e-02	n/a	n/a	n/a	8.00e-02	n/a
S96T002182		Fluoride-IC-Bioxex 4000i/4500	ug/mL	98.31	<1.30e-02	6.60e-01	6.72e-01	6.66e-01	1.80	n/a	1.30e-02	n/a
S96T002182		Chloride-IC-Bioxex 4000i/4500	ug/mL	94.05	<1.70e-02	7.56e-01	1.310	1.033	53.6	n/a	1.70e-02	n/a

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A-0002-3

Sample#	R/A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002182		Nitrite-IC - Dionex 40001/4500	ug/mL	97.63	<1.07e-01	<1.07e-01	<1.07e-1	n/a	n/a	n/a	1.07e-01	n/a
S96T002182		Nitrite by Ion Chromatograph	ug/mL	99.83	<1.26e-01	1.61e-01	1.62e-01	1.62e-01	0.62	n/a	1.26e-01	n/a
S96T002182		Nitrate-IC - Dionex 40001/4500	ug/mL	98.86	<1.40e-01	1.87e-01	1.85e-01	1.86e-01	1.08	n/a	1.40e-01	n/a
S96T002182		Phosphate-IC-Dionex 40001/4500	ug/mL	98.53	<1.19e-01	<1.19e-01	<1.19e-1	n/a	n/a	n/a	1.19e-01	n/a
S96T002182		Sulfate by IC-Dionex40001/4500	ug/mL	100.0	<1.36e-01	5.16e-01	5.600	5.383	7.99	n/a	1.36e-01	n/a
S96T002182		Oxalate by IC - Dionex 40001	ug/mL	99.81	<1.05e-01	<1.05e-01	<1.05e-1	n/a	n/a	n/a	1.05e-01	n/a
S96T002182		Alpha in Liquid Samples	uc1/mL	117.2	<1.66e-03	<1.09e-06	<9.13E-7	n/a	n/a	113.1	1.89e-06	3.59E+02

Table 4. Data Summary Table
S-101

CODE NUMBER: 138
SEGMENT #: 1R

SEGMENT PORTION: Draineable Liquid

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
5961001886	D	DSC Exotherm Dry	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
5961001886	DSC	Exotherm on Perkin Elmer	Joules/g	101.1	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
5961001886	D	Specific Gravity	Sp.G.	97.74	n/a	1.342	1.350	1.346	0.59	n/a	1.00e-03	n/a
5961001886	D	% Water by IGA on Perkin Elmer	%	99.27	n/a	53.69	53.71	53.70	0.04	n/a	n/a	n/a
5961001886	D	Silvec-ICP-Acid Dil.	ug/mL	99.40	<1.00e-02	15.20	15.30	15.25	0.66	92.00	4.010	n/a
5961001886	D	Aluminum-ICP-Acid Dil.	ug/mL	98.80	<1.00e-02	2.50e+04	2.50e+04	2.50e+04	0.00	265.7	20.10	n/a
5961001886	D	Arsenic-ICP-Acid Dil.	ug/mL	104.4	<1.00e-01	<40.10	<4.01e1	68.65	1.02	100.7	40.10	n/a
5961001886	D	Barium-ICP-Acid Dil.	ug/mL	101.8	<1.00e-02	<20.10	<2.01e1	n/a	n/a	100.3	20.10	n/a
5961001886	D	Bismuth-ICP-Acid Dil.	ug/mL	105.8	<5.00e-03	<2.000	<2.00e0	n/a	n/a	104.7	2.000	n/a
5961001886	D	Beryllium-ICP-Acid Dil.	ug/mL	102.8	<1.00e-01	<40.10	<4.01e1	n/a	n/a	103.8	40.10	n/a
5961001886	D	Calcium-ICP-Acid Dil.	ug/mL	102.4	<1.00e-01	<40.10	<4.01e1	n/a	n/a	106.2	40.10	n/a
5961001886	D	Cadmium-ICP-Acid Dil.	ug/mL	101.0	<5.00e-03	<2.000	<2.00e0	n/a	n/a	100.0	2.000	n/a
5961001886	D	Cerium-ICP-Acid Dil.	ug/mL	105.0	<1.00e-01	<40.10	<4.01e1	n/a	n/a	103.8	40.10	n/a
5961001886	D	Cobalt-ICP-Acid Dil.	ug/mL	101.4	<2.00e-02	<8.020	<8.02e0	n/a	n/a	100.3	8.020	n/a
5961001886	D	Chromium-ICP-Acid Dil.	ug/mL	102.4	<1.00e-02	8.30e+02	829.0	829.5	0.12	104.8	4.010	n/a
5961001886	D	Copper-ICP-Acid Dil.	ug/mL	105.6	<1.00e-02	<4.010	<4.01e0	n/a	n/a	102.0	4.010	n/a
5961001886	D	Iron-ICP-Acid Dil.	ug/mL	102.8	<5.00e-02	<20.10	<2.01e1	n/a	n/a	103.3	20.10	n/a
5961001886	D	Potassium-ICP-Acid Dil.	ug/mL	103.4	<5.00e-01	2.49e+03	2.46e+03	2.48e+03	1.21	102.8	20.10	n/a
5961001886	D	Lanthanum-ICP-Acid Dil.	ug/mL	102.2	<5.00e-02	<20.10	<2.01e1	n/a	n/a	103.8	20.10	n/a
5961001886	D	Lithium-ICP-Acid Dil.	ug/mL	98.40	<1.00e-02	<40.10	<4.01e0	n/a	n/a	95.80	40.10	n/a
5961001886	D	Magnesium-ICP-Acid Dil.	ug/mL	99.20	<1.00e-02	<40.10	<4.01e0	n/a	n/a	98.00	40.10	n/a
5961001886	D	Manganese-ICP-Acid Dil.	ug/mL	102.0	<5.00e-02	<86.70	87.20	86.95	0.58	102.1	20.10	n/a
5961001886	D	Molybdenum-ICP-Acid Dil.	ug/mL	104.6	<1.00e-01	2.14e+05	2.14e+05	2.14e+05	0.00	1.64e+03	40.10	n/a
5961001886	D	Neodymium-ICP-Acid Dil.	ug/mL	101.4	<2.00e-02	<8.020	<8.02e0	n/a	n/a	97.20	8.020	n/a
5961001886	D	Nickel-ICP-Acid Dil.	ug/mL	101.0	<2.00e-01	1.14e+03	1.14e+03	1.14e+03	0.00	102.0	40.10	n/a
5961001886	D	Phosphorus-ICP-Acid Dil.	ug/mL	100.0	<1.00e-01	<40.10	<4.01e1	n/a	n/a	102.0	40.10	n/a
5961001886	D	Lead-ICP-Acid Dil.	ug/mL	98.40	<1.00e-01	1.72e+03	1.72e+03	1.72e+03	0.00	100.0	40.10	n/a
5961001886	D	Sulfur-ICP-Acid Dil.	ug/mL	97.20	<6.00e-02	<24.10	<2.41e1	n/a	n/a	97.50	24.10	n/a
5961001886	D	Antimony-ICP-Acid Dil.	ug/mL	99.60	<1.00e-01	<40.10	<4.01e1	n/a	n/a	105.0	40.10	n/a
5961001886	D	Selenium-ICP-Acid Dil.	ug/mL	99.20	<5.00e-02	1.34e+02	133.0	133.5	0.75	100.0	20.10	n/a
5961001886	D	Silicon-ICP-Acid Dil.	ug/mL	100.6	<1.00e-01	<40.10	<4.01e1	n/a	n/a	98.50	40.10	n/a
5961001886	D	Samarium-ICP-Acid Dil.	ug/mL	99.80	<1.00e-02	<40.10	<4.01e0	n/a	n/a	98.80	4.010	n/a
5961001886	D	Strontium-ICP-Acid Dil.	ug/mL	99.80	<2.00e-01	<80.20	<8.02e1	n/a	n/a	98.20	80.20	n/a
5961001886	D	Titanium-ICP-Acid Dil.	ug/mL	99.80	<5.00e-01	<2.00e+02	<2.00e2	n/a	n/a	98.20	200.0	n/a
5961001886	D	Thallium-ICP-Acid Dil.	ug/mL	100.4	<5.00e-02	<20.10	<2.01e1	n/a	n/a	100.0	20.10	n/a
5961001886	D	Uranium-ICP-Acid Dil.	ug/mL	100.4	<1.00e-02	<19.40	<1.94e1	19.30	0.32	100.0	4.010	n/a
5961001886	D	Vanadium-ICP-Acid Dil.	ug/mL	100.2	<1.00e-02	<4.010	<4.01e0	n/a	n/a	100.0	4.010	n/a
5961001886	D	Zinc-ICP-Acid Dil.	ug/mL	100.2	<1.00e-02	<1.35e+02	<1.35e2	n/a	n/a	109.5	132.0	n/a
5961001886	D	Zirconium-ICP-Acid Dil.	ug/mL	95.95	<1.70e-02	7.37e+03	7.20e+03	7.28e+03	2.33	89.37	173.4	n/a
5961001886	D	Chloride-IC-Dioxex 40001/4500	ug/mL									

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961001886		Nitrite-IC - Dionex 4000i/4500	ug/ml	99.65	<1.07e-01	9.34e+04	9.15e+04	9.24e+04	2.06	101.6	1.09e+03	n/a
S961001886		Bromide by Ion Chromatograph	ug/ml	96.87	<1.26e-01	<1.28e+03	<1.29e+3	n/a	n/a	96.17	1.28e+03	n/a
S961001886		Nitrate-IC - Dionex 4000i/4500	ug/ml	98.05	<1.40e-01	1.79e+05	1.73e+05	1.76e+05	3.41	101.6	1.43e+03	n/a
S961001886		Phosphate-IC-Dionex 4000i/4500	ug/ml	101.1	<1.19e-01	3.53e+03	3.56e+03	3.55e+03	0.85	100.2	1.21e+03	n/a
S961001886		Sulfate by IC-Dionex4000i/4500	ug/ml	98.10	<1.36e-01	5.08e+03	5.27e+03	5.17e+03	3.67	97.15	1.39e+03	n/a
S961001886		Oxalate by IC - Dionex 4000i	ug/ml	97.95	<1.05e-01	<1.07e+03	<1.07e+3	n/a	n/a	98.51	1.07e+03	n/a
S961001886		Alpha in Liquid Samples	ug/ml	117.2	<1.16e-02	1.09e+02	1.24e+02	1.17e+02	12.9	109.7	1.60e+02	1.30E+02

CORE NUMBER: 136
SEGMENT #: 2K1

Table 4. Data Summary Table
S-101

SEGMENT PORTION: L Lower Half of Segment

Sample#	RAP	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD	% Spk Rec	Det Limit	Count Err%
S967001897		Bulk Density of Sample	g/mL	n/a	n/a	1.500	n/a	n/a	n/a	n/a	5.00e-01	n/a
S967001899		DSC Exotherm DRY Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S967001899		DSC Exotherm on Perkin Elmer	Joules/g	99.85	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S967001899		% Water by TGA using Mettler	%	99.85	n/a	52.18	52.57	52.38	0.74	n/a	n/a	n/a
S967001903		F Silver - ICP-Fusion	ug/g	100.2	< 1.00e-02	< 1.97e+02	< 1.86e2	2.16e+04	18.1	n/a	92.40	197.0
S967001903		F Aluminum - ICP-Fusion	ug/g	98.2	< 1.00e-02	1.99e+02	2.35e+04	2.16e+04	18.1	n/a	98.20	984.0
S967001903		F Arsenic - ICP-Fusion	ug/g	103.2	< 1.00e-01	< 1.97e+03	< 1.86e3	n/a	n/a	n/a	102.4	1.97e+03
S967001903		F Boron - ICP-Fusion	ug/g	100.2	< 1.00e-02	< 9.84e+02	< 9.31e2	n/a	n/a	n/a	98.00	984.0
S967001903		F Barium - ICP-Fusion	ug/g	101.0	< 1.00e-03	< 9.84e+02	< 9.31e2	n/a	n/a	n/a	99.30	984.0
S967001903		F Beryllium - ICP-Fusion	ug/g	102.8	< 1.00e-03	< 98.40	< 9.31e1	n/a	n/a	n/a	100.2	98.40
S967001903		F Bismuth - ICP-Fusion	ug/g	102.8	< 1.00e-01	< 1.97e+03	< 1.86e3	n/a	n/a	n/a	100.7	1.97e+03
S967001903		F Calcium - ICP-Fusion	ug/g	102.8	< 1.00e-01	< 1.97e+03	< 1.86e3	n/a	n/a	n/a	105.1	1.97e+03
S967001903		F Cadmium - ICP-Fusion	ug/g	103.2	< 1.00e-03	< 98.40	< 9.31e1	n/a	n/a	n/a	100.5	98.40
S967001903		F Cerium - ICP-Fusion	ug/g	103.2	< 1.00e-01	< 1.97e+03	< 1.86e3	n/a	n/a	n/a	102.9	1.97e+03
S967001903		F Cobalt - ICP-Fusion	ug/g	102.8	< 1.00e-02	< 9.84e+02	< 3.72e2	9.90e+03	22.2	n/a	102.4	197.0
S967001903		F Chromium - ICP-Fusion	ug/g	103.8	< 1.00e-02	< 1.97e+02	< 1.86e2	n/a	n/a	n/a	102.9	984.0
S967001903		F Copper - ICP-Fusion	ug/g	101.8	< 1.00e-02	< 9.84e+02	< 9.31e2	n/a	n/a	n/a	101.5	984.0
S967001903		F Iron - ICP-Fusion	ug/g	100.6	< 1.00e-02	< 1.97e+02	< 1.86e3	n/a	n/a	n/a	95.30	1.97e+03
S967001903		F Lanthanum - ICP-Fusion	ug/g	98.00	< 1.00e-01	< 1.97e+02	< 1.86e3	254.0	23.6	n/a	96.70	197.0
S967001903		F Magnesium - ICP-Fusion	ug/g	99.00	< 1.00e-02	< 2.46e+02	< 9.31e2	n/a	n/a	n/a	101.5	984.0
S967001903		F Manganese - ICP-Fusion	ug/g	101.8	< 1.00e-02	< 9.84e+02	< 9.31e2	1.62e+05	17.3	n/a	109.8	1.97e+03
S967001903		F Molybdenum - ICP-Fusion	ug/g	100.5	< 1.00e-02	< 9.84e+02	< 1.86e3	n/a	n/a	n/a	102.2	1.97e+03
S967001903		F Sodium - ICP-Fusion	ug/g	102.6	< 1.00e-01	< 1.97e+03	< 1.86e3	6.46e+03	4.02	n/a	100.6	393.0
S967001903		F Neodymium - ICP-Fusion	ug/g	101.6	< 1.00e-01	< 6.59e+03	< 3.72e3	n/a	n/a	n/a	100.3	3.93e+03
S967001903		F Nickel - ICP-Fusion	ug/g	100.2	< 1.00e-01	< 3.93e+03	< 3.72e3	4.97e+03	23.3	n/a	99.90	1.97e+03
S967001903		F Phosphorus - ICP-Fusion	ug/g	101.2	< 1.00e-01	< 1.97e+03	< 1.86e3	n/a	n/a	n/a	100.2	1.97e+03
S967001903		F Lead - ICP-Fusion	ug/g	99.00	< 1.00e-01	< 6.59e+03	< 3.72e3	4.97e+03	23.3	n/a	99.90	1.97e+03
S967001903		F Sulfur - ICP-Fusion	ug/g	97.80	< 1.00e-02	< 1.18e+03	< 1.12e3	n/a	n/a	n/a	99.30	1.97e+03
S967001903		F Antimony - ICP-Fusion	ug/g	97.40	< 1.00e-02	< 9.84e+02	< 9.31e2	n/a	n/a	n/a	99.80	984.0
S967001903		F Selenium - ICP-Fusion	ug/g	96.80	< 1.00e-02	< 9.84e+02	< 1.86e3	n/a	n/a	n/a	99.30	1.97e+03
S967001903		F Silicon - ICP-Fusion	ug/g	97.40	< 1.00e-01	< 1.97e+02	< 1.86e3	n/a	n/a	n/a	99.30	1.97e+03
S967001903		F Samarium - ICP-Fusion	ug/g	99.80	< 1.00e-02	< 1.97e+02	< 1.86e2	n/a	n/a	n/a	99.30	1.97e+03
S967001903		F Strontium - ICP-Fusion	ug/g	97.80	< 1.00e-02	< 1.97e+02	< 1.86e2	n/a	n/a	n/a	99.30	1.97e+03
S967001903		F Tantalum - ICP-Fusion	ug/g	98.60	< 1.00e-02	< 9.31e+03	< 3.72e3	n/a	n/a	n/a	94.90	3.93e+03
S967001903		F Thallium - ICP-Fusion	ug/g	97.80	< 1.00e-01	< 9.84e+02	< 9.31e2	n/a	n/a	n/a	93.40	9.84e+03
S967001903		F Uranium - ICP-Fusion	ug/g	101.0	< 1.00e-02	< 9.84e+02	< 9.31e2	n/a	n/a	n/a	100.7	984.0
S967001903		F Vanadium - ICP-Fusion	ug/g	102.2	< 1.00e-02	< 1.97e+02	< 1.86e2	n/a	n/a	n/a	101.7	197.0
S967001903		F Zinc - ICP-Fusion	ug/g	99.60	< 1.00e-02	< 9.31e+02	< 1.86e2	n/a	n/a	n/a	98.80	197.0
S967001903		F Zirconium - ICP-Fusion	ug/g	99.60	< 1.00e-02	< 9.31e+02	< 1.86e2	n/a	n/a	n/a	5.30e-02	n/a
S967001903		F Cobalt -60 by GEA	uCi/g	99.85	< 1.59e-01	< 5.37e+02	< 5.37e+02	16.7	12.5	n/a	n/a	0.760
S967001903		F Cesium-137 by GEA	uCi/g	n/a	< 1.59e-01	< 2.27e+01	< 1.79e-1	n/a	n/a	n/a	n/a	2.27e-01

WHC-SD-WM-DP-185, REV. 0

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S94T001903	F	Antimony - ICP-Acid Digest	ug/g	< 1.50e-01	< 1.50e-01	< 6.05e-01	< 6.19e-1	n/a	n/a	n/a	6.05e-01	n/a
S94T001903	F	Arrium-155 by GEA	ug/g	n/a	< 1.50e-01	< 1.568	< 1.6360	n/a	n/a	n/a	1.568	n/a
S94T001903	F	Arrium-241 by GEA	ug/g	n/a	< 1.50e-01	9.14e-01	1.210	1.062	27.9	83.01	6.60e-02	1.75E+01
S94T001903	F	Alpha of Distilled Solid	ug/g	107.0	< 1.51e-02	11.90	11.80	1.145	0.84	90.00	3.810	n/a
S94T001905	A	Aluminum - ICP-Acid Digest	ug/g	86.30	< 1.00e-02	1.72e+04	1.75e+04	1.74e+04	1.73	130.61	19.10	n/a
S94T001905	A	Aluminum - ICP-Acid Digest	ug/g	86.30	< 1.00e-02	38.10	< 3.87e1	n/a	n/a	86.88	38.10	n/a
S94T001905	A	Arsenic - ICP-Acid Digest	ug/g	87.80	< 1.11e-01	77.30	< 78.90	78.10	2.05	86.88	19.10	n/a
S94T001905	A	Boron - ICP-Acid Digest	ug/g	95.60	< 5.11e-01	< 19.10	< 1.94e1	n/a	n/a	89.20	19.10	n/a
S94T001905	A	Boron - ICP-Acid Digest	ug/g	84.80	< 5.00e-02	< 19.10	< 1.94e1	n/a	n/a	93.80	19.10	n/a
S94T001905	A	Beryllium - ICP-Acid Digest	ug/g	90.40	< 5.00e-03	53.30	< 3.87e1	306.5	0.98	92.60	38.10	n/a
S94T001905	A	Bismuth - ICP-Acid Digest	ug/g	95.60	< 3.86e-01	3.05e+02	3.08e+02	3.06e+02	3.62	88.88	1.910	n/a
S94T001905	A	Cadmium - ICP-Acid Digest	ug/g	84.60	< 5.00e-03	6.780	< 7.030	6.905	3.62	94.80	38.10	n/a
S94T001905	A	Cadmium - ICP-Acid Digest	ug/g	90.00	< 1.00e-01	< 38.10	< 3.87e1	n/a	n/a	90.40	7.620	n/a
S94T001905	A	Cadmium - ICP-Acid Digest	ug/g	86.60	< 2.00e-02	< 7.620	< 7.75e0	n/a	n/a	90.40	7.620	n/a
S94T001905	A	Cadmium - ICP-Acid Digest	ug/g	85.20	< 1.00e-02	6.20e+03	6.33e+03	6.26e+03	2.08	363.9	3.810	n/a
S94T001905	A	Chromium - ICP-Acid Digest	ug/g	85.00	< 1.00e-02	7.760	< 7.87e1	7.815	1.41	88.18	3.810	n/a
S94T001905	A	Copper - ICP-Acid Digest	ug/g	86.00	< 1.27e-01	4.70e+02	4.79e+02	4.74e+02	1.90	81.50	19.10	n/a
S94T001905	A	Copper - ICP-Acid Digest	ug/g	88.00	< 5.00e-02	< 19.10	< 1.94e1	1.28e+03	6.25	100.2	19.10	n/a
S94T001905	A	Potassium - ICP-Acid Digest	ug/g	87.00	< 5.00e-02	< 38.10	< 3.87e1	n/a	n/a	92.40	19.10	n/a
S94T001905	A	Lanthanum - ICP-Acid Digest	ug/g	87.00	< 1.00e-02	< 38.10	< 3.87e1	n/a	n/a	87.00	38.10	n/a
S94T001905	A	Lithium - ICP-Acid Digest	ug/g	82.60	< 1.00e-02	< 38.10	< 3.87e1	n/a	n/a	21.20	38.10	n/a
S94T001905	A	Magnesium - ICP-Acid Digest	ug/g	83.20	< 1.00e-02	8.56e+02	8.75e+02	865.5	2.20	89.34	19.10	n/a
S94T001905	A	Manganese - ICP-Acid Digest	ug/g	85.20	< 5.00e-02	42.60	< 42.00	42.30	1.42	89.34	19.10	n/a
S94T001905	A	Molybdenum - ICP-Acid Digest	ug/g	85.20	< 5.00e-02	42.60	< 42.00	42.30	1.42	89.34	19.10	n/a
S94T001905	A	Sodium - ICP-Acid Digest	ug/g	101.4	< 7.44e-01	1.48e+05	1.51e+05	1.50e+05	2.01	571.2	38.10	n/a
S94T001905	A	Neodymium - ICP-Acid Digest	ug/g	86.40	< 1.00e-01	< 38.10	< 3.87e1	n/a	n/a	92.80	38.10	n/a
S94T001905	A	Nickel - ICP-Acid Digest	ug/g	86.40	< 2.00e-02	89.50	< 93.80	91.65	4.69	93.22	7.620	n/a
S94T001905	A	Nickel - ICP-Acid Digest	ug/g	89.60	< 2.00e-02	1.93e+03	1.94e+03	1.94e+03	0.52	79.28	7.620	n/a
S94T001905	A	Phosphorus - ICP-Acid Digest	ug/g	83.60	< 1.00e-01	50.80	< 53.00	51.90	4.24	89.06	38.10	n/a
S94T001905	A	Lead - ICP-Acid Digest	ug/g	86.60	< 1.00e-01	2.87e+03	2.93e+03	2.90e+03	2.07	330.5	38.10	n/a
S94T001905	A	Sulfur - ICP-Acid Digest	ug/g	88.20	< 6.00e-02	< 29.90	< 32.32e1	n/a	n/a	93.60	22.90	n/a
S94T001905	A	Antimony - ICP-Acid Digest	ug/g	81.60	< 1.00e-01	< 38.10	< 3.87e1	n/a	n/a	85.00	38.10	n/a
S94T001905	A	Selenium - ICP-Acid Digest	ug/g	84.40	< 1.00e-01	< 38.10	< 3.87e1	n/a	n/a	89.20	38.10	n/a
S94T001905	A	Samarium - ICP-Acid Digest	ug/g	85.00	< 1.00e-02	91.60	< 93.60	92.60	2.16	80.18	3.810	n/a
S94T001905	A	Strontium - ICP-Acid Digest	ug/g	80.20	< 1.00e-02	< 38.10	< 3.87e1	n/a	n/a	86.40	3.810	n/a
S94T001905	A	Titanium - ICP-Acid Digest	ug/g	81.60	< 2.00e-02	< 7.620	< 7.75e1	n/a	n/a	86.40	7.620	n/a
S94T001905	A	Thallium - ICP-Acid Digest	ug/g	82.80	< 5.00e-01	2.45e+03	2.50e+03	2.48e+03	2.02	n/a	19.10	n/a
S94T001905	A	Uranium - ICP-Acid Digest	ug/g	84.20	< 5.00e-02	< 19.10	< 1.94e1	n/a	n/a	88.40	19.10	n/a
S94T001905	A	Vanadium - ICP-Acid Digest	ug/g	83.60	< 2.40e-02	29.50	< 29.60	29.55	0.34	88.50	3.810	n/a
S94T001905	A	Zinc - ICP-Acid Digest	ug/g	91.40	< 1.00e-02	15.30	< 15.70	15.50	2.58	91.00	3.810	n/a
S94T001905	A	Zirconium - ICP-Acid Digest	ug/g	99.83	< 3.00e-02	< 1.12e+02	< 1.07e2	n/a	n/a	119.0	112.2	n/a
S94T001907	W	Fluoride-IC-Dioxex 40001/4500	ug/g	99.93	< 2.70e-02	4.72e+03	4.63e+03	4.67e+03	1.93	95.44	146.8	n/a
S94T001907	W	Chloride-IC-Dioxex 40001/4500	ug/g	96.53	< 1.07e-01	5.74e+04	5.67e+04	5.71e+04	1.23	104.4	923.7	n/a
S94T001907	W	Nitrite-IC - Dioxex 40001/4500	ug/g	100.2	< 1.07e-01	< 1.09e+03	< 1.03e3	n/a	n/a	93.74	1.09e+03	n/a
S94T001907	W	Bromide by Ion Chromatograph	ug/g	103.3	< 1.40e-01	3.33e+05	3.24e+05	3.28e+05	2.74	104.7	1.21e+03	n/a
S94T001907	W	Nitrate by IC-Dioxex40001/4500	ug/g	100.0	< 1.19e-01	< 1.03e+03	< 9.76e2	n/a	n/a	100.0	1.03e+03	n/a
S94T001907	W	Phosphate-IC-Dioxex 40001/4500	ug/g	103.2	< 1.36e-01	1.74e+04	1.74e+04	1.74e+04	0.57	100.6	1.17e+03	n/a
S94T001907	W	Sulfate by IC - Dioxex40001/4500	ug/g	104.7	< 1.05e-01	1.07e+04	1.30e+04	1.18e+04	19.4	102.9	906.5	n/a
S94T001907	W	Oxalate by IC - Dioxex 40001	ug/g	104.7	< 1.05e-01	1.07e+04	1.30e+04	1.18e+04	19.4	102.9	906.5	n/a

Drainable Liquid: Drainable Liquid

Sample#	RAP	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count	Err%
S96T001909		DSC Exotherm Dry	Joules/g Dry	101.1	N/A	0.00e+00	0.00e+00	0.00e+00	0.00	N/A	N/A		N/A
S96T001909		DSC Exotherm Dry	Joules/g	98.07	N/A	0.00e+00	0.00e+00	0.00e+00	0.00	N/A	N/A		N/A
S96T001909		% Water by TGA on Perkin Elmer	Sp.G.	98.19	N/A	1.356	1.362	1.359	0.44	N/A	1.00e-03		N/A
S96T001909		Aluminum-ICP-Acid Dtl.	ug/mL	98.19	< 1.00e-02	51.70	52.46	52.60	1.44	N/A	N/A		N/A
S96T001909		Aluminum-ICP-Acid Dtl.	ug/mL	98.80	< 1.00e-02	15.60	15.60	15.60	0.00	89.10	4.010		N/A
S96T001909		Aluminum-ICP-Acid Dtl.	ug/mL	98.80	< 1.00e-02	2.53e+04	2.53e+04	2.54e+04	1.18	122.3	20.10		N/A
S96T001909		Aluminum-ICP-Acid Dtl.	ug/mL	104.4	< 1.00e-02	40.10	40.10	40.10	N/A	92.50	40.10		N/A
S96T001909		Boron-ICP-Acid Dtl.	ug/mL	101.3	< 1.00e-02	70.70	70.70	70.70	1.42	99.80	20.10		N/A
S96T001909		Boron-ICP-Acid Dtl.	ug/mL	102.2	< 1.00e-02	20.10	20.10	20.10	N/A	100.0	20.10		N/A
S96T001909		Beryllium-ICP-Acid Dtl.	ug/mL	102.2	< 1.00e-02	2.00e-03	2.00e-03	2.00e-03	N/A	104.2	2.000		N/A
S96T001909		Beryllium-ICP-Acid Dtl.	ug/mL	102.2	< 1.00e-02	40.10	40.10	40.10	N/A	102.3	40.10		N/A
S96T001909		Bismuth-ICP-Acid Dtl.	ug/mL	102.4	< 1.00e-02	40.10	40.10	40.10	N/A	105.2	40.10		N/A
S96T001909		Calcium-ICP-Acid Dtl.	ug/mL	102.4	< 1.00e-02	2.00e-03	2.00e-03	2.00e-03	N/A	99.30	2.000		N/A
S96T001909		Calcium-ICP-Acid Dtl.	ug/mL	101.0	< 1.00e-02	40.10	40.10	40.10	N/A	102.8	40.10		N/A
S96T001909		Cadmium-ICP-Acid Dtl.	ug/mL	105.0	< 1.00e-02	40.10	40.10	40.10	N/A	99.80	40.10		N/A
S96T001909		Cadmium-ICP-Acid Dtl.	ug/mL	102.4	< 1.00e-02	8.00e-03	8.00e-03	8.00e-03	N/A	103.5	4.010		N/A
S96T001909		Cobalt-ICP-Acid Dtl.	ug/mL	102.4	< 1.00e-02	8.00e-03	8.00e-03	8.00e-03	N/A	103.5	4.010		N/A
S96T001909		Chromium-ICP-Acid Dtl.	ug/mL	102.4	< 1.00e-02	20.10	20.10	20.10	N/A	101.5	20.10		N/A
S96T001909		Copper-ICP-Acid Dtl.	ug/mL	102.4	< 1.00e-02	2.53e+03	2.53e+03	2.55e+03	3.14	82.90	200.0		N/A
S96T001909		Potassium-ICP-Acid Dtl.	ug/mL	102.4	< 1.00e-02	40.10	40.10	40.10	N/A	102.8	40.10		N/A
S96T001909		Lanthanum-ICP-Acid Dtl.	ug/mL	102.2	< 1.00e-02	40.10	40.10	40.10	N/A	95.80	40.10		N/A
S96T001909		Lithium-ICP-Acid Dtl.	ug/mL	98.40	< 1.00e-02	40.10	40.10	40.10	N/A	95.80	40.10		N/A
S96T001909		Magnesium-ICP-Acid Dtl.	ug/mL	99.20	< 1.00e-02	88.80	87.45	87.45	2.62	100.9	20.10		N/A
S96T001909		Manganese-ICP-Acid Dtl.	ug/mL	102.0	< 1.00e-02	2.18e+05	2.18e+05	2.18e+05	1.38	408.8	40.10		N/A
S96T001909		Molybdenum-ICP-Acid Dtl.	ug/mL	101.0	< 1.00e-02	40.10	40.10	40.10	N/A	103.0	40.10		N/A
S96T001909		Sodium-ICP-Acid Dtl.	ug/mL	104.6	< 1.00e-02	40.10	40.10	40.10	N/A	99.30	8.020		N/A
S96T001909		Neodymium-ICP-Acid Dtl.	ug/mL	101.4	< 1.00e-02	1.18e+03	1.18e+03	1.18e+03	0.84	102.8	80.20		N/A
S96T001909		Nickel-ICP-Acid Dtl.	ug/mL	101.0	< 1.00e-02	40.10	40.10	40.10	N/A	97.30	40.10		N/A
S96T001909		Phosphorus-ICP-Acid Dtl.	ug/mL	98.40	< 1.00e-02	1.82e+03	1.82e+03	1.82e+03	0.55	94.50	40.10		N/A
S96T001909		Lead-ICP-Acid Dtl.	ug/mL	97.20	< 1.00e-02	40.10	40.10	40.10	N/A	97.30	40.10		N/A
S96T001909		Sulfur-ICP-Acid Dtl.	ug/mL	98.40	< 1.00e-02	40.10	40.10	40.10	N/A	106.7	40.10		N/A
S96T001909		Antimony-ICP-Acid Dtl.	ug/mL	99.60	< 1.00e-02	40.10	40.10	40.10	N/A	99.90	20.10		N/A
S96T001909		Selenium-ICP-Acid Dtl.	ug/mL	99.20	< 1.00e-02	133.0	130.5	130.5	3.83	99.90	20.10		N/A
S96T001909		Samarium-ICP-Acid Dtl.	ug/mL	100.6	< 1.00e-02	40.10	40.10	40.10	N/A	97.80	40.10		N/A
S96T001909		Strontium-ICP-Acid Dtl.	ug/mL	101.8	< 1.00e-02	40.10	40.10	40.10	N/A	100.3	4.010		N/A
S96T001909		Titanium-ICP-Acid Dtl.	ug/mL	99.80	< 1.00e-02	40.10	40.10	40.10	N/A	98.30	4.010		N/A
S96T001909		Titanium-ICP-Acid Dtl.	ug/mL	98.40	< 1.00e-02	80.20	80.20	80.20	N/A	94.80	80.20		N/A
S96T001909		Thallium-ICP-Acid Dtl.	ug/mL	99.80	< 1.00e-02	2.00e-02	2.00e-02	2.00e-02	N/A	99.15	200.0		N/A
S96T001909		Uranium-ICP-Acid Dtl.	ug/mL	101.8	< 1.00e-02	40.10	40.10	40.10	N/A	100.3	20.10		N/A
S96T001909		Vanadium-ICP-Acid Dtl.	ug/mL	100.4	< 1.00e-02	44.15	44.15	44.15	1.13	100.3	4.010		N/A
S96T001909		Zinc-ICP-Acid Dtl.	ug/mL	101.0	< 1.00e-02	40.10	40.10	40.10	N/A	99.50	4.010		N/A
S96T001909		Zirconium-ICP-Acid Dtl.	ug/mL	101.5	< 1.00e-02	1.33e+02	1.33e+02	1.33e+02	N/A	116.8	132.6		N/A
S96T001909		Fluoride-IC-Dionex 40001/4500	ug/mL	94.94	< 1.00e-02	7.46e+03	7.46e+03	7.46e+03	0.81	87.59	1.09e+03		N/A
S96T001909		Chloride-IC-Dionex 40001/4500	ug/mL	97.99	< 1.00e-02	9.35e+04	9.35e+04	9.41e+04	1.28	100.9	1.09e+03		N/A
S96T001909		Nitrite-IC-Dionex 40001/4500	ug/mL	98.61	< 1.00e-02	1.28e+03	1.28e+03	1.28e+03	0.55	105.9	1.43e+03		N/A
S96T001909		Bromide by Ion Chromatograph	ug/mL	102.1	< 1.00e-02	1.82e+03	1.82e+03	1.82e+03	0.55	91.94	1.21e+03		N/A
S96T001909		Nitrate-IC-Dionex 40001/4500	ug/mL	100.4	< 1.00e-02	3.01e+03	3.01e+03	3.01e+03	15.1	93.50	1.39e+03		N/A
S96T001909		Phosphate-IC-Dionex 40001/4500	ug/mL	99.21	< 1.00e-02	5.15e+03	5.15e+03	5.15e+03	20.3	93.50	1.39e+03		N/A
S96T001909		Sulfate by IC-Dionex40001/4500	ug/mL										

Sample#	R A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T001909		Oxalate by IC - Dionex 40001	µg/mL	102.7	<1.05e-01	<1.07e+03	<1.07e3	n/a	n/a	94.56	1.07e+03	n/a
S96T001909		Alpha in Liquid Samples	µCi/mL	100.0	<1.25e-02	<6.93e-03	<1.43E-2	n/a	n/a	113.6	1.80e-02	5.00E+02

WHC-SD-WM-DP-185, REV. 0

Table 4. Data Summary Table
S-101

CORE NUMBER: 136
SEGMENT #: 3R

SEGMENT PORTION: Drainable Liquid

Sample#	RAP Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002043	DSC Exotherm Dry	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002043	DSC Exotherm on Perkin Elmer	Joules/g	91.49	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002043	Specific Gravity	Sp.G.	99.71	n/a	1.381	1.378	1.379	0.22	n/a	1.00e-03	n/a
S961002043	% Water by TGA on Perkin Elmer	%	98.02	n/a	53.76	53.42	53.59	0.45	n/a	n/a	n/a
S961002043	D Silicon-ICP-Acid Dil.	ug/mL	98.00	< 1.00e-02	15.20	14.80	15.00	2.67	91.50	4.010	n/a
S961002043	D Aluminum-ICP-Acid Dil.	ug/mL	97.40	< 1.00e-02	2.33e+04	2.29e+04	2.31e+04	1.73	431.70	20.10	n/a
S961002043	D Boron-ICP-Acid Dil.	ug/mL	102.4	< 1.00e-02	< 40.10	< 40.10	< 40.10	1.66	96.80	40.10	n/a
S961002043	D Barium-ICP-Acid Dil.	ug/mL	99.20	< 5.00e-02	< 20.10	< 20.10	< 20.10	1.66	96.80	40.10	n/a
S961002043	D Beryllium-ICP-Acid Dil.	ug/mL	103.0	< 5.00e-03	< 2.000	< 2.000	< 2.000	n/a	100.5	22.000	n/a
S961002043	D Bismuth-ICP-Acid Dil.	ug/mL	101.4	< 1.00e-01	< 40.10	< 40.10	< 40.10	n/a	100.5	40.10	n/a
S961002043	D Calcium-ICP-Acid Dil.	ug/mL	101.2	< 1.00e-03	< 2.000	< 2.000	< 2.000	n/a	102.8	40.10	n/a
S961002043	D Cadmium-ICP-Acid Dil.	ug/mL	98.20	< 5.00e-03	< 40.10	< 40.10	< 40.10	n/a	95.30	22.000	n/a
S961002043	D Cerium-ICP-Acid Dil.	ug/mL	102.6	< 1.00e-01	< 40.10	< 40.10	< 40.10	n/a	101.0	40.10	n/a
S961002043	D Cobalt-ICP-Acid Dil.	ug/mL	98.20	< 1.00e-02	8.020	< 8.020	< 8.020	n/a	95.00	8.020	n/a
S961002043	D Chromium-ICP-Acid Dil.	ug/mL	92.80	< 1.00e-02	8.05e+02	< 8.05e+02	< 8.05e+02	3.15	106.0	4.010	n/a
S961002043	D Copper-ICP-Acid Dil.	ug/mL	103.6	< 1.00e-02	< 40.10	< 40.10	< 40.10	n/a	101.3	4.010	n/a
S961002043	D Iron-ICP-Acid Dil.	ug/mL	101.2	< 5.00e-02	< 20.10	< 20.10	< 20.10	n/a	98.50	20.10	n/a
S961002043	D Potassium-ICP-Acid Dil.	ug/mL	89.20	< 5.00e-01	2.01e+03	2.11e+03	2.06e+03	4.38	152.8	200.0	n/a
S961002043	D Lanthanum-ICP-Acid Dil.	ug/mL	101.0	< 1.00e-02	< 40.10	< 40.10	< 40.10	n/a	99.80	20.10	n/a
S961002043	D Lithium-ICP-Acid Dil.	ug/mL	101.0	< 1.00e-02	< 40.10	< 40.10	< 40.10	n/a	99.80	40.10	n/a
S961002043	D Magnesium-ICP-Acid Dil.	ug/mL	97.40	< 1.00e-01	< 40.10	< 40.10	< 40.10	n/a	92.80	40.10	n/a
S961002043	D Manganese-ICP-Acid Dil.	ug/mL	96.80	< 1.00e-02	< 40.10	< 40.10	< 40.10	n/a	92.50	4.010	n/a
S961002043	D Molybdenum-ICP-Acid Dil.	ug/mL	99.00	< 5.00e-02	79.40	< 79.40	< 79.40	0.88	99.10	20.10	n/a
S961002043	D Sodium-ICP-Acid Dil.	ug/mL	102.2	< 1.00e-01	2.14e+05	2.11e+05	2.12e+05	1.41	3.31e+03	40.10	n/a
S961002043	D Neodymium-ICP-Acid Dil.	ug/mL	99.00	< 1.00e-01	< 40.10	< 40.10	< 40.10	n/a	100.8	40.10	n/a
S961002043	D Nickel-ICP-Acid Dil.	ug/mL	98.40	< 2.00e-02	8.020	< 8.020	< 8.020	n/a	95.80	8.020	n/a
S961002043	D Phosphorus-ICP-Acid Dil.	ug/mL	100.6	< 2.00e-01	1.43e+03	1.45e+03	1.45e+03	0.00	126.9	80.20	n/a
S961002043	D Lead-ICP-Acid Dil.	ug/mL	98.00	< 1.00e-01	< 40.10	< 40.10	< 40.10	1.96	123.5	40.10	n/a
S961002043	D Sulfur-ICP-Acid Dil.	ug/mL	95.80	< 1.00e-02	2.06e+03	2.02e+03	2.04e+03	1.96	98.50	40.10	n/a
S961002043	D Antimony-ICP-Acid Dil.	ug/mL	95.80	< 1.00e-02	< 40.10	< 40.10	< 40.10	n/a	94.50	24.10	n/a
S961002043	D Selenium-ICP-Acid Dil.	ug/mL	98.40	< 1.00e-01	32.70	< 32.70	< 32.70	16.4	106.8	40.10	n/a
S961002043	D Silicon-ICP-Acid Dil.	ug/mL	92.40	< 5.00e-02	2.26e+02	2.27e+02	2.26e+02	0.44	126.4	20.10	n/a
S961002043	D Samarium-ICP-Acid Dil.	ug/mL	96.60	< 1.00e-01	< 40.10	< 40.10	< 40.10	n/a	93.80	40.10	n/a
S961002043	D Strontium-ICP-Acid Dil.	ug/mL	100.0	< 1.00e-02	< 40.10	< 40.10	< 40.10	n/a	97.80	4.010	n/a
S961002043	D Thallium-ICP-Acid Dil.	ug/mL	97.00	< 1.00e-02	< 40.10	< 40.10	< 40.10	n/a	93.50	80.20	n/a
S961002043	D Vanadium-ICP-Acid Dil.	ug/mL	97.10	< 5.00e-01	< 80.20	< 80.20	< 80.20	n/a	100.0	20.10	n/a
S961002043	D Uranium-ICP-Acid Dil.	ug/mL	97.10	< 5.00e-01	< 22.50	< 22.50	< 22.50	n/a	96.50	4.010	n/a
S961002043	D Zirconium-ICP-Acid Dil.	ug/mL	98.80	< 1.00e-02	< 20.10	< 20.10	< 20.10	3.16	96.90	20.10	n/a
S961002043	D Zirconium-ICP-Acid Dil.	ug/mL	98.00	< 1.00e-02	< 40.10	< 40.10	< 40.10	n/a	95.80	4.010	n/a
S961002043	Fluoride-IC-Dioxex 40001/4500	ug/mL	98.31	< 1.00e-02	< 53.83	< 53.83	< 53.83	n/a	n/a	53.83	n/a
S961002043	Chloride-IC-Dioxex 40001/4500	ug/mL	94.05	< 1.70e-02	7.66e+03	7.57e+03	7.61e+03	1.18	n/a	70.40	n/a

Sample#	R. A#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002043		Nitrite-IC - Dionex 4000i/4500	ug/ml	97.63	<1.07e-01	9.56e+04	9.56e+04	9.56e+04	0.00	n/a	443.1	n/a
S96T002043		Bromide By Ion Chromatograph	ug/ml	99.83	<1.26e-01	9.94e+02	999.0	996.4	0.50	n/a	521.8	n/a
S96T002043		Nitrate-IC - Dionex 4000i/4500	ug/ml	96.86	<1.40e-01	1.87e+05	1.85e+05	1.86e+05	1.08	n/a	579.7	n/a
S96T002043		Phosphate-IC-Dionex 4000i/4500	ug/ml	96.53	<1.19e-01	4.13e+03	3.89e+03	4.01e+03	5.99	n/a	492.4	n/a
S96T002043		Sulfate By IC-Dionex4000i/4500	ug/ml	100.0	<1.36e-01	6.05e+03	6.09e+03	6.07e+03	0.66	n/a	562.8	n/a
S96T002043		Oxalate By IC - Dionex 4000i	ug/ml	99.81	<1.05e-01	<4.35e+02	<4.35e+02	n/a	n/a	n/a	434.8	n/a
S96T002043		Alphas In Liquid Samples	uc/l/ml	117.2	<1.66e-03	<1.66e-03	<2.40E-3	n/a	n/a	n/a	4.00e-03	5.00E-02

Table 4. Data Summary Table
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CORE NUMBER: 138
SEGMENT #: 34R

SEGMENT PORTION: W Whole Segment

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002001		DSC Exotherm DRY	Calculated	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002001		DSC Exotherm on Perkin Elmer	Joules/g DRY	99.82	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002001		% Water by TGA on Perkin Elmer	Joules/g	99.44	n/a	46.52	43.86	45.19	5.89	n/a	n/a	n/a
S961002040	F	Silver - ICP-Fusion	ug/g	101.0	<1.00e-02	<2.04e+02	<1.91e2	3.01e+04	1.33	91.20	204.0	n/a
S961002040	F	Aluminum - ICP-Fusion	ug/g	99.80	<1.00e-01	<2.99e+04	3.03e+04	3.01e+04	1.33	96.90	1.02e+03	n/a
S961002040	F	Arsenic - ICP-Fusion	ug/g	104.2	<1.00e-02	<2.04e+03	<1.91e2	3.01e+04	1.33	96.90	1.02e+03	n/a
S961002040	F	Boron - ICP-Fusion	ug/g	101.0	<1.00e-02	<1.02e+03	<9.54e2	n/a	n/a	98.30	1.02e+03	n/a
S961002040	F	Barium - ICP-Fusion	ug/g	104.0	<1.00e-02	<1.02e+03	<9.54e2	n/a	n/a	100.2	102.0	n/a
S961002040	F	Beryllium - ICP-Fusion	ug/g	105.4	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	99.50	2.04e+03	n/a
S961002040	F	Bismuth - ICP-Fusion	ug/g	104.4	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	107.1	2.04e+03	n/a
S961002040	F	Calcium - ICP-Fusion	ug/g	104.0	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	100.5	102.0	n/a
S961002040	F	Cadmium - ICP-Fusion	ug/g	101.8	<1.00e-03	<1.02e+02	<9.54e1	n/a	n/a	107.1	2.04e+03	n/a
S961002040	F	Cerium - ICP-Fusion	ug/g	107.0	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	103.4	2.04e+03	n/a
S961002040	F	Cobalt - ICP-Fusion	ug/g	102.6	<1.00e-02	<4.07e+02	<3.81e2	n/a	n/a	101.2	407.0	n/a
S961002040	F	Chromium - ICP-Fusion	ug/g	103.6	<1.00e-02	<2.02e+04	2.03e+04	2.02e+04	0.49	102.3	204.0	n/a
S961002040	F	Copper - ICP-Fusion	ug/g	106.8	<1.00e-02	<2.04e+02	<1.91e2	n/a	n/a	101.5	1.02e+03	n/a
S961002040	F	Iron - ICP-Fusion	ug/g	103.8	<1.00e-02	<1.02e+03	<1.07e+03	n/a	n/a	105.9	1.02e+03	n/a
S961002040	F	Lanthanum - ICP-Fusion	ug/g	105.6	<1.00e-02	<1.02e+03	<9.54e2	n/a	n/a	101.5	1.02e+03	n/a
S961002040	F	Lithium - ICP-Fusion	ug/g	102.4	<1.00e-02	<2.04e+02	<1.91e2	n/a	n/a	94.60	204.0	n/a
S961002040	F	Magnesium - ICP-Fusion	ug/g	99.60	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	96.30	204.0	n/a
S961002040	F	Manganese - ICP-Fusion	ug/g	100.4	<1.00e-02	<1.02e+03	<9.54e2	n/a	n/a	99.90	2.04e+03	n/a
S961002040	F	Molybdenum - ICP-Fusion	ug/g	103.0	<1.00e-02	<1.02e+03	<9.54e2	n/a	n/a	101.5	1.02e+03	n/a
S961002040	F	Sodium - ICP-Fusion	ug/g	101.6	<1.00e-01	<1.69e+05	1.70e+05	1.70e+05	0.59	99.90	2.04e+03	n/a
S961002040	F	Neodymium - ICP-Fusion	ug/g	106.2	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	98.50	407.0	n/a
S961002040	F	Nickel - ICP-Fusion	ug/g	102.0	<1.34e-01	7.95e+03	3.88e+03	4.22e+03	16.3	98.50	407.0	n/a
S961002040	F	Phosphorus - ICP-Fusion	ug/g	99.20	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	95.91	2.04e+03	n/a
S961002040	F	Selenium - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	95.91	2.04e+03	n/a
S961002040	F	Silver - ICP-Fusion	ug/g	98.00	<1.00e-02	<1.22e+03	<1.14e3	9.44e+03	3.50	95.40	2.04e+03	n/a
S961002040	F	Antimony - ICP-Fusion	ug/g	96.60	<1.00e-01	<2.04e+03	<1.91e2	n/a	n/a	104.1	2.04e+03	n/a
S961002040	F	Barium - ICP-Fusion	ug/g	102.8	<1.00e-02	<2.04e+03	<1.91e2	n/a	n/a	98.30	2.04e+03	n/a
S961002040	F	Bismuth - ICP-Fusion	ug/g	103.6	<1.00e-02	<2.04e+02	<1.91e2	n/a	n/a	98.80	204.0	n/a
S961002040	F	Chromium - ICP-Fusion	ug/g	101.2	<1.00e-02	<2.04e+02	<1.91e2	n/a	n/a	99.50	4.07e+03	n/a
S961002040	F	Thallium - ICP-Fusion	ug/g	99.80	<2.00e-01	<4.07e+03	<3.81e3	n/a	n/a	96.70	1.02e+04	n/a
S961002040	F	Vanadium - ICP-Fusion	ug/g	102.0	<1.00e-02	<1.02e+03	<9.54e2	n/a	n/a	100.7	1.02e+03	n/a
S961002040	F	Zinc - ICP-Fusion	ug/g	101.8	<1.00e-02	<2.19e+02	<9.54e2	n/a	n/a	99.90	204.0	n/a
S961002040	F	Europium-154 by GEA	uc1/g	99.62	<1.00e-02	<8.33e-02	<9.99e-2	117.8	0.00	n/a	8.30e-02	n/a
S961002040	F	Europium-153 by GEA	uc1/g	97.30	<1.00e-01	<3.61e-01	<3.13e-1	117.8	0.00	n/a	3.61e-01	n/a
S961002040	F	Europium-153 by GEA	uc1/g	n/a	<2.19e-01	<8.01e-01	<7.52e-1	n/a	n/a	n/a	8.01e-01	n/a

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count	Err%
596T002040	F	Americium-241 by GEA	uCi/g	n/a	<4.20e-01	< 1.658	<1.62e0	n/a	n/a	D/a	1.658	n/a	n/a
596T002040	F	Alpha of Digested Solid	uCi/g	106.2	<2.63e-02	2.85e-01	3.04e-01	2.94e-01	6.45	89.97	3.60e-02	2.29E-01	

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Table 4. Data Summary Table
S-101

CORE NUMBER: 138
SEGMENT #: 5

SEGMENT PORTION: U Upper Half of Segment

Sample#	RA#	Analyze	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S967001888		Bulk Density of Sample	g/mL	n/a	n/a	1.650	n/a	n/a	n/a	n/a	5.00e-01	n/a
S967001889		DSC Exotherm DRY, Calculated	Joules/g Dry	101.8	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S967001889		DSC Exotherm on Perfkin Elmer	Joules/g	97.9	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S967001889		% Water by TGA on Perfkin Elmer	%	97.9	n/a	48.80	49.14	48.97	0.69	n/a	n/a	n/a
S967001891	F	Silver - ICP-Fusion	ug/g	100.2	< 1.00e-02	< 2.10e-02	< 2.12e2	9.16e+04	3.70	91.70	210.0	n/a
S967001891	F	Aluminum - ICP-Fusion	ug/g	98.2	< 5.00e-02	9.49e+04	9.29e+04	9.46e+04	3.70	102.0	1.05e+03	n/a
S967001891	F	Aluminum - ICP-Fusion	ug/g	103.2	< 1.00e-01	< 2.10e-03	< 2.12e3	n/a	n/a	102.0	2.10e+03	n/a
S967001891	F	Arsenic - ICP-Fusion	ug/g	101.2	< 1.00e-02	< 1.05e+03	< 1.06e3	n/a	n/a	96.30	1.05e+03	n/a
S967001891	F	Boron - ICP-Fusion	ug/g	101.2	< 5.00e-02	< 1.05e+03	< 1.06e3	n/a	n/a	98.00	1.05e+03	n/a
S967001891	F	Barium - ICP-Fusion	ug/g	102.8	< 5.00e-03	< 1.05e+02	< 1.06e2	n/a	n/a	99.00	105.0	n/a
S967001891	F	Beryllium - ICP-Fusion	ug/g	102.8	< 1.00e-01	< 2.10e+03	< 2.12e3	n/a	n/a	103.7	2.10e+03	n/a
S967001891	F	Bismuth - ICP-Fusion	ug/g	102.8	< 1.00e-01	< 2.10e+03	< 2.12e3	n/a	n/a	103.9	2.10e+03	n/a
S967001891	F	Calcium - ICP-Fusion	ug/g	102.8	< 5.00e-02	< 1.05e+02	< 1.06e2	n/a	n/a	98.50	105.0	n/a
S967001891	F	Calcium - ICP-Fusion	ug/g	103.2	< 5.00e-01	< 1.05e+02	< 2.12e3	n/a	n/a	99.30	210.0	n/a
S967001891	F	Cadmium - ICP-Fusion	ug/g	103.2	< 1.00e-01	< 2.10e+03	< 2.12e3	n/a	n/a	101.5	2.10e+03	n/a
S967001891	F	Cerium - ICP-Fusion	ug/g	103.2	< 2.00e-02	6.79e+03	6.74e+03	6.76e+03	0.74	99.30	420.0	n/a
S967001891	F	Cobalt - ICP-Fusion	ug/g	103.2	< 1.00e-02	< 2.10e+02	< 2.12e2	n/a	n/a	100.0	1.05e+03	n/a
S967001891	F	Copper - ICP-Fusion	ug/g	103.8	< 1.00e-02	< 1.05e+03	< 1.06e3	n/a	n/a	100.0	1.05e+03	n/a
S967001891	F	Chromium - ICP-Fusion	ug/g	101.8	< 5.00e-02	< 1.05e+03	< 2.12e3	n/a	n/a	96.60	2.10e+03	n/a
S967001891	F	Iron - ICP-Fusion	ug/g	100.2	< 1.00e-02	< 2.10e+02	< 2.12e2	n/a	n/a	94.60	2.10e+03	n/a
S967001891	F	Lanthanum - ICP-Fusion	ug/g	99.80	< 1.00e-01	< 2.10e+03	< 1.06e3	n/a	n/a	99.50	1.05e+03	n/a
S967001891	F	Lithium - ICP-Fusion	ug/g	99.80	< 1.00e-02	< 1.05e+03	< 1.06e3	n/a	n/a	105.6	2.10e+03	n/a
S967001891	F	Magnesium - ICP-Fusion	ug/g	101.2	< 5.00e-02	< 1.05e+03	< 1.06e3	n/a	n/a	100.7	2.10e+03	n/a
S967001891	F	Manganese - ICP-Fusion	ug/g	101.2	< 1.00e-01	< 2.10e+03	< 2.12e3	n/a	n/a	99.10	2.10e+03	n/a
S967001891	F	Molybdenum - ICP-Fusion	ug/g	102.8	< 2.00e-01	< 1.50e+05	< 1.51e+05	1.50e+05	0.66	105.6	2.10e+03	n/a
S967001891	F	Sodium - ICP-Fusion	ug/g	102.8	< 1.00e-01	< 2.10e+03	< 2.12e3	n/a	n/a	99.10	420.0	n/a
S967001891	F	Neodymium - ICP-Fusion	ug/g	101.2	< 1.00e-01	7.62e+03	1.16e+04	9.63e+03	40.9	99.10	420.0	n/a
S967001891	F	Nickel - ICP-Fusion	ug/g	101.2	< 2.00e-01	44.20e+03	44.23e3	n/a	n/a	107.6	4.20e+03	n/a
S967001891	F	Phosphorus - ICP-Fusion	ug/g	101.2	< 1.00e-01	< 2.10e+03	< 2.12e3	n/a	n/a	98.50	2.10e+03	n/a
S967001891	F	Sulfur - ICP-Fusion	ug/g	99.80	< 5.00e-02	< 1.05e+03	< 2.12e3	n/a	n/a	99.30	2.10e+03	n/a
S967001891	F	Tantalum - ICP-Fusion	ug/g	98.80	< 1.00e-02	< 2.10e+03	< 2.12e3	n/a	n/a	95.90	1.26e+03	n/a
S967001891	F	Selenium - ICP-Fusion	ug/g	98.80	< 5.00e-02	< 1.05e+03	< 2.12e3	n/a	n/a	98.30	2.10e+03	n/a
S967001891	F	Silicon - ICP-Fusion	ug/g	99.80	< 1.00e-02	< 1.05e+03	< 1.06e3	n/a	n/a	100.2	1.05e+03	n/a
S967001891	F	Samarium - ICP-Fusion	ug/g	99.80	< 1.00e-02	< 1.05e+03	< 2.12e3	n/a	n/a	96.30	2.10e+03	n/a
S967001891	F	Strontium - ICP-Fusion	ug/g	98.80	< 2.00e-01	< 2.10e+02	< 2.12e2	n/a	n/a	97.10	210.0	n/a
S967001891	F	Titanium - ICP-Fusion	ug/g	98.80	< 2.00e-01	< 44.20e+03	44.23e3	n/a	n/a	95.10	4.20e+03	n/a
S967001891	F	Thallium - ICP-Fusion	ug/g	98.80	< 2.00e-01	< 1.05e+04	< 1.06e4	n/a	n/a	97.55	1.05e+04	n/a
S967001891	F	Uranium - ICP-Fusion	ug/g	98.30	< 5.00e-02	< 1.05e+03	< 1.06e3	n/a	n/a	98.80	1.05e+03	n/a
S967001891	F	Vanadium - ICP-Fusion	ug/g	102.2	< 1.00e-02	< 2.10e+02	< 2.12e2	n/a	n/a	100.0	210.0	n/a
S967001891	F	Zinc - ICP-Fusion	ug/g	98.60	< 1.00e-02	< 2.10e+02	< 2.12e2	n/a	n/a	97.30	210.0	n/a
S967001891	F	Zirconium - ICP-Fusion	ug/g	98.60	< 5.00e-02	5.52e+02	8.29e+2	n/a	n/a	n/a	5.50e-02	n/a
S967001891	F	Cobalt -60 by GEA	uCi/g	98.85	< 1.50e-01	1.56e+02	160.0	157.9	2.53	n/a	n/a	0.880
S967001891	F	Cesium-137 by GEA	uCi/g	n/a	< 1.50e-01	< 2.51e-01	< 2.45e-1	n/a	n/a	n/a	2.51e-01	n/a
S967001891	F	Europium-154 by GEA	uCi/g	n/a	< 1.50e-01	< 2.51e-01	< 2.45e-1	n/a	n/a	n/a	2.51e-01	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	Alt#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961001891	F	Europium-155 by GEA	uCi/g	<1.50e-01	<1.50e-01	<7.10e-01	<7.10e-01	n/a	n/a	n/a	7.10e-01	n/a
S961001891	F	Americium-241 by GEA	uCi/g	n/a	<4.21e-01	<1.883	<1.87e0	n/a	n/a	n/a	1.883	n/a
S961001892	A	Silver - ICP-Acid Digest	ug/g	86.30	<1.00e-02	10.80	11.30	11.05	n/a	n/a	3.820	n/a
S961001892	A	Aluminum - ICP-Acid Digest	ug/g	87.80	<9.80e-02	2.06e+04	2.12e+04	2.12e+04	5.66	n/a	19.10	n/a
S961001892	A	Arsenic - ICP-Acid Digest	ug/g	86.00	<1.00e-02	38.20	44.03e1	n/a	n/a	n/a	38.20	n/a
S961001892	A	Boron - ICP-Acid Digest	ug/g	95.60	<5.11e-01	77.10	83.00	80.05	7.37	n/a	19.10	n/a
S961001892	A	Barium - ICP-Acid Digest	ug/g	84.80	<5.00e-02	<19.10	<2.01e1	n/a	n/a	n/a	19.10	n/a
S961001892	A	Beryllium - ICP-Acid Digest	ug/g	90.40	<5.00e-03	<1.910	<2.01e0	n/a	n/a	n/a	1.910	n/a
S961001892	A	Bismuth - ICP-Acid Digest	ug/g	85.80	<1.00e-01	40.10	44.50	42.30	10.4	n/a	38.20	n/a
S961001892	A	Calcium - ICP-Acid Digest	ug/g	95.60	<3.86e-01	3.16e+02	333.0	324.5	5.24	n/a	38.20	n/a
S961001892	A	Cadmium - ICP-Acid Digest	ug/g	84.60	<5.00e-03	2.370	2.980	2.675	22.8	n/a	1.910	n/a
S961001892	A	Cerium - ICP-Acid Digest	ug/g	90.00	<1.00e-01	<38.20	<4.03e1	n/a	n/a	n/a	38.20	n/a
S961001892	A	Cobalt - ICP-Acid Digest	ug/g	86.00	<2.00e-02	<7.640	<8.05e0	n/a	n/a	n/a	7.640	n/a
S961001892	A	Chromium - ICP-Acid Digest	ug/g	85.20	<1.00e-02	4.32e+03	4.59e+03	4.46e+03	6.06	n/a	3.820	n/a
S961001892	A	Copper - ICP-Acid Digest	ug/g	85.00	<1.00e-02	8.750	9.180	8.965	4.80	n/a	3.820	n/a
S961001892	A	Iron - ICP-Acid Digest	ug/g	86.00	<1.27e-01	3.94e+02	4.20.0	407.0	6.39	n/a	19.10	n/a
S961001892	A	Potassium - ICP-Acid Digest	ug/g	88.00	<5.00e-01	1.18e+03	1.32e+03	1.25e+03	11.2	n/a	19.10	n/a
S961001892	A	Lanthanum - ICP-Acid Digest	ug/g	87.00	<5.00e-02	<19.10	<2.01e1	n/a	n/a	n/a	19.10	n/a
S961001892	A	Lithium - ICP-Acid Digest	ug/g	87.00	<1.00e-02	<3.820	<4.03e0	n/a	n/a	n/a	3.820	n/a
S961001892	A	Magnesium - ICP-Acid Digest	ug/g	82.60	<1.00e-01	<38.20	<4.03e1	n/a	n/a	n/a	38.20	n/a
S961001892	A	Manganese - ICP-Acid Digest	ug/g	83.20	<1.00e-02	1.08e+03	1.15e+03	1.12e+03	6.28	n/a	3.820	n/a
S961001892	A	Molybdenum - ICP-Acid Digest	ug/g	85.20	<5.00e-02	45.00	45.80	45.40	1.76	n/a	19.10	n/a
S961001892	A	Sodium - ICP-Acid Digest	ug/g	101.4	<7.44e-01	1.38e+05	1.46e+05	1.42e+05	5.63	n/a	38.20	n/a
S961001892	A	Neodymium - ICP-Acid Digest	ug/g	86.40	<1.00e-01	<38.20	<4.03e1	n/a	n/a	n/a	38.20	n/a
S961001892	A	Nickel - ICP-Acid Digest	ug/g	86.40	<2.00e-02	56.00	59.60	57.80	6.23	n/a	7.640	n/a
S961001892	A	Phosphorus - ICP-Acid Digest	ug/g	89.60	<2.00e-01	1.96e+03	2.09e+03	2.02e+03	6.42	n/a	7.640	n/a
S961001892	A	Lead - ICP-Acid Digest	ug/g	83.60	<1.00e-01	<38.20	<4.03e1	n/a	n/a	n/a	38.20	n/a
S961001892	A	Sulfur - ICP-Acid Digest	ug/g	86.60	<1.00e-01	7.24e+02	7.66.0	745.0	5.64	n/a	38.20	n/a
S961001892	A	Antimony - ICP-Acid Digest	ug/g	88.20	<6.00e-02	<22.90	<2.42e1	n/a	n/a	n/a	22.90	n/a
S961001892	A	Selenium - ICP-Acid Digest	ug/g	81.60	<1.00e-01	<38.20	<4.03e1	n/a	n/a	n/a	38.20	n/a
S961001892	A	Samarium - ICP-Acid Digest	ug/g	84.40	<1.00e-01	<38.20	<4.03e1	n/a	n/a	n/a	38.20	n/a
S961001892	A	Strontium - ICP-Acid Digest	ug/g	85.00	<1.00e-02	1.28e+02	136.0	132.0	6.06	n/a	3.820	n/a
S961001892	A	Titanium - ICP-Acid Digest	ug/g	80.20	<1.00e-02	<3.820	<4.03e0	n/a	n/a	n/a	3.820	n/a
S961001892	A	Thallium - ICP-Acid Digest	ug/g	81.60	<2.00e-01	<76.40	<8.05e1	n/a	n/a	n/a	76.40	n/a
S961001892	A	Uranium - ICP-Acid Digest	ug/g	82.80	<5.00e-01	3.18e+03	3.38e+03	3.28e+03	6.10	n/a	19.10	n/a
S961001892	A	Vanadium - ICP-Acid Digest	ug/g	84.20	<5.00e-02	<19.10	<2.01e1	n/a	n/a	n/a	19.10	n/a
S961001892	A	Zinc - ICP-Acid Digest	ug/g	83.60	<2.40e-02	18.20	19.20	18.70	5.35	n/a	3.820	n/a
S961001892	A	Zirconium - ICP-Acid Digest	ug/g	91.40	<1.00e-02	16.00	17.30	16.65	7.81	n/a	3.820	n/a
S961001893	F	Fluoride-IC-Dioxex 40001/4500	ug/g	102.0	<1.30e-02	<91.02	260.0	n/a	n/a	n/a	91.02	n/a
S961001893	F	Chloride-IC-Dioxex 40001/4500	ug/g	99.45	<1.07e-02	4.06e+03	4.16e+03	4.11e+03	2.43	n/a	119.0	n/a
S961001893	F	Nitrite-IC - Dioxex 40001/4500	ug/g	99.45	<1.07e-01	5.63e+04	3.88e+04	4.76e+04	36.8	n/a	749.1	n/a
S961001893	F	Bromide by Ion Chromatograph	ug/g	101.6	<1.25e-01	<8.82e+02	<9.48e2	n/a	n/a	n/a	882.3	n/a
S961001893	F	Nitrate by IC-Dioxex40001/4500	ug/g	102.8	<1.57e-01	3.10e+05	3.30e+05	3.30e+05	11.8	n/a	979.5	n/a
S961001893	F	Phosphate-IC-Dioxex 40001/4500	ug/g	101.1	<1.19e-01	<8.94e+02	<8.94e2	n/a	n/a	n/a	832.3	n/a
S961001893	F	Sulfate by IC-Dioxex40001/4500	ug/g	103.8	<1.36e-01	2.25e+03	4.15e+03	3.20e+03	59.4	n/a	951.6	n/a
S961001893	F	Oxalate by IC - Dioxex 40001	ug/g	104.5	<1.05e-01	1.40e+03	5.64e+03	3.52e+03	120	n/a	735.1	n/a

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A-0002-3

L Lower Half of Segment: L Lower Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
5961001896		Bulk Density of Sample	g/mL	n/a	n/a	1.630	n/a	n/a	n/a	n/a	5.00e-01	n/a
5961001898		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
5961001898		DSC Exotherm on Perkin Elmer	Joules/g	101.8	0.00e+00	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
5961001898		% Water by TGA on Perkin Elmer	%	97.95	39.07	38.84	38.84	38.95	0.59	n/a	n/a	n/a
5961001902		F Silver - ICP-Fusion	ug/g	100.12	<1.00e-02	<1.81e-02	<1.81e-02	1.07e+05	n/a	92.20	181.0	n/a
5961001902		F Aluminum - ICP-Fusion	ug/g	98.20	<5.00e-01	1.06e+05	1.06e+05	1.87	109.2	109.2	907.0	n/a
5961001902		F Arsenic - ICP-Fusion	ug/g	103.2	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	102.2	1.81e+03	n/a
5961001902		F Boron - ICP-Fusion	ug/g	100.2	<5.00e-02	<9.07e+02	<8.80e2	n/a	n/a	99.50	907.0	n/a
5961001902		F Barium - ICP-Fusion	ug/g	101.0	<5.00e-05	<9.70	<8.80e1	n/a	n/a	100.2	90.70	n/a
5961001902		F Beryllium - ICP-Fusion	ug/g	102.8	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	103.9	1.81e+03	n/a
5961001902		F Bismuth - ICP-Fusion	ug/g	102.4	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	105.1	1.81e+03	n/a
5961001902		F Cadmium - ICP-Fusion	ug/g	101.2	<1.00e-03	<1.81e+03	<1.76e3	n/a	n/a	103.2	1.81e+03	n/a
5961001902		F Calcium - ICP-Fusion	ug/g	101.2	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	103.2	1.81e+03	n/a
5961001902		F Cerium - ICP-Fusion	ug/g	101.2	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	103.2	1.81e+03	n/a
5961001902		F Cobalt - ICP-Fusion	ug/g	102.6	<2.00e-02	<3.63e+02	<3.52e2	n/a	n/a	102.7	181.0	n/a
5961001902		F Chromium - ICP-Fusion	ug/g	103.1	<1.00e-02	<4.60e+03	<4.75e+03	4.68e+03	3.21	102.7	181.0	n/a
5961001902		F Copper - ICP-Fusion	ug/g	101.8	<5.00e-02	<9.10e+02	<1.01e+03	960.0	10.4	101.3	907.0	n/a
5961001902		F Iron - ICP-Fusion	ug/g	101.8	<5.00e-02	<9.10e+02	<8.80e2	n/a	n/a	96.10	181.0	n/a
5961001902		F Lanthanum - ICP-Fusion	ug/g	100.5	<1.00e-02	<1.81e+02	<1.76e2	n/a	n/a	96.30	1.81e+03	n/a
5961001902		F Lithium - ICP-Fusion	ug/g	99.80	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	96.70	181.0	n/a
5961001902		F Magnesium - ICP-Fusion	ug/g	99.80	<1.00e-02	<1.48e+03	<1.54e+03	1.51e+03	3.97	101.5	907.0	n/a
5961001902		F Manganese - ICP-Fusion	ug/g	101.5	<5.00e-02	<9.07e+02	<8.80e2	n/a	n/a	119.1	1.81e+03	n/a
5961001902		F Molybdenum - ICP-Fusion	ug/g	100.6	<1.23e-01	<1.41e+05	<1.41e+05	1.41e+05	0.001	102.2	1.81e+03	n/a
5961001902		F Sodium - ICP-Fusion	ug/g	102.6	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	100.6	363.0	n/a
5961001902		F Neodymium - ICP-Fusion	ug/g	101.4	<1.30e-01	<3.63e+03	<3.52e3	9.02e+03	23.8	110.5	3.63e+03	n/a
5961001902		F Nickel - ICP-Fusion	ug/g	100.2	<2.00e-01	<3.63e+03	<3.52e3	n/a	n/a	101.7	1.81e+03	n/a
5961001902		F Phosphorus - ICP-Fusion	ug/g	101.4	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	99.00	1.81e+03	n/a
5961001902		F Lead - ICP-Fusion	ug/g	99.00	<1.00e-01	<1.81e+03	<1.76e3	n/a	n/a	97.10	1.09e+03	n/a
5961001902		F Antimony - ICP-Fusion	ug/g	97.40	<6.00e-02	<1.09e+03	<1.06e3	n/a	n/a	101.5	1.81e+03	n/a
5961001902		F Selenium - ICP-Fusion	ug/g	96.80	<5.00e-02	<1.81e+03	<1.76e3	n/a	n/a	97.10	1.81e+03	n/a
5961001902		F Silicon - ICP-Fusion	ug/g	99.00	<1.00e-01	<1.31e+03	<1.15e+03	1.23e+03	13.0	97.10	907.0	n/a
5961001902		F Strontium - ICP-Fusion	ug/g	99.80	<1.00e-02	<2.16e+02	<219.0	217.5	1.38	98.00	181.0	n/a
5961001902		F Tellurium - ICP-Fusion	ug/g	99.80	<1.00e-02	<1.81e+02	<1.76e2	n/a	n/a	98.50	181.0	n/a
5961001902		F Thallium - ICP-Fusion	ug/g	97.80	<2.00e-01	<3.63e+03	<3.52e3	n/a	n/a	98.50	3.63e+03	n/a
5961001902		F Uranium - ICP-Fusion	ug/g	98.30	<5.00e-01	<9.07e+03	<8.80e3	n/a	n/a	103.0	9.07e+03	n/a
5961001902		F Vanadium - ICP-Fusion	ug/g	102.2	<1.00e-02	<1.81e+02	<1.76e2	n/a	n/a	100.5	907.0	n/a
5961001902		F Zirconium - ICP-Fusion	ug/g	99.60	<5.48e-02	<1.31e+01	<1.31e-1	n/a	n/a	99.00	181.0	n/a
5961001902		F Cobalt-60 by GEA	ug/g	99.85	<1.53e-01	1.39e+02	141.0	139.9	1.63	n/a	1.31e-01	1.23
5961001902		F Europium-154 by GEA	ug/g	n/a	<1.53e-01	<3.25e-01	<3.55e-1	n/a	n/a	n/a	3.25e-01	n/a
5961001902		F Europium-155 by GEA	ug/g	n/a	<1.53e-01	<9.24e-01	<9.24e-1	n/a	n/a	n/a	9.31e-01	n/a
5961001902		F Americium-241 by GEA	ug/g	n/a	<4.21e-01	<2.34e	<2.36e0	n/a	n/a	n/a	2.34e	n/a
5961001902		F Alpha of Digested Solid	ug/g	107.0	<1.51e-02	2.68e-01	2.54e-01	2.61e-01	5.36	103.9	3.00e-02	2.10e+01
5961001904		A Silver - ICP-Acid Digest	ug/g	86.30	<1.00e-02	11.40	12.50	11.95	9.21	91.20	3.580	n/a
5961001904		A Aluminum - ICP-Acid Digest	ug/g	86.00	9.80e-02	1.59e+04	1.75e+04	1.67e+04	9.58	102.9	17.90	n/a

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Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD % Spk Rec %	Det Limit	Count	Err%
S961001904	A	Arsenic -ICP-Acid Digest	ug/g	87.80	< 1.00e-01	< 35.80	<3.92e1	n/a	92.60	35.80	n/a	n/a
S961001904	A	Boron -ICP-Acid Digest	ug/g	95.60	5.11e-01	65.00	70.60	67.80	94.94	17.90	n/a	n/a
S961001904	A	Barium -ICP-Acid Digest	ug/g	84.80	< 5.00e-02	< 17.90	<1.96e1	n/a	94.80	17.90	n/a	n/a
S961001904	A	Beryllium -ICP-Acid Digest	ug/g	90.40	< 5.00e-03	< 1.790	<1.96e0	n/a	97.30	1.790	n/a	n/a
S961001904	A	Bismuth -ICP-Acid Digest	ug/g	85.80	< 1.00e-01	51.90	44.30	48.10	15.8	35.80	n/a	n/a
S961001904	A	Calcium -ICP-Acid Digest	ug/g	95.60	3.88e-01	2.79e+02	304.0	289.3	10.70	35.80	n/a	n/a
S961001904	A	Cadmium -ICP-Acid Digest	ug/g	84.60	< 5.00e-03	5.450	6.440	5.945	16.7	1.790	n/a	n/a
S961001904	A	Cerium -ICP-Acid Digest	ug/g	90.00	< 1.00e-01	< 35.80	<3.92e1	n/a	99.80	35.80	n/a	n/a
S961001904	A	Cobalt -ICP-Acid Digest	ug/g	86.50	< 2.00e-02	< 7.160	<7.84e0	n/a	93.20	7.160	n/a	n/a
S961001904	A	Chromium -ICP-Acid Digest	ug/g	86.00	< 1.00e-02	4.42e+03	4.87e+03	4.64e+03	9.69	3.580	n/a	n/a
S961001904	A	Copper -ICP-Acid Digest	ug/g	95.00	< 1.00e-02	5.860	6.140	6.000	4.67	3.580	n/a	n/a
S961001904	A	Iron -ICP-Acid Digest	ug/g	86.00	1.27e-01	3.84e+02	424.0	404.0	97.02	17.90	n/a	n/a
S961001904	A	Potassium -ICP-Acid Digest	ug/g	88.00	< 5.00e-01	1.21e+03	1.28e+03	1.24e+03	5.62	76.30	n/a	n/a
S961001904	A	Lanthanum -ICP-Acid Digest	ug/g	87.00	< 5.00e-02	< 17.90	<1.96e1	n/a	95.60	17.90	n/a	n/a
S961001904	A	Lithium -ICP-Acid Digest	ug/g	82.60	< 1.00e-01	< 35.80	<3.92e1	n/a	94.40	35.80	n/a	n/a
S961001904	A	Magnesium -ICP-Acid Digest	ug/g	83.20	< 1.00e-02	6.91e+02	761.0	726.0	9.64	3.580	n/a	n/a
S961001904	A	Manganese -ICP-Acid Digest	ug/g	85.20	< 5.00e-02	39.50	41.90	40.70	91.38	17.90	n/a	n/a
S961001904	A	Molybdenum -ICP-Acid Digest	ug/g	101.4	7.44e-01	1.37e+05	1.50e+05	1.44e+05	9.06	35.80	n/a	n/a
S961001904	A	Sodium -ICP-Acid Digest	ug/g	86.40	< 1.00e-01	< 35.80	<3.92e1	n/a	98.70	35.80	n/a	n/a
S961001904	A	Neodymium -ICP-Acid Digest	ug/g	86.40	< 2.00e-02	65.20	71.80	68.50	9.64	7.160	n/a	n/a
S961001904	A	Nickel -ICP-Acid Digest	ug/g	89.60	< 2.00e-01	1.69e+03	1.87e+03	1.78e+03	10.1	71.60	n/a	n/a
S961001904	A	Lead -ICP-Acid Digest	ug/g	83.60	< 1.00e-01	50.80	55.30	53.05	8.48	35.80	n/a	n/a
S961001904	A	Sulfur -ICP-Acid Digest	ug/g	86.60	< 1.00e-02	< 21.50	<2.55e1	n/a	n/a	35.80	n/a	n/a
S961001904	A	Antimony -ICP-Acid Digest	ug/g	88.20	< 6.00e-02	< 35.80	<3.92e1	n/a	n/a	35.80	n/a	n/a
S961001904	A	Selenium -ICP-Acid Digest	ug/g	81.60	< 1.00e-01	< 35.80	<3.92e1	n/a	92.00	35.80	n/a	n/a
S961001904	A	Samarium -ICP-Acid Digest	ug/g	84.40	< 1.00e-01	< 35.80	<3.92e1	n/a	97.12	35.80	n/a	n/a
S961001904	A	Strontium -ICP-Acid Digest	ug/g	85.00	< 1.00e-02	75.50	85.00	79.25	9.46	17.90	n/a	n/a
S961001904	A	Titanium -ICP-Acid Digest	ug/g	80.20	< 1.00e-02	< 3.580	<3.92e0	n/a	n/a	3.580	n/a	n/a
S961001904	A	Tantalum -ICP-Acid Digest	ug/g	81.60	< 2.00e-01	< 71.60	<7.84e1	n/a	94.40	71.60	n/a	n/a
S961001904	A	Uranium -ICP-Acid Digest	ug/g	82.80	< 5.00e-01	2.03e+03	2.22e+03	2.12e+03	8.94	179.0	n/a	n/a
S961001904	A	Vanadium -ICP-Acid Digest	ug/g	84.20	< 4.00e-02	< 17.90	<1.96e1	n/a	89.10	17.90	n/a	n/a
S961001904	A	Zinc -ICP-Acid Digest	ug/g	83.60	2.40e-02	25.90	29.50	27.60	12.3	3.580	n/a	n/a
S961001904	A	Zirconium -ICP-Acid Digest	ug/g	91.40	< 1.00e-02	11.90	12.40	12.40	8.06	98.46	n/a	n/a
S961001904	A	Fluoride-IC-Dionex 40001/4500	ug/g	102.0	< 1.30e-02	< 94.80	<9.10e1	n/a	n/a	98.81	n/a	n/a
S961001906	W	Chloride-IC-Dionex 40001/4500	ug/g	99.49	< 1.70e-02	3.84e+03	3.84e+03	3.84e+03	0.00	129.2	n/a	n/a
S961001906	W	Fluoride-IC-Dionex 40001/4500	ug/g	99.45	< 1.07e-01	1.01e+03	5.08e+04	2.59e+04	192	813.0	n/a	n/a
S961001906	W	Nitrite-IC - Dionex 40001/4500	ug/g	101.6	< 1.26e-01	<9.58e+02	<8.82e2	n/a	n/a	957.4	n/a	n/a
S961001906	W	Bromide by Ion Chromatograph	ug/g	102.8	1.57e-01	4.97e+05	3.28e+05	4.12e+05	41.0	81.76	1.06e+03	n/a
S961001906	W	Nitrate by IC-Dionex4001/4500	ug/g	101.1	< 1.19e-01	3.90e+03	<8.52e2	n/a	n/a	903.6	n/a	n/a
S961001906	W	Phosphate-IC-Dionex 40001/4500	ug/g	103.8	< 1.36e-01	1.25e+03	1.04e+03	1.14e+03	18.3	96.20	1.03e+03	n/a
S961001906	W	Sulfate by IC-Dionex4001/4500	ug/g	104.5	< 1.05e-01	4.56e+03	1.08e+03	2.82e+03	123	997.9	n/a	n/a
S961001906	W	Oxalate by IC - Dionex 40001	ug/g									

