**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**REGION 6**
**HOUSTON BRANCH**
**10625 FALLSTONE RD.**
**HOUSTON, TEXAS 77099**

**September 7, 2012**

**MEMORANDUM**

**SUBJECT:** Contract Laboratory Program Data Review

**FROM:** Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

**TO:** Brenda Cook, Superfund Project Manager (6SF-TR)
Gary Moore, On-Scene Coordinator (6SF-PR)

**Site:** **DELTA SHIPYARD**

**Case#:** **42764**

**SDG#:** **MF6AA0**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

9522653

# ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

**Alion Science and Technology**

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**MEMORANDUM**

DATE: September 7, 2012

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Linda Hoffman, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

| | |
|---|---|
| Contract No.: | EP-W-06-030 |
| TO No.: | 030 |
| Task/Sub-Task: | 2-12 |
| ESAT Doc. No.: | B030-212-0084 |
| TDF No.: | 6-12-492B |
| ESAT File No.: | I-0573 |

Attached is the data review summary for Case # 42764
SDG # MF6AA0
Site Delta Shipyard

**COMMENTS:**

I. LEVEL OF DATA REVIEW

Region 6 Standard review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The CCS and hardcopy review found the data package contractually compliant.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

Some results were qualified for technical problems. The significant problems are addressed below.

A. Laboratory blank readings caused the qualification of four beryllium results.

B. The antimony matrix spike recovery was below the QC limit.

C. The lead serial dilution difference exceeded the expanded QC limit for soils.

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**REGION 6**
**HOUSTON BRANCH**
**10625 FALLSTONE ROAD**
**HOUSTON, TEXAS 77099**

# INORGANIC REGIONAL DATA ASSESSMENT

| | | | |
|---|---|---|---|
| CASE NO. | 42764 | SITE | Delta Shipyard |
| LABORATORY | CHEM | NO. OF SAMPLES | 20 |
| CONTRACT# | EP-W-09-038 | MATRIX | 1 Water/19 Soil |
| SDG# | MF6AA0 | REVIEWER (IF NOT ESB) | ESAT |
| SOW# | ISM01.3 | REVIEWER'S NAME | Linda Hoffman |
| SF# | 303DD2GC | COMPLETION DATE | September 7, 2012 |

| SAMPLE NO. | | | | | |
|---|---|---|---|---|---|
| | MF6AA0 | MF6AA4 | MF6AA8 | MF6AB2 | MF6AB7 |
| | MF6AA1 | MF6AA5 | MF6AA9 | MF6AB3 | MF6AB8 |
| | MF6AA2 | MF6AA6 | MF6AB0 | MF6AB4 | MF6AB9 |
| | MF6AA3 | MF6AA7 | MF6AB1 | MF6AB5 | MF6AC1 |

## DATA ASSESSMENT SUMMARY

| | ICP | HG |
|---|---|---|
| 1. HOLDING TIMES | O | O |
| 2. CALIBRATIONS | O | O |
| 3. BLANKS | M | O |
| 4. MATRIX SPIKES | M | O |
| 5. DUPLICATE ANALYSIS | O | O |
| 6. ICP QC | M | |
| 7. LCS | O | |
| 8. SAMPLE VERIFICATION | O | O |
| 9. OTHER QC | N/A | N/A |
| 10. OVERALL ASSESSMENT | M | O |

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

**ACTION ITEMS:**

**AREAS OF CONCERN:** Laboratory blank readings caused the qualification of four beryllium results. The antimony matrix spike recovery was below the QC limit. The lead and zinc serial dilution differences exceeded the expanded QC limit for soils.

**COMMENTS/CLARIFICATIONS**
**REGION 6 CLP QA REVIEW**

**CASE** 42764 **SDG** MF6AA0 **SITE** Delta Shipyard **LAB** CHEM

**COMMENTS:** This SDG consisted of 1 water and 19 soil samples for total metals (by ICP-AES) and mercury analyses following CLP SOW ISM01.3. The sampler designated soil sample MF6AA4 and water sample MF6AB5 for laboratory QC analyses although the water sample was a rinsate. The laboratory was instructed by the Region not to perform QC analyses on the water sample.