Table 4. Data Summary Table
S-101

CORE NUMBER: 138
SEGMENT #: 6

SEGMENT PORTION: U Upper Half of Segment

Sample #	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk %	Rep %	Det Limit	Count Err%
S961001953		Bulk Density of Sample	g/mL	n/a	n/a	1.660	n/a	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961001958		DSC Exotherm DRY Calculated	Routes/g DRY	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a	n/a
S961001958		DSC Exotherm on Perkin Elmer	Routes/g	99.16	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a	n/a
S961001958		% Water by TGA on Perkin Elmer	%	99.17	n/a	33.21	38.67	30.94	50.0	n/a	n/a	n/a	n/a
S961001958	1	% Water by TGA on Perkin Elmer	%	99.46	n/a	38.84	39.54	39.19	1.79	n/a	n/a	n/a	n/a
S961002045	F	Aluminum - ICP-Fusion	ug/g	101.0	< 1.00e-02	< 1.92e+02	< 1.89e+02	n/a	n/a	90.20	192.0	n/a	n/a
S961002045	F	Aluminum - ICP-Fusion	ug/g	99.80	< 5.00e-02	9.71e+04	9.49e+04	2.29	n/a	100.8	959.0	n/a	n/a
S961002045	F	Aluminum - ICP-Fusion	ug/g	104.2	< 1.00e-01	< 1.92e+03	< 1.89e+03	n/a	n/a	100.5	1.92e+03	n/a	n/a
S961002045	F	Arsenic - ICP-Fusion	ug/g	104.2	< 5.00e-02	< 9.59e+02	< 9.43e+02	n/a	n/a	95.90	959.0	n/a	n/a
S961002045	F	Boron - ICP-Fusion	ug/g	104.0	< 5.00e-02	< 9.59e+02	< 9.43e+02	n/a	n/a	98.30	959.0	n/a	n/a
S961002045	F	Beryllium - ICP-Fusion	ug/g	105.4	< 5.00e-03	< 95.90	< 94.51	n/a	n/a	101.2	95.90	n/a	n/a
S961002045	F	Bismuth - ICP-Fusion	ug/g	104.1	< 1.00e-01	< 1.92e+03	< 1.89e+03	n/a	n/a	100.5	1.92e+03	n/a	n/a
S961002045	F	Calcium - ICP-Fusion	ug/g	104.0	< 1.00e-01	< 1.92e+03	< 1.89e+03	n/a	n/a	105.1	1.92e+03	n/a	n/a
S961002045	F	Cadmium - ICP-Fusion	ug/g	101.8	< 5.00e-03	< 95.90	< 94.51	n/a	n/a	100.0	95.90	n/a	n/a
S961002045	F	Cerium - ICP-Fusion	ug/g	107.0	< 1.00e-01	< 1.92e+03	< 1.89e+03	n/a	n/a	102.9	1.92e+03	n/a	n/a
S961002045	F	Chromium - ICP-Fusion	ug/g	102.6	< 2.00e-02	< 3.83e+02	< 3.77e+02	n/a	n/a	100.7	383.0	n/a	n/a
S961002045	F	Chromium - ICP-Fusion	ug/g	103.6	< 1.00e-02	< 3.51e+03	< 3.48e+03	3.50e+03	0.86	n/a	101.9	192.0	n/a
S961002045	F	Copper - ICP-Fusion	ug/g	106.8	< 1.00e-03	5.20e+02	< 1.89e+02	1.12e+03	6.22	n/a	100.8	959.0	n/a
S961002045	F	Iron - ICP-Fusion	ug/g	103.8	< 5.00e-03	1.15e+03	< 1.89e+02	1.12e+03	6.22	n/a	100.7	959.0	n/a
S961002045	F	Lanthanum - ICP-Fusion	ug/g	105.6	< 5.00e-02	< 9.59e+02	< 9.43e+02	n/a	n/a	93.90	192.0	n/a	n/a
S961002045	F	Lithium - ICP-Fusion	ug/g	102.2	< 1.00e-02	< 1.92e+02	< 1.89e+02	n/a	n/a	94.60	1.92e+03	n/a	n/a
S961002045	F	Magnesium - ICP-Fusion	ug/g	99.60	< 1.00e-01	< 1.92e+03	< 1.89e+03	n/a	n/a	93.90	192.0	n/a	n/a
S961002045	F	Manganese - ICP-Fusion	ug/g	100.0	< 1.00e-02	1.75e+03	< 1.74e+03	1.74e+03	1.72	n/a	95.90	192.0	n/a
S961002045	F	Molybdenum - ICP-Fusion	ug/g	103.0	< 5.00e-03	< 9.59e+02	< 9.43e+02	n/a	n/a	100.7	959.0	n/a	n/a
S961002045	F	Sodium - ICP-Fusion	ug/g	104.2	< 1.00e-01	< 1.92e+03	< 1.89e+03	1.40e+03	0.72	n/a	99.20	1.92e+03	n/a
S961002045	F	Neodymium - ICP-Fusion	ug/g	105.6	< 1.00e-01	< 1.92e+03	< 1.89e+03	2.70e+03	20.7	n/a	99.30	383.0	n/a
S961002045	F	Nickel - ICP-Fusion	ug/g	99.20	< 2.00e-01	2.63e+03	< 3.77e+03	2.98e+03	20.7	n/a	104.9	3.83e+03	n/a
S961002045	F	Phosphorus - ICP-Fusion	ug/g	100.8	< 1.00e-01	< 1.92e+03	< 1.89e+03	n/a	n/a	97.60	1.92e+03	n/a	n/a
S961002045	F	Sulfur - ICP-Fusion	ug/g	97.60	< 1.00e-01	< 1.92e+03	< 1.89e+03	n/a	n/a	95.10	1.92e+03	n/a	n/a
S961002045	F	Antimony - ICP-Fusion	ug/g	98.00	< 1.00e-02	< 1.15e+03	< 1.15e+03	n/a	n/a	95.10	1.92e+03	n/a	n/a
S961002045	F	Selenium - ICP-Fusion	ug/g	99.60	< 1.00e-02	< 1.92e+03	< 1.89e+03	1.03e+03	7.67	n/a	95.80	959.0	n/a
S961002045	F	Silicon - ICP-Fusion	ug/g	99.60	< 1.00e-02	< 1.92e+03	< 1.89e+03	1.03e+03	7.67	n/a	95.80	959.0	n/a
S961002045	F	Samarium - ICP-Fusion	ug/g	102.6	< 5.00e-02	9.91e+02	< 1.89e+03	2.28e+03	3.02	n/a	98.50	192.0	n/a
S961002045	F	Strontium - ICP-Fusion	ug/g	103.6	< 1.00e-01	< 1.92e+03	< 1.89e+03	231.5	n/a	98.50	192.0	n/a	n/a
S961002045	F	Titanium - ICP-Fusion	ug/g	101.2	< 1.00e-02	< 9.59e+02	< 9.43e+02	n/a	n/a	94.40	3.83e+03	n/a	n/a
S961002045	F	Thallium - ICP-Fusion	ug/g	99.80	< 2.00e-01	< 9.59e+02	< 9.43e+02	n/a	n/a	105.5	9.59e+03	n/a	n/a
S961002045	F	Uranium - ICP-Fusion	ug/g	103.2	< 5.00e-01	< 9.59e+02	< 9.43e+02	n/a	n/a	100.0	959.0	n/a	n/a
S961002045	F	Vanadium - ICP-Fusion	ug/g	103.2	< 5.00e-02	< 9.59e+02	< 9.43e+02	n/a	n/a	100.5	192.0	n/a	n/a
S961002045	F	Zinc - ICP-Fusion	ug/g	101.8	< 1.00e-02	< 1.92e+02	< 1.89e+02	n/a	n/a	98.30	192.0	n/a	n/a
S961002045	F	Zirconium - ICP-Fusion	ug/g	102.2	< 1.00e-02	< 1.92e+02	< 1.89e+02	n/a	n/a	98.30	192.0	n/a	n/a
S961002045	F	Cobalt - 60 by GEA	uc/g	99.29	< 2.50e-02	< 1.40e-01	< 1.40e-01	n/a	n/a	n/a	1.42e-01	n/a	n/a
S961002045	F	Cesium - 137 by GEA	uc/g	97.30	< 2.00e-01	< 1.50e-02	< 1.50e-02	150.8	1.53	n/a	n/a	1.46	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	RA#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count	Err%
5961002045	F	Europium-154 by GEA	uCi/g	n/a	< 1.99e-01	< 3.75e-01	< 5.14e-1	n/a	n/a	n/a	3.75e-01	n/a	n/a
5961002045	F	Europium-155 by GEA	uCi/g	n/a	< 2.12e-01	< 1.206	< 1.24e0	n/a	n/a	n/a	1.206	n/a	n/a
5961002045	F	Americium-241 by GEA	uCi/g	n/a	< 4.20e-01	< 2.537	< 2.49e0	n/a	n/a	n/a	2.537	n/a	n/a
5961002049	A	Silver - ICP-Acid Digest	ug/g	93.00	93.00	8.900	8.900	9.170	5.89	87.00	3.760	n/a	n/a
5961002049	A	Aluminum - ICP-Acid Digest	ug/g	93.80	8.30e-02	2.06e+04	1.72e+04	1.89e+04	18.0	n/a	18.80	n/a	n/a
5961002049	A	Arsenic - ICP-Acid Digest	ug/g	95.00	5.10e-01	< 3.760	< 3.89e1	n/a	n/a	87.80	37.60	n/a	n/a
5961002049	A	Boron - ICP-Acid Digest	ug/g	102.2	1.12e-01	62.60	59.40	61.00	5.25	90.14	18.80	n/a	n/a
5961002049	A	Barium - ICP-Acid Digest	ug/g	94.20	< 5.00e-03	< 19.20	20.90	20.05	8.48	86.96	18.80	n/a	n/a
5961002049	A	Beryllium - ICP-Acid Digest	ug/g	101.8	< 5.00e-03	< 1.880	< 1.95e0	n/a	n/a	90.00	1.880	n/a	n/a
5961002049	A	Bismuth - ICP-Acid Digest	ug/g	93.40	< 1.00e-01	< 37.60	< 3.89e1	n/a	n/a	91.40	37.60	n/a	n/a
5961002049	A	Calcium - ICP-Acid Digest	ug/g	96.60	1.79e-01	2.41e+02	4.19	330.0	53.9	97.22	37.60	n/a	n/a
5961002049	A	Cadmium - ICP-Acid Digest	ug/g	91.80	< 5.00e-03	< 2.050	< 2.320	2.185	12.4	85.78	1.880	n/a	n/a
5961002049	A	Cerium - ICP-Acid Digest	ug/g	99.80	< 1.00e-01	< 37.60	< 3.89e1	n/a	n/a	94.00	37.60	n/a	n/a
5961002049	A	Cobalt - ICP-Acid Digest	ug/g	94.60	< 1.00e-02	< 7.530	< 7.79e0	n/a	n/a	87.60	7.530	n/a	n/a
5961002049	A	Chromium - ICP-Acid Digest	ug/g	93.60	< 1.00e-02	2.84e+03	2.91e+03	2.88e+03	2.43	98.66	3.760	n/a	n/a
5961002049	A	Copper - ICP-Acid Digest	ug/g	94.00	1.40e-02	8.490	4.99e+02	510.5	4.72	86.30	3.760	n/a	n/a
5961002049	A	Iron - ICP-Acid Digest	ug/g	95.60	7.40e-02	4.99e+02	522.0	510.5	4.51	90.76	18.80	n/a	n/a
5961002049	A	Potassium - ICP-Acid Digest	ug/g	88.60	< 5.00e-01	8.95e+02	811.0	853.0	9.85	76.86	188.0	n/a	n/a
5961002049	A	Lanthanum - ICP-Acid Digest	ug/g	96.60	< 1.00e-02	< 18.80	< 1.95e1	n/a	n/a	91.00	18.80	n/a	n/a
5961002049	A	Lithium - ICP-Acid Digest	ug/g	89.00	< 1.00e-01	< 37.60	40.70	n/a	n/a	86.40	37.60	n/a	n/a
5961002049	A	Magnesium - ICP-Acid Digest	ug/g	91.00	< 1.00e-02	1.36e+03	1.49e+03	1.42e+03	9.12	105.2	3.760	n/a	n/a
5961002049	A	Manganese - ICP-Acid Digest	ug/g	93.80	< 5.00e-02	30.60	30.20	30.40	1.32	85.16	18.80	n/a	n/a
5961002049	A	Molybdenum - ICP-Acid Digest	ug/g	110.6	8.33e-01	1.22e+05	1.21e+05	1.22e+05	0.82	n/a	37.60	n/a	n/a
5961002049	A	Sodium - ICP-Acid Digest	ug/g	97.00	< 1.00e-01	< 37.60	< 3.89e1	n/a	n/a	92.20	37.60	n/a	n/a
5961002049	A	Neodymium - ICP-Acid Digest	ug/g	94.60	< 2.00e-02	50.40	52.80	51.60	4.65	88.24	7.530	n/a	n/a
5961002049	A	Nickel - ICP-Acid Digest	ug/g	98.40	< 2.00e-02	1.40e+03	1.51e+03	1.46e+03	7.56	105.3	75.30	n/a	n/a
5961002049	A	Phosphorus - ICP-Acid Digest	ug/g	89.60	< 1.00e-01	< 37.60	< 3.89e1	n/a	n/a	86.80	37.60	n/a	n/a
5961002049	A	Lead - ICP-Acid Digest	ug/g	93.20	1.04e-01	4.23e+02	4.29e1	426.0	1.41	88.28	37.60	n/a	n/a
5961002049	A	Antimony - ICP-Acid Digest	ug/g	95.20	< 5.00e-02	< 22.60	< 2.34e1	n/a	n/a	89.60	22.60	n/a	n/a
5961002049	A	Selenium - ICP-Acid Digest	ug/g	90.00	< 1.00e-01	< 37.60	< 3.89e1	n/a	n/a	85.20	37.60	n/a	n/a
5961002049	A	Samarium - ICP-Acid Digest	ug/g	94.20	< 1.00e-01	< 37.60	< 3.89e1	n/a	n/a	88.00	37.60	n/a	n/a
5961002049	A	Strontium - ICP-Acid Digest	ug/g	94.60	< 1.00e-02	1.58e+02	171.0	164.5	7.90	88.00	3.760	n/a	n/a
5961002049	A	Titanium - ICP-Acid Digest	ug/g	87.80	< 1.00e-02	< 3.880	< 3.89e0	n/a	n/a	81.58	3.760	n/a	n/a
5961002049	A	Thallium - ICP-Acid Digest	ug/g	88.80	< 2.00e-01	< 75.30	< 77.9e1	n/a	n/a	82.80	75.30	n/a	n/a
5961002049	A	Uranium - ICP-Acid Digest	ug/g	92.50	< 5.00e-01	3.86e+03	4.18e+03	4.02e+03	7.96	100.7	188.0	n/a	n/a
5961002049	A	Vanadium - ICP-Acid Digest	ug/g	93.20	< 5.00e-02	< 18.80	< 1.95e1	n/a	n/a	86.80	18.80	n/a	n/a
5961002049	A	Zinc - ICP-Acid Digest	ug/g	90.20	2.20e-02	15.70	19.40	17.55	21.1	84.72	3.760	n/a	n/a
5961002049	A	Zirconium - ICP-Acid Digest	ug/g	101.2	< 1.00e-02	18.10	19.90	19.00	9.47	93.48	3.760	n/a	n/a
5961003326	W	Fluoride-IC-Dioxex 40001/4500	ug/g	100.5	< 1.50e-02	1.02e+02	9.70	100.3	3.29	82.03	51.47	n/a	n/a
5961003326	W	Chloride-IC-Dioxex 40001/4500	ug/g	92.78	< 1.70e-02	5.28e+03	3.70e+03	4.40e+03	35.2	38.23	67.31	n/a	n/a
5961003326	W	Bromide by Ion Chromatograph	ug/g	99.48	< 1.26e-01	< 4.99e+02	< 4.90e2	n/a	n/a	98.09	498.8	n/a	n/a
5961003326	W	Nitrate by IC-Dioxex40001/4500	ug/g	98.70	< 1.40e-01	1.70e+05	1.61e+05	1.66e+05	5.44	99.51	553.8	n/a	n/a
5961003326	W	Sulfate by IC-Dioxex40001/4500	ug/g	97.62	< 1.19e-01	4.76e+03	5.40e+03	5.08e+03	12.6	102.9	470.6	n/a	n/a
5961003326	W	Sulfate by IC-Dioxex40001/4500	ug/g	99.68	< 1.35e-01	1.35e+03	1.44e+03	1.40e+03	16.9	98.89	538.0	n/a	n/a
5961003326	W	Oxalate by IC - Dioxex 40001	ug/g	103.3	< 1.05e-01	4.12e+03	3.80e+03	3.96e+03	8.08	103.9	415.6	n/a	n/a

L Lower Half of Segment: L Lower Half of Segment

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T001954		Bulk Density of Sample	g/ml	n/a	n/a	1.670	n/a	n/a	n/a	n/a	5.00e-01	n/a
S96T001959		DSC Exotherm Dry Calculated	Joules/g	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S96T001959		DSC Exotherm on Perkin Elmer	Joules/g	99.16	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S96T001959		% Water by TGA on Perkin Elmer	%	99.17	n/a	68.84	37.11	52.98	59.9	n/a	n/a	n/a
S96T001959.1		% Water by TGA on Perkin Elmer	%	99.46	n/a	36.38	36.38	36.59	1.18	n/a	n/a	n/a
S96T002047		F Silver - ICP-Fusion	ug/g	101.0	<1.00e-02	<2.07e+02	<1.91e2	96.20	96.20	n/a	207.0	n/a
S96T002047		F Aluminum - ICP-Fusion	ug/g	99.80	<5.00e-02	8.51e+04	9.56e+04	9.56e+04	21.9	90.20	1.04e+03	n/a
S96T002047		F Arsenic - ICP-Fusion	ug/g	104.2	<1.00e-01	<2.07e+03	<1.91e3	n/a	n/a	102.4	2.07e+03	n/a
S96T002047		F Boron - ICP-Fusion	ug/g	101.0	<5.00e-02	<1.04e+03	<9.53e2	n/a	n/a	97.30	1.04e+03	n/a
S96T002047		F Barium - ICP-Fusion	ug/g	104.0	<5.00e-02	<1.04e+03	<9.53e2	n/a	n/a	99.00	1.04e+03	n/a
S96T002047		F Beryllium - ICP-Fusion	ug/g	105.4	<5.00e-03	<1.04e+02	<9.53e1	n/a	n/a	101.0	104.0	n/a
S96T002047		F Bismuth - ICP-Fusion	ug/g	104.4	<1.00e-01	<2.07e+03	<1.91e3	n/a	n/a	102.0	2.07e+03	n/a
S96T002047		F Calcium - ICP-Fusion	ug/g	104.0	<1.00e-01	<2.07e+03	<1.91e3	n/a	n/a	103.9	2.07e+03	n/a
S96T002047		F Cadmium - ICP-Fusion	ug/g	101.8	<5.00e-03	<1.04e+02	<9.53e1	n/a	n/a	100.0	104.0	n/a
S96T002047		F Cerium - ICP-Fusion	ug/g	107.0	<1.00e-01	<2.07e+03	<1.91e3	n/a	n/a	102.7	2.07e+03	n/a
S96T002047		F Cobalt - ICP-Fusion	ug/g	102.6	<1.00e-02	<4.15e+02	<3.81e2	n/a	n/a	101.6	415.0	n/a
S96T002047		F Chromium - ICP-Fusion	ug/g	103.6	<1.00e-02	<2.07e+02	<1.91e2	2.35e+03	21.3	101.6	207.0	n/a
S96T002047		F Copper - ICP-Fusion	ug/g	106.8	<1.00e-02	<2.07e+02	<1.91e2	1.38e+03	22.6	101.3	1.04e+03	n/a
S96T002047		F Iron - ICP-Fusion	ug/g	103.8	<5.00e-02	<1.04e+03	<9.53e2	n/a	n/a	95.60	207.0	n/a
S96T002047		F Lanthanum - ICP-Fusion	ug/g	102.4	<1.00e-02	<2.07e+02	<1.91e2	n/a	n/a	97.80	2.07e+03	n/a
S96T002047		F Lithium - ICP-Fusion	ug/g	99.60	<1.00e-01	<2.07e+03	<1.91e3	1.94e+03	20.1	96.20	207.0	n/a
S96T002047		F Magnesium - ICP-Fusion	ug/g	100.4	<1.00e-02	<1.04e+03	<9.53e2	n/a	n/a	100.7	1.04e+03	n/a
S96T002047		F Manganese - ICP-Fusion	ug/g	103.0	<5.00e-02	<1.04e+03	<9.53e2	2.85e+03	99.6	99.90	415.0	n/a
S96T002047		F Molybdenum - ICP-Fusion	ug/g	106.2	<1.00e-01	<2.07e+03	<1.91e3	1.24e+05	23.5	98.30	2.07e+03	n/a
S96T002047		F Neodymium - ICP-Fusion	ug/g	101.6	<1.00e-01	<2.07e+03	<1.91e3	2.85e+03	99.6	99.90	415.0	n/a
S96T002047		F Nickel - ICP-Fusion	ug/g	102.0	<1.34e-01	8.51e+03	<3.81e3	n/a	n/a	101.5	1.04e+03	n/a
S96T002047		F Phosphorus - ICP-Fusion	ug/g	99.20	<2.00e-01	<4.15e+03	<3.81e3	n/a	n/a	102.2	2.07e+03	n/a
S96T002047		F Sulfur - ICP-Fusion	ug/g	100.8	<1.00e-01	<2.07e+03	<1.91e3	n/a	n/a	98.00	2.07e+03	n/a
S96T002047		F Antimony - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.07e+03	<1.91e3	n/a	n/a	96.00	1.24e+03	n/a
S96T002047		F Selenium - ICP-Fusion	ug/g	98.00	<5.00e-02	<1.24e+03	<1.14e3	n/a	n/a	98.10	1.24e+03	n/a
S96T002047		F Silicon - ICP-Fusion	ug/g	99.60	<1.00e-01	<2.07e+03	<1.91e3	n/a	n/a	102.0	2.07e+03	n/a
S96T002047		F Samarium - ICP-Fusion	ug/g	102.8	<1.00e-01	<2.07e+03	<1.91e3	1.31e+03	16.5	95.60	1.04e+03	n/a
S96T002047		F Strontium - ICP-Fusion	ug/g	103.6	<1.00e-01	<2.07e+03	<1.91e3	n/a	n/a	97.80	2.07e+03	n/a
S96T002047		F Titanium - ICP-Fusion	ug/g	101.2	<1.00e-02	<2.34e+02	<2.91e2	262.5	21.7	99.40	207.0	n/a
S96T002047		F Vanadium - ICP-Fusion	ug/g	99.80	<2.00e-01	<4.15e+03	<3.81e3	n/a	n/a	98.50	207.0	n/a
S96T002047		F Uranium - ICP-Fusion	ug/g	103.2	<5.00e-01	<1.04e+04	<9.53e3	n/a	n/a	95.60	4.15e+03	n/a
S96T002047		F Zirconium - ICP-Fusion	ug/g	102.0	<5.00e-02	<1.04e+03	<9.53e2	n/a	n/a	105.1	1.04e+04	n/a
S96T002047		F Zinc - ICP-Fusion	ug/g	101.8	<1.00e-02	<2.07e+02	<1.91e2	n/a	n/a	100.0	1.04e+03	n/a
S96T002047		F Cobalt - 60 by GEA	uc/g	102.2	<1.00e-02	<2.07e+02	<1.91e2	n/a	n/a	98.30	207.0	n/a
S96T002047		F Cesium-137 by GEA	uc/g	101.4	<2.94e-02	98.14	113.0	105.6	14.1	n/a	2.00e-02	n/a
S96T002047		F Europium-154 by GEA	uc/g	n/a	<9.04e-01	<9.04e-01	<9.04e-01	n/a	n/a	n/a	n/a	0.520
S96T002047		F Europium-155 by GEA	uc/g	n/a	<6.12e-02	<1.98e-01	<2.00e-1	n/a	n/a	n/a	1.98e-01	n/a
S96T002047		F Americium-241 by GEA	uc/g	n/a	<3.03e-02	<1.11e-01	<1.25e-1	n/a	n/a	n/a	1.11e-01	n/a
S96T002047		F Alpha of Digested Solid	uc/g	106.2	<2.63e-02	2.75e-01	<2.75e-01	2.75e-01	0.00	n/a	3.60e-02	2.27e+01
S96T002050		A Silver - ICP-Acid Digest	ug/g	93.00	<1.00e-02	9.600	9.990	9.795	3.98	n/a	3.710	n/a

Sample#	Analyste	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
5961002050	A	Aluminum - ICP-Acid Digest	95.80	8.30e-02	1.68e+04	1.52e+04	1.60e+04	10.0	N/A	18.50	N/A
5961002050	A	Arsenic - ICP-Acid Digest	95.00	1.03e-01	< 37.10	< 4.09e1	77.40	63.6	N/A	37.10	N/A
5961002050	A	Boron - ICP-Acid Digest	102.2	5.12e-01	52.80	102.0	77.40	63.6	N/A	18.50	N/A
5961002050	A	Barium - ICP-Acid Digest	94.50	< 5.00e-02	24.40	27.10	25.75	10.5	N/A	18.50	N/A
5961002050	A	Beryllium - ICP-Acid Digest	10.8	< 5.00e-03	1.850	< 2.04e0	N/A	N/A	N/A	1.850	N/A
5961002050	A	Bismuth - ICP-Acid Digest	93.40	< 1.00e-01	< 37.10	< 4.09e1	418.5	12.2	N/A	37.10	N/A
5961002050	A	Calcium - ICP-Acid Digest	94.90	1.79e-01	3.93e+02	444.0	N/A	N/A	N/A	1.850	N/A
5961002050	A	Cadmium - ICP-Acid Digest	91.80	< 5.00e-03	1.850	< 2.04e0	N/A	N/A	N/A	1.850	N/A
5961002050	A	Cerium - ICP-Acid Digest	91.80	< 1.00e-01	37.10	< 4.09e1	N/A	N/A	N/A	37.10	N/A
5961002050	A	Cobalt - ICP-Acid Digest	93.60	< 2.00e-02	7.420	< 8.18e0	2.30e+03	1.31	N/A	7.420	N/A
5961002050	A	Chromium - ICP-Acid Digest	93.60	1.00e-02	2.31e+03	2.28e+03	2.30e+03	19.05	78.2	3.710	N/A
5961002050	A	Copper - ICP-Acid Digest	92.00	7.40e-02	11.60	26.50	661.0	8.77	N/A	18.50	N/A
5961002050	A	Iron - ICP-Acid Digest	95.60	< 5.00e-02	6.32e+02	690.0	796.5	7.41	N/A	18.50	N/A
5961002050	A	Potassium - ICP-Acid Digest	98.80	< 5.00e-03	8.26e+02	767.0	N/A	N/A	N/A	18.50	N/A
5961002050	A	Lanthanum - ICP-Acid Digest	96.80	< 1.00e-02	< 37.10	< 4.09e1	N/A	N/A	N/A	3.710	N/A
5961002050	A	Lithium - ICP-Acid Digest	89.00	< 1.00e-02	1.79e+03	1.99e+03	59.95	46.5	N/A	37.10	N/A
5961002050	A	Magnesium - ICP-Acid Digest	91.00	< 1.00e-02	27.70	26.30	27.00	5.19	N/A	18.50	N/A
5961002050	A	Manganese - ICP-Acid Digest	93.80	< 5.00e-02	1.23e+05	1.23e+05	1.23e+05	0.00	N/A	37.10	N/A
5961002050	A	Molybdenum - ICP-Acid Digest	110.4	8.33e-01	< 37.10	< 4.09e1	N/A	N/A	N/A	37.10	N/A
5961002050	A	Sodium - ICP-Acid Digest	97.00	< 1.00e-01	58.00	61.40	59.70	5.70	N/A	7.420	N/A
5961002050	A	Neodymium - ICP-Acid Digest	98.40	< 2.00e-02	1.22e+03	1.28e+03	1.25e+03	4.80	N/A	7.420	N/A
5961002050	A	Nickel - ICP-Acid Digest	98.00	< 2.00e-01	< 37.10	< 4.09e1	420.0	1.43	N/A	37.10	N/A
5961002050	A	Phosphorus - ICP-Acid Digest	89.40	1.00e-01	4.23e+02	417.0	N/A	N/A	N/A	22.30	N/A
5961002050	A	Sulfur - ICP-Acid Digest	93.20	< 5.00e-02	< 37.10	< 4.09e1	N/A	N/A	N/A	37.10	N/A
5961002050	A	Antimony - ICP-Acid Digest	90.20	< 1.00e-01	< 37.10	< 4.09e1	N/A	N/A	N/A	37.10	N/A
5961002050	A	Selenium - ICP-Acid Digest	92.20	< 1.00e-01	< 37.10	< 4.09e1	N/A	N/A	N/A	37.10	N/A
5961002050	A	Samarium - ICP-Acid Digest	94.60	< 1.00e-02	2.09e+02	233.0	221.0	10.9	N/A	37.10	N/A
5961002050	A	Strontium - ICP-Acid Digest	87.80	< 1.00e-02	4.040	4.800	4.420	17.2	N/A	37.10	N/A
5961002050	A	Titanium - ICP-Acid Digest	88.80	< 2.00e-01	< 74.20	< 8.18e1	N/A	N/A	N/A	74.20	N/A
5961002050	A	Thallium - ICP-Acid Digest	92.50	< 5.00e-01	5.09e+03	5.68e+03	5.38e+03	11.0	N/A	185.0	N/A
5961002050	A	Uranium - ICP-Acid Digest	93.20	< 5.00e-02	< 18.50	< 2.04e1	N/A	N/A	N/A	18.50	N/A
5961002050	A	Vanadium - ICP-Acid Digest	90.20	2.20e-02	17.00	24.90	20.95	37.7	N/A	37.10	N/A
5961002050	A	Zinc - ICP-Acid Digest	101.2	< 1.00e-02	23.00	26.80	25.30	11.9	N/A	37.10	N/A
5961003327	W	Fluoride by IC-Dionex 4000/14500	100.5	< 1.30e-02	95.93	88.00	91.97	8.59	N/A	53.68	N/A
5961003327	W	Chloride by IC-Dionex 4000/14500	92.78	< 1.70e-02	3.53e+03	3.15e+03	3.34e+03	11.4	N/A	70.18	N/A
5961003327	W	Bromide by Ion Chromatography	98.70	< 1.24e-01	< 5.00e+02	< 5.15e2	1.58e+05	1.92	N/A	520.2	N/A
5961003327	W	Nitrate by IC-Dionex4000/14500	99.48	< 1.19e-01	3.66e+03	3.63e+03	1.57e+05	0.82	N/A	490.8	N/A
5961003327	W	Phosphate by IC-Dionex 4000/14500	99.68	< 1.36e-01	1.00e+03	989.0	997.0	1.11	N/A	561.1	N/A
5961003327	W	Sulfate by IC-Dionex4000/14500	103.3	< 1.05e-01	1.55e+03	1.37e+03	1.46e+03	12.3	N/A	433.4	N/A

WHC-SD-WM-DP-185, REV. 0

Table 4. Data Summary Table
S-101

CORE NUMBER: 138
SEGMENT #: 7

SEGMENT PORTION: U Upper Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002164		Bulk Density of Sample	g/mL	n/a	n/a	1.740	n/a	n/a	n/a	n/a	5.00e-01	n/a
S96T002167		DSC Exotherm DRY Calculated	Joules/g DRY	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S96T002167		DSC Exotherm on Perkin Elmer	Joules/g	94.31	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S96T002167		% Water by TGA on Perkin Elmer	Joules/g	98.02	n/a	38.19	37.49	37.84	1.85	n/a	n/a	n/a
S96T002193	F	Silver - ICP-Fusion	ug/g	98.60	<1.00e-02	<2.12e2	<2.12e2	n/a	n/a	90.00	208.0	n/a
S96T002193	F	Aluminum - ICP-Fusion	ug/g	97.60	<5.00e-02	1.07e+05	1.09e+05	1.08e+05	1.85	96.00	1.04e+03	n/a
S96T002193	F	Arsenic - ICP-Fusion	ug/g	102.4	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	101.2	2.08e+03	n/a
S96T002193	F	Boron - ICP-Fusion	ug/g	100.0	<5.00e-02	<1.04e+03	<1.06e3	n/a	n/a	95.60	1.04e+03	n/a
S96T002193	F	Beryllium - ICP-Fusion	ug/g	99.20	<5.00e-02	<1.04e+03	<1.06e3	n/a	n/a	96.60	1.04e+03	n/a
S96T002193	F	Bismuth - ICP-Fusion	ug/g	102.8	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	97.80	2.08e+03	n/a
S96T002193	F	Calcium - ICP-Fusion	ug/g	101.0	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	100.5	2.08e+03	n/a
S96T002193	F	Cadmium - ICP-Fusion	ug/g	98.40	<5.00e-03	<1.06e2	<1.06e2	n/a	n/a	96.30	104.0	n/a
S96T002193	F	Cerium - ICP-Fusion	ug/g	102.2	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	100.7	2.08e+03	n/a
S96T002193	F	Cobalt - ICP-Fusion	ug/g	98.80	<2.00e-02	<4.16e+02	<4.25e2	n/a	n/a	98.00	416.0	n/a
S96T002193	F	Chromium - ICP-Fusion	ug/g	104.0	<1.00e-02	<2.34e+03	<2.33e+03	2.34e+03	0.43	98.00	208.0	n/a
S96T002193	F	Copper - ICP-Fusion	ug/g	100.6	<5.00e-02	<2.08e+02	<2.12e2	n/a	n/a	101.5	208.0	n/a
S96T002193	F	Iron - ICP-Fusion	ug/g	100.2	<5.00e-02	<1.04e+03	<1.06e3	1.50e+03	3.32	97.80	1.04e+03	n/a
S96T002193	F	Lanthanum - ICP-Fusion	ug/g	102.6	<1.00e-02	<2.08e+02	<2.12e2	n/a	n/a	98.80	1.04e+03	n/a
S96T002193	F	Lithium - ICP-Fusion	ug/g	97.40	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	94.90	2.08e+03	n/a
S96T002193	F	Magnesium - ICP-Fusion	ug/g	97.20	<1.00e-02	<2.33e+03	<2.37e+03	2.35e+03	1.70	93.20	208.0	n/a
S96T002193	F	Manganese - ICP-Fusion	ug/g	99.80	<5.00e-02	<1.04e+03	<1.06e3	n/a	n/a	97.80	1.04e+03	n/a
S96T002193	F	Molybdenum - ICP-Fusion	ug/g	100.6	<1.00e-01	<2.08e+03	<2.12e3	1.36e+05	1.47	101.6	2.08e+03	n/a
S96T002193	F	Sodium - ICP-Fusion	ug/g	102.0	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	100.5	2.08e+03	n/a
S96T002193	F	Neodymium - ICP-Fusion	ug/g	98.60	<7.00e-02	<3.24e+03	<3.24e+03	7.37e+03	112	95.40	416.0	n/a
S96T002193	F	Nickel - ICP-Fusion	ug/g	97.60	<2.00e-01	<4.16e+03	<4.25e3	n/a	n/a	100.5	4.16e+03	n/a
S96T002193	F	Lead - ICP-Fusion	ug/g	98.00	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	96.30	2.08e+03	n/a
S96T002193	F	Sulfur - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	93.90	2.08e+03	n/a
S96T002193	F	Antimony - ICP-Fusion	ug/g	95.00	<6.00e-02	<1.25e+03	<1.27e3	n/a	n/a	99.50	2.08e+03	n/a
S96T002193	F	Selenium - ICP-Fusion	ug/g	98.60	<1.00e-01	<2.08e+03	<2.12e3	n/a	n/a	98.80	2.08e+03	n/a
S96T002193	F	Strontium - ICP-Fusion	ug/g	99.00	<1.00e-02	<2.08e+03	<2.12e3	n/a	n/a	94.40	2.08e+03	n/a
S96T002193	F	Thallium - ICP-Fusion	ug/g	97.00	<1.00e-02	<3.19e+02	<3.25e2	322.0	1.86	97.00	208.0	n/a
S96T002193	F	Titanium - ICP-Fusion	ug/g	95.00	<2.00e-01	<4.16e+03	<4.25e3	n/a	n/a	95.60	208.0	n/a
S96T002193	F	Uranium - ICP-Fusion	ug/g	97.10	<5.00e-02	<1.04e+03	<1.06e3	n/a	n/a	91.00	4.16e+03	n/a
S96T002193	F	Vanadium - ICP-Fusion	ug/g	99.60	<1.00e-02	<2.08e+02	<2.12e2	n/a	n/a	104.2	1.04e+04	n/a
S96T002193	F	Zinc - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.08e+02	<2.12e2	n/a	n/a	97.10	1.04e+03	n/a
S96T002193	F	Zirconium - ICP-Fusion	ug/g	97.80	<1.00e-02	<2.08e+02	<2.12e2	n/a	n/a	98.30	208.0	n/a
S96T002193	F	Cobalt - 60 by GEA	uCi/g	103.2	<1.19e-01	<1.26e-01	<9.43e-2	n/a	n/a	95.40	1.26e-01	n/a
S96T002193	F	Cesium-137 by GEA	uCi/g	105.1	<1.00e-01	<1.11e+02	111.0	110.8	0.00	n/a	n/a	1.48
S96T002193	F	Europium-154 by GEA	uCi/g	n/a	<3.47e-01	<5.57e-01	<4.07e-1	n/a	n/a	n/a	5.57e-01	n/a

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S661002193	F	Europtium-155 by GEA	uCi/g	< 3.32e-01		< 9.48e-01	< 9.48e-01	n/a	n/a	n/a	9.48e-01	n/a
S661002193	F	Europtium-155 by GEA	uCi/g	n/a	< 3.32e-01	< 9.48e-01	< 9.48e-01	n/a	n/a	n/a	9.48e-01	n/a
S661002193	F	Amertium-241 by GEA	uCi/g	94.30	< 1.00e-02	2.437	< 2.437	9.390	6.39	89.30	2.437	n/a
S661002193	A	Silver - ICP-Acid Digest	ug/g	96.60	9.50e-02	1.63e+04	1.63e+04	1.87e+04	25.7	n/a	22.00	n/a
S661002193	A	Aluminum - ICP-Acid Digest	ug/g	96.60	< 1.00e-01	< 44.00	< 44.00	n/a	n/a	89.20	44.00	n/a
S661002193	A	Arsenic - ICP-Acid Digest	ug/g	104.0	5.59e-01	64.50	90.90	77.70	34.0	87.74	22.00	n/a
S661002193	A	Boron - ICP-Acid Digest	ug/g	96.20	< 5.00e-02	28.20	28.90	28.55	2.45	88.84	22.00	n/a
S661002193	A	Barium - ICP-Acid Digest	ug/g	100.8	< 5.00e-01	< 2.200	< 2.200	n/a	n/a	90.40	2.200	n/a
S661002193	A	Beryllium - ICP-Acid Digest	ug/g	93.20	< 1.00e-01	< 44.00	< 44.00	n/a	n/a	91.40	44.00	n/a
S661002193	A	Bismuth - ICP-Acid Digest	ug/g	92.60	1.76e-01	3.97e+02	290.0	343.5	31.1	75.32	44.00	n/a
S661002193	A	Calcium - ICP-Acid Digest	ug/g	92.60	< 5.00e-02	< 2.200	< 2.200	n/a	n/a	87.40	2.200	n/a
S661002193	A	Calcium - ICP-Acid Digest	ug/g	100.8	< 1.00e-01	< 44.00	< 44.00	n/a	n/a	96.00	44.00	n/a
S661002193	A	Cadmium - ICP-Acid Digest	ug/g	95.40	< 5.00e-02	< 2.200	< 2.200	n/a	n/a	87.40	2.200	n/a
S661002193	A	Cobalt - ICP-Acid Digest	ug/g	94.80	< 1.00e-02	8.800	< 8.800	2.04e+03	1.47	104.5	4.400	n/a
S661002193	A	Chromium - ICP-Acid Digest	ug/g	94.80	< 1.00e-02	2.02e+03	2.05e+03	2.04e+03	1.77	87.20	4.400	n/a
S661002193	A	Copper - ICP-Acid Digest	ug/g	94.20	1.46e-01	17.60	15.70	16.65	11.4	92.30	22.00	n/a
S661002193	A	Potassium - ICP-Acid Digest	ug/g	89.20	< 5.00e-01	7.85e+02	667.0	778.0	2.06	84.72	22.00	n/a
S661002193	A	Lanthanum - ICP-Acid Digest	ug/g	98.20	< 5.00e-02	< 22.00	< 22.00	666.0	0.30	92.60	22.00	n/a
S661002193	A	Lithium - ICP-Acid Digest	ug/g	98.20	< 1.00e-01	< 44.00	< 44.00	n/a	n/a	90.20	44.00	n/a
S661002193	A	Magnesium - ICP-Acid Digest	ug/g	89.40	< 1.00e-01	< 44.00	< 44.00	n/a	n/a	86.00	44.00	n/a
S661002193	A	Manganese - ICP-Acid Digest	ug/g	91.80	< 1.00e-02	2.05e+03	2.11e+03	2.08e+03	2.88	105.8	4.400	n/a
S661002193	A	Molybdenum - ICP-Acid Digest	ug/g	94.80	< 5.00e-02	< 22.00	< 22.00	n/a	n/a	89.00	22.00	n/a
S661002193	A	Sodium - ICP-Acid Digest	ug/g	116.6	8.10e-01	1.15e+05	1.16e+05	1.16e+05	0.87	983.5	44.00	n/a
S661002193	A	Neodymium - ICP-Acid Digest	ug/g	98.00	< 2.00e-02	< 44.00	< 44.00	n/a	n/a	94.00	44.00	n/a
S661002193	A	Nickel - ICP-Acid Digest	ug/g	95.40	< 2.00e-02	8.88e+02	891.0	889.5	0.34	104.2	88.00	n/a
S661002193	A	Phosphorus - ICP-Acid Digest	ug/g	100.2	< 1.00e-01	< 44.00	< 44.00	n/a	n/a	88.60	44.00	n/a
S661002193	A	Lead - ICP-Acid Digest	ug/g	94.60	< 1.00e-01	3.96e+02	381.0	388.5	3.86	89.38	44.00	n/a
S661002193	A	Sulfur - ICP-Acid Digest	ug/g	96.20	< 5.00e-02	< 26.40	< 27.00	n/a	n/a	91.40	26.40	n/a
S661002193	A	Antimony - ICP-Acid Digest	ug/g	91.20	< 1.00e-01	< 44.00	< 44.00	n/a	n/a	85.40	44.00	n/a
S661002193	A	Selenium - ICP-Acid Digest	ug/g	95.60	< 1.00e-01	< 44.00	< 44.00	n/a	n/a	88.80	44.00	n/a
S661002193	A	Samarium - ICP-Acid Digest	ug/g	95.80	< 1.00e-02	2.42e+02	246.0	244.0	1.64	90.80	4.400	n/a
S661002193	A	Strontium - ICP-Acid Digest	ug/g	89.20	< 1.00e-02	5.600	4.990	5.295	11.5	83.10	4.400	n/a
S661002193	A	Tantalum - ICP-Acid Digest	ug/g	89.60	< 5.00e-01	< 88.00	< 88.00	n/a	n/a	114.5	88.00	n/a
S661002193	A	Uranium - ICP-Acid Digest	ug/g	93.80	< 5.00e-01	5.86e+03	5.96e+03	5.91e+03	1.69	881.20	220.0	n/a
S661002193	A	Vanadium - ICP-Acid Digest	ug/g	94.40	< 5.00e-02	< 22.00	< 22.00	n/a	n/a	88.60	22.00	n/a
S661002193	A	Zinc - ICP-Acid Digest	ug/g	91.40	< 2.00e-02	< 44.00	< 44.00	n/a	n/a	95.12	44.00	n/a
S661002193	A	Zinc - ICP-Acid Digest	ug/g	102.8	< 1.00e-02	27.20	27.60	27.40	1.46	95.12	44.00	n/a
S661003497	F	Fluoride - IC-Dioxex 40001/4500	ug/g	100.5	< 3.00e-02	54.23	91.70	n/a	n/a	94.75	54.22	n/a
S661003497	F	Chloride - IC-Dioxex 40001/4500	ug/g	92.78	< 1.00e-02	3.66e+02	< 3.66e+02	3.12e+03	4.16	97.59	70.92	n/a
S661003497	F	Bromide by Ion Chromatography	ug/g	99.48	< 2.6e-01	5.26e+02	< 5.26e+02	n/a	n/a	99.13	525.6	n/a
S661003497	F	Nitrate by IC-Dioxex 40001/4500	ug/g	98.70	< 4.00e-01	1.61e+05	1.61e+05	1.66e+05	6.02	101.3	583.6	n/a
S661003497	F	Phosphate - IC-Dioxex 40001/4500	ug/g	97.43	< 1.9e-01	2.67e+03	2.66e+03	2.67e+03	0.38	103.1	496.0	n/a
S661003497	F	Sulfate by IC-Dioxex 40001/4500	ug/g	99.48	< 3.6e-01	9.74e+02	1.17e+03	1.07e+03	18.3	102.1	567.0	n/a
S661003497	F	Oxalate by IC - Dioxex 40001	ug/g	103.3	< 1.05e-01	< 4.38e+02	< 4.38e+02	n/a	n/a	106.3	438.1	n/a

WHC-SD-WM-DP-185, REV. 0

L Lower Half of Segment: L Lower Half of Segment

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002165		Bulk Density of Sample	g/mL	n/a	n/a	1.780	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002166		DSC Exotherm DRY, Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002166		DSC Exotherm on Perkin Elmer	Joules/g	94.31	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002166		% Water by TGA on Perkin Elmer	g/g	98.02	n/a	32.36	30.46	31.41	6.05	n/a	200.0	n/a
S961002202	F	Silver - ICP-Fusion	ug/g	98.60	<1.00e-02	<2.00e-02	<2.00e-02	1.18e+05	0.84	88.80	998.0	n/a
S961002202	F	Aluminum - ICP-Fusion	ug/g	97.60	<5.00e-02	1.19e+05	1.18e+05	1.18e+05	0.84	104.5	998.0	n/a
S961002202	F	Arsenic - ICP-Fusion	ug/g	102.4	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	99.30	2.00e+03	n/a
S961002202	F	Boron - ICP-Fusion	ug/g	100.0	<5.00e-02	<9.98e+02	<1.00e-03	n/a	n/a	96.10	998.0	n/a
S961002202	F	Barium - ICP-Fusion	ug/g	99.20	<5.00e-02	<9.98e+02	<1.00e-03	n/a	n/a	96.10	998.0	n/a
S961002202	F	Beryllium - ICP-Fusion	ug/g	102.8	<1.00e-03	<9.98e+02	<1.00e-03	n/a	n/a	98.50	99.80	n/a
S961002202	F	Bismuth - ICP-Fusion	ug/g	100.8	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	101.0	2.00e+03	n/a
S961002202	F	Calcium - ICP-Fusion	ug/g	101.0	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	99.80	2.00e+03	n/a
S961002202	F	Cadmium - ICP-Fusion	ug/g	98.40	<5.00e-03	<9.98e+02	<2.00e+03	n/a	n/a	95.40	99.80	n/a
S961002202	F	Cerium - ICP-Fusion	ug/g	102.2	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	99.30	2.00e+03	n/a
S961002202	F	Cobalt - ICP-Fusion	ug/g	98.80	<1.00e-02	<3.99e+02	<4.01e2	n/a	n/a	95.90	399.0	n/a
S961002202	F	Chromium - ICP-Fusion	ug/g	100.0	<1.00e-02	<3.99e+02	<3.99e+02	2.34e+03	1.71	97.20	200.0	n/a
S961002202	F	Copper - ICP-Fusion	ug/g	104.0	<1.00e-02	<2.00e+02	<2.00e+02	n/a	n/a	100.7	200.0	n/a
S961002202	F	Iron - ICP-Fusion	ug/g	100.6	<5.00e-02	1.81e+03	1.86e+03	1.84e+03	2.72	97.60	998.0	n/a
S961002202	F	Lanthanum - ICP-Fusion	ug/g	100.2	<5.00e-02	<9.98e+02	<1.00e-03	n/a	n/a	97.60	998.0	n/a
S961002202	F	Lithium - ICP-Fusion	ug/g	102.6	<1.00e-01	<2.00e+02	<2.00e+02	n/a	n/a	98.30	200.0	n/a
S961002202	F	Magnesium - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	94.90	2.00e+03	n/a
S961002202	F	Manganese - ICP-Fusion	ug/g	97.20	<1.00e-02	2.85e+03	2.81e+03	2.83e+03	1.41	92.60	200.0	n/a
S961002202	F	Molybdenum - ICP-Fusion	ug/g	99.80	<1.00e-02	<9.98e+02	<1.00e-03	n/a	n/a	97.60	998.0	n/a
S961002202	F	Sodium - ICP-Fusion	ug/g	100.6	<1.00e-01	1.30e+05	1.33e+05	1.32e+05	2.28	109.0	2.00e+03	n/a
S961002202	F	Neodymium - ICP-Fusion	ug/g	102.0	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	99.50	2.00e+03	n/a
S961002202	F	Nickel - ICP-Fusion	ug/g	98.60	6.70e-02	2.86e+03	2.60e+03	2.73e+03	9.52	96.40	399.0	n/a
S961002202	F	Phosphorus - ICP-Fusion	ug/g	97.60	<2.00e-02	<3.99e+03	<4.01e3	n/a	n/a	98.00	3.99e+03	n/a
S961002202	F	Lead - ICP-Fusion	ug/g	98.00	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	95.10	2.00e+03	n/a
S961002202	F	Sulfur - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	98.00	2.00e+03	n/a
S961002202	F	Antimony - ICP-Fusion	ug/g	95.00	<6.00e-02	<1.20e+03	<1.20e+03	n/a	n/a	93.40	1.20e+03	n/a
S961002202	F	Selenium - ICP-Fusion	ug/g	94.80	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	98.00	2.00e+03	n/a
S961002202	F	Silicon - ICP-Fusion	ug/g	98.00	<1.00e-01	1.49e+03	<2.00e+03	1.36e+03	19.1	92.70	998.0	n/a
S961002202	F	Strontium - ICP-Fusion	ug/g	99.00	<1.00e-02	<2.00e+03	<2.00e+03	n/a	n/a	93.90	998.0	n/a
S961002202	F	Titanium - ICP-Fusion	ug/g	97.00	<1.00e-02	3.90e+02	384.0	387.0	1.55	95.10	2.00e+03	n/a
S961002202	F	Thallium - ICP-Fusion	ug/g	97.00	<1.00e-02	<2.00e+02	<2.00e+02	n/a	n/a	96.10	200.0	n/a
S961002202	F	Uranium - ICP-Fusion	ug/g	95.00	<5.00e-01	<3.99e+03	<4.01e3	n/a	n/a	91.00	3.99e+03	n/a
S961002202	F	Vanadium - ICP-Fusion	ug/g	97.10	<5.00e-01	<3.99e+03	<4.01e3	n/a	n/a	107.5	9.98e+03	n/a
S961002202	F	Zinc - ICP-Fusion	ug/g	99.60	<5.00e-02	<9.98e+02	<1.00e-03	n/a	n/a	96.60	998.0	n/a
S961002202	F	Zirconium - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.00e+02	<2.00e+02	n/a	n/a	98.30	200.0	n/a
S961002202	F	Cobalt-60 by GEA	uCi/g	103.2	<1.19e-01	<1.7e-01	<8.89e-2	n/a	n/a	94.90	200.0	n/a
S961002202	F	Cesium-137 by GEA	uCi/g	105.1	<1.05e-01	96.87	98.20	97.53	1.33	n/a	1.17e-01	n/a
S961002202	F	Europium-154 by GEA	uCi/g	n/a	<3.47e-01	<4.28e-01	<4.01e-1	n/a	n/a	n/a	n/a	1.55
S961002202	F	Europium-155 by GEA	uCi/g	n/a	<3.32e-01	<9.26e-01	<9.26e-01	n/a	n/a	n/a	4.28e-01	n/a
S961002202	F	Americium-241 by GEA	uCi/g	n/a	<7.95e-01	<2.329	<2.3360	n/a	n/a	n/a	9.54e-01	n/a
S961002202	F	Alpha of Digested Solid	uCi/g	109.4	<4.47e-02	4.39e-01	3.86e-01	4.12e-01	12.8	n/a	5.60e-02	2.76e+01
S961002203	A	Silver - ICP-Acid Digest	ug/g	94.30	<1.00e-02	9.470	9.750	9.610	2.91	n/a	3.970	n/a
S961002203	A	Aluminum - ICP-Acid Digest	ug/g	95.60	9.50e-02	1.81e+04	2.41e+04	2.11e+04	28.4	n/a	19.60	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002203	A	Arsenic - ICP-Acid Digest	ug/g	96.00	<1.00e-01	< 39.10	<4.08e1	N/A	N/A	N/A	39.10	N/A
S961002203	A	Boron - ICP-Acid Digest	ug/g	104.0	5.59e-01	37.00	42.70	39.85	14.3	N/A	19.60	N/A
S961002203	A	Barium - ICP-Acid Digest	ug/g	96.20	<5.00e-02	32.30	34.60	33.45	6.88	N/A	19.60	N/A
S961002203	A	Beryllium - ICP-Acid Digest	ug/g	100.8	<5.00e-03	< 1.960	<2.04e0	N/A	N/A	N/A	1.960	N/A
S961002203	A	Bismuth - ICP-Acid Digest	ug/g	93.20	<1.00e-01	< 39.10	<4.08e1	N/A	N/A	N/A	39.10	N/A
S961002203	A	Calcium - ICP-Acid Digest	ug/g	96.80	1.76e-01	2.81e+02	266.0	273.5	5.48	N/A	39.10	N/A
S961002203	A	Cadmium - ICP-Acid Digest	ug/g	92.40	<5.00e-03	< 1.960	<2.04e0	N/A	N/A	N/A	1.960	N/A
S961002203	A	Cerium - ICP-Acid Digest	ug/g	100.8	<1.00e-01	< 39.10	<4.08e1	N/A	N/A	N/A	39.10	N/A
S961002203	A	Cobalt - ICP-Acid Digest	ug/g	95.40	<2.00e-02	< 7.820	<8.15e0	N/A	N/A	N/A	7.820	N/A
S961002203	A	Chromium - ICP-Acid Digest	ug/g	94.80	<2.00e-02	2.22e+03	2.22e+03	2.13e+03	8.45	N/A	3.910	N/A
S961002203	A	Copper - ICP-Acid Digest	ug/g	94.80	1.10e-02	14.90	16.60	15.75	10.8	N/A	3.910	N/A
S961002203	A	Iron - ICP-Acid Digest	ug/g	96.20	1.44e-01	8.89e+02	1.01e+03	949.5	12.7	N/A	19.60	N/A
S961002203	A	Potassium - ICP-Acid Digest	ug/g	89.20	<5.00e-01	6.00e+02	607.0	603.5	1.16	N/A	19.60	N/A
S961002203	A	Lanthanum - ICP-Acid Digest	ug/g	98.20	<5.00e-02	< 19.60	<2.04e1	N/A	N/A	N/A	19.60	N/A
S961002203	A	Lithium - ICP-Acid Digest	ug/g	98.20	<1.00e-02	< 3.910	<4.08e0	N/A	N/A	N/A	3.910	N/A
S961002203	A	Magnesium - ICP-Acid Digest	ug/g	89.40	<1.00e-01	< 39.10	<4.08e1	N/A	N/A	N/A	39.10	N/A
S961002203	A	Manganese - ICP-Acid Digest	ug/g	91.80	<1.00e-02	2.36e+03	2.57e+03	2.46e+03	8.52	N/A	3.910	N/A
S961002203	A	Molybdenum - ICP-Acid Digest	ug/g	94.80	<5.00e-02	< 19.60	<2.04e1	N/A	N/A	N/A	19.60	N/A
S961002203	A	Sodium - ICP-Acid Digest	ug/g	116.6	8.00e-01	1.08e+05	1.16e+05	1.12e+05	7.14	N/A	39.10	N/A
S961002203	A	Neodymium - ICP-Acid Digest	ug/g	98.00	<1.00e-01	< 39.10	<4.08e1	N/A	N/A	N/A	39.10	N/A
S961002203	A	Nickel - ICP-Acid Digest	ug/g	95.40	<2.00e-02	71.70	80.60	76.15	11.7	N/A	7.820	N/A
S961002203	A	Phosphorus - ICP-Acid Digest	ug/g	100.2	<2.00e-01	6.22e+02	677.0	649.5	8.47	N/A	78.20	N/A
S961002203	A	Lead - ICP-Acid Digest	ug/g	90.40	<1.00e-01	< 39.10	56.30	377.0	5.31	N/A	39.10	N/A
S961002203	A	Sulfur - ICP-Acid Digest	ug/g	94.60	<1.00e-01	3.67e+02	387.0	N/A	N/A	N/A	39.10	N/A
S961002203	A	Antimony - ICP-Acid Digest	ug/g	96.20	<5.00e-02	< 23.50	<2.45e1	N/A	N/A	N/A	23.50	N/A
S961002203	A	Selenium - ICP-Acid Digest	ug/g	91.20	<1.00e-01	< 39.10	<4.08e1	N/A	N/A	N/A	39.10	N/A
S961002203	A	Samarium - ICP-Acid Digest	ug/g	95.60	<1.00e-01	< 39.10	<4.08e1	N/A	N/A	N/A	39.10	N/A
S961002203	A	Strontium - ICP-Acid Digest	ug/g	95.80	<1.00e-02	2.81e+02	302.0	291.5	7.20	N/A	3.910	N/A
S961002203	A	Titanium - ICP-Acid Digest	ug/g	89.20	<1.00e-02	6.10	6.670	6.390	8.76	N/A	3.910	N/A
S961002203	A	Thallium - ICP-Acid Digest	ug/g	89.60	<2.00e-01	< 78.20	<8.15e1	N/A	N/A	N/A	78.20	N/A
S961002203	A	Uranium - ICP-Acid Digest	ug/g	93.80	<5.00e-01	6.76e+03	7.21e+03	6.98e+03	6.44	N/A	196.0	N/A
S961002203	A	Vanadium - ICP-Acid Digest	ug/g	91.40	<5.00e-02	< 19.60	<2.04e1	N/A	N/A	N/A	19.60	N/A
S961002203	A	Zinc - ICP-Acid Digest	ug/g	94.40	2.90e-02	28.10	30.10	29.10	6.87	N/A	3.910	N/A
S961002203	A	Zirconium - ICP-Acid Digest	ug/g	102.8	<1.00e-02	30.70	34.40	32.55	11.4	N/A	3.910	N/A
S961003498	W	Fluoride-IC-Bioxek 40001/4500	ug/g	96.10	<1.30e-02	53.69	<3.65e1	N/A	N/A	N/A	36.64	N/A
S961003498	W	Chloride-IC-Bioxek 40001/4500	ug/g	90.51	<1.70e-02	3.35e+02	4.33e+02	2.41e+03	81.1	N/A	47.91	N/A
S961003498	W	Bromide by Ion Chromatograph	ug/g	94.96	<1.26e-01	<3.55e+02	<3.52e2	N/A	N/A	N/A	355.1	N/A
S961003498	W	Nitrate by IC-Bioxek40001/4500	ug/g	95.93	<1.40e-01	1.26e+05	7.83e+04	1.02e+05	46.7	N/A	394.2	N/A
S961003498	W	Phosphate-IC-Bioxek 40001/4500	ug/g	95.06	<1.19e-01	1.30e+03	914.0	1.11e+03	34.9	N/A	335.0	N/A
S961003498	W	Sulfate by IC-Bioxek40001/4500	ug/g	97.15	<1.36e-01	1.14e+03	652.0	894.0	54.5	N/A	383.0	N/A
S961003498	W	Oxalate by IC - Bioex 40001	ug/g	98.43	<1.05e-01	<2.96e+02	<2.93e2	N/A	N/A	N/A	295.9	N/A

WHC-SD-WM-DP-185, REV. 0

Table 4. Data Summary Table
S-101

CORE NUMBER: 138
SEGMENT #: 8

SEGMENT PORTION: U Upper Half of Segment

Sample #	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002002		Bulk Density of Sample	g/ml	n/a	n/a	1.800	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002004		DSC Exotherm Dry - Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002004		DSC Exotherm on Perkin Elmer	Joules/g	99.82	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002004		% Water by TGA on Perkin Elmer	%	99.82	n/a	35.13	35.34	35.23	0.60	n/a	n/a	n/a
S961002046		F Silver - ICP-Fusion	ug/g	99.40	< 1.00e-02	< 2.05e+02	< 2.09e2	1.21e+03	0.00	92.00	205.0	n/a
S961002046		F Aluminum - ICP-Fusion	ug/g	99.40	< 5.00e-01	1.21e+05	1.21e+05	1.21e+05	0.00	101.9	1.03e+03	n/a
S961002046		F Arsenic - ICP-Fusion	ug/g	103.2	< 1.00e-01	< 2.05e+03	< 2.09e3	n/a	n/a	97.60	1.03e+03	n/a
S961002046		F Boron - ICP-Fusion	ug/g	100.8	< 5.00e-02	< 1.03e+03	< 1.04e3	n/a	n/a	101.7	1.03e+03	n/a
S961002046		F Barium - ICP-Fusion	ug/g	101.8	< 5.00e-02	< 1.03e+03	< 1.04e3	n/a	n/a	97.80	1.03e+03	n/a
S961002046		F Beryllium - ICP-Fusion	ug/g	104.2	< 5.00e-03	< 2.05e+02	< 1.04e2	n/a	n/a	100.2	103.0	n/a
S961002046		F Bismuth - ICP-Fusion	ug/g	102.4	< 1.00e-01	< 2.05e+03	< 2.09e3	n/a	n/a	97.80	2.05e+03	n/a
S961002046		F Cadmium - ICP-Fusion	ug/g	99.80	< 5.00e-03	< 2.05e+03	< 2.09e3	n/a	n/a	99.00	2.05e+03	n/a
S961002046		F Calcium - ICP-Fusion	ug/g	98.40	< 5.00e-01	< 2.05e+02	< 1.04e2	n/a	n/a	96.10	103.0	n/a
S961002046		F Cerium - ICP-Fusion	ug/g	99.20	< 2.00e-02	< 2.05e+03	< 2.09e3	n/a	n/a	102.2	2.05e+03	n/a
S961002046		F Cobalt - ICP-Fusion	ug/g	100.6	< 1.00e-02	< 2.05e+02	< 1.04e2	2.37e+03	0.00	98.00	410.0	n/a
S961002046		F Chromium - ICP-Fusion	ug/g	101.4	< 5.00e-02	< 2.05e+02	< 2.09e2	2.37e+03	0.00	98.00	410.0	n/a
S961002046		F Copper - ICP-Fusion	ug/g	103.6	< 5.00e-02	< 2.05e+02	< 2.09e2	1.89e+03	0.00	98.60	1.03e+03	n/a
S961002046		F Iron - ICP-Fusion	ug/g	103.6	< 5.00e-02	< 2.05e+02	< 2.09e2	1.89e+03	0.00	98.60	1.03e+03	n/a
S961002046		F Lanthanum - ICP-Fusion	ug/g	105.6	< 1.00e-02	< 1.03e+03	< 1.04e3	n/a	n/a	101.7	1.03e+03	n/a
S961002046		F Lithium - ICP-Fusion	ug/g	99.00	< 1.00e-01	< 2.05e+02	< 2.09e2	n/a	n/a	96.30	2.05e+03	n/a
S961002046		F Magnesium - ICP-Fusion	ug/g	97.60	< 1.00e-02	< 2.05e+03	< 2.09e3	n/a	n/a	93.20	205.0	n/a
S961002046		F Manganese - ICP-Fusion	ug/g	100.4	< 5.00e-02	< 1.03e+03	< 1.04e3	3.12e+03	5.46	98.30	1.03e+03	n/a
S961002046		F Molybdenum - ICP-Fusion	ug/g	103.4	< 5.00e-01	1.29e+05	1.28e+05	1.28e+05	0.78	106.5	2.05e+03	n/a
S961002046		F Sodium - ICP-Fusion	ug/g	105.6	< 1.00e-01	< 2.05e+03	< 2.09e3	4.42e+04	183	99.90	410.0	n/a
S961002046		F Neodymium - ICP-Fusion	ug/g	99.20	< 2.00e-01	< 2.05e+02	< 1.04e2	4.42e+04	183	99.90	410.0	n/a
S961002046		F Nickel - ICP-Fusion	ug/g	97.40	< 2.00e-01	< 2.05e+03	< 2.09e3	n/a	n/a	97.10	4.10e+03	n/a
S961002046		F Phosphorus - ICP-Fusion	ug/g	98.40	< 1.00e-01	< 2.05e+03	< 2.09e3	n/a	n/a	94.90	2.05e+03	n/a
S961002046		F Lead - ICP-Fusion	ug/g	96.60	< 1.00e-02	< 2.05e+03	< 2.09e3	n/a	n/a	95.90	2.05e+03	n/a
S961002046		F Sulfur - ICP-Fusion	ug/g	96.20	< 6.00e-02	< 2.05e+03	< 2.09e3	n/a	n/a	93.90	1.23e+03	n/a
S961002046		F Antimony - ICP-Fusion	ug/g	98.60	< 1.00e-01	< 2.05e+03	< 2.09e3	n/a	n/a	102.0	2.05e+03	n/a
S961002046		F Selenium - ICP-Fusion	ug/g	95.00	< 5.00e-02	< 2.05e+03	< 2.09e3	1.32e+03	5.32	94.40	1.03e+03	n/a
S961002046		F Silicon - ICP-Fusion	ug/g	101.0	< 1.00e-01	< 2.05e+02	< 2.09e2	416.5	0.72	98.70	205.0	n/a
S961002046		F Samarium - ICP-Fusion	ug/g	102.2	< 1.00e-02	< 2.05e+02	< 2.09e2	n/a	n/a	96.10	205.0	n/a
S961002046		F Strontium - ICP-Fusion	ug/g	99.20	< 2.00e-01	< 2.05e+02	< 2.09e2	n/a	n/a	92.90	4.10e+03	n/a
S961002046		F Tantalum - ICP-Fusion	ug/g	96.60	< 5.00e-01	< 1.03e+04	< 1.04e4	n/a	n/a	109.2	1.03e+04	n/a
S961002046		F Thallium - ICP-Fusion	ug/g	100.8	< 5.00e-02	< 1.03e+03	< 1.04e3	n/a	n/a	97.30	1.03e+03	n/a
S961002046		F Uranium - ICP-Fusion	ug/g	100.0	< 1.00e-02	< 2.05e+02	< 2.09e2	n/a	n/a	98.30	205.0	n/a
S961002046		F Vanadium - ICP-Fusion	ug/g	100.0	< 1.00e-02	< 2.05e+02	< 2.09e2	n/a	n/a	98.30	205.0	n/a
S961002046		F Zinc - ICP-Fusion	ug/g	99.29	< 5.93e-01	< 2.05e+02	< 2.09e2	n/a	n/a	98.30	205.0	n/a
S961002046		F Zirconium - ICP-Fusion	ug/g	99.89	< 8.15e-01	< 2.05e+02	< 2.09e2	n/a	n/a	98.30	205.0	n/a
S961002046		F Cobalt-60 by DEA	uCi/g	n/a	< 1.540	< 1.661	< 1.661	89.60	1.12	n/a	5.84e-01	n/a
S961002046		F Europium-154 by DEA	uCi/g	n/a	< 1.540	< 1.661	< 1.661	89.60	1.12	n/a	5.84e-01	n/a

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Sample#	RA#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002046	F	Europium-155 by GEA	uCi/g	n/a	< 1.270	< 2.344	< 2.344	n/a	n/a	D/A	2.344	n/a
S961002046	F	Americium-241 by GEA	uCi/g	n/a	< 3.270	< 5.89e0	< 5.89e0	n/a	n/a	D/A	5.89e0	n/a
S961002051	A	Silver - ICP-Acid Digest	ug/g	93.00	<1.00e-02	9.820	9.210	9.515	6.41	n/a	3.690	n/a
S961002051	A	Aluminum - ICP-Acid Digest	ug/g	93.80	8.30e-02	2.07e+04	2.34e+04	2.20e+04	12.2	D/A	18.50	n/a
S961002051	A	Arsenic - ICP-Acid Digest	ug/g	95.00	<1.00e-01	< 36.90	< 3.80e1	n/a	n/a	D/A	36.90	n/a
S961002051	A	Boron - ICP-Acid Digest	ug/g	102.2	5.12e-01	51.60	80.40	66.00	43.6	n/a	18.50	n/a
S961002051	A	Barium - ICP-Acid Digest	ug/g	94.20	<5.00e-02	< 39.10	38.80	38.95	0.77	n/a	18.50	n/a
S961002051	A	Beryllium - ICP-Acid Digest	ug/g	101.8	<5.00e-03	< 36.90	< 3.80e1	n/a	n/a	D/A	1.850	n/a
S961002051	A	Bismuth - ICP-Acid Digest	ug/g	93.40	<1.00e-01	4.34e+02	< 1.90e0	423.0	5.20	n/a	36.90	n/a
S961002051	A	Calcium - ICP-Acid Digest	ug/g	96.60	<1.00e-03	< 1.850	< 1.90e0	n/a	n/a	D/A	1.850	n/a
S961002051	A	Cadmium - ICP-Acid Digest	ug/g	91.80	<5.00e-03	< 36.90	< 3.80e1	n/a	n/a	D/A	36.90	n/a
S961002051	A	Cerium - ICP-Acid Digest	ug/g	99.80	<1.00e-01	< 7.390	< 7.60e0	n/a	n/a	D/A	7.390	n/a
S961002051	A	Cobalt - ICP-Acid Digest	ug/g	94.60	<2.00e-02	< 2.11e+03	2.08e+03	2.10e+03	1.43	n/a	3.690	n/a
S961002051	A	Chromium - ICP-Acid Digest	ug/g	93.60	<1.00e-02	16.80	20.60	18.70	20.3	n/a	3.690	n/a
S961002051	A	Copper - ICP-Acid Digest	ug/g	94.00	<1.00e-02	1.09e+03	1.09e+03	1.09e+03	0.00	n/a	18.50	n/a
S961002051	A	Iron - ICP-Acid Digest	ug/g	95.60	7.40e-02	5.18e+02	508.0	513.0	1.95	D/A	185.0	n/a
S961002051	A	Potassium - ICP-Acid Digest	ug/g	88.60	<5.00e-01	< 18.50	< 1.90e1	n/a	n/a	D/A	18.50	n/a
S961002051	A	Lanthanum - ICP-Acid Digest	ug/g	96.80	<5.00e-02	< 3.690	< 3.80e0	n/a	n/a	D/A	3.690	n/a
S961002051	A	Lithium - ICP-Acid Digest	ug/g	89.00	<1.00e-01	52.90	54.80	53.85	3.53	n/a	36.90	n/a
S961002051	A	Magnesium - ICP-Acid Digest	ug/g	91.00	<1.00e-02	2.83e+03	2.73e+03	2.78e+03	3.60	D/A	3.690	n/a
S961002051	A	Molybdenum - ICP-Acid Digest	ug/g	93.80	<5.00e-02	< 18.50	< 1.90e1	n/a	n/a	D/A	18.50	n/a
S961002051	A	Sodium - ICP-Acid Digest	ug/g	110.6	8.33e-01	1.10e+05	1.09e+05	1.10e+05	0.91	D/A	36.90	n/a
S961002051	A	Neodymium - ICP-Acid Digest	ug/g	97.00	<2.00e-02	43.10	41.60	42.35	3.54	n/a	36.90	n/a
S961002051	A	Nickel - ICP-Acid Digest	ug/g	98.40	<2.00e-02	4.22e+02	422.0	422.0	0.00	n/a	7.390	n/a
S961002051	A	Phosphorus - ICP-Acid Digest	ug/g	89.60	<1.00e-01	< 36.90	< 3.80e1	n/a	n/a	D/A	36.90	n/a
S961002051	A	Sulfur - ICP-Acid Digest	ug/g	93.20	1.04e-01	3.43e+02	351.0	347.0	2.31	n/a	22.20	n/a
S961002051	A	Antimony - ICP-Acid Digest	ug/g	95.20	<5.00e-02	< 22.20	< 2.28e1	n/a	n/a	D/A	36.90	n/a
S961002051	A	Selenium - ICP-Acid Digest	ug/g	94.20	<1.00e-01	< 36.90	< 3.80e1	n/a	n/a	D/A	36.90	n/a
S961002051	A	Samarium - ICP-Acid Digest	ug/g	94.60	<1.00e-02	3.38e+02	332.0	335.0	1.79	n/a	3.690	n/a
S961002051	A	Strontium - ICP-Acid Digest	ug/g	87.80	<1.00e-02	6.810	6.620	6.715	2.83	n/a	3.690	n/a
S961002051	A	Titanium - ICP-Acid Digest	ug/g	88.80	<2.00e-01	< 73.90	< 7.60e1	n/a	n/a	D/A	73.90	n/a
S961002051	A	Uranium - ICP-Acid Digest	ug/g	92.50	<5.00e-01	8.05e+03	7.92e+03	7.90e+03	1.63	n/a	185.0	n/a
S961002051	A	Vanadium - ICP-Acid Digest	ug/g	93.20	<5.00e-02	< 18.50	< 1.90e1	n/a	n/a	D/A	18.50	n/a
S961002051	A	Zinc - ICP-Acid Digest	ug/g	90.20	2.20e-02	19.70	22.90	21.30	15.0	n/a	3.690	n/a
S961002051	A	Fluoride-IC-Bioxon 40001/4500	ug/g	101.2	<1.00e-02	35.30	35.20	35.25	0.28	n/a	3.690	n/a
S961003463	V	Zirconium - ICP-Acid Digest	ug/g	104.6	<1.30e-02	< 31.92	< 3.19e1	n/a	n/a	D/A	94.07	31.93
S961003463	V	Chloride-IC-Bioxon 40001/4500	ug/g	91.52	<1.20e-01	4.46e+03	4.39e+03	4.42e+03	50.4	n/a	100.9	309.4
S961003463	V	Bromide by Ion Chromatograph	ug/g	94.09	<1.26e-01	8.35e+04	8.35e+04	8.35e+04	60.5	n/a	103.7	343.5
S961003463	V	Nitrate by IC-Bioxon40001/4500	ug/g	97.88	<1.19e-01	4.46e+02	< 4.92e2	4.47e+02	n/a	n/a	291.9	n/a
S961003463	V	Phosphate-IC-Bioxon 40001/4500	ug/g	98.72	<1.19e-01	4.46e+02	< 4.92e2	4.47e+02	n/a	n/a	333.7	n/a
S961003463	V	Sulfate by IC-Bioxon40001/4500	ug/g	97.62	<1.30e-01	< 3.34e2	< 3.34e2	n/a	n/a	D/A	100.5	333.7
S961003463	V	Oxalate by IC - Bioxon 40001	ug/g	100.6	<1.05e-01	< 2.58e+02	< 2.58e2	n/a	n/a	D/A	103.4	257.8

WHC-SD-WM-DP-185, REV. 0

L Lower Half of Segment: L Lower Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002003		Bulk Density of Sample	g/mL	n/a	n/a	1.770	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002005		DSC Exotherm DRY Calculated	Joules/g DRY	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002005		DSC Exotherm on Perkin Elmer	Joules/g	97.26	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002005		% Water by TGA on Perkin Elmer	Joules/g	98.83	n/a	33.32	34.18	33.75	2.55	n/a	n/a	n/a
S961002048		F Silver - ICP-Fusion	ug/g	99.40	<1.00e-02	<1.89e+02	<2.04e2	1.89e+02	1.55	n/a	90.20	189.0
S961002048		F Arsenic - ICP-Fusion	ug/g	99.40	<5.00e-02	<1.28e+05	<1.30e+05	1.29e+05	1.55	n/a	101.0	946.0
S961002048		F Boron - ICP-Fusion	ug/g	103.2	<5.00e-02	<1.89e+03	<2.04e3	1.89e+03	1.55	n/a	96.10	1.89e+03
S961002048		F Barium - ICP-Fusion	ug/g	100.8	<5.00e-02	<9.46e+02	<1.02e3	n/a	n/a	n/a	97.60	946.0
S961002048		F Beryllium - ICP-Fusion	ug/g	101.8	<5.00e-02	<9.46e+02	<1.02e3	n/a	n/a	n/a	99.80	94.50
S961002048		F Bismuth - ICP-Fusion	ug/g	104.6	<5.00e-03	<9.46e+02	<1.02e3	n/a	n/a	n/a	100.0	1.89e+03
S961002048		F Calcium - ICP-Fusion	ug/g	102.4	<1.00e-01	<1.89e+03	<2.04e3	n/a	n/a	n/a	99.30	1.89e+03
S961002048		F Cadmium - ICP-Fusion	ug/g	98.80	<5.00e-03	<1.89e+03	<2.04e3	n/a	n/a	n/a	95.40	94.50
S961002048		F Cerium - ICP-Fusion	ug/g	105.2	<1.00e-01	<1.89e+03	<2.04e3	n/a	n/a	n/a	100.5	1.89e+03
S961002048		F Cobalt - ICP-Fusion	ug/g	99.20	<1.00e-02	<3.78e+02	<4.08e2	2.35e+03	0.85	n/a	96.10	378.0
S961002048		F Chromium - ICP-Fusion	ug/g	100.6	<1.00e-02	<2.34e+03	<2.04e3	n/a	n/a	n/a	102.4	189.0
S961002048		F Copper - ICP-Fusion	ug/g	106.6	<5.00e-02	<2.15e+03	<2.22e+03	2.18e+03	3.20	n/a	97.90	946.0
S961002048		F Iron - ICP-Fusion	ug/g	101.4	<5.00e-02	<9.46e+02	<1.02e3	n/a	n/a	n/a	99.00	946.0
S961002048		F Lanthanum - ICP-Fusion	ug/g	103.6	<5.00e-02	<9.46e+02	<1.02e3	n/a	n/a	n/a	100.2	189.0
S961002048		F Lithium - ICP-Fusion	ug/g	105.6	<1.00e-01	<1.89e+03	<2.04e3	n/a	n/a	n/a	95.10	1.89e+03
S961002048		F Magnesium - ICP-Fusion	ug/g	99.00	<1.00e-01	<1.89e+03	<2.04e3	3.50e+03	0.29	n/a	92.80	189.0
S961002048		F Manganese - ICP-Fusion	ug/g	97.60	<1.00e-02	<3.49e+03	<3.50e+03	3.50e+03	1.55	n/a	97.60	946.0
S961002048		F Molybdenum - ICP-Fusion	ug/g	100.4	<5.00e-02	<9.46e+02	<1.02e3	n/a	n/a	n/a	100.7	1.89e+03
S961002048		F Sodium - ICP-Fusion	ug/g	105.6	<1.00e-01	<1.89e+03	<2.04e3	1.29e+05	1.55	n/a	96.30	946.0
S961002048		F Neodymium - ICP-Fusion	ug/g	99.20	<1.20e-01	<1.89e+03	<2.04e3	n/a	n/a	n/a	100.7	1.89e+03
S961002048		F Nickel - ICP-Fusion	ug/g	97.40	<2.00e-01	<8.62e+03	<6.20e+03	7.41e+03	32.7	n/a	95.70	378.0
S961002048		F Phosphorus - ICP-Fusion	ug/g	98.40	<1.00e-01	<3.78e+03	<4.08e3	n/a	n/a	n/a	96.30	3.78e+03
S961002048		F Lead - ICP-Fusion	ug/g	96.60	<1.00e-01	<1.89e+03	<2.04e3	n/a	n/a	n/a	97.10	1.89e+03
S961002048		F Sulfur - ICP-Fusion	ug/g	96.20	<5.00e-02	<1.35e+03	<1.22e3	n/a	n/a	n/a	97.60	1.89e+03
S961002048		F Antimony - ICP-Fusion	ug/g	98.60	<1.00e-01	<1.89e+03	<2.04e3	n/a	n/a	n/a	94.90	1.13e+03
S961002048		F Selenium - ICP-Fusion	ug/g	95.00	<5.00e-02	<1.35e+03	<2.04e3	n/a	n/a	n/a	100.5	1.89e+03
S961002048		F Silicon - ICP-Fusion	ug/g	95.00	<5.00e-02	<1.35e+03	<2.04e3	1.24e+03	19.4	n/a	94.50	946.0
S961002048		F Samarium - ICP-Fusion	ug/g	101.0	<1.00e-01	<1.89e+03	<2.04e3	n/a	n/a	n/a	93.90	1.89e+03
S961002048		F Strontium - ICP-Fusion	ug/g	102.2	<1.00e-02	<4.78e+02	<4.79e+02	4.78e+02	0.21	n/a	97.20	189.0
S961002048		F Thallium - ICP-Fusion	ug/g	99.20	<1.00e-02	<1.89e+02	<2.04e2	n/a	n/a	n/a	94.90	189.0
S961002048		F Titanium - ICP-Fusion	ug/g	96.60	<5.00e-01	<9.46e+03	<4.08e3	n/a	n/a	n/a	93.20	3.78e+03
S961002048		F Uranium - ICP-Fusion	ug/g	100.0	<5.00e-01	<9.46e+03	<1.02e4	n/a	n/a	n/a	113.1	9.46e+03
S961002048		F Vanadium - ICP-Fusion	ug/g	100.8	<5.00e-02	<9.46e+02	<1.02e3	n/a	n/a	n/a	96.60	946.0
S961002048		F Zinc - ICP-Fusion	ug/g	100.0	<1.00e-02	<2.50e+02	<2.04e2	n/a	n/a	n/a	97.00	189.0
S961002048		F Zirconium - ICP-Fusion	ug/g	100.0	<1.00e-02	<1.89e+02	<2.04e2	n/a	n/a	n/a	95.10	189.0
S961002048		F Cobalt-60 by GEA	uc/g	101.5	<6.98e-02	<6.89e+02	<8.36e-2	n/a	n/a	n/a	6.90e-02	n/a
S961002048		F Cesium-137 by GEA	uc/g	101.4	<1.10e-01	<80.72	83.60	82.16	3.53	n/a	n/a	0.860
S961002048		F Europium-154 by GEA	uc/g	n/a	<2.49e-01	<2.63e-01	<2.63e-01	n/a	n/a	n/a	2.49e-01	n/a
S961002048		F Europium-155 by GEA	uc/g	n/a	<4.27e-01	<4.65e-01	<4.65e-01	n/a	n/a	n/a	4.27e-01	n/a
S961002048		F Americium-241 by GEA	uc/g	n/a	<3.32e-01	<9.20e-01	<9.75e-01	n/a	n/a	n/a	9.20e-01	n/a
S961002048		F Alpha of Digested Solid	uc/g	111.7	<3.57e-02	<4.92e-01	5.27e-01	5.10e-01	6.87	n/a	101.1	2.70e+01
S961002052		A Silver - ICP-Acid Digest	ug/g	93.00	<1.00e-02	9.550	9.570	9.560	0.21	n/a	89.60	0.21
S961002052		A Aluminum - ICP-Acid Digest	ug/g	93.80	8.30e-02	2.50e+04	2.36e+04	2.43e+04	5.76	n/a	19.00	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002052	A	Arsenic - ICP-Acid Digest	ug/g	95.00	<1.00e-01	< 37.90	<3.91e1	n/a	n/a	89.40	37.90	n/a
S96T002052	A	Boron - ICP-Acid Digest	ug/g	102.2	5.12e-01	71.20	20.80	46.00	110	82.30	19.00	n/a
S96T002052	A	Barium - ICP-Acid Digest	ug/g	94.20	<5.00e-02	27.80	27.60	27.70	0.72	89.46	19.00	n/a
S96T002052	A	Beryllium - ICP-Acid Digest	ug/g	101.8	<5.00e-03	< 1.900	<1.96e0	n/a	n/a	92.80	1.900	n/a
S96T002052	A	Bismuth - ICP-Acid Digest	ug/g	96.60	<1.00e-01	< 37.90	<3.91e1	n/a	n/a	90.00	37.90	n/a
S96T002052	A	Calcium - ICP-Acid Digest	ug/g	99.80	1.79e-01	4.48e-02	4.29	4.38	4.33	97.78	37.90	n/a
S96T002052	A	Cadmium - ICP-Acid Digest	ug/g	91.80	<5.00e-03	< 1.900	<1.96e0	n/a	n/a	87.00	1.900	n/a
S96T002052	A	Cerium - ICP-Acid Digest	ug/g	99.80	<1.00e-01	< 37.90	<3.91e1	n/a	n/a	97.60	37.90	n/a
S96T002052	A	Cobalt - ICP-Acid Digest	ug/g	94.60	<2.00e-02	< 7.580	<7.82e0	n/a	n/a	89.00	7.580	n/a
S96T002052	A	Chromium - ICP-Acid Digest	ug/g	93.60	<1.00e-02	2.08e-03	2.04e-03	2.06e-03	1.94	96.12	3.790	n/a
S96T002052	A	Copper - ICP-Acid Digest	ug/g	94.00	1.40e-02	25.40	25.50	25.45	0.39	88.52	3.790	n/a
S96T002052	A	Iron - ICP-Acid Digest	ug/g	95.60	7.40e-02	1.37e-03	1.36e-03	1.36e-03	0.73	87.60	19.00	n/a
S96T002052	A	Potassium - ICP-Acid Digest	ug/g	88.60	<5.00e-01	5.59e-02	4.61	510.0	19.2	71.64	190.0	n/a
S96T002052	A	Lanthanum - ICP-Acid Digest	ug/g	96.80	<5.00e-02	< 19.00	<1.96e1	n/a	n/a	94.40	19.00	n/a
S96T002052	A	Lithium - ICP-Acid Digest	ug/g	96.60	<1.00e-02	< 3.790	<3.91e0	n/a	n/a	91.40	3.790	n/a
S96T002052	A	Magnesium - ICP-Acid Digest	ug/g	89.00	<1.00e-01	< 37.90	<3.91e1	n/a	n/a	86.60	37.90	n/a
S96T002052	A	Manganese - ICP-Acid Digest	ug/g	91.00	<1.00e-02	3.17e-03	3.10e-03	3.14e-03	2.23	103.5	3.790	n/a
S96T002052	A	Molybdenum - ICP-Acid Digest	ug/g	93.80	<5.00e-02	< 19.00	<1.96e1	n/a	n/a	87.60	19.00	n/a
S96T002052	A	Sodium - ICP-Acid Digest	ug/g	110.6	8.33e-01	1.09e-05	1.07e-05	1.08e-05	1.85	585.2	37.90	n/a
S96T002052	A	Neodymium - ICP-Acid Digest	ug/g	97.00	<1.00e-01	48.20	47.20	47.70	2.10	91.92	37.90	n/a
S96T002052	A	Nickel - ICP-Acid Digest	ug/g	94.60	<2.00e-02	97.60	94.10	95.85	3.65	88.50	7.580	n/a
S96T002052	A	Phosphorus - ICP-Acid Digest	ug/g	98.40	<2.00e-01	2.53e-02	244.0	248.5	3.62	93.72	75.80	n/a
S96T002052	A	Lead - ICP-Acid Digest	ug/g	89.60	<1.00e-01	< 37.90	<3.91e1	n/a	n/a	94.60	37.90	n/a
S96T002052	A	Antimony - ICP-Acid Digest	ug/g	93.20	1.04e-01	3.59e-02	351.0	355.0	2.25	89.34	37.90	n/a
S96T002052	A	Selenium - ICP-Acid Digest	ug/g	95.20	<6.00e-02	< 22.80	<2.35e1	n/a	n/a	91.20	22.80	n/a
S96T002052	A	Samarium - ICP-Acid Digest	ug/g	90.00	<1.00e-01	< 37.90	<3.91e1	n/a	n/a	86.00	37.90	n/a
S96T002052	A	Samarium - ICP-Acid Digest	ug/g	94.20	<1.00e-01	< 37.90	<3.91e1	n/a	n/a	90.40	37.90	n/a
S96T002052	A	Strontium - ICP-Acid Digest	ug/g	94.60	<1.00e-02	3.89e-02	377.0	383.0	3.13	90.60	3.790	n/a
S96T002052	A	Titanium - ICP-Acid Digest	ug/g	87.80	<1.00e-02	7.710	7.710	7.710	0.00	83.18	3.790	n/a
S96T002052	A	Thallium - ICP-Acid Digest	ug/g	88.80	<2.00e-01	< 75.80	<7.82e1	n/a	n/a	103.2	190.0	n/a
S96T002052	A	Uranium - ICP-Acid Digest	ug/g	92.50	<5.00e-01	9.00e-03	8.77e+03	8.92e+03	3.47	103.2	190.0	n/a
S96T002052	A	Vanadium - ICP-Acid Digest	ug/g	93.20	<5.00e-02	< 19.00	<1.96e1	n/a	n/a	88.40	19.00	n/a
S96T002052	A	Zinc - ICP-Acid Digest	ug/g	90.20	2.20e-02	25.80	26.30	26.05	1.92	85.88	3.790	n/a
S96T002052	A	Zinc - ICP-Acid Digest	ug/g	101.2	<1.00e-02	40.20	39.30	39.75	2.26	93.76	3.790	n/a
S96T003664	V	Fluoride - IC-Bioxon 40001/4500	ug/g	104.6	<1.30e-02	< 37.96	<3.91e1	1.95e+03	16.9	n/a	37.96	n/a
S96T003664	V	Chloride - IC-Bioxon 40001/4500	ug/g	91.52	<1.70e-02	1.63e+02	1.95e+03	1.78e+03	16.9	n/a	49.64	n/a
S96T003664	V	Bromide by Ion Chromatograph	ug/g	94.09	<1.26e-01	<3.68e+02	<3.69e2	n/a	n/a	n/a	367.9	n/a
S96T003664	V	Nitrate by IC-Bioxon40001/4500	ug/g	97.88	<1.40e-01	1.09e+05	1.18e+05	1.13e+05	7.93	n/a	408.4	n/a
S96T003664	V	Phosphate-IC-Bioxon 40001/4500	ug/g	98.72	<1.19e-01	<3.47e+02	<3.48e2	n/a	n/a	n/a	347.2	n/a
S96T003664	V	Sulfate by IC-Bioxon40001/4500	ug/g	97.62	<1.36e-01	6.59e-02	870.0	764.5	27.6	n/a	396.8	n/a
S96T003664	V	Oxalate by IC - Bioxex 40001	ug/g	100.6	<1.05e-01	<3.07e+02	<3.08e2	n/a	n/a	n/a	306.5	n/a

Table 4. Data Summary Table
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Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002183		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	4.20e+02	283.8	502.0	32.6	n/a	n/a	
S961002183		DSC Exotherm on Perkin Elmer	Joules/g	93.11	n/a	1.91e+02	283.8	228.6	32.6	n/a	n/a	
S961002183		Specific Gravity	Sp. G.	99.71	n/a	1.356	1.378	1.371	0.95	n/a	1.00e-03	n/a
S961002183		% Water by TGA on Perkin Elmer	%	98.02	n/a	54.35	4.78	56.47	1.41	n/a	n/a	
S961002183		TIC by Acid/Coulometry	ug/mL	98.67	1.400	1.02e+03	1.1e+03	1.06e+03	7.55	116.0	5.000	n/a
S961002183		TOC by Persulfate/Coulometry	ug/mL	94.33	1.300	2.34e+02	15.50	267.0	9.74	96.50	40.00	n/a
S961002183		D Aluminum-ICP-Acid Dil.	ug/mL	98.00	< 1.00e-02	15.20	15.50	15.35	1.95	93.70	4.010	n/a
S961002183		D Arsenic-ICP-Acid Dil.	ug/mL	102.4	< 1.00e-01	1.95e+04	2.05e+04	2.00e+04	5.00	n/a	20.10	n/a
S961002183		D Boron-ICP-Acid Dil.	ug/mL	99.20	< 3.00e-02	30.10	39.10	27.70	10.1	97.90	20.10	n/a
S961002183		D Beryllium-ICP-Acid Dil.	ug/mL	100.6	< 3.00e-02	20.10	20.10	n/a	n/a	100.0	20.10	n/a
S961002183		D Barium-ICP-Acid Dil.	ug/mL	103.0	< 3.00e-02	2.000	2.000	n/a	n/a	102.3	2.000	n/a
S961002183		D Bismuth-ICP-Acid Dil.	ug/mL	101.4	< 1.00e-01	4.010	4.010	n/a	n/a	104.5	40.10	n/a
S961002183		D Calcium-ICP-Acid Dil.	ug/mL	101.2	< 1.00e-01	2.000	2.000	n/a	n/a	100.8	2.000	n/a
S961002183		D Cadmium-ICP-Acid Dil.	ug/mL	98.20	< 3.00e-02	2.000	2.000	n/a	n/a	106.2	40.10	n/a
S961002183		D Cerium-ICP-Acid Dil.	ug/mL	102.6	< 1.00e-01	4.010	4.010	n/a	n/a	101.3	8.020	n/a
S961002183		D Cobalt-ICP-Acid Dil.	ug/mL	99.80	< 1.00e-02	4.65e+03	4.85e+03	4.75e+03	n/a	45.40	4.010	n/a
S961002183		D Chromium-ICP-Acid Dil.	ug/mL	103.6	< 1.00e-02	2.010	2.310	4.955	24.8	n/a	4.010	n/a
S961002183		D Copper-ICP-Acid Dil.	ug/mL	101.2	< 3.00e-02	20.10	20.10	n/a	n/a	103.0	20.10	n/a
S961002183		D Iron-ICP-Acid Dil.	ug/mL	89.20	< 3.00e-01	1.19e+03	1.30e+03	1.20e+03	0.84	96.40	200.0	n/a
S961002183		D Potassium-ICP-Acid Dil.	ug/mL	101.0	< 3.00e-02	20.10	20.10	n/a	n/a	103.3	20.10	n/a
S961002183		D Lanthanum-ICP-Acid Dil.	ug/mL	97.40	< 1.00e-02	4.010	4.010	n/a	n/a	100.9	4.010	n/a
S961002183		D Lithium-ICP-Acid Dil.	ug/mL	96.80	< 1.00e-02	4.010	4.010	n/a	n/a	96.80	40.10	n/a
S961002183		D Magnesium-ICP-Acid Dil.	ug/mL	97.40	< 1.00e-02	4.010	4.010	n/a	n/a	97.00	4.010	n/a
S961002183		D Manganese-ICP-Acid Dil.	ug/mL	99.60	< 1.00e-02	20.10	20.10	n/a	n/a	105.2	20.10	n/a
S961002183		D Molybdenum-ICP-Acid Dil.	ug/mL	99.60	< 1.00e-01	2.10e+05	2.24e+05	2.17e+05	6.45	n/a	40.10	n/a
S961002183		D Neodymium-ICP-Acid Dil.	ug/mL	102.2	< 1.00e-01	4.010	4.010	n/a	n/a	104.7	40.10	n/a
S961002183		D Nickel-ICP-Acid Dil.	ug/mL	98.40	< 2.00e-02	8.020	8.020	n/a	n/a	98.80	8.020	n/a
S961002183		D Phosphorus-ICP-Acid Dil.	ug/mL	100.8	< 2.00e-01	1.50e+02	168.0	159.0	11.3	100.8	80.20	n/a
S961002183		D Lead-ICP-Acid Dil.	ug/mL	98.00	< 1.00e-01	4.010	4.010	n/a	n/a	102.5	40.10	n/a
S961002183		D Sulfur-ICP-Acid Dil.	ug/mL	96.80	< 1.00e-01	7.97e+02	869.0	823.0	6.32	93.00	40.10	n/a
S961002183		D Antimony-ICP-Acid Dil.	ug/mL	95.00	< 6.00e-02	40.10	40.10	n/a	n/a	97.00	24.10	n/a
S961002183		D Selenium-ICP-Acid Dil.	ug/mL	98.60	< 1.00e-02	4.010	4.010	n/a	n/a	100.8	40.10	n/a
S961002183		D Silicon-ICP-Acid Dil.	ug/mL	92.40	< 5.00e-01	2.23e+02	163.0	193.0	31.1	84.70	20.10	n/a
S961002183		D Samarium-ICP-Acid Dil.	ug/mL	98.60	< 1.00e-02	4.010	4.010	n/a	n/a	98.80	40.10	n/a
S961002183		D Strontium-ICP-Acid Dil.	ug/mL	100.0	< 1.00e-02	4.010	4.010	n/a	n/a	100.8	4.010	n/a
S961002183		D Titanium-ICP-Acid Dil.	ug/mL	97.00	< 1.00e-02	4.010	4.010	n/a	n/a	98.30	4.010	n/a
S961002183		D Vanadium-ICP-Acid Dil.	ug/mL	96.00	< 2.00e-01	80.20	80.20	n/a	n/a	99.80	80.20	n/a
S961002183		D Uranium-ICP-Acid Dil.	ug/mL	97.10	< 5.00e-01	2.00e+02	2.00e+02	n/a	n/a	96.50	200.0	n/a
S961002183		D Zirconium-ICP-Acid Dil.	ug/mL	99.20	< 5.00e-02	20.10	20.10	n/a	n/a	101.5	20.10	n/a
S961002183		D Zinc-ICP-Acid Dil.	ug/mL	98.80	< 1.00e-02	1.79e+02	185.0	182.0	3.30	99.60	4.010	n/a
S961002183		D Zirconium-ICP-Acid Dil.	ug/mL	96.00	< 1.00e-02	4.010	4.010	n/a	n/a	100.0	4.010	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
3961002183		Fluoride - C-Dioxex 40001/4500	ug/mL	97.63	< 3.0e-02	< 66.96	< 6.70e1	n/a	n/a	95.59	66.96	n/a
3961002183		Chloride - C-Dioxex 40001/4500	ug/mL	94.81	< 7.0e-02	5.02e+03	5.07e+03	5.05e+03	0.99	64.94	87.57	n/a
3961002183		Nitrite - C-Dioxex 40001/4500	ug/mL	96.35	< 1.0e-01	6.83e+04	6.97e+04	6.90e+04	2.03	51.28	551.2	n/a
3961002183		Bromide - Ion Chromatograph	ug/mL	96.17	< 2.6e-01	1.58e+03	1.58e+03	1.58e+03	0.00	91.83	649.0	n/a
3961002183		Nitrate - C-Dioxex 40001/4500	ug/mL	98.53	< 1.73e-01	2.36e+05	2.36e+05	2.37e+05	0.84	5.110e1	721.1	n/a
3961002183		Phosphate - C-Dioxex 40001/4500	ug/mL	97.62	< 1.39e-01	< 6.12e+02	< 6.12e2	n/a	n/a	98.17	612.5	n/a
3961002183		Sulfate by IC-Dioxex 40001/4500	ug/mL	98.42	< 1.39e-01	< 2.46e+03	< 2.46e+03	2.46e+03	0.00	95.72	700.0	n/a
3961002183		Oxalate by IC - Dioxex 40001	ug/mL	100.4	< 1.05e-01	< 5.41e+02	< 5.41e2	n/a	n/a	100.8	540.9	n/a
3961002183		Alpha in Liquid Samples	ug/mL	117.2	< 1.66e-03	< 1.86e+03	< 2.01E+3	n/a	n/a	107.5	4.00e+03	5.00E+02

U Upper Half of Segment: U Upper Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
3961002174		Bulk Density of Sample	g/mL	n/a	n/a	na	n/a	n/a	n/a	n/a	5.00e-01	n/a
3961002176		DSC Exotherm Using Mettler	joules/g	112.5	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
3961002176		Water Dp Gas-Loss	g/g	98.02	n/a	28.35	33.54	30.95	16.8	n/a	n/a	n/a
3961002194		F Silver - ICP-Fusion	ug/g	98.60	< 1.00e-02	< 1.93e+02	< 2.05e2	1.33e+05	0.00	89.80	193.0	n/a
3961002194		F Aluminum - ICP-Fusion	ug/g	97.60	< 5.00e-02	< 1.93e+03	< 2.05e3	1.33e+05	0.00	103.2	963.0	n/a
3961002194		F Arsenic - ICP-Fusion	ug/g	102.4	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	99.80	1.93e+03	n/a
3961002194		F Boron - ICP-Fusion	ug/g	99.20	< 5.00e-02	< 9.63e+02	< 1.02e3	n/a	n/a	97.30	963.0	n/a
3961002194		F Barium - ICP-Fusion	ug/g	102.8	< 5.00e-03	< 96.30	< 1.02e2	n/a	n/a	99.30	96.40	n/a
3961002194		F Beryllium - ICP-Fusion	ug/g	102.2	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	100.0	1.93e+03	n/a
3961002194		F Bismuth - ICP-Fusion	ug/g	101.0	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	102.4	1.93e+03	n/a
3961002194		F Calcium - ICP-Fusion	ug/g	98.40	< 5.00e-03	< 96.30	< 1.02e2	n/a	n/a	96.80	96.40	n/a
3961002194		F Cadmium - ICP-Fusion	ug/g	102.2	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	101.0	1.93e+03	n/a
3961002194		F Cobalt - ICP-Fusion	ug/g	98.80	< 1.00e-02	< 3.85e+02	< 4.10e2	2.32e+03	0.00	98.90	193.0	n/a
3961002194		F Chromium - ICP-Fusion	ug/g	104.0	< 5.00e-02	< 1.93e+02	< 2.05e2	2.52e+03	0.00	98.90	193.0	n/a
3961002194		F Copper - ICP-Fusion	ug/g	100.2	< 5.00e-02	< 1.93e+02	< 2.05e2	2.52e+03	0.00	99.30	963.0	n/a
3961002194		F Lithium - ICP-Fusion	ug/g	102.2	< 5.00e-02	< 9.63e+02	< 1.02e3	n/a	n/a	99.50	963.0	n/a
3961002194		F Lanthanum - ICP-Fusion	ug/g	97.40	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	95.40	1.93e+03	n/a
3961002194		F Magnesium - ICP-Fusion	ug/g	97.20	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	95.40	1.93e+03	n/a
3961002194		F Manganese - ICP-Fusion	ug/g	99.80	< 5.00e-02	< 9.63e+02	< 1.02e3	3.12e+03	1.28	93.90	193.0	n/a
3961002194		F Molybdenum - ICP-Fusion	ug/g	100.6	< 1.00e-01	< 1.93e+03	< 2.05e3	1.16e+05	0.87	105.5	1.93e+03	n/a
3961002194		F Sodium - ICP-Fusion	ug/g	102.0	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	101.2	1.93e+03	n/a
3961002194		F Nickel - ICP-Fusion	ug/g	98.60	< 6.70e-02	< 2.88e+03	8.74e+03	5.51e+03	117	98.60	385.0	n/a
3961002194		F Phosphorus - ICP-Fusion	ug/g	97.60	< 1.00e-01	< 3.85e+03	< 4.10e3	n/a	n/a	96.80	3.85e+03	n/a
3961002194		F Lead - ICP-Fusion	ug/g	98.00	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	96.80	1.93e+03	n/a
3961002194		F Selenium - ICP-Fusion	ug/g	97.20	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	94.40	1.93e+03	n/a
3961002194		F Strontium - ICP-Fusion	ug/g	95.00	< 6.00e-02	< 1.66e+03	< 1.23e3	n/a	n/a	94.40	1.66e+03	n/a
3961002194		F Silicon - ICP-Fusion	ug/g	94.80	< 5.00e-02	< 1.93e+03	< 2.05e3	1.13e+03	3.54	94.80	963.0	n/a
3961002194		F Sulfur - ICP-Fusion	ug/g	99.00	< 1.00e-01	< 1.93e+03	< 2.05e3	n/a	n/a	94.60	1.93e+03	n/a
3961002194		F Tantalum - ICP-Fusion	ug/g	97.00	< 1.00e-02	< 5.85e+02	< 7.0e2	5.79e2	2.07	97.70	193.0	n/a
3961002194		F Thallium - ICP-Fusion	ug/g	95.00	< 2.00e-01	< 3.85e+03	< 4.10e3	n/a	n/a	96.30	3.85e+03	n/a
3961002194		F Uranium - ICP-Fusion	ug/g	97.10	< 5.00e-01	< 9.63e+03	< 1.02e4	n/a	n/a	118.1	9.63e+03	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002194	F	Vanadium - ICP-Fusion	ug/g	99.60	< 0.00e-02	< 9.35e-02	< 1.02e3	N/A	N/A	97.80	963.0	N/A
S96T002194	F	Zinc - ICP-Fusion	ug/g	100.2	< 1.00e-02	< 1.93e+02	< 2.05e2	N/A	N/A	99.50	193.0	N/A
S96T002194	F	Zirconium - ICP-Fusion	ug/g	97.80	< 1.00e-02	< 1.93e+02	< 2.05e2	N/A	N/A	96.30	193.0	N/A
S96T002194	F	Cobalt-60 by GEA	uCi/g	103.2	< 1.19e-01	< 5.13e-01	< 7.20e-1	N/A	N/A	n/a	5.42e-01	n/a
S96T002194	F	Cesium-137 by GEA	uCi/g	105.1	< 1.05e-01	< 7.75e-01	< 78.90	N/A	N/A	n/a	n/a	3.51
S96T002194	F	Cesium-134 by GEA	uCi/g	n/a	< 3.42e-01	< 1.38e	< 1.34e0	N/A	N/A	n/a	1.326	N/A
S96T002194	F	Europium-154 by GEA	uCi/g	n/a	< 3.42e-01	< 2.18e	< 2.25e0	N/A	N/A	n/a	2.187	N/A
S96T002194	F	Europium-155 by GEA	uCi/g	n/a	< 3.42e-01	< 5.57e	< 6.12e0	N/A	N/A	n/a	5.572	N/A
S96T002194	F	Americium-241 by GEA	uCi/g	94.30	< 1.00e-02	< 10.20	< 10.40	N/A	N/A	9.94	18.50	N/A
S96T002194	F	Silver - ICP-Acid Digest	ug/g	95.60	9.50e-02	3.93e+04	3.26e+04	41.5	N/A	N/A	36.90	N/A
S96T002194	A	Aluminum - ICP-Acid Digest	ug/g	99.60	< 1.00e-01	< 36.90	< 3.64e1	N/A	N/A	n/a	18.50	N/A
S96T002194	A	Arsenic - ICP-Acid Digest	ug/g	100.0	5.50e-02	5.72e0	57.30	63.25	18.8	N/A	18.50	N/A
S96T002194	A	Boron - ICP-Acid Digest	ug/g	96.70	5.00e-02	52.20	56.90	54.55	8.62	N/A	18.50	N/A
S96T002194	A	Beryllium - ICP-Acid Digest	ug/g	93.20	< 1.00e-03	< 1.850	< 1.82e0	N/A	N/A	n/a	1.850	N/A
S96T002194	A	Bismuth - ICP-Acid Digest	ug/g	96.80	< 1.00e-01	< 36.90	< 3.64e1	N/A	N/A	n/a	36.90	N/A
S96T002194	A	Calcium - ICP-Acid Digest	ug/g	96.80	1.76e-01	3.84e+02	362.0	373.0	5.90	N/A	1.850	N/A
S96T002194	A	Cadmium - ICP-Acid Digest	ug/g	92.40	< 5.00e-03	< 1.850	< 1.82e0	N/A	N/A	n/a	1.850	N/A
S96T002194	A	Cerium - ICP-Acid Digest	ug/g	100.8	< 1.00e-01	< 36.90	< 39.40	N/A	N/A	n/a	36.90	N/A
S96T002194	A	Cobalt - ICP-Acid Digest	ug/g	95.40	< 2.00e-02	< 7.380	< 7.28e0	N/A	N/A	n/a	7.380	N/A
S96T002194	A	Cobalt - ICP-Acid Digest	ug/g	94.80	1.00e-02	2.00e+03	1.96e+03	2.02	N/A	n/a	3.690	N/A
S96T002194	A	Chromium - ICP-Acid Digest	ug/g	94.80	1.00e-02	30.30	30.80	30.55	1.64	N/A	18.50	N/A
S96T002194	A	Copper - ICP-Acid Digest	ug/g	96.20	< 1.00e-01	1.76e+03	1.68e+03	1.72e+03	4.65	N/A	18.50	N/A
S96T002194	A	Iron - ICP-Acid Digest	ug/g	98.20	< 5.00e-01	4.01e+02	402.0	401.5	0.25	N/A	18.50	N/A
S96T002194	A	Potassium - ICP-Acid Digest	ug/g	98.20	< 5.00e-02	22.60	24.50	23.55	8.07	N/A	18.50	N/A
S96T002194	A	Lanthanum - ICP-Acid Digest	ug/g	98.20	< 5.00e-02	34.40	24.90	29.65	32.0	N/A	3.690	N/A
S96T002194	A	Lithium - ICP-Acid Digest	ug/g	89.40	< 1.00e-01	< 36.90	< 3.64e1	N/A	N/A	n/a	3.690	N/A
S96T002194	A	Magnesium - ICP-Acid Digest	ug/g	91.80	< 1.00e-02	2.40e+03	2.15e+03	2.28e+03	11.0	N/A	18.50	N/A
S96T002194	A	Manganese - ICP-Acid Digest	ug/g	94.80	< 5.00e-02	< 18.50	< 1.82e1	N/A	N/A	n/a	18.50	N/A
S96T002194	A	Molybdenum - ICP-Acid Digest	ug/g	116.6	8.00e-01	1.02e+05	1.00e+05	1.01e+05	1.98	N/A	36.90	N/A
S96T002194	A	Neodymium - ICP-Acid Digest	ug/g	95.40	< 2.00e-01	60.90	68.60	64.75	11.9	N/A	7.380	N/A
S96T002194	A	Nickel - ICP-Acid Digest	ug/g	100.2	< 1.00e-01	1.54e+02	158.0	156.0	2.56	N/A	7.380	N/A
S96T002194	A	Phosphorus - ICP-Acid Digest	ug/g	90.40	< 2.00e-01	1.19e+02	111.0	115.0	6.96	N/A	36.90	N/A
S96T002194	A	Lead - ICP-Acid Digest	ug/g	94.60	< 1.00e-01	3.14e+02	< 3.64e1	N/A	N/A	n/a	36.90	N/A
S96T002194	A	Sulfur - ICP-Acid Digest	ug/g	96.20	< 6.00e-02	< 22.10	< 2.18e1	N/A	N/A	n/a	22.10	N/A
S96T002194	A	Antimony - ICP-Acid Digest	ug/g	91.20	< 1.00e-01	< 36.90	< 3.64e1	N/A	N/A	n/a	36.90	N/A
S96T002194	A	Selenium - ICP-Acid Digest	ug/g	95.60	< 1.00e-01	< 36.90	< 3.64e1	N/A	N/A	n/a	3.690	N/A
S96T002194	A	Samarium - ICP-Acid Digest	ug/g	95.80	< 1.00e-02	6.39e+02	720.0	679.5	11.2	N/A	3.690	N/A
S96T002194	A	Strontium - ICP-Acid Digest	ug/g	89.20	< 1.00e-02	< 7.950	< 7.650	7.800	3.85	N/A	73.80	N/A
S96T002194	A	Titanium - ICP-Acid Digest	ug/g	89.60	< 5.00e-01	< 73.80	< 7.28e1	N/A	N/A	n/a	185.0	N/A
S96T002194	A	Thallium - ICP-Acid Digest	ug/g	93.80	< 5.00e-01	1.27e+04	1.37e+04	1.32e+04	7.38	N/A	18.50	N/A
S96T002194	A	Vanadium - ICP-Acid Digest	ug/g	94.40	< 5.00e-02	< 18.50	< 1.82e1	N/A	N/A	n/a	18.50	N/A
S96T002194	A	Zinc - ICP-Acid Digest	ug/g	91.40	2.90e-02	4.10	35.70	38.40	14.1	N/A	3.690	N/A
S96T002194	A	Zinc - ICP-Acid Digest	ug/g	102.8	< 1.00e-02	< 54.10	56.40	55.25	4.16	N/A	37.23	N/A
S96T002194	A	Zirconium - ICP-Acid Digest	ug/g	104.6	< 1.00e-02	< 37.23	< 3.61e1	N/A	N/A	n/a	48.63	N/A
S96T003461	W	Fluoride - IC-Dioxin 40001/45001	ug/g	91.52	< 1.20e-02	2.48e+03	1.53e+03	2.02e+03	46.2	N/A	85.95	N/A
S96T003461	W	Chloride by IC-Dioxin 40001/45001	ug/g	94.09	< 1.20e-01	< 3.61e+02	< 3.50e2	N/A	N/A	n/a	360.8	N/A
S96T003461	W	Bromide by IC-Dioxin 40001/45001	ug/g	97.88	< 1.20e-01	1.39e+05	1.03e+05	1.21e+05	27.8	N/A	90.72	N/A
S96T003461	W	Nitrate by IC-Dioxin 40001/45001	ug/g	98.72	< 1.19e-01	< 3.40e+02	< 3.30e2	N/A	N/A	n/a	340.5	N/A
S96T003461	W	Phosphate by IC-Dioxin 40001/45001	ug/g	97.62	< 1.36e-01	9.95e+02	635.0	814.1	44.3	N/A	389.2	N/A
S96T003461	W	Sulfate by IC-Dioxin 40001/45001	ug/g									

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S9610023461	W	Oxalate by IC - Dimex 4000i	ug/g	100.6	<1.0e-01	<3.01e+02	<2.92e2	n/a	n/a	110.7	300.6	n/a
L Lower Half of Segment: L Lower Half of Segment												
Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002175		Bulk Density of Sample	g/ml	n/a	n/a	na	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002177		DSC Exotherm using Mettler	Joules/g	112.5	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002177		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002177		% Water by IGA using Mettler	%	98.02	n/a	35.58	33.54	34.56	5.90	n/a	n/a	n/a
S961002199	F	Silver - ICP-Fusion	ug/g	98.60	<1.00e-02	<2.13e+02	<2.08e2	n/a	n/a	89.00	213.0	n/a
S961002199	F	Aluminum - ICP-Fusion	ug/g	97.60	<5.00e-02	<1.20e+05	<1.16e+05	1.18e+05	3.39	93.80	1.06e+03	n/a
S961002199	F	Arsenic - ICP-Fusion	ug/g	102.4	<1.00e-01	<2.13e+03	<2.08e3	n/a	n/a	99.50	2.13e+03	n/a
S961002199	F	Boron - ICP-Fusion	ug/g	99.20	<5.00e-02	<1.06e+03	<1.04e3	n/a	n/a	95.40	1.06e+03	n/a
S961002199	F	Beryllium - ICP-Fusion	ug/g	100.8	<5.00e-02	<1.06e+03	<1.04e3	n/a	n/a	95.40	1.06e+03	n/a
S961002199	F	Bismuth - ICP-Fusion	ug/g	102.8	<5.00e-03	<1.06e+02	<1.04e2	n/a	n/a	98.30	106.0	n/a
S961002199	F	Calcium - ICP-Fusion	ug/g	100.8	<1.00e-01	<2.13e+03	<2.08e3	n/a	n/a	99.80	2.13e+03	n/a
S961002199	F	Cadmium - ICP-Fusion	ug/g	101.0	<1.00e-02	<2.13e+03	<2.08e3	n/a	n/a	99.30	2.13e+03	n/a
S961002199	F	Cerium - ICP-Fusion	ug/g	98.40	<5.00e-03	<1.06e+02	<1.04e2	n/a	n/a	95.60	106.0	n/a
S961002199	F	Cobalt - ICP-Fusion	ug/g	102.2	<1.00e-01	<2.13e+03	<2.08e3	n/a	n/a	99.80	2.13e+03	n/a
S961002199	F	Chromium - ICP-Fusion	ug/g	98.80	<2.00e-02	<4.25e+02	<4.15e2	n/a	n/a	95.90	425.0	n/a
S961002199	F	Copper - ICP-Fusion	ug/g	100.0	<1.00e-02	<2.40e+03	<2.37e+03	2.38e+03	1.26	97.00	213.0	n/a
S961002199	F	Iron - ICP-Fusion	ug/g	104.0	<1.00e-02	<2.13e+02	<2.08e2	n/a	n/a	100.7	213.0	n/a
S961002199	F	Lanthanum - ICP-Fusion	ug/g	100.6	<5.00e-02	<1.4e+03	<1.04e3	n/a	n/a	97.60	1.06e+03	n/a
S961002199	F	Lithium - ICP-Fusion	ug/g	100.2	<5.00e-02	<1.06e+03	<1.04e3	n/a	n/a	98.30	213.0	n/a
S961002199	F	Magnesium - ICP-Fusion	ug/g	97.40	<1.00e-02	<2.13e+02	<2.08e2	n/a	n/a	94.10	2.13e+03	n/a
S961002199	F	Manganese - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.13e+03	<2.08e3	n/a	n/a	884.5	213.0	n/a
S961002199	F	Molybdenum - ICP-Fusion	ug/g	99.80	<1.00e-02	<9.60e+02	<809.0	n/a	n/a	17.1	97.30	n/a
S961002199	F	Nickel - ICP-Fusion	ug/g	100.6	<5.00e-02	<1.06e+03	<1.04e3	n/a	n/a	97.30	1.06e+03	n/a
S961002199	F	Neodymium - ICP-Fusion	ug/g	102.0	<1.00e-01	<2.13e+03	<2.08e3	n/a	n/a	99.00	2.13e+03	n/a
S961002199	F	Phosphorus - ICP-Fusion	ug/g	98.60	<7.00e-02	<2.50e+03	<2.47e+03	2.47e+03	8.2	94.10	425.0	n/a
S961002199	F	Selenium - ICP-Fusion	ug/g	98.00	<1.00e-01	<2.13e+03	<2.08e3	n/a	n/a	94.40	4.25e+03	n/a
S961002199	F	Silver - ICP-Fusion	ug/g	97.20	<1.00e-02	<2.13e+03	<2.08e3	n/a	n/a	95.60	2.13e+03	n/a
S961002199	F	Silicon - ICP-Fusion	ug/g	95.00	<6.00e-02	<1.23e+03	<1.23e3	n/a	n/a	93.70	1.23e+03	n/a
S961002199	F	Sodium - ICP-Fusion	ug/g	98.60	<1.00e-01	<2.13e+03	<2.08e3	n/a	n/a	99.50	2.13e+03	n/a
S961002199	F	Sulfur - ICP-Fusion	ug/g	94.80	<5.00e-02	<1.06e+03	<1.04e3	n/a	n/a	94.10	1.06e+03	n/a
S961002199	F	Tantalum - ICP-Fusion	ug/g	98.00	<1.00e-01	<2.13e+03	<2.08e3	n/a	n/a	92.70	2.13e+03	n/a
S961002199	F	Titanium - ICP-Fusion	ug/g	99.00	<1.00e-02	<2.55e+02	<216.0	235.5	16.6	95.90	2.13e+03	n/a
S961002199	F	Thallium - ICP-Fusion	ug/g	97.00	<1.00e-02	<2.13e+02	<2.08e2	n/a	n/a	94.10	2.13e+03	n/a
S961002199	F	Vanadium - ICP-Fusion	ug/g	95.00	<2.00e-01	<4.25e+03	<4.15e3	n/a	n/a	92.00	4.25e+03	n/a
S961002199	F	Zinc - ICP-Fusion	ug/g	97.10	<5.00e-01	<1.06e+04	<1.04e4	n/a	n/a	103.8	1.06e+04	n/a
S961002199	F	Zinc - ICP-Fusion	ug/g	99.60	<5.00e-02	<2.13e+02	<2.08e2	n/a	n/a	96.30	1.06e+04	n/a
S961002199	F	Zinc - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.13e+02	<2.08e2	n/a	n/a	98.30	213.0	n/a
S961002199	F	Zirconium - ICP-Fusion	ug/g	97.80	<1.00e-02	<2.13e+02	<2.08e2	n/a	n/a	94.40	213.0	n/a
S961002199	F	Cobalt-60 by GEA	uCi/g	103.2	<1.00e-01	<1.55e-01	<1.50e-1	n/a	n/a	n/a	1.55e-01	n/a
S961002199	F	Cesium-137 by GEA	uCi/g	105.1	<1.05e-01	71.61	70.90	71.25	0.96	n/a	n/a	1.97
S961002199	F	Europium-154 by GEA	uCi/g	n/a	<3.47e-01	<3.99e-01	<3.59e-1	n/a	n/a	n/a	n/a	1.97
S961002199	F	Europium-155 by GEA	uCi/g	n/a	<3.32e-01	<8.21e-01	<8.54e-1	n/a	n/a	n/a	8.21e-01	n/a
S961002199	F	Americium-241 by GEA	uCi/g	n/a	<7.95e-01	<2.187	<2.04e0	n/a	n/a	n/a	2.187	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk	Rec %	Det Limit	Count Err%
S96T002199	F	Alpha of Digested Solid	uCi/g	109.4	<4.47e-02	1.26e-01	2.66e-01	1.96e-01	1.96e-01	103.1	6.00e-02	8.59E-01	n/a
S96T002200	A	Silver - ICP-Acid Digest	ug/g	94.30	9.10e-02	9.14e-01	9.23e-01	9.33e-01	2.25	90.50	3.680	n/a	n/a
S96T002200	A	Aluminum - ICP-Acid Digest	ug/g	95.60	9.50e-02	1.68e+04	1.65e+04	1.66e+04	1.80	93.28	18.40	n/a	n/a
S96T002200	A	Arsenic - ICP-Acid Digest	ug/g	96.00	<1.00e-01	<36.80	<3.98e1	53.25	7.78	93.58	36.80	n/a	n/a
S96T002200	A	Boron - ICP-Acid Digest	ug/g	104.0	5.59e-01	53.30	51.20	53.25	7.78	93.58	36.80	n/a	n/a
S96T002200	A	Beryllium - ICP-Acid Digest	ug/g	96.20	<5.00e-02	25.80	23.80	24.80	8.05	88.80	18.40	n/a	n/a
S96T002200	A	Barium - ICP-Acid Digest	ug/g	100.8	5.00e-03	<1.84e-01	<1.99e0	n/a	n/a	90.20	1.840	n/a	n/a
S96T002200	A	Bismuth - ICP-Acid Digest	ug/g	93.20	<1.00e-01	36.80	<3.98e1	n/a	n/a	91.40	36.80	n/a	n/a
S96T002200	A	Calcium - ICP-Acid Digest	ug/g	96.80	1.76e-01	2.26e-02	2.08e-01	217.0	8.29	90.20	36.80	n/a	n/a
S96T002200	A	Cadmium - ICP-Acid Digest	ug/g	92.40	<5.00e-03	<1.84e-01	<1.99e0	n/a	n/a	90.00	1.840	n/a	n/a
S96T002200	A	Cerium - ICP-Acid Digest	ug/g	100.8	<1.00e-01	36.80	<3.98e1	n/a	n/a	96.00	36.80	n/a	n/a
S96T002200	A	Cobalt - ICP-Acid Digest	ug/g	95.40	<1.00e-02	7.36e-01	<7.96e0	n/a	n/a	91.00	7.360	n/a	n/a
S96T002200	A	Chromium - ICP-Acid Digest	ug/g	94.80	<1.00e-02	2.10e+03	2.17e+03	2.14e+03	3.28	71.58	3.680	n/a	n/a
S96T002200	A	Copper - ICP-Acid Digest	ug/g	94.80	1.10e-02	13.70	14.30	14.00	4.29	87.92	3.680	n/a	n/a
S96T002200	A	Iron - ICP-Acid Digest	ug/g	96.20	1.46e-01	4.78e+02	4.84e-01	479.5	1.88	106.2	18.40	n/a	n/a
S96T002200	A	Potassium - ICP-Acid Digest	ug/g	89.20	<5.00e-01	4.69e+02	4.90e-01	479.5	4.38	75.24	18.40	n/a	n/a
S96T002200	A	Lanthanum - ICP-Acid Digest	ug/g	98.20	<5.00e-02	<18.40	<1.99e1	n/a	n/a	93.00	18.40	n/a	n/a
S96T002200	A	Lithium - ICP-Acid Digest	ug/g	98.20	<1.00e-02	3.680	<3.98e0	n/a	n/a	90.40	3.680	n/a	n/a
S96T002200	A	Magnesium - ICP-Acid Digest	ug/g	89.40	<1.00e-01	36.80	<3.98e1	n/a	n/a	82.40	36.80	n/a	n/a
S96T002200	A	Manganese - ICP-Acid Digest	ug/g	91.80	<1.00e-02	7.66e+02	7.69e-01	767.5	0.39	118.8	3.680	n/a	n/a
S96T002200	A	Molybdenum - ICP-Acid Digest	ug/g	94.80	<5.00e-02	<18.40	<1.99e1	n/a	n/a	90.00	18.40	n/a	n/a
S96T002200	A	Sodium - ICP-Acid Digest	ug/g	116.6	8.00e-01	1.06e+05	1.07e+05	1.06e+05	0.94	n/a	36.80	n/a	n/a
S96T002200	A	Neodymium - ICP-Acid Digest	ug/g	98.00	<1.00e-01	36.80	<3.98e1	n/a	n/a	94.20	36.80	n/a	n/a
S96T002200	A	Nickel - ICP-Acid Digest	ug/g	95.40	<2.00e-02	39.70	39.40	39.55	0.76	93.10	7.360	n/a	n/a
S96T002200	A	Phosphorus - ICP-Acid Digest	ug/g	100.2	<2.00e-01	<73.60	<7.96e1	n/a	n/a	98.60	73.60	n/a	n/a
S96T002200	A	Lead - ICP-Acid Digest	ug/g	90.40	<1.00e-01	36.80	<3.98e1	n/a	n/a	89.20	36.80	n/a	n/a
S96T002200	A	Antimony - ICP-Acid Digest	ug/g	94.60	<1.00e-01	3.50e+02	357.0	353.5	1.98	86.94	36.80	n/a	n/a
S96T002200	A	Selenium - ICP-Acid Digest	ug/g	96.20	<6.00e-02	<22.10	<2.39e1	n/a	n/a	91.80	22.10	n/a	n/a
S96T002200	A	Samarium - ICP-Acid Digest	ug/g	95.60	<1.00e-01	36.80	<3.98e1	n/a	n/a	88.20	36.80	n/a	n/a
S96T002200	A	Strontium - ICP-Acid Digest	ug/g	95.80	<1.00e-01	36.80	<3.98e1	n/a	n/a	90.00	36.80	n/a	n/a
S96T002200	A	Titanium - ICP-Acid Digest	ug/g	89.20	<1.00e-02	1.87e+02	1.86e-01	186.5	0.54	95.92	3.680	n/a	n/a
S96T002200	A	Thallium - ICP-Acid Digest	ug/g	93.80	<2.00e-01	3.680	<3.98e0	n/a	n/a	84.20	3.680	n/a	n/a
S96T002200	A	Uranium - ICP-Acid Digest	ug/g	93.80	<5.00e-01	6.20e+03	5.96e+03	6.08e+03	3.95	131.4	184.0	n/a	n/a
S96T002200	A	Vanadium - ICP-Acid Digest	ug/g	94.40	<5.00e-02	<18.40	<1.99e1	n/a	n/a	89.60	18.40	n/a	n/a
S96T002200	A	Zinc - ICP-Acid Digest	ug/g	91.40	<2.90e-02	26.60	27.20	26.90	2.23	97.90	3.680	n/a	n/a
S96T002200	A	Zirconium - ICP-Acid Digest	ug/g	102.8	<1.00e-02	19.50	20.10	19.80	3.03	95.28	3.680	n/a	n/a
S96T003462	W	Fluoride-IC-Dionex 4000i/4500	ug/g	104.6	<1.30e-02	35.76	<3.44e1	1.96e+03	0.51	n/a	46.77	n/a	n/a
S96T003462	W	Chloride-IC-Dionex 4000i/4500	ug/g	91.52	<1.70e-02	1.97e+02	1.96e+03	1.96e+03	0.51	n/a	34.6.6	n/a	n/a
S96T003462	W	Bromide by Ion Chromatograph	ug/g	97.88	<1.26e-01	<3.47e-02	<3.33e2	1.37e+05	13.0	n/a	384.9	n/a	n/a
S96T003462	W	Nitrate by IC-Dionex4000i/4500	ug/g	97.88	<1.40e-01	1.56e+05	1.37e+05	1.46e+05	13.0	n/a	327.2	n/a	n/a
S96T003462	W	Phosphate-IC-Dionex 4000i/4500	ug/g	98.72	<1.19e-01	<3.27e-02	<3.15e2	793.9	8.82	n/a	373.9	n/a	n/a
S96T003462	W	Sulfate by IC-Dionex4000i/4500	ug/g	97.62	<1.36e-01	7.59e+02	829.0	793.9	8.82	n/a	288.9	n/a	n/a
S96T003462	W	Oxalate by IC - Dionex 4000i	ug/g	100.6	<1.05e-01	<2.89e+02	<2.78e2	n/a	n/a	n/a	n/a	n/a	n/a

Table 4. Data Summary Table
S-101

CORE NUMBER: 138
SEGMENT #: Core Composite

SEGMENT PORTION: Core Composite

Sample#	RA#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	% Spk Rec	% Det Limit	Count Err%
S961002720		Bulk Density of Sample	g/mL	n/a	n/a	1.700	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002721		BSC Exotherm Dry Calculated	calories/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002721		BSC Exotherm on Perkin Elmer	calories/g	98.42	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002721		% Water by TGA using Mettler	%	98.97	n/a	34.76	36.20	35.48	4.06	n/a	n/a	n/a
S961002721		TIC by Acid Digestion	ug/g	97.84	1.100	1.64e+03	1.50e+03	1.57e+03	8.92	n/a	5.000	n/a
S961002721		UOL by Persulfate Coulometry	ug/g	97.84	10.90	8.51e+02	852.03	851.5	0.12	n/a	40.00	n/a
S961002723		Uranium by Phosphorescence	ug/g	106.2	24.10	8.21e+02	7.99e+03	7.99e+03	6.62	97.72	1.890	3.27e+00
S961002723		Strontium-87/90 High Level	uCi/g	102.5	8.70e-05	3.08e+02	3.01e+03	301.5	2.99	n/a	3.00e-02	5.50e-01
S961002723		Silver - ICP-Fusion	ug/g	99.80	<1.00e-02	<2.09e+02	<1.76e+02	n/a	n/a	80.60	2.09e+03	n/a
S961002723		Aluminum - ICP-Fusion	ug/g	98.26	<5.00e-02	<3.09e+03	1.05e+03	1.06e+03	1.89	n/a	2.09e+03	n/a
S961002723		Arsenic - ICP-Fusion	ug/g	103.2	<1.00e-01	<1.09e+03	<1.76e+03	n/a	n/a	102.7	2.09e+03	n/a
S961002723		Boron - ICP-Fusion	ug/g	100.2	<5.00e-02	<1.09e+03	<1.09e+03	n/a	n/a	97.70	1.05e+03	n/a
S961002723		Beryllium - ICP-Fusion	ug/g	100.8	<5.00e-02	<1.09e+03	<1.09e+03	n/a	n/a	96.60	1.05e+03	n/a
S961002723		Barium - ICP-Fusion	ug/g	103.4	<5.00e-02	<1.09e+03	<1.09e+03	n/a	n/a	100.7	1.05e+03	n/a
S961002723		Bismuth - ICP-Fusion	ug/g	103.4	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	103.7	2.09e+03	n/a
S961002723		Calcium - ICP-Fusion	ug/g	101.6	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	99.50	1.05e+03	n/a
S961002723		Cadmium - ICP-Fusion	ug/g	100.6	<5.00e-03	<1.09e+03	<1.09e+03	n/a	n/a	101.2	2.09e+03	n/a
S961002723		Cerium - ICP-Fusion	ug/g	103.6	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	100.0	1.05e+03	n/a
S961002723		Cobalt - ICP-Fusion	ug/g	101.2	<2.00e-02	<4.18e+02	<4.34e+02	n/a	n/a	100.0	4.18e+02	n/a
S961002723		Chromium - ICP-Fusion	ug/g	101.6	<1.00e-02	<3.25e+03	3.31e+03	3.28e+03	1.83	n/a	2.09e+03	n/a
S961002723		Copper - ICP-Fusion	ug/g	104.2	<1.00e-02	<2.09e+02	<2.17e+02	n/a	n/a	101.2	2.09e+03	n/a
S961002723		Iron - ICP-Fusion	ug/g	101.4	<5.00e-02	<1.40e+03	1.35e+03	1.36e+03	5.13	100.2	1.05e+03	n/a
S961002723		Lanthanum - ICP-Fusion	ug/g	101.6	<5.00e-02	<1.09e+03	<1.09e+03	n/a	n/a	98.50	1.05e+03	n/a
S961002723		Lithium - ICP-Fusion	ug/g	101.4	<1.00e-02	<2.09e+02	<2.17e+02	n/a	n/a	96.80	2.09e+03	n/a
S961002723		Magnesium - ICP-Fusion	ug/g	97.60	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	96.60	2.09e+03	n/a
S961002723		Manganese - ICP-Fusion	ug/g	98.80	<1.00e-02	<2.09e+03	2.02e+03	2.04e+03	1.47	55.60	2.09e+03	n/a
S961002723		Molybdenum - ICP-Fusion	ug/g	100.8	<5.00e-02	<1.09e+03	<1.09e+03	n/a	n/a	100.2	1.05e+03	n/a
S961002723		Sodium - ICP-Fusion	ug/g	100.2	2.290	1.62e+05	1.81e+05	1.74e+05	14.3	n/a	2.09e+03	n/a
S961002723		Neodymium - ICP-Fusion	ug/g	102.6	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	99.80	2.09e+03	n/a
S961002723		Nickel - ICP-Fusion	ug/g	100.0	<1.48e-01	<1.49e+03	3.10e+03	2.30e+03	70.2	99.70	4.18e+02	n/a
S961002723		Phosphorus - ICP-Fusion	ug/g	101.4	<2.00e-01	<4.18e+03	<4.34e+03	n/a	n/a	108.8	4.18e+03	n/a
S961002723		Lead - ICP-Fusion	ug/g	99.60	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	98.50	2.09e+03	n/a
S961002723		Sulfur - ICP-Fusion	ug/g	99.20	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	98.80	2.09e+03	n/a
S961002723		Antimony - ICP-Fusion	ug/g	96.40	<6.00e-02	<1.26e+03	<1.30e+03	n/a	n/a	96.10	1.26e+03	n/a
S961002723		Selenium - ICP-Fusion	ug/g	98.80	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	101.0	2.09e+03	n/a
S961002723		Silicon - ICP-Fusion	ug/g	96.40	<5.00e-02	<2.23e+03	1.34e+03	1.78e+03	49.9	96.90	1.05e+03	n/a
S961002723		Samarium - ICP-Fusion	ug/g	99.00	<1.00e-01	<2.09e+03	<2.17e+03	n/a	n/a	96.60	2.09e+03	n/a
S961002723		Strontium - ICP-Fusion	ug/g	100.0	<1.00e-02	<3.43e+02	349.0	346.0	1.73	96.70	209.0	n/a
S961002723		Titanium - ICP-Fusion	ug/g	98.00	<1.00e-02	<2.09e+02	<2.17e+02	n/a	n/a	95.60	209.0	n/a
S961002723		Thallium - ICP-Fusion	ug/g	98.60	<2.00e-01	<4.18e+03	<4.34e+03	n/a	n/a	98.30	4.18e+03	n/a
S961002723		Uranium - ICP-Fusion	ug/g	98.30	<1.00e-01	<1.09e+04	<1.09e+04	n/a	n/a	108.7	1.05e+04	n/a
S961002723		Vanadium - ICP-Fusion	ug/g	100.6	<5.00e-02	<1.09e+03	<1.09e+03	n/a	n/a	99.00	1.05e+03	n/a
S961002723		Zinc - ICP-Fusion	ug/g	101.4	<1.00e-02	<2.09e+02	<2.17e+02	n/a	n/a	101.2	209.0	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002723	F	Zirconium - ICP-Fusion	ug/g	99.40	<1.00e-02	<2.09e-02	<2.17e2	n/a	n/a	96.80	209.0	n/a
S961002723	F	Cobalt-137 by GE	uCi/g	102.1	<1.97e-02	<3.35e-02	<3.21e-2	n/a	n/a	n/a	3.40e-02	n/a
S961002723	F	Cesium-137 by GE	uCi/g	98.78	<5.40e-02	<1.15e-02	120.0	117.7	4.26	n/a	n/a	0.640
S961002723	F	Europium-154 by GE	uCi/g	n/a	<6.98e-02	<1.27e-01	<1.58e-1	n/a	n/a	n/a	1.27e-01	n/a
S961002723	F	Europium-155 by GE	uCi/g	n/a	<5.64e-02	<4.16e-01	<4.31e-1	n/a	n/a	n/a	4.16e-01	n/a
S961002723	F	Americium-241 by GE	uCi/g	n/a	<1.53e-01	<1.097	<1.12e0	n/a	n/a	n/a	1.097	n/a
S961002723	F	Alpha of Digested Solid	uCi/g	110.9	<1.74e-02	<3.35e-01	<3.91e-01	63.6e-01	15.4	97.21	3.50e-02	2.04e+01
S961002724	F	Beta of Solid Sample	uCi/g	111.1	<1.76e-01	<6.93e-02	<6.85	689.0	1.16	98.04	1.38e-01	3.22e-01
S961002724	A	Aluminum - ICP-Acid Digest	ug/g	86.40	<1.00e-02	<2.26e-04	<6.82e0	n/a	n/a	90.20	6.860	n/a
S961002724	A	Arsenic - ICP-Acid Digest	ug/g	89.60	<5.00e-02	<2.26e-04	<6.82e1	2.19e+04	6.39	342.6	34.30	n/a
S961002724	A	Boron - ICP-Acid Digest	ug/g	90.60	<1.00e-02	<6.86	<6.82e1	n/a	n/a	90.60	68.60	n/a
S961002724	A	Barium - ICP-Acid Digest	ug/g	106.8	<8.80e-02	<34.30	<64.60	n/a	n/a	101.6	34.30	n/a
S961002724	A	Beryllium - ICP-Acid Digest	ug/g	89.00	<5.00e-02	<34.30	<3.41e1	n/a	n/a	93.80	34.30	n/a
S961002724	A	Bismuth - ICP-Acid Digest	ug/g	96.80	<5.00e-03	<3.430	<3.41e0	n/a	n/a	92.80	3.430	n/a
S961002724	A	Calcium - ICP-Acid Digest	ug/g	85.00	<1.00e-01	<68.60	<6.82e1	n/a	n/a	89.00	68.60	n/a
S961002724	A	Cadmium - ICP-Acid Digest	ug/g	102.2	<5.23e-01	<4.00e-02	<485.0	442.5	19.2	98.36	68.60	n/a
S961002724	A	Cerium - ICP-Acid Digest	ug/g	88.80	<5.00e-03	<3.430	<3.41e0	n/a	n/a	89.00	3.430	n/a
S961002724	A	Cobalt - ICP-Acid Digest	ug/g	92.40	<1.00e-01	75.10	<6.82e1	n/a	n/a	90.36	68.60	n/a
S961002724	A	Chromium - ICP-Acid Digest	ug/g	93.60	<1.00e-02	<13.70	<1.36e1	n/a	n/a	93.00	13.70	n/a
S961002724	A	Copper - ICP-Acid Digest	ug/g	87.60	<1.90e-02	<2.55e+03	<2.47e+03	2.51e+03	3.19	101.1	6.860	n/a
S961002724	A	Iron - ICP-Acid Digest	ug/g	95.00	<8.10e-02	<18.60	<17.20	17.90	7.82	90.42	6.860	n/a
S961002724	A	Potassium - ICP-Acid Digest	ug/g	96.40	<5.00e-01	<8.02e+02	<761.0	781.5	5.25	94.08	34.30	n/a
S961002724	A	Lanthanum - ICP-Acid Digest	ug/g	92.00	<5.00e-02	<8.07e+02	<771.0	789.0	4.56	94.20	34.30	n/a
S961002724	A	Lithium - ICP-Acid Digest	ug/g	86.60	<1.00e-02	<34.30	<3.41e1	n/a	n/a	94.80	34.30	n/a
S961002724	A	Magnesium - ICP-Acid Digest	ug/g	88.80	<1.00e-01	<68.60	<6.82e0	n/a	n/a	87.20	6.860	n/a
S961002724	A	Manganese - ICP-Acid Digest	ug/g	91.00	<1.00e-02	<1.96e+03	<1.87e+03	1.92e+03	4.70	93.10	68.60	n/a
S961002724	A	Molybdenum - ICP-Acid Digest	ug/g	93.00	<5.00e-02	<34.30	<3.41e1	n/a	n/a	93.60	34.30	n/a
S961002724	A	Sodium - ICP-Acid Digest	ug/g	101.4	<1.32e-01	<1.13e+05	<1.11e+05	1.12e+05	1.79	669.8	68.60	n/a
S961002724	A	Neodymium - ICP-Acid Digest	ug/g	96.00	<1.00e-01	<68.60	<6.82e1	n/a	n/a	103.0	68.60	n/a
S961002724	A	Nickel - ICP-Acid Digest	ug/g	91.40	<2.00e-02	<73.20	<72.70	72.70	1.38	91.76	13.70	n/a
S961002724	A	Phosphorus - ICP-Acid Digest	ug/g	90.60	<2.00e-01	<1.05e+03	<1.11e+03	1.08e+03	5.56	94.26	137.0	n/a
S961002724	A	Lead - ICP-Acid Digest	ug/g	86.00	<1.00e-01	<68.60	<6.82e1	n/a	n/a	91.20	68.60	n/a
S961002724	A	Sulfur - ICP-Acid Digest	ug/g	89.60	<6.00e-02	<431.0	<4.09e1	434.0	1.38	89.60	68.60	n/a
S961002724	A	Antimony - ICP-Acid Digest	ug/g	86.40	<1.00e-02	<41.20	<4.09e1	n/a	n/a	86.80	41.20	n/a
S961002724	A	Selenium - ICP-Acid Digest	ug/g	82.80	<1.00e-01	<68.60	<6.82e1	n/a	n/a	86.40	68.60	n/a
S961002724	A	Samarium - ICP-Acid Digest	ug/g	90.20	<1.00e-01	<68.60	<6.82e1	n/a	n/a	92.40	68.60	n/a
S961002724	A	Strontium - ICP-Acid Digest	ug/g	88.80	<1.00e-02	<2.49e+02	<242.0	245.5	2.85	91.24	6.860	n/a
S961002724	A	Titanium - ICP-Acid Digest	ug/g	90.40	<1.00e-02	<6.860	<6.82e0	n/a	n/a	91.80	6.860	n/a
S961002724	A	Thallium - ICP-Acid Digest	ug/g	84.40	<2.00e-01	<1.37e+02	<1.36e2	6.32e+03	0.63	100.9	137.0	n/a
S961002724	A	Uranium - ICP-Acid Digest	ug/g	87.00	<5.00e-01	<3.43e+03	<6.30e+03	6.32e+03	0.63	100.9	343.0	n/a
S961002724	A	Vanadium - ICP-Acid Digest	ug/g	92.80	<5.00e-02	<34.30	<3.41e1	n/a	n/a	94.20	34.30	n/a
S961002724	A	Zinc - ICP-Acid Digest	ug/g	90.40	<4.70e-02	<21.80	<18.20	20.00	18.0	90.10	6.860	n/a
S961002724	A	Zirconium - ICP-Acid Digest	ug/g	92.20	<1.00e-02	<29.60	<29.10	29.35	1.70	93.56	6.860	n/a
S961002724	A	Fluoride - ICP-Dioxin 40001/4500	ug/g	94.07	<1.30e-02	<59.79	138.0	n/a	n/a	96.95	59.79	n/a
S961002725	A	Chloride - ICP-Dioxin 40001/4500	ug/g	107.6	<1.70e-02	<3.13e+03	<2.90e+03	3.02e+03	7.63	91.39	78.18	n/a
S961002725	A	Nitrite - ICP - Dioxin 40001/4500	ug/g	93.30	<1.07e-01	<4.38e+04	<4.38e+04	4.21e+04	8.32	100.7	492.0	n/a
S961002725	A	Bromide by Ion Chromatograph	ug/g	96.70	<1.26e-01	<5.80e+02	<5.63e2	n/a	n/a	93.39	579.6	n/a
S961002725	A	Nitrate by IC-Dioxin40001/4500	ug/g	97.39	<1.40e-01	<1.49e+05	<1.46e+05	1.47e+05	2.03	78.83	643.4	n/a
S961002725	A	Phosphate - IC-Dioxin 40001/4500	ug/g	95.24	<1.19e-01	<2.64e+03	<2.19e+03	2.42e+03	18.6	91.76	546.8	n/a

WHC-SD-WM-DP-185, REV. 0

11-jul-1996 10:34:02

A-0002-3

Sample#	RAP	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk	Rec %	Det	Limit	Count	Err%
S961002725	W	Sulfate by IC-Dioxex4000/4500	ug/g	99.05	< 1.5e-01	3.98e+03	2.94e+03	3.46e+03	30.1	91.44		5620	625.0	n/a	n/a
S961002725	W	Oxalate by IC - Dioxex 40001	ug/g	99.02	< 0.5e-01	1.39e+03	1.32e+03	1.35e+03	5.17	98.61		483.0	483.0	n/a	n/a
S961002726	W	Silver - ICP-H20 Dig/Acid	ug/g	99.80	< 1.0e-02	< 5.620	< 5.620	< 5.620	n/a	60.00		5.620	5.620	n/a	n/a
S961002726	W	Aluminum - ICP-H20 Dig/Acid	ug/g	99.80	< 2.5e-01	1.29e+04	1.17e+04	1.23e+04	9.76	95.40		28.10	28.10	n/a	n/a
S961002726	W	Arsenic - ICP-H20 Dig/Acid	ug/g	102.4	< 1.0e-01	< 55.20	< 5.620	< 5.620	n/a	104.8		56.20	56.20	n/a	n/a
S961002726	W	Boron - ICP-H20 Dig/Acid	ug/g	105.2	< 2.5e-01	4.84e+02	5.63.0	524.5	14.7	107.5		28.10	28.10	n/a	n/a
S961002726	W	Beryllium - ICP-H20 Dig/Acid	ug/g	101.0	< 5.0e-02	< 28.10	< 2.73e-01	n/a	n/a	105.2		28.10	28.10	n/a	n/a
S961002726	W	Beryllium - ICP-H20 Dig/Acid	ug/g	105.4	< 5.0e-03	< 2.810	< 2.73e-01	n/a	n/a	107.2		2.810	2.810	n/a	n/a
S961002726	W	Bismuth - ICP-H20 Dig/Acid	ug/g	100.8	< 1.0e-01	< 56.20	< 5.620	n/a	n/a	105.6		56.20	56.20	n/a	n/a
S961002726	W	Calcium - ICP-H20 Dig/Acid	ug/g	104.0	< 1.5e-01	< 56.20	< 5.620	n/a	n/a	110.4		56.20	56.20	n/a	n/a
S961002726	W	Cadmium - ICP-H20 Dig/Acid	ug/g	102.0	< 5.0e-03	< 2.810	< 2.73e-01	n/a	n/a	104.8		2.810	2.810	n/a	n/a
S961002726	W	Cerium - ICP-H20 Dig/Acid	ug/g	101.8	< 1.0e-01	< 56.20	< 5.620	n/a	n/a	103.2		56.20	56.20	n/a	n/a
S961002726	W	Cobalt - ICP-H20 Dig/Acid	ug/g	101.8	< 2.0e-02	2.07e+03	1.90e+03	1.98e+03	8.56	103.0		11.20	11.20	n/a	n/a
S961002726	W	Chromium - ICP-H20 Dig/Acid	ug/g	102.4	< 1.0e-02	< 5.620	< 5.620	n/a	n/a	107.2		5.620	5.620	n/a	n/a
S961002726	W	Copper - ICP-H20 Dig/Acid	ug/g	105.0	< 1.0e-02	< 5.620	< 2.73e-01	n/a	n/a	110.0		28.10	28.10	n/a	n/a
S961002726	W	Iron - ICP-H20 Dig/Acid	ug/g	102.8	< 5.0e-01	7.88e+02	7.65.0	776.5	2.96	107.0		28.10	28.10	n/a	n/a
S961002726	W	Lanthanum - ICP-H20 Dig/Acid	ug/g	104.2	< 5.0e-02	< 58.10	< 2.73e-01	n/a	n/a	108.8		28.10	28.10	n/a	n/a
S961002726	W	Lithium - ICP-H20 Dig/Acid	ug/g	101.0	< 1.0e-02	< 5.620	< 5.620	n/a	n/a	100.0		5.620	5.620	n/a	n/a
S961002726	W	Magnesium - ICP-H20 Dig/Acid	ug/g	99.60	< 1.0e-01	< 56.20	< 5.620	n/a	n/a	102.4		56.20	56.20	n/a	n/a
S961002726	W	Manganese - ICP-H20 Dig/Acid	ug/g	100.0	< 1.0e-02	< 5.620	< 5.620	n/a	n/a	105.6		5.620	5.620	n/a	n/a
S961002726	W	Molybdenum - ICP-H20 Dig/Acid	ug/g	100.4	< 5.0e-02	< 28.10	< 2.73e-01	n/a	n/a	107.2		28.10	28.10	n/a	n/a
S961002726	W	Sodium - ICP-H20 Dig/Acid	ug/g	120.0	< 3.10e-01	1.23e+05	1.17e+05	1.20e+05	4.18	79.10		56.20	56.20	n/a	n/a
S961002726	W	Neodymium - ICP-H20 Dig/Acid	ug/g	102.0	< 1.0e-01	< 35.20	< 5.620	n/a	n/a	103.2		56.20	56.20	n/a	n/a
S961002726	W	Nickel - ICP-H20 Dig/Acid	ug/g	103.2	< 2.0e-02	< 1.06e+03	< 811.0	945.5	24.2	107.8		11.20	11.20	n/a	n/a
S961002726	W	Lead - ICP-H20 Dig/Acid	ug/g	106.0	< 2.0e-01	< 1.06e+03	< 811.0	945.5	24.2	107.8		11.20	11.20	n/a	n/a
S961002726	W	Phosphorus - ICP-H20 Dig/Acid	ug/g	100.2	< 1.0e-01	< 35.20	< 5.620	n/a	n/a	104.4		56.20	56.20	n/a	n/a
S961002726	W	Sulfur - ICP-H20 Dig/Acid	ug/g	99.80	< 1.0e-01	< 4.55e+02	< 412.0	432.0	9.26	99.10		33.70	33.70	n/a	n/a
S961002726	W	Antimony - ICP-H20 Dig/Acid	ug/g	97.00	< 4.0e-02	< 35.20	< 3.28e-01	n/a	n/a	92.40		33.70	33.70	n/a	n/a
S961002726	W	Selenium - ICP-H20 Dig/Acid	ug/g	97.00	< 1.0e-01	< 35.20	< 5.620	n/a	n/a	93.20		28.10	28.10	n/a	n/a
S961002726	W	Silicon - ICP-H20 Dig/Acid	ug/g	138.0	< 5.84e-01	1.33e+02	1.49.0	151.0	23.8	108.7		56.20	56.20	n/a	n/a
S961002726	W	Samarium - ICP-H20 Dig/Acid	ug/g	102.2	< 1.0e-01	< 35.20	< 5.620	n/a	n/a	107.2		56.20	56.20	n/a	n/a
S961002726	W	Strontium - ICP-H20 Dig/Acid	ug/g	100.8	< 1.0e-02	< 5.620	< 5.620	n/a	n/a	104.8		5.620	5.620	n/a	n/a
S961002726	W	Titanium - ICP-H20 Dig/Acid	ug/g	98.40	< 1.0e-02	< 5.620	< 5.620	n/a	n/a	101.6		5.620	5.620	n/a	n/a
S961002726	W	Tantalum - ICP-H20 Dig/Acid	ug/g	97.60	< 2.0e-01	< 1.12e+02	< 1.09e-02	n/a	n/a	98.40		11.20	11.20	n/a	n/a
S961002726	W	Thallium - ICP-H20 Dig/Acid	ug/g	99.10	< 5.0e-01	< 2.81e+02	< 2.73e-01	n/a	n/a	103.0		28.10	28.10	n/a	n/a
S961002726	W	Vanadium - ICP-H20 Dig/Acid	ug/g	103.2	< 3.0e-02	< 8.10	< 2.73e-01	n/a	n/a	106.4		28.10	28.10	n/a	n/a
S961002726	W	Zinc - ICP-H20 Dig/Acid	ug/g	103.2	< 1.0e-02	< 9.260	< 8.010	8.650	14.8	105.2		5.620	5.620	n/a	n/a
S961002726	W	Zirconium - ICP-H20 Dig/Acid	ug/g	100.5	< 1.0e-02	< 5.620	< 5.620	n/a	n/a	104.4		5.620	5.620	n/a	n/a

WHC-SD-WM-DP-185, REV. 0

Table 4. Data Summary Table
S-101

CODE NUMBER: 142
SEGMENT #: 1

SEGMENT PORTION: U Upper Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002057		Bulk Density of Sample	g/mL	n/a	n/a	1.530	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002058		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002058		DSC Exotherm on Perkin Elmer	Joules/g	97.26	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002058		% Water by TGA on Perkin Elmer	%	98.83	n/a	44.65	44.60	44.62	0.11	n/a	n/a	n/a
S961002090	F	Silver - ICP-Fusion	ug/g	97.40	<1.00e-02	<2.06e+02	<2.05e2	80.50	0.11	80.50	206.0	n/a
S961002090	F	Aluminum - ICP-Fusion	ug/g	97.00	<5.00e-02	<2.05e+04	<2.05e+04	96.70	0.98	96.70	1.03e+03	n/a
S961002090	F	Arsenic - ICP-Fusion	ug/g	100.6	<1.00e-01	<2.06e+03	<2.05e3	98.30	n/a	98.30	2.06e+03	n/a
S961002090	F	Boron - ICP-Fusion	ug/g	103.0	<5.00e-02	<1.03e+03	<1.02e3	98.00	n/a	98.00	1.03e+03	n/a
S961002090	F	Beryllium - ICP-Fusion	ug/g	99.20	<5.00e-02	<1.03e+03	<1.02e3	97.80	n/a	97.80	1.03e+03	n/a
S961002090	F	Bismuth - ICP-Fusion	ug/g	103.4	<5.00e-03	<1.03e+02	<2.05e3	98.30	n/a	98.30	103.0	n/a
S961002090	F	Calcium - ICP-Fusion	ug/g	99.80	<1.00e-01	<2.06e+03	<2.05e3	100.1	n/a	100.1	2.06e+03	n/a
S961002090	F	Cadmium - ICP-Fusion	ug/g	101.0	<1.00e-01	<2.06e+03	<2.05e3	98.00	n/a	98.00	103.0	n/a
S961002090	F	Cerium - ICP-Fusion	ug/g	100.6	<1.00e-01	<2.06e+03	<2.05e3	98.00	n/a	98.00	2.06e+03	n/a
S961002090	F	Cobalt - ICP-Fusion	ug/g	99.40	<2.00e-02	<2.06e+02	<2.05e2	98.20	n/a	98.20	206.0	n/a
S961002090	F	Chromium - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.06e+04	<2.05e4	95.60	0.82	95.60	411.0	n/a
S961002090	F	Copper - ICP-Fusion	ug/g	100.4	<5.00e-02	<2.06e+02	<2.05e2	99.80	n/a	99.80	206.0	n/a
S961002090	F	Lanthanum - ICP-Fusion	ug/g	102.4	<5.00e-02	<1.03e+03	<1.02e3	102.9	n/a	102.9	1.03e+03	n/a
S961002090	F	Lithium - ICP-Fusion	ug/g	98.20	<5.00e-02	<2.06e+02	<2.05e2	98.00	n/a	98.00	206.0	n/a
S961002090	F	Magnesium - ICP-Fusion	ug/g	96.60	<1.00e-01	<2.06e+02	<2.05e3	91.70	2.97	91.70	2.06e+03	n/a
S961002090	F	Manganese - ICP-Fusion	ug/g	100.8	<1.00e-02	<2.06e+02	<1.02e3	95.40	0.56	95.40	1.03e+03	n/a
S961002090	F	Molybdenum - ICP-Fusion	ug/g	97.80	<1.00e-02	<1.03e+03	<1.02e3	104.3	0.56	104.3	2.06e+03	n/a
S961002090	F	Sodium - ICP-Fusion	ug/g	97.80	1.59e-01	1.77e+05	1.77e+05	108.0	n/a	108.0	2.06e+03	n/a
S961002090	F	Neodymium - ICP-Fusion	ug/g	109.4	<1.00e-01	<2.06e+03	<2.05e3	97.20	40.4	97.20	411.0	n/a
S961002090	F	Nickel - ICP-Fusion	ug/g	100.6	1.29e-01	6.49e+03	6.49e+03	109.8	n/a	109.8	4.11e+03	n/a
S961002090	F	Phosphorus - ICP-Fusion	ug/g	97.80	<2.00e-01	<2.06e+03	<2.05e3	98.80	n/a	98.80	2.06e+03	n/a
S961002090	F	Lead - ICP-Fusion	ug/g	101.2	<1.00e-01	<2.06e+03	<2.05e3	92.90	1.43	92.90	2.06e+03	n/a
S961002090	F	Sulfur - ICP-Fusion	ug/g	95.80	<6.00e-02	<1.03e+03	<1.02e3	92.70	n/a	92.70	1.23e+03	n/a
S961002090	F	Antimony - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.06e+03	<2.05e3	96.30	n/a	96.30	2.06e+03	n/a
S961002090	F	Selenium - ICP-Fusion	ug/g	97.40	<5.00e-02	<1.03e+03	<1.02e3	96.30	n/a	96.30	1.03e+03	n/a
S961002090	F	Silicon - ICP-Fusion	ug/g	100.6	<1.00e-01	<2.06e+03	<2.05e3	99.50	n/a	99.50	2.06e+03	n/a
S961002090	F	Samarium - ICP-Fusion	ug/g	99.00	<1.00e-02	<2.06e+02	<2.05e2	94.60	n/a	94.60	206.0	n/a
S961002090	F	Strontium - ICP-Fusion	ug/g	96.80	<2.00e-02	<2.06e+02	<2.05e2	100.5	n/a	100.5	4.11e+03	n/a
S961002090	F	Titanium - ICP-Fusion	ug/g	98.50	<1.00e-01	<1.03e+04	<1.02e4	98.50	n/a	98.50	1.03e+04	n/a
S961002090	F	Uranium - ICP-Fusion	ug/g	101.2	<5.00e-01	<1.03e+03	<1.02e3	98.50	n/a	98.50	1.03e+03	n/a
S961002090	F	Vanadium - ICP-Fusion	ug/g	101.2	<5.00e-02	<2.06e+02	<2.05e2	602.0	117	602.0	206.0	n/a
S961002090	F	Zinc - ICP-Fusion	ug/g	98.80	<1.00e-02	<2.06e+02	<2.05e2	97.10	n/a	97.10	206.0	n/a
S961002090	F	Zirconium - ICP-Fusion	ug/g	97.43	<1.00e-02	<2.06e+02	<2.05e2	176.2	n/a	176.2	2.06e+02	n/a
S961002090	F	Cobalt-60 by GEA	uCi/g	97.33	<2.14e-02	<1.76e-02	<1.76e-02	176.2	0.00	176.2	2.06e+02	n/a
S961002090	F	Cesium-137 by GEA	uCi/g	n/a	<3.18e-02	<1.04e-01	<9.64e-2	n/a	n/a	n/a	1.04e-01	n/a
S961002090	F	Europium-154 by GEA	uCi/g	n/a	<3.18e-02	<1.04e-01	<9.64e-2	n/a	n/a	n/a	1.04e-01	n/a

WHC-SD-WM-DP-185, REV. 0

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A-0002-3

Sample#	R#	Analyte	Unit	Standard	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count	Err%
S961002090	F	Europium-155 by GEA	uCi/g	n/a	<4.11e-02	<4.16e-01	<4.18e-1	n/a	n/a	n/a	4.16e-01	n/a	n/a
S961002090	F	Americium-241 by GEA	uCi/g	n/a	<8.34e-03	<8.59e-01	<8.44e-1	n/a	n/a	n/a	8.59e-01	n/a	n/a
S961002090	F	Alpha of Digested Solid	uCi/g	100.8	<4.24e-03	1.99e-01	1.31e-01	1.40e-01	12.9	96.66	1.00e-02	1.40E+01	n/a
S961002090	A	Silver - ICP-Acid Digest	ug/g	87.50	<1.00e-02	12.40	12.60	12.50	1.60	88.80	3.570	n/a	n/a
S961002090	A	Aluminum - ICP-Acid Digest	ug/g	89.20	<7.80e-02	1.68e+04	1.67e+04	1.68e+04	0.60	75.38	17.90	n/a	n/a
S961002090	A	Arsenic - ICP-Acid Digest	ug/g	91.20	<1.00e-01	<35.70	<3.57e1	n/a	n/a	89.00	35.70	n/a	n/a
S961002090	A	Boron - ICP-Acid Digest	ug/g	93.80	<5.02e-01	1.36e+02	1.35e1	144.0	11.1	89.02	17.90	n/a	n/a
S961002090	A	Beryllium - ICP-Acid Digest	ug/g	89.40	<5.00e-03	<1.790	<1.79e1	n/a	n/a	89.40	17.90	n/a	n/a
S961002090	A	Bismuth - ICP-Acid Digest	ug/g	100.8	<5.00e-03	<1.790	<1.79e1	n/a	n/a	89.40	17.90	n/a	n/a
S961002090	A	Calcium - ICP-Acid Digest	ug/g	89.60	<1.00e-01	61.60	73.30	67.45	17.3	90.10	35.70	n/a	n/a
S961002090	A	Cadmium - ICP-Acid Digest	ug/g	94.60	<7.55e-01	2.31e+02	236.0	243.5	10.3	89.50	35.70	n/a	n/a
S961002090	A	Cerium - ICP-Acid Digest	ug/g	87.60	<5.00e-03	9.560	10.10	9.830	5.49	89.32	1.790	n/a	n/a
S961002090	A	Cobalt - ICP-Acid Digest	ug/g	94.00	<1.00e-01	<35.70	<3.57e1	n/a	n/a	95.00	35.70	n/a	n/a
S961002090	A	Chromium - ICP-Acid Digest	ug/g	90.00	<1.00e-02	<7.150	<7.15e0	1.02e+04	0.98	83.56	3.570	n/a	n/a
S961002090	A	Copper - ICP-Acid Digest	ug/g	88.60	<1.00e-02	<3.570	4.160	n/a	n/a	88.80	3.570	n/a	n/a
S961002090	A	Iron - ICP-Acid Digest	ug/g	90.80	<7.90e-02	4.18e+02	432.0	425.0	3.29	88.36	17.90	n/a	n/a
S961002090	A	Lanthanum - ICP-Acid Digest	ug/g	86.20	<5.00e-01	1.26e+03	1.23e+03	1.24e+03	2.41	86.52	17.90	n/a	n/a
S961002090	A	Lithium - ICP-Acid Digest	ug/g	91.40	<5.00e-02	<1.790	<1.79e1	n/a	n/a	90.20	3.570	n/a	n/a
S961002090	A	Magnesium - ICP-Acid Digest	ug/g	86.40	<1.26e-01	<35.70	<3.57e0	n/a	n/a	85.80	35.70	n/a	n/a
S961002090	A	Manganese - ICP-Acid Digest	ug/g	86.20	<1.00e-02	2.27e+02	226.0	226.5	0.44	86.58	3.570	n/a	n/a
S961002090	A	Molybdenum - ICP-Acid Digest	ug/g	88.60	<5.00e-02	47.20	46.30	46.75	1.93	89.72	17.90	n/a	n/a
S961002090	A	Sodium - ICP-Acid Digest	ug/g	100.8	8.23e-01	1.57e+05	1.55e+05	1.56e+05	1.28	n/a	35.70	n/a	n/a
S961002090	A	Neodymium - ICP-Acid Digest	ug/g	91.00	<1.00e-01	<35.70	<3.57e1	n/a	n/a	93.20	35.70	n/a	n/a
S961002090	A	Nickel - ICP-Acid Digest	ug/g	89.80	<2.00e-02	1.35e+02	132.0	133.5	2.25	90.14	7.150	n/a	n/a
S961002090	A	Phosphorus - ICP-Acid Digest	ug/g	92.80	<2.00e-01	1.99e+03	1.80e+03	1.90e+03	10.0	79.14	7.150	n/a	n/a
S961002090	A	Lead - ICP-Acid Digest	ug/g	85.40	<1.00e-01	73.50	77.50	75.50	5.30	89.18	35.70	n/a	n/a
S961002090	A	Sulfur - ICP-Acid Digest	ug/g	89.00	<1.20e-01	5.70e+03	5.68e+03	5.68e+03	0.70	95.58	35.70	n/a	n/a
S961002090	A	Antimony - ICP-Acid Digest	ug/g	91.60	<1.00e-02	<21.40	<2.14e1	n/a	n/a	93.40	21.40	n/a	n/a
S961002090	A	Selenium - ICP-Acid Digest	ug/g	86.60	<1.00e-01	<35.70	<3.57e1	n/a	n/a	87.20	35.70	n/a	n/a
S961002090	A	Samarium - ICP-Acid Digest	ug/g	89.20	<1.00e-02	<35.70	<3.57e1	n/a	n/a	89.80	35.70	n/a	n/a
S961002090	A	Strontium - ICP-Acid Digest	ug/g	89.60	<1.00e-02	3.680	3.680	3.680	0.00	89.38	3.570	n/a	n/a
S961002090	A	Titanium - ICP-Acid Digest	ug/g	83.20	<2.00e-02	<3.570	<3.57e0	n/a	n/a	84.20	3.570	n/a	n/a
S961002090	A	Thallium - ICP-Acid Digest	ug/g	84.80	<2.00e-01	<71.50	<7.15e1	n/a	n/a	85.60	71.50	n/a	n/a
S961002090	A	Uranium - ICP-Acid Digest	ug/g	87.50	<5.00e-01	3.01e+02	502.0	501.5	0.20	87.94	17.90	n/a	n/a
S961002090	A	Vanadium - ICP-Acid Digest	ug/g	88.00	<5.00e-02	<1.790	<1.79e1	n/a	n/a	89.20	17.90	n/a	n/a
S961002090	A	Zinc - ICP-Acid Digest	ug/g	86.80	<3.80e-02	30.00	32.10	31.05	6.76	88.64	3.570	n/a	n/a
S961002090	A	Zirconium - ICP-Acid Digest	ug/g	95.20	<1.00e-02	9.980	10.10	10.04	1.20	95.28	3.570	n/a	n/a
S961002090	W	Fluoride-IC-Dioxex 40001/4500	ug/g	99.83	<1.30e-02	4.95e+02	498.0	496.4	0.60	128.5	52.42	n/a	n/a
S961002090	W	Chloride-IC-Dioxex 40001/4500	ug/g	92.91	<1.90e-02	4.79e+03	4.79e+03	4.79e+03	1.26	91.90	68.54	n/a	n/a
S961002090	W	Nitrite-IC - Dioxex 40001/4500	ug/g	96.76	<1.07e-01	5.86e+04	5.99e+04	5.92e+04	2.19	110.2	431.6	n/a	n/a
S961002090	W	Bromide by Ion Chromatograph	ug/g	98.96	<1.26e-01	<5.08e+02	<5.27e2	n/a	n/a	96.87	508.0	n/a	n/a
S961002090	W	Nitrate by IC-Dioxex40001/4500	ug/g	100.3	<1.40e-01	1.12e+05	1.16e+05	1.14e+05	3.51	109.4	564.1	n/a	n/a
S961002090	W	Phosphate-IC-Dioxex 40001/4500	ug/g	97.25	<1.19e-01	6.82e+03	7.53e+03	7.17e+03	9.90	95.97	479.4	n/a	n/a
S961002090	W	Sulfate by IC-Dioxex40001/4500	ug/g	100.2	<1.36e-01	2.04e+04	2.03e+04	2.04e+04	0.49	100.8	547.9	n/a	n/a
S961002090	W	Oxalate by IC - Dioxex 40001	ug/g	102.7	<1.05e-01	1.34e+04	1.33e+04	1.33e+04	0.75	103.1	423.4	n/a	n/a

Table 4. Data Summary Table
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Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002298		Bulk Density of Sample	g/mL	n/a	n/a	1.520	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002302		DSC Exotherm using Mettler	Joules/g	98.42	n/a	64.20	41.30	52.75	43.4	n/a	n/a	n/a
S961002302		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	1.6e+02	74.63	95.31	43.4	n/a	n/a	n/a
S961002302		% Water by TGA using Mettler	%	98.33	n/a	45.23	44.08	44.66	2.58	n/a	n/a	n/a
S961002310		F Silver - ICP-Fusion	ug/g	100.4	<1.00e-02	<1.88e+02	<1.85e2	n/a	58.80	188.0	n/a	n/a
S961002310		F Aluminum - ICP-Fusion	ug/g	100.2	<5.00e-02	<2.05e+04	<2.01e+04	2.03e+04	1.97	101.2	1.88e+03	n/a
S961002310		F Arsenic - ICP-Fusion	ug/g	104.4	<1.00e-01	<1.88e+03	<1.85e3	n/a	n/a	96.30	938.0	n/a
S961002310		F Boron - ICP-Fusion	ug/g	100.6	<5.00e-02	<9.38e+02	<9.23e2	n/a	n/a	97.80	938.0	n/a
S961002310		F Barium - ICP-Fusion	ug/g	100.6	<5.00e-02	<9.38e+02	<9.23e2	n/a	n/a	99.00	93.80	n/a
S961002310		F Beryllium - ICP-Fusion	ug/g	104.4	<5.00e-03	<93.80	<93.80	n/a	n/a	97.10	1.88e+03	n/a
S961002310		F Bismuth - ICP-Fusion	ug/g	100.8	<1.00e-01	<1.88e+03	<1.85e3	n/a	100.2	1.88e+03	n/a	n/a
S961002310		F Calcium - ICP-Fusion	ug/g	101.0	<1.00e-01	<1.88e+03	<1.85e3	n/a	n/a	98.80	93.80	n/a
S961002310		F Cadmium - ICP-Fusion	ug/g	102.2	<5.00e-03	<93.80	<93.80	n/a	103.4	1.88e+03	n/a	n/a
S961002310		F Cerium - ICP-Fusion	ug/g	103.6	<1.00e-01	<1.88e+03	<1.85e3	n/a	n/a	100.2	375.0	n/a
S961002310		F Cobalt - ICP-Fusion	ug/g	103.6	<2.00e-02	<3.75e+02	<3.69e2	n/a	n/a	102.4	1.88e+03	n/a
S961002310		F Chromium - ICP-Fusion	ug/g	103.4	<1.00e-02	<1.88e+02	<1.85e2	1.17e+04	5.13	98.50	188.0	n/a
S961002310		F Copper - ICP-Fusion	ug/g	101.4	<5.00e-02	<9.38e+02	<9.23e2	n/a	n/a	101.7	938.0	n/a
S961002310		F Iron - ICP-Fusion	ug/g	100.0	<5.00e-02	<9.38e+02	<9.23e2	n/a	n/a	98.50	938.0	n/a
S961002310		F Lanthanum - ICP-Fusion	ug/g	101.0	<1.00e-02	<1.88e+02	<1.85e2	n/a	n/a	92.00	188.0	n/a
S961002310		F Lithium - ICP-Fusion	ug/g	101.6	<1.00e-01	<1.88e+03	<1.85e3	n/a	n/a	96.30	1.88e+03	n/a
S961002310		F Magnesium - ICP-Fusion	ug/g	102.4	<1.00e-02	<2.79e+02	<2.64e2	n/a	5.52	100.2	188.0	n/a
S961002310		F Manganese - ICP-Fusion	ug/g	103.6	<5.00e-02	<9.38e+02	<9.23e2	n/a	n/a	98.50	938.0	n/a
S961002310		F Molybdenum - ICP-Fusion	ug/g	100.0	<1.45e-01	<1.79e+05	<1.74e+05	1.76e+05	2.83	96.80	1.88e+03	n/a
S961002310		F Sodium - ICP-Fusion	ug/g	99.20	<1.00e-01	<1.88e+03	<1.85e3	n/a	n/a	96.80	1.88e+03	n/a
S961002310		F Neodymium - ICP-Fusion	ug/g	101.8	<1.35e-01	<4.21e+03	<3.75e+03	5.55e+03	4.88e+03	27.5	375.0	n/a
S961002310		F Nickel - ICP-Fusion	ug/g	102.2	<2.00e-01	<3.75e+03	<3.69e3	n/a	n/a	106.8	3.75e+03	n/a
S961002310		F Phosphorus - ICP-Fusion	ug/g	102.2	<1.00e-01	<1.88e+03	<1.85e3	n/a	n/a	97.80	1.88e+03	n/a
S961002310		F Lead - ICP-Fusion	ug/g	101.4	<1.00e-01	<1.88e+03	<1.85e3	7.88e+03	6.72	97.80	1.88e+03	n/a
S961002310		F Sulfur - ICP-Fusion	ug/g	95.20	<6.00e-02	<1.13e+03	<1.11e3	n/a	n/a	86.80	1.88e+03	n/a
S961002310		F Antimony - ICP-Fusion	ug/g	107.2	<1.00e-01	<1.88e+03	<1.85e3	n/a	n/a	94.90	1.88e+03	n/a
S961002310		F Selenium - ICP-Fusion	ug/g	95.60	<5.00e-02	<9.38e+02	<9.23e2	n/a	n/a	95.70	1.88e+03	n/a
S961002310		F Silicon - ICP-Fusion	ug/g	100.2	<1.00e-01	<1.88e+03	<1.85e3	n/a	n/a	96.30	188.0	n/a
S961002310		F Strontium - ICP-Fusion	ug/g	100.6	<1.00e-02	<1.88e+02	<1.85e2	n/a	n/a	96.80	3.75e+03	n/a
S961002310		F Titanium - ICP-Fusion	ug/g	99.40	<1.00e-02	<1.88e+02	<1.85e2	n/a	n/a	96.80	1.88e+03	n/a
S961002310		F Thallium - ICP-Fusion	ug/g	99.00	<2.00e-01	<3.75e+03	<3.69e3	n/a	n/a	91.20	938.0	n/a
S961002310		F Uranium - ICP-Fusion	ug/g	96.90	<5.00e-01	<9.38e+02	<9.23e2	n/a	n/a	100.0	938.0	n/a
S961002310		F Vanadium - ICP-Fusion	ug/g	102.0	<5.00e-02	<9.38e+02	<9.23e2	n/a	n/a	101.8	188.0	n/a
S961002310		F Zirconium - ICP-Fusion	ug/g	103.8	<6.00e-02	<2.18e+02	<1.85e2	n/a	n/a	96.80	188.0	n/a
S961002310		F Zirconium - ICP-Fusion	ug/g	99.00	<1.45e-02	<2.81e+02	<2.80e2	n/a	n/a	n/a	n/a	43.5
S961002310		F Cobalt-60 by GEA	uCi/g	97.43	<2.14e-02	<1.67e+02	<1.73e2	174.3	1.72	n/a	n/a	n/a
S961002310		F Cobalt-137 by GEA	uCi/g	97.33	<2.14e-02	<1.67e+02	<1.73e2	n/a	n/a	n/a	1.07e-01	n/a
S961002310		F Europium-154 by GEA	uCi/g	n/a	<3.18e-02	<1.07e-01	<1.10e-01	n/a	n/a	n/a	n/a	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	RA#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count	Err%
S96T002310	F	Europium-155 by GEA	uCi/g	n/a	< 4.11e-02	< 3.96e-01	< 3.88e-1	n/a	n/a	n/a	3.96e-01	n/a	n/a
S96T002310	F	Americium-241 by GEA	uCi/g	n/a	< 3.34e-02	< 8.26e-01	< 8.07e-1	n/a	n/a	n/a	8.26e-01	n/a	n/a
S96T002312	A	Silver - ICP-Acid Digest	ug/g	87.50	< 1.00e-02	13.70	12.00	12.85	13.2	n/a	4.090	n/a	n/a
S96T002312	A	Aluminum - ICP-Acid Digest	ug/g	89.20	< 7.80e-02	1.75e+04	1.52e+04	1.64e+04	14.1	n/a	20.50	n/a	n/a
S96T002312	A	Arsenic - ICP-Acid Digest	ug/g	91.20	< 1.00e-01	< 40.90	< 3.68e1	n/a	n/a	n/a	40.90	n/a	n/a
S96T002312	A	Boron - ICP-Acid Digest	ug/g	93.80	< 5.02e-01	1.63e+02	123.0	143.0	28.0	n/a	20.50	n/a	n/a
S96T002312	A	Barium - ICP-Acid Digest	ug/g	89.40	< 5.00e-02	< 20.50	< 1.84e1	n/a	n/a	n/a	20.50	n/a	n/a
S96T002312	A	Beryllium - ICP-Acid Digest	ug/g	100.8	< 5.00e-03	< 2.050	< 1.84e0	n/a	n/a	n/a	2.050	n/a	n/a
S96T002312	A	Bismuth - ICP-Acid Digest	ug/g	94.60	< 1.00e-01	60.60	51.30	55.95	16.6	n/a	40.90	n/a	n/a
S96T002312	A	Calcium - ICP-Acid Digest	ug/g	87.60	< 5.00e-03	10.20	9.200	9.700	10.3	n/a	2.050	n/a	n/a
S96T002312	A	Cadmium - ICP-Acid Digest	ug/g	94.60	< 1.00e-01	< 40.90	< 3.68e1	n/a	n/a	n/a	40.90	n/a	n/a
S96T002312	A	Cerium - ICP-Acid Digest	ug/g	90.00	< 1.00e-02	< 8.190	< 7.36e0	n/a	n/a	n/a	8.190	n/a	n/a
S96T002312	A	Cobalt - ICP-Acid Digest	ug/g	88.60	< 1.00e-02	1.07e+04	9.42e+03	1.01e+04	12.7	n/a	4.090	n/a	n/a
S96T002312	A	Chromium - ICP-Acid Digest	ug/g	89.60	< 1.00e-02	9.720	< 3.68e0	n/a	n/a	n/a	4.090	n/a	n/a
S96T002312	A	Copper - ICP-Acid Digest	ug/g	90.80	< 7.90e-02	4.62e+02	400.0	431.0	14.4	n/a	20.50	n/a	n/a
S96T002312	A	Potassium - ICP-Acid Digest	ug/g	86.20	< 5.00e-01	1.22e+03	1.12e+03	1.17e+03	8.55	n/a	20.50	n/a	n/a
S96T002312	A	Lanthanum - ICP-Acid Digest	ug/g	91.60	< 5.00e-02	< 20.50	< 1.84e1	n/a	n/a	n/a	20.50	n/a	n/a
S96T002312	A	Lithium - ICP-Acid Digest	ug/g	91.60	< 1.00e-02	< 4.090	< 3.68e0	n/a	n/a	n/a	4.090	n/a	n/a
S96T002312	A	Magnesium - ICP-Acid Digest	ug/g	86.40	< 1.26e-01	< 40.90	< 3.68e1	n/a	n/a	n/a	40.90	n/a	n/a
S96T002312	A	Manganese - ICP-Acid Digest	ug/g	86.20	< 1.00e-02	2.30e+02	203.0	216.5	12.5	n/a	20.50	n/a	n/a
S96T002312	A	Molybdenum - ICP-Acid Digest	ug/g	88.60	< 5.00e-02	47.20	40.80	44.00	14.5	n/a	40.90	n/a	n/a
S96T002312	A	Sodium - ICP-Acid Digest	ug/g	100.8	8.23e-01	1.68e+05	1.46e+05	1.57e+05	14.0	n/a	40.90	n/a	n/a
S96T002312	A	Neodymium - ICP-Acid Digest	ug/g	91.00	< 1.00e-01	< 40.90	< 3.68e1	n/a	n/a	n/a	40.90	n/a	n/a
S96T002312	A	Nickel - ICP-Acid Digest	ug/g	89.80	< 2.00e-02	1.46e+02	129.0	137.5	12.4	n/a	8.190	n/a	n/a
S96T002312	A	Phosphorus - ICP-Acid Digest	ug/g	92.80	< 2.00e-01	2.82e+03	2.64e+03	2.73e+03	6.59	n/a	81.90	n/a	n/a
S96T002312	A	Lead - ICP-Acid Digest	ug/g	85.40	< 1.00e-01	80.50	78.20	79.35	2.90	n/a	40.90	n/a	n/a
S96T002312	A	Sulfur - ICP-Acid Digest	ug/g	89.00	< 1.20e-01	6.95e+03	6.10e+03	6.52e+03	13.0	n/a	40.90	n/a	n/a
S96T002312	A	Antimony - ICP-Acid Digest	ug/g	91.60	< 5.00e-02	< 24.60	< 2.21e1	n/a	n/a	n/a	24.60	n/a	n/a
S96T002312	A	Selenium - ICP-Acid Digest	ug/g	86.60	< 1.00e-01	< 40.90	< 3.68e1	n/a	n/a	n/a	40.90	n/a	n/a
S96T002312	A	Samarium - ICP-Acid Digest	ug/g	89.20	< 1.00e-01	< 40.90	< 3.68e1	n/a	n/a	n/a	40.90	n/a	n/a
S96T002312	A	Strontium - ICP-Acid Digest	ug/g	89.60	< 1.00e-02	< 4.090	< 3.68e0	n/a	n/a	n/a	4.090	n/a	n/a
S96T002312	A	Titanium - ICP-Acid Digest	ug/g	83.20	< 1.00e-02	< 4.090	< 3.68e0	n/a	n/a	n/a	4.090	n/a	n/a
S96T002312	A	Thallium - ICP-Acid Digest	ug/g	84.80	< 5.00e-01	< 81.90	< 7.36e1	n/a	n/a	n/a	81.90	n/a	n/a
S96T002312	A	Uranium - ICP-Acid Digest	ug/g	87.50	< 2.00e-01	5.51e+02	488.0	519.5	12.1	n/a	20.50	n/a	n/a
S96T002312	A	Vanadium - ICP-Acid Digest	ug/g	88.00	< 5.00e-02	< 20.50	< 1.84e1	n/a	n/a	n/a	20.50	n/a	n/a
S96T002312	A	Zinc - ICP-Acid Digest	ug/g	86.80	< 3.80e-02	39.60	31.40	35.50	23.1	n/a	4.090	n/a	n/a
S96T002312	A	Zirconium - ICP-Acid Digest	ug/g	95.20	< 1.30e-02	11.00	9.900	10.45	10.5	n/a	4.090	n/a	n/a
S96T002314	V	Fluoride-IC-Dioxex 40001/4500	ug/g	99.83	< 1.30e-02	6.50e+02	626.0	638.2	3.76	n/a	51.01	n/a	n/a
S96T002314	V	Chloride-IC-Dioxex 40001/4500	ug/g	92.91	< 1.90e-02	4.50e+03	4.58e+03	4.54e+03	1.76	n/a	62.20	n/a	n/a
S96T002314	V	Nitrite-IC - Dioxex 40001/4500	ug/g	96.72	< 1.07e-01	5.84e+04	5.83e+04	5.83e+04	0.17	n/a	420.0	n/a	n/a
S96T002314	V	Bromide by Ion Chromatograph	ug/g	98.96	< 1.26e-01	< 4.94e+02	< 5.04e2	n/a	n/a	n/a	548.6	n/a	n/a
S96T002314	V	Nitrate by IC-Dioxex40001/4500	ug/g	100.3	< 1.40e-01	1.09e+05	1.10e+05	1.10e+05	0.91	n/a	496.9	n/a	n/a
S96T002314	V	Phosphate-IC-Dioxex 40001/4500	ug/g	97.25	< 1.19e-01	9.39e+03	9.07e+03	9.23e+03	3.47	n/a	466.6	n/a	n/a
S96T002314	V	Sulfate by IC-Dioxex40001/4500	ug/g	100.2	< 1.36e-01	2.54e+04	2.54e+04	2.50e+04	3.61	n/a	533.4	n/a	n/a
S96T002314	V	Oxalate by IC - Dioxex 40001	ug/g	102.7	< 1.05e-01	1.34e+04	1.42e+04	1.38e+04	5.80	n/a	412.0	n/a	n/a

WHC-SD-WM-DP-185, REV. 0

L Lower Half of Segment: L Lower Half of Segment

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	Spk Rec %	Det Limit	Count Err%
S96T002316	F	Bulk Density of Sample	g/mL	98.73	n/a	1.550	n/a	n/a	n/a	5.00e-01	n/a
S96T002316	F	DSC Exotherm using Mettler	Joules/g	98.73	n/a	64.30	43.00	53.65	39.7	n/a	n/a
S96T002316	F	DSC Exotherm Dry Calculated	Joules/g	98.73	n/a	1.12e+02	75.16	93.78	39.7	n/a	n/a
S96T002316	F	% Water by IGA using Mettler	%	98.73	n/a	43.31	42.27	42.79	2.43	n/a	n/a
S96T002316	F	Silver - ICP-Fusion	ug/g	100.0	<1.00e-02	<2.04e-02	<2.03e-02	n/a	n/a	204.0	n/a
S96T002316	F	Aluminum - ICP-Fusion	ug/g	100.0	<5.00e-02	2.40e+02	2.39e+04	2.38e+04	1.68	97.90	n/a
S96T002316	F	Arsenic - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	102.4	1.02e+03	n/a
S96T002316	F	Boron - ICP-Fusion	ug/g	100.0	<5.00e-02	<1.03e+03	<1.01e+03	n/a	95.90	1.02e+03	n/a
S96T002316	F	Barium - ICP-Fusion	ug/g	100.0	<5.00e-02	<1.03e+03	<1.01e+03	n/a	98.00	1.02e+03	n/a
S96T002316	F	Beryllium - ICP-Fusion	ug/g	100.0	<5.00e-02	<1.03e+03	<1.01e+03	n/a	98.80	102.0	n/a
S96T002316	F	Bismuth - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	98.50	2.04e+03	n/a
S96T002316	F	Calcium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	102.4	2.04e+03	n/a
S96T002316	F	Cadmium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	98.30	102.0	n/a
S96T002316	F	Cerium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	100.0	2.04e+03	n/a
S96T002316	F	Cobalt - ICP-Fusion	ug/g	100.0	<1.00e-02	4.08e+02	4.05e+02	4.05e+02	1.44	101.2	204.0
S96T002316	F	Chromium - ICP-Fusion	ug/g	100.0	<1.00e-02	1.40e+02	1.38e+04	1.39e+04	1.44	101.2	204.0
S96T002316	F	Copper - ICP-Fusion	ug/g	100.0	<1.00e-02	1.40e+02	<2.03e+03	n/a	98.50	204.0	n/a
S96T002316	F	Iron - ICP-Fusion	ug/g	100.0	<5.00e-02	<1.03e+03	<1.01e+03	n/a	98.80	1.02e+03	n/a
S96T002316	F	Lanthanum - ICP-Fusion	ug/g	100.0	<5.00e-02	<1.03e+03	<1.01e+03	n/a	98.80	1.02e+03	n/a
S96T002316	F	Lithium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	92.90	204.0	n/a
S96T002316	F	Magnesium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	98.50	2.04e+03	n/a
S96T002316	F	Manganese - ICP-Fusion	ug/g	100.0	<1.00e-02	3.13e+02	324.0	318.5	3.45	99.90	204.0
S96T002316	F	Molybdenum - ICP-Fusion	ug/g	100.0	<5.00e-02	<1.03e+03	<1.01e+03	n/a	100.7	1.02e+03	n/a
S96T002316	F	Sodium - ICP-Fusion	ug/g	100.0	<1.25e-01	<2.04e+03	<2.03e+03	n/a	98.10	2.04e+03	n/a
S96T002316	F	Neodymium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	94.90	2.04e+03	n/a
S96T002316	F	Nickel - ICP-Fusion	ug/g	100.0	<1.25e-01	4.81e+03	4.83e+03	3.82e+03	51.8	99.60	408.0
S96T002316	F	Phosphorus - ICP-Fusion	ug/g	100.0	<2.00e-01	<2.04e+03	<2.03e+03	n/a	113.4	4.08e+03	n/a
S96T002316	F	Lead - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	100.5	2.04e+03	n/a
S96T002316	F	Sulfur - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	85.10	1.22e+03	n/a
S96T002316	F	Antimony - ICP-Fusion	ug/g	95.20	<5.00e-02	<1.03e+03	<1.01e+03	n/a	98.00	2.04e+03	n/a
S96T002316	F	Selenium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	102.0	2.04e+03	n/a
S96T002316	F	Silicon - ICP-Fusion	ug/g	95.60	<5.00e-02	<1.03e+03	<1.01e+03	n/a	94.60	2.04e+03	n/a
S96T002316	F	Strontium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	95.90	204.0	n/a
S96T002316	F	Tantalum - ICP-Fusion	ug/g	99.40	<1.00e-02	<2.04e+02	<2.03e+02	n/a	96.80	204.0	n/a
S96T002316	F	Titanium - ICP-Fusion	ug/g	99.00	<1.00e-01	<2.04e+03	<2.03e+03	n/a	94.90	4.08e+03	n/a
S96T002316	F	Thallium - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.04e+03	<2.03e+03	n/a	92.45	1.02e+03	n/a
S96T002316	F	Uranium - ICP-Fusion	ug/g	100.0	<1.00e-02	<1.02e+03	<1.01e+03	n/a	100.0	1.02e+03	n/a
S96T002316	F	Vanadium - ICP-Fusion	ug/g	100.0	<1.00e-02	2.25e+02	988.0	606.5	126	100.6	204.0
S96T002316	F	Zinc - ICP-Fusion	ug/g	100.0	<1.00e-02	<2.04e+02	<2.03e+02	n/a	97.10	204.0	n/a
S96T002316	F	Zirconium - ICP-Fusion	ug/g	97.43	<1.44e-02	<2.03e+02	2.84e+02	n/a	n/a	2.90e+02	n/a
S96T002316	F	Cobalt-60 by GEA	uc/g	97.33	<2.18e-02	1.13e+01	167.0	169.0	2.37	n/a	0.410
S96T002316	F	Europium-154 by GEA	uc/g	n/a	<3.18e-02	<1.11e-01	<1.11e-01	n/a	n/a	1.15e-01	n/a
S96T002316	F	Europium-152 by GEA	uc/g	n/a	<4.11e-02	<4.03e-01	<4.03e-01	n/a	n/a	4.05e-01	n/a
S96T002316	F	Americium-241 by GEA	uc/g	n/a	<8.34e-02	<8.28e-01	<8.34e-01	n/a	n/a	8.28e-01	n/a
S96T002316	F	Alpha of Digested Solid	uc/g	100.8	<4.26e-03	1.37e-01	1.23e-01	1.30e-01	10.8	n/a	1.00e+02
S96T002317	A	Silver - ICP-Acid Digest	ug/g	87.50	<1.00e-02	13.90	14.10	14.00	1.43	n/a	3.740
S96T002317	A	Aluminum - ICP-Acid Digest	ug/g	89.20	7.80e-02	1.77e+04	1.75e+04	1.76e+04	1.14	n/a	18.70

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002317	A	Asenite - ICP-Acid Digest	ug/g	91.20	<1.00e-01	< 37.30	< 37.30	n/a	n/a	n/a	37.30	n/a
S96T002317	A	Boron - ICP-Acid Digest	ug/g	91.80	5.02e-01	1.33e+02	157.0	144.5	17.3	n/a	18.70	n/a
S96T002317	A	Boron - ICP-Acid Digest	ug/g	89.40	<5.00e-02	< 18.70	< 18.70	n/a	n/a	n/a	18.70	n/a
S96T002317	A	Beryllium - ICP-Acid Digest	ug/g	100.8	<5.00e-03	< 18.70	< 18.70	n/a	n/a	n/a	18.70	n/a
S96T002317	A	Bismuth - ICP-Acid Digest	ug/g	97.60	<1.00e-01	65.00	81.20	75.10	22.5	n/a	37.30	n/a
S96T002317	A	Calcium - ICP-Acid Digest	ug/g	87.40	7.56e-01	2.79e+02	40.50	282.5	11.8	n/a	37.30	n/a
S96T002317	A	Cadmium - ICP-Acid Digest	ug/g	94.60	<5.00e-03	< 37.30	< 37.30	10.50	3.88	n/a	18.70	n/a
S96T002317	A	Cerium - ICP-Acid Digest	ug/g	97.00	<1.00e-01	< 37.30	< 37.30	n/a	n/a	n/a	37.30	n/a
S96T002317	A	Cobalt - ICP-Acid Digest	ug/g	89.00	<2.00e-02	7.42e+01	1.05e+02	1.04e+02	2.98	n/a	3.730	n/a
S96T002317	A	Chromium - ICP-Acid Digest	ug/g	88.60	<1.00e-01	1.09e+02	1.05e+02	1.04e+02	2.98	n/a	3.730	n/a
S96T002317	A	Copper - ICP-Acid Digest	ug/g	90.80	7.90e-02	4.41e+02	45.80	445.5	2.03	n/a	18.70	n/a
S96T002317	A	Fluorine - ICP-Acid Digest	ug/g	84.20	<5.00e-01	1.27e+02	1.20e+03	1.22e+03	2.47	n/a	18.70	n/a
S96T002317	A	Potassium - ICP-Acid Digest	ug/g	91.20	<5.00e-02	< 18.70	< 18.70	n/a	n/a	n/a	18.70	n/a
S96T002317	A	Lanthanum - ICP-Acid Digest	ug/g	91.40	<1.00e-02	< 37.30	< 37.30	n/a	n/a	n/a	37.30	n/a
S96T002317	A	Lithium - ICP-Acid Digest	ug/g	84.60	<1.20e-01	< 37.30	< 37.30	n/a	n/a	n/a	37.30	n/a
S96T002317	A	Magnesium - ICP-Acid Digest	ug/g	84.20	<1.00e-02	2.33e+02	239.0	235.0	3.40	n/a	3.730	n/a
S96T002317	A	Manganese - ICP-Acid Digest	ug/g	88.60	<5.00e-02	4.65e+02	46.30	465.5	1.07	n/a	18.70	n/a
S96T002317	A	Molybdenum - ICP-Acid Digest	ug/g	100.8	8.23e-01	1.75e+02	1.71e+02	1.72e+02	0.58	n/a	37.30	n/a
S96T002317	A	Sodium - ICP-Acid Digest	ug/g	91.00	<1.00e-01	< 37.30	< 37.30	n/a	n/a	n/a	37.30	n/a
S96T002317	A	Neodymium - ICP-Acid Digest	ug/g	89.80	<2.00e-02	1.36e+02	143.0	139.5	5.02	n/a	7.460	n/a
S96T002317	A	Nickel - ICP-Acid Digest	ug/g	95.40	<2.00e-01	3.42e+03	3.59e+03	3.56e+03	7.59	n/a	74.60	n/a
S96T002317	A	Phosphorus - ICP-Acid Digest	ug/g	85.80	<1.00e-01	78.90	84.20	81.55	6.50	n/a	37.30	n/a
S96T002317	A	Sulfur - ICP-Acid Digest	ug/g	89.00	<1.20e-01	6.99e+03	7.10e+03	7.04e+03	1.56	n/a	37.30	n/a
S96T002317	A	Selenium - ICP-Acid Digest	ug/g	91.60	<5.00e-02	< 22.40	< 22.40	n/a	n/a	n/a	22.40	n/a
S96T002317	A	Selenium - ICP-Acid Digest	ug/g	86.60	<1.00e-01	< 37.30	< 37.30	n/a	n/a	n/a	37.30	n/a
S96T002317	A	Selenium - ICP-Acid Digest	ug/g	89.20	<1.00e-02	< 37.30	< 37.30	n/a	n/a	n/a	37.30	n/a
S96T002317	A	Samarium - ICP-Acid Digest	ug/g	89.60	<1.00e-02	< 3.730	< 3.910	n/a	n/a	n/a	3.730	n/a
S96T002317	A	Titanium - ICP-Acid Digest	ug/g	83.20	<1.00e-02	< 3.730	< 3.910	n/a	n/a	n/a	3.730	n/a
S96T002317	A	Thallium - ICP-Acid Digest	ug/g	84.80	<2.00e-01	< 74.60	< 74.60	n/a	n/a	n/a	74.60	n/a
S96T002317	A	Vanadium - ICP-Acid Digest	ug/g	87.50	<5.00e-01	5.60e+02	574.0	567.0	2.47	n/a	187.0	n/a
S96T002317	A	Zinc - ICP-Acid Digest	ug/g	88.00	<5.00e-02	< 18.70	< 18.70	n/a	n/a	n/a	18.70	n/a
S96T002317	A	Zinc - ICP-Acid Digest	ug/g	86.80	<3.80e-02	34.10	39.40	36.25	14.4	n/a	3.730	n/a
S96T002317	A	Zinc - ICP-Acid Digest	ug/g	95.20	<1.00e-02	10.50	11.30	10.90	7.34	n/a	3.730	n/a
S96T002317	A	Fluoride - IC-Dioxex 40001/4500	ug/g	100.3	<1.30e-02	13.16	30.30	21.73	78.6	n/a	2.444	n/a
S96T002317	A	Chloride - IC-Dioxex 40001/4500	ug/g	96.96	<1.70e-02	2.09e+02	218.0	211.7	6.15	n/a	3.195	n/a
S96T002317	A	Nitrate - IC - Dioxex 40001/4500	ug/g	99.09	<1.07e-01	2.69e+03	2.82e+03	2.76e+03	4.72	n/a	20.11	n/a
S96T002317	A	Bromide by Ion Chromatograph	ug/g	98.96	<1.26e-01	< 23.68	< 23.68	n/a	n/a	n/a	23.68	n/a
S96T002317	A	Nitrate by IC-Dioxex40001/4500	ug/g	101.1	<1.40e-01	5.03e+03	5.03e+03	5.03e+03	0.00	n/a	26.30	n/a
S96T002317	A	Phosphate - IC-Dioxex 40001/4500	ug/g	99.27	<1.19e-01	5.83e+02	526.0	554.6	10.3	n/a	22.55	n/a
S96T002317	A	Sulfate by IC-Dioxex40001/4500	ug/g	102.1	<1.36e-01	1.16e+03	1.20e+03	1.18e+03	3.39	n/a	25.55	n/a
S96T002317	A	Oxalate by IC - Dioxex 40001	ug/g	104.7	<1.05e-01	6.42e+02	651.0	636.8	1.73	n/a	19.74	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002313	F	Europium-155 by GEA	uCi/g	<5.92e-02	<2.29e-01	<2.29e-01	<2.29e-01	n/a	n/a	n/a	2.29e-01	n/a
S961002313	F	Silver-109 by GEA	uCi/g	<3.09e-02	<1.14e-01	<1.14e-01	<1.14e-01	n/a	n/a	n/a	1.14e-01	n/a
S961002313	A	Aluminum -ICP-Acid Digest	ug/g	87.50	<1.00e-02	9.620	8.450	9.035	12.9	n/a	4.100	n/a
S961002313	A	Arsenic -ICP-Acid Digest	ug/g	89.20	<7.80e-02	1.55e+04	1.74e+04	1.74e+04	21.8	n/a	20.50	n/a
S961002313	A	Boron -ICP-Acid Digest	ug/g	91.20	<1.00e-02	<4.100	<4.05e1	n/a	n/a	n/a	41.00	n/a
S961002313	A	Boron -ICP-Acid Digest	ug/g	93.80	<5.02e-01	75.80	88.90	82.35	15.9	n/a	20.50	n/a
S961002313	A	Barium -ICP-Acid Digest	ug/g	89.40	<5.00e-02	24.50	21.30	22.90	14.0	n/a	20.50	n/a
S961002313	A	Beryllium -ICP-Acid Digest	ug/g	100.8	<5.00e-03	<2.050	<2.03e0	n/a	n/a	n/a	2.050	n/a
S961002313	A	Bismuth -ICP-Acid Digest	ug/g	89.60	<4.100e-01	<4.100	<4.05e1	n/a	n/a	n/a	41.00	n/a
S961002313	A	Calcium -ICP-Acid Digest	ug/g	94.60	<7.56e-01	2.65e+02	221.0	243.0	18.1	n/a	41.00	n/a
S961002313	A	Cadmium -ICP-Acid Digest	ug/g	87.60	<5.00e-03	<2.050	<2.03e0	n/a	n/a	n/a	2.050	n/a
S961002313	A	Cerium -ICP-Acid Digest	ug/g	94.00	<1.00e-01	<4.100	<4.05e1	n/a	n/a	n/a	41.00	n/a
S961002313	A	Cobalt -ICP-Acid Digest	ug/g	90.00	<2.00e-02	8.190	8.10e0	n/a	n/a	n/a	8.190	n/a
S961002313	A	Chromium -ICP-Acid Digest	ug/g	88.60	<1.00e-02	2.43e+03	2.10e+03	2.26e+03	14.6	n/a	4.100	n/a
S961002313	A	Copper -ICP-Acid Digest	ug/g	89.60	<1.20e-02	7.240	7.760	7.500	6.93	n/a	4.100	n/a
S961002313	A	Iron -ICP-Acid Digest	ug/g	90.80	<7.90e-02	6.17e+02	591.0	604.0	4.30	n/a	20.50	n/a
S961002313	A	Potassium -ICP-Acid Digest	ug/g	86.20	<5.00e-01	8.94e+02	740.0	817.0	18.8	n/a	205.0	n/a
S961002313	A	Lanthanum -ICP-Acid Digest	ug/g	91.40	<5.00e-02	<2.050	<2.03e1	n/a	n/a	n/a	20.50	n/a
S961002313	A	Lithium -ICP-Acid Digest	ug/g	91.60	<1.00e-02	<4.100	<4.05e0	n/a	n/a	n/a	41.00	n/a
S961002313	A	Magnesium -ICP-Acid Digest	ug/g	86.40	<1.26e-01	<4.100	<4.05e1	n/a	n/a	n/a	41.00	n/a
S961002313	A	Manganese -ICP-Acid Digest	ug/g	86.20	<1.00e-02	1.80e+03	1.56e+03	1.68e+03	14.3	n/a	4.100	n/a
S961002313	A	Molybdenum -ICP-Acid Digest	ug/g	88.60	<5.00e-02	34.50	29.60	32.05	15.3	n/a	20.50	n/a
S961002313	A	Sodium -ICP-Acid Digest	ug/g	100.8	8.23e-01	1.20e+05	1.05e+05	1.12e+05	13.3	n/a	41.00	n/a
S961002313	A	Neodymium -ICP-Acid Digest	ug/g	91.00	<1.00e-01	<4.100	<4.05e1	n/a	n/a	n/a	41.00	n/a
S961002313	A	Nickel -ICP-Acid Digest	ug/g	89.80	<2.00e-02	61.90	53.60	57.75	14.4	n/a	8.190	n/a
S961002313	A	Phosphorus -ICP-Acid Digest	ug/g	92.80	<2.00e-01	1.47e+03	1.25e+03	1.36e+03	16.2	n/a	81.90	n/a
S961002313	A	Lead -ICP-Acid Digest	ug/g	85.40	<1.00e-01	<4.100	<4.05e1	n/a	n/a	n/a	41.00	n/a
S961002313	A	Sulfur -ICP-Acid Digest	ug/g	89.00	<1.20e-01	3.96e+02	328.0	362.0	18.8	n/a	41.00	n/a
S961002313	A	Antimony -ICP-Acid Digest	ug/g	91.60	<6.00e-02	<24.60	<2.43e1	n/a	n/a	n/a	24.60	n/a
S961002313	A	Selenium -ICP-Acid Digest	ug/g	86.60	<1.00e-01	<4.100	<4.05e1	n/a	n/a	n/a	41.00	n/a
S961002313	A	Samarium -ICP-Acid Digest	ug/g	89.20	<1.00e-01	<4.100	<4.05e1	n/a	n/a	n/a	41.00	n/a
S961002313	A	Strontium -ICP-Acid Digest	ug/g	89.60	<1.00e-02	2.16e+02	186.0	201.0	14.9	n/a	4.100	n/a
S961002313	A	Titanium -ICP-Acid Digest	ug/g	83.20	<1.00e-02	5.960	5.010	5.295	10.8	n/a	4.100	n/a
S961002313	A	Thallium -ICP-Acid Digest	ug/g	84.80	<6.00e-01	<81.90	<8.10e1	n/a	n/a	n/a	81.90	n/a
S961002313	A	Uranium -ICP-Acid Digest	ug/g	87.50	<5.00e-01	5.31e+03	4.58e+03	4.94e+03	14.8	n/a	50.50	n/a
S961002313	A	Vanadium -ICP-Acid Digest	ug/g	88.00	<5.00e-02	<2.050	<2.03e1	n/a	n/a	n/a	20.50	n/a
S961002313	A	Zinc -ICP-Acid Digest	ug/g	86.80	<3.80e-02	18.20	16.30	17.25	11.0	n/a	4.100	n/a
S961002313	A	Zirconium -ICP-Acid Digest	ug/g	95.20	<3.00e-02	23.50	20.00	21.75	16.1	n/a	4.100	n/a
S961002313	A	Fluoride-IC-Bioxex 40001/4500	ug/g	100.3	<1.50e-02	6.09e+02	605.0	601.2	0.66	n/a	74.36	n/a
S961002313	A	Chloride-IC-Bioxex 40001/4500	ug/g	96.96	<1.50e-01	4.53e+03	4.37e+03	4.55e+03	0.88	n/a	74.36	n/a
S961002313	A	Nitrite-IC - Bioxex 40001/4500	ug/g	99.09	<1.01e-01	6.03e+04	6.04e+04	6.04e+04	0.33	n/a	449.6	n/a
S961002313	A	Bromide by Ion Chromatograph	ug/g	98.96	<1.01e-01	<5.40e2	<5.40e2	n/a	n/a	n/a	58.8	n/a
S961002313	A	Nitrate by IC-Bioxex40001/4500	ug/g	101.1	<1.40e-01	1.07e+05	1.10e+05	1.09e+05	2.7	n/a	587.2	n/a
S961002313	A	Phosphate by IC-Bioxex 40001/4500	ug/g	99.21	<1.19e-01	1.05e+04	1.06e+04	1.06e+04	0.95	n/a	489.2	n/a
S961002313	A	Sulfate by IC-Bioxex40001/4500	ug/g	102.1	<1.56e-01	2.30e+04	2.30e+04	2.30e+04	0.80	n/a	570.2	n/a
S961002313	A	Oxalate by IC - Bioxex 40001	ug/g	104.7	<1.05e-01	1.47e+04	1.46e+04	1.47e+04	0.88	n/a	440.8	n/a

WHC-SD-WM-DP-185, REV. 0

L Lower Half of Segments: L Lower Half of Segment

Sample#	RAM Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Exp
S961002319	Bulk Density of Sample	g/mL	n/a	n/a	1.620	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002319	DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002319	DSC Exotherm on Perkin Elmer	Joules/g	93.95	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002319	Water by Iga on Perkin Elmer	Joules/g	99.34	n/a	40.52	41.38	40.95	2.10	n/a	n/a	n/a
S961002319	Silver - ICP-Fusion	ug/g	100.6	<1.00e-02	<1.95e+02	<1.91e2	n/a	n/a	89.80	195.0	n/a
S961002319	Aluminum - ICP-Fusion	ug/g	98.20	<5.00e-02	<2.41e+04	<2.39e+04	2.40e+04	0.83	98.80	977.0	n/a
S961002319	Resin - ICP-Fusion	ug/g	102.8	<1.00e-01	<1.95e+03	<1.91e3	n/a	n/a	106.9	1.95e+03	n/a
S961002319	Boron - ICP-Fusion	ug/g	99.00	<5.00e-02	<9.77e+02	<9.54e2	n/a	n/a	97.30	977.0	n/a
S961002319	Beryllium - ICP-Fusion	ug/g	98.80	<5.00e-02	<9.77e+02	<9.54e2	n/a	n/a	97.80	977.0	n/a
S961002319	Barium - ICP-Fusion	ug/g	102.0	<5.00e-02	<9.77e+02	<9.54e2	n/a	n/a	100.5	977.0	n/a
S961002319	Strontium - ICP-Fusion	ug/g	102.4	<1.00e-01	<1.95e+03	<1.91e3	n/a	n/a	99.80	1.95e+03	n/a
S961002319	Calcium - ICP-Fusion	ug/g	103.4	<1.00e-01	<1.95e+03	<1.91e3	n/a	n/a	105.4	1.95e+03	n/a
S961002319	Cerium - ICP-Fusion	ug/g	103.0	<1.00e-01	<1.95e+03	<1.91e3	n/a	n/a	102.2	1.95e+03	n/a
S961002319	Cobalt - ICP-Fusion	ug/g	102.4	<2.00e-02	<1.95e+02	<1.82e2	1.25e+04	1.60	103.9	195.0	n/a
S961002319	Chromium - ICP-Fusion	ug/g	102.8	<1.00e-02	<1.95e+02	<1.91e2	n/a	n/a	103.4	195.0	n/a
S961002319	Copper - ICP-Fusion	ug/g	102.8	<1.00e-02	<9.77e+02	<9.54e2	n/a	n/a	103.9	977.0	n/a
S961002319	Iron - ICP-Fusion	ug/g	101.0	<5.00e-02	<9.77e+02	<9.54e2	n/a	n/a	101.0	977.0	n/a
S961002319	Lanthanum - ICP-Fusion	ug/g	99.00	<1.00e-01	<1.95e+02	<1.91e2	n/a	n/a	97.80	195.0	n/a
S961002319	Magnesium - ICP-Fusion	ug/g	99.80	<1.00e-01	<1.95e+02	<1.91e2	n/a	n/a	98.60	1.95e+03	n/a
S961002319	Manganese - ICP-Fusion	ug/g	99.60	<5.00e-02	<2.99e+02	<2.91e2	303.9	2.64	98.00	195.0	n/a
S961002319	Molybdenum - ICP-Fusion	ug/g	102.0	<5.00e-02	<9.77e+02	<9.54e2	n/a	n/a	103.4	977.0	n/a
S961002319	Sodium - ICP-Fusion	ug/g	99.40	<1.01e-01	<1.89e+02	<1.85e+02	1.87e+05	2.14	103.4	1.95e+03	n/a
S961002319	Nickel - ICP-Fusion	ug/g	101.8	<2.00e-02	<2.60e+03	<1.91e3	2.06e+03	53.0	103.2	1.95e+03	n/a
S961002319	Phosphorus - ICP-Fusion	ug/g	102.2	<2.00e-02	<3.91e+03	<3.82e3	n/a	n/a	116.6	3.91e+03	n/a
S961002319	Lead - ICP-Fusion	ug/g	102.0	<1.00e-01	<1.95e+03	<1.91e3	n/a	n/a	103.9	1.95e+03	n/a
S961002319	Sulfur - ICP-Fusion	ug/g	99.80	<1.00e-01	<1.95e+03	<1.91e3	6.62e+03	2.57	103.7	1.95e+03	n/a
S961002319	Antimony - ICP-Fusion	ug/g	96.60	<6.00e-02	<1.17e+03	<1.14e3	n/a	n/a	95.60	1.95e+03	n/a
S961002319	Selenium - ICP-Fusion	ug/g	97.20	<1.00e-01	<1.95e+03	<1.91e3	n/a	n/a	97.30	1.95e+03	n/a
S961002319	Silicon - ICP-Fusion	ug/g	97.20	<5.00e-02	<9.77e+02	<9.54e2	n/a	n/a	102.7	977.0	n/a
S961002319	Samarium - ICP-Fusion	ug/g	98.60	<1.00e-01	<1.95e+02	<1.91e3	n/a	n/a	99.00	1.95e+03	n/a
S961002319	Strontium - ICP-Fusion	ug/g	99.00	<1.00e-02	<1.95e+02	<1.91e2	n/a	n/a	98.50	195.0	n/a
S961002319	Titanium - ICP-Fusion	ug/g	98.40	<1.00e-02	<1.95e+02	<1.91e2	n/a	n/a	98.30	195.0	n/a
S961002319	Thallium - ICP-Fusion	ug/g	98.00	<2.00e-01	<3.91e+03	<3.82e3	n/a	n/a	99.80	3.91e+03	n/a
S961002319	Uranium - ICP-Fusion	ug/g	97.10	<5.00e-01	<9.77e+02	<9.54e2	n/a	n/a	94.15	9.77e+03	n/a
S961002319	Vanadium - ICP-Fusion	ug/g	101.0	<5.00e-02	<9.77e+02	<9.54e2	n/a	n/a	101.7	977.0	n/a
S961002319	Zinc - ICP-Fusion	ug/g	102.8	<1.00e-02	<1.95e+02	<1.91e2	n/a	n/a	104.4	195.0	n/a
S961002319	Zirconium - ICP-Fusion	ug/g	99.80	<2.00e-02	<1.95e+02	<1.91e2	n/a	n/a	99.80	195.0	n/a
S961002319	Cobalt-60 by GEA	uc/g	99.41	<2.70e-02	<2.84e+02	<2.84e+02	195.8	1.05	n/a	2.80e-02	n/a
S961002319	Cesium-137 by GEA	uc/g	98.45	<7.44e-02	<1.05e+01	<1.13e-1	n/a	n/a	n/a	1.05e-01	n/a
S961002319	Europium-154 by GEA	uc/g	n/a	<3.09e-02	<2.29e-01	<2.27e-1	n/a	n/a	n/a	2.29e-01	n/a
S961002319	Americium-241 by GEA	uc/g	n/a	<3.09e-02	<1.00e-01	<1.26e-1	n/a	n/a	n/a	1.00e-01	n/a
S961002319	Alpha of Digested Solid	uc/g	105.5	<4.19e-03	1.26e-01	1.37e-01	1.16e-01	16.3	87.47	5.00e-03	1.04e+01
S961002320	Silver - ICP-Acid Digest	ug/g	87.50	<1.00e-02	13.40	13.00	13.20	3.03	88.10	4.170	n/a
S961002320	Aluminum - ICP-Acid Digest	ug/g	89.20	7.80e-02	1.89e+04	1.89e+04	1.89e+04	0.00	150.5	20.90	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002320	A	Arsenic -ICP-Acid Digest	ug/g	91.20	<1.00e-01	< 41.70	<4.01e1	n/a	n/a	87.20	41.70	n/a
S96T002320	A	Boron -ICP-Acid Digest	ug/g	93.80	5.02e-01	1.37e+02	86.10	111.5	45.6	87.10	20.90	n/a
S96T002320	A	Barium -ICP-Acid Digest	ug/g	89.40	<5.00e-02	< 20.90	<2.01e1	n/a	n/a	88.60	20.90	n/a
S96T002320	A	Beryllium -ICP-Acid Digest	ug/g	100.8	<5.00e-03	< 2.090	<2.01e0	n/a	n/a	94.40	2.090	n/a
S96T002320	A	Bismuth -ICP-Acid Digest	ug/g	94.60	7.56e-01	60.90	61.30	61.0	0.65	88.96	41.70	n/a
S96T002320	A	Calcium -ICP-Acid Digest	ug/g	87.60	<5.00e-03	2.97e+02	226.0	261.5	27.2	86.28	41.70	n/a
S96T002320	A	Cadmium -ICP-Acid Digest	ug/g	94.00	<2.00e-01	10.10	9.980	10.04	1.20	87.04	2.090	n/a
S96T002320	A	Cerium -ICP-Acid Digest	ug/g	90.00	<1.00e-02	< 8.340	<8.03e0	n/a	n/a	94.40	41.70	n/a
S96T002320	A	Cobalt -ICP-Acid Digest	ug/g	88.60	<1.00e-02	9.87e+03	9.84e+03	9.86e+03	0.30	55.96	8.340	n/a
S96T002320	A	Chromium -ICP-Acid Digest	ug/g	89.60	<1.00e-02	< 4.170	<4.01e0	n/a	n/a	88.40	4.170	n/a
S96T002320	A	Copper -ICP-Acid Digest	ug/g	90.80	7.90e-02	4.35e+02	424.0	429.5	2.56	87.32	20.90	n/a
S96T002320	A	Potassium -ICP-Acid Digest	ug/g	86.20	<5.00e-01	1.32e+03	1.29e+03	1.30e+03	2.30	91.46	20.90	n/a
S96T002320	A	Lanthanum -ICP-Acid Digest	ug/g	91.40	<5.00e-02	< 20.90	<2.01e1	n/a	n/a	92.00	20.90	n/a
S96T002320	A	Lithium -ICP-Acid Digest	ug/g	91.60	<1.00e-02	< 4.170	<4.01e0	n/a	n/a	90.80	4.170	n/a
S96T002320	A	Magnesium -ICP-Acid Digest	ug/g	86.40	1.26e-01	< 41.70	<4.01e1	n/a	n/a	85.00	41.70	n/a
S96T002320	A	Manganese -ICP-Acid Digest	ug/g	86.20	<1.00e-02	2.48e+02	251.0	249.5	1.20	85.58	4.170	n/a
S96T002320	A	Molybdenum -ICP-Acid Digest	ug/g	88.60	<5.00e-02	49.20	50.10	49.65	1.81	87.88	20.90	n/a
S96T002320	A	Sodium -ICP-Acid Digest	ug/g	100.8	8.23e-01	1.62e+05	1.61e+05	1.62e+05	0.62	742.3	41.70	n/a
S96T002320	A	Neodymium -ICP-Acid Digest	ug/g	91.00	<1.00e-01	< 41.70	<4.01e1	n/a	n/a	92.40	41.70	n/a
S96T002320	A	Nickel -ICP-Acid Digest	ug/g	89.80	<2.00e-02	1.28e+02	128.0	127.0	1.57	88.68	8.340	n/a
S96T002320	A	Phosphorus -ICP-Acid Digest	ug/g	92.80	<2.00e-01	2.38e+03	2.00e+03	2.19e+03	17.4	89.78	83.40	n/a
S96T002320	A	Lead -ICP-Acid Digest	ug/g	85.40	<1.00e-01	80.40	98.20	89.30	19.9	86.48	41.70	n/a
S96T002320	A	Sulfur -ICP-Acid Digest	ug/g	89.00	1.20e-01	5.45e+03	5.45e+03	5.45e+03	0.00	135.8	41.70	n/a
S96T002320	A	Antimony -ICP-Acid Digest	ug/g	91.60	<6.00e-02	< 25.00	<2.41e1	n/a	n/a	92.40	25.00	n/a
S96T002320	A	Selenium -ICP-Acid Digest	ug/g	86.60	<1.00e-01	< 41.70	<4.01e1	n/a	n/a	85.20	41.70	n/a
S96T002320	A	Samarium -ICP-Acid Digest	ug/g	89.20	<1.00e-02	5.840	<4.01e1	n/a	n/a	89.00	41.70	n/a
S96T002320	A	Strontium -ICP-Acid Digest	ug/g	89.60	<1.00e-02	< 4.170	<4.01e0	n/a	n/a	83.00	4.170	n/a
S96T002320	A	Titanium -ICP-Acid Digest	ug/g	83.20	<1.00e-02	< 8.340	<8.03e1	5.810	1.03	88.64	4.170	n/a
S96T002320	A	Thallium -ICP-Acid Digest	ug/g	84.80	<5.00e-01	< 83.40	<4.01e0	n/a	n/a	83.20	83.40	n/a
S96T002320	A	Uranium -ICP-Acid Digest	ug/g	87.50	<5.00e-01	5.15e+02	525.0	520.0	1.92	89.32	209.0	n/a
S96T002320	A	Vanadium -ICP-Acid Digest	ug/g	88.00	<5.00e-02	< 20.90	<2.01e1	n/a	n/a	87.60	20.90	n/a
S96T002320	A	Zinc -ICP-Acid Digest	ug/g	86.80	3.80e-02	38.40	31.70	35.05	19.1	85.92	4.170	n/a
S96T002320	A	Zirconium -ICP-Acid Digest	ug/g	95.20	<1.00e-02	8.930	9.570	9.250	6.92	92.34	4.170	n/a
S96T003499	M	Fluoride-IC-Bioxex 40001/4500	ug/g	96.10	<1.30e-02	3.54e+02	330.0	342.2	7.02	87.97	35.32	n/a
S96T003499	M	Chloride-IC-Bioxex 40001/4500	ug/g	90.51	<1.70e-02	4.79e+03	4.95e+03	4.87e+03	3.29	103.9	46.19	n/a
S96T003499	M	Chromide by Ion Chromatograph	ug/g	94.96	<1.26e-01	<3.42e+02	<3.38e2	n/a	n/a	48.52	342.3	n/a
S96T003499	M	Nitrate by IC-Bioxex40001/4500	ug/g	95.93	<1.40e-01	1.05e+05	1.11e+05	1.08e+05	5.56	98.37	320.0	n/a
S96T003499	M	Phosphate-IC-Bioxex 40001/4500	ug/g	95.06	<1.19e-01	8.07e+03	8.01e+03	8.04e+03	0.75	105.9	323.0	n/a
S96T003499	M	Sulfate by IC-Bioxex40001/4500	ug/g	97.15	<1.36e-01	2.07e+04	2.02e+04	2.04e+04	2.44	104.1	369.3	n/a
S96T003499	M	Oxalate by IC-Bioxex 40001	ug/g	98.43	<1.05e-01	1.57e+04	1.51e+04	1.54e+04	3.90	101.2	285.3	n/a

Table 4. Data Summary Table
S-101

SEGMENT PORTION: U Upper Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002092		Bulk Density of Sample	g/mL	n/a	n/a	1.580	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002092		DSC Exotherm Dry	Joules/g Dry	n/a	n/a	18.18	0.00e+00	9.090	200	n/a	n/a	n/a
S961002092		DSC Exotherm on Perkin Elmer	Joules/g	n/a	n/a	10.90	0.00e+00	5.450	200	n/a	n/a	n/a
S961002092		% Water by TGA on Perkin Elmer	%	99.54	n/a	40.20	40.20	40.05	0.75	n/a	n/a	n/a
S961002092	F	Silver - ICP-Fusion	ug/g	100.8	<1.00e-02	<2.03e-02	<2.00e2	2.70e+04	n/a	90.20	202.0	n/a
S961002092	F	Aluminum - ICP-Fusion	ug/g	98.20	<5.00e-02	<5.01e-02	2.39e+04	2.70e+04	23.0	101.8	1.01e+03	n/a
S961002092	F	Aluminum - ICP-Fusion	ug/g	102.8	<2.03e-02	<2.03e-02	<2.00e3	n/a	n/a	104.1	2.02e+03	n/a
S961002092	F	Arsenic - ICP-Fusion	ug/g	99.80	<5.00e-02	<5.01e-02	<9.99e2	n/a	n/a	99.50	1.01e+03	n/a
S961002092	F	Boron - ICP-Fusion	ug/g	99.80	<5.00e-02	<5.01e-02	<9.99e2	n/a	n/a	99.00	1.01e+03	n/a
S961002092	F	Beryllium - ICP-Fusion	ug/g	102.0	<5.00e-02	<5.01e-02	<9.99e1	n/a	n/a	101.5	101.0	n/a
S961002092	F	Bismuth - ICP-Fusion	ug/g	102.4	<1.00e-01	<2.03e-02	<2.00e3	n/a	n/a	104.4	2.02e+03	n/a
S961002092	F	Calcium - ICP-Fusion	ug/g	103.4	<1.00e-01	<2.03e-02	<2.00e3	n/a	n/a	106.6	2.02e+03	n/a
S961002092	F	Cadmium - ICP-Fusion	ug/g	101.8	<5.00e-02	<5.01e-02	<9.99e1	n/a	n/a	103.4	101.0	n/a
S961002092	F	Cerium - ICP-Fusion	ug/g	103.0	<1.00e-01	<2.03e-02	<2.00e3	n/a	n/a	103.4	2.02e+03	n/a
S961002092	F	Cobalt - ICP-Fusion	ug/g	102.8	<1.00e-02	<2.03e-02	<3.99e2	1.47e+04	1.36	102.9	403.0	n/a
S961002092	F	Chromium - ICP-Fusion	ug/g	102.8	<1.00e-02	<2.03e-02	<2.00e2	n/a	n/a	102.7	202.0	n/a
S961002092	F	Copper - ICP-Fusion	ug/g	101.8	<5.00e-02	<5.01e-02	<9.99e2	n/a	n/a	103.9	1.01e+03	n/a
S961002092	F	Iron - ICP-Fusion	ug/g	101.0	<5.00e-02	<5.01e-02	<9.99e2	n/a	n/a	102.7	1.01e+03	n/a
S961002092	F	Lanthanum - ICP-Fusion	ug/g	99.80	<1.00e-02	<2.03e-02	<2.00e2	n/a	n/a	99.30	202.0	n/a
S961002092	F	Lithium - ICP-Fusion	ug/g	97.80	<1.00e-01	<5.02e-02	<2.00e3	n/a	n/a	97.80	2.02e+03	n/a
S961002092	F	Magnesium - ICP-Fusion	ug/g	99.60	<1.00e-02	<5.02e-02	<3.42e0	350.0	3.43	98.50	202.0	n/a
S961002092	F	Manganese - ICP-Fusion	ug/g	102.0	<5.00e-02	<5.01e-02	<9.99e2	n/a	n/a	103.4	1.01e+03	n/a
S961002092	F	Molybdenum - ICP-Fusion	ug/g	99.40	<1.01e-01	<5.01e-02	<9.99e2	1.96e+05	0.00	115.9	2.02e+03	n/a
S961002092	F	Sodium - ICP-Fusion	ug/g	101.8	<1.01e-01	<2.03e-02	<2.00e3	n/a	n/a	103.2	2.02e+03	n/a
S961002092	F	Neodymium - ICP-Fusion	ug/g	101.0	<2.00e-02	<2.03e-02	<3.99e3	4.74e+03	105	103.2	403.0	n/a
S961002092	F	Nickel - ICP-Fusion	ug/g	102.2	<1.00e-01	<5.02e-02	<3.99e3	n/a	n/a	102.9	2.02e+03	n/a
S961002092	F	Phosphorus - ICP-Fusion	ug/g	102.0	<1.00e-01	<5.02e-02	<3.99e3	7.30e+03	2.05	100.7	2.02e+03	n/a
S961002092	F	Lead - ICP-Fusion	ug/g	99.80	<1.00e-01	<5.03e-02	<3.99e3	n/a	n/a	98.30	1.21e+03	n/a
S961002092	F	Antimony - ICP-Fusion	ug/g	96.60	<6.00e-02	<1.21e-02	<3.99e3	n/a	n/a	96.60	2.02e+03	n/a
S961002092	F	Selenium - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.03e-02	<3.99e3	n/a	n/a	96.60	1.01e+03	n/a
S961002092	F	Silicon - ICP-Fusion	ug/g	97.20	<5.00e-02	<5.04e-02	<3.99e2	n/a	n/a	100.7	2.02e+03	n/a
S961002092	F	Samarium - ICP-Fusion	ug/g	98.60	<1.00e-02	<2.03e-02	<3.99e2	n/a	n/a	99.50	2.02e+03	n/a
S961002092	F	Strontium - ICP-Fusion	ug/g	98.40	<1.00e-02	<2.03e-02	<3.99e2	n/a	n/a	99.50	202.0	n/a
S961002092	F	Titanium - ICP-Fusion	ug/g	98.00	<2.00e-01	<4.03e-03	<3.99e2	n/a	n/a	98.00	4.03e+03	n/a
S961002092	F	Thallium - ICP-Fusion	ug/g	97.10	<5.00e-01	<1.01e-04	<9.99e3	n/a	n/a	95.10	1.01e+04	n/a
S961002092	F	Uranium - ICP-Fusion	ug/g	101.8	<1.00e-02	<2.03e-02	<3.99e2	n/a	n/a	102.2	1.01e+03	n/a
S961002092	F	Vanadium - ICP-Fusion	ug/g	99.80	<1.00e-02	<2.03e-02	<3.99e2	n/a	n/a	100.7	202.0	n/a
S961002092	F	Zinc - ICP-Fusion	ug/g	99.80	<2.70e-02	<3.84e-02	<3.99e2	n/a	n/a	n/a	n/a	47.2
S961002092	F	Zirconium - ICP-Fusion	ug/g	99.45	<2.75e-02	<1.74e-02	<1.74e-02	173.5	0.58	n/a	n/a	0.380
S961002092	F	Europium-137 by GEA	uc/g	n/a	<7.44e-02	<1.72e-01	<1.24e-1	n/a	n/a	n/a	1.12e-01	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	RA# Analyte	Unit	Standard %	Blank	Duplicate	Average	RPD % Spk Rec %	Det Limit	Count Err%
5941002109	F Europium-155 by GEA	GC/g	n/a	< 5.92e-02	-2.22e-01	n/a	n/a	2.26e-01	n/a
5941002109	F Americium-241 by GEA	GC/g	n/a	< 3.09e-02	-1.60e-01	n/a	n/a	1.09e-01	n/a
5941002109	A Silver - ICP-Acid Digest	ug/g	85.60	< 1.40e-02	1.4e-10	14.60	0.74	4.010	n/a
5941002109	A Vanadium - ICP-Acid Digest	ug/g	89.20	< 7.80e-02	1.78e-10	1.78e-04	0.56	20.10	n/a
5941002109	A Arsenic - ICP-Acid Digest	ug/g	91.20	< 8.00e-02	< 4.01e-10	< 4.01e-10	n/a	40.10	n/a
5941002109	A Boron - ICP-Acid Digest	ug/g	91.60	< 5.02e-01	1.33e+02	133.0	8.70	20.10	n/a
5941002109	A Barium - ICP-Acid Digest	ug/g	89.60	< 5.00e-02	< 2.01e-10	< 2.01e-10	n/a	20.10	n/a
5941002109	A Beryllium - ICP-Acid Digest	ug/g	100.8	< 5.00e-03	< 2.01e-10	< 2.01e-10	n/a	2.010	n/a
5941002109	A Calcium - ICP-Acid Digest	ug/g	89.60	< 7.50e-01	3.08e+02	308.0	71.50	40.10	n/a
5941002109	A Cadmium - ICP-Acid Digest	ug/g	94.60	< 5.00e-03	< 4.01e-10	< 4.01e-10	n/a	40.10	n/a
5941002109	A Cobalt - ICP-Acid Digest	ug/g	94.00	< 1.00e-01	< 8.02e-10	< 8.02e-10	n/a	8.020	n/a
5941002109	A Chromium - ICP-Acid Digest	ug/g	88.60	< 1.20e-02	1.19e+04	1.19e+04	0.00	4.010	n/a
5941002109	A Copper - ICP-Acid Digest	ug/g	90.80	< 7.90e-02	4.78e+02	478.0	49.10	4.010	n/a
5941002109	A Potassium - ICP-Acid Digest	ug/g	86.20	< 5.00e-01	< 4.01e-10	< 4.01e-10	n/a	20.10	n/a
5941002109	A Lanthanum - ICP-Acid Digest	ug/g	91.40	< 5.00e-02	1.15e+03	1.20e+03	9.13	20.10	n/a
5941002109	A Lithium - ICP-Acid Digest	ug/g	91.60	< 1.00e-02	< 4.01e-10	< 4.01e-10	n/a	4.010	n/a
5941002109	A Magnesium - ICP-Acid Digest	ug/g	86.40	< 1.20e-01	< 4.01e-10	< 4.01e-10	n/a	4.010	n/a
5941002109	A Manganese - ICP-Acid Digest	ug/g	86.20	< 1.00e-02	2.86e+02	286.0	0.00	4.010	n/a
5941002109	A Molybdenum - ICP-Acid Digest	ug/g	88.60	< 5.00e-02	4.6e-10	46.00	0.22	20.10	n/a
5941002109	A Sodium - ICP-Acid Digest	ug/g	100.8	8.23e-01	1.69e+05	1.69e+05	0.00	40.10	n/a
5941002109	A Neodymium - ICP-Acid Digest	ug/g	89.80	< 2.00e-02	1.57e+02	158.3	1.89	40.10	n/a
5941002109	A Nickel - ICP-Acid Digest	ug/g	92.80	< 2.00e-01	3.17e+03	3.33e+03	9.61	80.20	n/a
5941002109	A Phosphorus - ICP-Acid Digest	ug/g	85.40	< 1.20e-01	95.40	91.70	8.07	40.10	n/a
5941002109	A Lead - ICP-Acid Digest	ug/g	89.00	< 6.00e-02	6.58e+03	6.42e+03	4.82	40.10	n/a
5941002109	A Antimony - ICP-Acid Digest	ug/g	91.60	< 6.00e-02	< 2.01e-10	< 2.01e-10	n/a	24.10	n/a
5941002109	A Selenium - ICP-Acid Digest	ug/g	86.60	< 1.00e-01	< 4.01e-10	< 4.01e-10	n/a	40.10	n/a
5941002109	A Samarium - ICP-Acid Digest	ug/g	89.20	< 1.00e-02	7.500	7.555	1.46	4.010	n/a
5941002109	A Strontium - ICP-Acid Digest	ug/g	83.60	< 1.00e-02	5.270	5.370	3.72	4.010	n/a
5941002109	A Thallium - ICP-Acid Digest	ug/g	84.80	< 2.00e-01	6.15e+02	615.0	n/a	80.20	n/a
5941002109	A Uranium - ICP-Acid Digest	ug/g	87.50	< 5.00e-01	< 2.01e-10	< 2.01e-10	n/a	20.10	n/a
5941002109	A Vanadium - ICP-Acid Digest	ug/g	88.00	< 5.00e-02	34.90	36.75	10.1	4.010	n/a
5941002109	A Zinc - ICP-Acid Digest	ug/g	86.80	< 3.80e-02	11.40	11.20	3.57	4.010	n/a
5941002109	A Zirconium - ICP-Acid Digest	ug/g	95.20	< 1.00e-02	5.90e+02	545.0	16.5	54.10	n/a
5941002118	W Fluoride-IC-Dioxex 40001/4500	ug/g	97.80	< 1.30e-02	4.21e+03	4.25e+03	2.12	70.73	n/a
5941002118	W Chloride-IC-Dioxex 40001/4500	ug/g	93.42	< 1.07e-02	5.84e+04	5.92e+04	2.87	n/a	n/a
5941002118	W Nitrite-IC - Dionex 40001/4500	ug/g	96.72	< 1.70e-01	< 5.24e+02	< 5.10e2	n/a	445.2	n/a
5941002118	W Bromide by Ion Chromatograph	ug/g	97.04	< 1.26e-01	1.13e+05	1.14e+05	0.88	524.4	n/a
5941002118	W Nitrate by IC-Dioxex40001/4500	ug/g	97.07	< 1.40e-01	1.07e+04	1.09e+04	12.8	494.8	n/a
5941002118	W Phosphate-IC-Dioxex 40001/4500	ug/g	95.79	< 1.36e-01	2.08e+04	2.09e+04	0.48	555.5	n/a
5941002118	W Sulfate by IC-Dioxex40001/4500	ug/g	97.78	< 1.19e-01	1.63e+04	1.62e+04	1.23	436.8	n/a
5941002118	W Oxalate by IC - Dionex 40001	ug/g	97.86	< 1.05e-01					

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A-0002-3

L Lower Half of Segment: L Lower Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002069		Bulk Density of Sample	g/mL	n/a	n/a	1.530	n/a	n/a	n/a	n/a	3.00e-01	n/a
S961002070		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002070		DSC Exotherm on Perkin Elmer	Joules/g	101.5	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002070		% Water by TGA on Perkin Elmer	%	99.30	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002105		F Silver - ICP-Fusion	ug/g	98.30	<1.00e-02	<2.00e-02	<2.06e2	6.99e+04	12.3	84.10	200.0	n/a
S961002105		F Aluminum - ICP-Fusion	ug/g	99.30	<5.00e-02	7.42e+04	6.56e+04	6.99e+04	12.3	77.10	598.0	n/a
S961002105		F Arsenic - ICP-Fusion	ug/g	104.2	<1.00e-01	<2.00e-02	<1.03e3	n/a	n/a	98.80	2.00e+03	n/a
S961002105		F Boron - ICP-Fusion	ug/g	103.2	<5.00e-02	<9.98e+02	<1.03e3	n/a	n/a	98.80	598.0	n/a
S961002105		F Barium - ICP-Fusion	ug/g	100.2	<5.00e-02	<9.98e+02	<1.03e3	n/a	n/a	98.80	598.0	n/a
S961002105		F Beryllium - ICP-Fusion	ug/g	106.2	<5.00e-03	<99.86	<1.03e3	n/a	n/a	98.80	598.0	n/a
S961002105		F Bismuth - ICP-Fusion	ug/g	101.5	<1.00e-01	<2.00e+03	<2.06e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Calcium - ICP-Fusion	ug/g	99.30	<5.00e-03	<2.00e+03	<2.06e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Cadmium - ICP-Fusion	ug/g	98.30	<5.00e-03	<99.80	<1.03e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Cerium - ICP-Fusion	ug/g	102.8	<1.00e-01	<2.00e+03	<2.06e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Cobalt - ICP-Fusion	ug/g	98.30	<2.00e-02	<3.99e+02	<4.12e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Chromium - ICP-Fusion	ug/g	106.0	<1.00e-02	<2.00e+04	1.07e+04	1.18e+04	17.9	100.3	200.0	n/a
S961002105		F Copper - ICP-Fusion	ug/g	106.0	<1.00e-02	<2.00e+02	<2.06e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Iron - ICP-Fusion	ug/g	101.2	<5.00e-02	<2.00e+02	<1.03e3	n/a	n/a	98.80	598.0	n/a
S961002105		F Lanthanum - ICP-Fusion	ug/g	101.2	<5.00e-02	<9.98e+02	<1.03e3	n/a	n/a	98.80	598.0	n/a
S961002105		F Lithium - ICP-Fusion	ug/g	105.6	<1.00e-02	<2.00e+02	<2.06e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Magnesium - ICP-Fusion	ug/g	99.00	<1.00e-01	<2.00e+03	<2.06e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Manganese - ICP-Fusion	ug/g	99.60	<1.00e-02	<1.10e+03	<2.06e2	n/a	n/a	98.80	598.0	n/a
S961002105		F Molybdenum - ICP-Fusion	ug/g	99.60	<5.00e-02	<9.98e+02	<1.03e3	1.00e+03	19.1	93.80	200.0	n/a
S961002105		F Sodium - ICP-Fusion	ug/g	101.8	<1.51e-01	<1.60e+03	<1.62e+03	1.61e+03	1.24	99.30	598.0	n/a
S961002105		F Neodymium - ICP-Fusion	ug/g	102.4	<1.00e-01	<2.00e+03	<2.06e2	n/a	n/a	99.30	2.00e+03	n/a
S961002105		F Nickel - ICP-Fusion	ug/g	98.40	<2.05e-01	<7.65e+03	1.01e+04	8.88e+03	27.6	97.80	399.0	n/a
S961002105		F Phosphorus - ICP-Fusion	ug/g	102.2	<2.00e-01	<3.99e+03	<4.12e3	n/a	n/a	115.4	3.99e+03	n/a
S961002105		F Lead - ICP-Fusion	ug/g	97.60	<1.00e-01	<2.00e+03	<2.06e2	n/a	n/a	97.80	2.00e+03	n/a
S961002105		F Sulfur - ICP-Fusion	ug/g	98.60	<1.00e-02	<1.20e+03	<1.24e3	2.36e+03	13.6	100.5	2.00e+03	n/a
S961002105		F Antimony - ICP-Fusion	ug/g	96.00	<6.00e-02	<2.00e+03	<2.06e2	n/a	n/a	95.10	1.20e+03	n/a
S961002105		F Selenium - ICP-Fusion	ug/g	99.40	<1.00e-01	<2.00e+03	<2.06e2	n/a	n/a	102.2	2.00e+03	n/a
S961002105		F Silicon - ICP-Fusion	ug/g	92.80	<5.00e-02	<3.29e+03	<2.25e+03	2.77e+03	37.5	94.30	598.0	n/a
S961002105		F Samarium - ICP-Fusion	ug/g	99.40	<1.00e-01	<2.00e+03	<2.06e2	n/a	n/a	94.60	2.00e+03	n/a
S961002105		F Strontium - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.00e+02	<2.06e2	n/a	n/a	95.90	200.0	n/a
S961002105		F Tantalum - ICP-Fusion	ug/g	98.20	<1.00e-02	<2.00e+02	<2.06e2	n/a	n/a	95.90	200.0	n/a
S961002105		F Thallium - ICP-Fusion	ug/g	95.00	<2.00e-01	<3.99e+03	<4.12e3	n/a	n/a	93.90	3.99e+03	n/a
S961002105		F Uranium - ICP-Fusion	ug/g	98.20	<5.00e-01	<9.98e+03	<1.03e4	n/a	n/a	93.90	9.98e+03	n/a
S961002105		F Vanadium - ICP-Fusion	ug/g	99.80	<5.00e-02	<9.98e+02	<1.03e3	n/a	n/a	98.80	598.0	n/a
S961002105		F Zinc - ICP-Fusion	ug/g	99.20	<1.00e-02	<2.00e+02	<2.06e2	n/a	n/a	98.80	200.0	n/a
S961002105		F Zirconium - ICP-Fusion	ug/g	98.00	<1.00e-02	<2.00e+02	<2.06e2	n/a	n/a	95.60	200.0	n/a
S961002105		F Cobalt-60 by GEA	uCi/g	97.86	<3.75e-01	<3.73e-01	<3.10e-01	169.7	2.95	n/a	3.73e-01	n/a
S961002105		F Cesium-137 by GEA	uCi/g	98.45	<8.49e-01	<1.72e+02	<1.67e-01	169.7	2.95	n/a	3.73e-01	n/a
S961002105		F Europium-154 by GEA	uCi/g	n/a	<1.010	<1.010	<1.12e0	n/a	n/a	n/a	7.25e-01	1.87
S961002105		F Europium-155 by GEA	uCi/g	n/a	<9.00e-01	<4.199	<2.09e0	n/a	n/a	n/a	4.195	n/a
S961002105		F Americium-241 by GEA	uCi/g	114.1	<3.97e-02	<2.31e-01	<2.17e-01	2.24e-01	6.25	111.7	4.00e-02	2.79e-01
S961002110		F Alpha of Digested Solid	ug/g	82.80	<1.00e-02	13.20	12.60	12.90	4.65	3.930	3.930	n/a
S961002110		F Silver - ICP-Acid Digest	ug/g	88.60	1.09e-01	<2.10e+04	<2.15e+04	2.12e+04	2.35	n/a	19.70	n/a
S961002110		F Aluminum - ICP-Acid Digest	ug/g	88.60	1.09e-01	<2.10e+04	<2.15e+04	2.12e+04	2.35	n/a	19.70	n/a

WHO-SD-WM-DP-185, REV. 0

Sample#	P	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPP %	Spk Rec %	Det Limit	Count Err%
S96T002110	A	Arsenic - ICP-Acid Digest	ug/g	90.00	< 1.00e-01	< 39.30	< 39.30	< 3.86e1	n/a	86.60	39.30	n/a
S96T002110	A	Boron - ICP-Acid Digest	ug/g	96.40	5.75e-01	70.10	58.10	64.10	18.7	95.66	19.70	n/a
S96T002110	A	Barium - ICP-Acid Digest	ug/g	87.80	< 5.00e-02	< 19.70	19.70	19.70	n/a	89.80	19.70	n/a
S96T002110	A	Beryllium - ICP-Acid Digest	ug/g	104.0	< 5.00e-03	< 1.970	< 1.93e0	< 1.93e0	n/a	88.20	1.970	n/a
S96T002110	A	Bismuth - ICP-Acid Digest	ug/g	95.00	< 1.00e-01	75.90	83.20	79.55	9.18	98.68	39.30	n/a
S96T002110	A	Cadmium - ICP-Acid Digest	ug/g	95.00	8.54e-01	9.98e-02	1.17e+03	1.08e+03	15.9	92.68	39.30	n/a
S96T002110	A	Cadmium - ICP-Acid Digest	ug/g	83.80	< 5.00e-02	7.20	6.540	6.830	8.69	85.68	1.970	n/a
S96T002110	A	Cerium - ICP-Acid Digest	ug/g	91.80	< 2.00e-02	< 39.30	< 3.86e1	n/a	n/a	93.20	39.30	n/a
S96T002110	A	Cobalt - ICP-Acid Digest	ug/g	84.40	< 1.00e-02	7.860	< 7.72e0	n/a	n/a	88.00	7.860	n/a
S96T002110	A	Chromium - ICP-Acid Digest	ug/g	95.00	< 1.00e-02	7.06e-03	7.43e+03	7.24e+03	5.11	n/a	3.930	n/a
S96T002110	A	Copper - ICP-Acid Digest	ug/g	89.60	1.70e-01	11.00	6.890	8.945	45.9	88.08	3.930	n/a
S96T002110	A	Iron - ICP-Acid Digest	ug/g	87.00	1.17e-01	6.48e-02	66.70	65.75	2.89	80.90	19.70	n/a
S96T002110	A	Potassium - ICP-Acid Digest	ug/g	84.20	< 5.00e-01	1.16e+03	1.24e+03	1.20e+03	6.67	95.68	19.70	n/a
S96T002110	A	Lanthanum - ICP-Acid Digest	ug/g	93.60	< 5.00e-02	< 19.70	< 1.93e1	n/a	n/a	91.20	19.70	n/a
S96T002110	A	Lithium - ICP-Acid Digest	ug/g	93.60	< 1.00e-02	3.930	< 3.86e0	n/a	n/a	92.20	3.930	n/a
S96T002110	A	Magnesium - ICP-Acid Digest	ug/g	85.80	< 1.00e-01	6.170	72.10	66.90	15.5	83.72	39.30	n/a
S96T002110	A	Manganese - ICP-Acid Digest	ug/g	83.00	< 1.00e-02	7.88e-02	80.20	79.50	1.76	84.58	3.930	n/a
S96T002110	A	Molybdenum - ICP-Acid Digest	ug/g	85.00	< 5.00e-02	48.00	49.70	48.85	3.48	85.52	19.70	n/a
S96T002110	A	Sodium - ICP-Acid Digest	ug/g	102.6	8.94e-01	1.40e+05	1.40e+05	1.40e+05	0.00	314.2	39.30	n/a
S96T002110	A	Neodymium - ICP-Acid Digest	ug/g	89.00	< 1.00e-01	< 39.30	< 3.86e1	n/a	n/a	91.00	39.30	n/a
S96T002110	A	Nickel - ICP-Acid Digest	ug/g	85.60	< 2.00e-02	88.20	90.00	89.10	2.02	86.02	7.860	n/a
S96T002110	A	Phosphorus - ICP-Acid Digest	ug/g	91.20	< 2.00e-01	1.93e+03	2.05e+03	1.99e+03	6.03	113.2	78.60	n/a
S96T002110	A	Selenium - ICP-Acid Digest	ug/g	84.20	1.05e-01	65.50	72.70	69.10	10.4	84.74	39.30	n/a
S96T002110	A	Antimony - ICP-Acid Digest	ug/g	88.80	< 6.00e-02	< 23.60	< 2.12e+03	2.08e+03	3.36	101.3	39.30	n/a
S96T002110	A	Silver - ICP-Acid Digest	ug/g	85.20	< 1.00e-01	< 39.30	< 3.86e1	n/a	n/a	81.20	39.30	n/a
S96T002110	A	Selenium - ICP-Acid Digest	ug/g	85.20	< 1.00e-01	< 39.30	< 3.86e1	n/a	n/a	88.00	39.30	n/a
S96T002110	A	Strontium - ICP-Acid Digest	ug/g	87.80	< 1.00e-02	70.90	71.90	71.40	1.40	88.18	3.930	n/a
S96T002110	A	Titanium - ICP-Acid Digest	ug/g	82.00	< 1.00e-02	24.20	26.10	25.15	7.55	82.34	3.930	n/a
S96T002110	A	Thallium - ICP-Acid Digest	ug/g	81.00	< 2.00e-01	< 78.60	< 7.72e1	n/a	n/a	82.40	78.60	n/a
S96T002110	A	Uranium - ICP-Acid Digest	ug/g	85.80	< 5.00e-01	1.96e+03	1.98e+03	1.97e+03	1.02	91.31	197.0	n/a
S96T002110	A	Vanadium - ICP-Acid Digest	ug/g	85.40	< 5.00e-02	< 19.70	< 1.93e1	n/a	n/a	86.60	19.70	n/a
S96T002110	A	Zinc - ICP-Acid Digest	ug/g	82.60	4.10e-02	28.00	27.90	27.95	0.36	85.56	3.930	n/a
S96T002110	A	Zirconium - ICP-Acid Digest	ug/g	92.00	< 1.00e-02	12.50	13.30	12.90	6.20	91.14	3.930	n/a
S96T002119	W	Fluoride - IC - Dionex 4000i/4500	ug/g	99.49	< 1.30e-02	< 51.94	< 5.16e1	n/a	n/a	n/a	51.93	n/a
S96T002119	W	Chloride - IC - Dionex 4000i/4500	ug/g	92.66	2.10e-02	4.34e+03	4.19e+03	4.27e+03	3.52	n/a	67.91	n/a
S96T002119	W	Nitrite - IC - Dionex 4000i/4500	ug/g	96.35	2.07e-01	6.42e+04	6.51e+04	6.47e+04	1.39	n/a	427.6	n/a
S96T002119	W	Bromide by Ion Chromatograph	ug/g	98.21	< 1.26e-01	< 5.03e+02	< 5.00e2	1.22e+05	n/a	n/a	503.4	n/a
S96T002119	W	Nitrate by IC - Dionex4000i/4500	ug/g	98.21	< 1.40e-01	1.15e+05	1.22e+05	1.19e+05	5.91	n/a	559.0	n/a
S96T002119	W	Phosphate - IC - Dionex 4000i/4500	ug/g	97.87	< 1.19e-01	5.90e+03	6.78e+03	6.34e+03	13.9	n/a	475.0	n/a
S96T002119	W	Sulfate by IC - Dionex4000i/4500	ug/g	92.84	< 1.36e-01	6.80e+03	7.23e+03	7.01e+03	6.13	n/a	543.1	n/a
S96T002119	W	Oxalate by IC - Dionex 4000i	ug/g	103.1	< 1.05e-01	1.11e+04	1.06e+04	1.08e+04	4.61	n/a	419.6	n/a

Table 4. Data Summary Table
S-101

CORE NUMBER: 142
SEGMENT #: 5

SEGMENT PORTION: U Upper Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002060		Bulk Density of Sample	g/mL	n/a	n/a	1.660	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002071		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002071		DSC Exotherm on Perkin Elmer	Joules/g	100.9	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002071		% Water by TGA on Perkin Elmer	%	99.54	n/a	48.32	47.77	48.05	1.14	n/a	n/a	n/a
S961002093		F Silver - LCP-Fusion	ug/g	98.20	<1.00e-02	<1.87e2	<1.87e2	1.08e+05	5.56	89.00	194.0	n/a
S961002093		F Aluminum - LCP-Fusion	ug/g	99.20	<5.00e-02	1.11e+05	1.05e+05	1.08e+05	5.56	98.20	194.0	n/a
S961002093		F Arsenic - LCP-Fusion	ug/g	104.2	<1.00e-01	<1.94e+03	<1.87e3	n/a	n/a	102.4	1.94e+03	n/a
S961002093		F Boron - LCP-Fusion	ug/g	103.2	<5.00e-02	<9.36e2	<9.36e2	n/a	n/a	99.00	968.0	n/a
S961002093		F Barium - LCP-Fusion	ug/g	100.6	<5.00e-02	<9.36e2	<9.36e2	n/a	n/a	98.30	968.0	n/a
S961002093		F Beryllium - LCP-Fusion	ug/g	106.2	<5.00e-03	<96.80	<9.36e1	n/a	n/a	103.4	1.94e+03	n/a
S961002093		F Bismuth - LCP-Fusion	ug/g	101.6	<1.00e-01	<1.94e+03	<1.87e3	n/a	n/a	101.2	1.94e+03	n/a
S961002093		F Calcium - LCP-Fusion	ug/g	99.80	<1.00e-01	<1.94e+03	<1.87e3	n/a	n/a	97.60	96.80	n/a
S961002093		F Cadmium - LCP-Fusion	ug/g	98.20	<5.00e-03	<1.94e+03	<9.36e1	n/a	n/a	101.7	1.94e+03	n/a
S961002093		F Cerium - LCP-Fusion	ug/g	98.80	<2.00e-02	<3.87e+02	<3.74e2	n/a	n/a	98.80	387.0	n/a
S961002093		F Cobalt - LCP-Fusion	ug/g	100.0	<1.00e-02	6.59e+03	6.32e+03	6.46e+03	4.18	99.90	194.0	n/a
S961002093		F Chromium - LCP-Fusion	ug/g	106.0	<1.00e-02	<1.94e+02	<1.87e2	n/a	n/a	104.6	194.0	n/a
S961002093		F Copper - LCP-Fusion	ug/g	101.2	<5.00e-02	<9.68e+02	<9.36e2	n/a	n/a	105.1	968.0	n/a
S961002093		F Iron - LCP-Fusion	ug/g	101.2	<5.00e-02	<1.94e+02	<1.87e2	n/a	n/a	100.2	194.0	n/a
S961002093		F Lanthanum - LCP-Fusion	ug/g	105.6	<1.00e-02	<1.94e+02	<1.87e2	n/a	n/a	102.2	968.0	n/a
S961002093		F Lithium - LCP-Fusion	ug/g	99.00	<1.00e-01	<1.94e+03	<1.87e3	n/a	n/a	98.50	1.94e+03	n/a
S961002093		F Magnesium - LCP-Fusion	ug/g	96.60	<1.00e-02	<9.68e+02	<9.36e2	n/a	n/a	99.80	968.0	n/a
S961002093		F Manganese - LCP-Fusion	ug/g	99.60	<5.00e-02	<9.68e+02	<9.36e2	1.30e+03	7.69	94.30	194.0	n/a
S961002093		F Molybdenum - LCP-Fusion	ug/g	101.8	<1.51e-01	<1.39e+05	1.38e+05	1.38e+05	0.72	99.60	1.94e+03	n/a
S961002093		F Sodium - LCP-Fusion	ug/g	102.4	<1.00e-01	<1.94e+03	<1.87e3	6.10e+03	33.4	96.70	387.0	n/a
S961002093		F Neodymium - LCP-Fusion	ug/g	98.40	<2.00e-01	5.08e+03	7.12e+03	n/a	n/a	110.0	3.87e+03	n/a
S961002093		F Nickel - LCP-Fusion	ug/g	102.2	<2.00e-01	<3.87e+03	<3.74e3	n/a	n/a	97.60	1.94e+03	n/a
S961002093		F Phosphorus - LCP-Fusion	ug/g	97.40	<1.00e-01	<1.94e+03	<1.87e3	n/a	n/a	102.2	1.94e+03	n/a
S961002093		F Sulfur - LCP-Fusion	ug/g	96.00	<1.00e-01	<1.94e+03	<1.12e3	n/a	n/a	96.30	1.16e+03	n/a
S961002093		F Antimony - LCP-Fusion	ug/g	96.00	<5.00e-02	<1.94e+03	<1.87e3	n/a	n/a	99.50	1.94e+03	n/a
S961002093		F Selenium - LCP-Fusion	ug/g	92.80	<5.00e-02	<9.68e+02	<9.36e2	n/a	n/a	98.30	968.0	n/a
S961002093		F Silicon - LCP-Fusion	ug/g	99.40	<1.00e-01	<1.94e+03	<1.87e3	n/a	n/a	95.60	1.94e+03	n/a
S961002093		F Samarium - LCP-Fusion	ug/g	100.2	<1.00e-02	<1.94e+02	<1.87e2	n/a	n/a	100.0	194.0	n/a
S961002093		F Strontium - LCP-Fusion	ug/g	98.20	<1.00e-02	<1.94e+02	<1.87e2	n/a	n/a	97.30	194.0	n/a
S961002093		F Thallium - LCP-Fusion	ug/g	95.00	<2.00e-01	<3.87e+03	<3.74e3	n/a	n/a	98.90	9.68e+03	n/a
S961002093		F Uranium - LCP-Fusion	ug/g	98.20	<5.00e-01	<9.68e+03	<9.36e3	n/a	n/a	98.80	968.0	n/a
S961002093		F Vanadium - LCP-Fusion	ug/g	99.80	<5.00e-02	<9.68e+02	<9.36e2	n/a	n/a	99.80	194.0	n/a
S961002093		F Zinc - LCP-Fusion	ug/g	99.20	<1.00e-02	<1.94e+02	<1.87e2	n/a	n/a	96.60	194.0	n/a
S961002093		F Zirconium - LCP-Fusion	ug/g	98.00	<1.00e-02	<1.94e+02	<1.87e2	n/a	n/a	n/a	n/a	n/a
S961002093		F Cobalt-60 by GEA	uCi/g	97.86	<3.75e-01	<3.62e-01	<3.27e-1	147.2	2.72	n/a	3.62e-01	n/a
S961002093		F Cesium-137 by GEA	uCi/g	98.45	<8.49e-01	<1.45e+02	149.0	147.2	n/a	n/a	n/a	2.03
S961002093		F Europium-154 by GEA	uCi/g	n/a	<1.010	<1.159	<7.81e-1	n/a	n/a	n/a	1.159	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002093		F Europium - TSS by GEA	µCi/g	n/a	< 9.00e-01	1.835	< 1.9360	n/a	n/a	n/a	1.855	n/a
S96T002093		F Europium - 241 by GEA	µCi/g	n/a	< 1.550	3.742	< 4.0960	n/a	n/a	n/a	3.736	n/a
S96T002111		A Silicon - ICP-Acid Digest	µg/g	82.80	< 1.00e-02	10.10	9.820	9.960	2.81	n/a	3.530	n/a
S96T002111		A Aluminum - ICP-Acid Digest	µg/g	98.60	< 1.00e-01	1.76e+02	1.97e+04	1.86e+04	11.3	n/a	12.70	n/a
S96T002111		A Arsenic - ICP-Acid Digest	µg/g	90.00	< 1.00e-01	35.30	34.864	35.08	17.3	n/a	35.30	n/a
S96T002111		A Boron - ICP-Acid Digest	µg/g	94.40	< 5.26e-01	44.20	110.0	87.0	52.6	n/a	12.70	n/a
S96T002111		A Beryllium - ICP-Acid Digest	µg/g	87.80	< 5.00e-02	17.20	< 1.9341	n/a	n/a	n/a	17.70	n/a
S96T002111		A Barium - ICP-Acid Digest	µg/g	104.0	< 5.00e-03	1.770	< 1.9360	n/a	n/a	n/a	1.770	n/a
S96T002111		A Cadmium - ICP-Acid Digest	µg/g	87.00	< 5.00e-01	35.30	< 3.8641	182.5	26.8	n/a	35.30	n/a
S96T002111		A Calcium - ICP-Acid Digest	µg/g	95.00	8.54e-01	1.58e+02	207.0	207.0	2.050	n/a	1.770	n/a
S96T002111		A Cerium - ICP-Acid Digest	µg/g	83.80	< 5.00e-03	70.0	< 3.8641	2.320	26.3	n/a	35.30	n/a
S96T002111		A Cobalt - ICP-Acid Digest	µg/g	91.80	< 1.00e-01	3.70	< 3.8641	n/a	n/a	n/a	7.070	n/a
S96T002111		A Chromium - ICP-Acid Digest	µg/g	86.40	< 2.00e-02	2.76e+03	3.86e+03	3.32e+03	33.9	n/a	3.530	n/a
S96T002111		A Copper - ICP-Acid Digest	µg/g	85.00	< 1.00e-02	5.300	8.890	8.095	50.6	n/a	3.530	n/a
S96T002111		A Iron - ICP-Acid Digest	µg/g	89.60	< 1.70e-02	2.65e+02	341.0	313.0	30.2	n/a	12.70	n/a
S96T002111		A Potassium - ICP-Acid Digest	µg/g	86.20	< 5.00e-01	1.19e+03	1.08e+03	1.14e+03	9.69	n/a	17.70	n/a
S96T002111		A Lanthanum - ICP-Acid Digest	µg/g	89.40	< 5.00e-02	< 17.70	< 1.9341	n/a	n/a	n/a	17.70	n/a
S96T002111		A Lithium - ICP-Acid Digest	µg/g	87.40	< 1.00e-02	3.530	< 3.8640	n/a	n/a	n/a	3.530	n/a
S96T002111		A Magnesium - ICP-Acid Digest	µg/g	85.80	< 1.00e-01	35.30	< 3.8641	n/a	n/a	n/a	35.30	n/a
S96T002111		A Manganese - ICP-Acid Digest	µg/g	83.00	< 1.00e-02	7.10e+02	1.00e+03	855.0	33.9	n/a	3.530	n/a
S96T002111		A Molybdenum - ICP-Acid Digest	µg/g	85.00	< 5.00e-02	47.30	44.30	45.80	6.55	n/a	12.70	n/a
S96T002111		A Sodium - ICP-Acid Digest	µg/g	102.6	8.94e-01	1.28e+05	1.26e+05	1.27e+05	1.57	n/a	35.30	n/a
S96T002111		A Neodymium - ICP-Acid Digest	µg/g	89.60	< 2.00e-02	38.00	< 3.8641	55.50	46.75	n/a	35.30	n/a
S96T002111		A Nickel - ICP-Acid Digest	µg/g	91.20	< 2.00e-01	1.29e+03	1.52e+03	1.40e+03	16.4	n/a	7.070	n/a
S96T002111		A Phosphorus - ICP-Acid Digest	µg/g	86.20	< 1.00e-01	4.52e+02	423.0	437.5	6.63	n/a	35.30	n/a
S96T002111		A Lead - ICP-Acid Digest	µg/g	81.00	< 1.00e-01	< 35.30	< 3.8641	n/a	n/a	n/a	35.30	n/a
S96T002111		A Selenium - ICP-Acid Digest	µg/g	88.80	< 6.00e-02	21.20	< 2.3141	n/a	n/a	n/a	21.20	n/a
S96T002111		A Silver - ICP-Acid Digest	µg/g	85.20	< 1.00e-01	35.30	< 3.8641	n/a	n/a	n/a	35.30	n/a
S96T002111		A Samarium - ICP-Acid Digest	µg/g	87.40	< 1.00e-01	35.30	< 3.8641	n/a	n/a	n/a	35.30	n/a
S96T002111		A Strontium - ICP-Acid Digest	µg/g	87.80	< 1.00e-02	88.80	122.0	105.4	31.5	n/a	3.530	n/a
S96T002111		A Titanium - ICP-Acid Digest	µg/g	82.00	< 1.00e-02	< 3.530	< 3.8640	n/a	n/a	n/a	3.530	n/a
S96T002111		A Thallium - ICP-Acid Digest	µg/g	81.00	< 2.00e-01	70.70	< 7.7241	2.60e+03	32.0	n/a	70.70	n/a
S96T002111		A Uranium - ICP-Acid Digest	µg/g	85.80	< 5.00e-01	2.18e+03	3.01e+03	2.60e+03	n/a	n/a	17.70	n/a
S96T002111		A Vanadium - ICP-Acid Digest	µg/g	85.40	< 5.00e-02	17.30	< 1.9341	n/a	n/a	n/a	17.70	n/a
S96T002111		A Zinc - ICP-Acid Digest	µg/g	82.60	< 4.00e-02	19.30	19.90	19.60	3.06	n/a	3.530	n/a
S96T002120		A Zirconium - ICP-Acid Digest	µg/g	92.00	< 1.00e-02	8.770	12.50	10.63	35.1	n/a	3.530	n/a
S96T002120		W Fluoride - IC-Dionex 4000i/4500	µg/g	99.49	< 1.30e-02	< 50.18	< 5.2841	n/a	n/a	n/a	50.19	n/a
S96T002120		W Chloride - IC-Dionex 4000i/4500	µg/g	92.66	< 2.00e-02	4.03e+03	3.99e+03	4.01e+03	1.00	n/a	65.62	n/a
S96T002120		W Nitrite - IC - Dionex 4000i/4500	µg/g	96.35	< 1.07e-01	6.09e+04	6.03e+04	6.06e+04	0.99	103.0	413.1	n/a
S96T002120		W Bromide by Ion Chromatograph	µg/g	99.48	< 1.26e-01	4.86e+02	< 5.1262	n/a	n/a	n/a	110.0	n/a
S96T002120		W Nitrate by IC-Dionex4000i/4500	µg/g	98.21	< 1.40e-01	1.34e+05	1.25e+05	1.30e+05	6.95	118.0	486.4	n/a
S96T002120		W Phosphate - IC-Dionex4000i/4500	µg/g	97.07	< 1.19e-01	5.60e+03	5.21e+03	5.41e+03	7.22	102.0	459.1	n/a
S96T002120		W Sulfate by IC-Dionex4000i/4500	µg/g	97.84	< 1.36e-01	2.20e+03	1.05e+03	1.62e+03	70.8	120.0	524.6	n/a
S96T002120		W Oxalate by IC - Dionex 4000i	µg/g	103.1	< 1.05e-01	7.50e+03	7.58e+03	7.54e+03	1.06	105.0	405.3	n/a

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1-0002-3

Lower Half of Segment: L Lower Half of Segment

Sample#	RA#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002061		Bulk Density of Sample	g/mL	n/a	n/a	1.710			n/a	n/a	5.00e-01	n/a
S961002062		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002072		DSC Exotherm on Perkin Elmer	Joules/g	100.9	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002072		% Water by TGA on Perkin Elmer	%	99.54	n/a	44.34	97.09	40.72	17.8	n/a	n/a	n/a
S961002106	F	Silver - ICP-Fusion	ug/g	98.20	<1.00e-02	<2.04e+03	<1.87e+3	1.12e+05	20.6	88.30	204.0	n/a
S961002106	F	Aluminum - ICP-Fusion	ug/g	99.20	<5.00e-02	1.25e+03	1.01e+05	1.12e+05	103.3	105.3	1.02e+03	n/a
S961002106	F	Arsenic - ICP-Fusion	ug/g	104.2	<1.00e-01	<2.04e+03	<1.87e+3	9.36e+2	n/a	101.0	1.02e+03	n/a
S961002106	F	Boron - ICP-Fusion	ug/g	103.2	<5.00e-02	<1.02e+03	<9.36e+2	n/a	n/a	99.00	1.02e+03	n/a
S961002106	F	Barium - ICP-Fusion	ug/g	100.6	<5.00e-03	<1.02e+03	<9.36e+2	n/a	n/a	103.9	102.0	n/a
S961002106	F	Beryllium - ICP-Fusion	ug/g	106.2	<5.00e-03	<1.02e+03	<1.87e+3	n/a	n/a	101.7	2.04e+03	n/a
S961002106	F	Bismuth - ICP-Fusion	ug/g	101.6	<1.00e-01	<2.04e+03	<1.87e+3	n/a	n/a	101.5	2.04e+03	n/a
S961002106	F	Calcium - ICP-Fusion	ug/g	99.80	<1.00e-01	<2.04e+03	<9.36e+2	n/a	n/a	98.00	102.0	n/a
S961002106	F	Cadmium - ICP-Fusion	ug/g	98.20	<5.00e-03	<1.02e+03	<9.36e+2	n/a	n/a	102.4	2.04e+03	n/a
S961002106	F	Cerium - ICP-Fusion	ug/g	102.8	<1.00e-01	<2.04e+03	<1.87e+3	n/a	n/a	98.50	409.0	n/a
S961002106	F	Cobalt - ICP-Fusion	ug/g	98.80	<2.00e-02	<4.09e+03	<3.75e+2	5.66e+03	19.8	n/a	204.0	n/a
S961002106	F	Chromium - ICP-Fusion	ug/g	100.0	<1.00e-02	<1.02e+03	<1.87e+2	n/a	n/a	105.4	204.0	n/a
S961002106	F	Copper - ICP-Fusion	ug/g	106.9	<1.00e-02	<2.04e+03	<1.87e+2	1.16e+03	25.9	100.7	1.02e+03	n/a
S961002106	F	Iron - ICP-Fusion	ug/g	101.2	<5.00e-02	<1.02e+03	<1.01e+03	1.16e+03	n/a	101.2	1.02e+03	n/a
S961002106	F	Lanthanum - ICP-Fusion	ug/g	101.2	<5.00e-02	<1.02e+03	<1.87e+2	n/a	n/a	103.4	204.0	n/a
S961002106	F	Lithium - ICP-Fusion	ug/g	105.6	<1.00e-02	<2.04e+03	<1.87e+2	n/a	n/a	99.50	2.04e+03	n/a
S961002106	F	Magnesium - ICP-Fusion	ug/g	99.60	<1.00e-01	<2.04e+03	<1.87e+2	n/a	n/a	94.70	204.0	n/a
S961002106	F	Manganese - ICP-Fusion	ug/g	99.60	<5.00e-02	<1.02e+03	<1.87e+2	1.75e+03	21.7	100.0	1.02e+03	n/a
S961002106	F	Molybdenum - ICP-Fusion	ug/g	101.8	<1.00e-01	<2.04e+03	<1.87e+2	1.38e+05	15.9	111.3	2.04e+03	n/a
S961002106	F	Sodium - ICP-Fusion	ug/g	102.4	<1.00e-01	<2.04e+03	<1.87e+2	4.01e+03	22.9	95.90	409.0	n/a
S961002106	F	Neodymium - ICP-Fusion	ug/g	98.40	<2.00e-01	<4.09e+03	<3.75e+2	n/a	n/a	110.2	4.09e+03	n/a
S961002106	F	Nickel - ICP-Fusion	ug/g	102.2	<2.00e-01	<4.09e+03	<3.75e+2	n/a	n/a	98.80	2.04e+03	n/a
S961002106	F	Phosphorus - ICP-Fusion	ug/g	97.40	<1.00e-01	<2.04e+03	<1.87e+2	n/a	n/a	101.7	1.23e+03	n/a
S961002106	F	Sulfur - ICP-Fusion	ug/g	96.60	<1.00e-01	<2.04e+03	<1.87e+2	n/a	n/a	102.2	2.04e+03	n/a
S961002106	F	Antimony - ICP-Fusion	ug/g	92.80	<1.00e-01	<2.04e+03	<1.87e+2	n/a	n/a	98.80	1.02e+03	n/a
S961002106	F	Selenium - ICP-Fusion	ug/g	92.80	<1.00e-01	<2.04e+03	<1.87e+2	n/a	n/a	96.10	2.04e+03	n/a
S961002106	F	Silicon - ICP-Fusion	ug/g	100.9	<1.00e-02	<2.04e+03	<1.87e+2	216.0	20.0	99.70	204.0	n/a
S961002106	F	Strontium - ICP-Fusion	ug/g	98.20	<1.00e-02	<2.04e+03	<1.87e+2	n/a	n/a	98.00	204.0	n/a
S961002106	F	Titanium - ICP-Fusion	ug/g	98.60	<2.00e-01	<4.09e+03	<3.75e+2	n/a	n/a	95.60	4.09e+03	n/a
S961002106	F	Thallium - ICP-Fusion	ug/g	98.20	<5.00e-01	<1.02e+04	<9.36e+2	n/a	n/a	103.3	1.02e+04	n/a
S961002106	F	Uranium - ICP-Fusion	ug/g	99.80	<5.00e-02	<1.02e+03	<9.36e+2	n/a	n/a	100.50	1.02e+03	n/a
S961002106	F	Vanadium - ICP-Fusion	ug/g	99.20	<1.00e-02	<2.04e+03	<1.87e+2	n/a	n/a	97.10	204.0	n/a
S961002106	F	Zinc - ICP-Fusion	ug/g	98.00	<1.00e-02	<2.04e+03	<1.87e+2	n/a	n/a	97.10	204.0	n/a
S961002106	F	Zirconium - ICP-Fusion	ug/g	97.86	<3.75e-01	<3.20e+01	<2.75e-1	n/a	n/a	n/a	3.20e-01	n/a
S961002106	F	Cobalt-60 by GEA	uc1/g	98.45	<8.19e-01	1.40e+02	123.0	131.3	12.9	n/a	n/a	2.11
S961002106	F	Cesium-137 by GEA	uc1/g	n/a	<1.010	<1.040	<8.16e-1	n/a	n/a	n/a	1.040	n/a
S961002106	F	Europium-154 by GEA	uc1/g	n/a	<9.00e-01	<2.033	<1.78e0	n/a	n/a	n/a	2.033	n/a
S961002106	F	Europium-155 by GEA	uc1/g	n/a	<1.550	<4.185	<3.58e0	n/a	n/a	n/a	4.185	n/a
S961002106	F	Alpha-241 by GEA	uc1/g	114.1	<3.97e-02	3.77e-01	2.98e-01	3.38e-01	23.4	n/a	4.80e-02	2.18E+01
S961002106	F	Alpha of Digested Solid	uc1/g	82.80	<1.00e-02	9.330	9.550	9.440	2.33	n/a	3.570	n/a
S961002112	A	Silver - ICP-Acid Digest	ug/g	88.60	1.09e-01	1.51e+04	1.86e+04	1.68e+04	20.8	n/a	17.80	n/a
S961002112	A	Aluminum - ICP-Acid Digest	ug/g									

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A-0002-3

Sample#	R	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count	Err%
S96T002112	A	Arsenic - ICP-Acid Digest	ug/g	90.00	< 1.00e-01	< 35.70	53.82e1	n/a	n/a	n/a	35.70	n/a	n/a
S96T002112	A	Boron - ICP-Acid Digest	ug/g	96.40	5.70e-01	88.00	63.50	75.75	32.3	n/a	17.80	n/a	n/a
S96T002112	A	Barium - ICP-Acid Digest	ug/g	87.80	5.30e-02	19.90	20.10	20.10	1.99	n/a	17.80	n/a	n/a
S96T002112	A	Beryllium - ICP-Acid Digest	ug/g	06.00	< 1.00e-03	< 1.780	< 3.82e1	n/a	n/a	n/a	1.780	n/a	n/a
S96T002112	A	Bismuth - ICP-Acid Digest	ug/g	87.00	8.00e-01	< 35.70	< 3.82e1	n/a	n/a	n/a	35.70	n/a	n/a
S96T002112	A	Calcium - ICP-Acid Digest	ug/g	95.00	8.54e-01	2.08e+02	232.0	220.0	10.9	n/a	35.70	n/a	n/a
S96T002112	A	Cadmium - ICP-Acid Digest	ug/g	83.80	< 1.00e-03	3.370	3.490	3.430	3.50	n/a	1.780	n/a	n/a
S96T002112	A	Cerium - ICP-Acid Digest	ug/g	91.80	< 1.00e-03	< 35.70	< 3.82e1	n/a	n/a	n/a	35.70	n/a	n/a
S96T002112	A	Cobalt - ICP-Acid Digest	ug/g	86.40	< 1.00e-02	7.130	< 7.64e0	n/a	n/a	n/a	7.130	n/a	n/a
S96T002112	A	Chromium - ICP-Acid Digest	ug/g	88.00	< 1.00e-03	3.50e+03	4.09e+03	3.80e+03	15.5	n/a	3.570	n/a	n/a
S96T002112	A	Copper - ICP-Acid Digest	ug/g	89.60	1.70e-02	10.70	8.840	9.770	19.0	n/a	17.80	n/a	n/a
S96T002112	A	Iron - ICP-Acid Digest	ug/g	87.00	1.70e-01	4.65e+02	533.0	499.5	13.4	n/a	17.80	n/a	n/a
S96T002112	A	Potassium - ICP-Acid Digest	ug/g	86.20	< 1.00e-02	9.46e+02	996.0	971.0	5.15	n/a	17.80	n/a	n/a
S96T002112	A	Lanthanum - ICP-Acid Digest	ug/g	89.40	< 1.00e-03	< 17.80	< 3.82e0	n/a	n/a	n/a	17.80	n/a	n/a
S96T002112	A	Lithium - ICP-Acid Digest	ug/g	83.60	< 1.00e-01	< 35.70	< 41.70	n/a	n/a	n/a	35.70	n/a	n/a
S96T002112	A	Magnesium - ICP-Acid Digest	ug/g	83.80	< 1.00e-02	1.36e+03	1.43e+03	1.40e+03	5.02	n/a	3.570	n/a	n/a
S96T002112	A	Manganese - ICP-Acid Digest	ug/g	83.00	< 1.00e-02	37.60	36.30	36.95	3.52	n/a	17.80	n/a	n/a
S96T002112	A	Molybdenum - ICP-Acid Digest	ug/g	83.20	8.30e-01	1.16e+03	1.14e+03	1.15e+03	1.74	n/a	35.70	n/a	n/a
S96T002112	A	Sodium - ICP-Acid Digest	ug/g	80.00	< 1.00e-01	< 35.70	< 3.82e1	n/a	n/a	n/a	35.70	n/a	n/a
S96T002112	A	Neodymium - ICP-Acid Digest	ug/g	88.40	< 1.00e-02	63.80	69.70	66.75	8.84	n/a	7.130	n/a	n/a
S96T002112	A	Nickel - ICP-Acid Digest	ug/g	81.20	< 1.00e-01	1.58e+03	1.62e+03	1.60e+03	2.50	n/a	71.30	n/a	n/a
S96T002112	A	Phosphorus - ICP-Acid Digest	ug/g	81.00	< 1.00e-01	39.60	< 3.82e1	n/a	n/a	n/a	35.70	n/a	n/a
S96T002112	A	Lead - ICP-Acid Digest	ug/g	84.20	1.05e-01	3.65e+02	358.0	361.5	1.94	n/a	35.70	n/a	n/a
S96T002112	A	Sulfur - ICP-Acid Digest	ug/g	88.80	< 1.00e-02	< 21.40	< 2.29e1	n/a	n/a	n/a	21.40	n/a	n/a
S96T002112	A	Antimony - ICP-Acid Digest	ug/g	85.20	< 1.00e-01	< 35.70	< 3.82e1	n/a	n/a	n/a	35.70	n/a	n/a
S96T002112	A	Selenium - ICP-Acid Digest	ug/g	87.40	< 1.00e-01	< 35.70	< 3.82e1	n/a	n/a	n/a	35.70	n/a	n/a
S96T002112	A	Samarium - ICP-Acid Digest	ug/g	87.80	< 1.00e-02	1.71e+02	171.0	171.0	0.00	n/a	3.570	n/a	n/a
S96T002112	A	Strontium - ICP-Acid Digest	ug/g	82.00	< 1.00e-02	3.760	4.380	4.070	15.2	n/a	3.570	n/a	n/a
S96T002112	A	Titanium - ICP-Acid Digest	ug/g	81.00	< 2.00e-01	< 71.30	< 7.64e1	n/a	n/a	n/a	71.30	n/a	n/a
S96T002112	A	Thallium - ICP-Acid Digest	ug/g	85.80	< 1.00e-01	4.22e+03	4.20e+03	4.21e+03	0.48	n/a	17.80	n/a	n/a
S96T002112	A	Uranium - ICP-Acid Digest	ug/g	85.40	< 1.00e-02	16.10	< 1.91e1	n/a	n/a	n/a	17.80	n/a	n/a
S96T002112	A	Vanadium - ICP-Acid Digest	ug/g	82.40	4.10e-02	17.30	17.30	16.70	7.19	n/a	3.570	n/a	n/a
S96T002112	A	Zinc - ICP-Acid Digest	ug/g	98.10	< 1.00e-02	17.20	17.90	17.55	3.99	n/a	3.570	n/a	n/a
S96T002112	A	Zirconium - ICP-Acid Digest	ug/g	98.10	< 1.00e-02	< 51.19	< 4.97e1	n/a	n/a	n/a	51.20	n/a	n/a
S96T002121	W	Fluoride - IC-Dioxex 40001/4500	ug/g	91.77	< 1.07e-02	3.77e+03	3.65e+03	3.71e+03	3.23	n/a	66.95	n/a	n/a
S96T002121	W	Chloride - IC-Dioxex 40001/4500	ug/g	95.62	< 1.07e-01	5.63e+04	5.50e+04	5.57e+04	2.34	n/a	421.3	n/a	n/a
S96T002121	W	Nitrite - IC - Dioxex 40001/4500	ug/g	97.39	< 1.26e-01	< 4.96e+02	< 4.82e2	n/a	n/a	n/a	496.2	n/a	n/a
S96T002121	W	Bromide by Ion Chromatograph	ug/g	99.19	< 1.40e-01	1.28e+03	1.31e+03	1.29e+03	2.32	n/a	550.8	n/a	n/a
S96T002121	W	Nitrate by IC-Dioxex 40001/4500	ug/g	97.25	< 1.89e-01	5.56e+03	5.43e+03	5.43e+03	4.60	n/a	468.3	n/a	n/a
S96T002121	W	Phosphate - IC-Dioxex 40001/4500	ug/g	99.53	3.84e-01	1.19e+03	916.0	1.03e+03	26.0	n/a	535.1	n/a	n/a
S96T002121	W	Sulfate by IC-Dioxex 40001/4500	ug/g	101.7	< 1.05e-01	7.27e+03	9.96e+03	8.61e+03	31.2	n/a	413.5	n/a	n/a
S96T002121	W	Oxalate by IC - Dioxex 40001	ug/g										

Table 4. Data Summary Table
S-101

SEGMENT PORTION: U Upper Half of Segment

Sample #	RMA Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	% Sec	Det Limit	Count Err%
S961002092	Bulk Density of Sample	g/ml	n/a	n/a	1.680	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002093	DSC Exotherm DRY Calculated	Joules/g DRY	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002093	DSC Exotherm on Perkin Elmer	Joules/g	99.82	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002093	% Water by IGA on Perkin Elmer	%	99.44	n/a	38.87	41.22	40.05	5.87	n/a	n/a	n/a
S961002094	F Silicon - ICP-Fusion	ug/g	97.40	< 1.00e-02	< 2.07e-03	1.02e+05	1.04e+05	2.90	76.10	207.0	n/a
S961002094	F Aluminum - ICP-Fusion	ug/g	98.00	< 5.00e-02	1.05e+05	1.02e+05	1.04e+05	2.90	91.20	1.04e+03	n/a
S961002094	F Arsenic - ICP-Fusion	ug/g	101.2	< 1.00e-01	< 2.07e-03	< 1.01e3	n/a	n/a	99.00	2.07e+03	n/a
S961002094	F Boron - ICP-Fusion	ug/g	99.40	< 5.00e-02	< 1.04e+03	< 1.01e3	n/a	n/a	94.60	1.04e+03	n/a
S961002094	F Barium - ICP-Fusion	ug/g	100.2	< 5.00e-02	< 1.04e+03	< 1.01e3	n/a	n/a	95.60	1.04e+03	n/a
S961002094	F Beryllium - ICP-Fusion	ug/g	102.8	< 5.00e-02	< 1.04e+03	< 1.01e3	n/a	n/a	97.80	104.0	n/a
S961002094	F Bismuth - ICP-Fusion	ug/g	99.40	< 1.00e-01	< 2.07e-03	< 2.03e3	n/a	n/a	97.10	2.07e+03	n/a
S961002094	F Calcium - ICP-Fusion	ug/g	100.4	< 1.00e-01	< 2.07e-03	< 2.03e3	n/a	n/a	97.80	104.0	n/a
S961002094	F Cadmium - ICP-Fusion	ug/g	99.40	< 5.00e-03	< 1.04e+02	< 1.01e2	n/a	n/a	99.30	2.07e+03	n/a
S961002094	F Cerium - ICP-Fusion	ug/g	101.2	< 1.00e-01	< 2.07e-03	< 2.03e3	n/a	n/a	100.2	415.0	n/a
S961002094	F Cobalt - ICP-Fusion	ug/g	99.40	< 2.00e-02	< 4.15e+02	4.05e2	2.82e+03	0.36	102.1	207.0	n/a
S961002094	F Chromium - ICP-Fusion	ug/g	97.80	< 1.00e-02	< 2.81e+02	2.82e+02	2.82e+03	0.36	102.1	207.0	n/a
S961002094	F Copper - ICP-Fusion	ug/g	101.0	< 1.00e-02	< 1.08e+03	< 2.03e2	1.24e+03	25.1	100.9	1.04e+03	n/a
S961002094	F Lanthanum - ICP-Fusion	ug/g	99.40	< 5.00e-02	< 1.04e+03	< 1.01e3	n/a	n/a	97.60	1.04e+03	n/a
S961002094	F Lithium - ICP-Fusion	ug/g	102.6	< 1.00e-02	< 2.07e+02	< 2.03e2	n/a	n/a	87.10	207.0	n/a
S961002094	F Magnesium - ICP-Fusion	ug/g	97.20	< 1.00e-01	< 2.07e+03	< 2.03e3	2.10e+03	0.43	100.6	207.0	n/a
S961002094	F Manganese - ICP-Fusion	ug/g	99.40	< 1.00e-02	< 1.04e+03	< 1.01e3	n/a	n/a	100.0	1.04e+03	n/a
S961002094	F Molybdenum - ICP-Fusion	ug/g	99.80	< 5.00e-02	< 1.04e+03	1.28e+05	1.30e+05	3.83	61.10	2.07e+03	n/a
S961002094	F Sodium - ICP-Fusion	ug/g	100.6	< 1.00e-01	< 1.33e+05	< 2.03e3	n/a	n/a	99.30	2.07e+03	n/a
S961002094	F Neodymium - ICP-Fusion	ug/g	99.10	< 5.00e-02	< 2.07e+03	< 2.03e3	1.18e+04	26.7	93.40	415.0	n/a
S961002094	F Nickel - ICP-Fusion	ug/g	99.00	< 5.00e-02	< 1.32e+04	1.03e+04	1.18e+04	26.7	93.40	415.0	n/a
S961002094	F Phosphorus - ICP-Fusion	ug/g	103.0	< 2.00e-01	< 4.15e+03	< 4.05e3	n/a	n/a	106.1	4.15e+03	n/a
S961002094	F Lead - ICP-Fusion	ug/g	99.20	< 1.00e-01	< 2.07e+03	< 2.03e3	n/a	n/a	99.30	2.07e+03	n/a
S961002094	F Selenium - ICP-Fusion	ug/g	93.20	< 6.00e-02	< 1.24e+03	< 1.22e3	n/a	n/a	101.2	2.07e+03	n/a
S961002094	F Silver - ICP-Fusion	ug/g	99.60	< 1.00e-01	< 2.07e+03	< 2.03e3	n/a	n/a	89.50	1.24e+03	n/a
S961002094	F Antimony - ICP-Fusion	ug/g	98.40	< 5.00e-02	< 1.04e+03	< 2.03e3	n/a	n/a	93.70	2.07e+03	n/a
S961002094	F Strontium - ICP-Fusion	ug/g	99.60	< 1.00e-02	< 2.79e+02	< 2.03e3	276.5	1.81	96.20	207.0	n/a
S961002094	F Samarium - ICP-Fusion	ug/g	100.2	< 1.00e-01	< 2.07e+02	< 2.03e3	n/a	n/a	96.10	207.0	n/a
S961002094	F Tantalum - ICP-Fusion	ug/g	99.60	< 1.00e-02	< 4.15e+03	< 2.03e2	n/a	n/a	90.70	4.15e+03	n/a
S961002094	F Thallium - ICP-Fusion	ug/g	97.40	< 2.00e-01	< 4.15e+03	< 4.05e3	n/a	n/a	106.3	1.04e+04	n/a
S961002094	F Thallium - ICP-Fusion	ug/g	96.40	< 5.00e-02	< 1.04e+04	< 1.01e4	n/a	n/a	99.50	1.04e+03	n/a
S961002094	F Uranium - ICP-Fusion	ug/g	99.40	< 5.00e-02	< 1.04e+03	< 1.01e3	n/a	n/a	100.5	207.0	n/a
S961002094	F Vanadium - ICP-Fusion	ug/g	99.80	< 1.00e-02	< 2.07e+02	< 2.03e2	n/a	n/a	96.30	207.0	n/a
S961002094	F Zinc - ICP-Fusion	ug/g	101.0	< 2.00e-02	< 2.53e+01	< 2.03e2	n/a	n/a	n/a	2.53e+01	n/a
S961002094	F Zirconium - ICP-Fusion	ug/g	101.0	< 3.33e-01	< 2.53e+01	< 2.03e2	133.0	0.75	n/a	n/a	n/a
S961002094	F Cobalt-60 by GEA	uc/g	101.0	< 3.33e-01	< 2.53e+01	< 2.03e2	133.0	0.75	n/a	n/a	n/a
S961002094	F Cerium-137 by GEA	uc/g	101.0	< 3.33e-01	< 2.53e+01	< 2.03e2	133.0	0.75	n/a	n/a	n/a
S961002094	F Europium-154 by GEA	uc/g	n/a	< 7.26e-01	< 7.66e-01	< 8.14e-1	n/a	n/a	n/a	7.66e-01	n/a

WHC-SD-WM-DP-185, REV. 0

Sample #	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002094	F	Europium -155 by GEA	uCi/g	n/a	< 0.65e-01	< 1.512	<1.4960	n/a	n/a	n/a	1.512	n/a
S961002094	F	Americium-241 by GEA	uCi/g	n/a	< 1.670	< 3.882	<4.1160	n/a	n/a	n/a	3.882	n/a
S961002113	A	Silver -ICP-Acid Digest	ug/g	82.80	<1.00e-02	13.50	15.20	14.35	11.8	n/a	3.890	n/a
S961002113	A	Aluminum -ICP-Acid Digest	ug/g	88.60	<1.00e-01	1.70e+04	1.76e+04	1.84e+04	14.7	n/a	19.50	n/a
S961002113	A	Arsenic -ICP-Acid Digest	ug/g	90.00	<1.00e-01	< 38.90	<4.4861	n/a	n/a	n/a	38.90	n/a
S961002113	A	Boron -ICP-Acid Digest	ug/g	96.40	<5.76e-01	1.57e+02	133.0	145.0	16.6	n/a	19.50	n/a
S961002113	A	Barium -ICP-Acid Digest	ug/g	87.80	<5.00e-02	< 19.50	<2.24e1	n/a	n/a	n/a	19.50	n/a
S961002113	A	Beryllium -ICP-Acid Digest	ug/g	106.0	<5.00e-03	< 1.950	<2.24e1	n/a	n/a	n/a	1.950	n/a
S961002113	A	Calcium -ICP-Acid Digest	ug/g	87.00	<1.00e-01	71.00	71.90	71.45	1.26	n/a	1.950	n/a
S961002113	A	Calcium -ICP-Acid Digest	ug/g	95.00	8.54e-01	3.92e+02	288.0	340.5	30.8	n/a	38.90	n/a
S961002113	A	Cadmium -ICP-Acid Digest	ug/g	83.80	<5.00e-03	9.670	10.90	10.29	12.0	n/a	1.950	n/a
S961002113	A	Cerium -ICP-Acid Digest	ug/g	91.80	<1.00e-01	< 38.90	<4.4861	n/a	n/a	n/a	38.90	n/a
S961002113	A	Cobalt -ICP-Acid Digest	ug/g	86.40	<2.00e-02	< 7.790	<8.95e0	n/a	n/a	n/a	7.790	n/a
S961002113	A	Chromium -ICP-Acid Digest	ug/g	85.00	<1.00e-02	9.84e+03	1.13e+04	1.06e+04	13.8	n/a	3.890	n/a
S961002113	A	Copper -ICP-Acid Digest	ug/g	89.60	<1.70e-02	< 3.890	<4.4860	n/a	n/a	n/a	3.890	n/a
S961002113	A	Iron -ICP-Acid Digest	ug/g	87.00	<1.77e-01	4.11e+02	478.0	444.5	15.1	n/a	19.50	n/a
S961002113	A	Potassium -ICP-Acid Digest	ug/g	86.20	<5.00e-01	1.19e+03	1.31e+03	1.25e+03	9.60	n/a	19.50	n/a
S961002113	A	Lanthanum -ICP-Acid Digest	ug/g	89.40	<5.00e-02	< 19.50	<2.24e1	n/a	n/a	n/a	19.50	n/a
S961002113	A	Lithium -ICP-Acid Digest	ug/g	93.60	<1.00e-02	< 3.890	<4.4860	n/a	n/a	n/a	3.890	n/a
S961002113	A	Magnesium -ICP-Acid Digest	ug/g	85.80	<1.00e-01	< 38.90	<4.4861	n/a	n/a	n/a	38.90	n/a
S961002113	A	Manganese -ICP-Acid Digest	ug/g	83.00	<1.00e-02	2.20e+02	257.0	238.5	15.5	n/a	3.890	n/a
S961002113	A	Molybdenum -ICP-Acid Digest	ug/g	85.00	<5.00e-02	45.20	50.30	47.75	10.7	n/a	19.50	n/a
S961002113	A	Sodium -ICP-Acid Digest	ug/g	102.6	8.94e-01	1.55e+05	1.82e+05	1.68e+05	16.0	n/a	38.90	n/a
S961002113	A	Neodymium -ICP-Acid Digest	ug/g	89.00	<1.00e-01	< 38.90	<4.4861	n/a	n/a	n/a	38.90	n/a
S961002113	A	Nickel -ICP-Acid Digest	ug/g	85.60	<2.00e-02	1.29e+02	149.0	139.0	14.4	n/a	7.790	n/a
S961002113	A	Phosphorus -ICP-Acid Digest	ug/g	91.20	<2.00e-01	2.72e+03	3.75e+03	3.22e+03	31.3	n/a	77.90	n/a
S961002113	A	Lead -ICP-Acid Digest	ug/g	86.20	<1.05e-01	76.50	83.80	80.15	9.11	n/a	38.90	n/a
S961002113	A	Sulfur -ICP-Acid Digest	ug/g	88.80	<6.00e-02	< 23.40	<2.69e1	n/a	n/a	n/a	38.90	n/a
S961002113	A	Antimony -ICP-Acid Digest	ug/g	85.20	<1.00e-01	< 38.90	<4.4861	n/a	n/a	n/a	38.90	n/a
S961002113	A	Selenium -ICP-Acid Digest	ug/g	87.40	<1.00e-01	< 38.90	<4.4861	n/a	n/a	n/a	38.90	n/a
S961002113	A	Samarium -ICP-Acid Digest	ug/g	87.80	<1.00e-02	3.950	4.730	4.340	18.0	n/a	3.890	n/a
S961002113	A	Strontium -ICP-Acid Digest	ug/g	82.00	<1.00e-02	< 3.890	<4.4860	n/a	n/a	n/a	3.890	n/a
S961002113	A	Titanium -ICP-Acid Digest	ug/g	81.00	<2.00e-01	< 77.90	<8.95e1	n/a	n/a	n/a	77.90	n/a
S961002113	A	Thallium -ICP-Acid Digest	ug/g	85.00	<5.00e-01	4.86e+02	562.0	524.0	14.5	n/a	19.50	n/a
S961002113	A	Vanadium -ICP-Acid Digest	ug/g	85.40	<5.00e-02	< 19.50	<2.24e1	n/a	n/a	n/a	19.50	n/a
S961002113	A	Zinc -ICP-Acid Digest	ug/g	82.00	<4.10e-02	49.50	35.20	42.55	34.5	n/a	3.890	n/a
S961002113	A	Zirconium -ICP-Acid Digest	ug/g	92.00	<1.00e-02	8.690	9.480	8.985	11.0	n/a	3.890	n/a
S961002122	W	Fluoride-IC-Dioxex 40001/4500	ug/g	98.14	<1.30e-02	< 54.47	<5.55e1	n/a	n/a	103.2	54.47	n/a
S961002122	W	Chloride-IC-Dioxex 40001/4500	ug/g	91.67	<1.07e-02	3.59e+03	3.66e+03	3.62e+03	1.93	99.37	71.23	n/a
S961002122	W	Nitrite-IC - Dionex 40001/4500	ug/g	95.62	<1.00e-01	5.32e+04	5.34e+04	5.33e+04	0.38	115.1	448.4	n/a
S961002122	W	Bromide by Ion Chromatograph	ug/g	97.39	<1.26e-01	<5.38e2	<5.38e2	n/a	n/a	94.26	527.9	n/a
S961002122	W	Nitrate by IC-Dioxex40001/4500	ug/g	99.19	<1.40e-01	1.33e+05	1.38e+05	1.35e+05	3.69	96.36	586.1	n/a
S961002122	W	Phosphate-IC-Dioxex 40001/4500	ug/g	97.25	<1.19e-01	4.59e+03	4.42e+03	4.51e+03	3.77	92.49	498.1	n/a
S961002122	W	Sulfate by IC-Dioxex40001/4500	ug/g	99.53	<1.84e-02	7.42e+02	1.02e+03	881.2	31.6	100.0	569.3	n/a
S961002122	W	Oxalate by IC - Dionex 40001	ug/g	101.7	<1.05e-01	1.86e+03	1.64e+03	1.75e+03	12.6	99.81	439.9	n/a

L Lower Half of Segment: L Lower Half of Segment

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec	Det Limit	Count Err
S961002063		Bulk Density	g/mL	n/a	n/a	1.710	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002074		DSC Exotherm Dry	Joules/g Dry	99.82	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002074		DSC Exotherm on Perkin Elmer	Joules/g	99.82	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002074		% Water by TGA on Perkin Elmer	%	99.44	n/a	37.42	35.97	36.70	3.95	n/a	n/a	n/a
S961002091		F Silica - ICP-Fusion	ug/g	97.40	<1.00e-02	<2.05e+02	<2.05e+02	1.50e+05	10.2	77.30	206.0	n/a
S961002091		F Aluminum - ICP-Fusion	ug/g	98.80	<5.00e-03	1.03e+05	1.03e+05	1.08e+05	10.2	95.10	1.03e+03	n/a
S961002091		F Arsenic - ICP-Fusion	ug/g	10.12	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	95.50	2.06e+03	n/a
S961002091		F Boron - ICP-Fusion	ug/g	99.40	<5.00e-03	<1.03e+03	<1.03e+03	n/a	n/a	95.90	1.03e+03	n/a
S961002091		F Barium - ICP-Fusion	ug/g	100.2	<5.00e-02	<1.03e+02	<1.03e+02	n/a	n/a	97.80	1.03e+03	n/a
S961002091		F Beryllium - ICP-Fusion	ug/g	102.8	<5.00e-01	<2.05e+02	<2.05e+02	n/a	n/a	96.30	2.06e+03	n/a
S961002091		F Bismuth - ICP-Fusion	ug/g	99.40	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	95.30	2.06e+03	n/a
S961002091		F Calcium - ICP-Fusion	ug/g	100.4	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	95.30	103.0	n/a
S961002091		F Cadmium - ICP-Fusion	ug/g	99.40	<5.00e-03	<1.03e+02	<1.03e+02	n/a	n/a	95.40	2.06e+03	n/a
S961002091		F Cerium - ICP-Fusion	ug/g	101.2	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	95.40	2.06e+03	n/a
S961002091		F Cobalt - ICP-Fusion	ug/g	99.40	<2.00e-02	<4.12e+02	<4.12e+02	n/a	n/a	95.50	412.0	n/a
S961002091		F Chromium - ICP-Fusion	ug/g	99.80	<1.00e-02	1.50e+03	1.91e+03	1.75e+03	18.3	101.3	206.0	n/a
S961002091		F Copper - ICP-Fusion	ug/g	101.0	<1.00e-02	<2.05e+02	<2.05e+02	n/a	n/a	95.50	206.0	n/a
S961002091		F Iron - ICP-Fusion	ug/g	100.0	<5.00e-02	1.23e+03	1.47e+03	1.35e+03	17.8	99.90	1.03e+03	n/a
S961002091		F Lanthanum - ICP-Fusion	ug/g	99.40	<5.00e-02	<1.03e+03	<1.03e+03	n/a	n/a	95.80	1.03e+03	n/a
S961002091		F Lithium - ICP-Fusion	ug/g	102.6	<1.00e-01	<2.05e+02	<2.05e+02	n/a	n/a	92.90	206.0	n/a
S961002091		F Magnesium - ICP-Fusion	ug/g	97.20	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	96.80	2.06e+03	n/a
S961002091		F Manganese - ICP-Fusion	ug/g	99.40	<1.00e-02	<2.05e+03	<2.05e+03	2.41e+03	12.4	100.2	206.0	n/a
S961002091		F Molybdenum - ICP-Fusion	ug/g	99.80	<5.00e-02	<1.03e+03	<1.03e+03	n/a	n/a	99.50	1.03e+03	n/a
S961002091		F Sodium - ICP-Fusion	ug/g	100.6	<1.00e-01	1.18e+05	1.28e+05	1.23e+05	8.13	85.20	2.06e+03	n/a
S961002091		F Neodymium - ICP-Fusion	ug/g	101.2	<1.00e-02	<2.05e+03	<2.05e+03	n/a	n/a	96.10	2.06e+03	n/a
S961002091		F Nickel - ICP-Fusion	ug/g	99.00	<5.00e-02	6.09e+03	1.43e+04	1.02e+04	81.1	99.50	412.0	n/a
S961002091		F Phosphorus - ICP-Fusion	ug/g	103.0	<2.00e-01	<4.12e+03	<4.09e+03	n/a	n/a	103.4	4.12e+03	n/a
S961002091		F Lead - ICP-Fusion	ug/g	100.0	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	101.0	2.06e+03	n/a
S961002091		F Sulfur - ICP-Fusion	ug/g	99.20	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	95.60	2.06e+03	n/a
S961002091		F Antimony - ICP-Fusion	ug/g	93.20	<6.00e-02	<1.24e+03	<1.23e+03	n/a	n/a	95.60	1.24e+03	n/a
S961002091		F Selenium - ICP-Fusion	ug/g	99.60	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	95.40	2.06e+03	n/a
S961002091		F Silicon - ICP-Fusion	ug/g	98.40	<5.00e-02	1.40e+03	<2.05e+03	n/a	n/a	99.30	1.03e+03	n/a
S961002091		F Samarium - ICP-Fusion	ug/g	100.2	<1.00e-01	<2.05e+03	<2.05e+03	n/a	n/a	97.60	2.06e+03	n/a
S961002091		F Strontium - ICP-Fusion	ug/g	99.60	<1.00e-02	<3.01e+02	<3.01e+02	320.5	12.2	98.10	206.0	n/a
S961002091		F Tantalum - ICP-Fusion	ug/g	97.40	<1.00e-02	<2.05e+02	<2.05e+02	n/a	n/a	96.60	206.0	n/a
S961002091		F Thallium - ICP-Fusion	ug/g	96.40	<2.00e-01	<4.12e+03	<4.09e+03	n/a	n/a	99.30	4.12e+03	n/a
S961002091		F Uranium - ICP-Fusion	ug/g	96.40	<5.00e-01	<1.03e+04	<1.02e+04	n/a	n/a	111.9	1.03e+04	n/a
S961002091		F Vanadium - ICP-Fusion	ug/g	99.60	<5.00e-02	<1.03e+03	<1.02e+03	n/a	n/a	99.50	1.03e+03	n/a
S961002091		F Zinc - ICP-Fusion	ug/g	99.80	<1.00e-02	<2.05e+02	<2.05e+02	n/a	n/a	100.0	206.0	n/a
S961002091		F Zirconium - ICP-Fusion	ug/g	97.80	<1.00e-02	<2.05e+02	<2.05e+02	n/a	n/a	97.30	206.0	n/a
S961002091		F Cobalt-60 by GEA	uc/g	101.0	<3.32e-01	<2.36e+01	<2.56e+01	n/a	n/a	n/a	2.36e-01	n/a
S961002091		F Cesium-137 by GEA	uc/g	100.7	1.970	1.04e+02	118.0	110.8	12.6	n/a	n/a	2.23
S961002091		F Europium-154 by GEA	uc/g	n/a	<6.26e-01	<6.30e-01	<8.12e-01	n/a	n/a	n/a	6.30e-01	n/a
S961002091		F Europium-155 by GEA	uc/g	n/a	<6.05e-01	<6.30e-01	<3.43e-01	n/a	n/a	n/a	1.43e-01	n/a
S961002091		F Americium-241 by GEA	uc/g	103.1	<1.72e-02	3.18e-01	3.48e-01	3.43e-01	14.6	108.1	3.30e-02	n/a
S961002098		F Alpha of Digested Solid	ug/g	82.80	<1.00e-02	8.920	14.80	11.86	49.6	93.10	3.930	n/a
S961002098		A Silver - ICP-Acid Digest	ug/g	88.60	1.09e-01	2.55e+04	7.85e+04	5.20e+04	102	n/a	19.40	n/a

WHC-SD-WM-DP-185, REV. 0

Sample #	RA#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Rec %	Det Limit	Count Err
S961002028		Ascentic - ICP-Acid Digest	ug/g	90.00	<1.00e-01	< 39.30	44.08e1	n/a	n/a	96.00	39.30	n/a
S961002028		Boron - ICP-Acid Digest	ug/g	96.40	5.76e-01	1.14e+02	229.0	171.5	67.1	97.18	19.60	n/a
S961002028		Barium - ICP-Acid Digest	ug/g	87.80	<5.00e-02	27.30	46.20	36.75	51.4	93.62	19.60	n/a
S961002028		Beryllium - ICP-Acid Digest	ug/g	106.0	<5.00e-03	< 1.960	<4.08e1	n/a	n/a	101.0	1.960	n/a
S961002028		Bismuth - ICP-Acid Digest	ug/g	87.00	<1.00e-01	< 39.30	<4.08e1	n/a	n/a	94.80	39.30	n/a
S961002028		Calcium - ICP-Acid Digest	ug/g	95.00	8.54e-01	2.58e+02	358.0	308.0	32.5	91.94	39.30	n/a
S961002028		Cadmium - ICP-Acid Digest	ug/g	83.80	<5.00e-03	< 1.960	<2.04e0	n/a	n/a	91.20	1.960	n/a
S961002028		Cerium - ICP-Acid Digest	ug/g	91.80	<1.00e-01	< 39.30	<4.08e1	n/a	n/a	100.4	39.30	n/a
S961002028		Coastal - ICP-Acid Digest	ug/g	86.40	<2.00e-02	7.860	<8.18e0	n/a	n/a	93.60	7.860	n/a
S961002028		Chromium - ICP-Acid Digest	ug/g	85.00	<1.00e-02	1.56e+03	2.49e+03	2.02e+03	45.9	105.2	3.930	n/a
S961002028		Copper - ICP-Acid Digest	ug/g	89.60	1.70e-02	28.90	25.50	27.20	12.5	92.06	19.60	n/a
S961002028		Iron - ICP-Acid Digest	ug/g	87.00	1.17e-01	8.75e+02	1.69e+03	1.28e+03	65.8	121.1	19.60	n/a
S961002028		Potassium - ICP-Acid Digest	ug/g	86.20	<5.00e-01	7.50e+02	1.19e+03	970.0	45.4	91.46	19.60	n/a
S961002028		Lithium - ICP-Acid Digest	ug/g	89.40	<5.00e-02	< 19.60	<2.04e1	n/a	n/a	97.00	19.60	n/a
S961002028		Lithium - ICP-Acid Digest	ug/g	93.60	<1.00e-02	< 39.30	<4.08e0	n/a	n/a	97.00	39.30	n/a
S961002028		Magnesium - ICP-Acid Digest	ug/g	85.80	<1.00e-01	< 39.30	72.10	n/a	n/a	93.00	39.30	n/a
S961002028		Manganese - ICP-Acid Digest	ug/g	83.00	<1.00e-02	1.96e+03	3.19e+03	2.58e+03	47.8	124.2	3.930	n/a
S961002028		Molybdenum - ICP-Acid Digest	ug/g	85.00	<5.00e-02	26.30	42.80	34.55	47.8	92.32	19.60	n/a
S961002028		Sodium - ICP-Acid Digest	ug/g	102.6	8.94e-01	1.12e+03	1.78e+05	1.44e+05	43.9	1.52e+03	39.30	n/a
S961002028		Nickel - ICP-Acid Digest	ug/g	89.00	<2.00e-01	< 39.30	50.90	n/a	n/a	97.60	39.30	n/a
S961002028		Lead - ICP-Acid Digest	ug/g	85.60	<1.00e-02	61.70	102.0	81.85	49.2	93.52	7.860	n/a
S961002028		Phosphorus - ICP-Acid Digest	ug/g	91.20	<2.00e-01	1.05e+03	1.68e+03	1.36e+03	46.2	121.4	78.60	n/a
S961002028		Sulfur - ICP-Acid Digest	ug/g	86.20	1.05e-01	< 39.30	<4.08e1	n/a	n/a	90.20	39.30	n/a
S961002028		Antimony - ICP-Acid Digest	ug/g	88.80	<6.00e-02	< 23.60	<2.45e1	n/a	n/a	98.12	39.30	n/a
S961002028		Selenium - ICP-Acid Digest	ug/g	85.20	<1.00e-01	< 39.30	<4.08e1	n/a	n/a	91.40	39.30	n/a
S961002028		Samarium - ICP-Acid Digest	ug/g	87.40	<1.00e-01	< 39.30	<4.08e1	n/a	n/a	94.00	39.30	n/a
S961002028		Strontium - ICP-Acid Digest	ug/g	87.80	<1.00e-02	2.34e+02	391.0	312.5	50.2	96.34	3.930	n/a
S961002028		Titanium - ICP-Acid Digest	ug/g	82.00	<1.00e-02	6.190	11.60	8.895	60.8	87.56	3.930	n/a
S961002028		Thallium - ICP-Acid Digest	ug/g	81.00	<2.00e-01	< 78.60	<8.18e1	n/a	n/a	88.00	78.60	n/a
S961002028		Uranium - ICP-Acid Digest	ug/g	85.80	<5.00e-01	5.74e+03	9.24e+03	7.49e+03	46.7	131.8	196.0	n/a
S961002028		Vanadium - ICP-Acid Digest	ug/g	85.40	<5.00e-02	< 19.60	<2.04e1	n/a	n/a	92.40	19.60	n/a
S961002028		Zinc - ICP-Acid Digest	ug/g	82.60	4.10e-02	25.50	53.90	39.70	71.5	90.00	3.930	n/a
S961002028		Zirconium - ICP-Acid Digest	ug/g	92.00	<1.00e-02	< 39.30	38.30	30.65	49.9	98.26	3.930	n/a
S961002028		Fluoride - IC-Dionex 4000i/4500	ug/g	102.5	<1.30e-02	53.67	<5.41e1	n/a	n/a	100.5	53.68	n/a
S961002100		Chloride - IC-Dionex 4000i/4500	ug/g	97.72	<1.70e-02	3.52e+03	3.41e+03	3.46e+03	3.17	83.67	70.18	n/a
S961002100		Nitrite - IC - Dionex 4000i/4500	ug/g	98.54	<1.07e-01	4.90e+04	4.81e+04	4.85e+04	1.85	80.66	441.6	n/a
S961002100		Bromide by Ion Chromatograph	ug/g	98.78	<1.26e-01	<5.20e+02	<5.20e2	n/a	n/a	94.09	520.2	n/a
S961002100		Nitrate by Ion Chromatograph	ug/g	101.0	<1.40e-01	1.46e+05	1.47e+05	n/a	n/a	56.35	577.5	n/a
S961002100		Phosphate - IC-Dionex 4000i/4500	ug/g	99.45	<1.36e-01	3.80e+03	3.96e+03	3.88e+03	4.12	88.46	490.8	n/a
S961002100		Sulfate by IC-Dionex4000i/4500	ug/g	100.5	<1.36e-01	1.36e+03	1.33e+03	1.35e+03	2.23	95.56	561.1	n/a
S961002100		Oxalate by IC - Dionex 4000i	ug/g	103.1	<1.05e-01	1.01e+03	898.0	952.5	11.7	99.61	433.4	n/a

Table 4. Data Summary Table
S-101

SEGMENT PORTION: U Upper Half of Segment

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002064		Bulk Density of Sample	g/mL	n/a	n/a	1.740	n/a	n/a	n/a	n/a	5.00e-01	n/a
S96T002075		DSC Exotherm DRY Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S96T002075		DSC Exotherm on Perkin Elmer	Joules/g	97.26	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S96T002075		% Water by TGA on Perkin Elmer	%	98.83	n/a	37.23	20.74	28.98	56.9	n/a	n/a	n/a
S96T002075	1	% Water by TGA on Perkin Elmer	%	98.51	n/a	42.79	41.10	41.95	4.03	n/a	n/a	n/a
S96T002095		F Silver - ICP-Fusion	ug/g	97.40	<1.00e-02	<1.99e-02	<2.01e-02	<1.12e+03	2.69	76.10	199.0	n/a
S96T002095		F Aluminum - ICP-Fusion	ug/g	98.00	<5.00e-03	<1.00e-03	<1.13e+03	<1.12e+03	2.69	95.40	993.0	n/a
S96T002095		F Arsenic - ICP-Fusion	ug/g	101.2	<1.00e-01	<1.99e-03	<2.01e-03	n/a	n/a	100.0	1.99e+03	n/a
S96T002095		F Boron - ICP-Fusion	ug/g	99.40	<1.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	95.10	993.0	n/a
S96T002095		F Barium - ICP-Fusion	ug/g	100.2	<5.00e-03	<9.99e-02	<1.00e-02	n/a	n/a	97.60	993.0	n/a
S96T002095		F Beryllium - ICP-Fusion	ug/g	102.8	<5.00e-03	<9.99e-02	<1.00e-02	n/a	n/a	99.00	59.30	n/a
S96T002095		F Bismuth - ICP-Fusion	ug/g	99.40	<1.00e-01	<1.99e-03	<2.01e-03	n/a	n/a	98.30	1.99e+03	n/a
S96T002095		F Calcium - ICP-Fusion	ug/g	100.4	<1.00e-01	<1.99e-03	<2.01e-03	n/a	n/a	99.30	1.99e+03	n/a
S96T002095		F Cadmium - ICP-Fusion	ug/g	99.40	<5.00e-03	<9.99e-02	<1.00e-02	n/a	n/a	99.50	99.30	n/a
S96T002095		F Cerium - ICP-Fusion	ug/g	101.2	<1.00e-01	<1.99e-03	<2.01e-03	n/a	n/a	101.2	1.99e+03	n/a
S96T002095		F Cobalt - ICP-Fusion	ug/g	99.40	<2.00e-02	<1.99e-02	<2.01e-02	2.04e+03	2.46	102.1	397.0	n/a
S96T002095		F Chromium - ICP-Fusion	ug/g	99.80	<1.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	97.60	199.0	n/a
S96T002095		F Copper - ICP-Fusion	ug/g	101.0	<1.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	98.70	199.0	n/a
S96T002095		F Iron - ICP-Fusion	ug/g	100.0	<5.00e-02	<1.99e-02	<2.01e-02	1.63e+03	9.82	99.30	993.0	n/a
S96T002095		F Lanthanum - ICP-Fusion	ug/g	99.40	<5.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	88.80	199.0	n/a
S96T002095		F Lithium - ICP-Fusion	ug/g	102.6	<1.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	97.80	1.99e+03	n/a
S96T002095		F Magnesium - ICP-Fusion	ug/g	97.20	<1.00e-01	<1.99e-02	<2.01e-02	n/a	n/a	100.7	199.0	n/a
S96T002095		F Manganese - ICP-Fusion	ug/g	99.40	<1.00e-02	<1.99e-02	<2.01e-02	2.77e+03	0.37	100.7	993.0	n/a
S96T002095		F Molybdenum - ICP-Fusion	ug/g	100.8	<5.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	100.7	993.0	n/a
S96T002095		F Sodium - ICP-Fusion	ug/g	99.40	<1.00e-01	<1.99e-02	<2.01e-02	1.24e+03	2.43	87.60	1.99e+03	n/a
S96T002095		F Neodymium - ICP-Fusion	ug/g	101.2	<1.00e-01	<1.99e-02	<2.01e-02	1.49e+04	16.7	99.50	1.99e+03	n/a
S96T002095		F Nickel - ICP-Fusion	ug/g	99.00	<5.00e-02	<1.99e-02	<2.01e-02	1.38e+04	16.7	99.50	397.0	n/a
S96T002095		F Phosphorus - ICP-Fusion	ug/g	103.0	<2.00e-01	<1.99e-02	<2.01e-02	n/a	n/a	106.6	3.97e+03	n/a
S96T002095		F Lead - ICP-Fusion	ug/g	99.20	<1.00e-01	<1.99e-02	<2.01e-02	n/a	n/a	100.5	1.99e+03	n/a
S96T002095		F Sulfur - ICP-Fusion	ug/g	99.40	<1.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	103.2	1.99e+03	n/a
S96T002095		F Antimony - ICP-Fusion	ug/g	99.60	<1.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	95.60	1.99e+03	n/a
S96T002095		F Selenium - ICP-Fusion	ug/g	98.40	<1.00e-01	<1.99e-02	<2.01e-02	n/a	n/a	95.90	1.99e+03	n/a
S96T002095		F Silicon - ICP-Fusion	ug/g	100.2	<5.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	104.1	993.0	n/a
S96T002095		F Samarium - ICP-Fusion	ug/g	99.60	<1.00e-01	<1.99e-02	<2.01e-02	n/a	n/a	94.90	1.99e+03	n/a
S96T002095		F Strontium - ICP-Fusion	ug/g	97.40	<1.00e-01	<1.99e-02	<2.01e-02	356.0	2.25	97.70	199.0	n/a
S96T002095		F Titanium - ICP-Fusion	ug/g	98.40	<2.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	96.80	199.0	n/a
S96T002095		F Thallium - ICP-Fusion	ug/g	96.40	<5.00e-01	<1.99e-02	<2.01e-02	n/a	n/a	98.50	3.97e+03	n/a
S96T002095		F Vanadium - ICP-Fusion	ug/g	99.40	<5.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	82.55	9.93e+03	n/a
S96T002095		F Uranium - ICP-Fusion	ug/g	99.60	<5.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	100.5	993.0	n/a
S96T002095		F Zinc - ICP-Fusion	ug/g	97.80	<1.00e-02	<1.99e-02	<2.01e-02	n/a	n/a	100.2	199.0	n/a
S96T002095		F Zirconium - ICP-Fusion	ug/g	101.0	<3.35e-01	<1.99e-02	<2.01e-02	n/a	n/a	97.10	199.0	n/a
S96T002095		F Cobalt-60 by GEA	uCi/g	100.7	<3.35e-01	<1.99e-02	<2.01e-02	105.3	2.84	n/a	2.89e-01	n/a
S96T002095		F Cesium-137 by GEA	uCi/g	100.7	1.970	1.04e+02	107.0	105.3	2.84	n/a	n/a	2.15

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A-0002-3

Sample #	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002095	F	Europium-154 by GEA	uCi/g	n/a	< 7.26e-01	< 7.54e-01	< 8.15e-01	n/a	n/a	n/a	7.54e-01	n/a
S961002095	F	Europium-154 by GEA	uCi/g	n/a	< 6.65e-01	< 1.459	< 1.51e0	n/a	n/a	n/a	n/a	n/a
S961002095	F	Americium-241 by GEA	uCi/g	n/a	< 1.670	< 3.740	< 3.62e0	n/a	n/a	n/a	3.740	n/a
S961002114	A	Silver - ICP-Acid Digest	ug/g	82.80	< 1.00e-02	9.830	9.670	9.750	1.84	n/a	3.960	n/a
S961002114	A	Aluminum - ICP-Acid Digest	ug/g	88.60	< 1.00e-01	1.42e+04	2.13e+04	1.78e+04	40.0	n/a	19.80	n/a
S961002114	A	Arsenic - ICP-Acid Digest	ug/g	90.00	< 1.00e-01	< 39.60	< 4.02e1	50.80	27.6	n/a	39.60	n/a
S961002114	A	Boron - ICP-Acid Digest	ug/g	96.40	< 5.76e-01	37.50	43.80	40.80	30.65	n/a	19.80	n/a
S961002114	A	Barium - ICP-Acid Digest	ug/g	87.00	< 5.00e-02	< 1.980	< 2.01e0	n/a	n/a	n/a	1.980	n/a
S961002114	A	Beryllium - ICP-Acid Digest	ug/g	106.0	< 1.00e-03	< 39.60	< 4.02e1	n/a	n/a	n/a	39.60	n/a
S961002114	A	Bismuth - ICP-Acid Digest	ug/g	95.00	< 1.00e-01	2.37e+02	244.0	240.5	2.91	n/a	1.980	n/a
S961002114	A	Calcium - ICP-Acid Digest	ug/g	83.80	< 5.00e-03	< 1.980	< 2.01e0	n/a	n/a	n/a	1.980	n/a
S961002114	A	Cadmium - ICP-Acid Digest	ug/g	91.80	< 1.00e-01	< 39.60	< 4.02e1	n/a	n/a	n/a	39.60	n/a
S961002114	A	Cerium - ICP-Acid Digest	ug/g	86.40	< 2.00e-02	< 7.920	< 8.05e0	n/a	n/a	n/a	7.920	n/a
S961002114	A	Cobalt - ICP-Acid Digest	ug/g	85.00	< 1.00e-02	1.68e+03	1.70e+03	1.69e+03	1.18	n/a	3.960	n/a
S961002114	A	Chromium - ICP-Acid Digest	ug/g	89.60	< 1.00e-02	16.60	16.20	16.40	2.44	n/a	3.960	n/a
S961002114	A	Copper - ICP-Acid Digest	ug/g	87.00	< 1.17e-01	7.98e+02	845.0	821.5	5.72	n/a	19.80	n/a
S961002114	A	Iron - ICP-Acid Digest	ug/g	86.20	< 5.00e-01	7.32e+02	760.0	746.0	3.75	n/a	19.80	n/a
S961002114	A	Potassium - ICP-Acid Digest	ug/g	89.40	< 5.00e-02	< 19.80	< 2.01e1	n/a	n/a	n/a	19.80	n/a
S961002114	A	Lanthanum - ICP-Acid Digest	ug/g	93.60	< 1.00e-02	3.960	< 4.02e0	n/a	n/a	n/a	3.960	n/a
S961002114	A	Lithium - ICP-Acid Digest	ug/g	85.80	< 1.00e-01	51.90	43.60	47.75	17.4	n/a	39.60	n/a
S961002114	A	Magnesium - ICP-Acid Digest	ug/g	83.00	< 1.00e-02	2.21e+03	2.22e+03	2.22e+03	0.45	n/a	3.960	n/a
S961002114	A	Manganese - ICP-Acid Digest	ug/g	85.00	< 5.00e-02	21.60	21.60	21.60	0.00	n/a	19.80	n/a
S961002114	A	Molybdenum - ICP-Acid Digest	ug/g	102.6	< 8.94e-01	1.17e+05	1.17e+05	1.17e+05	0.00	n/a	39.60	n/a
S961002114	A	Sodium - ICP-Acid Digest	ug/g	89.00	< 1.00e-01	< 39.60	< 4.02e1	n/a	n/a	n/a	39.60	n/a
S961002114	A	Neodymium - ICP-Acid Digest	ug/g	85.60	< 2.00e-02	66.60	67.50	67.05	1.34	n/a	7.920	n/a
S961002114	A	Nickel - ICP-Acid Digest	ug/g	91.30	< 2.00e-02	7.41e+02	734.0	737.5	0.95	n/a	7.920	n/a
S961002114	A	Phosphorus - ICP-Acid Digest	ug/g	81.00	< 1.00e-01	< 39.60	< 4.02e1	n/a	n/a	n/a	39.60	n/a
S961002114	A	Lead - ICP-Acid Digest	ug/g	86.30	< 1.00e-01	3.43e+02	348.0	346.5	0.87	n/a	39.60	n/a
S961002114	A	Antimony - ICP-Acid Digest	ug/g	88.30	< 5.00e-02	< 23.80	< 2.41e1	n/a	n/a	n/a	23.80	n/a
S961002114	A	Selenium - ICP-Acid Digest	ug/g	89.30	< 1.00e-01	< 39.60	< 4.02e1	n/a	n/a	n/a	39.60	n/a
S961002114	A	Samarium - ICP-Acid Digest	ug/g	87.80	< 1.00e-01	< 39.60	< 4.02e1	n/a	n/a	n/a	39.60	n/a
S961002114	A	Strontium - ICP-Acid Digest	ug/g	82.00	< 1.00e-02	2.62e+02	265.0	263.5	1.14	n/a	3.960	n/a
S961002114	A	Titanium - ICP-Acid Digest	ug/g	81.00	< 2.00e-02	5.350	5.370	5.360	0.37	n/a	3.960	n/a
S961002114	A	Thallium - ICP-Acid Digest	ug/g	85.40	< 2.00e-01	< 79.20	< 8.05e1	n/a	n/a	n/a	79.20	n/a
S961002114	A	Vanadium - ICP-Acid Digest	ug/g	85.80	< 5.00e-02	6.44e+03	6.49e+03	6.46e+03	0.77	n/a	19.80	n/a
S961002114	A	Zinc - ICP-Acid Digest	ug/g	82.60	< 1.00e-02	< 19.80	< 2.01e1	n/a	n/a	n/a	19.80	n/a
S961002114	A	Zirconium - ICP-Acid Digest	ug/g	92.00	< 1.00e-03	25.00	25.40	25.20	1.59	n/a	3.960	n/a
S961002123	W	Fluoride-IC-Dioxin 40001/4500	ug/g	102.5	< 1.50e-02	< 55.78	< 5.03e1	n/a	n/a	n/a	55.78	n/a
S961002123	W	Chloride-IC-Dioxin 40001/4500	ug/g	97.72	< 1.70e-02	2.99e+03	3.12e+03	3.06e+03	4.26	n/a	72.95	n/a
S961002123	W	Nitrite-IC - Dioxin 40001/4500	ug/g	98.54	< 1.00e-01	4.16e+04	4.34e+04	4.24e+04	4.72	n/a	459.1	n/a
S961002123	W	Nitrate-IC - Dioxin 40001/4500	ug/g	98.98	< 1.00e-01	< 5.12e+05	< 4.87e2	n/a	n/a	n/a	540.8	n/a
S961002123	W	Bromide by Ion Chromatograph	ug/g	101.0	< 1.40e-01	1.52e+05	1.48e+05	1.48e+05	4.71	n/a	600.4	n/a
S961002123	W	Nitrate by IC-Dioxin 40001/4500	ug/g	99.45	< 1.19e-01	1.29e+03	1.71e+03	1.60e+03	13.8	n/a	510.3	n/a
S961002123	W	Phosphate-IC-Dioxin 40001/4500	ug/g	100.5	< 1.30e-01	1.29e+03	1.42e+03	1.36e+03	9.59	n/a	583.2	n/a
S961002123	W	Sulfate by IC-Dioxin 40001/4500	ug/g	103.1	< 1.05e-01	5.19e+02	502.0	510.6	3.33	n/a	450.4	n/a

WHC-SD-WM-DP-185, REV. 0

L Lower Half of Segment: L Lower Half of Segment

Sample#	R	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count	Err%
S961002065		Bulk Density of Sample	g/mL	n/a	n/a	na	n/a	n/a	n/a	n/a	5.00e-01	n/a	n/a
S961002076		DSC Exotherm Dry Calculated	Joules/g Dry	97.26	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a	n/a
S961002076		DSC Exotherm on Perkin Elmer	Joules/g	98.83	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a	n/a
S961002076		% Water by TGA on Perkin Elmer	%	98.83	n/a	36.56	36.14	36.56	2.32	n/a	n/a	n/a	n/a
S961002107		F Silver - ICP-Fusion	ug/g	100.6	<1.00e-02	<2.15e-02	<2.17e2	1.28e+05	1.55	80.00	215.0	n/a	n/a
S961002107		F Aluminum - ICP-Fusion	ug/g	101.0	<5.00e-02	<2.15e+03	<2.17e3	1.28e+05	1.55	100.0	215.0	n/a	n/a
S961002107		F Arsenic - ICP-Fusion	ug/g	104.6	<1.00e-01	<2.15e+03	<2.17e3	1.28e+05	1.55	100.0	215.0	n/a	n/a
S961002107		F Boron - ICP-Fusion	ug/g	101.6	<5.00e-02	<1.07e+03	<1.09e3	n/a	n/a	100.5	2.15e+03	n/a	n/a
S961002107		F Barium - ICP-Fusion	ug/g	102.4	<5.00e-02	<1.07e+03	<1.09e3	n/a	n/a	100.2	1.07e+03	n/a	n/a
S961002107		F Beryllium - ICP-Fusion	ug/g	105.6	<1.00e-01	<2.15e+03	<2.17e3	n/a	n/a	101.0	107.0	n/a	n/a
S961002107		F Bismuth - ICP-Fusion	ug/g	102.6	<5.00e-03	<1.07e+02	<1.09e2	n/a	n/a	99.80	2.15e+03	n/a	n/a
S961002107		F Calcium - ICP-Fusion	ug/g	102.6	<5.00e-03	<1.07e+02	<1.09e2	n/a	n/a	99.50	107.0	n/a	n/a
S961002107		F Cadmium - ICP-Fusion	ug/g	104.0	<1.00e-01	<2.15e+03	<2.17e3	n/a	n/a	101.5	2.15e+03	n/a	n/a
S961002107		F Cerium - ICP-Fusion	ug/g	103.8	<2.00e-02	<2.15e+03	<2.17e3	n/a	n/a	100.2	2.15e+03	n/a	n/a
S961002107		F Cobalt - ICP-Fusion	ug/g	103.6	<2.00e-02	<2.15e+03	<2.17e3	n/a	n/a	102.0	429.0	n/a	n/a
S961002107		F Chromium - ICP-Fusion	ug/g	102.6	<1.00e-02	<1.57e+03	2.08e+03	1.82e+03	27.9	101.7	215.0	n/a	n/a
S961002107		F Copper - ICP-Fusion	ug/g	102.6	<1.00e-02	<2.15e+02	<2.17e2	1.82e+03	4.40	99.50	1.07e+03	n/a	n/a
S961002107		F Iron - ICP-Fusion	ug/g	101.6	<5.00e-02	<1.07e+03	<1.09e3	n/a	n/a	97.30	215.0	n/a	n/a
S961002107		F Lanthanum - ICP-Fusion	ug/g	103.0	<1.00e-01	<2.15e+02	<2.17e2	n/a	n/a	98.30	2.15e+03	n/a	n/a
S961002107		F Lithium - ICP-Fusion	ug/g	100.8	<1.00e-01	<2.15e+03	<2.17e3	2.96e+03	31.5	100.8	1.07e+03	n/a	n/a
S961002107		F Magnesium - ICP-Fusion	ug/g	102.8	<1.00e-02	<2.15e+03	<2.17e3	n/a	n/a	101.5	1.07e+03	n/a	n/a
S961002107		F Manganese - ICP-Fusion	ug/g	103.4	<5.00e-02	<1.07e+03	<1.09e3	n/a	n/a	95.80	2.15e+03	n/a	n/a
S961002107		F Molybdenum - ICP-Fusion	ug/g	102.2	<7.30e-02	<2.25e+03	3.42e+03	3.44e+03	12.2	100.3	429.0	n/a	n/a
S961002107		F Neodymium - ICP-Fusion	ug/g	102.6	<1.00e-01	<2.15e+03	<2.17e3	n/a	n/a	101.5	1.07e+03	n/a	n/a
S961002107		F Nickel - ICP-Fusion	ug/g	102.0	<2.00e-01	<2.15e+03	<2.17e3	n/a	n/a	102.2	2.15e+03	n/a	n/a
S961002107		F Phosphorus - ICP-Fusion	ug/g	102.0	<2.00e-01	<2.15e+03	<2.17e3	n/a	n/a	101.2	2.15e+03	n/a	n/a
S961002107		F Lead - ICP-Fusion	ug/g	101.8	<1.32e-01	<2.15e+03	<2.17e3	n/a	n/a	94.40	1.07e+03	n/a	n/a
S961002107		F Sulfur - ICP-Fusion	ug/g	94.80	<6.00e-02	<1.29e+03	<1.30e3	n/a	n/a	97.10	4.29e+03	n/a	n/a
S961002107		F Antimony - ICP-Fusion	ug/g	102.8	<1.00e-01	<2.15e+03	<2.17e3	n/a	n/a	100.5	2.15e+03	n/a	n/a
S961002107		F Selenium - ICP-Fusion	ug/g	101.2	<5.00e-02	<4.33e+03	<4.35e3	n/a	n/a	97.80	2.15e+03	n/a	n/a
S961002107		F Silicon - ICP-Fusion	ug/g	102.2	<1.00e-01	<2.15e+03	<2.17e3	n/a	n/a	100.8	1.07e+03	n/a	n/a
S961002107		F Samarium - ICP-Fusion	ug/g	102.0	<1.00e-02	<2.15e+03	<2.17e3	n/a	n/a	97.80	2.15e+03	n/a	n/a
S961002107		F Strontium - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.15e+02	<2.17e2	390.0	32.8	100.2	215.0	n/a	n/a
S961002107		F Tantalum - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.15e+02	<2.17e2	n/a	n/a	98.30	215.0	n/a	n/a
S961002107		F Thallium - ICP-Fusion	ug/g	97.90	<2.00e-01	<4.29e+03	<4.35e3	n/a	n/a	97.10	4.29e+03	n/a	n/a
S961002107		F Uranium - ICP-Fusion	ug/g	102.6	<5.00e-02	<1.07e+04	<1.09e4	n/a	n/a	109.5	1.07e+04	n/a	n/a
S961002107		F Vanadium - ICP-Fusion	ug/g	102.6	<5.00e-02	<2.15e+03	<2.17e3	n/a	n/a	100.5	1.07e+03	n/a	n/a
S961002107		F Zinc - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.15e+02	<2.17e2	n/a	n/a	98.00	215.0	n/a	n/a
S961002107		F Zirconium - ICP-Fusion	ug/g	100.2	<1.00e-02	<2.15e+02	<2.17e2	n/a	n/a	101.0	215.0	n/a	n/a
S961002107		F Cobalt-60 by GEA	uCi/g	101.1	<5.96e-01	<4.91e-01	<5.55e-01	n/a	n/a	n/a	4.91e-01	n/a	n/a
S961002107		F Cesium-137 by GEA	uCi/g	102.1	<1.160	61.74	116.0	88.87	61.1	n/a	n/a	4.22	n/a
S961002107		F Europium-154 by GEA	uCi/g	n/a	<9.98e-01	<1.980	<1.65e0	n/a	n/a	n/a	1.980	n/a	n/a
S961002107		F Europium-155 by GEA	uCi/g	n/a	<1.420	<2.115	<2.49e0	n/a	n/a	n/a	2.115	n/a	n/a
S961002107		F Americium-241 by GEA	uCi/g	112.5	<3.54e-02	<2.980	<6.07e0	n/a	n/a	n/a	5.070	n/a	n/a
S961002107		F Alpha of Digested Solid	uCi/g	85.80	<1.00e-02	3.88e-01	5.13e-01	4.51e-01	27.7	113.4	5.20e-02	1.92E-01	n/a
S961002115		A Silver - ICP-Acid Digest	ug/g	88.20	<1.00e-02	9.720	9.590	9.655	1.35	93.0	3.670	n/a	n/a
S961002115		A Aluminum - ICP-Acid Digest	ug/g	88.20	<1.00e-02	2.81e+04	2.52e+04	2.24e+04	22.6	n/a	18.40	n/a	n/a

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002115	A	Arsenic - ICP-Acid Digest	ug/g	90.00	<1.00e-01	< 36.70	<3.58e1	n/a	n/a	94.60	36.70	n/a
S961002115	A	Boron - ICP-Acid Digest	ug/g	95.40	4.62e-01	51.90	49.20	50.55	5.34	95.74	18.40	n/a
S961002115	A	Barium - ICP-Acid Digest	ug/g	87.60	<5.00e-02	39.60	38.60	39.10	2.36	91.88	18.40	n/a
S961002115	A	Beryllium - ICP-Acid Digest	ug/g	99.80	<1.00e-03	< 1.840	<1.79e0	n/a	n/a	97.80	1.840	n/a
S961002115	A	Bismuth - ICP-Acid Digest	ug/g	87.80	<1.00e-01	< 36.70	<3.58e1	n/a	n/a	94.20	36.70	n/a
S961002115	A	Calcium - ICP-Acid Digest	ug/g	94.20	6.49e-01	2.78e+02	269.0	273.5	3.29	98.96	36.70	n/a
S961002115	A	Cadmium - ICP-Acid Digest	ug/g	86.20	<5.00e-03	< 1.840	<1.79e0	n/a	n/a	92.20	1.840	n/a
S961002115	A	Cerium - ICP-Acid Digest	ug/g	92.40	<1.00e-01	< 36.70	<3.58e1	n/a	n/a	100.2	36.70	n/a
S961002115	A	Cobalt - ICP-Acid Digest	ug/g	88.20	<2.00e-02	7.340	7.17e0	7.26	n/a	94.20	7.340	n/a
S961002115	A	Chromium - ICP-Acid Digest	ug/g	87.00	<1.00e-02	1.87e+03	1.83e+03	1.85e+03	2.16	96.00	3.670	n/a
S961002115	A	Copper - ICP-Acid Digest	ug/g	87.80	1.70e-02	18.60	18.30	18.45	6.22	79.42	18.40	n/a
S961002115	A	Iron - ICP-Acid Digest	ug/g	89.40	1.06e-01	1.16e+03	1.09e+03	1.12e+03	10.9	88.34	184.0	n/a
S961002115	A	Potassium - ICP-Acid Digest	ug/g	90.40	<5.00e-01	6.07e+02	544.0	576.5	6.22	96.40	18.40	n/a
S961002115	A	Lanthanum - ICP-Acid Digest	ug/g	89.60	<5.00e-02	< 18.40	<1.79e1	n/a	n/a	93.00	3.670	n/a
S961002115	A	Lithium - ICP-Acid Digest	ug/g	91.00	<1.00e-02	< 3.670	<3.58e0	n/a	n/a	89.00	36.70	n/a
S961002115	A	Magnesium - ICP-Acid Digest	ug/g	84.80	<1.00e-01	< 36.70	<3.58e1	2.93e+03	2.05	97.68	3.670	n/a
S961002115	A	Manganese - ICP-Acid Digest	ug/g	87.40	<5.00e-02	2.96e+03	2.90e+03	n/a	n/a	95.40	18.40	n/a
S961002115	A	Molybdenum - ICP-Acid Digest	ug/g	104.4	7.07e-01	1.11e+05	<1.79e1	1.10e+05	1.82	357.1	36.70	n/a
S961002115	A	Nickel - ICP-Acid Digest	ug/g	89.20	<1.00e-01	44.60	43.90	44.25	1.58	93.20	36.70	n/a
S961002115	A	Neodymium - ICP-Acid Digest	ug/g	88.80	<2.00e-02	91.70	84.80	88.25	7.82	93.20	7.340	n/a
S961002115	A	Phosphorus - ICP-Acid Digest	ug/g	91.60	<2.00e-01	3.96e+02	383.0	389.5	3.34	103.6	73.40	n/a
S961002115	A	Lead - ICP-Acid Digest	ug/g	83.80	<1.00e-01	< 36.70	<3.58e1	n/a	n/a	93.80	36.70	n/a
S961002115	A	Sulfur - ICP-Acid Digest	ug/g	88.80	<1.00e-01	3.47e+02	330.0	338.5	5.02	93.82	36.70	n/a
S961002115	A	Antimony - ICP-Acid Digest	ug/g	89.80	<6.00e-02	< 22.00	<2.15e1	n/a	n/a	97.20	22.00	n/a
S961002115	A	Selenium - ICP-Acid Digest	ug/g	85.00	<1.00e-01	< 36.70	<3.58e1	n/a	n/a	89.20	36.70	n/a
S961002115	A	Samarium - ICP-Acid Digest	ug/g	87.20	<1.00e-01	< 36.70	<3.58e1	n/a	n/a	92.80	36.70	n/a
S961002115	A	Strontium - ICP-Acid Digest	ug/g	87.60	<1.00e-02	3.42e+02	334.0	338.0	2.37	91.34	3.670	n/a
S961002115	A	Titanium - ICP-Acid Digest	ug/g	82.20	<1.00e-02	6.210	5.840	6.025	6.14	87.32	3.670	n/a
S961002115	A	Thallium - ICP-Acid Digest	ug/g	82.40	<2.00e-01	< 73.40	<7.17e1	n/a	n/a	88.00	73.40	n/a
S961002115	A	Uranium - ICP-Acid Digest	ug/g	85.30	<5.00e-01	8.16e+03	8.03e+03	8.10e+03	1.61	82.47	184.0	n/a
S961002115	A	Vanadium - ICP-Acid Digest	ug/g	86.40	<5.00e-02	< 18.40	<1.79e1	n/a	n/a	92.60	18.40	n/a
S961002115	A	Zinc - ICP-Acid Digest	ug/g	85.00	4.10e-02	22.40	21.30	21.85	5.03	90.76	3.670	n/a
S961002124	A	Zirconium - ICP-Acid Digest	ug/g	94.00	<1.00e-02	36.50	35.80	36.15	1.94	98.82	3.670	n/a
S961002124	A	Fluoride - IC-Dioxin 40001/4500	ug/g	97.97	<1.30e-02	< 48.59	<5.02e1	n/a	n/a	n/a	48.59	n/a
S961002124	A	Chloride - IC-Dioxin 40001/4500	ug/g	94.81	<1.70e-02	2.37e+03	2.68e+03	2.53e+03	12.3	n/a	63.55	n/a
S961002124	A	Nitrite - IC - Dioxin 40001/4500	ug/g	96.35	<1.07e-01	3.06e+04	3.49e+04	3.28e+04	13.1	n/a	400.1	n/a
S961002124	A	Bromide by Ion Chromatograph	ug/g	98.09	<1.26e-01	<4.71e+02	<4.86e2	n/a	n/a	n/a	471.0	n/a
S961002124	A	Nitrate by IC-Dioxin40001/4500	ug/g	101.8	<1.40e-01	1.27e+05	1.43e+05	1.35e+05	11.9	n/a	522.9	n/a
S961002124	A	Phosphate by IC-Dioxin 40001/4500	ug/g	97.80	<1.13e-01	1.08e+03	1.19e+03	1.14e+03	9.69	n/a	444.4	n/a
S961002124	A	Sulfate by IC-Dioxin40001/4500	ug/g	101.0	<1.36e-01	1.21e+03	1.19e+03	1.20e+03	1.67	n/a	508.0	n/a
S961002124	A	Oxalate by IC - Dioxin 40001	ug/g	103.7	<1.05e-01	<3.92e+02	<4.05e2	n/a	n/a	n/a	392.5	n/a

11-Jul-1996 11:20:57
A-0002-5CORE NUMBER: 142
SEGMENT #: 8Table 6. Data Summary Table
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SEGMENT PORTION: U Upper Half of Segment

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Error
S961002066		Bulk Density of Sample	g/mL	n/a	n/a	na	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002077		DSC Exotherm Dry Calculated	Joules/g Dry	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002077		DSC Exotherm on Perkin Elmer	Joules/g	94.34	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002077		% Water by TGA on Perkin Elmer	%	98.02	n/a	87.25	27.86	28.35	4.87	n/a	n/a	n/a
S961002096		F Silver - ICP-Fusion	ug/g	100.6	<1.00e-02	<1.99e-02	<1.98e-02	<1.98e-02	n/a	81.20	195.0	n/a
S961002096		F Aluminum - ICP-Fusion	ug/g	101.0	<5.00e-02	<1.47e+05	<1.45e+05	<1.46e+05	n/a	90.69	1.99e+03	n/a
S961002096		F Arsenic - ICP-Fusion	ug/g	104.6	<1.00e-01	<9.95e-02	<9.91e-02	<9.91e-02	n/a	97.30	995.0	n/a
S961002096		F Boron - ICP-Fusion	ug/g	101.6	<5.00e-02	<9.95e-02	<9.91e-02	<9.91e-02	n/a	97.30	995.0	n/a
S961002096		F Barium - ICP-Fusion	ug/g	102.4	<5.00e-02	<9.95e-02	<9.91e-02	<9.91e-02	n/a	100.0	99.50	n/a
S961002096		F Beryllium - ICP-Fusion	ug/g	105.6	<5.00e-03	<97.50	<97.50	<97.50	n/a	99.80	1.99e+03	n/a
S961002096		F Bismuth - ICP-Fusion	ug/g	101.6	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	99.80	1.99e+03	n/a
S961002096		F Calcium - ICP-Fusion	ug/g	102.6	<5.00e-03	<1.99e+03	<1.98e+03	<1.98e+03	n/a	100.0	1.99e+03	n/a
S961002096		F Cadmium - ICP-Fusion	ug/g	104.0	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	99.50	99.50	n/a
S961002096		F Cerium - ICP-Fusion	ug/g	103.8	<2.00e-02	<1.99e+03	<1.98e+03	<1.98e+03	n/a	102.0	1.99e+03	n/a
S961002096		F Cobalt - ICP-Fusion	ug/g	103.8	<1.00e-02	<1.99e+03	<1.98e+03	<1.98e+03	n/a	102.0	1.99e+03	n/a
S961002096		F Chromium - ICP-Fusion	ug/g	102.6	<1.00e-02	<1.99e+03	<1.98e+03	<1.98e+03	n/a	102.0	1.99e+03	n/a
S961002096		F Copper - ICP-Fusion	ug/g	102.6	<1.00e-02	<1.99e+03	<1.98e+03	<1.98e+03	n/a	100.7	199.0	n/a
S961002096		F Iron - ICP-Fusion	ug/g	102.6	<5.00e-02	<1.99e+03	<1.98e+03	<1.98e+03	n/a	99.50	995.0	n/a
S961002096		F Lanthanum - ICP-Fusion	ug/g	103.8	<5.00e-02	<1.99e+03	<1.98e+03	<1.98e+03	n/a	100.2	995.0	n/a
S961002096		F Lithium - ICP-Fusion	ug/g	103.8	<1.00e-02	<1.99e+03	<1.98e+03	<1.98e+03	n/a	97.80	1.99e+03	n/a
S961002096		F Magnesium - ICP-Fusion	ug/g	102.8	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	100.2	199.0	n/a
S961002096		F Manganese - ICP-Fusion	ug/g	105.2	<5.00e-02	<9.95e+02	<9.91e+02	<9.91e+02	n/a	100.2	995.0	n/a
S961002096		F Molybdenum - ICP-Fusion	ug/g	101.8	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	85.60	1.99e+03	n/a
S961002096		F Sodium - ICP-Fusion	ug/g	102.6	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	100.0	1.99e+03	n/a
S961002096		F Neodymium - ICP-Fusion	ug/g	102.2	<7.00e-02	<9.49e+03	<9.49e+03	<9.49e+03	n/a	69.6	98.90	n/a
S961002096		F Nickel - ICP-Fusion	ug/g	102.0	<2.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	101.0	3.98e+03	n/a
S961002096		F Phosphorus - ICP-Fusion	ug/g	102.0	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	99.00	1.99e+03	n/a
S961002096		F Lead - ICP-Fusion	ug/g	101.8	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	102.7	1.99e+03	n/a
S961002096		F Selenium - ICP-Fusion	ug/g	94.80	<6.00e-02	<1.19e+03	<1.19e+03	<1.19e+03	n/a	96.60	1.99e+03	n/a
S961002096		F Strontium - ICP-Fusion	ug/g	102.8	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	95.60	1.99e+03	n/a
S961002096		F Tellurium - ICP-Fusion	ug/g	101.2	<5.00e-02	<1.42e+03	<1.42e+03	<1.42e+03	n/a	27.2	101.6	n/a
S961002096		F Vanadium - ICP-Fusion	ug/g	102.0	<1.00e-01	<1.99e+03	<1.98e+03	<1.98e+03	n/a	96.80	1.99e+03	n/a
S961002096		F Zirconium - ICP-Fusion	ug/g	100.2	<1.00e-02	<5.00e+02	<5.00e+02	<5.00e+02	n/a	7.69	99.70	n/a
S961002096		F Thallium - ICP-Fusion	ug/g	99.60	<2.00e-01	<3.98e+03	<3.97e+03	<3.97e+03	n/a	98.00	199.0	n/a
S961002096		F Uranium - ICP-Fusion	ug/g	97.90	<5.00e-01	<1.18e+04	<1.19e+04	<1.18e+04	n/a	101.5	3.98e+03	n/a
S961002096		F Vanadium - ICP-Fusion	ug/g	102.6	<5.00e-02	<9.95e+02	<9.91e+02	<9.91e+02	n/a	0.84	91.70	n/a
S961002096		F Zinc - ICP-Fusion	ug/g	103.4	<1.00e-02	<1.99e+02	<1.98e+02	<1.98e+02	n/a	100.7	995.0	n/a
S961002096		F Zirconium - ICP-Fusion	ug/g	100.2	<1.00e-02	<1.99e+02	<1.98e+02	<1.98e+02	n/a	98.00	199.0	n/a
S961002096		F Cobalt - 40 by GEA	ug/g	101.1	<5.99e-01	<5.53e-01	<5.92e-01	<5.92e-01	n/a	n/a	5.53e-01	n/a
S961002096		F Cesium - 137 by GEA	ug/g	102.1	<1.160	<97.52	<97.52	<97.52	n/a	25.6	n/a	n/a
S961002096		F Europium - 156 by GEA	ug/g	n/a	<9.98e-01	<2.021	<1.43e0	<1.43e0	n/a	n/a	2.021	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002096	F	Europium-155 by GEA	uCi/g	n/a	<1.420	2.387	<2.3160	n/a	n/a	n/a	2.387	n/a
S961002096	F	Americium-241 by GEA	uCi/g	n/a	<2.980	5.840	<5.7760	n/a	n/a	n/a	5.840	n/a
S961002116	A	Silver -ICP-Acid Digest	ug/g	85.80	<1.00e-02	10.50	9.740	9.970	10.6	n/a	3.710	n/a
S961002116	A	Aluminum -ICP-Acid Digest	ug/g	88.20	5.10e-02	3.21e+04	2.76e+04	2.98e+04	15.1	n/a	18.50	n/a
S961002116	A	Arsenic -ICP-Acid Digest	ug/g	90.00	<1.00e-01	<37.10	<3.60e1	77.90	77.80	n/a	37.10	n/a
S961002116	A	Boron -ICP-Acid Digest	ug/g	95.40	4.62e-01	77.90	42.20	43.05	0.26	n/a	18.50	n/a
S961002116	A	Barium -ICP-Acid Digest	ug/g	87.60	<5.00e-02	43.90	42.20	43.95	3.95	n/a	18.50	n/a
S961002116	A	Beryllium -ICP-Acid Digest	ug/g	99.80	<5.00e-03	<1.850	<1.80e0	n/a	n/a	n/a	1.850	n/a
S961002116	A	Bismuth -ICP-Acid Digest	ug/g	87.80	<1.00e-01	<37.10	<3.60e1	n/a	n/a	n/a	37.10	n/a
S961002116	A	Calcium -ICP-Acid Digest	ug/g	94.20	6.49e-01	3.28e+02	333.0	330.5	1.51	n/a	37.10	n/a
S961002116	A	Calcium -ICP-Acid Digest	ug/g	86.20	<5.00e-03	<1.850	<1.80e0	n/a	n/a	n/a	1.850	n/a
S961002116	A	Cerium -ICP-Acid Digest	ug/g	92.40	<1.00e-01	<37.10	<3.60e1	n/a	n/a	n/a	37.10	n/a
S961002116	A	Cobalt -ICP-Acid Digest	ug/g	88.20	<2.00e-02	<7.410	<7.20e0	n/a	n/a	n/a	7.410	n/a
S961002116	A	Chromium -ICP-Acid Digest	ug/g	87.00	<1.00e-02	1.95e+03	1.89e+03	1.92e+03	3.12	n/a	3.710	n/a
S961002116	A	Copper -ICP-Acid Digest	ug/g	87.80	1.70e-02	19.10	18.40	18.85	2.65	n/a	3.710	n/a
S961002116	A	Iron -ICP-Acid Digest	ug/g	89.40	1.60e-01	3.38e+03	1.30e+03	1.34e+03	5.97	n/a	18.50	n/a
S961002116	A	Potassium -ICP-Acid Digest	ug/g	90.40	<5.00e-01	5.30e+02	520.0	525.0	1.90	n/a	18.50	n/a
S961002116	A	Lanthanum -ICP-Acid Digest	ug/g	89.60	<5.00e-02	19.40	18.30	18.85	5.84	n/a	18.50	n/a
S961002116	A	Lithium -ICP-Acid Digest	ug/g	91.00	<1.00e-02	<37.10	<3.60e1	n/a	n/a	n/a	37.10	n/a
S961002116	A	Magnesium -ICP-Acid Digest	ug/g	84.80	<1.00e-01	<37.10	<3.60e1	n/a	n/a	n/a	37.10	n/a
S961002116	A	Manganese -ICP-Acid Digest	ug/g	84.80	<1.00e-02	3.23e+03	3.13e+03	3.18e+03	3.14	n/a	18.50	n/a
S961002116	A	Molybdenum -ICP-Acid Digest	ug/g	87.40	<1.00e-02	<18.50	<1.80e1	n/a	n/a	n/a	18.50	n/a
S961002116	A	Sodium -ICP-Acid Digest	ug/g	104.4	7.07e-01	1.08e+05	1.05e+05	1.06e+05	2.82	n/a	37.10	n/a
S961002116	A	Neodymium -ICP-Acid Digest	ug/g	89.20	<1.00e-01	52.00	50.40	51.20	3.13	n/a	37.10	n/a
S961002116	A	Nickel -ICP-Acid Digest	ug/g	88.80	<2.00e-02	1.05e+02	98.20	101.6	6.69	n/a	7.410	n/a
S961002116	A	Phosphorus -ICP-Acid Digest	ug/g	91.60	<2.00e-01	1.42e+02	133.0	137.5	6.55	n/a	7.410	n/a
S961002116	A	Lead -ICP-Acid Digest	ug/g	83.80	<1.00e-01	<37.10	<3.60e1	n/a	n/a	n/a	37.10	n/a
S961002116	A	Sulfur -ICP-Acid Digest	ug/g	88.80	<1.00e-01	3.28e+02	319.0	323.5	2.78	n/a	37.10	n/a
S961002116	A	Antimony -ICP-Acid Digest	ug/g	89.80	<6.00e-02	<22.20	<2.16e1	n/a	n/a	n/a	22.20	n/a
S961002116	A	Selenium -ICP-Acid Digest	ug/g	85.00	<1.00e-01	<37.10	<3.60e1	n/a	n/a	n/a	37.10	n/a
S961002116	A	Samarium -ICP-Acid Digest	ug/g	87.20	<1.00e-01	<37.10	<3.60e1	n/a	n/a	n/a	37.10	n/a
S961002116	A	Strontium -ICP-Acid Digest	ug/g	87.60	<1.00e-02	4.43e+02	427.0	435.0	3.68	n/a	3.710	n/a
S961002116	A	Titanium -ICP-Acid Digest	ug/g	82.20	<1.00e-02	<7.280	6.980	7.130	4.21	n/a	7.410	n/a
S961002116	A	Thallium -ICP-Acid Digest	ug/g	82.40	<2.00e-01	<74.10	<7.20e1	n/a	n/a	n/a	74.10	n/a
S961002116	A	Uranium -ICP-Acid Digest	ug/g	85.30	<5.00e-01	1.01e+04	9.84e+03	9.97e+03	2.61	n/a	18.50	n/a
S961002116	A	Vanadium -ICP-Acid Digest	ug/g	86.40	<5.00e-02	<18.50	<1.80e1	n/a	n/a	n/a	18.50	n/a
S961002116	A	Zinc -ICP-Acid Digest	ug/g	85.00	4.10e-02	22.60	22.00	22.30	2.69	n/a	3.710	n/a
S961002116	A	Zirconium -ICP-Acid Digest	ug/g	94.00	<1.00e-02	44.60	43.60	44.10	2.27	n/a	3.710	n/a
S961002125	W	Fluoride-IC-Bioxex 40001/4500	ug/g	97.97	<1.30e-02	<27.40	<2.65e1	n/a	n/a	n/a	27.40	n/a
S961002125	W	Chloride-IC-Bioxex 40001/4500	ug/g	94.81	<1.70e-02	1.14e+03	1.50e+03	1.32e+03	27.3	n/a	35.63	n/a
S961002125	W	Nitrite-IC -Bioxex 40001/4500	ug/g	96.35	<1.07e-01	1.46e+04	1.93e+04	1.70e+04	27.7	n/a	225.5	n/a
S961002125	W	Bromide by Ion Chromatograph	ug/g	98.09	<1.26e-01	<2.66e+02	<2.57e2	n/a	n/a	n/a	265.5	n/a
S961002125	W	Nitrate by IC-Bioxex40001/4500	ug/g	101.8	<1.40e-01	7.17e+04	8.39e+04	7.78e+04	15.7	n/a	294.9	n/a
S961002125	W	Phosphate-IC-Bioxex 40001/4500	ug/g	97.80	<1.39e-01	<2.51e+02	311.0	n/a	n/a	n/a	250.6	n/a
S961002125	W	Sulfate by IC-Bioxex40001/4500	ug/g	101.0	<1.96e-01	5.54e+02	706.0	630.0	24.1	n/a	286.4	n/a
S961002125	W	Oxalate by IC -Bioxex 40001	ug/g	103.7	<1.05e-01	<2.21e+02	<2.14e2	n/a	n/a	n/a	221.3	n/a

WHC-SD-WM-DP-185, REV. 0

L Lower Half of Segment: L Lower Half of Segment

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD % Spk Rec %	Det Limit	Count	Err%
S96T002067		Bulk Density of Sample	g/mL	n/a	n/a	na	n/a	n/a	n/a	5.00e-01		n/a
S96T002078		DSC Exotherm DRY Calculated	Joules/g DRY	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a		n/a
S96T002078		DSC Exotherm on Perkin Elmer	Joules/g	94.34	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a		n/a
S96T002078		% Water by IGA on Perkin Elmer	ug/g	98.02	n/a	33.74	32.27	33.01	4.45	n/a		n/a
S96T002108		F Silver - ICP-Fusion	ug/g	100.61	<1.00e-02	<2.00e-02	<2.00e-02	<2.00e-02	80.20	204.0		n/a
S96T002108		F Aluminum - ICP-Fusion	ug/g	101.01	<5.00e-02	1.25e+05	1.35e+05	1.30e+05	7.69	95.70	1.02e+03	n/a
S96T002108		F Arsenic - ICP-Fusion	ug/g	104.61	<1.00e-01	<2.00e+03	<2.00e+03	100.0	100.0	2.04e+03	n/a	n/a
S96T002108		F Boron - ICP-Fusion	ug/g	101.61	<5.00e-02	<1.02e+03	<9.98e-02	n/a	n/a	97.80	1.02e+03	n/a
S96T002108		F Barium - ICP-Fusion	ug/g	102.41	<5.00e-02	<1.02e+03	<9.98e-02	n/a	n/a	101.2	1.02e+03	n/a
S96T002108		F Beryllium - ICP-Fusion	ug/g	105.61	<5.00e-03	<1.02e+02	<9.98e-01	n/a	n/a	101.0	102.0	n/a
S96T002108		F Bismuth - ICP-Fusion	ug/g	101.61	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	100.0	2.04e+03	n/a
S96T002108		F Calcium - ICP-Fusion	ug/g	102.81	<5.00e-03	<1.02e+02	<2.00e+03	n/a	n/a	102.0	2.04e+03	n/a
S96T002108		F Cadmium - ICP-Fusion	ug/g	102.61	<1.00e-01	<1.02e+02	<9.98e-01	n/a	n/a	99.50	102.0	n/a
S96T002108		F Cerium - ICP-Fusion	ug/g	104.01	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	99.00	2.04e+03	n/a
S96T002108		F Cobalt - ICP-Fusion	ug/g	103.81	<5.00e-02	<4.08e+02	<3.99e-02	n/a	n/a	101.7	408.0	n/a
S96T002108		F Chromium - ICP-Fusion	ug/g	103.61	<1.00e-02	<2.00e+03	<2.00e+03	2.34e+03	1.71	102.0	204.0	n/a
S96T002108		F Copper - ICP-Fusion	ug/g	102.61	<5.00e-02	<1.85e+03	<2.00e+03	2.03e+03	16.7	100.2	1.02e+03	n/a
S96T002108		F Iridium - ICP-Fusion	ug/g	101.61	<5.00e-02	<1.02e+03	<2.00e+03	n/a	n/a	101.2	1.02e+03	n/a
S96T002108		F Lanthanum - ICP-Fusion	ug/g	101.61	<5.00e-02	<1.02e+03	<2.00e+03	2.02e+03	14.4	101.1	204.0	n/a
S96T002108		F Lithium - ICP-Fusion	ug/g	103.01	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	98.60	2.04e+03	n/a
S96T002108		F Magnesium - ICP-Fusion	ug/g	102.81	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	98.00	2.04e+03	n/a
S96T002108		F Manganese - ICP-Fusion	ug/g	102.81	<1.00e-02	<1.87e+03	<2.00e+03	2.16e+03	4.72	91.40	1.02e+03	n/a
S96T002108		F Molybdenum - ICP-Fusion	ug/g	103.41	<5.00e-02	<1.02e+03	<9.98e-02	n/a	n/a	101.2	1.02e+03	n/a
S96T002108		F Neodymium - ICP-Fusion	ug/g	101.81	<1.32e-01	<1.30e+05	<1.24e+05	1.27e+05	4.72	91.40	1.02e+03	n/a
S96T002108		F Nickel - ICP-Fusion	ug/g	102.21	<7.30e-02	<2.00e+03	<2.00e+03	1.26e+04	7.17	100.7	408.0	n/a
S96T002108		F Phosphorus - ICP-Fusion	ug/g	102.01	<2.00e-01	<4.08e+03	<3.99e-03	n/a	n/a	101.5	4.08e+03	n/a
S96T002108		F Selenium - ICP-Fusion	ug/g	101.81	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	102.0	2.04e+03	n/a
S96T002108		F Silver - ICP-Fusion	ug/g	101.81	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	91.80	1.02e+03	n/a
S96T002108		F Sulfur - ICP-Fusion	ug/g	94.80	<6.00e-02	<1.37e+03	<1.20e-03	n/a	n/a	100.2	2.04e+03	n/a
S96T002108		F Tantalum - ICP-Fusion	ug/g	102.81	<1.00e-01	<2.00e+03	<2.00e+03	n/a	n/a	101.2	1.02e+03	n/a
S96T002108		F Vanadium - ICP-Fusion	ug/g	101.21	<5.00e-02	<1.02e+03	<9.98e-02	n/a	n/a	103.4	2.04e+03	n/a
S96T002108		F Silicon - ICP-Fusion	ug/g	102.21	<1.00e-02	<1.02e+03	<2.00e+03	n/a	n/a	103.4	1.02e+03	n/a
S96T002108		F Strontium - ICP-Fusion	ug/g	102.01	<1.00e-02	<2.00e+03	<2.00e+03	n/a	n/a	103.2	2.04e+03	n/a
S96T002108		F Tellurium - ICP-Fusion	ug/g	100.21	<1.00e-02	<5.20e+02	<712.0	616.0	31.2	101.1	204.0	n/a
S96T002108		F Thallium - ICP-Fusion	ug/g	99.60	<2.00e-01	<4.08e+03	<2.00e+03	n/a	n/a	99.00	204.0	n/a
S96T002108		F Uranium - ICP-Fusion	ug/g	97.90	<5.00e-01	<4.08e+03	<3.99e-03	n/a	n/a	98.00	4.08e+03	n/a
S96T002108		F Vanadium - ICP-Fusion	ug/g	102.61	<5.00e-02	<1.02e+04	<1.18e+04	n/a	n/a	124.4	1.02e+04	n/a
S96T002108		F Zirconium - ICP-Fusion	ug/g	103.41	<1.00e-02	<2.00e+03	<9.98e-02	n/a	n/a	101.0	1.02e+03	n/a
S96T002108		F Zinc - ICP-Fusion	ug/g	100.21	<1.00e-02	<2.00e+03	<2.00e+03	n/a	n/a	101.0	204.0	n/a
S96T002108		F Zirconium - ICP-Fusion	ug/g	100.21	<1.00e-02	<2.00e+03	<2.00e+03	n/a	n/a	99.30	204.0	n/a
S96T002108		F Cobalt-60 by GEA	ug/g	101.1	<5.96e-01	<5.88e-01	<6.56e-01	n/a	n/a	5.88e-01	n/a	n/a
S96T002108		F Cesium-137 by GEA	ug/g	102.1	<1.160	90.60	76.90	83.75	16.4	n/a	3.33	n/a
S96T002108		F Europium-154 by GEA	ug/g	n/a	<9.98e-01	<1.747	<1.07e0	n/a	n/a	n/a	1.747	n/a
S96T002108		F Europium-155 by GEA	ug/g	n/a	<1.420	<2.283	<2.16e0	n/a	n/a	n/a	2.283	n/a
S96T002108		F Americium-241 by GEA	ug/g	112.5	<2.980	<5.32e0	<5.32e0	n/a	n/a	n/a	5.422	n/a
S96T002108		F Alpha of Digested Solid	ug/g	112.5	<3.54e-02	<4.96e-01	<5.80e-01	5.38e-01	15.6	n/a	5.00e-02	1.45E-01
S96T002117		A Silver - ICP-Acid Digest	ug/g	85.80	<1.00e-02	9.840	9.280	9.560	5.86	n/a	3.750	n/a
S96T002117		A Aluminum - ICP-Acid Digest	ug/g	88.20	<5.10e-02	<2.28e+04	<2.83e+04	2.56e+04	21.5	n/a	18.80	n/a

WHC-SD-WM-DP-185, REV. 0

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S96T002117	A	Arsenic - ICP-Acid Digest	ug/g	90.00	<1.00e-01	< 37.50	<3.70e1	n/a	n/a	n/a	37.50	n/a
S96T002117	A	Boron - ICP-Acid Digest	ug/g	95.40	4.62e-01	99.10	95.30	97.20	3.91	n/a	18.80	n/a
S96T002117	A	Barium - ICP-Acid Digest	ug/g	87.60	<5.00e-02	20.50	<1.85e1	n/a	n/a	n/a	18.80	n/a
S96T002117	A	Beryllium - ICP-Acid Digest	ug/g	99.80	<5.00e-03	< 1.880	<1.85e0	n/a	n/a	n/a	1.880	n/a
S96T002117	A	Bismuth - ICP-Acid Digest	ug/g	87.80	<1.00e-01	< 37.50	<3.70e1	n/a	n/a	n/a	37.50	n/a
S96T002117	A	Calcium - ICP-Acid Digest	ug/g	94.20	6.49e-01	3.51e+02	208.0	279.5	51.2	n/a	37.50	n/a
S96T002117	A	Caesium - ICP-Acid Digest	ug/g	86.20	<5.00e-03	< 1.880	<1.85e0	n/a	n/a	n/a	1.880	n/a
S96T002117	A	Cerium - ICP-Acid Digest	ug/g	92.40	<1.00e-01	< 37.50	<3.70e1	n/a	n/a	n/a	37.50	n/a
S96T002117	A	Cobalt - ICP-Acid Digest	ug/g	88.20	<2.00e-02	< 7.510	<7.40e0	n/a	n/a	n/a	7.510	n/a
S96T002117	A	Chromium - ICP-Acid Digest	ug/g	87.00	<1.00e-02	2.01e+03	2.02e+03	2.02e+03	0.50	n/a	3.750	n/a
S96T002117	A	Copper - ICP-Acid Digest	ug/g	87.80	1.70e-02	11.20	9.150	10.18	20.1	n/a	18.80	n/a
S96T002117	A	Iron - ICP-Acid Digest	ug/g	89.40	1.00e-01	9.30e+02	763.0	846.5	19.7	n/a	188.0	n/a
S96T002117	A	Potassium - ICP-Acid Digest	ug/g	90.40	<5.00e-02	5.24e+02	593.0	558.5	12.4	n/a	188.0	n/a
S96T002117	A	Lanthanum - ICP-Acid Digest	ug/g	89.60	<5.00e-02	< 18.80	<1.85e1	n/a	n/a	n/a	18.80	n/a
S96T002117	A	Lithium - ICP-Acid Digest	ug/g	91.00	<1.00e-02	< 3.750	<3.70e0	n/a	n/a	n/a	3.750	n/a
S96T002117	A	Magnesium - ICP-Acid Digest	ug/g	84.80	<1.00e-01	< 37.50	<3.70e1	n/a	n/a	n/a	37.50	n/a
S96T002117	A	Manganese - ICP-Acid Digest	ug/g	84.80	<1.00e-02	1.62e+03	1.26e+03	1.44e+03	25.0	n/a	3.750	n/a
S96T002117	A	Molybdenum - ICP-Acid Digest	ug/g	87.40	<5.00e-02	< 18.80	<1.85e1	n/a	n/a	n/a	18.80	n/a
S96T002117	A	Sodium - ICP-Acid Digest	ug/g	104.4	7.07e-01	1.16e+05	1.13e+05	1.14e+05	2.62	n/a	37.50	n/a
S96T002117	A	Neodymium - ICP-Acid Digest	ug/g	89.20	<1.00e-01	45.50	<3.70e1	n/a	n/a	n/a	37.50	n/a
S96T002117	A	Nickel - ICP-Acid Digest	ug/g	88.80	<2.00e-02	1.04e+02	81.60	92.80	24.1	n/a	7.510	n/a
S96T002117	A	Phosphorus - ICP-Acid Digest	ug/g	91.60	<2.00e-01	1.04e+02	95.40	99.70	8.63	n/a	75.10	n/a
S96T002117	A	Lead - ICP-Acid Digest	ug/g	83.80	<1.00e-01	< 37.50	<3.70e1	n/a	n/a	n/a	37.50	n/a
S96T002117	A	Sulfur - ICP-Acid Digest	ug/g	88.80	<6.00e-02	3.56e+02	362.0	359.0	1.67	n/a	37.50	n/a
S96T002117	A	Antimony - ICP-Acid Digest	ug/g	89.80	<1.00e-01	< 22.50	<2.22e1	n/a	n/a	n/a	22.50	n/a
S96T002117	A	Samarium - ICP-Acid Digest	ug/g	85.00	<1.00e-01	< 37.50	<3.70e1	n/a	n/a	n/a	37.50	n/a
S96T002117	A	Strontium - ICP-Acid Digest	ug/g	87.20	<1.00e-02	3.99e+02	254.0	326.5	44.4	n/a	3.750	n/a
S96T002117	A	Titanium - ICP-Acid Digest	ug/g	82.20	<1.00e-02	4.110	<3.70e0	n/a	n/a	n/a	3.750	n/a
S96T002117	A	Thallium - ICP-Acid Digest	ug/g	82.40	<2.00e-01	< 75.10	<7.40e1	n/a	n/a	n/a	75.10	n/a
S96T002117	A	Uranium - ICP-Acid Digest	ug/g	85.30	<5.00e-01	8.43e+03	5.84e+03	7.14e+03	36.3	n/a	188.0	n/a
S96T002117	A	Vanadium - ICP-Acid Digest	ug/g	86.40	<5.00e-02	< 18.80	<1.85e1	n/a	n/a	n/a	18.80	n/a
S96T002117	A	Zinc - ICP-Acid Digest	ug/g	85.00	4.10e-02	33.50	23.90	28.70	33.4	n/a	3.750	n/a
S96T002117	A	Zirconium - ICP-Acid Digest	ug/g	94.00	<1.00e-02	36.80	28.00	32.40	27.2	n/a	3.750	n/a
S96T002126	W	Fluoride-IC-Dioxex 40001/4500	ug/g	97.97	<1.30e-02	3.61e+02	<5.64e1	n/a	n/a	87.63	55.46	n/a
S96T002126	W	Chloride-IC-Dioxex 40001/4500	ug/g	94.81	<1.07e-01	2.50e+03	2.65e+03	2.57e+03	5.83	93.67	72.53	n/a
S96T002126	W	Nitrite-IC - Dioxex 40001/4500	ug/g	96.35	<1.07e-01	3.19e+04	3.27e+04	3.23e+04	2.48	107.7	456.5	n/a
S96T002126	W	Bromide by Ion Chromatograph	ug/g	98.09	<1.26e-01	<5.28e+02	<5.46e2	n/a	n/a	95.13	537.6	n/a
S96T002126	W	Nitrate by IC-Dioxex40001/4500	ug/g	101.8	<1.40e-01	1.48e+05	1.46e+05	1.47e+05	1.36	95.60	596.8	n/a
S96T002126	W	Phosphate-IC-Dioxex 40001/4500	ug/g	97.80	<1.19e-01	<5.07e+02	<5.15e2	n/a	n/a	98.35	507.4	n/a
S96T002126	W	Sulfate by IC-Dioxex40001/4500	ug/g	101.0	<1.36e-01	9.90e+02	1.40e+03	1.19e+03	34.3	99.05	579.8	n/a
S96T002126	W	Oxalate by IC - Dioxex 40001	ug/g	103.7	<1.05e-01	<4.48e+02	2.30e+03	n/a	n/a	109.9	447.9	n/a

Table 4. Data Summary Table

S-101

CORE NUMBER: 142
SEGMENT #: Core Composite

SEGMENT PORTION: Core Composite

Sample #	RA#	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rsc %	Det Limit	Count Err%
S961002727		Bulk Density of Sample	g/mL	n/a	n/a	1.590	n/a	n/a	n/a	n/a	5.00e-01	n/a
S961002728		Bulk Density of Sample	g/mL	n/a	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002728		DSC Exotherm DRY Calculated	Joules/g DRY	98.42	n/a	0.00e+00	0.00e+00	0.00e+00	0.00	n/a	n/a	n/a
S961002728		% Water by IGA Using Mettler	%	98.92	n/a	45.59	37.13	41.36	20.5	n/a	n/a	n/a
S961002728		TIC by Acto/Coulometry	ug/g	97.84	1.90	5.90e+03	6.01e+03	5.96e+03	1.85	97.40	5.000	n/a
S961002728		TIC by Acto/Coulometry	ug/g	92.33	10.90	3.10e+03	3.17e+03	3.14e+03	2.23	99.30	40.00	n/a
S961002728		TIC by Persulfate/Coulometry	ug/g	106.5	24.10	4.79e+03	4.78e+03	4.78e+03	0.21	96.13	1.840	3.26e+00
S961002731		Uranium by Phosphorescence	ug/g	102.5	8.70e-02	1.95e+02	210.0	202.5	7.41	n/a	1.50e-02	4.62e-01
S961002731		Strontium-89/90 High Level	ug/g	106.5	1.00e-01	<2.10e-02	<2.10e-02	<2.10e-02	n/a	90.20	204.0	n/a
S961002731		Silver - ICP-Fusion	ug/g	99.80	<1.00e-02	6.96e+04	7.38e+04	7.17e+04	5.86	105.4	1.02e+03	n/a
S961002731		Aluminum - ICP-Fusion	ug/g	103.2	<1.00e-01	<2.04e+03	<2.10e+3	n/a	n/a	103.4	2.04e+03	n/a
S961002731		Arsenic - ICP-Fusion	ug/g	100.2	<5.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	98.30	1.02e+03	n/a
S961002731		Boron - ICP-Fusion	ug/g	100.8	<5.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	97.10	1.02e+03	n/a
S961002731		Barium - ICP-Fusion	ug/g	103.4	<1.00e-01	<1.02e+03	<1.05e+3	n/a	n/a	100.5	102.0	n/a
S961002731		Beryllium - ICP-Fusion	ug/g	101.6	<1.00e-01	<1.02e+03	<1.05e+3	n/a	n/a	99.00	2.04e+03	n/a
S961002731		Bismuth - ICP-Fusion	ug/g	101.6	<1.00e-01	<1.02e+03	<1.05e+3	n/a	n/a	103.4	2.04e+03	n/a
S961002731		Calcium - ICP-Fusion	ug/g	100.6	<5.00e-03	<1.02e+03	<1.05e+3	n/a	n/a	99.30	102.0	n/a
S961002731		Cadmium - ICP-Fusion	ug/g	103.6	<1.00e-01	<1.02e+03	<1.05e+3	n/a	n/a	100.5	2.04e+03	n/a
S961002731		Cerium - ICP-Fusion	ug/g	101.2	<2.00e-02	<4.08e+03	<4.21e+3	n/a	n/a	99.80	408.0	n/a
S961002731		Chromium - ICP-Fusion	ug/g	101.6	<1.00e-02	7.05e+03	7.31e+03	7.18e+03	3.62	101.3	204.0	n/a
S961002731		Copper - ICP-Fusion	ug/g	104.2	<1.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	101.2	204.0	n/a
S961002731		Iron - ICP-Fusion	ug/g	101.4	<5.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	105.1	1.02e+03	n/a
S961002731		Lanthanum - ICP-Fusion	ug/g	101.4	<5.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	99.00	1.02e+03	n/a
S961002731		Lithium - ICP-Fusion	ug/g	101.4	<1.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	96.80	204.0	n/a
S961002731		Magnesium - ICP-Fusion	ug/g	97.40	<1.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	95.90	2.04e+03	n/a
S961002731		Manganese - ICP-Fusion	ug/g	98.80	<1.00e-02	1.34e+03	1.39e+03	1.36e+03	3.66	95.60	204.0	n/a
S961002731		Molybdenum - ICP-Fusion	ug/g	100.8	<5.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	100.5	1.02e+03	n/a
S961002731		Sodium - ICP-Fusion	ug/g	100.2	<2.200	2.09e+05	2.06e+05	2.08e+05	1.45	127.9	2.04e+03	n/a
S961002731		Neodymium - ICP-Fusion	ug/g	102.6	<1.00e-01	<2.04e+03	<2.10e+3	n/a	n/a	99.80	2.04e+03	n/a
S961002731		Nickel - ICP-Fusion	ug/g	100.0	<1.48e-01	<4.75e+03	<4.05e+3	4.40e+03	15.9	92.80	408.0	n/a
S961002731		Phosphorus - ICP-Fusion	ug/g	101.4	<2.00e-01	<4.08e+03	<4.21e+3	n/a	n/a	112.2	4.08e+03	n/a
S961002731		Lead - ICP-Fusion	ug/g	99.40	<1.00e-01	<2.04e+03	<2.10e+3	n/a	n/a	98.80	2.04e+03	n/a
S961002731		Sulfur - ICP-Fusion	ug/g	99.20	<1.00e-01	2.89e+03	2.97e+03	2.93e+03	2.73	100.2	2.04e+03	n/a
S961002731		Antimony - ICP-Fusion	ug/g	96.40	<5.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	97.10	1.22e+03	n/a
S961002731		Selenium - ICP-Fusion	ug/g	98.80	<1.00e-01	<2.04e+03	<2.10e+3	n/a	n/a	101.0	2.04e+03	n/a
S961002731		Silicon - ICP-Fusion	ug/g	96.40	<5.00e-02	1.03e+03	1.09e+03	2.91e+03	129	96.90	1.02e+03	n/a
S961002731		Samarium - ICP-Fusion	ug/g	99.00	<1.00e-01	<2.04e+03	<2.10e+3	n/a	n/a	96.10	2.04e+03	n/a
S961002731		Strontium - ICP-Fusion	ug/g	100.0	<1.00e-02	2.37e+02	232.0	232.0	0.00	96.90	204.0	n/a
S961002731		Titanium - ICP-Fusion	ug/g	98.00	<1.00e-02	<2.04e+03	<2.10e+3	n/a	n/a	96.10	204.0	n/a
S961002731		Tantalum - ICP-Fusion	ug/g	98.40	<2.00e-01	<4.08e+03	<4.21e+3	n/a	n/a	97.60	4.08e+03	n/a
S961002731		Thallium - ICP-Fusion	ug/g	98.40	<5.00e-01	<1.02e+04	<1.05e+4	n/a	n/a	99.90	1.02e+04	n/a
S961002731		Uranium - ICP-Fusion	ug/g	100.6	<5.00e-02	<1.02e+03	<1.05e+3	n/a	n/a	98.80	1.02e+03	n/a
S961002731		Vanadium - ICP-Fusion	ug/g	101.4	<1.00e-02	<2.04e+03	<2.10e+3	n/a	n/a	101.0	204.0	n/a
S961002731		Zinc - ICP-Fusion	ug/g	101.4	<1.00e-02	<2.04e+03	<2.10e+3	n/a	n/a	101.0	204.0	n/a

Sample#	RAP	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002731	F	Zirconium - ICP-Fusion	ug/g	99.40	<1.00e-02	<2.04e+02	<2.10e+02	n/a	n/a	97.10	3.20e-01	n/a
S961002731	F	Cobalt-60 by GEA	ug/g	102.1	<1.97e-02	33.19e-2	33.19e-2	n/a	n/a	n/a	3.20e-01	n/a
S961002731	F	Cesium-137 by GEA	ucf/g	98.78	<6.54e-02	1.49e+02	132.0	150.4	1.99	n/a	1.43e-01	0.560
S961002731	F	Europium-154 by GEA	ucf/g	n/a	<6.98e-02	<1.43e-01	<1.54e-01	n/a	n/a	n/a	1.43e-01	n/a
S961002731	F	Europium-155 by GEA	ucf/g	n/a	<5.54e-02	<4.47e-01	<4.57e-01	n/a	n/a	n/a	4.47e-01	n/a
S961002731	F	Americium-241 by GEA	ucf/g	n/a	<1.176e-01	<1.133	<1.1760	n/a	n/a	n/a	1.133	n/a
S961002731	F	Alpha of digested solid	ucf/g	110.9	<1.74e-02	2.81e-01	2.75e-01	2.78e-01	2.16	91.64	3.40e-02	2.32E-01
S961002731	F	Beta of solid sample	ucf/g	111.1	<1.76e-01	5.19e+02	517.0	516.0	0.39	97.39	1.35e-01	3.66E-01
S961002733	A	Aluminum - ICP-Acid Digest	ug/g	86.40	<1.00e-02	2.84e+04	<6.35e0	2.58e+04	19.7	80.90	6.760	n/a
S961002733	A	Silver - ICP-Acid Digest	ug/g	90.60	<1.00e-02	<6.70	<6.35e1	n/a	n/a	83.20	67.60	n/a
S961002733	A	Arsenic - ICP-Acid Digest	ug/g	106.8	<8.00e-02	71.30	45.70	58.50	43.8	93.04	33.80	n/a
S961002733	A	Barium - ICP-Acid Digest	ug/g	89.00	<5.00e-02	<3.80	<3.17e1	n/a	n/a	87.40	33.80	n/a
S961002733	A	Beryllium - ICP-Acid Digest	ug/g	96.80	<5.00e-03	<3.380	<3.17e1	n/a	n/a	84.40	3.380	n/a
S961002733	A	Bismuth - ICP-Acid Digest	ug/g	85.00	<1.00e-01	<6.70	<6.35e1	n/a	n/a	87.40	67.60	n/a
S961002733	A	Calcium - ICP-Acid Digest	ug/g	102.2	<5.23e-01	3.95e+02	443.0	427.0	15.9	93.02	67.60	n/a
S961002733	A	Cadmium - ICP-Acid Digest	ug/g	88.80	<5.00e-03	4.860	4.010	4.435	19.2	82.72	3.380	n/a
S961002733	A	Cerium - ICP-Acid Digest	ug/g	92.40	<1.00e-01	<6.70	<6.35e1	n/a	n/a	89.60	67.60	n/a
S961002733	A	Cobalt - ICP-Acid Digest	ug/g	93.60	<2.00e-02	13.50	<1.27e1	4.10e+03	9.52	87.00	13.50	n/a
S961002733	A	Chromium - ICP-Acid Digest	ug/g	90.40	<1.90e-02	4.29e+03	3.90e+03	4.10e+03	12.45	86.90	6.760	n/a
S961002733	A	Copper - ICP-Acid Digest	ug/g	87.60	<1.90e-02	13.40	11.50	12.45	15.3	84.90	6.760	n/a
S961002733	A	Iron - ICP-Acid Digest	ug/g	95.40	<8.10e-02	7.27e+02	655.0	691.0	10.4	81.02	33.80	n/a
S961002733	A	Potassium - ICP-Acid Digest	ug/g	96.40	<5.00e-01	1.00e+03	923.0	971.5	5.87	78.36	338.0	n/a
S961002733	A	Lanthanum - ICP-Acid Digest	ug/g	92.00	<5.00e-02	<3.80	<3.17e1	n/a	n/a	88.40	33.80	n/a
S961002733	A	Lithium - ICP-Acid Digest	ug/g	86.80	<1.00e-01	<6.70	<6.35e0	n/a	n/a	86.20	6.760	n/a
S961002733	A	Magnesium - ICP-Acid Digest	ug/g	86.80	<1.00e-01	<6.70	<6.35e1	n/a	n/a	86.20	6.760	n/a
S961002733	A	Manganese - ICP-Acid Digest	ug/g	91.00	<1.00e-02	1.34e+03	1.34e+03	1.25e+03	9.60	73.64	6.760	n/a
S961002733	A	Molybdenum - ICP-Acid Digest	ug/g	91.00	<5.00e-02	34.80	33.60	34.20	3.50	84.60	33.80	n/a
S961002733	A	Sodium - ICP-Acid Digest	ug/g	101.4	<3.12e-01	1.34e+03	1.23e+03	1.30e+03	10.8	82.72	67.60	n/a
S961002733	A	Sodium - ICP-Acid Digest	ug/g	96.00	<1.00e-01	<6.70	<6.35e1	n/a	n/a	86.20	67.60	n/a
S961002733	A	Nickel - ICP-Acid Digest	ug/g	91.40	<2.00e-02	87.20	81.40	85.30	9.14	85.10	13.50	n/a
S961002733	A	Phosphorus - ICP-Acid Digest	ug/g	90.80	<2.00e-01	2.06e+03	1.64e+03	1.85e+03	22.7	32.66	135.0	n/a
S961002733	A	Sulfur - ICP-Acid Digest	ug/g	86.00	<1.00e-01	<6.70	<6.35e1	n/a	n/a	85.40	67.60	n/a
S961002733	A	Antimony - ICP-Acid Digest	ug/g	86.40	<6.00e-02	<4.60	<3.91e1	2.80e+03	10.4	81.02	67.60	n/a
S961002733	A	Selenium - ICP-Acid Digest	ug/g	92.80	<1.00e-01	<6.70	<6.35e1	n/a	n/a	79.80	40.60	n/a
S961002733	A	Samarium - ICP-Acid Digest	ug/g	80.20	<1.00e-01	<6.70	<6.35e1	n/a	n/a	87.20	67.60	n/a
S961002733	A	Strontium - ICP-Acid Digest	ug/g	88.80	<1.00e-02	1.63e+02	145.0	154.0	11.7	84.06	6.760	n/a
S961002733	A	Titanium - ICP-Acid Digest	ug/g	90.40	<1.00e-02	<6.70	<6.35e0	n/a	n/a	85.80	6.760	n/a
S961002733	A	Thallium - ICP-Acid Digest	ug/g	86.40	<2.00e-01	<1.35e+02	<1.26e1	3.88e+03	9.10	81.40	135.0	n/a
S961002733	A	Uranium - ICP-Acid Digest	ug/g	87.00	<5.00e-01	4.23e+03	3.88e+03	4.06e+03	9.10	72.75	338.0	n/a
S961002733	A	Zinc - ICP-Acid Digest	ug/g	92.80	<5.00e-02	<3.80	<3.17e1	n/a	n/a	84.56	6.760	n/a
S961002733	A	Vanadium - ICP-Acid Digest	ug/g	92.40	<4.70e-02	18.80	15.70	17.25	18.0	87.56	6.760	n/a
S961002735	W	Zirconium - ICP-Acid Digest	ug/g	92.90	<1.00e-02	21.30	22.30	21.80	4.59	87.32	6.760	n/a
S961002735	W	Fluoride-IC-Dioxex 40001/4500	ug/g	94.07	<1.30e-02	1.38e+02	999.0	568.6	151	n/a	58.27	n/a
S961002735	W	Chloride-IC-Dioxex 40001/4500	ug/g	107.6	<1.07e-02	3.27e+03	3.74e+03	3.50e+03	13.4	n/a	76.21	n/a
S961002735	W	Nitrite-IC - Dioxex 40001/4500	ug/g	93.30	<1.07e-01	4.43e+04	5.15e+04	4.79e+04	15.0	n/a	479.6	n/a
S961002735	W	Bromide by Ion Chromatograph	ug/g	96.70	<1.26e-01	<5.65e+02	<5.20e2	n/a	n/a	n/a	564.9	n/a
S961002735	W	Nitrate by IC-Dioxex40001/4500	ug/g	97.39	<1.40e-01	1.14e+05	1.30e+05	1.22e+05	13.1	n/a	627.3	n/a
S961002735	W	Phosphate-IC-Dioxex 40001/4500	ug/g	95.24	<1.19e-01	5.75e+03	5.50e+03	5.62e+03	4.44	n/a	533.0	n/a

Sample#	R #	Analyte	Unit	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S961002735	1	Sulfate by IC-Dioxex40001/4500	ug/g	99.05	<1.36e-01	8.72e+03	9.43e+03	9.08e+03	7.71	n/a	609.2	n/a
S961002735	1	Oxalate by IC - Dioxex 40001	ug/g	98.02	<1.05e-01	6.32e+03	6.74e+03	6.53e+03	6.43	n/a	470.8	n/a
S961002735	1	Silver - ICP-H20 Dig/Acid	ug/g	98.90	<1.00e-02	5.480	5.04e01	5.480	77.60	n/a	5.480	n/a
S961002735	1	Aluminum - ICP-H20 Dig/Acid	ug/g	99.60	1.56e-01	1.36e+04	8.94e+03	1.13e+04	41.3	211.0	27.40	n/a
S961002735	1	Arsenic - ICP-H20 Dig/Acid	ug/g	102.4	<1.00e-01	54.80	5.04e1	5.480	104.4	n/a	54.80	n/a
S961002735	1	Boron - ICP-H20 Dig/Acid	ug/g	105.2	2.400	3.77e+02	356.0	366.5	5.73	106.0	27.40	n/a
S961002735	1	Barium - ICP-H20 Dig/Acid	ug/g	101.0	<5.00e-02	27.40	<2.52e1	n/a	103.6	103.6	27.40	n/a
S961002735	1	Beryllium - ICP-H20 Dig/Acid	ug/g	105.4	<5.00e-03	<2.740	<2.52e01	n/a	n/a	105.2	2.740	n/a
S961002735	1	Bismuth - ICP-H20 Dig/Acid	ug/g	100.8	<1.00e-01	54.80	5.04e1	n/a	n/a	101.2	2.740	n/a
S961002735	1	Calcium - ICP-H20 Dig/Acid	ug/g	104.0	<1.00e-01	54.80	5.04e1	n/a	n/a	113.2	54.80	n/a
S961002735	1	Cadmium - ICP-H20 Dig/Acid	ug/g	102.0	<5.00e-03	<2.740	<2.52e01	n/a	n/a	103.2	2.740	n/a
S961002735	1	Cerium - ICP-H20 Dig/Acid	ug/g	101.8	<1.00e-01	54.80	5.04e1	n/a	n/a	105.2	54.80	n/a
S961002735	1	Cobalt - ICP-H20 Dig/Acid	ug/g	101.8	<1.00e-01	11.00	<1.01e1	n/a	n/a	103.6	11.00	n/a
S961002735	1	Chromium - ICP-H20 Dig/Acid	ug/g	102.4	<1.00e-02	1.17e+03	1.14e+03	1.16e+03	2.60	105.9	5.480	n/a
S961002735	1	Copper - ICP-H20 Dig/Acid	ug/g	105.0	<5.00e-02	5.480	<2.52e1	n/a	n/a	105.6	5.480	n/a
S961002735	1	Iron - ICP-H20 Dig/Acid	ug/g	102.8	<5.00e-01	1.06e+03	1.05e+03	1.06e+03	0.95	106.4	27.40	n/a
S961002735	1	Potassium - ICP-H20 Dig/Acid	ug/g	104.2	<5.00e-02	<2.740	<2.52e1	n/a	n/a	106.8	27.40	n/a
S961002735	1	Lanthanum - ICP-H20 Dig/Acid	ug/g	101.0	<1.00e-02	5.480	5.04e01	n/a	n/a	98.40	5.480	n/a
S961002735	1	Lithium - ICP-H20 Dig/Acid	ug/g	99.60	<1.00e-01	54.80	5.04e1	n/a	n/a	100.8	54.80	n/a
S961002735	1	Magnesium - ICP-H20 Dig/Acid	ug/g	102.0	<1.00e-02	5.480	<2.52e1	n/a	n/a	103.2	5.480	n/a
S961002735	1	Manganese - ICP-H20 Dig/Acid	ug/g	100.4	<5.00e-02	34.80	<2.52e1	n/a	n/a	101.6	27.40	n/a
S961002735	1	Molybdenum - ICP-H20 Dig/Acid	ug/g	100.0	2.710	1.48e+05	1.52e+05	1.50e+05	2.67	1.34e+03	54.80	n/a
S961002735	1	Sodium - ICP-H20 Dig/Acid	ug/g	112.0	<1.00e-01	54.80	5.04e1	n/a	n/a	111.6	54.80	n/a
S961002735	1	Neodymium - ICP-H20 Dig/Acid	ug/g	102.0	<2.00e-02	11.00	<1.01e1	n/a	n/a	103.6	11.00	n/a
S961002735	1	Nickel - ICP-H20 Dig/Acid	ug/g	106.0	<2.00e-01	2.07e+03	2.21e+03	1.64e+03	52.4	125.6	110.0	n/a
S961002735	1	Phosphorus - ICP-H20 Dig/Acid	ug/g	103.2	<1.00e-01	54.80	5.04e1	n/a	n/a	102.8	54.80	n/a
S961002735	1	Sulfur - ICP-H20 Dig/Acid	ug/g	100.2	<1.00e-01	3.12e+03	2.61e+03	2.86e+03	17.8	122.3	54.80	n/a
S961002735	1	Antimony - ICP-H20 Dig/Acid	ug/g	95.80	<6.00e-02	32.90	<3.03e1	n/a	n/a	90.00	32.90	n/a
S961002735	1	Selenium - ICP-H20 Dig/Acid	ug/g	97.00	<1.00e-01	54.80	5.04e1	n/a	n/a	95.60	54.80	n/a
S961002735	1	Silicon - ICP-H20 Dig/Acid	ug/g	98.20	5.05e-01	1.70e+02	156.0	163.0	8.59	107.4	27.40	n/a
S961002735	1	Samarium - ICP-H20 Dig/Acid	ug/g	102.2	<1.00e-01	54.80	5.04e1	n/a	n/a	103.6	54.80	n/a
S961002735	1	Strontium - ICP-H20 Dig/Acid	ug/g	100.8	<1.00e-02	5.480	5.04e01	n/a	n/a	100.0	5.480	n/a
S961002735	1	Titanium - ICP-H20 Dig/Acid	ug/g	98.40	<1.00e-02	5.480	5.04e01	n/a	n/a	103.6	5.480	n/a
S961002735	1	Thallium - ICP-H20 Dig/Acid	ug/g	97.80	<2.00e-01	<1.10e+02	<1.01e2	n/a	n/a	100.4	110.0	n/a
S961002735	1	Uranium - ICP-H20 Dig/Acid	ug/g	99.10	<5.00e-01	<2.74e+02	<2.52e2	n/a	n/a	99.2	27.40	n/a
S961002735	1	Vanadium - ICP-H20 Dig/Acid	ug/g	102.8	<5.00e-02	27.40	<2.52e1	n/a	n/a	105.2	27.40	n/a
S961002735	1	Zinc - ICP-H20 Dig/Acid	ug/g	103.2	<1.00e-02	5.480	5.04e01	n/a	n/a	104.8	5.480	n/a
S961002735	1	Zirconium - ICP-H20 Dig/Acid	ug/g	100.6	<1.00e-02	5.480	5.04e01	n/a	n/a	102.4	5.480	n/a

WHC-SD-WM-DP-185, REV. 0

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WHC-SD-WM-DP-185, REV. 0

S-101 Core 137 Segment # 1 Riser 4

Date: March 18, 1996
Sample number: 96-117
Sampler serial #: 95-138
Cask serial #: 19-G
Logbook #: WHC-N-1327
Labcore #: S96T001391

Notes:

- * Hot Cell Temp 78.6 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 5 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids present.

Notes: Dose rate thru the drill string was 5 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 137 Segment # 2 Riser 4

Date: March 18, 1996
Sample number: 96-118
Sampler serial #: 94-429
Cask serial #: C-2009
Logbook #: WHC-N-1327
Labcore #: S96T001395

Notes:

- * Hot Cell Temp 78.7 degrees F. Humidity 25 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 3 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids were present.

Notes: Dose rate thru the drill string was 3 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 137 Segment # 3 Riser 4

Date: March 26, 1996
Sample number: 96-119
Sampler serial #: 94-327
Cask serial #: 24-G
Logbook #: WHC-N-1327
Labcore #: S96T001396

Notes:

- * Hot Cell Temp 78.9 degrees F. Humidity 20 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 150 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids present.

Notes: Dose rate thru the drill string was 150 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 137 Segment # 4 Riser 4

Date: March 26, 1996
Sample number: 96-120
Sampler serial #: 94-450
Cask serial #: C-2015
Logbook #: WHC-N-1327
Labcore #: S96T001397

Notes:

- * Hot Cell Temp 78.7 degrees F. Humidity 20 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 30 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids present.

Notes: Dose rate thru the drill string was 30 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 137 Segment # 5 Riser 4

Date: March 26, 1996
Sample number: 96-121
Sampler serial #: 94-039
Cask serial #: 61
Logbook #: WHC-N-1327
Labcore #: S96T001398

Notes:

- * Hot Cell Temp 78.9 degrees F. Humidity 20 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 400 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 2 inches of solids. The solids were black in color and the texture resembled a sludge. The solids were subsampled into one jar.

Subsample information :

- * Subsampled Solids: Upper Half Solids
S-101 Core 136 Segment # 5 Riser 4:
 - Jar # 9427 (125 mL jar size)
 - 53.8 gram net weight

Notes: A total of 53.8 grams of solids were collected. Dose rate thru the drill string was 400 mR/hr.

WHC-SD-WM-DP-185, REV. 0
S-101 Core 137 Segment # 6 Riser 4

Date: March 26, 1996
Sample number: 96-122
Sampler serial #: 94-341
Cask serial #: 1-G
Logbook #: WHC-N-1327
Labcore #: S96T001400

Notes:

- * Hot Cell Temp 78.8 degrees F. Humidity 20 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 20 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids present.

Notes: Dose rate thru the drill string was 20 mR/hr.

S-101 Core 137 Segment # 7 Riser 4

Date: March 26, 1996
Sample number: 96-123
Sampler serial #: 94-032
Cask serial #: C-1053
Logbook #: WHC-N-1327
Labcore #: S96T001402

Notes:

- * Hot Cell Temp 78.7 degrees F. Humidity 20 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 1 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 19 inches of solids. The solids were black in color and the texture resembled a sludge. The solids were subsampled into half segments.

Subsample information :

- * Subsampled Solids: Upper Half Solids
S-101 Core 136 Segment # 7 Riser 4:
 - Jar # 9414 (250 ml jar size)
 - 243.8 gram net weight
- * Subsampled Solids: Lower Half Solids
S-101 Core 136 Segment # 7 Riser 4:
 - Jar # 9413 (250 ml jar size)
 - 259.8 gram net weight

Notes: A total of 503.6 grams of solids were collected. Dose rate thru the drill string was 1 R/hr.

S-101 Core 137 Segment # 8 Riser 4

Date: March 26, 1996
Sample number: 96-124
Sampler serial #: 94-033
Cask serial #: C-2016
Logbook #: WHC-N-1327
Labcore #: S96T001403

Notes:

- * Hot Cell Temp 78.6 degrees F. Humidity 20 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 600 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 7.5 inches of solids. The solids were black in color and the texture resembled a sludge. The solids were subsampled into one jar.

Subsample information :

- * Subsampled Solids: Upper Half Solids
S-101 Core 136 Segment # 8 Riser 4:
 - Jar # 9418 (250 mL jar size)
 - 174.0 gram net weight

Notes: A total of 174.0 grams of solids were collected. Dose rate thru the drill string was 600 mR/hr.

S-101 Core 137 Segment # 9 Riser 4

Date: March 26, 1996
Sample number: 96-125
Sampler serial #: 94-419
Cask serial #: 2-G
Logbook #: WHC-N-1327
Labcore #: S96T001406

Notes:

- * Hot Cell Temp 78.7 degrees F. Humidity 20 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 500 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 17 inches of solids. The solids were black in color and the texture resembled a sludge. The solids were subsampled into half segments.

Subsample information :

- * Subsampled Solids: Upper Half Solids
S-101 Core 136 Segment # 9 Riser 4:
 - Jar # 9415 (250 mL jar size)
 - 229.7 gram net weight
- * Subsampled Solids: Lower Half Solids
S-101 Core 136 Segment # 9 Riser 4:
 - Jar # 9420 (250 mL jar size)
 - 190.5 gram net weight

Notes: A total of 420.2 grams of solids were collected. Dose rate thru the drill string was 500 mR/hr.

S-101 Core 138 Field Blank Riser 6

Date: April 23, 1996
Sample number: Field Blank
Sampler serial #: 95-061S
Cask serial #: C-2015
Logbook #: WHC-N-1327
Labcore #: S96T002127

Notes:

- * Hot Cell Temp 80.2 degrees F. Humidity 39 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was < 0.5 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * Collected approximately 125 mLs of drainable liquid. The liquid was clear and colorless. No solids were present. The liquid was subsampled into one jar.

Subsample information:

- * **Subsampled Liquids: Drainable Liquid**
S-101 Core 138 Field Blank Riser 6:
 - Jar # 9842 (250 mL jar size)
 - 115.6 gram net weight

Notes: A total of 115.6 grams of liquid was collected. Dose rate thru the drill string was < 0.5 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 138 Segment # 1 Riser 6

Date: April 01, 1996
Sample number: 96-126
Sampler serial #: 95-157
Cask serial #: 14-G
Logbook #: WHC-N-1327
Labcore #: S96T001649

Notes:

- * Hot Cell Temp 77.9 degrees F. Humidity 31 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 3 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids present.

Notes: Dose rate thru the drill string was 3 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 138 Segment # 2 Riser 6

Date: April 01, 1996
Sample number: 96-127
Sampler serial #: 95-166S
Cask serial #: C-2012
Logbook #: WHC-N-1327
Labcore #: S96T001650

Notes:

- * Hot Cell Temp 77.9 degrees F. Humidity 31 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 7 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids were present.

Notes: Dose rate thru the drill string was 7 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 138 Segment # 3 Riser 6

Date: April 06, 1996
Sample number: 96-128
Sampler serial #: 95-129S
Cask serial #: 57-G
Logbook #: WHC-N-1327
Labcore #: S96T001651

Notes:

- * Hot Cell Temp 77.8 degrees F. Humidity 32 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 80 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids present.

Notes: Dose rate thru the drill string was 80 mR/hr. The valve was open and the piston was showing when the sampler was taken out of the liner.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 138 Segment # 4 Riser 6

Date: April 01, 1996
Sample number: 96-129
Sampler serial #: 95-151S
Cask serial #: 19-G
Logbook #: WHC-N-1327
Labcore #: S96T001654

Notes:

- * Hot Cell Temp 77.9 degrees F. Humidity 37 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 40 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids present.

Notes: Dose rate thru the drill string was 40 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 138 Segment # 1R Riser 6

Date: April 01, 1996
Sample number: 96-126R
Sampler serial #: 95-117S
Cask serial #: C-2018
Logbook #: WHC-N-1327
Labcore #: S96T001652

Notes:

- * Hot Cell Temp 77.9 degrees F. Humidity 39 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 1.4 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * Collected approximately 240 mLs of drainable liquid. The liquid was green in color and opaque. No solids were present. The liquid was subsampled in one jar.

Subsample information :

- * Subsampled Liquid: Drainable Liquid
S-101 Core 138 Segment # 1R Riser 6:
 - Jar # 9473 (250 mL jar size)
 - 330.8 gram net weight

Notes: A total of 330.8 grams of liquid were collected. Dose rate thru the drill string was 1.4 R/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 138 Segment # 2R Riser 6

Date: April 01, 1996
Sample number: 96-127R
Sampler serial #: 95-100S
Cask serial #: C-1042
Logbook #: WHC-N-1327
Labcore #: S96T001653

Notes:

- * Hot Cell Temp 77.9 degrees F. Humidity 31 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 20 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids present.

Notes: Dose rate thru the drill string was 20 mR/hr.

S-101 Core 138 Segment # 3R Riser 6

Date: April 16, 1996
Sample number: 96-128R
Sampler serial #: 95-059S
Cask serial #: C-1030
Logbook #: WHC-N-1327
Labcore #: S96T001881

Notes:

- * Hot Cell Temp 79.7 degrees F. Humidity 36 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.03 grams
- * Dose rate through the drill string was 1.2 R/hr.
- * Liner liquid: < 5 mLs, did not retain.
- * Performed extrusion and photography.

Sample information:

- * Collected approximately 70 mLs of drainable liquid. The liquid was dark gray in color and opaque. No solids were present other than in drainable liquid. The liquid was subsampled in one jar.

Subsample information :

- * Subsampled Liquid: Drainable Liquid
S-101 Core 138 Segment # 3R Riser 6:
 - Jar # 9493 (250 mL jar size)
 - 97.9 gram net weight

Notes: A total of 97.9 grams of liquid were collected. Dose rate thru the drill string was 1.2 R/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 138 Segment # 3AR Riser 6

Date: April 16, 1996
Sample number: 96-128AR
Sampler serial #: 95-131S
Cask serial #: 67
Logbook #: WHC-N-1327
Labcore #: S96T001882

Notes:

- * Hot Cell Temp 79.9 degrees F. Humidity 36 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 250 mR/hr.
- * Liner liquid: < 5 mLs, did not retain.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately < 0.25 inches of solids. The solids were dark gray in color and the texture was a sludge. The solids were subsampled in one jar.

Subsample information :

- * Subsampled Solids: Whole Segment
S-101 Core 138 Segment # 3AR Riser 6:
 - Vial # 9755 (20 mL vial size)
 - 8.2 gram net weight

Notes: A total of 8.2 grams of solids were collected. Dose rate thru the drill string was 250 mR/hr.

WHC-SD-WM-DP-185, REV. 0

S-101 Core 138 Segment # 4R Riser 6

Date: April 16, 1996
Sample number: 96-129R
Sampler serial #: 95-154S
Cask serial #: 1009
Logbook #: WHC-N-1327
Labcore #: S96T001883

Notes:

- * Hot Cell Temp 79.9 degrees F. Humidity 36 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.03 grams
- * Dose rate through the drill string was 5 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid or solids were present.

Notes: Dose rate thru the drill string was 5 mR/hr.

S-101 Core 138 Segment # 5 Riser 6

Date: April 03, 1996
 Sample number: 96-130
 Sampler serial #: 95-152S
 Cask serial #: C-1016
 Logbook #: WHC-N-1327
 Labcore #: S96T001702

Notes:

- * Hot Cell Temp 78.4 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.01 grams 500 gms = 500.02 grams
- * Dose rate through the drill string was 1.3 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 18 inches of solids. The solids were dark brown in color and the texture resembled a sludge. The solids were subsampled in half segments.

Subsample information :

- * Subsampled Solids: Upper Half Solids
S-101 Core 138 Segment # 5 Riser 6:
 - Jar # 9476 (250 mL jar size)
 - 212.4 gram net weight
- * Subsampled Solids: Lower Half Solids
S-101 Core 138 Segment # 5 Riser 6:
 - Jar # 9482 (250 mL jar size)
 - 222.0 gram net weight

Notes: A total of 434.4 grams of solids were collected. Dose rate thru the drill string was 1.3 R/hr.

S-101 Core 138 Segment # 2R1 Riser 6

Date: April 08, 1996
 Sample number: 96-127R1
 Sampler serial #: 95-139S
 Cask serial #: C-1023
 Logbook #: WHC-N-1327
 Labcore #: S96T001701

Notes:

- * Hot Cell Temp 80.7 degrees F. Humidity 38 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 1.6 R/hr.
- * Liner liquid: < 5 mLs, did not retain.
- * Performed extrusion and photography.

Sample information:

- * Collected approximately 250 mLs of drainable liquid. The liquid was dark green in color and opaque. Extruded an unmeasurable length of solids. The solids were dark gray in color and the texture was a very liquidy sludge. The solids were subsampled in one jar.

Subsampled information:

- * Subsampled Solids: Lower Half Solids
S-101 C138 Segment # 2R1 Riser 6:
 - Jar # 9429 (125 mL jar size)
 - 33.2 gram net weight
- * Subsampled Liquid: Drainable Liquid
S-101 C138 Segment # 2R1 Riser 6:
 - Jar # 9483 (250 mL jar size)
 - 354.0 gram net weight

Notes: A total of 387.2 grams of liquid and solids were collected. Dose rate thru the drill string was 1.6 R/hr.

S-101 Core 138 Segment # 6 Riser 6

Date: April 15, 1996
 Sample number: 96-131
 Sampler serial #: 95-050S
 Cask serial #: C-1019
 Logbook #: WHC-N-1327
 Labcore #: S96T001822

Notes:

- * Hot Cell Temp 80.4 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.03 grams
- * Dose rate through the drill string was 1.2 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 17 inches of solids. The solids were dark gray in color and the texture was a very damp sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Solids: Lower Half Solids
S-101 C138 Segment # 6 Riser 6:
 - Jar # 9489 (250 mL jar size)
 - 209.9 gram net weight
- * Subsampled Solid: Upper Half Solids
S-101 C138 Segment # 6 Riser 6:
 - Jar # 9497 (250 mL jar size)
 - 220.3 gram net weight

Notes: A total of 430.2 grams of solids were collected. Dose rate thru the drill string was 1.2 R/hr.

S-101 Core 138 Segment # 7 Riser 6

Date: April 23, 1996
Sample number: 96-132
Sampler serial #: 95-147S
Cask serial #: C-1039
Logbook #: WHC-N-1327
Labcore #: S96T001823

Notes:

- * Hot Cell Temp 80.5 degrees F. Humidity 35 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 1 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 18 inches of solids. The solids were dark brown to black in color and the texture resembled a sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Solids: Lower Half Solids
S-101 C138 Segment # 7 Riser 6:
 - Jar # 9505 (250 mL jar size)
 - 116.7 gram net weight
- * Subsampled Solid: Upper Half Solids
S-101 C138 Segment # 7 Riser 6:
 - Jar # 9517 (250 mL jar size)
 - 83.9 gram net weight

Notes: A total of 200.6 grams of solids were collected. Dose rate thru the drill string was 1 R/hr.

S-101 Core 138 Segment # 8 Riser 6

Date: April 16, 1996
Sample number: 96-133
Sampler serial #: 95-083S
Cask serial #: C-1051
Logbook #: WHC-N-1327
Labcore #: S96T001824

Notes:

- * Hot Cell Temp 79.9 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 800 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 16 inches of solids. The solids were dark gray in color and the texture was a damp sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Solids: Lower Half Solids
S-101 C138 Segment # 8 Riser 6:
 - Jar # 9496 (250 mL jar size)
 - 180.3 gram net weight
- * Subsampled Solid: Upper Half Solids
S-101 C138 Segment # 8 Riser 6:
 - Jar # 9495 (250 mL jar size)
 - 184.9 gram net weight

Notes: A total of 365.2 grams of solids were collected. Dose rate thru the drill string was 800 mR/hr.

S-101 Core 138 Segment # 9 Riser 6

Date: April 23, 1996
 Sample number: 96-134
 Sampler serial #: 95-047S
 Cask serial #: 71
 Logbook #: WHC-N-1327
 Labcore #: S96T002039

Notes:

- * Hot Cell Temp 80.8 degrees F. Humidity 36 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 500 mR/hr.
- * Liner liquid: Collected approximately 40 mLs.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 12 inches of solids. The solids were dark gray to dark brown in color and the texture resembled a sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Liquids: Liner Liquid
S-101 C138 Segment # 9 Riser 6:
 - Jar # 9448 (125 mL jar size)
 - 61.0 gram net weight
- * Subsampled Solid: Upper Half Solids
S-101 C138 Segment # 9 Riser 6:
 - Jar # 9504 (250 mL jar size)
 - 185.6 gram net weight
- * Subsampled Solid: Lower Half Solids
S-101 C138 Segment # 9 Riser 6:
 - Jar # 9467 (125 mL jar size)
 - 132.8 gram net weight

Notes: A total of 379.4 grams of liquid and solids were collected. Dose rate thru the drill string was 500 mR/hr.

S-101 Core 142 Segment # 1 Riser 11

Date: April 16, 1996
 Sample number: 96-174
 Sampler serial #: 95-323S
 Cask serial #: C-2012
 Logbook #: WHC-N-1327
 Labcore #: S96T001918

Notes:

- * Hot Cell Temp 79.9 degrees F. Humidity 33 %.
- * Check weights: 20 gms = 20.01 grams 500 gms = 500.04 grams
- * Dose rate through the drill string was 1.4 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 13 inches of solids. The solids were dark gray in color and the texture was a wet sludge. The solids were subsampled in one jar.

Subsampled information:

- * Subsampled Solids: Upper Half Solids
S-101 Core 142 Segment # 1 Riser 11:
 - Jar # 9494 (250 mL jar size)
 - 352.8 gram net weight

Notes: A total of 352.8 grams of solids were collected. Dose rate thru the drill string was 1.4 R/hr.

S-101 Core 142 Segment # 2 Riser 11

Date: April 29, 1996
 Sample number: 96-175
 Sampler serial #: 95-325S
 Cask serial #: C-2018
 Logbook #: WHC-N-1327
 Labcore #: S96T002205

Notes:

- * Hot Cell Temp 77.9 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 19.99 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 1.4 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 19 inches of solids. The solids were gray/black in color and the texture resembled a wet sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Solids: Upper Half Solids
S-101 Core 142 Segment # 2 Riser 11:
 - Jar # 9515 (250 mL jar size)
 - 194.0 gram net weight
- * Subsampled Solids: Lower Half Solids
S-101 Core 142 Segment # 2 Riser 11:
 - Jar # 9835 (250 mL jar size)
 - 195.7 gram net weight

Notes: A total of 389.7 grams of solids were collected. Dose rate thru the drill string was 1.4 R/hr.

S-101 Core 142 Segment # 3 Riser 11

Date: April 29, 1996
Sample number: 96-176
Sampler serial #: 95-317S
Cask serial #: 57
Logbook #: WHC-N-1327
Labcore #: S96T002206

Notes:

- * Hot Cell Temp 77.9 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.01 grams
- * Dose rate through the drill string was 1.3 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 19 inches of solids. The solids were grayish black in color and the texture resembled a wet sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Solids: Upper Half Solids
S-101 Core 142 Segment # 3 Riser 11:
 - Jar # 9466 (125 mL jar size)
 - 192.5 gram net weight
- * Subsampled Solids: Lower Half Solids
S-101 Core 142 Segment # 3 Riser 11:
 - Jar # 9850 (125 mL jar size)
 - 193.8 gram net weight

Notes: A total of 386.3 grams of solids were collected. Dose rate thru the drill string was 1.3 R/hr.

S-101 Core 142 Segment # 4 Riser 11

Date: April 17, 1996
 Sample number: 96-177
 Sampler serial #: 95-3125
 Cask serial #: C-2014
 Logbook #: WHC-N-1327
 Labcore #: S96T001828

Notes:

- * Hot Cell Temp 79.9 degrees F. Humidity 25 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 1.2 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 17 inches of solids. The solids were dark grayish black in color and the texture was a damp sludge. The solids were subsampled in half segments.

Subsampled information:

- * **Subsampled Solids: Upper Half Solids**
S-101 Core 142 Segment # 4 Riser 11:
 - Jar # 9503 (250 mL jar size)
 - 205.1 gram net weight
- * **Subsampled Solids: Lower Half Solids**
S-101 Core 142 Segment # 4 Riser 11:
 - Jar # 9508 (250 mL jar size)
 - 234.7 gram net weight

Notes: A total of 439.8 grams of solids were collected. Dose rate thru the drill string was 1.2 R/hr.

S-101 Core 142 Segment # 5 Riser 11

Date: April 17, 1996
 Sample number: 96-178
 Sampler serial #: 95-103S
 Cask serial #: 5-G
 Logbook #: WHC-N-1327
 Labcore #: S96T001829

Notes:

- * Hot Cell Temp 79.9 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.00 grams 500 gms = 500.00 grams
- * Dose rate through the drill string was 1 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 19 inches of solids. The solids were dark grayish black in color and the texture was a damp sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Solids: Upper Half Solids
S-101 Core 142 Segment # 5 Riser 11:
 - Jar # 9502 (250 mL jar size)
 - 249.4 gram net weight
- * Subsampled Solids: Lower Half Solids
S-101 Core 142 Segment # 5 Riser 11:
 - Jar # 9511 (250 mL jar size)
 - 231.9 gram net weight

Notes: A total of 481.3 grams of solids were collected. Dose rate thru the drill string was 1 R/hr.

S-101 Core 142 Segment # 6 Riser 11

Date: April 17, 1996
 Sample number: 96-179
 Sampler serial #: 95-324S
 Cask serial #: C-1053
 Logbook #: WHC-N-1327
 Labcore #: S96T001919

Notes:

- * Hot Cell Temp 79.8 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.01 grams 500 gms = 500.04 grams
- * Dose rate through the drill string was 1 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 19 inches of solids. The solids were black in color and the texture was a damp sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Solids: Upper Half Solids
S-101 Core 142 Segment # 6 Riser 11:
 - Jar # 9512 (250 mL jar size)
 - 274.7 gram net weight
- * Subsampled Solids: Lower Half Solids
S-101 Core 142 Segment # 6 Riser 11:
 - Jar # 9513 (250 mL jar size)
 - 227.0 gram net weight

Notes: A total of 501.7 grams of solids were collected. Dose rate through the drill string was 1 R/hr.

S-101 Core 142 Segment # 7 Riser 11

Date: April 17, 1996
 Sample number: 96-180
 Sampler serial #: 95-101S
 Cask serial #: C-2017
 Logbook #: WHC-N-1327
 Labcore #: S96T001920

Notes:

- * Hot Cell Temp 79.8 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.01 grams 500 gms = 500.04 grams
- * Dose rate through the drill string was 1 R/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 19 inches of solids. The solids were black in color and the texture was a damp sludge. The solids were subsampled in half segments.

Subsampled information:

- * Subsampled Solids: Upper Half Solids
S-101 Core 142 Segment # 7 Riser 11:
 - Jar # 9507 (250 mL jar size)
 - 250.2 gram net weight
- * Subsampled Solids: Lower Half Solids
S-101 Core 142 Segment # 7 Riser 11:
 - Jar # 9509 (250 mL jar size)
 - 271.4 gram net weight

Notes: A total of 521.6 grams of solids were collected. Dose rate thru the drill string was 1 R/hr.

WHC-SU-WM-DP-185, REV. 0
S-101 Core 142 Segment # 8 Riser 11

Date: April 17, 1996
Sample number: 96-181
Sampler serial #: 95-306S
Cask serial #: 23-G
Logbook #: WHC-N-1327
Labcore #: S96T001921

Notes:

- * Hot Cell Temp 79.8 degrees F. Humidity 28 %.
- * Check weights: 20 gms = 20.01 grams 500 gms = 500.04 grams
- * Dose rate through the drill string was 450 mR/hr.
- * Liner liquid: None observed.
- * Performed extrusion and photography.

Sample information:

- * No drainable liquid. Extruded approximately 13 inches of solids. The solids were dark gray in color and the texture was a damp sludge. The solids were subsampled in half segments.

Subsampled information:

- * **Subsampled Solids: Upper Half Solids**
S-101 Core 142 Segment # 8 Riser 11:
 - Jar # 9501 (250 mL jar size)
 - 223.1 gram net weight
- * **Subsampled Solids: Lower Half Solids**
S-101 Core 142 Segment # 8 Riser 11:
 - Jar # 9471 (125 mL jar size)
 - 133.8 gram net weight

Notes: A total of 356.9 grams of solids were collected. Dose rate thru the drill string was 450 mR/hr.

WMC-SD-WM-OP-185, REV. 0

CHAIN OF CUSTODY FORMS

WHC-SD-WM-DP-185, REV. 0

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Shipment Number

WHC-SD-WM-DF-185, REV. 0

GOPY

34) Laboratory Comments

Field Comments

153

INFORMATION (Include statement of laboratory tests to be performed.)

8) Seal Intact Upon Release?	(31) Seal Intact Upon Receipt?
------------------------------	--------------------------------

(32) Seal Data Consistent with this Record?

Shipment No.

Cask Seal No.

Sample No.

DISTRIBUTION: White - Office of Sample Management

Yellow - Recipient of Sample

Pink - Core Sampling. 56-85

Goldenrod - Tank Farm Operations, S4-43

BC-6000-309 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 200W-08-TF

2) Sample Number 96-118

(3) Supervisor Dawn Johnson

3) Tank 5 101

(5) Riser 4

(6) Segment 2

(7) Core 137

(8) Cask Serial Number S 2009

1) Field

(9) FIELD

(33) LABORATORY

(10) Shipment Description

Over Top Dose Rate

4.5 mR/hr

4.5 mR/hr

A. Work Package Number W5-95-00277

Side Dose Rate

4.5 mR/hr

4.5 mR/hr

B. Cask Seal Number 1573

Bottom Dose Rate

4.5 mR/hr

4.5 mR/hr

C. Sampler Serial Number 94-429

Smearable Contamination

420

420

D. Date and Time Sampler Unseated 3-12-96 1008

(Alpha)

41000

(Beta-Gamma)

E. Expected Liquid Content 1090

(Beta-Gamma)

1090

(Beta-Gamma)

F. Expected Solid Content 9090

(HPT)

3ma/hr

G. Dose Rate Through Drill String 19"

(Signature)

19"

(Signature)

H. Expected Sample Length

1) INFORMATION (Include statement of laboratory tests to be performed.)

154

2) Field Comments

(34) Laboratory Comments

COPY

1) Point of Origin <u>101</u>	14) Destination <u>2225</u>	15) Sender Name (Sign and PRINT) <u>James Sickle</u>	16) Date/Time <u>3-13-96</u>	17) Sender Comments
2) Relinquished By (Sign and PRINT) <u>James Sickle</u>	20) Received By (Sign and PRINT) <u>James Sickle</u>	21) Date/Time <u>3-13-96</u>	22) Receiver Comments	
3) Relinquished By (Sign and PRINT) <u>James Sickle</u>	24) Received By (Sign and PRINT) <u>James Sickle</u>	25) Date/Time <u>3-13-96</u>	26) Receiver Comments	
4) Relinquished By (Sign and PRINT) <u>James Sickle</u>	28) Received By (Sign and PRINT) <u>James Sickle</u>	29) Date/Time <u>3-13-96</u>	30) Receiver Comments	
18) Seal Intact Upon Release? ☒ Yes ☐ No		32) Seal Date Consistent with this Record? ☒ Yes ☐ No		
31) Seal Intact Upon Receipt? ☒ Yes ☐ No		33) Seal Date ☒ Yes ☐ No		

TRIBUTATION: White - Office of Sample Management

Yellow - Recipient of Sample

Pink - Core Sampling, S6-85

Goldendred - Tank Farm Operations, S4-43

BC-6000-308 (02/84)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number 20W-08-TF

Tank 5 101 (5) Riser 4

(2) Sample Number 96-119

(3) Supervisor Dave Zolman

(8) Segment 3 (7) Core 137 (8) Cask Serial Number 24-6

Field Survey Data:

Over Top Dose Rate 10.5 MR/hr
 Side Dose Rate 2 MR/hr
 Bottom Dose Rate 8 MR/hr
 Measurable Contamination 220
21K

(33) LABORATORY

A. Work Package Number 0.5 MR/hr
 B. Cask Seal Number 3.2 MR/hr
 C. Sampler Serial Number 8 MR/hr
 D. Date and Time Sampler Unseated 220
 E. Expected Liquid Content 1000
 F. Expected Solid Content (Alpha)
 G. Dose Rate Through Drill String (Beta-Gamma)
 H. Expected Sample Length (Signature)

(10) Shipment Description

A. Work Package Number WS-95-00277
 B. Cask Seal Number 1597
 C. Sampler Serial Number 94-327
 D. Date and Time Sampler Unseated 3-12-96
 E. Expected Liquid Content 1070
 F. Expected Solid Content 9090
 G. Dose Rate Through Drill String 150 MR/hr
 H. Expected Sample Length 19"

INFORMATION (include statement of laboratory tests to be performed.)

155

Field Comments

waste on bottom of sampler

(34) Laboratory Comments

COPY

Point of Origin <u>20W-08-TF</u>	(14) Destination <u>2225</u>	(15) Sender Name (Signed and PRINTED) <u>James Sickels</u>	(16) Date/Time <u>3-13-96</u>	(17) Sender Comments
Relinquished By (Sign and PRINT) <u>James Sickels</u>	(20) Received By (Sign and PRINT) <u>D. Hensley</u>	(21) Date/Time <u>3-13-96</u>	(22) Receiver Comments	
Relinquished By (Sign and PRINT) <u>D. Hensley</u>	(25) Received By (Sign and PRINT) <u>James Sickels</u>	(26) Date/Time <u>3-13-96</u>	(27) Receiver Comments	
Relinquished By (Sign and PRINT)	(28) Received By (Sign and PRINT)	(29) Date/Time	(30) Receiver Comments	
(31) Seal Intact Upon Receipt? ☒ Yes ☐ No			(32) Seal Date Consistent with this Record? ☒ Yes ☐ No	
Shipment No. ☒ Yes ☐ No		Cask Seal No. ☒ Yes ☐ No		

DISTRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S-6-95 Goldenrod - Tank Farm Operations, S-4-43
 BC-6000-309 (02/84)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 26, 1996 10:25AM WNC 222S LAB ROOM 2F BACKSIDE No. 2410 P. 12/15

Shipment Number 200V-08-TF

Tank 5 101 (2) Sample Number 96-120 (3) Supervisor Dan Lapierre

(4) Riser 4 (5) Segment 4 (6) Core 137 (7) Cask Serial Number 5-066-040

Shipment Survey Data:

Over Top Dose Rate 40.5 mR/hr (9) FIELD (10) LABORATORY

Side Dose Rate 40.5 mR/hr (11) Shipment Description

Bottom Dose Rate 1 mR/hr A. Work Package Number W5-95-00277

Measurable Contamination 420 B. Cask Seal Number 1578

(Alpha) 420 C. Sampler Serial Number 94-0394503-1

(Beta-Gamma) 4100 D. Date and Time Sampler Unseated 3-12-96 1422

(Signature) Rebecca Holland E. Expected Liquid Content 1090

(HPT) ACT: 1090 F. Expected Solid Content 9096

(Signature) Rebecca Holland G. Dose Rate Through Drill String 30 mR/hr

(Signature) Rebecca Holland H. Expected Sample Length 12"

(Signature) Rebecca Holland

(Signature) Rebecca Holland

INFORMATION (Include statement of laboratory tests to be performed.)

156

WNC-SD-WM-OP-185, REV. C

COPY

(34) Laboratory Comments

Field Comments
waste on bottom of sampler

Point of Origin <u>101</u>	(14) Destination <u>222</u>	(15) Sender Name (Sign and PRINT) <u>James Sickels</u>	(16) Date/Time <u>3-12-96</u>	(17) Sender Comments
Relinquished By (Sign and PRINT) <u>James Sickels</u>	(20) Received By (Sign and PRINT) <u>David J. Keane</u>	(21) Date/Time <u>3-12-96</u>	(22) Receiver Comments	
Relinquished By (Sign and PRINT) <u>David J. Keane</u>	(24) Received By (Sign and PRINT) <u>David J. Keane</u>	(25) Date/Time <u>3-12-96</u>	(26) Receiver Comments	
Relinquished By (Sign and PRINT) <u>David J. Keane</u>	(28) Received By (Sign and PRINT) <u>David J. Keane</u>	(29) Date/Time <u>3-12-96</u>	(30) Receiver Comments	
(31) Seal Intact Upon Receipt? ☒ Yes ☐ No		(32) Seal Date Consistent with this Record? ☒ Yes ☐ No		
Shipment No. ☒ Yes ☐ No		Cask Seal No. ☒ Yes ☐ No		

!IBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-85 Goldenrod - Tank Farm Operations, S4-43

BC-6000-309 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 26, 1996 10:25 AM WEC 222S LA3 ROOM 27 BACKSIDE No. 2410 P. 13/15

Shipment Number 200W-08-1F (2) Sample Number 96-121 (3) Supervisor HARTLEY (8) Cask Serial Number 61

Tank S-101 (5) Riser 4 (6) Segment 5 (7) Core 137

LABORATORY

(9) FIELD (10) Shipment Description

Over Top Dose Rate 40.5 me/hr A. Work Package Number WS-95-00277/0

Side Dose Rate 13 me/hr B. Cask Seal Number 11452

Bottom Dose Rate 8 me/hr C. Sampler Serial Number 94-039

Smearable Contamination 220 (Alpha) D. Date and Time Sampler Unseated 3/13/96 0109

1100 (Alpha) E. Expected Liquid Content 30%

(Beta-Gamma) F. Expected Solid Content 70%

RCT* John Holland RCT* Joe Valley Jr G. Dose Rate Through Drill String 400 mBq

(HPT) (Signature) (Signature) H. Expected Sample Length 19 in

1) INFORMATION (Include statement of laboratory tests to be performed.)

157

WEC-SD-WM-OP-185, REV. 0

Field Comments (34) Laboratory Comments

COPY

(1) Point of Origin	(14) Destination	(15) Sender Name (Sign and PRINT)	(16) Date/Time	(17) Sender Comments
<u>S-101</u>	<u>222-S</u>	<u>HELENE P. KATZ</u>	<u>3-14-96 0955</u>	
(2) Relinquished By (Sign and PRINT)	(20) Received By (Sign and PRINT)	(21) Date/Time	(22) Receiver Comments	
<u>HELENE P. KATZ</u>	<u>David J. Kearns</u>	<u>3/14/96 0955</u>		
(3) Relinquished By (Sign and PRINT)	(23) Received By (Sign and PRINT)	(24) Date/Time	(25) Receiver Comments	
<u>David J. Kearns</u>	<u>Raymond A. Hite</u>	<u>3/14/96 1120</u>		
(4) Relinquished By (Sign and PRINT)	(26) Received By (Sign and PRINT)	(27) Date/Time	(28) Receiver Comments	

18) Seal Intact Upon Release? (31) Seal Intact Upon Receipt? (32) Seal Date Consistent with this Record?

Yes ☒ No ☐ Yes ☒ No ☐ Yes ☒ No ☐

Shipment No. Cask Seal No. Sample No.

Yes ☒ No ☐ Yes ☒ No ☐ Yes ☒ No ☐

TRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-95 Goldencod - Tank Farm Operations, S4-43

BC-6000-309 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number 2000-047F (2) Sample Number 96-123 (3) Supervisor HARTLEY
 Tank 3-101 (5) Riser 4 (6) Segment 7 (7) Core 137 (8) Cask Serial Number C1053

(9) FIELD		(33) LABORATORY		(10) Shipment Description	
Over Top Dose Rate	<u>10.5 me/hr</u>	Work Package Number	<u>WS/95-00277/0</u>		
Side Dose Rate	<u>17 me/hr</u>	Cask Seal Number	<u>11497</u>		
Bottom Dose Rate	<u>10 me/hr</u>	Sampler Serial Number	<u>74-032</u>		
Smearable Contamination	<u>220</u>	Date and Time Sampler Unseated	<u>3/13/96 CHAS</u>		
	(Alpha)	Expected Liquid Content	<u>2070</u>		
	<u>41000</u>	Expected Solid Content	<u>8070</u>		
	(Beta-Gamma)	Dose Rate Through Drift String	<u>1.8/hr</u>		
		Expected Sample Length	<u>19"</u>		

INFORMATION (Include statement of laboratory tests to be performed.)

159

(34) Laboratory Comments		WHC-SD-WM-DF-185, REV. 0	
(31) Seal Intact Upon Receipt?		(32) Seal Data Consistent with this Record?	
Yes ☒ No ☐	Shipment No. Yes ☒ No ☐	Cask Seal No. Yes ☒ No ☐	Sample No. Yes ☒ No ☐
DISTRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-85 Goldenrod - Tank Farm Operations, S4-43		BC-6000-303 (02/84)	

(1) Point of Origin	(14) Destination	(15) Sampling Name (Sign and PRINT)	(16) Date/Time	(17) Sender Comments
<u>361</u>	<u>222-S</u>	<u>David J. Keane</u>	<u>09/25/96</u>	
Relinquished By (Sign and PRINT)	Received By (Sign and PRINT)	Received By (Sign and PRINT)	(21) Date/Time	(22) Receiver Comments
<u>David J. Keane</u>	<u>David J. Keane</u>	<u>David J. Keane</u>	<u>09/25</u>	
Relinquished By (Sign and PRINT)	Received By (Sign and PRINT)	Received By (Sign and PRINT)	(25) Date/Time	(26) Receiver Comments
<u>David J. Keane</u>	<u>David J. Keane</u>	<u>David J. Keane</u>	<u>3/14/96</u>	
Relinquished By (Sign and PRINT)	Received By (Sign and PRINT)	Received By (Sign and PRINT)	(29) Date/Time	(30) Receiver Comments
<u>David J. Keane</u>	<u>David J. Keane</u>	<u>David J. Keane</u>	<u>3/14/96</u>	

COPY

LARGE BLACK PROTRUSION FROM HEAD OF SAMPLER (W/1.5"). S.C.U.D.C.E

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number 200W-08-TP (2) Sample Number 96-124 (3) Supervisor HARTLEY

Tank 5-101 (5) Riser 4 (6) Segment 8 (7) Core 133 (8) Cask Serial Number C2016

(9) FIELD		(10) SHIPMENT DESCRIPTION	
Distribution Survey Data:		A. Work Package Number	<u>WS-95-00277/D</u>
Over Top Dose Rate	<u>20.5 mcp/hr</u>	B. Cask Seal Number	<u>11402</u>
Side Dose Rate	<u>13 mcp/hr</u>	C. Sampler Serial Number	<u>94-033</u>
Bottom Dose Rate	<u>13 mcp/hr</u>	D. Date and Time Sampler Unseated	<u>3/13/96 0543</u>
Measurable Contamination	<u>220</u>	E. Expected Liquid Content	<u>102</u>
	<u>21100</u>	F. Expected Solid Content	<u>2072</u>
	(Alpha)	G. Dose Rate Through Drill String	<u>600 mR/hr</u>
	(Beta-Gamma)	H. Expected Sample Length	<u>19"</u>
	(Signature)		

INFORMATION (Include statement of laboratory tests to be performed.)

160

WHC-SD-WM-DP-185, REV. 0

(11) Field Comments		(12) Laboratory Comments		
<p>HANDLING PROTRUSION FROM HEAD OF SAMPLER (21") BLACK SLUDGE</p>		<p>COPY</p>		
(1) Point of Origin	(14) Destination	(15) Sender Name (Sign and PRINT)	(16) Date/Time	(17) Sender Comments
2-101	222-S	John P. J. Penzula Jr. D. Hartley	3-14-96/1020	
Relinquished By (Sign and PRINT)		Relinquished By (Sign and PRINT)	(21) Date/Time	(22) Receiver Comments
John P. J. Penzula Jr.		John P. J. Penzula Jr. D. Hartley	3-14-96	
Relinquished By (Sign and PRINT)		Relinquished By (Sign and PRINT)	(25) Date/Time	(26) Receiver Comments
John P. J. Penzula Jr.		John P. J. Penzula Jr. D. Hartley	3-14-96	
Relinquished By (Sign and PRINT)		Relinquished By (Sign and PRINT)	(29) Date/Time	(30) Receiver Comments

18) Seal Intact Upon Release? ☒ Yes ☐ No (31) Seal Intact Upon Receipt? ☒ Yes ☐ No (32) Seal Date Consistent with this Record? ☒ Yes ☐ No

TRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-95 Goldenrod - Tank Farm Operations, S4-43 BC-8000-309 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number: 200 W-08-IF (2) Sample Number: 96-125 (3) Supervisor: James J. Paul
 Tank: 5-101 (5) Riser: 4 (6) Segment: 9 (7) Core: 137 (8) Cask Serial Number: 1579-2-6
3/15/96

(9) FIELD		(33) LABORATORY		(10) Shipment Description	
Over Top Dose Rate	<u>46.5 MC/hr</u>		<u>LO.5 MC/hr</u>	A. Work Package Number	<u>46.5-95-002277</u>
Side Dose Rate	<u>17 MC/hr</u>		<u>15 MC/hr</u>	B. Cask Seal Number	<u>1579</u>
Bottom Dose Rate	<u>12 MC/hr</u>		<u>12 MC/hr</u>	C. Sampler Serial Number	<u>94-419</u>
Smearable Contamination	<u>220</u>		<u>220</u>	D. Date and Time Sampler Unseated	<u>3-13-96 01100</u>
		(Alpha)		E. Expected Liquid Content	<u>1098</u>
	<u>41000</u>		<u>L/K</u>	F. Expected Solid Content	<u>9090</u>
		(Beta-Gamma)		G. Dose Rate Through Drill String	<u>500 MC/hr</u>
RCT (HPT)	<u>James Holland</u>	RCT* (HPT)	<u>Joe Buckley Jr.</u>	H. Expected Sample Length	<u>17"</u>
	(Signature)		(Signature)		

1) INFORMATION (include statement of laboratory tests to be performed.)

161

WHC-SD-WM-OP-185, REV. 0

(1) Field Comments		(34) Laboratory Comments		(17) Sender Comments	
<p>sample dirty on Bottom</p>		<p>COPY</p>		(18) Date/Time	3-14-96/1020
				(21) Date/Time	3-14-96/1025
				(25) Date/Time	3-14-96
				(29) Date/Time	3-14-96
<p>(15) Sender Name (Sign and PRINT)</p> <p><u>John J. Paul</u></p>		<p>(16) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(17) Sender Comments</p>	
<p>(20) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(21) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(22) Receiver Comments</p>	
<p>(23) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(24) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(25) Receiver Comments</p>	
<p>(26) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(27) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(28) Receiver Comments</p>	
<p>(29) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(30) Received By (Sign and PRINT)</p> <p><u>J. Hensley</u></p>		<p>(31) Receiver Comments</p>	
<p>(18) Seal Intact Upon Release?</p> <p>☒ Yes ☐ No</p>		<p>(31) Seal Intact Upon Receipt?</p> <p>☒ Yes ☐ No</p>		<p>(32) Seal Date Consistent with this Record?</p> <p>☒ Yes ☐ No</p>	
<p>(19) Shipment No.</p> <p>☒ Yes ☐ No</p>		<p>(34) Shipment No.</p> <p>☒ Yes ☐ No</p>		<p>(35) Sample No.</p> <p>☒ Yes ☐ No</p>	

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 25, 1996 10:13AM WHC 222S LAB ROOM 27 BACKSIDE No. 2409 P. 27/28

1) Shipment Number 200W-08-TF (2) Sample Number BLANK H2O (3) Supervisor MIC. Jones

1) Tank 5-101 (5) Riser 6 (6) Segment Blank (7) Core 138 (8) Cask Serial Number C-2015

1) Shipment Date: (9) FIELD (10) SHIPMENT DESCRIPTION

Over Top Dose Rate	<u><0.5 mR/hr</u>	A. Work Package Number	<u>WS-95-00277</u>
Slide Dose Rate	<u><0.5 mR/hr</u>	B. Cask Seal Number	<u>10428</u>
Bottom Dose Rate	<u><0.5 mR/hr</u>	C. Sampler Serial Number	<u>95-0615</u>
Smearable Contamination	<u><20 mR/hr 4000</u>	D. Date and Time Sampler Unseated	<u>3/26/96 0910</u>
	(Alpha)	E. Expected Liquid Content	<u>100%</u>
	<u><1K</u>	F. Expected Solid Content	<u>0%</u>
	(Beta-Gamma)	G. Dose Rate Through Drill String	<u><1.5 MR/HR</u>
	<u>1K</u>	H. Expected Sample Length	<u>19"</u>

RCT* (HPT) [Signature] RCT* (HPT) [Signature]

1) INFORMATION (Include statement of laboratory tests to be performed.)

162

WHC-SD-WM-DP-185, REV. 0

COPY

2) Field Comments (34) Laboratory Comments

3) Point of Origin	(14) Destination	(15) Sender Name (Sign and PRINT)	(16) Date/Time	(17) Sender Comments
<u>5-101</u>	<u>222-S</u>	<u>[Signature] for M. Jones</u>	<u>4-18-96 12:5</u>	
3) Relinquished By (Sign and PRINT)	(20) Received By (Sign and PRINT)	(21) Date/Time	(22) Receiver Comments	
<u>[Signature] R. J. Parzikh</u>	<u>[Signature]</u>	<u>4-18-96 12:36</u>		
3) Relinquished By (Sign and PRINT)	(24) Received By (Sign and PRINT)	(25) Date/Time	(26) Receiver Comments	
<u>[Signature]</u>	<u>[Signature] David C. Duhon</u>	<u>4-18-96 14:32</u>	<u>DD 4-18-96</u>	
3) Relinquished By (Sign and PRINT)	(28) Received By (Sign and PRINT)	(29) Date/Time	(30) Receiver Comments	

(18) Seal Intact Upon Release? ☒ Yes ☐ No (31) Seal Intact Upon Receipt? ☐ Yes ☐ No

(32) Seal Data Consistent with this Record? ☐ Yes ☐ No

Shipment No. ☐ Yes ☐ No Cask Seal No. ☐ Yes ☐ No

Sample No. ☐ Yes ☐ No

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 2001WDX-TP (2) Sample Number 96-77226 (3) Supervisor M.C. Jones

1) Tank 5-101 (5) Riser 6 (6) Segment 1 (7) Core 138 (8) Cask Serial Number SV-14-G

1) Radiation Survey Date: (9) FIELD (13) LABORATORY

Over Top Dose Rate 4.5 mR/hr 10.5 mR/hr

Side Dose Rate 4.5 mR/hr 10.5 mR/hr

Bottom Dose Rate 4.5 mR/hr 10.5 mR/hr

Smearable Contamination 220 dpm/100cm² 20 dpm/100cm² (Alpha)

21K dpm/100cm² 11K dpm/100cm² (Beta-Gamma)

ACT* (HPT) R. H. Hensley (Signature) RCT* (HPT) C. B. G. (Signature)

(10) Shipment Description

A. Work Package Number WS-95-00277

B. Cask Seal Number 3236

C. Sampler Serial Number 95-157

D. Date and Time Sampler Unseated 3/18/96/1334

E. Expected Liquid Content 90%

F. Expected Solid Content 10%

G. Dose Rate Through Drill String 3 mR/hr

H. Expected Sample Length 8"

1) INFORMATION (Include statement of laboratory tests to be performed.)

163

2) Field Comments

X-RAY showed sampler may be empty

(34) Laboratory Comments

COPY

185, REV. 0

3) Point of Origin <u>SD-1</u>	(14) Destination <u>2225</u>	(15) Sender Name (Sign and PRINT) <u>Ellen R.J. Pazurik for M.C. Jones</u>	(16) Date/Time <u>3-27-96/1000</u>	(17) Sender Comments
9) Relinquished By (Sign and PRINT) <u>Ellen R.J. Pazurik</u>	(20) Received By (Sign and PRINT) <u>Ellen R.J. Pazurik</u>	(21) Date/Time <u>3-27-96/1000</u>	(22) Receiver Comments	
3) Relinquished By (Sign and PRINT) <u>Ellen R.J. Pazurik</u>	(24) Received By (Sign and PRINT) <u>Ellen R.J. Pazurik</u>	(25) Date/Time <u>3-28-96/0900</u>	(26) Receiver Comments	
9) Relinquished By (Sign and PRINT) <u>Ellen R.J. Pazurik</u>	(28) Received By (Sign and PRINT) <u>Ellen R.J. Pazurik</u>	(29) Date/Time <u>3-28-96/1000</u>	(30) Receiver Comments	
(18) Seal Intact Upon Release?	(31) Seal Intact Upon Receipt?	(32) Seal Date Consistent with this Record?		
☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No		
Shipment No. ☒ Yes ☐ No			Sample No. ☐ Yes ☐ No	

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 200W-08-TF (2) Sample Number 96-126 R (3) Supervisor M.C. Jones
 1) Tank S-101 (5) Riser 6 (6) Segment 1 R (7) Core 138 (8) Cask Serial Number 52018

110) Shipment Description
 A. Work Package Number US-95-00277
 B. Cask Seal Number 10426
 C. Sampler Serial Number 95-1175
 D. Date and Time Sampler Unsealed 3/22/96/1027
 E. Expected Liquid Content 100%
 F. Expected Solid Content 0%
 G. Dose Rate Through Drill String 1.4 R/HR
 H. Expected Sample Length 8"

WHC-SD-WM-DR-185. REV. 0

1) INFORMATION (Include statement of laboratory tests to be performed.)

164

2) Field Comments

X-Ray showed there was 13" in the sample.

(34) Laboratory Comments

COPY

3) Point of Origin <u>Setel</u>	114) Destination <u>222-S</u>	115) Sender Name (Sign and PRINT) <u>David J Keane for MC Jones</u>	116) Date/Time <u>5/27-96/1010</u>	117) Sender Comments
118) Relinquished By (Sign and PRINT) <u>David J Keane</u>	120) Received By (Sign and PRINT) <u>David J Keane</u>	121) Date/Time <u>5/27/96 10:15</u>	122) Receiver Comments	
119) Relinquished By (Sign and PRINT) <u>David J Keane</u>	124) Received By (Sign and PRINT) <u>David J Keane</u>	125) Date/Time <u>5/27/96 10:15</u>	126) Receiver Comments	
121) Relinquished By (Sign and PRINT)	128) Received By (Sign and PRINT)	129) Date/Time	130) Receiver Comments	

(31) Seal Intact Upon Receipt? ☒ Yes ☐ No

(32) Seal Date Consistent with this Record? ☐ Yes ☐ No

Shipment No. ☒ Yes ☐ No

Cask Seal No. ☐ Yes ☐ No

Sample No. ☐ Yes ☐ No

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 2000-06-TF (2) Sample Number 96-127 (3) Supervisor Dave J. Jones
 1) Tank 5101 (5) Riser 6 (6) Segment 2 (7) Core 138 (8) Cask Serial Number 52012

(9) FIELD (33) LABORATORY
 Radiation Survey Date: 1.5 mR/hr 10.5 mR/hr A. Work Package Number WS-95-00277
 Over Top Dose Rate 1.5 mR/hr 10.5 mR/hr B. Cask Seal Number 4488 10461
 Side Dose Rate 1.5 mR/hr 10.5 mR/hr C. Sampler Serial Number 95-1665
 Bottom Dose Rate 1.5 mR/hr 10.5 mR/hr D. Date and Time Sampler Unseated 3-18-96 2119
 Smearable Contamination 1.5 mR/hr 10.5 mR/hr E. Expected Liquid Content 90% 90
1.5 mR/hr 10.5 mR/hr F. Expected Solid Content 90% 90
1.5 mR/hr 10.5 mR/hr G. Dose Rate Through Drill String 7 mR/hr
1.5 mR/hr 10.5 mR/hr H. Expected Sample Length 19"

1) INFORMATION (Include statement of laboratory tests to be performed.)

165

2) Field Comments

(34) Laboratory Comments

COPY

1) Point of Origin 501 (14) Destination 2225 (15) Sender Name (Sign and PRINT) Charles Penzink for D. L. Price (16) Date/Time 3-27-96/000 (17) Sender Comments
 1) Received By (Sign and PRINT) Charles Penzink (20) Received By (Sign and PRINT) J. L. Hensley (21) Date/Time 3-27-96/000 (22) Receiver Comments
 1) Released By (Sign and PRINT) J. L. Hensley (23) Released By (Sign and PRINT) J. L. Hensley (24) Date/Time 3-27-96/000 (25) Receiver Comments
 1) Received By (Sign and PRINT) J. L. Hensley (26) Received By (Sign and PRINT) J. L. Hensley (27) Date/Time 3-27-96/000 (28) Receiver Comments
 1) Received By (Sign and PRINT) J. L. Hensley (29) Received By (Sign and PRINT) J. L. Hensley (30) Receiver Comments
 1) Received By (Sign and PRINT) J. L. Hensley (31) Received By (Sign and PRINT) J. L. Hensley (32) Received By (Sign and PRINT) J. L. Hensley

(18) Seal Intact Upon Release? ☒ Yes ☐ No (31) Seal Intact Upon Receipt? ☒ Yes ☐ No (32) Seal Date Consistent with this Record? ☒ Yes ☐ No
 Cask Seal No. ☒ Yes ☐ No Shipment No. ☒ Yes ☐ No Sample No. ☒ Yes ☐ No

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number 2004-08-11

(2) Sample Number 96-127 R

(3) Supervisor Daniel J. Kearney

Tank 5-101 (5) Riser 6 (6) Segment 2 R (7) Core 138 (8) Cask Serial Number 51042

Field Survey Date:

(9) FIELD

(33) LABORATORY

(10) Shipment Description

Over Top Dose Rate

4.5 mR/hr

4.5 mR/hr

A. Work Package Number

45-95-00277

Side Dose Rate

4.5 mR/hr

4.5 mR/hr

B. Cask Seal Number

11428

Bottom Dose Rate

4.5 mR/hr

4.5 mR/hr

C. Sampler Serial Number

95-100.5

Smearable Contamination

220 dpm/100cm²

220 dpm

D. Date and Time Sampler Unseated

3-22-96 1346

Expected Liquid Content

10%

E. Expected Solid Content

90%

RCT* (HPT)

1/10000

4K dpm

F. Expected Drill String

20 m/hr

RCT* (HPT)

1/10000

4K dpm

G. Dose Rate Through Drill String

194

H. Expected Sample Length

194

1) INFORMATION (Include statement of laboratory tests to be performed.)

166

WHC-SD-WM-DP-185, REV. 0

2) Field Comments

(34) Laboratory Comments

X-Rayed sampler - showed zero Recovery

COPY

1) Point of Origin

(14) Destination

(15) Sender Name (Sign and PRINT)

(20) Received By (Sign and PRINT)

(21) Date/Time

(17) Sender Comments

(22) Receiver Comments

2) Relinquished By (Sign and PRINT)

(24) Relinquished By (Sign and PRINT)

(25) Date/Time

(26) Receiver Comments

(30) Receiver Comments

(32) Seal Date Consistent with this Record?

(33) Seal Date Consistent with this Record?

(34) Seal Date Consistent with this Record?

3) Relinquished By (Sign and PRINT)

(24) Relinquished By (Sign and PRINT)

(25) Date/Time

(26) Receiver Comments

(30) Receiver Comments

(32) Seal Date Consistent with this Record?

(33) Seal Date Consistent with this Record?

(34) Seal Date Consistent with this Record?

4) Relinquished By (Sign and PRINT)

(24) Relinquished By (Sign and PRINT)

(25) Date/Time

(26) Receiver Comments

(30) Receiver Comments

(32) Seal Date Consistent with this Record?

(33) Seal Date Consistent with this Record?

(34) Seal Date Consistent with this Record?

(18) Seal Intact Upon Release?

(31) Seal Intact Upon Receipt?

(32) Seal Date Consistent with this Record?

(33) Seal Date Consistent with this Record?

(34) Seal Date Consistent with this Record?

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 26, 1996 10:19 AM WED 2225 LAB 0004 OF 2004-1-13

1) Shipment Number 200W-OK-TE (2) Sample Number 96-127-R-1 (3) Supervisor Dan Johnson (4) Cask Serial Number 138
 1) Tank 5101 (5) Riser 6 (6) Segment 2-R-1 (7) Core 138

(9) FIELD		(33) LABORATORY		(10) Shipment Description	
Initiation Survey Date:				A. Work Package Number	<u>WS-95-277</u>
Over Top Dose Rate	<u><0.5 mS/hr</u>			B. Cask Seal Number	<u>1554</u>
Side Dose Rate	<u>30 mS/hr</u>			C. Sampler Serial Number	<u>95-1395</u>
Bottom Dose Rate	<u>10 mS/hr</u>			D. Date and Time Sampler Unseated	<u>3-25-96 0226</u>
Smearable Contamination	<u><20</u>			E. Expected Liquid Content	<u>10%</u>
	<u><1K</u>			F. Expected Solid Content	<u>90%</u>
				G. Dose Rate Through Drill String	<u>1.6 R/hr</u>
				H. Expected Sample Length	<u>19"</u>

1) INFORMATION (include statement of laboratory tests to be performed.)

167

2) Field Comments
X-RAYED sampler
add 1 cup lithium bromide

COPY

(34) Laboratory Comments		(32) Seal Date Consistent with this Record?	
3) Point of Origin	14) Destination	15) Sender Name (Sign and PRINT)	16) Date/Time
5101	2225	<u>Edw J. J. Pazurik Jr. D. LaRocca</u>	<u>4-29-96</u>
3) Relinquished By (Sign and PRINT)	20) Received By (Sign and PRINT)	21) Date/Time	22) Receiver Comments
<u>Edw J. J. Pazurik Jr.</u>	<u>Edw J. J. Pazurik Jr.</u>	<u>4-29-96</u>	
3) Relinquished By (Sign and PRINT)	24) Received By (Sign and PRINT)	25) Date/Time	26) Receiver Comments
<u>Edw J. J. Pazurik Jr.</u>	<u>Edw J. J. Pazurik Jr.</u>	<u>4-29-96</u>	
3) Relinquished By (Sign and PRINT)	28) Received By (Sign and PRINT)	29) Date/Time	30) Receiver Comments

(18) Seal Intact Upon Release?		(31) Seal Intact Upon Receipt?		(32) Seal Date Consistent with this Record?	
☒ Yes	☐ No	☒ Yes	☐ No	☒ Yes	☐ No

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 26, 1996

1) Shipment Number

200K08-15

(2) Sample Number

96-42 128

(3) Supervisor

M.C. Jones

1) Tank

5-101

(5) Riser

6

(6) Segment

3

(7) Core

138

(8) Cask Serial Number

5X-57

radiation Survey Data:

Over Top Dose Rate

4.5 mR/hr

Side Dose Rate

4.5 mR/hr

Bottom Dose Rate

2 mR/hr

Smearable Contamination

200 dpm/100cm²

(Alpha)

2100 dpm/100cm²

(Alpha)

4100 dpm/100cm²

(Beta-Gamma)

1100 dpm/100cm²

ACT* (HPT)

(Signature)

ACT* (HPT)

(Signature)

(33) LABORATORY

10.5 mR/hr

10.5 mR/hr

2.5 mR/hr

200 dpm/100cm²

2100 dpm/100cm²

4100 dpm/100cm²

1100 dpm/100cm²

1100 dpm/100cm²

(10) Shipment Description

A. Work Package Number

WS-96-00277

B. Cask Seal Number

10412

C. Sampler Serial Number

95-1295

D. Date and Time Sampler Unseated

3/19/96 0159

E. Expected Liquid Content

10%

F. Expected Solid Content

91%

G. Dose Rate Through Drill String

90 MR/hr

H. Expected Sample Length

17"

1) INFORMATION (include statement of laboratory tests to be performed.)

168

WHC-SD-WM-DP-185. REV. C

2) Field Comments

X-RAY showed sampler was empty.

(34) Laboratory Comments

COPY

3) Point of Origin

22-5-01

(14) Destination

22-5

of Requisitioned By (Sign and PRINT)

John R. I. Kuznetsov

(15) Sender Name (Sign and PRINT)

John R. I. Kuznetsov, M. Jones

3) Requisitioned By (Sign and PRINT)

John R. I. Kuznetsov

(20) Received By (Sign and PRINT)

John R. I. Kuznetsov, J.L. HENSELEY

3) Requisitioned By (Sign and PRINT)

John R. I. Kuznetsov

(24) Received By (Sign and PRINT)

John R. I. Kuznetsov, J.L. HENSELEY

3) Requisitioned By (Sign and PRINT)

John R. I. Kuznetsov

(28) Received By (Sign and PRINT)

John R. I. Kuznetsov, J.L. HENSELEY

3) Requisitioned By (Sign and PRINT)

John R. I. Kuznetsov

(31) Seal Intact Upon Receipt?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

Yes

(32) Seal Data Consistent with this Record?

Yes

(17) Sender Comments

3-27-96/1000

(21) Date/Time

3-27-96/1000

(22) Receiver Comments

3-28-96/1000

(25) Date/Time

3-28-96/1000

(26) Receiver Comments

3-28-96/1000

(29) Date/Time

3-28-96/1000

(30) Receiver Comments

3-28-96/1000

(33) Seal Data Consistent with this Record?

Yes

(18) Seal Intact Upon Release?

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number 200W-08-TF (2) Sample Number 96-128-A (3) Supervisor Danew J. Parris
 Tank 5101 (5) Riser 6 (6) Segment 3R (7) Core 138 (8) Cask Serial Number C 1030

(9) FIELD		(33) LABORATORY		(10) SHIPMENT DESCRIPTION	
Distribution Survey Date:				A. Work Package Number	<u>WS-95-277</u>
Over Top Dose Rate	<u>10.5</u>		<u>10.5</u>	B. Cask Seal Number	<u>1581</u>
Side Dose Rate	<u>10.5</u>		<u>10.5</u>	C. Sampler Serial Number	<u>95-0595</u>
Bottom Dose Rate	<u>20</u>		<u>20</u>	D. Date and Time Sampler Unseated	<u>3-25-96 4:20 PM</u>
Smearable Contamination	<u>120</u>	(Alpha)	<u>120</u>	E. Expected Liquid Content	<u>10.70</u>
	<u>11000</u>	(Beta-Gamma)	<u>11000</u>	F. Expected Solid Content	<u>90.70</u>
RCT* (HPT)	<u>None</u>	(Signature)	<u>None</u>	G. Dose Rate Through Drill String	<u>1.2R/hr</u>
RCT* (HPT)	<u>None</u>	(Signature)	<u>None</u>	H. Expected Sample Length	<u>9 1/2 in</u>

1) Field Comments
X-Rayed sampler added 1-cup lithium bromide

2) Laboratory Comments
6

3) Field Comments
5101 (14) Destination 2225 (15) Sender Name (Sign and PRINT) Blank J. Parris for D. L. Parris
 (16) Date/Time 4/9/96/1010
 (17) Sender Comments
Relinquished By (Sign and PRINT) [Signature] R. J. Parris (21) Date/Time 4/9/96 (22) Receiver Comments
Relinquished By (Sign and PRINT) [Signature] R. J. Parris (25) Date/Time 4/9/96 (26) Receiver Comments
Relinquished By (Sign and PRINT) [Signature] R. J. Parris (29) Date/Time 4/9/96 (30) Receiver Comments

4) Field Comments
5101 (31) Seal Intact Upon Receipt? ☒ Yes ☐ No (32) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (33) Seal Intact Upon Receipt? ☒ Yes ☐ No (34) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (35) Seal Intact Upon Receipt? ☒ Yes ☐ No (36) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (37) Seal Intact Upon Receipt? ☒ Yes ☐ No (38) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (39) Seal Intact Upon Receipt? ☒ Yes ☐ No (40) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (41) Seal Intact Upon Receipt? ☒ Yes ☐ No (42) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (43) Seal Intact Upon Receipt? ☒ Yes ☐ No (44) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (45) Seal Intact Upon Receipt? ☒ Yes ☐ No (46) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (47) Seal Intact Upon Receipt? ☒ Yes ☐ No (48) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (49) Seal Intact Upon Receipt? ☒ Yes ☐ No (50) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (51) Seal Intact Upon Receipt? ☒ Yes ☐ No (52) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (53) Seal Intact Upon Receipt? ☒ Yes ☐ No (54) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (55) Seal Intact Upon Receipt? ☒ Yes ☐ No (56) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (57) Seal Intact Upon Receipt? ☒ Yes ☐ No (58) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (59) Seal Intact Upon Receipt? ☒ Yes ☐ No (60) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (61) Seal Intact Upon Receipt? ☒ Yes ☐ No (62) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (63) Seal Intact Upon Receipt? ☒ Yes ☐ No (64) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (65) Seal Intact Upon Receipt? ☒ Yes ☐ No (66) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (67) Seal Intact Upon Receipt? ☒ Yes ☐ No (68) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (69) Seal Intact Upon Receipt? ☒ Yes ☐ No (70) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (71) Seal Intact Upon Receipt? ☒ Yes ☐ No (72) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (73) Seal Intact Upon Receipt? ☒ Yes ☐ No (74) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (75) Seal Intact Upon Receipt? ☒ Yes ☐ No (76) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (77) Seal Intact Upon Receipt? ☒ Yes ☐ No (78) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (79) Seal Intact Upon Receipt? ☒ Yes ☐ No (80) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (81) Seal Intact Upon Receipt? ☒ Yes ☐ No (82) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (83) Seal Intact Upon Receipt? ☒ Yes ☐ No (84) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (85) Seal Intact Upon Receipt? ☒ Yes ☐ No (86) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (87) Seal Intact Upon Receipt? ☒ Yes ☐ No (88) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (89) Seal Intact Upon Receipt? ☒ Yes ☐ No (90) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (91) Seal Intact Upon Receipt? ☒ Yes ☐ No (92) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (93) Seal Intact Upon Receipt? ☒ Yes ☐ No (94) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (95) Seal Intact Upon Receipt? ☒ Yes ☐ No (96) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (97) Seal Intact Upon Receipt? ☒ Yes ☐ No (98) Seal Data Consistent with this Record? ☒ Yes ☐ No
 (99) Seal Intact Upon Receipt? ☒ Yes ☐ No (100) Seal Data Consistent with this Record? ☒ Yes ☐ No

COPY

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 200W-06-17 (2) Sample Number 96-128-AR (3) Supervisor Davey D. Parnell
 1) Tank 5101 (5) Riser 6 (6) Segment 3AR (7) Core 138 (8) Cask Serial Number 67

Radiation Survey Data:		(9) FIELD		(33) LABORATORY		(10) Shipment Description	
Over Top Dose Rate			<u>60.5</u>		<u>60.5</u>	A. Work Package Number	<u>WS-95-277</u>
Side Dose Rate			<u>60.5</u>		<u>4</u>	B. Cask Seal Number	<u>1550</u>
Bottom Dose Rate			<u>1</u>		<u>4</u>	C. Sampler Serial Number	<u>95-1315</u>
Smearable Contamination			<u>620</u>	(Alpha)	<u>6000</u>	D. Date and Time Sampler Unseated	<u>3-25-96 05:29</u>
			<u>6000</u>	(Alpha)	<u>6000</u>	E. Expected Liquid Content	<u>10%</u>
				(Beta-Gamma)		F. Expected Solid Content	<u>90%</u>
RCT* (HPT)	<u>ACT</u>	(Signature)		(Beta-Gamma)		G. Dose Rate Through Drill String	<u>250 mR/hr</u>
RCT* (HPT)		(Signature)		(Signature)		H. Expected Sample Length	<u>9 1/2"</u>

1) INFORMATION (include statement of laboratory tests to be performed.)

170

WHC-SD-WM-DP-185, REV. 0

(34) Laboratory Comments

2) Field Comments

COPY

3) Point of Origin		(14) Destination		(15) Sender Name (Sign and PRINT)		(16) Date/Time		(17) Sender Comments	
<u>5101</u>		<u>2225</u>		<u>Bluff Springs Co. Dallas</u>		<u>4/9/96</u>	<u>180</u>		
4) Relinquished By (Sign and PRINT)		(140) Received By (Sign and PRINT)		(21) Date/Time		(22) Receiver Comments			
<u>Davey D. Parnell</u>		<u>Davey D. Parnell</u>		<u>4/4/96</u>		<u>100</u>			
5) Relinquished By (Sign and PRINT)		(24) Received By (Sign and PRINT)		(25) Date/Time		(26) Receiver Comments			
<u>Davey D. Parnell</u>		<u>W. LAPIERS</u>		<u>4-9-96</u>		<u>1040</u>			
6) Relinquished By (Sign and PRINT)		(28) Received By (Sign and PRINT)		(29) Date/Time		(30) Receiver Comments			

(18) Seal Intact Upon Release?		(31) Seal Intact Upon Receipt?		(32) Seal Date Consistent with this Record?		Shipment No.		Cask Seal No.		Sample No.	
☒ Yes	☐ No	☒ Yes	☐ No	☒ Yes	☐ No	☒ Yes	☐ No	☒ Yes	☐ No	☒ Yes	☐ No

TRANSPORTATION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-85 Goldenrod - Tank Farm Operations, S4-43 BC-8000-303 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 26, 1996 10:21AM WHC 222S LAB ROOM 2F BACKSIDE

1) Shipment Number 200W-08-77 (2) Sample Number 96-124129 (3) Supervisor M.C. Jones

1) Tank 5-10 (5) Riser 6 (6) Segment 4 (7) Core 138 (8) Cask Serial Number 19-6

(10) Shipment Description

A. Work Package Number W5-95-00277

B. Cask Seal Number 10425

C. Sampler Serial Number 95-1515

D. Date and Time Sampler Unseated 3/21-96-2053

E. Expected Liquid Content 50%

F. Expected Solid Content 50%

G. Dose Rate Through Drill String 40 mR/HR

H. Expected Sample Length 19"

WHC-SD-WM-DP-185, REV. 0

1) INFORMATION (Include statement of laboratory tests to be performed.)

171

2) Field Comments

X-RAY SHOWED SAMPLER WAS EMPTY

COPY

(34) Laboratory Comments

3) Point of Origin	11(4) Destination	11(5) Sender Name (Sign and PRINT)	11(6) Date/Time	17) Sender Comments
5-10	222-S	David J. Reavitt for M.C. Jones	3-27-96/1016	
4) Relinquished By (Sign and PRINT)		20) Received By (Sign and PRINT)	21) Date/Time	22) Receiver Comments
David J. Reavitt		David J. Reavitt	3/27/96 1015	
5) Relinquished By (Sign and PRINT)		24) Received By (Sign and PRINT)	25) Date/Time	26) Receiver Comments
David J. Reavitt		David J. Reavitt	3-27-96 1037	
7) Relinquished By (Sign and PRINT)		28) Received By (Sign and PRINT)	29) Date/Time	30) Receiver Comments

(18) Seal Intact Upon Release? ☒ Yes ☐ No

(31) Seal Intact Upon Receipt? ☐ Yes ☐ No

(32) Seal Date Consistent with this Record? ☐ Yes ☐ No

Cask Seal No. ☒ Yes ☐ No

Shipment No. ☒ Yes ☐ No

Sample No. ☒ Yes ☐ No

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

(1) Shipment Number <u>200W08-TF</u>	(2) Sample Number <u>6</u>	(3) Supervisor <u>M.C. Jones</u>
(4) Tank <u>S-101</u>	(5) Riser <u>6</u>	(7) Core <u>138</u>
	(6) Segment <u>4R</u>	(8) Cask Serial Number <u>1009</u>

Radiation Survey Data:

Over Top Dose Rate _____
Side Dose Rate _____
Bottom Dose Rate _____
Measurable Contamination _____

(33) LABORATORY

(9) FIELD
LO.S
LO.S
5 MR/hr
LO
(Alpha)
LOOO
(Beta-Gamma)

(10) Shipment Description
A. Work Package Number _____
B. Cask Seal Number _____
C. Sampler Serial Number _____
D. Date and Time Sampler Unsealed _____
E. Expected Liquid Content _____
F. Expected Solid Content _____
G. Dose Rate Through Drill String _____
H. Estimated Sample Length _____

<u>WS-9S-00277</u>	<u>10427</u>	
<u>95-1945</u>		
<u>3/25/96 / 4:30 PM</u>	<u>50%</u>	
	<u>50%</u>	
		<u>5 MR/hr</u>
		<u>19"</u>

WHC-SD-WM-DF-185, REV. 0

Copy

X-RAY should sampler may be empty

172

11) INFORMATION (include statement of laboratory tests to be performed.)

2) Field Comments	(34) Laboratory Comments

(13) Point of Origin	(14) Destination	(15) Sender Name (Sign and PRINT)	(16) Date/Time	(17) Sender Comments
222-S	222-S	R. J. Penzi	4-9-64	
(18) Released By (Sign and PRINT)	(19) Resignated By (Sign and PRINT)	(20) Received By (Sign and PRINT)	(21) Date/Time	(22) Receiver Comments
R. J. Penzi	R. J. Penzi	R. J. Penzi	4-9-64	
(23) Relinquished By (Sign and PRINT)	(24) Relinquished By (Sign and PRINT)	(25) Received By (Sign and PRINT)	(26) Date/Time	(27) Receiver Comments
R. J. Penzi	R. J. Penzi	R. J. Penzi	4-9-64	
(28) Relinquished By (Sign and PRINT)	(29) Relinquished By (Sign and PRINT)	(30) Received By (Sign and PRINT)	(31) Date/Time	(32) Receiver Comments
R. J. Penzi	R. J. Penzi	R. J. Penzi	4-9-64	

(18) Seal Intact Upon Release? ☒ Yes ☐ No

(31) Seal Intact Upon Receipt? ☒ Yes ☐ No

(32) Seal Data Consistent with this Record?

Shipment No. ☒ Yes ☐ No

Cask Seal No. ☒ Yes ☐ No

Sample No. ☒ Yes ☐ No

(18) Seal Intact Upon Release?	(31) Seal Intact Upon Receipt?	(32) Seal Data Consistent with this Record?

TRANSMISSION: White - Office of Sample Management
Yellow - Recipient of Sample
Pink - Core Sampling, S6-85
Goldenrod - Tank Farm Operations, S4-43
BC-8000-309 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 200W-08-IT (2) Sample Number 96-130 (3) Supervisor HARTLEY

1) Tank 5-101 (5) Riser 6 (6) Segment 5 (7) Core 13B (8) Cask Serial Number C1016

Validation Survey Data:

Over Top Dose Rate 20.5 mR/hr
Side Dose Rate 25 mR/hr
Bottom Dose Rate 10 mR/hr
Smearable Contamination 220 (Alpha)
21K (Beta-Gamma)

RCI* (HPT) [Signature]

(33) LABORATORY

(10) Shipment Description

A. Work Package Number WS-95-00277-0
B. Cask Seal Number 11410
C. Sampler Serial Number 95-1525
D. Date and Time Sampler Unseated 3/23/96 1731
E. Expected Liquid Content 10%
F. Expected Solid Content 90%
G. Dose Rate Through Drill String 1.3 R/hr
H. Expected Sample Length 19"

RCI* (HPT) [Signature]

WHC-SD-WM-DP-85, REV. 0

1) INFORMATION (include statement of laboratory tests to be performed.)

173

2) Field Comments

END OF SAMPLER BELOW SEAL WAS SLIGHTLY MUDDY.

(34) Laboratory Comments

COPY

1) Point of Origin <u>5-101</u>	14) Destination <u>2225</u>	15) Sender Name (Sign and PRINT) <u>Raymond J. Pazzanich Jr. D. Hartley</u>	16) Date/Time <u>4-2-96</u>	17) Sender Comments
2) Relinquished By (Sign and PRINT) <u>[Signature]</u>	20) Received By (Sign and PRINT) <u>[Signature]</u>	21) Date/Time <u>4-2-96</u>	22) Receiver Comments	
3) Relinquished By (Sign and PRINT) <u>[Signature]</u>	24) Received By (Sign and PRINT) <u>[Signature]</u>	25) Date/Time <u>10-0-0</u>	26) Receiver Comments	
4) Relinquished By (Sign and PRINT) <u>[Signature]</u>	28) Received By (Sign and PRINT) <u>[Signature]</u>	29) Date/Time	30) Receiver Comments	

18) Seal Intact Upon Release? ☒ Yes ☐ No	31) Seal Intact Upon Receipt? ☒ Yes ☐ No	32) Seal Data Consistent with this Record? Shipment No. ☒ Yes ☐ No Cask Seal No. ☒ Yes ☐ No	Seal No. ☒ Yes ☐ No
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CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number <u>200W-08-TF</u>	(2) Sample Number <u>96-134</u>	(3) Supervisor <u>HARTLEY</u>	(8) Cask Serial Number <u>C1489</u>
Tank <u>5-101</u>	(5) Riser <u>6</u>	(6) Segment <u>6</u>	(7) Core <u>138</u>

(9) FIELD		(10) SHIPMENT DESCRIPTION	
Over Top Dose Rate <u>1 mR/hr</u>	(11) A. Work Package Number <u>45-95-00277-0</u>		
Side Dose Rate <u>0.5 mR/hr</u>	(12) B. Cask Seal Number <u>11411</u>		
Bottom Dose Rate <u>10 mR/hr</u>	(13) C. Sampler Serial Number <u>95-0505</u>		
Smearable Contamination <u>500 dpm/100cm²</u>	(14) D. Date and Time Sampler Unseated <u>3/23/96 1851</u>		
	(15) E. Expected Liquid Content <u>0.7</u>		
	(16) F. Expected Solid Content <u>100%</u>		
	(17) G. Dose Rate Through Drill String <u>1.2 R/hr</u>		
	(18) H. Expected Sample Length <u>19" 15 1/2"</u>		

RCT* (HPT) <u>[Signature]</u>	RCT (HPT) <u>[Signature]</u>
-------------------------------------	------------------------------------

1) INFORMATION (Include statement of laboratory tests to be performed.)

2) Field Comments
SLUDGE ON BOTTOM OF SAMPLER, SAMPLER CONTAINED ~15 1/2" OF SLUDGE FROM X-RAY.

3) Laboratory Comments
[Blank]

(1) Point of Origin <u>5-101</u>	(14) Destination <u>222S</u>	(15) Sender Name (Sign and PRINT) <u>[Signature] R.J. Peayak Jr. Director</u>	(16) Date/Time <u>4-4-96/1100</u>	(17) Sender Comments
(2) Relinquished By (Sign and PRINT) <u>[Signature] R.J. Peayak Jr.</u>	(20) Received By (Sign and PRINT) <u>[Signature] [illegible]</u>	(21) Date/Time <u>4-4-96/1101</u>	(22) Receiver Comments	
(3) Relinquished By (Sign and PRINT) <u>[Signature] [illegible]</u>	(24) Received By (Sign and PRINT) <u>[Signature] [illegible]</u>	(25) Date/Time <u>4-4-96/1130</u>	(26) Receiver Comments	
(4) Relinquished By (Sign and PRINT) <u>[Signature] [illegible]</u>	(28) Received By (Sign and PRINT)	(29) Date/Time	(30) Receiver Comments	

(18) Seal Intact Upon Release? ☒ Yes ☐ No	(31) Seal Intact Upon Receipt? ☒ Yes ☐ No	(32) Seal Data Consistent with this Record? ☒ Yes ☐ No	Sample No. ☒ Yes ☐ No
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TRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-85 Goldenrod - Tank Farm Operations, S4-43 BC-8000-308 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 200N-08-7E (2) Sample Number 96-132 (3) Supervisor HARTLEY
 1) Tank S-101 (5) Riser 6 (6) Segment 7 (7) Core 135 (8) Cask Serial Number 405540394

(9) FIELD		(33) LABORATORY		(10) Shipment Description	
Over Top Dose Rate	<u>5 mR/hr</u>	(11) MR	<u>HC</u>	A. Work Package Number	<u>W5-55-0023710</u>
Side Dose Rate	<u>15 mR/hr</u>	(12) MR	<u>HC</u>	B. Cask Seal Number	<u>11409</u>
Bottom Dose Rate	<u>5 mR/hr</u>	(13) MR	<u>HC</u>	C. Sampler Serial Number	<u>82290</u> <u>95-1475-95-8855-41196</u>
Smearable Contamination	<u>220 dpm/100 cm²</u>	(14) dpm/100 cm ²	<u>2</u>	D. Date and Time Sampler Unseated	<u>3/25/96 2207</u>
	<u>15 dpm/100 cm²</u>	(15) dpm/100 cm ²	<u>1</u>	E. Expected Liquid Content	<u>100%</u>
	<u>15 dpm/100 cm²</u>	(16) dpm/100 cm ²	<u>1</u>	F. Expected Solid Content	<u>90%</u>
	<u>15 dpm/100 cm²</u>	(17) dpm/100 cm ²	<u>1</u>	G. Dose Rate Through Drill String	<u>12 hr</u>
	<u>15 dpm/100 cm²</u>	(18) dpm/100 cm ²	<u>1</u>	H. Expected Sample Length	<u>15"</u>

1) INFORMATION (Include statement of laboratory tests to be performed.)

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2) Field Comments		(34) Laboratory Comments	
<p>USE COC-6 SAMPLER #3 AS IS END 4/16/96 RND 4/22/96</p>		<p>COPY</p>	
3) Point of Origin	(14) Destination	(15) Sender Name (Sign and PRINT)	(16) Date/Time
<u>S-101</u>	<u>2225</u>	<u>Paul R. Raznik</u>	<u>4-15-96</u>
4) Relinquished By (Sign and PRINT)	(20) Received By (Sign and PRINT)	(17) Sender Comments	(22) Receiver Comments
<u>Paul R. Raznik</u>	<u>Paul R. Raznik</u>		
5) Relinquished By (Sign and PRINT)	(24) Received By (Sign and PRINT)	(23) Date/Time	(26) Receiver Comments
<u>Paul R. Raznik</u>	<u>Paul R. Raznik</u>	<u>4-15-96</u>	
6) Relinquished By (Sign and PRINT)	(28) Received By (Sign and PRINT)	(25) Date/Time	(30) Receiver Comments
<u>Paul R. Raznik</u>	<u>Paul R. Raznik</u>	<u>4-15-96</u>	
(18) Seal Intact Upon Release?		(32) Seal Date Consistent with this Record?	
☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No	
(31) Seal Intact Upon Receipt?		Cask Seal No. ☒ Yes ☐ No	
☒ Yes ☐ No		Sample No. ☒ Yes ☐ No	

1) TYPE: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, 56-85 Goldenrod - Tank Farm Operations, 54-43 BC-8000-308 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 20W-08-7P (2) Sample Number 96-133 (3) Supervisor Dave J. J. J.
 1) Tank 5 101 (5) Riser 6 (6) Segment 8 (7) Core 138 (8) Cask Serial Number C 1051

1) Radiation Survey Date: (9) FIELD (33) LABORATORY
 Over Top Dose Rate 0.5 mR/hr 41 hr for
 Side Dose Rate 10 mR/hr 42 hr for HR
 Bottom Dose Rate 10 mR/hr 43 hr for HR
 Smearable Contamination <20 dpm/100 cm² <20 dpm/100 cm²
 (Alpha) (Beta-Gamma)
<1 Kdpm/100 cm² <100 dpm
 (Signature) (Signature)
 RCT* (HPT) RCT* (HPT)
R. J. J. R. J. J.
 (Signature) (Signature)

1) INFORMATION (Include statement of laboratory tests to be performed.)

176

WHC-SD-WM-DP-185, REV. C

2) Field Comments		(34) Laboratory Comments	
X-RAYED, sampler USE COC & SAMP. SERIAL # AS IS END 4/16/96		GUM	
3) Point of Origin <u>5 101</u>	(14) Destination <u>2225</u>	(15) Sender Name (Sign and PRINT) <u>Dave J. J. J. for D. J. J.</u>	(16) Date/Time <u>4-16-1100</u>
4) Relinquished By (Sign and PRINT) <u>Dave J. J. J.</u>	(20) Received By (Sign and PRINT) <u>Dave J. J. J.</u>	(21) Date/Time <u>4-16-1100</u>	(22) Receiver Comments
5) Relinquished By (Sign and PRINT) <u>Dave J. J. J.</u>	(24) Received By (Sign and PRINT) <u>Dave J. J. J.</u>	(25) Date/Time <u>4-16-1100</u>	(26) Receiver Comments
6) Relinquished By (Sign and PRINT) <u>Dave J. J. J.</u>	(28) Received By (Sign and PRINT) <u>Dave J. J. J.</u>	(29) Date/Time <u>4-16-1100</u>	(30) Receiver Comments
(18) Seal Intact Upon Release? ☒ Yes ☐ No		(32) Seal Data Consistent with the Record? ☒ Yes ☐ No	
(31) Seal Intact Upon Receipt? ☒ Yes ☐ No		Shipment No. ☒ Yes ☐ No	
1) DISTRIBUTION: White - Office of Sample Management		Yellow - Recipient of Sample	
Pink - Core Sampling, S8-85		Goldenrod - Tank Farm Operations, S4-43	
BC-6000-309 (02/94)			

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number 200W-OKTP (2) Sample Number 96-134 (3) Supervisor Dave J. Burt
 Tank 5101 (5) Riser 6 (6) Segment 9 (7) Core 138 (8) Cask Serial Number 71

Date Survey Date: (9) FIELD

Over Top Dose Rate	<u>20.5 mR/hr</u>	(10) Shipment Description	<u>45-95-00277</u>
Side Dose Rate	<u>10 mR/hr</u>	A. Work Package Number	<u>11427</u>
Bottom Dose Rate	<u>5 mR/hr</u>	B. Cask Seal Number	<u>82-3448</u>
Smearable Contamination	<u>220</u>	C. Sampler Serial Number	<u>95-0475</u>
	<u>1K</u> (Alpha)	D. Date and Time Sampler Unseated	<u>3-26-86 04:23</u>
	<u>1K</u> (Beta-Gamma)	E. Expected Liquid Content	<u>10%</u>
	<u>1K</u> (Signature)	F. Expected Solid Content	<u>90%</u>
RCT* (HPT)	<u>[Signature]</u>	G. Dose Rate Through Drill String	<u>500 mR/hr</u>
RCT* (HPT)	<u>[Signature]</u>	H. Expected Sample Length	<u>16 1/2 in</u>

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1) INFORMATION (include statement of laboratory tests to be performed.)

WHC-SD-WM-DP-185. REV. 0

COPY

(34) Laboratory Comments

Field Comments
 4-Kay sampler
 small amount of waste on Bottom
 F sampler
 11 in cap Lithium Bromide

(1) Point of Origin	(14) Destination	(15) Sender Name (Sign and PRINT)	(16) Date/Time	(17) Sender Comments
5101	222	W. R. Bazzani	4-18-86 09:00	
Relinquished By (Sign and PRINT)	(20) Received By (Sign and PRINT)	(21) Date/Time	(22) Receiver Comments	
W. R. Bazzani	[Signature]	4/19/86 09:01		
Relinquished By (Sign and PRINT)	(24) Received By (Sign and PRINT)	(25) Date/Time	(26) Receiver Comments	
[Signature]	W. R. Bazzani	4-18-86		
Relinquished By (Sign and PRINT)	(28) Received By (Sign and PRINT)	(29) Date/Time	(30) Receiver Comments	
	[Signature]			

(32) Seal Data Consistent with this Record?

(31) Seal Intact Upon Receipt?

Seal Seal No. ☒ Yes ☐ No

Shipment No. ☒ Yes ☐ No

Sample No. ☒ Yes ☐ No

TRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, 56-85 Goldenrod - Tank Farm Operations, 54-43 BC-8000-309 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 200w-08-ITF (2) Sample Number 96-174 (3) Supervisor Barthley (8) Cask Serial Number C2012

1) Tank 5101 (5) Riser 11 (6) Segment 1 (7) Core 142

(10) Shipment Description

A. Work Package Number	<u>WS-96-00111</u>
B. Cask Seal Number	<u>11405</u>
C. Sampler Serial Number	<u>95-323-5</u>
D. Date and Time Sampler Unseated	<u>4-3-96, 0201</u>
E. Expected Liquid Content	<u>30%</u>
F. Expected Solid Content	<u>70%</u>
G. Dose Rate Through Drill String	<u>1.412/MR</u>
H. Expected Sample Length	<u>17.5"</u>

(33) LABORATORY

Over Top Dose Rate	<u>21</u>
Side Dose Rate	<u>24</u>
Bottom Dose Rate	<u>10</u>
Smearable Contamination	<u>220</u>
(Alpha)	<u>41K</u>
(Beta-Gamma)	<u>41K</u>
Signature	<u>[Signature]</u>
Signature	<u>[Signature]</u>
Signature	<u>[Signature]</u>

1) INFORMATION (include statement of laboratory tests to be performed.)

WHC-SD-WM-DF 185. REV. C

(34) Laboratory Comments

COPY

2) Field Comments

3) Point of Origin <u>5101</u>	(14) Destination <u>222S</u>	(15) Sender Name (Sign and PRINT) <u>Donna Michael James Sicks</u>	(16) Date/Time <u>4-12-96</u>	(17) Sender Comments
9) Relinquished By (Sign and PRINT) <u>Donna Michael James Sicks</u>	(20) Received By (Sign and PRINT) <u>[Signature]</u>	(21) Date/Time <u>4-12-96</u>	(22) Receiver Comments	
3) Relinquished By (Sign and PRINT) <u>Donna Michael James Sicks</u>	(24) Received By (Sign and PRINT) <u>[Signature]</u>	(25) Date/Time <u>4-12-96</u>	(26) Receiver Comments	
7) Relinquished By (Sign and PRINT) <u>[Signature]</u>	(28) Received By (Sign and PRINT) <u>[Signature]</u>	(29) Date/Time <u>4-12-96</u>	(30) Receiver Comments	

(18) Seal Intact Upon Release? ☒ Yes ☐ No

(31) Seal Intact Upon Receipt? ☒ Yes ☐ No

(32) Seal Data Consistent with this Record? ☒ Yes ☐ No

Shipment No. ☒ Yes ☐ No

Cask Seal No. ☒ Yes ☐ No

Sample No. ☒ Yes ☐ No

DISTRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-85 Goldenrod - Tank Farm Operations, S4-43 BC-6000-309 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 25, 1998 10:15 AM WEG 2225 CAS ROCK 27 BAYAS 105

1) Shipment Number 220W-08-7F (2) Sample Number 96-175 (3) Supervisor HARTLEY

1) Tank 5-101 (5) Riser 11 (6) Segment 2 (7) Core 142 (8) Cask Serial Number 62018

1) Field (9) FIELD (33) LABORATORY

Over Top Dose Rate 5.54 R/h (10) Shipment Description

Side Dose Rate 20 mR/hr A. Work Package Number W5-96-0011110

Bottom Dose Rate 10 mR/hr B. Cask Seal Number 11430

Smeasable Contamination 220 dpm/100cm² C. Sampler Serial Number 95-3255

(Alpha) 4100 dpm D. Date and Time Sampler Unseated 4/15/96 0457

(Beta-Gamma) 30% E. Expected Liquid Content 30%

RCT* (HPT) 1000 dpm F. Expected Solid Content 70%

(Signature) R. Williams G. Dose Rate Through Drill String 14 R/h

RCT* (HPT) 19" H. Expected Sample Length 19"

1) INFORMATION (Include statement of laboratory tests to be performed.)

179

2) Field Comments

(34) Laboratory Comments

185. REV. 0

COPY

3) Point of Origin <u>5-101</u>	(14) Destination <u>2225</u>	(15) Sender Name (Sign and PRINT) <u>Shirley R. Razznik</u>	(16) Date/Time <u>4-23-96/175</u>	(17) Sender Comments
3) Relinquished By (Sign and PRINT) <u>Shirley R. Razznik</u>	(20) Received By (Sign and PRINT) <u>Armen L. Weikhaar</u>	(21) Date/Time <u>4-23-96</u>	(22) Receiver Comments	
3) Relinquished By (Sign and PRINT) <u>Shirley R. Razznik</u>	(24) Received By (Sign and PRINT) <u>Armen L. Weikhaar</u>	(25) Date/Time <u>4-23-96</u>	(26) Receiver Comments	
3) Relinquished By (Sign and PRINT) <u>Shirley R. Razznik</u>	(28) Received By (Sign and PRINT) <u>Armen L. Weikhaar</u>	(29) Date/Time <u>4-23-96</u>	(30) Receiver Comments	

(18) Seal Intact Upon Release? ☒ Yes ☐ No	(31) Seal Intact Upon Receipt? ☒ Yes ☐ No	(32) Seal Data Consistent with this Record? ☒ Yes ☐ No	Sample No. ☒ Yes ☐ No
---	---	--	---

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 25, 1996

1 Shipment Number 200W.08.1F

2 Sample Number 11

6 Segment 3

3 Supervisor WHELE

8 Cask Serial Number 57

1 Tank 5-161

5 Riser

7 Core

10 Shipment Description

11 Date Survey Date:

12 FIELD

13 LABORATORY

14 A. Work Package Number

15 B. Cask Seal Number

16 C. Sampler Serial Number

17 D. Date and Time Sampler Unseated

18 E. Expected Liquid Content

19 F. Expected Solid Content

20 G. Dose Rate Through Drill String

21 H. Expected Sample Length

22 Over Top Dose Rate

23 Side Dose Rate

24 Bottom Dose Rate

25 Smearable Contamination

26 (Alpha)

27 (Beta-Gamma)

28 (Signature)

29 RCT* (HPT)

30 RCT* (HPT)

31 (Signature)

32 (Signature)

33 (Signature)

34 (Signature)

35 (Signature)

36 (Signature)

37 (Signature)

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2

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

200-08-1F

Shipment Number 5101 (2) Sample Number 96-177 (3) Supervisor Hartley (8) Cask Serial Number C2014

Tank 5101 (5) Riser 11 (6) Segment 4 (7) Core 142

radiation Survey Data: (9) FIELD

Over Top Dose Rate 1 mR/hr (10) Shiphment Description

Side Dose Rate 25 mR/hr A. Work Package Number WS-96-10111

Bottom Dose Rate 10 mR/hr B. Cask Seal Number 11404

Smearable Contamination 200 dpm/cm² C. Sampler Serial Number 95-3125

200 dpm/cm² D. Date and Time Sampler Unseated 4-3-96 1010

250 dpm/cm² E. Expected Liquid Content 3000

250 dpm/cm² F. Expected Solid Content 7000

ACT* (HPT) 250 dpm/cm² (Alpha) 1.3 R/hr

ACT* (HPT) 250 dpm/cm² (Beta-Gamma) 1911

ACT* (HPT) 250 dpm/cm² (Signature) APR 3 1996

1) INFORMATION (include statement of laboratory tests to be performed.)

181

2) Field Comments

Sludge on Bottom of Sampler

COPY

(1) Point of Origin	(14) Destination	(15) Sender Name (Sign and PRINT)	(16) Date/Time	(17) Sender Comments
SDX	2225	Sludge on Bottom of Sampler	4-4-96 1400	
(2) Reinquished By (Sign and PRINT)	(20) Reinquished By (Sign and PRINT)	(21) Date/Time	(22) Receiver Comments	
David J. Koenig	David J. Koenig	4-4-96 1400		
(3) Reinquished By (Sign and PRINT)	(24) Received By (Sign and PRINT)	(25) Date/Time	(26) Receiver Comments	
David J. Koenig	David J. Koenig	4-4-96 1400		
(4) Reinquished By (Sign and PRINT)	(28) Received By (Sign and PRINT)	(29) Date/Time	(30) Receiver Comments	
David J. Koenig	David J. Koenig	4-4-96 1400		

(18) Seal Intact Upon Release? ☒ Yes ☐ No (31) Seal Intact Upon Receipt? ☒ Yes ☐ No

(19) Seal Data Consistent with this Record? ☒ Yes ☐ No

Shipment No. ☒ Yes ☐ No

Cask Seal No. ☒ Yes ☐ No

Sample No. ☒ Yes ☐ No

TPBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-85 Goldered - Tank Farm Operations, S4-43

BC-8000-309 (02/84)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number 200W-08-IF (2) Sample Number 96-178 (3) Supervisor M.C. Jones
 1) Tank S-101 (5) Riser 11 (6) Segment 5 (7) Core 142 (8) Cask Serial Number SW-56

Collection Survey Data:

Over Top Dose Rate

Side Dose Rate

Bottom Dose Rate

Smearable Contamination

(9) FIELD

1 hr

25 min

10 min

20 min

1 hr

1 hr

1 hr

1 hr

(10) LABORATORY

21 MP/HR

23 MP/HR

8 MP/HR

20 MP/HR

21 MP/HR

21 MP/HR

21 MP/HR

21 MP/HR

(11) Shipment Description

A. Work Package Number

B. Cask Seal Number

C. Sampler Serial Number

D. Date and Time Sampler Unseated

E. Expected Liquid Content

F. Expected Solid Content

G. Dose Rate Through Drill String

H. Expected Sample Length

WS-95-00111

10420

95-1035

24/3/96 1345

50%

50%

1 R/HR

19"

RCT* (HPT)

RCT* (HPT)

(Alpha)

(Beta Gamma)

(Signify)

1) INFORMATION (Include statement of laboratory tests to be performed.)

182

2) Field Comments

NO - X-RAY

(34) Laboratory Comments

COPY

3) Point of Origin

10/5

Relinquished By (Sign and PRINT)

David J. Kearney

Relinquished By (Sign and PRINT)

David J. Kearney

Relinquished By (Sign and PRINT)

David J. Kearney

(14) Destination

222-S

Relinquished By (Sign and PRINT)

David J. Kearney

Relinquished By (Sign and PRINT)

David J. Kearney

(15) Sender Name (Sign and PRINT)

David J. Kearney

Relinquished By (Sign and PRINT)

David J. Kearney

Relinquished By (Sign and PRINT)

David J. Kearney

(16) Date/Time

4/19/96

Relinquished By (Sign and PRINT)

David J. Kearney

Relinquished By (Sign and PRINT)

David J. Kearney

(17) Sender Comments

(21) Date/Time

(22) Receiver Comments

(26) Receiver Comments

(30) Receiver Comments

(18) Seal Intact Upon Release?

☒ Yes ☐ No

(31) Seal Intact Upon Receipt?

☒ Yes ☐ No

(32) Seal Date Consistent with this Record?

Shipment No. ☒ Yes ☐ No

Cask Seal No. ☒ Yes ☐ No

Sample No. ☒ Yes ☐ No

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Jun. 26, 1995 10:10AM WSC 222S LAB ROOM 2F BACKSIDE

1) Shipment Number 200W-08-TF (2) Sample Number 96-179 (3) Supervisor M.C. Jones (8) Cask Serial Number C-1053 ✓
 1) Tank S-101 (5) Riser 11 (6) Segment 6 (7) Core 142

(10) Shipment Description
 A. Work Package Number W5-96-00111
 B. Cask Seal Number 10463 ✓
 C. Sampler Serial Number 95-3285
 D. Date and Time Sampler Unseated 4-3-96 5:1736
 E. Expected Liquid Content 30%
 F. Expected Solid Content 70%
 G. Dose Rate Through Drill String 1 R/HR
 H. Expected Sample Length 19"

(13) LABORATORY
 (9) FIELD
 Over Top Dose Rate 60.5
 Side Dose Rate 60.5
 Bottom Dose Rate 15 mR/hr
 Smearable Contamination 220 (Alpha)
11000 (Beta-Gamma)
 RCT* (HPT) NA (Signature) RCT* (HPT) Chalaco (Signature)

1) INFORMATION (Include statement of laboratory tests to be performed.)

183

WHC-SD-WM-OP-185, REV. 0

2) Field Comments

UO X-RAY

Waste on bottom of sampler

(34) Laboratory Comments

COPY

(3) Point of Origin	(14) Destination	(15) Sender Name (Sign and PRINT)	(16) Date/Time	(17) Sender Comments
S-101	# 222-S	Elmer P. Pruitt for M.C. Jones	4-9-96/115	
Relinquished By (Sign and PRINT)		Received By (Sign and PRINT)	(21) Date/Time	(22) Receiver Comments
Elmer P. Pruitt		Daniel J. Kearney	4/9/96 115	
Relinquished By (Sign and PRINT)		Received By (Sign and PRINT)	(25) Date/Time	(26) Receiver Comments
Daniel J. Kearney		Arthur B. Bony	4/9/96 120	
Relinquished By (Sign and PRINT)		Received By (Sign and PRINT)	(29) Date/Time	(30) Receiver Comments

(18) Seal Intact Upon Release?

Yes ☒ No ☐

(31) Seal Intact Upon Receipt?

Yes ☒ No ☐

Shipment No.

Yes ☒ No ☐

(32) Seal Data Consistent with this Record?

Cask Seal No.

Yes ☒ No ☐

Sample No.

Yes ☒ No ☐

TRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-85 Goldenrod - Tank Farm Operations, S4-43 8C-8000-309 (02/94)

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

Shipment Number 220W-08-TF (2) Sample Number 96-180 (3) Supervisor M.C. Jones
 Tank S-101 (5) Riser 11 (6) Segment 7 (7) Core 142 (8) Cask Serial Number C 2017

Irradiation Survey Date:		(9) FIELD	(10) Shipment Description
Over Top Dose Rate	<u><1</u>	(13) LABORATORY	A. Work Package Number <u>45-96-00111</u>
Side Dose Rate	<u>7</u>		B. Cask Seal Number <u>10455</u>
Bottom Dose Rate	<u>5</u>		C. Sampler Serial Number <u>95-1015</u>
Smearable Contamination	<u>220</u>		D. Date and Time Sampler Unseated <u>3-3-96 / 1846</u>
	<u>21K</u>	(Alpha)	E. Expected Liquid Content <u>9000</u>
		(Beta-Gamma)	F. Expected Solid Content <u>1 RAR</u>
RCT* (HPT)	<u>[Signature]</u>	(Signature)	G. Dose Rate Through Drill String <u>19.1</u>
RCT* (HPT)	<u>[Signature]</u>	(Signature)	H. Expected Sample Length

1) INFORMATION (Include statement of laboratory tests to be performed.)

184

2) Field Comments

X-RAY showed sampler was full

(34) Laboratory Comments

COPY

3) Point of Origin <u>S-101</u>	(14) Destination <u>222-S</u>	(15) Sender Name (Sign and Print) <u>James S. Hicks</u>	(16) Date/Time <u>4-12-96</u>	(17) Sender Comments
9) Relinquished By (Sign and Print) <u>James S. Hicks</u>	(20) Received By (Sign and Print) <u>J. Denney</u>	(21) Relinquished By (Sign and Print) <u>J. Denney</u>	(22) Date/Time <u>4-12-96</u>	(22) Receiver Comments
3) Relinquished By (Sign and Print) <u>J. Denney</u>	(24) Received By (Sign and Print) <u>J. Denney</u>	(25) Relinquished By (Sign and Print) <u>J. Denney</u>	(26) Date/Time <u>4-12-96</u>	(26) Receiver Comments
9) Relinquished By (Sign and Print)	(28) Received By (Sign and Print)	(29) Relinquished By (Sign and Print)	(30) Date/Time	(30) Receiver Comments

(18) Seal Intact Upon Release? (31) Seal Intact Upon Receipt? (32) Seal Data Consistent with this Record?

☒ Yes	☐ No	☒ Yes	☐ No	☒ Yes	☐ No
Shipment No.		Cask Seal No.		Sample No.	

CHAIN-OF-CUSTODY RECORD FOR CORE SAMPLING

1) Shipment Number RAW-08-TF (2) Sample Number 96-181 (3) Supervisor MIC JONES (4) Cask Serial Number 95-3065-23
 1) Tank S-101 (5) Riser 11 (6) Segment 8 (7) Core 142

ADDITIONAL SURVEY DATA:		(10) SHIPMENT DESCRIPTION	
Over Top Dose Rate	<u>< 1</u>	A. Work Package Number	<u>WS-96-00111</u>
Side Dose Rate	<u>10</u>	B. Cask Seal Number	<u>104106</u>
Bottom Dose Rate	<u>10</u>	C. Sampler Serial Number	<u>95-3065</u>
Smearable Contamination	<u>< 20</u> (Alpha)	D. Date and Time Sampler Unsealed	<u>4-3-96 / 2025</u>
	<u>< 1K</u> (Beta-Gamma)	E. Expected Liquid Content	<u>10%</u>
	<u>< 1K</u> (Beta-Gamma)	F. Expected Solid Content	<u>90%</u>
RCT* (HPT)	<u>[Signature]</u>	G. Dose Rate Through Drill String	<u>450 MR/HR</u>
RCT* (HPT)	<u>[Signature]</u>	H. Expected Sample Length	<u>16 3/8"</u>

1) INFORMATION (Include statement of laboratory tests to be performed.)

185

2) Field Comments

X-RAY SHOWED 13" IN SAMPLER;
 HOB WENT OFF 10 7/8" IN TO THE STROKE.

185, REV. C

COPY

LABORATORY		(34) LABORATORY COMMENTS	
(15) Sender Name (Sign and PRINT) <u>FOR JONES</u>	(16) Date/Time <u>4-12-96</u>	(17) Sender Comments	
(18) Receiver By (Sign and PRINT) <u>[Signature]</u>	(19) Date/Time <u>4-12-96</u>	(22) Receiver Comments	
(20) Receiver By (Sign and PRINT) <u>[Signature]</u>	(21) Date/Time <u>4-12-96</u>	(25) Receiver Comments	
(23) Receiver By (Sign and PRINT) <u>[Signature]</u>	(24) Date/Time <u>4-12-96</u>	(30) Receiver Comments	

SEAL DATA		SHIPMENT NO.	
(18) Seal Intact Upon Release? ☒ Yes ☐ No	(31) Seal Intact Upon Receipt? ☒ Yes ☐ No	(32) Seal Data Consistent with this Record? ☒ Yes ☐ No	Sample No. ☒ Yes ☐ No

1) DISTRIBUTION: White - Office of Sample Management Yellow - Recipient of Sample Pink - Core Sampling, S6-95 Goldenrod - Tank Farm Operations, S4-43 BC-9000-309 (02/94)

WHC-SD-WM-DP-185, REV. 0

PHOTOGRAPHS

WHC-SD-WM-DP-185, REV. 0

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S-101 Core 137 Segment #1

3-18-96

S-101 Core 137 Segment #2

3/18/96

S-101 Core 13'7 Segment #3

3/26/96

S-101 Core 137 Segment #4

3/26/96

5'-10" Core 137 Segment #5

3/26/96

S 101 Core 137 Segment #6

3/26/96

S-101 Core 137 Segment #17

3-26-96

S-101 Core 137 Segment #8

3-26-96

S-101 Core 137 Segment #9

3 DEC 96

S-101 Core 138 Segment #61

4-1-96

S-101 Core 138 Segment #1R

4-1-96

S-101 Core 138 Segment #1R

4-1-96

S-101 Core 138 Segment #2

4-1-96

S-101 Core 138 Segment #2 (Piston)

4-1-96

S-101 Core 138 Segment #2R

4-1-96

S-101 Core 138 Segment 2R-1

4-8-96

S-101 Core 138 Segment # 3 (Value / Vision)

4-1-96

S-101 Core 138 Segment 3R

4-18-96

S-101 Core 138 Segment 3AR

4-16-86

S-101 Core 138 Segment #4

4-1-96

S-101 Core 138 Segment 4K

4-16-96

S-101 Core 138 Segment 5 Insert

10-3-96

5-101 Core 138 Segment 6

4-15-96

S-101 Core 138 Segment 7

4-23-96

5-101 Core 138 Segment 8

4-16-96

S-101 Core 138 Segment #9

4/23/96

S-101 Core 138 Field Blank

4-23-86

S-101 Core 142 Segment 1

4-16-76

948

4/29/96

S-101 Core 142 Segment #2

S-101 Core 142 Segment #3

4-24-96

S-101 Core 142 Segment 4

4-17-96

S-101 Core 142 Segment 5

4-17-96

5-101 Core 142 Segment 6

4-17-96

S-101 Core 142 Segment #7

4-17-96

5-101 Core 142 Segment 8

4-17-96

WHC-SD-WM-DP-185, REV. 0

SAMPLE HANDLING

WHC-SD-WM-DP-185, REV. 0

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LABCORE Data Entry Template for Worklist#

6579

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B0

Worklist Comment: S-101 C137 SEG # 1 RISER 4 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000282	S-101	3 SAMPLE	S96T001391	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000282	S-101	4 SAMPLE	S96T001391	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	5 SAMPLE	S96T001391	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000282	S-101	6 SAMPLE	S96T001391	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	7 SAMPLE	S96T001391	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	8 SAMPLE	S96T001391	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000282	S-101	9 SAMPLE	S96T001391	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000282	S-101	10 SAMPLE	S96T001391	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	11 SAMPLE	S96T001391	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	12 SAMPLE	S96T001391	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

6579

Analyst Signature EC Date 3-19-96

Analyst Signature EC Date 3-19-96

Reviewed by
Bernard Guffin II
3-19-96

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#

6581

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B-6

Worklist Comment: S-101 C137 SEG # 2 RISER 4 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.01</u>	<u>N/A</u>	
96000282	S-101	3 SAMPLE	S96T001395	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000282	S-101	4 SAMPLE	S96T001395	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	5 SAMPLE	S96T001395	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000282	S-101	6 SAMPLE	S96T001395	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	7 SAMPLE	S96T001395	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	8 SAMPLE	S96T001395	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000282	S-101	9 SAMPLE	S96T001395	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000282	S-101	10 SAMPLE	S96T001395	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	11 SAMPLE	S96T001395	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	12 SAMPLE	S96T001395	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

6581

EC 3-19-96
Analyst Signature Date

EC 3-19-96
Analyst Signature Date

Reviewed by
Bernard Buffin II
3-19-96

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#

6582

Analyst: CC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B-0

Worklist Comment: S-101 C137 SEG 3 RISER 4 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000282	S-101	3 SAMPLE	S96T001396	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>C</u>		mL
96000282	S-101	4 SAMPLE	S96T001396	0	DLIQWT01	SOLID	<u>N/A</u>	<u>C</u>		g
96000282	S-101	5 SAMPLE	S96T001396	0	EST.G/ML	SOLID	<u>N/A</u>	<u>C</u>		g/mL
96000282	S-101	6 SAMPLE	S96T001396	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	7 SAMPLE	S96T001396	0	LLIQWT01	SOLID	<u>N/A</u>	<u>C</u>		g
96000282	S-101	8 SAMPLE	S96T001396	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000282	S-101	9 SAMPLE	S96T001396	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		mL
96000282	S-101	10 SAMPLE	S96T001396	0	SLDWT-01	SOLID	<u>N/A</u>	<u>C</u>		g
96000282	S-101	11 SAMPLE	S96T001396	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	12 SAMPLE	S96T001396	0	ORGVOL01	SOLID	<u>N/A</u>	<u>C</u>		mL

Final page for worklist #

6582

CC 3-28-96
Analyst Signature Date

CC 3-28-96
Analyst Signature Date

Reviewed by John B. Berg 3-28-96

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#

6583

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod PL0

Worklist Comment: S-101 C137 SEG # 4 RISER 4 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000282	S-101	3 SAMPLE	S96T001397	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000282	S-101	4 SAMPLE	S96T001397	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	5 SAMPLE	S96T001397	0	EST. G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000282	S-101	6 SAMPLE	S96T001397	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	7 SAMPLE	S96T001397	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	8 SAMPLE	S96T001397	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000282	S-101	9 SAMPLE	S96T001397	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000282	S-101	10 SAMPLE	S96T001397	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	11 SAMPLE	S96T001397	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	12 SAMPLE	S96T001397	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

6583

EC 3-28-96
Analyst Signature Date

EC 3-28-96
Analyst Signature Date

Reviewed by Atch B. Day 3-28-96

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#

6584

Analyst:

Instrument: BA000

Book #

Method: LO-160-103 Rev/Mod

Worklist Comment: S-101 C137 SEG # 5 RISER 4 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	20	20.00	N/A	
		2 INSTCHK02			EXTRUD01	SOLID	500	500.00	N/A	
96000282	S-101	3 SAMPLE	S96T001398	0	DLIQVOL1	SOLID	N/A	0		mL
96000282	S-101	4 SAMPLE	S96T001398	0	DLIQWT01	SOLID	N/A	0		g
96000282	S-101	5 SAMPLE	S96T001398	0	EST.G/ML	SOLID	N/A	0		g/mL
96000282	S-101	6 SAMPLE	S96T001398	0	EXTRUD01	SOLID	N/A	complete		
96000282	S-101	7 SAMPLE	S96T001398	0	LLIQWT01	SOLID	N/A	0		g
96000282	S-101	8 SAMPLE	S96T001398	0	NOTEBOOK	SOLID	N/A	N-1327		
96000282	S-101	9 SAMPLE	S96T001398	0	SLDVOL01	SOLID	N/A	NA		mL
96000282	S-101	10 SAMPLE	S96T001398	0	SLDWT-01	SOLID	N/A	53.8		g
96000282	S-101	11 SAMPLE	S96T001398	0	APPEAR01	SOLID	N/A	complete?		
96000282	S-101	12 SAMPLE	S96T001398	0	ORGVOL01	SOLID	N/A	0		mL

Final page for worklist #

6584

Analyst Signature

Date

Analyst Signature

Date

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#

6585

Analyst: EC Instrument: BA000 Book # NAMethod: LO-160-103 Rev/Mod B0

Worklist Comment: S-101 C137 SEG # 6 RISER 4 EXTRUSION

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	INSTCHK01				EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2	INSTCHK02				EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000282	S-101	3	SAMPLE	S96T001400	0		DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000282	S-101	4	SAMPLE	S96T001400	0		DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	5	SAMPLE	S96T001400	0		EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000282	S-101	6	SAMPLE	S96T001400	0		EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	7	SAMPLE	S96T001400	0		LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	8	SAMPLE	S96T001400	0		NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000282	S-101	9	SAMPLE	S96T001400	0		SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000282	S-101	10	SAMPLE	S96T001400	0		SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	11	SAMPLE	S96T001400	0		APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	12	SAMPLE	S96T001400	0		ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

6585

Analyst Signature EC Date 3-28-96Analyst Signature EC Date 3-28-96Reviewed by Steph B. By 3-28-96

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#

6586

Analyst: CE Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B-0

Worklist Comment: S-101 C137 SEG 7 RISER 4 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	20	20.00	N/A	
		2 INSTCHK02			EXTRUD01	SOLID	500	500.00	N/A	
96000282	S-101	3 SAMPLE	S96T001402	0	DLIQVOL1	SOLID	N/A	0		mL
96000282	S-101	4 SAMPLE	S96T001402	0	DLIQWT01	SOLID	N/A	0		g
96000282	S-101	5 SAMPLE	S96T001402	0	EST. G/ML	SOLID	N/A	0		g/mL
96000282	S-101	6 SAMPLE	S96T001402	0	EXTRUD01	SOLID	N/A	complete		
96000282	S-101	7 SAMPLE	S96T001402	0	LLIQWT01	SOLID	N/A	0		g
96000282	S-101	8 SAMPLE	S96T001402	0	NOTEBOOK	SOLID	N/A	N-1327		
96000282	S-101	9 SAMPLE	S96T001402	0	SLDVOL01	SOLID	N/A	NA		mL
96000282	S-101	10 SAMPLE	S96T001402	0	SLDWT-01	SOLID	N/A	503.6		g
96000282	S-101	11 SAMPLE	S96T001402	0	APPEAR01	SOLID	N/A	complete		
96000282	S-101	12 SAMPLE	S96T001402	0	ORGVOL01	SOLID	N/A	0		mL

Final page for worklist #

6586

Analyst Signature

Date

Analyst Signature

Date

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.

WHC-SD-WM-DP-185, REV. 0
LABCORE Data Entry Template for Worklist#

6588

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B-0

Worklist Comment: S-101 C137 SEG 8 RISER 4 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000282	S-101	3 SAMPLE	S96T001403	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000282	S-101	4 SAMPLE	S96T001403	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	5 SAMPLE	S96T001403	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000282	S-101	6 SAMPLE	S96T001403	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	7 SAMPLE	S96T001403	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	8 SAMPLE	S96T001403	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000282	S-101	9 SAMPLE	S96T001403	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000282	S-101	10 SAMPLE	S96T001403	0	SLDWT-01	SOLID	<u>N/A</u>	<u>174.0</u>		g
96000282	S-101	11 SAMPLE	S96T001403	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	12 SAMPLE	S96T001403	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

6588

EC 3-28-96
Analyst Signature Date

EC 3-28-96
Analyst Signature Date

Revised by [Signature] 3-28-96

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#

6589

Analyst: EC Instrument: BA000 Book # 11A

Method: LO-160-103 Rev/Mod B-0

Worklist Comment: S-101 C137 SEG # 9 RISER 4 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000282	S-101	3 SAMPLE	S96T001406	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		mL
96000282	S-101	4 SAMPLE	S96T001406	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	5 SAMPLE	S96T001406	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000282	S-101	6 SAMPLE	S96T001406	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	7 SAMPLE	S96T001406	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000282	S-101	8 SAMPLE	S96T001406	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000282	S-101	9 SAMPLE	S96T001406	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		mL
96000282	S-101	10 SAMPLE	S96T001406	0	SLDWT-01	SOLID	<u>N/A</u>	<u>420.2</u>		g
96000282	S-101	11 SAMPLE	S96T001406	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000282	S-101	12 SAMPLE	S96T001406	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		mL

Final page for worklist #

6589

EC 3-28-96
Analyst Signature Date

EC 3-28-96
Analyst Signature Date

Reviewed by J. B. Aug 3-28-96

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#

7090

Analyst: EC Instrument: BA000 Book # NAMethod: LO-160-103 Rev/Mod Bo

Worklist Comment: S-101 C138 SEG # 1 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.01</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001649	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		mL
96000394	S-101	4 SAMPLE	S96T001649	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001649	0	EST./G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001649	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001649	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001649	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001649	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		mL
96000394	S-101	10 SAMPLE	S96T001649	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	11 SAMPLE	S96T001649	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001649	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		mL

Final page for worklist #

7090

Analyst Signature EC Date 4-1-96Analyst Signature EC Date 4-1-96

Reviewed by
Bernard Hoff II
4-1-96

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#

7103

Analyst: CC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B-0

Worklist Comment: S-101 C138 SEG # 2 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.01</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001650	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000394	S-101	4 SAMPLE	S96T001650	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001650	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001650	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001650	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001650	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-127</u>		
96000394	S-101	9 SAMPLE	S96T001650	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001650	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	11 SAMPLE	S96T001650	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001650	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7103

CC 4-1-96
Analyst Signature Date

CC 4-1-96
Analyst Signature Date

Reviewed by
Bernard Riff II
4-1-96

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#

7104

Analyst: EE Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod Bo

Worklist Comment: S-101 C136 SEG # 3 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.01</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001651	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		mL
96000394	S-101	4 SAMPLE	S96T001651	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001651	0	EST._G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001651	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001651	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001651	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001651	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		mL
96000394	S-101	10 SAMPLE	S96T001651	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	11 SAMPLE	S96T001651	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001651	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		mL

Final page for worklist #

7104

Analyst Signature EE Date 4-1-96

Analyst Signature EE Date 4-1-96

Reviewed by
Bethan-D Griffith II
4-1-96

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#

7105

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B0

Worklist Comment: S-101 C138 SEG # 1R RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>2000</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>5000</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001652	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>240</u>		ml
96000394	S-101	4 SAMPLE	S96T001652	0	DLIQWT01	SOLID	<u>N/A</u>	<u>330</u>	<u>4600</u>	g 4-1-96
96000394	S-101	5 SAMPLE	S96T001652	0	EST.G/ML	SOLID	<u>N/A</u>	<u>177</u>		g/ml
96000394	S-101	6 SAMPLE	S96T001652	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001652	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001652	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001652	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001652	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	11 SAMPLE	S96T001652	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001652	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7105

Analyst Signature EC Date 4-1-96

Analyst Signature EC Date 4-1-96

Reviewed by
Burton D. Griffin II
4-1-96

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#

7106

Analyst:

Instrument: BA000

Book #

Method: LO-160-103 Rev/Mod

Worklist Comment: S-101 C138 SEG # 2R R1SER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	26	20.00	N/A	
		2 INSTCHK02			EXTRUD01	SOLID	50.2	50.01	N/A	
96000394	S-101	3 SAMPLE	S96T001653	0	DLIQVOL1	SOLID	N/A	0		mL
96000394	S-101	4 SAMPLE	S96T001653	0	DLIQWT01	SOLID	N/A	0		g
96000394	S-101	5 SAMPLE	S96T001653	0	EST.G/ML	SOLID	N/A	0		g/mL
96000394	S-101	6 SAMPLE	S96T001653	0	EXTRUD01	SOLID	N/A	complete		
96000394	S-101	7 SAMPLE	S96T001653	0	LLIQWT01	SOLID	N/A	0		g
96000394	S-101	8 SAMPLE	S96T001653	0	NOTEBOOK	SOLID	N/A	11-1327		
96000394	S-101	9 SAMPLE	S96T001653	0	SLDVOL01	SOLID	N/A	NA		mL
96000394	S-101	10 SAMPLE	S96T001653	0	SLDWT-01	SOLID	N/A	0		g
96000394	S-101	11 SAMPLE	S96T001653	0	APPEAR01	SOLID	N/A	complete		
96000394	S-101	12 SAMPLE	S96T001653	0	ORGVOL01	SOLID	N/A	0		mL

Final page for worklist #

7106

Analyst Signature

Date

Analyst Signature

Date

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#

7107

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B0

Worklist Comment: S-101 C138 SEG 4 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.01</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001654	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000394	S-101	4 SAMPLE	S96T001654	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001654	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000394	S-101	6 SAMPLE	S96T001654	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001654	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001654	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001654	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001654	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	11 SAMPLE	S96T001654	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001654	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7107

Analyst Signature [Signature] Date 4-1-96

Analyst Signature [Signature] Date 4-1-96

Reviewed by
Eustand Giff II
4-1-96

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#

7291

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod 80

Worklist Comment: S-101 C138 SEG 2R1 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.01</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001701	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>250</u>		ml
96000394	S-101	4 SAMPLE	S96T001701	0	DLIQWT01	SOLID	<u>N/A</u>	<u>354.0</u>		g
96000394	S-101	5 SAMPLE	S96T001701	0	EST.G/ML	SOLID	<u>N/A</u>	<u>1.41</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001701	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001701	0	LLIQWT01	SOLID	<u>N/A</u>	<u>5</u>		g
96000394	S-101	8 SAMPLE	S96T001701	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001701	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001701	0	SLDWT-01	SOLID	<u>N/A</u>	<u>33.2</u>		g
96000394	S-101	11 SAMPLE	S96T001701	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001701	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7291

EC 4-9-96
Analyst Signature Date
Bernard D Briffin II
4-9-96

EC 4-9-96
Analyst Signature Date

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#

7292

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod BC

Worklist Comment: S-101 C138 SEG # 5 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.01</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.02</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001702	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>C</u>		ml
96000394	S-101	4 SAMPLE	S96T001702	0	DLIQWT01	SOLID	<u>N/A</u>	<u>C</u>		g
96000394	S-101	5 SAMPLE	S96T001702	0	EST./G/ML	SOLID	<u>N/A</u>	<u>C</u>		g/ml
96000394	S-101	6 SAMPLE	S96T001702	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001702	0	LLIQWT01	SOLID	<u>N/A</u>	<u>C</u>		g
96000394	S-101	8 SAMPLE	S96T001702	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1737</u>		
96000394	S-101	9 SAMPLE	S96T001702	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001702	0	SLDWT-01	SOLID	<u>N/A</u>	<u>434.4</u>		g
96000394	S-101	11 SAMPLE	S96T001702	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001702	0	ORGVOL01	SOLID	<u>N/A</u>	<u>C</u>		ml

Final page for worklist #

7292

EC 4-3-96
Analyst Signature Date

EC 4-3-96
Analyst Signature Date

Reviewed by
Bernard Griffin II
4-4-96

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#

7451

Analyst: CC Instrument: BA000 Book # NAMethod: LO-160-103 Rev/Mod B0

Worklist Comment: S-101 C142 SEG # 4 RISER 11 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000456	S-101	3 SAMPLE	S96T001828	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000456	S-101	4 SAMPLE	S96T001828	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	5 SAMPLE	S96T001828	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000456	S-101	6 SAMPLE	S96T001828	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	7 SAMPLE	S96T001828	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	8 SAMPLE	S96T001828	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000456	S-101	9 SAMPLE	S96T001828	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000456	S-101	10 SAMPLE	S96T001828	0	SLDWT-01	SOLID	<u>N/A</u>	<u>4398</u>		g
96000456	S-101	11 SAMPLE	S96T001828	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	12 SAMPLE	S96T001828	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7451

Analyst Signature

Date

CC 4-18-96
Bertrand Griffin II
4-18-96

Analyst Signature

Date

CC 4-18-96

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#

7453

Analyst: EC Instrument: BA000 Book # 1/A

Method: LO-160-103 Rev/Mod Bo

Worklist Comment: S-101 C142 SEG # 5 RISER 11 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>2000</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>50000</u>	<u>N/A</u>	
96000456	S-101	3 SAMPLE	S96T001829	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000456	S-101	4 SAMPLE	S96T001829	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	5 SAMPLE	S96T001829	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000456	S-101	6 SAMPLE	S96T001829	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	7 SAMPLE	S96T001829	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	8 SAMPLE	S96T001829	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000456	S-101	9 SAMPLE	S96T001829	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000456	S-101	10 SAMPLE	S96T001829	0	SLDWT-01	SOLID	<u>N/A</u>	<u>4813</u>		g
96000456	S-101	11 SAMPLE	S96T001829	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	12 SAMPLE	S96T001829	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7453

EC 4-18-96
Analyst Signature Date

EC 4-18-96
Analyst Signature Date

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#

7457

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod BO

Worklist Comment: S-101 C138 SEG # 6 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.03</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001822	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		mL
96000394	S-101	4 SAMPLE	S96T001822	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001822	0	EST. G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001822	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001822	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001822	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>11-1327</u>		
96000394	S-101	9 SAMPLE	S96T001822	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		mL
96000394	S-101	10 SAMPLE	S96T001822	0	SLDWT-01	SOLID	<u>N/A</u>	<u>430.2</u>		g
96000394	S-101	11 SAMPLE	S96T001822	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001822	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		mL

Final page for worklist #

7457

Analyst Signature EC Date 4-18-96

Analyst Signature EC Date 4-18-96

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#

7458

Analyst: CC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod PO

Worklist Comment: S-101 C138 SEG # 7 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001823	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		mL
96000394	S-101	4 SAMPLE	S96T001823	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001823	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001823	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001823	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001823	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001823	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		mL
96000394	S-101	10 SAMPLE	S96T001823	0	SLDWT-01	SOLID	<u>N/A</u>	<u>200.6</u>		g
96000394	S-101	11 SAMPLE	S96T001823	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001823	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		mL

Final page for worklist #

7458

Analyst Signature CC Date 4-29-96

Analyst Signature CC Date 4-29-96

Reviewed by Arthur B. Beny 5-2-96

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#

7459

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod BO

Worklist Comment: S-101 C138 SEG # 8 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001824	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000394	S-101	4 SAMPLE	S96T001824	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001824	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000394	S-101	6 SAMPLE	S96T001824	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001824	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001824	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001824	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001824	0	SLDWT-01	SOLID	<u>N/A</u>	<u>365.2</u>		g
96000394	S-101	11 SAMPLE	S96T001824	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001824	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7459

Analyst Signature EC Date 4-18-96

Analyst Signature EC Date 4-18-96

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#

7628

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod BO

Worklist Comment: S-101 C138 SEG # 3R RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.03</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001881	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>70</u>		ml
96000394	S-101	4 SAMPLE	S96T001881	0	DLIQWT01	SOLID	<u>N/A</u>	<u>97.9</u>		g
96000394	S-101	5 SAMPLE	S96T001881	0	EST. G/ML	SOLID	<u>N/A</u>	<u>1.39</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001881	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001881	0	LLIQWT01	SOLID	<u>N/A</u>	<u>LS</u>		g
96000394	S-101	8 SAMPLE	S96T001881	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001881	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001881	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	11 SAMPLE	S96T001881	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001881	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7628

SAO A 4-18-96
Analyst Signature Date
Bernard Griffin II
4-18-96

SAO A 4-18-96
Analyst Signature Date

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#

7629

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod B0

Worklist Comment: S-101 C138 SEG 3AR RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001882	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000394	S-101	4 SAMPLE	S96T001882	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001882	0	EST. G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001882	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001882	0	LLIQWT01	SOLID	<u>N/A</u>	<u><5</u>		g
96000394	S-101	8 SAMPLE	S96T001882	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001882	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001882	0	SLDWT-01	SOLID	<u>N/A</u>	<u>8.2</u>		g
96000394	S-101	11 SAMPLE	S96T001882	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001882	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7629

Analyst Signature EC Date 4-18-96

Analyst Signature EC Date 4-18-96

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#

7630

Analyst: EE Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod 80

Worklist Comment: S-101 C138 SEG # 4R RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.03</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T001883	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000394	S-101	4 SAMPLE	S96T001883	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T001883	0	EST. G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000394	S-101	6 SAMPLE	S96T001883	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T001883	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T001883	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T001883	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T001883	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	11 SAMPLE	S96T001883	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T001883	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7630

Analyst Signature Date

Beth Ann Buff
4-18-96

Analyst Signature Date

Carl A 4-18-96

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#

7674

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod BO

Worklist Comment: S-101 C142 SEG # 1 RISER 11 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>2001</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.04</u>	<u>N/A</u>	
96000456	S-101	3 SAMPLE	S96T001918	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000456	S-101	4 SAMPLE	S96T001918	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	5 SAMPLE	S96T001918	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000456	S-101	6 SAMPLE	S96T001918	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	7 SAMPLE	S96T001918	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	8 SAMPLE	S96T001918	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000456	S-101	9 SAMPLE	S96T001918	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000456	S-101	10 SAMPLE	S96T001918	0	SLDWT-01	SOLID	<u>N/A</u>	<u>352.8</u>		g
96000456	S-101	11 SAMPLE	S96T001918	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	12 SAMPLE	S96T001918	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7674

Analyst Signature Date

EC 4-18-96
Arthur J. Hoff
4-18-96

Analyst Signature Date

EC 4-18-96

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#

7675

Analyst:

EE

Instrument: BA000

Book #

NA

Method: LO-160-103 Rev/Mod

80

Worklist Comment: S-101 C142 SEG # 6 RISER 11 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.01</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.04</u>	<u>N/A</u>	
96000456	S-101	3 SAMPLE	S96T001919	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000456	S-101	4 SAMPLE	S96T001919	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	5 SAMPLE	S96T001919	0	EST.,G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000456	S-101	6 SAMPLE	S96T001919	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	7 SAMPLE	S96T001919	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	8 SAMPLE	S96T001919	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000456	S-101	9 SAMPLE	S96T001919	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000456	S-101	10 SAMPLE	S96T001919	0	SLDWT-01	SOLID	<u>N/A</u>	<u>501.7</u>		g
96000456	S-101	11 SAMPLE	S96T001919	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	12 SAMPLE	S96T001919	0	ORGVOL01	SOLID	<u>N/A</u>	<u>6</u>		ml

Final page for worklist #

7675

Analyst Signature

Date

4-18-96

Analyst Signature

Date

4-18-96

Reviewed by RK Fuller

4/18/96

Data Entry Comments:

LABCORE Data Entry Template for Worklist#

7676

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod Bo

Worklist Comment: S-101 C142 SEG 7 RISER 11 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.01</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.04</u>	<u>N/A</u>	
96000456	S-101	3 SAMPLE	S96T001920	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000456	S-101	4 SAMPLE	S96T001920	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	5 SAMPLE	S96T001920	0	EST.G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/ml
96000456	S-101	6 SAMPLE	S96T001920	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	7 SAMPLE	S96T001920	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	8 SAMPLE	S96T001920	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000456	S-101	9 SAMPLE	S96T001920	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000456	S-101	10 SAMPLE	S96T001920	0	SLDWT-01	SOLID	<u>N/A</u>	<u>521.6</u>		g
96000456	S-101	11 SAMPLE	S96T001920	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	12 SAMPLE	S96T001920	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7676

CSL 4-18-96
Analyst Signature Date

EC 4-18-96
Analyst Signature Date

Reviewed by RKF 4/18/96
Data Entry Comments:

LABCORE Data Entry Template for Worklist#

7677

Analyst: SC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod 80

Worklist Comment: S-101 C142 SEG 8 RISER 11 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.01</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.04</u>	<u>N/A</u>	
96000456	S-101	3 SAMPLE	S96T001921	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000456	S-101	4 SAMPLE	S96T001921	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	5 SAMPLE	S96T001921	0	EST. G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000456	S-101	6 SAMPLE	S96T001921	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	7 SAMPLE	S96T001921	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	8 SAMPLE	S96T001921	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000456	S-101	9 SAMPLE	S96T001921	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000456	S-101	10 SAMPLE	S96T001921	0	SLDWT-01	SOLID	<u>N/A</u>	<u>356.9</u>		g
96000456	S-101	11 SAMPLE	S96T001921	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	12 SAMPLE	S96T001921	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7677

SC 4-18-96
Analyst Signature Date

SC 4-18-96
Analyst Signature Date

Reviewed by RK Fuller 4/10/96
Data Entry Comments:

LABCORE Data Entry Template for Worklist#

7910

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod 80

Worklist Comment: S-101 C138 SEG # 9 RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.00</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T002039	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		ml
96000394	S-101	4 SAMPLE	S96T002039	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	5 SAMPLE	S96T002039	0	EST./G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000394	S-101	6 SAMPLE	S96T002039	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T002039	0	LLIQWT01	SOLID	<u>N/A</u>	<u>61.0</u>		g
96000394	S-101	8 SAMPLE	S96T002039	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1227</u>		
96000394	S-101	9 SAMPLE	S96T002039	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T002039	0	SLDWT-01	SOLID	<u>N/A</u>	<u>318.4</u>		g
96000394	S-101	11 SAMPLE	S96T002039	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T002039	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7910

Analyst Signature EC Date 4-24-96

Analyst Signature EC Date 4-24-96

Reviewed by Apple B. Boney 5-2-96

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#

7969

Analyst: EC Instrument: BA000 Book # NAMethod: LO-160-103 Rev/Mod Bo

Worklist Comment: S-101 C138 FIELD BLANK RISER 6 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.01</u>	<u>N/A</u>	
96000394	S-101	3 SAMPLE	S96T002127	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>125</u>		ml
96000394	S-101	4 SAMPLE	S96T002127	0	DLIQWT01	SOLID	<u>N/A</u>	<u>115.6</u>		g
96000394	S-101	5 SAMPLE	S96T002127	0	EST.G/ML	SOLID	<u>N/A</u>	<u>1.892</u>	<u>186</u>	g/mL
96000394	S-101	6 SAMPLE	S96T002127	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	7 SAMPLE	S96T002127	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	8 SAMPLE	S96T002127	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000394	S-101	9 SAMPLE	S96T002127	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		ml
96000394	S-101	10 SAMPLE	S96T002127	0	SLDWT-01	SOLID	<u>N/A</u>	<u>0</u>		g
96000394	S-101	11 SAMPLE	S96T002127	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000394	S-101	12 SAMPLE	S96T002127	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		ml

Final page for worklist #

7969

Analyst Signature

Date

EC 4-24-96
 Reviewed by John B. Benz 4-25-96

Analyst Signature

Date

EC 4-24-96
 4-25-96

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#

8038

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod BC

Worklist Comment: S-101 C142 SEG # 2 RISER 11 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>19.99</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>50001</u>	<u>N/A</u>	
96000456	S-101	3 SAMPLE	S96T002205	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>C</u>		mL
96000456	S-101	4 SAMPLE	S96T002205	0	DLIQWT01	SOLID	<u>N/A</u>	<u>C</u>		g
96000456	S-101	5 SAMPLE	S96T002205	0	EST. G/ML	SOLID	<u>N/A</u>	<u>C</u>		g/mL
96000456	S-101	6 SAMPLE	S96T002205	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	7 SAMPLE	S96T002205	0	LLIQWT01	SOLID	<u>N/A</u>	<u>C</u>		g
96000456	S-101	8 SAMPLE	S96T002205	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000456	S-101	9 SAMPLE	S96T002205	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		mL
96000456	S-101	10 SAMPLE	S96T002205	0	SLDWT-01	SOLID	<u>N/A</u>	<u>389.7</u>		g
96000456	S-101	11 SAMPLE	S96T002205	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	12 SAMPLE	S96T002205	0	ORGVOL01	SOLID	<u>N/A</u>	<u>C</u>		mL

Final page for worklist #

8038

EC 5-1-96
Analyst Signature Date

EC 5-1-96
Analyst Signature Date

Reviewed by Ant B. By 5-2-96

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#

8039

Analyst: EC Instrument: BA000 Book # NA

Method: LO-160-103 Rev/Mod BO

Worklist Comment: S-101 C142 SEG # 3 RISER 11 EXTRUSION

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 INSTCHK01			EXTRUD01	SOLID	<u>20</u>	<u>20.00</u>	<u>N/A</u>	
		2 INSTCHK02			EXTRUD01	SOLID	<u>500</u>	<u>500.01</u>	<u>N/A</u>	
96000456	S-101	3 SAMPLE	S96T002206	0	DLIQVOL1	SOLID	<u>N/A</u>	<u>0</u>		mL
96000456	S-101	4 SAMPLE	S96T002206	0	DLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	5 SAMPLE	S96T002206	0	EST./G/ML	SOLID	<u>N/A</u>	<u>0</u>		g/mL
96000456	S-101	6 SAMPLE	S96T002206	0	EXTRUD01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	7 SAMPLE	S96T002206	0	LLIQWT01	SOLID	<u>N/A</u>	<u>0</u>		g
96000456	S-101	8 SAMPLE	S96T002206	0	NOTEBOOK	SOLID	<u>N/A</u>	<u>N-1327</u>		
96000456	S-101	9 SAMPLE	S96T002206	0	SLDVOL01	SOLID	<u>N/A</u>	<u>NA</u>		mL
96000456	S-101	10 SAMPLE	S96T002206	0	SLDWT-01	SOLID	<u>N/A</u>	<u>386.3</u>		g
96000456	S-101	11 SAMPLE	S96T002206	0	APPEAR01	SOLID	<u>N/A</u>	<u>complete</u>		
96000456	S-101	12 SAMPLE	S96T002206	0	ORGVOL01	SOLID	<u>N/A</u>	<u>0</u>		mL

Final page for worklist #

8039

EC S-1-96
Analyst Signature Date

EC S-1-96
Analyst Signature Date

Reviewed by Ant B. By

5-2-96

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.

WHC-SD-WM-DP-185, REV. 0

SAMPLE PREPARATIONS

WHC-SD-WM-DP-185, REV. 0

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LABCORE Data Entry Template for Worklist#

7722

Analyst: AMInstrument: FUS01 SC16355

Book # _____

Method: LA-549-141 Rev/Mod F-0

Worklist Comment: S-101 C138 5U,5L,2RI FUSION01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>250</u>	N/A	g/L
96000394	S-101	2 SAMPLE	S96T001891 O F		FUSION01	SOLID	N/A	<u>1.4512</u>		g/L
96000394	S-101	3 SAMPLE	S96T001891 O F		DOSE-02	SOLID	N/A	<u>125</u>		mrad/hour
96000394	S-101	4 DUP	S96T001891 O F		FUSION01	SOLID	<u>1.4512</u>	<u>1.9380</u>	N/A	g/L
96000394	S-101	5 DUP	S96T001891 O F		DOSE-02	SOLID	<u>125</u>	<u>150</u>	N/A	mrad/hour
96000394	S-101	6 SAMPLE	S96T001902 O F		FUSION01	SOLID	N/A	<u>2.2608</u>		g/L
96000394	S-101	7 SAMPLE	S96T001902 O F		DOSE-02	SOLID	N/A	<u>200</u>		mrad/hour
96000394	S-101	8 DUP	S96T001902 O F		FUSION01	SOLID	<u>2.2608</u>	<u>2.3242</u>	N/A	g/L
96000394	S-101	9 DUP	S96T001902 O F		DOSE-02	SOLID	<u>200</u>	<u>200</u>	N/A	mrad/hour
96000394	S-101	10 SAMPLE	S96T001903 O F		FUSION01	SOLID	N/A	<u>2.0840</u>		g/L
96000394	S-101	11 SAMPLE	S96T001903 O F		DOSE-02	SOLID	N/A	<u>65</u>		mrad/hour
96000394	S-101	12 DUP	S96T001903 O F		FUSION01	SOLID	<u>2.0840</u>	<u>2.2024</u>	N/A	g/L
96000394	S-101	13 DUP	S96T001903 O F		DOSE-02	SOLID	<u>65</u>	<u>75</u>	N/A	mrad/hour

Final page for worklist #

7722

Analyst Signature AM Date 5-17-96Analyst Signature James Bar Date 5/17/96

Data Entry Comments:

S96T001889 → 1891
 98 → 1902
 99 → 1903

Reviewed by RK
5/17/96

LABCORE Data Entry Template for Worklist#

8156

Analyst: SLH SLH Instrument: FUS01 Book # Method: LA-549-141 Rev/Mod F-O

Worklist Comment: S-101 C138 3AR,6U,6L FUSIONS01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>0.250</u>	<u>N/A</u>	<u>g/L</u>
96000394	S-101	2 SAMPLE <u>0.5036g → 0.250g</u>	S96T002040	0 F	FUSION01	SOLID	<u>N/A</u>	<u>2.0144</u>		<u>g/L</u>
96000394	S-101	3 SAMPLE	S96T002040	0 F	DOSE-02	SOLID	<u>N/A</u>	<u>75</u>		<u>mrad/hour</u>
96000394	S-101	4 DUP <u>0.5374g → 0.250g</u>	S96T002040	0 F	FUSION01	SOLID	<u>2.0144</u>	<u>2.1496</u>	<u>N/A</u>	<u>g/L</u>
96000394	S-101	5 DUP	S96T002040	0 F	DOSE-02	SOLID	<u>75</u>	<u>75</u>	<u>N/A</u>	<u>mrad/hour</u>
96000394	S-101	6 SAMPLE <u>0.5346g → 0.250g</u>	S96T002045	0 F	FUSION01	SOLID	<u>N/A</u>	<u>2.1384</u>		<u>g/L</u>
96000394	S-101	7 SAMPLE	S96T002045	0 F	DOSE-02	SOLID	<u>N/A</u>	<u>200</u>		<u>mrad/hour</u>
96000394	S-101	8 DUP <u>0.5435g → 0.250g</u>	S96T002045	0 F	FUSION01	SOLID	<u>2.1384</u>	<u>2.1740</u>	<u>N/A</u>	<u>g/L</u>
96000394	S-101	9 DUP	S96T002045	0 F	DOSE-02	SOLID	<u>200</u>	<u>150</u>	<u>N/A</u>	<u>mrad/hour</u>
96000394	S-101	10 SAMPLE <u>0.4942g → 0.250g</u>	S96T002047	0 F	FUSION01	SOLID	<u>N/A</u>	<u>1.9768</u>		<u>g/L</u>
96000394	S-101	11 SAMPLE	S96T002047	0 F	DOSE-02	SOLID	<u>N/A</u>	<u>150</u>		<u>mrad/hour</u>
96000394	S-101	12 DUP <u>0.5375g → 0.250g</u>	S96T002047	0 F	FUSION01	SOLID	<u>1.9768</u>	<u>2.1560</u>	<u>N/A</u>	<u>g/L</u>
96000394	S-101	13 DUP	S96T002047	0 F	DOSE-02	SOLID	<u>150</u>	<u>200</u>	<u>N/A</u>	<u>mrad/hour</u>

Final page for worklist #

8156

Analyst Signature Sandra L. Hard Beatright

Date

5-21-96Analyst Signature Jason B.

Date

5/22/96

S96T002001 → S96T002140
1953 → 2045
1959 → 2047

Data Entry Comments:

weighed out 5/20/96 ADPReviewed by RK Fuller 5/22/96

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#

8157

Analyst: ADP Instrument: FUS01 Book # —

Method: LA-549-141 Rev/Mod F-0

Worklist Comment: S-101 C138 8U,8L FUSIONS01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>0.250</u>	<u>N/A</u>	g/L
96000394	S-101	2 SAMPLE	S96T002046	0 F	FUSION01	SOLID	<u>N/A</u>	<u>1.9976</u>		g/L
96000394	S-101	3 SAMPLE	S96T002046	0 F	DOSE-02	SOLID	<u>N/A</u>	<u>310</u>		mrad/hour
96000394	S-101	4 DUP	S96T002046	0 F	FUSION01	SOLID	<u>1.9976</u>	<u>1.9652</u>	<u>N/A</u>	g/L
96000394	S-101	5 DUP	S96T002046	0 F	DOSE-02	SOLID	<u>310</u>	<u>445</u>	<u>N/A</u>	mrad/hour
96000394	S-101	6 SAMPLE	S96T002048	0 F	FUSION01	SOLID	<u>N/A</u>	<u>2168</u>		g/L
96000394	S-101	7 SAMPLE	S96T002048	0 F	DOSE-02	SOLID	<u>N/A</u>	<u>750</u>		mrad/hour
96000394	S-101	8 DUP	S96T002048	0 F	FUSION01	SOLID	<u>2168</u>	<u>2.0092</u>	<u>N/A</u>	g/L
96000394	S-101	9 DUP	S96T002048	0 F	DOSE-02	SOLID	<u>750</u>	<u>350</u>	<u>N/A</u>	mrad/hour

Final page for worklist #

8157

ADP Ortho-Puritan 5-22-96
Analyst Signature Date

Skinner Dec. 5/22/96
Analyst Signature Date

S96T002004 → S96T002046
S96T002005 → S96T002048

Data Entry Comments:

weighed out 5-20-96 ADP Reviewed by RK full spk

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#

8236

Analyst: ADP Instrument: FUS01 Book #

Method: LA-549-141 Rev/Mod F-O

Worklist Comment: S-101 C138 7U,7L,9U,9L FUSION01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	1	0.250	N/A	g/L
96000394	S-101	2 SAMPLE	S96T002193 0 F		FUSION01	SOLID	N/A	1.9688		g/L
		0.4922g → 0.250								
96000394	S-101	3 SAMPLE	S96T002193 0 F		DOSE-02	SOLID	N/A	250		mrad/hour
96000394	S-101	4 DUP	S96T002193 0 F		FUSION01	SOLID	1.9688	1.9300	N/A	g/L
		0.4825g → 0.250								
96000394	S-101	5 DUP	S96T002193 0 F		DOSE-02	SOLID	250	250	N/A	mrad/hour
96000394	S-101	6 SAMPLE	S96T002194 0 F		FUSION01	SOLID	N/A	2.1250		g/L
		0.5320g → 0.250								
96000394	S-101	7 SAMPLE	S96T002194 0 F		DOSE-02	SOLID	N/A	400		mrad/hour
96000394	S-101	8 DUP	S96T002194 0 F		FUSION01	SOLID	2.1250	2.0016	N/A	g/L
		0.5004g → 0.250								
96000394	S-101	9 DUP	S96T002194 0 F		DOSE-02	SOLID	400	400	N/A	mrad/hour
96000394	S-101	10 SAMPLE	S96T002199 0 F		FUSION01	SOLID	N/A	1.9272		g/L
		0.4818g → 0.250								
96000394	S-101	11 SAMPLE	S96T002199 0 F		DOSE-02	SOLID	N/A	150		mrad/hour
96000394	S-101	12 DUP	S96T002199 0 F		FUSION01	SOLID	1.9272	1.9752	N/A	g/L
		0.4936g → 0.250								
96000394	S-101	13 DUP	S96T002199 0 F		DOSE-02	SOLID	150	150	N/A	mrad/hour
96000394	S-101	14 SAMPLE	S96T002202 0 F		FUSION01	SOLID	N/A	2.0544		g/L
		0.5138g → 0.250								
96000394	S-101	15 SAMPLE	S96T002202 0 F		DOSE-02	SOLID	N/A	300		mrad/hour
96000394	S-101	16 DUP	S96T002202 0 F		FUSION01	SOLID	2.0544	2.0472	N/A	g/L
		0.5118g → 0.250								
96000394	S-101	17 DUP	S96T002202 0 F		DOSE-02	SOLID	300	250	N/A	mrad/hour

596T002167 → 596T002193
 2166 → 2202
 2176 → 2194
 2177 → 2199

Data Entry Comments:

Winged out 5/23/96

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#

8236

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
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Final page for worklist #

8236

Analyst Signature [Signature] Date 5-22-96

Analyst Signature [Signature] Date 5/22/96

Data Entry Comments:

Reviewed by PK full 5/22/96

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#

8256

Analyst:

QAM

Instrument: FUS01

Book #

Method: LA-549-141 Rev/Mod

F-0

Worklist Comment: TANK#S101,CORE 142,SEG 1UH,2UH,2LH RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>250</u>	N/A	g/L
96000456	S-101	2 SAMPLE	S96T002090	0 F	FUSION01	SOLID	N/A	<u>1.9944</u>		g/L
		<u>0.4986g</u>								
96000456	S-101	3 SAMPLE	S96T002090	0 F	DOSE-02	SOLID	N/A	<u>35</u>		mrad/hour
96000456	S-101	4 DUP	S96T002090	0 F	FUSION01	SOLID	<u>1.9944</u>	<u>2.0008</u>	N/A	g/L
		<u>0.5002g</u>								
96000456	S-101	5 DUP	S96T002090	0 F	DOSE-02	SOLID	<u>35</u>	<u>50</u>	N/A	mrad/hour
96000456	S-101	6 SAMPLE	S96T002310	0 F	FUSION01	SOLID	N/A	<u>2.1860</u>		g/L
		<u>0.5465g</u>								
96000456	S-101	7 SAMPLE	S96T002310	0 F	DOSE-02	SOLID	N/A	<u>65</u>		mrad/hour
96000456	S-101	8 DUP	S96T002310	0 F	FUSION01	SOLID	<u>2.1860</u>	<u>2.2208</u>	N/A	g/L
		<u>0.5552g</u>								
96000456	S-101	9 DUP	S96T002310	0 F	DOSE-02	SOLID	<u>65</u>	<u>50</u>	N/A	mrad/hour
96000456	S-101	10 SAMPLE	S96T002316	0 F	FUSION01	SOLID	N/A	<u>2.0120</u>		g/L
		<u>0.5030g</u>								
96000456	S-101	11 SAMPLE	S96T002316	0 F	DOSE-02	SOLID	N/A	<u>60</u>		mrad/hour
96000456	S-101	12 DUP	S96T002316	0 F	FUSION01	SOLID	<u>2.0120</u>	<u>2.0244</u>	N/A	g/L
		<u>0.5061g</u>								
96000456	S-101	13 DUP	S96T002316	0 F	DOSE-02	SOLID	<u>60</u>	<u>50</u>	N/A	mrad/hour

Final page for worklist #

8256

QAM
Analyst Signature

5-28-96
Date

Susan Bu
Analyst Signature

5/28/96
Date

2.96760 2068 → 596T002090
2302 → 2310
2303 → 2316

Data Entry Comments:

Weighed out 5/23/96 RK Fuller / Andy Berthel

Home con HNO₃, 5190 00100

HPT - Gerry Gunnskey

Reviewed by RK Fuller 5/27/96

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#

8257

Analyst: JAM Instrument: FUS01 Book # _____

Method: LA-549-141 Rev/Mod F-0

Worklist Comment: TANK#S101,CORE 142,SEG 3UH,3LH,4UH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>.250</u>	<u>N/A</u>	g/L
96000456	S-101	2 SAMPLE <u>0.5080g</u>	S96T002311 0 F <u>→ .2501</u>		FUSION01	SOLID	<u>N/A</u>	<u>2.0320</u>		g/L
96000456	S-101	3 SAMPLE	S96T002311 0 F		DOSE-02	SOLID	<u>N/A</u>	<u>60</u>		mrad/hour
96000456	S-101	4 DUP <u>0.4984g</u>	S96T002311 0 F <u>→ .2501</u>		FUSION01	SOLID	<u>2.0320</u>	<u>1.936</u>	<u>N/A</u>	g/L
96000456	S-101	5 DUP	S96T002311 0 F		DOSE-02	SOLID	<u>60</u>	<u>60</u>	<u>N/A</u>	mrad/hour
96000456	S-101	6 SAMPLE <u>0.5247g</u>	S96T002319 0 F <u>→ .2501</u>		FUSION01	SOLID	<u>N/A</u>	<u>2.0988</u>		g/L
96000456	S-101	7 SAMPLE	S96T002319 0 F		DOSE-02	SOLID	<u>N/A</u>	<u>60</u>		mrad/hour
96000456	S-101	8 DUP <u>0.5372g</u>	S96T002319 0 F <u>→ .2501</u>		FUSION01	SOLID	<u>2.0988</u>	<u>2.1488</u>	<u>N/A</u>	g/L
96000456	S-101	9 DUP	S96T002319 0 F		DOSE-02	SOLID	<u>60</u>	<u>65</u>	<u>N/A</u>	mrad/hour
96000456	S-101	10 SAMPLE <u>0.5080g</u>	S96T002092 0 F <u>→ .2501</u>		FUSION01	SOLID	<u>N/A</u>	<u>2.0344</u>		g/L
96000456	S-101	11 SAMPLE	S96T002092 0 F		DOSE-02	SOLID	<u>N/A</u>	<u>50</u>		mrad/hour
96000456	S-101	12 DUP <u>0.5137g</u>	S96T002092 0 F <u>→ .2501</u>		FUSION01	SOLID	<u>2.0344</u>	<u>2.0528</u>	<u>N/A</u>	g/L
96000456	S-101	13 DUP	S96T002092 0 F		DOSE-02	SOLID	<u>50</u>	<u>50</u>	<u>N/A</u>	mrad/hour

Final page for worklist #

8257

JAMurphy 5-28-96
Analyst Signature Date

Susan Bee 5/29/96
Analyst Signature Date

546TH 2304 → 546TH 2311
2305 → 2319
2069 → 2092

Data Entry Comments:

Weighed out 4/23/96 RAZ/Geny Boetright 40ml con #NDs, 10% solids

HPT-Gerry Genuerley

Reviewed by RK Fuchs 5/29/96

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#

8258

Analyst: YAM Instrument: FUS01 Book # _____

Method: LA-549-141 Rev/Mod F-D

Worklist Comment: TANK#S101,CORE 142,SEG 4LH,5UH,5LH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>.250</u>	N/A	g/L
96000456	S-101	2 SAMPLE <u>0.5136g</u>	S96T002105 O F <i>(some crust)</i>		FUSION01	SOLID	N/A	<u>2.0544</u>		g/L
96000456	S-101	3 SAMPLE	S96T002105 O F		DOSE-02	SOLID	N/A	<u>150</u>		mrad/hour
96000456	S-101	4 DUP <u>0.4974g</u>	S96T002105 O F		FUSION01	SOLID	<u>2.0544</u>	<u>1.9896</u>	N/A	g/L
96000456	S-101	5 DUP	S96T002105 O F		DOSE-02	SOLID	<u>150</u>	<u>100</u>	N/A	mrad/hour
96000456	S-101	6 SAMPLE <u>0.5295g</u>	S96T002093 O F		FUSION01	SOLID	N/A	<u>2.1180</u>		g/L
96000456	S-101	7 SAMPLE	S96T002093 O F		DOSE-02	SOLID	N/A	<u>200</u>		mrad/hour
96000456	S-101	8 DUP <u>0.5477g</u>	S96T002093 O F		FUSION01	SOLID	<u>2.1180</u>	<u>2.1908</u>	N/A	g/L
96000456	S-101	9 DUP	S96T002093 O F		DOSE-02	SOLID	<u>200</u>	<u>150</u>	N/A	mrad/hour
96000456	S-101	10 SAMPLE <u>0.5013g</u>	S96T002106 O F		FUSION01	SOLID	N/A	<u>2.0052</u>		g/L
96000456	S-101	11 SAMPLE	S96T002106 O F		DOSE-02	SOLID	N/A	<u>225</u>		mrad/hour
96000456	S-101	12 DUP <u>0.5473g</u>	S96T002106 O F		FUSION01	SOLID	<u>2.0052</u>	<u>2.1892</u>	N/A	g/L
96000456	S-101	13 DUP	S96T002106 O F		DOSE-02	SOLID	<u>225</u>	<u>200</u>	N/A	mrad/hour

Final page for worklist #

8258

YAM 5-28-96
Analyst Signature Date

Susan Bee 5/28/96
Analyst Signature Date

396T002070 → 396T002105 (some crust sample/dup?)
3071 → 3093
3072 → 3106

Weighted out 5/23/96 Rkt/Sandy Bechtel

Data Entry Comments:

May have problems with sample and dup on #2105 because of some crust on one of the sample (not the dup). 40me con HNO₃, <1900 D/L's

HPT-Germy Gunnskey

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#

8259

Analyst: CAM Instrument: FUS01 Book # _____

Method: LA-549-141 Rev/Mod E-0

Worklist Comment: TANK#S101,CORE 142,SEG 6UH,6LH,7UH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>.250</u>	<u>N/A</u>	<u>g/L</u>
96000456	S-101	2 SAMPLE <u>0.4945g</u>	S96T002094 O F → <u>.250</u>		FUSION01	SOLID	<u>N/A</u>	<u>1.9780</u>		<u>g/L</u>
96000456	S-101	3 SAMPLE	S96T002094 O F		DOSE-02	SOLID	<u>N/A</u>	<u>250</u>		<u>mrad/hour</u>
96000456	S-101	4 DUP <u>0.5059g</u>	S96T002094 O F → <u>.250</u>		FUSION01	SOLID	<u>1.9780</u>	<u>2.0256</u>	<u>N/A</u>	<u>g/L</u>
96000456	S-101	5 DUP	S96T002094 O F		DOSE-02	SOLID	<u>250</u>	<u>225</u>	<u>N/A</u>	<u>mrad/hour</u>
96000456	S-101	6 SAMPLE <u>0.4972g</u>	S96T002091 O F → <u>.250</u>		FUSION01	SOLID	<u>N/A</u>	<u>1.9888</u>		<u>g/L</u>
96000456	S-101	7 SAMPLE	S96T002091 O F		DOSE-02	SOLID	<u>N/A</u>	<u>220</u>		<u>mrad/hour</u>
96000456	S-101	8 DUP <u>0.5009g</u>	S96T002091 O F → <u>.250</u>		FUSION01	SOLID	<u>1.9888</u>	<u>2.0036</u>	<u>N/A</u>	<u>g/L</u>
96000456	S-101	9 DUP	S96T002091 O F		DOSE-02	SOLID	<u>220</u>	<u>225</u>	<u>N/A</u>	<u>mrad/hour</u>
96000456	S-101	10 SAMPLE <u>0.5159g</u>	S96T002095 O F → <u>.250</u>		FUSION01	SOLID	<u>N/A</u>	<u>2.0636</u>		<u>g/L</u>
96000456	S-101	11 SAMPLE	S96T002095 O F		DOSE-02	SOLID	<u>N/A</u>	<u>225</u>		<u>mrad/hour</u>
96000456	S-101	12 DUP <u>0.5109g</u>	S96T002095 O F → <u>.250</u>		FUSION01	SOLID	<u>2.0636</u>	<u>2.0436</u>	<u>N/A</u>	<u>g/L</u>
96000456	S-101	13 DUP	S96T002095 O F		DOSE-02	SOLID	<u>225</u>	<u>250</u>	<u>N/A</u>	<u>mrad/hour</u>

Final page for worklist #

8259

CAM Murphy 5-28-96
Analyst Signature Date

Susan Bee 5/28/96
Analyst Signature Date

596T002073 → 596T002094
2075 → 2095
2074 → 2091

Data Entry Comments:

Weighted out on 5/23/96 by RKT/Lundy Beatty 40ml HNO₃, <10% solids

HPT-Gray Gunnis Key

Reviewed by RKT Fulber 5/29/96

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#

8260

Analyst: GRM Instrument: FUS01 Book # _____

Method: LA-549-141 Rev/Mod F-0

Worklist Comment: TANK#S101,CORE 142,SEG 7LH,8UH,8LH RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>.250</u>	<u>N/A</u>	g/L
96000456	S-101	2 SAMPLE <u>0.4778g</u>	S96T002107 O F <u>→ .250l</u>		DOSE-02	SOLID	<u>N/A</u>	<u>1.9112</u>		mrad/hour
96000456	S-101	3 SAMPLE	S96T002107 O F		FUSION01	SOLID	<u>N/A</u>	<u>200</u>		g/L
96000456	S-101	4 DUP <u>0.4715g</u>	S96T002107 O F <u>→ .250l</u>		FUSION01	SOLID	<u>1.9112</u>	<u>1.8860</u>	<u>N/A</u>	g/L
96000456	S-101	5 DUP	S96T002107 O F		DOSE-02	SOLID	<u>800</u>	<u>350</u>	<u>N/A</u>	mrad/hour
96000456	S-101	6 SAMPLE <u>0.5753g</u>	S96T002096 O F <u>→ .250l</u>		FUSION01	SOLID	<u>N/A</u>	<u>2.0612</u>		g/L
96000456	S-101	7 SAMPLE	S96T002096 O F		DOSE-02	SOLID	<u>N/A</u>	<u>375</u>		mrad/hour
96000456	S-101	8 DUP <u>0.5164g</u>	S96T002096 O F <u>→ .250l</u>		FUSION01	SOLID	<u>2.0612</u>	<u>2.0676</u>	<u>N/A</u>	g/L
96000456	S-101	9 DUP	S96T002096 O F		DOSE-02	SOLID	<u>375</u>	<u>400</u>	<u>N/A</u>	mrad/hour
96000456	S-101	10 SAMPLE <u>0.5022g</u>	S96T002108 O F <u>→ .250l</u>		FUSION01	SOLID	<u>N/A</u>	<u>2.0088</u>		g/L
96000456	S-101	11 SAMPLE	S96T002108 O F		DOSE-02	SOLID	<u>N/A</u>	<u>350</u>		mrad/hour
96000456	S-101	12 DUP <u>0.5137g</u>	S96T002108 O F <u>→ .250l</u>		FUSION01	SOLID	<u>2.0088</u>	<u>2.0548</u>	<u>N/A</u>	g/L
96000456	S-101	13 DUP	S96T002108 O F		DOSE-02	SOLID	<u>350</u>	<u>450</u>	<u>N/A</u>	mrad/hour

Final page for worklist #

8260

GRM 5-28-96
Analyst Signature Date

Susan Bee 5/28/96
Analyst Signature Date

S96T002096 → S96T002107
2077 → 2096
2078 → 2108

Data Entry Comments:

Weighted out 5/23/96 Rk4/Sing/Tony 40ml con + NO₃, 19% Solids
HPT - Gerry Gunnskey

Reviewed by RK Felle 5/29/96

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#

8649

Analyst: CRAM Instrument: FUS01 3016355 Book # _____

Method: LA-549-141 Rev/Mod F-0

Worklist Comment: S-101 C138,142 COMP. FUSION01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			FUSION01	SOLID	<u>1</u>	<u>250</u>	N/A	g/L
96000394	S-101	2 SAMPLE	S96T002723	0 F	FUSION01	SOLID	N/A	<u>1.9600</u>		g/L
		<u>0.4900g</u> →			<u>2508</u>					
96000394	S-101	3 SAMPLE	S96T002723	0 F	DOSE-02	SOLID	N/A	<u>170</u>		mrad/hour
96000394	S-101	4 DUP	S96T002723	0 F	FUSION01	SOLID	<u>1.9600</u>	<u>1.8388</u>	N/A	g/L
		<u>0.4722g</u> →			<u>2508</u>					
96000394	S-101	5 DUP	S96T002723	0 F	DOSE-02	SOLID	<u>170</u>	<u>170</u>	N/A	mrad/hour
96000456	S-101	6 SAMPLE	S96T002731	0 F	FUSION01	SOLID	N/A	<u>2.0036</u>		g/L
		<u>0.5024g</u> →			<u>2508</u>					
96000456	S-101	7 SAMPLE	S96T002731	0 F	DOSE-02	SOLID	N/A	<u>125</u>		mrad/hour
96000456	S-101	8 DUP	S96T002731	0 F	FUSION01	SOLID	<u>2.0036</u>	<u>1.9484</u>	N/A	g/L
		<u>0.4871g</u> →			<u>2508</u>					
96000456	S-101	9 DUP	S96T002731	0 F	DOSE-02	SOLID	<u>125</u>	<u>125</u>	N/A	mrad/hour

Final page for worklist #

8649

CRAM 6-13-93
Analyst Signature Date

Jason Bee 6/14/96
Analyst Signature Date

S96T002721 → 2723
2728 → 2731

Data Entry Comment:

APT-Jim Evans , Reviewed by Rk Zells
40ml con HNO₃, <190000d 6/14/96

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#

7725

Analyst:

OM

Instrument:

H2001 *SN1155*

Book #

Method: LA-504-101 Rev/Mod *E-C*

Worklist Comment: S-101 C138 5U,5L,2RI H2ODIG01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	<i>1</i>	<i>100</i>	N/A	g/L
96000394	S-101	2 SAMPLE	S96T001893 O W		H2ODIG01	SOLID	N/A	<i>5.8560</i>		g/L
96000394	S-101	3 SAMPLE	S96T001893 O W		DOSE-02	SOLID	N/A	<i>75</i>		mrad/hour
96000394	S-101	4 DUP	S96T001893 O W		H2ODIG01	SOLID	<i>5.8560</i>	<i>5.4510</i>	N/A	g/L
96000394	S-101	5 DUP	S96T001893 O W		DOSE-02	SOLID	<i>75</i>	<i>55</i>	N/A	mrad/hour
96000394	S-101	6 SAMPLE	S96T001906 O W		H2ODIG01	SOLID	N/A	<i>5.3450</i>		g/L
96000394	S-101	7 SAMPLE	S96T001906 O W		DOSE-02	SOLID	N/A	<i>225</i>		mrad/hour
96000394	S-101	8 DUP	S96T001906 O W		H2ODIG01	SOLID	<i>5.3450</i>	<i>5.8540</i>	N/A	g/L
96000394	S-101	9 DUP	S96T001906 O W		DOSE-02	SOLID	<i>225</i>	<i>150</i>	N/A	mrad/hour
96000394	S-101	10 SAMPLE	S96T001907 O W		H2ODIG01	SOLID	N/A	<i>4.7490</i>		g/L
96000394	S-101	11 SAMPLE	S96T001907 O W		DOSE-02	SOLID	N/A	<i>35</i>		mrad/hour
96000394	S-101	12 DUP	S96T001907 O W		H2ODIG01	SOLID	<i>4.7490</i>	<i>4.9950</i>	N/A	g/L
96000394	S-101	13 DUP	S96T001907 O W		DOSE-02	SOLID	<i>35</i>	<i>30</i>	N/A	mrad/hour

Final page for worklist #

7725

OM
Analyst Signature

5-16-96
Date

Scam Bee
Analyst Signature

5/28/96
Date

S96T001889 → 1893
98 → 1906
99 → 1907

Data Entry Comments:

Reviewed by PK Fuller
5/29/96

LABCORE Data Entry Template for Worklist#

8159

Analyst: ADP QAM Instrument: H2O01 SW16350 Book # _____

Method: LA-504-101 Rev/Mod E-O

Worklist Comment: S-101 C138 6U,6L H2ODIG01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	<u>1</u>	<u>.100</u>	<u>N/A</u>	g/L
96000394	S-101	2 SAMPLE	S96T002053 0 W		H2ODIG01	SOLID	<u>N/A</u>	<u>5.0250</u>		g/L
		<u>0.5225g</u> → <u>.100g</u>								
96000394	S-101	3 SAMPLE	S96T002053 0 W		DOSE-02	SOLID	<u>N/A</u>	<u>175</u>		mrad/hour
96000394	S-101	4 DUP	S96T002053 0 W		H2ODIG01	SOLID	<u>5.0250</u>	<u>5.2180</u>	<u>N/A</u>	g/L
		<u>0.5218g</u> → <u>.100g</u>								
96000394	S-101	5 DUP	S96T002053 0 W		DOSE-02	SOLID	<u>175</u>	<u>30</u>	<u>N/A</u>	mrad/hour
96000394	S-101	6 SAMPLE	S96T002054 0 W		H2ODIG01	SOLID	<u>N/A</u>	<u>5.3050</u>		g/L
		<u>0.5305g</u> → <u>.100g</u>								
96000394	S-101	7 SAMPLE	S96T002054 0 W		DOSE-02	SOLID	<u>N/A</u>	<u>25</u>		mrad/hour
96000394	S-101	8 DUP	S96T002054 0 W		H2ODIG01	SOLID	<u>5.3050</u>	<u>5.0000</u>	<u>N/A</u>	g/L
		<u>0.5200g</u> → <u>.100g</u>								
96000394	S-101	9 DUP	S96T002054 0 W		DOSE-02	SOLID	<u>25</u>	<u>30</u>	<u>N/A</u>	mrad/hour

Final page for worklist #

8159

[Signature]
Analyst Signature Date 5-22-96

[Signature]
Analyst Signature Date 5/28/96

596T001958 → 596T002053
1959 → 2054

Data Entry Comments:

assigned at 5/20/96 ADP

Reviewed by RKF/5/29/96

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#

8161

Analyst:

GRAM

Instrument:

H2001 SAL6355

Book #

Method: LA-504-101 Rev/Mod E-D

Worklist Comment: S-101 C138 8U,8L H2ODIG01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2001G01	SOLID	<u>1</u>	<u>.100</u>	N/A	g/L
96000394	S-101	2 SAMPLE	S96T002055 0 W		H2001G01	SOLID	N/A	<u>5.1520</u>		g/L
		0.5152g → .1000								
96000394	S-101	3 SAMPLE	S96T002055 0 W		DOSE-02	SOLID	N/A	<u>315</u>		mrad/hour
96000394	S-101	4 DUP	S96T002055 0 W		H2001G01	SOLID	<u>5.1520</u>	<u>5.1340</u>	N/A	g/L
		0.5134g → .1000								
96000394	S-101	5 DUP	S96T002055 0 W		DOSE-02	SOLID	<u>315</u>	<u>15</u>	N/A	mrad/hour
96000394	S-101	6 SAMPLE	S96T002056 0 W		H2001G01	SOLID	N/A	<u>5.4110</u>		g/L
		0.5411g → .1000								
96000394	S-101	7 SAMPLE	S96T002056 0 W		DOSE-02	SOLID	N/A	<u>17</u>		mrad/hour
96000394	S-101	8 DUP	S96T002056 0 W		H2001G01	SOLID	<u>5.4110</u>	<u>5.4490</u>	N/A	g/L
		0.5449g → .1000								
96000394	S-101	9 DUP	S96T002056 0 W		DOSE-02	SOLID	<u>17</u>	<u>17</u>	N/A	mrad/hour

Final page for worklist #

8161

Sandra J. Hord Beatty, et

Analyst Signature

Date

5/22/96

Susan Bee

Analyst Signature

Date

5/28/96

S96T002004 → S96T002055
3015 → 2056

Data Entry Comments:

weighed out 5/20/96 x413

Reviewed by RK fuchs 5/29/96

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#

8234

Analyst: SLH (JAM) Instrument: H2001 3N16355 Book #

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: S-101 C138 7U,7L H2ODIG01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	<u>1</u>	<u>.100</u>	N/A	g/L
96000394	S-101	2 SAMPLE <u>0.5705g</u>	S96T002197	0 W	H2ODIG01	SOLID	N/A	<u>5.7050</u>		g/L
96000394	S-101	3 SAMPLE <u>→ .100g</u>	S96T002197	0 W	DOSE-02	SOLID	N/A	<u>350</u>		mrad/hour
96000394	S-101	4 DUP <u>0.5710g</u>	S96T002197	0 W	H2ODIG01	SOLID	<u>5.7050</u>	<u>5.7100</u>	N/A	g/L
96000394	S-101	5 DUP <u>→ .100g</u>	S96T002197	0 W	DOSE-02	SOLID	<u>350</u>	<u>350</u>	N/A	mrad/hour
96000394	S-101	6 SAMPLE <u>0.5339g</u>	S96T002204	0 W	H2ODIG01	SOLID	N/A	<u>5.3340</u>		g/L
96000394	S-101	7 SAMPLE <u>→ .100g</u>	S96T002204	0 W	DOSE-02	SOLID	N/A	<u>450</u>		mrad/hour
96000394	S-101	8 DUP <u>0.4774g</u>	S96T002204	0 W	H2ODIG01	SOLID	<u>5.3340</u>	<u>4.7740</u>	N/A	g/L
96000394	S-101	9 DUP <u>→ .100g</u>	S96T002204	0 W	DOSE-02	SOLID	<u>450</u>	<u>350</u>	N/A	mrad/hour

Final page for worklist #

8234

Analyst Signature Sandra J. Hard Peartight
Date 5-22-96

Analyst Signature Susan Bee Date 5/28/96

596T002167 → 596T002197
2166 → 2204

Data Entry Comments:

Weighted out 5/29/96 R&T

Reviewed by R. F. Teller 5/29/96

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#

8235

Analyst: ADP QAM

Instrument: H2001 SWLS55

Book # _____

Method: LA-504-101 Rev/Mod E-D

Worklist Comment: S-101 C138 9U,9L H2ODIG01 SKB

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	<u>1</u>	<u>100</u>	<u>N/A</u>	g/L
96000394	S-101	2 SAMPLE	S96T002198	0 W	H2ODIG01	SOLID	<u>N/A</u>	<u>4.2960</u>		g/L
		<u>0.4296 g → .1000</u>								
96000394	S-101	3 SAMPLE	S96T002198	0 W	DOSE-02	SOLID	<u>N/A</u>	<u>300</u>		mrad/hour
96000394	S-101	4 DUP	S96T002198	0 W	H2ODIG01	SOLID	<u>4.2960</u>	<u>4.8970</u>	<u>N/A</u>	g/L
		<u>0.4847 g → .1000</u>								
96000394	S-101	5 DUP	S96T002198	0 W	DOSE-02	SOLID	<u>300</u>	<u>150</u>	<u>N/A</u>	mrad/hour
96000394	S-101	6 SAMPLE	S96T002201	0 W	H2ODIG01	SOLID	<u>N/A</u>	<u>4.2570</u>		g/L
		<u>0.4257 g → .1000</u>								
96000394	S-101	7 SAMPLE	S96T002201	0 W	DOSE-02	SOLID	<u>N/A</u>	<u>45</u>		mrad/hour
96000394	S-101	8 DUP	S96T002201	0 W	H2ODIG01	SOLID	<u>4.2570</u>	<u>4.1870</u>	<u>N/A</u>	g/L
		<u>0.4187 g → .1000</u>								
96000394	S-101	9 DUP	S96T002201	0 W	DOSE-02	SOLID	<u>45</u>	<u>20</u>	<u>N/A</u>	mrad/hour

Final page for worklist #

8235

Analyst Signature 5-22-96
Date

Analyst Signature 5/28/96
Date

S96T002176 → S96T002198
2177 → 2201

Data Entry Comments:

Weighted out 5/25/96 RKT

Reviewed by Rk Falls 5/27/96

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.

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LABCORE Data Entry Template for Worklist#

8272

Analyst: JAM Instrument: H2O01 Book # _____Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TANK#S101,CORE 142,SEG 1UH,2UH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	<u>1</u>	<u>100</u>	N/A	g/L
96000456	S-101	2 SAMPLE	S96T002099 0 W		H2ODIG01	SOLID	N/A	<u>5.2080</u>		g/L
		<u>0.5208g</u> → <u>.1000</u>								
96000456	S-101	3 SAMPLE	S96T002099 0 W		DOSE-02	SOLID	N/A	<u>5</u>		mrads/hour
96000456	S-101	4 DUP	S96T002099 0 W		H2ODIG01	SOLID	<u>5.2080</u>	<u>5.0210</u>	N/A	g/L
		<u>0.5021g</u> → <u>.1000</u>								
96000456	S-101	5 DUP	S96T002099 0 W		DOSE-02	SOLID	<u>5</u>	<u>7.5</u>	N/A	mrads/hour
96000456	S-101	6 SAMPLE	S96T002314 0 W		H2ODIG01	SOLID	N/A	<u>5.3510</u>		g/L
		<u>0.5351g</u> → <u>.1000</u>								
96000456	S-101	7 SAMPLE	S96T002314 0 W		DOSE-02	SOLID	N/A	<u>5</u>		mrads/hour
96000456	S-101	8 DUP	S96T002314 0 W		H2ODIG01	SOLID	<u>5.3510</u>	<u>5.2440</u>	N/A	g/L
		<u>0.5249g</u> → <u>.1000</u>								
96000456	S-101	9 DUP	S96T002314 0 W		DOSE-02	SOLID	<u>5</u>	<u>5</u>	N/A	mrads/hour

Final page for worklist #

8272

Analyst Signature: JAM Date: 5-31-96Analyst Signature: Susan Bu Date: 5/31/96

S96T002068 → S96T002099
2302 → 2314

Data Entry Comments:

Weighed out 5/23/96 R47/Sandy Botright

Reviewed by RK Fuller

HPT - Gerry Gurnusky

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#

8273

Analyst: QAM **Instrument:** H2001 **Book #** _____

Method: LA-504-101 Rev/Mod E-O

Worklist Comment: TANK#S101,CORE 142,SEG 2LH,3UH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP				H2001G01	SOLID	<u>1</u> <u>.100</u>	N/A	g/L
96000456	S-101	2 SAMPLE	S96T002318 0 W			H2001G01	SOLID	N/A <u>5.3200</u>		g/L
		<u>0.5320g</u> → <u>.1001</u>								
96000456	S-101	3 SAMPLE	S96T002318 0 W			DOSE-02	SOLID	N/A <u>2.5</u>		mrad/hour
96000456	S-101	4 DUP	S96T002318 0 W			H2001G01	SOLID	<u>5.3200</u> <u>5.2070</u>	N/A	g/L
		<u>0.5207g</u> → <u>.1001</u>								
96000456	S-101	5 DUP	S96T002318 0 W			DOSE-02	SOLID	<u>2.5</u> <u>5</u>	N/A	mrad/hour
96000456	S-101	6 SAMPLE	S96T002315 0 W			H2001G01	SOLID	N/A <u>5.0030</u>		g/L
		<u>0.5003g</u> → <u>.1001</u>								
96000456	S-101	7 SAMPLE	S96T002315 0 W			DOSE-02	SOLID	N/A <u>25</u>		mrad/hour
96000456	S-101	8 DUP	S96T002315 0 W			H2001G01	SOLID	<u>5.0030</u> <u>4.8990</u>	N/A	g/L
		<u>0.4899g</u> → <u>.1001</u>								
96000456	S-101	9 DUP	S96T002315 0 W			DOSE-02	SOLID	<u>25</u> <u>17.5</u>	N/A	mrad/hour

Final page for worklist #

8273

QAMurphy 5-31-96
Analyst Signature Date

Susan Bu 5/31/96
Analyst Signature Date

596T002303 → 596T002318
2304 → 2315

Data Entry Comments:

Weight out 5/23/96 RKT/Landy, Dietrich.

Reviewed by RK Fuller 5/31/96

HPT-Gerry Gurnuskey

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#

8274

Analyst:

QAM

Instrument: H2001

Book #

Method: LA-504-101 Rev/Mod

E-D

Worklist Comment: TANK#S101,CORE 142,SEG 3LH,4UH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2001G01	SOLID	<u>1</u>	<u>.100</u>	N/A	g/L
96000456	S-101	2 SAMPLE	S96T002321 0 W		H2001G01	SOLID	N/A	<u>5.2150</u>		g/L
		<u>0.5215g</u> → <u>.100g</u>	S96T002321 0 W		DOSE-02	SOLID	N/A	<u>5</u>		mrad/hour
96000456	S-101	3 SAMPLE								
96000456	S-101	4 DUP	S96T002321 0 W		H2001G01	SOLID	<u>5.2150</u>	<u>5.0690</u>	N/A	g/L
		<u>0.5069g</u> → <u>.100g</u>	S96T002321 0 W		DOSE-02	SOLID	<u>5</u>	<u>5</u>	N/A	mrad/hour
96000456	S-101	5 DUP								
96000456	S-101	6 SAMPLE	S96T002118 0 W		H2001G01	SOLID	N/A	<u>5.0470</u>		g/L
		<u>0.5047g</u> → <u>.100g</u>	S96T002118 0 W		DOSE-02	SOLID	N/A	<u>2.5</u>		mrad/hour
96000456	S-101	7 SAMPLE								
96000456	S-101	8 DUP	S96T002118 0 W		H2001G01	SOLID	<u>5.0470</u>	<u>5.1860</u>	N/A	g/L
		<u>0.5186g</u> → <u>.100g</u>	S96T002118 0 W		DOSE-02	SOLID	<u>2.5</u>	<u>5</u>	N/A	mrad/hour
96000456	S-101	9 DUP								

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8274

QAMurphy 5-31-96
Analyst Signature Date

Susan Bu 5/31/96
Analyst Signature Date

596T002305 → 596T002321
2069 → 2118

Data Entry Comments:

Weighed out 5/23/96 CEX7/Sandy Bechtolt

Reviewed by Jk Fuller 5/31/96

HPT-Germy Gunnuskey

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#

8275

Analyst: QAM Instrument: H2O01 Book # _____

Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TANK#S101,CORE 142,SEG 4LH,5UH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2O01G01	SOLID	<u>1</u>	<u>.100</u>	N/A	g/L
96000456	S-101	2 SAMPLE	S96T002119 0 W		H2O01G01	SOLID	N/A	<u>5.2560</u>		g/L
		<u>0.5256g → .1000</u>								
96000456	S-101	3 SAMPLE	S96T002119 0 W		DOSE-02	SOLID	N/A	<u>2.5</u>		mrad/hour
96000456	S-101	4 DUP	S96T002119 0 W		H2O01G01	SOLID	<u>5.2560</u>	<u>5.2880</u>	N/A	g/L
		<u>0.5288g → .1000</u>								
96000456	S-101	5 DUP	S96T002119 0 W		DOSE-02	SOLID	<u>2.5</u>	<u>5</u>	N/A	mrad/hour
96000456	S-101	6 SAMPLE	S96T002120 0 W		H2O01G01	SOLID	N/A	<u>5.4400</u>		g/L
		<u>0.5440g → .1000</u>								
96000456	S-101	7 SAMPLE	S96T002120 0 W		DOSE-02	SOLID	N/A	<u>7.5</u>		mrad/hour
96000456	S-101	8 DUP	S96T002120 0 W		H2O01G01	SOLID	<u>5.4400</u>	<u>5.1640</u>	N/A	g/L
		<u>0.5164g → .1000</u>								
96000456	S-101	9 DUP	S96T002120 0 W		DOSE-02	SOLID	<u>7.5</u>	<u>5</u>	N/A	mrad/hour

Final page for worklist #

8275

QAM 5-31-96
Analyst Signature Date

Susan Bee 5/31/96
Analyst Signature Date

396T002070 → 396T002119
2071 → 2120

Data Entry Comments:

Wingfield 5/23/96 Rk7/Serby/Try

Reviewed by Rk Fuller 5/31/96

HPT-Gerry Gurnuskey

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#

8276

Analyst: QAM Instrument: H2O01 Book # _____Method: LA-504-101 Rev/Mod E-0

Worklist Comment: TANK#S101,CORE 142,SEG 5LH,6UH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP			H2ODIG01	SOLID	<u>1</u>	<u>.100</u>	N/A	g/L
96000456	S-101	2 SAMPLE	S96T002121 0 W		H2ODIG01	SOLID	N/A	<u>5.3330</u>		g/L
96000456	S-101	3 SAMPLE	S96T002121 0 W		DOSE-02	SOLID	N/A	<u>5</u>		mrad/hour
96000456	S-101	4 DUP	S96T002121 0 W		H2ODIG01	SOLID	<u>5.3330</u>	<u>5.4930</u>	N/A	g/L
96000456	S-101	5 DUP	S96T002121 0 W		DOSE-02	SOLID	<u>5</u>	<u>35</u>	N/A	mrad/hour
96000456	S-101	6 SAMPLE	S96T002122 0 W		H2ODIG01	SOLID	N/A	<u>5.0120</u>		g/L
96000456	S-101	7 SAMPLE	S96T002122 0 W		DOSE-02	SOLID	N/A	<u>35</u>		mrad/hour
96000456	S-101	8 DUP	S96T002122 0 W		H2ODIG01	SOLID	<u>5.0120</u>	<u>4.9160</u>	N/A	g/L
96000456	S-101	9 DUP	S96T002122 0 W		DOSE-02	SOLID	<u>35</u>	<u>2.5</u>	N/A	mrad/hour

Final page for worklist #

8276

Analyst Signature: [Signature] Date: 5-31-96Analyst Signature: [Signature] Date: 5/31/96

S96T002072 → S96T002121
2073 → 2122

Data Entry Comments:

Weighted out 5/23/96 2K7/Tony Parker

Reviewed by RK Feltz 5/31/96

HPT-Gerry Gunuskey

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#

8278

Analyst:

DM

Instrument: H2001

Book #

Method: LA-504-101 Rev/Mod

E-O

Worklist Comment: TANK#S101,CORE 142,SEG 6LH,7UH, RTS!

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-----TEST-----	MATRIX	ACTUAL	FOUND	DL	UNIT
		1 BLNK-PREP				H2001G01	SOLID	<u>1</u>	<u>.100</u>	<u>N/A</u> g/L
96000456	S-101	2 SAMPLE	S96T002100 0 W			H2001G01	SOLID	<u>N/A</u>	<u>5.0870</u>	g/L
		<u>0.5087g</u> →	<u>.1000</u>							
96000456	S-101	3 SAMPLE	S96T002100 0 W			DOSE-02	SOLID	<u>N/A</u>	<u>2.5</u>	mrad/hour
96000456	S-101	4 DUP	S96T002100 0 W			H2001G01	SOLID	<u>5.0870</u>	<u>5.0430</u>	<u>N/A</u> g/L
		<u>0.5043g</u> →	<u>.1000</u>							
96000456	S-101	5 DUP	S96T002100 0 W			DOSE-02	SOLID	<u>2.5</u>	<u>5</u>	<u>N/A</u> mrad/hour
96000456	S-101	6 SAMPLE	S96T002123 0 W			H2001G01	SOLID	<u>N/A</u>	<u>4.8940</u>	g/L
		<u>0.4894g</u> →	<u>.1000</u>							
96000456	S-101	7 SAMPLE	S96T002123 0 W			DOSE-02	SOLID	<u>N/A</u>	<u>5</u>	mrad/hour
96000456	S-101	8 DUP	S96T002123 0 W			H2001G01	SOLID	<u>4.8940</u>	<u>5.4310</u>	<u>N/A</u> g/L
		<u>0.5431g</u> →	<u>.1000</u>							
96000456	S-101	9 DUP	S96T002123 0 W			DOSE-02	SOLID	<u>5</u>	<u>5</u>	<u>N/A</u> mrad/hour

Final page for worklist #

8278

Analyst Signature DM Murphy 5-31-96

Date

Analyst Signature Susan Bee 5/31/96

Date

S96T002074 → S96T002100
2075 → 2123

Data Entry Comments:

Weighed out on 5/21/96 Rkt/Sandy/TonyReviewed by Rkt/Full 5/31/96FPT-Gary Gurnekey

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R = Replicate Number, A = Aliquot Code.