The SOW requires that the soil sample results be adjusted for moisture content and dilution, which raised the adjusted QLs above the CRQLs specified in the SOW. The adjusted CRQLs were reported by the laboratory and are referred to as SQLs in this report.

Standard review was performed for this data package as requested by the TDF. The analytes of concern with the CRQLs, which are in parentheses, as the desired detection limits were arsenic (1 mg/kg) and barium (20 mg/kg). All soil samples contained both analytes of concern at concentrations over the desired detection limits. The laboratory diluted (up to 10X) and reanalyzed all soil samples except samples MF6AA4, MF6AA7, MF6AA9, and MF6AC1 because of high concentrations of barium, iron, manganese, and/or zinc.

**DATA ASSESSMENT:** The QC problems affecting data usability are addressed below.

- Because of laboratory blank readings, the reviewer qualified the beryllium results >SQLs for the following samples as estimated and biased high: MF6AB0, MF6AB2, MF6AB3, and MF6AB4.

- Because of laboratory blank readings, the beryllium result <SQL for sample MF6AB1 and the aluminum and copper results <CRQLs for sample MF6AB5 should be considered undetected and were flagged "U" at the SQL/CRQLs on the DST.

- The reviewer qualified the antimony soil sample results as estimated and biased low because the antimony pre-digestion matrix spike recovery was below the 75% QC limit and the post-digestion matrix spike analysis indicated a low bias effect.

- The reviewer qualified the lead and zinc soil sample results as estimated because the serial dilution differences for these analytes exceeded the expanded QC limit for soils.

**OVERALL ASSESSMENT:** Some results were qualified for all soil samples because of problems with laboratory blank readings, a matrix spike recovery, and/or serial dilution differences. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

**INORGANIC QA REVIEW**
**CONTINUATION PAGE**

**CASE** 42764 **SDG** MF6AA0 **SITE** Delta Shipyard **LAB** CHEM

The laboratory was contacted for some CSF and reporting issues (see Resubmission Request). The laboratory response will not affect the DST, so the DST included in this report is the final version.

## INORGANIC ACRONYMS

| | |
|---|---|
| **CADRE** | Computer-Aided Data Review and Evaluation |
| **CCB** | Continuing Calibration Blank |
| **CCS** | Contract Compliance Screening |
| **CCV** | Continuing Calibration Verification |
| **CN** | Cyanide |
| **CRQL** | Contract Required Quantitation Limit |
| **CSF** | Complete SDG File |
| **DST** | Data Summary Table |
| **HG** | Mercury |
| **ICB** | Initial Calibration Blank |
| **ICP** | Inductively Coupled Plasma |
| **ICP-AES** | Inductively Coupled Plasma-Atomic Emission Spectroscopy |
| **ICP-MS** | Inductively Coupled Plasma-Mass Spectrometry |
| **ICS** | Interference Check Sample |
| **ICV** | Initial Calibration Verification |
| **IS** | Internal Standard |
| **LCS** | Laboratory Control Sample |
| **MDL** | Method Detection Limit |
| **NFG** | National Functional Guidelines |
| **PE** | Performance Evaluation |
| **%D** | Percent Difference |
| **%R** | Percent Recovery |
| **%RI** | Percent Relative Intensity |
| **%RSD** | Percent Relative Standard Deviation |
| **QA** | Quality Assurance |
| **QC** | Quality Control |
| **QL** | Quantitation Limit |
| **RPD** | Relative Percent Difference |
| **RSCC** | Regional Sample Control Center |
| **SDG** | Sample Delivery Group |
| **SMO** | Sample Management Office |
| **SOW** | Statement of Work |
| **SQL** | Sample Quantitation Limit |
| **TAL** | Target Analyte List |

## HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

**Disclaimer:** **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

## INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

**U** Not detected at reported quantitation limit.

**L** Reported concentration is between the MDL and the CRQL.

**J** Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

**R** Result is unusable.

**F** A possibility of a false negative exists.

**UC** Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

**+** High biased. Actual concentration may be lower than the concentration reported.

**-** Low biased. Actual concentration may be higher than the concentration reported.

**W** The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

| CASE | SDG | EPASAMP | LABID | MATRIX | QCCODE | ANDATE | ANTIME | CASNUM | ANALYTE | CONC | VALDQAL | UNITS | ADJCRQL | SMPDATE | PRPDATE | LRDATE | LEVEL | PERSOLD | SMPWTVL | FINVOL | METHOD | STATLOC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7429905 | Aluminum | 200 | U | ug/L | 200 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440360 | Antimony | 60.0 | U | ug/L | 60.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440382 | Arsenic | 2.6 | LJ | ug/L | 10.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440393 | Barium | 200 | U | ug/L | 200 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440417 | Beryllium | 5.0 | U | ug/L | 5.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440439 | Cadmium | 5.0 | U | ug/L | 5.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440702 | Calcium | 55.3 | LJ | ug/L | 5000 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440473 | Chromium | 10.0 | U | ug/L | 10.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440484 | Cobalt | 50.0 | U | ug/L | 50.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440508 | Copper | 25.0 | U | ug/L | 25.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7439896 | Iron | 100 | U | ug/L | 100 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7439921 | Lead | 10.0 | U | ug/L | 10.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7439954 | Magnesium | 5000 | U | ug/L | 5000 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7439965 | Manganese | 15.0 | U | ug/L | 15.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/16/2012 | 16:55:00 | 7439976 | Mercury | 0.019 | LJ | ug/L | 0.20 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 0.0 | 100 | 100 | CV | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440020 | Nickel | 40.0 | U | ug/L | 40.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440097 | Potassium | 5000 | U | ug/L | 5000 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7782492 | Selenium | 35.0 | U | ug/L | 35.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440224 | Silver | 10.0 | U | ug/L | 10.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440235 | Sodium | 5000 | U | ug/L | 5000 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440280 | Thallium | 25.0 | U | ug/L | 25.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440622 | Vanadium | 50.0 | U | ug/L | 50.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AB5 | D3729-18 | W | Field_Blank | 08/14/2012 | 13:23:10 | 7440666 | Zinc | 6.8 | LJ | ug/L | 60.0 | 08/06/2012 | 08/10/2012 | 08/08/2012 | Low | 0.0 | 50 | 50 | P | DSE-10-96-435 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7429905 | Aluminum | 12900 | | mg/kg | 17.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440360 | Antimony | 3.5 | LJ- | mg/kg | 5.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440382 | Arsenic | 28.7 | | mg/kg | 0.88 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/18/2012 | 13:04:11 | 7440393 | Barium | 5370 | | mg/kg | 88.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440417 | Beryllium | 0.90 | | mg/kg | 0.44 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440439 | Cadmium | 0.39 | LJ | mg/kg | 0.44 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440702 | Calcium | 31100 | | mg/kg | 440 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440473 | Chromium | 18.4 | | mg/kg | 0.88 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440484 | Cobalt | 7.0 | | mg/kg | 4.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440508 | Copper | 28.3 | | mg/kg | 2.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7439896 | Iron | 19500 | | mg/kg | 8.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7439921 | Lead | 159 | J | mg/kg | 0.88 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7439954 | Magnesium | 4570 | | mg/kg | 440 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7439965 | Manganese | 243 | | mg/kg | 1.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/17/2012 | 11:18:00 | 7439976 | Mercury | 0.25 | | mg/kg | 0.12 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 81.7 | .52 | 100 | CV | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440020 | Nickel | 25.4 | | mg/kg | 3.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440097 | Potassium | 1930 | | mg/kg | 440 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7782492 | Selenium | 1.4 | LJ | mg/kg | 3.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440224 | Silver | 0.36 | LJ | mg/kg | 0.88 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440235 | Sodium | 906 | | mg/kg | 440 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440280 | Thallium | 2.2 | U | mg/kg | 2.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440622 | Vanadium | 29.7 | | mg/kg | 4.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA0 | D3729-01 | S | Field_Sample | 08/14/2012 | 13:56:24 | 7440666 | Zinc | 116 | J | mg/kg | 5.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 81.7 | 1.39 | 100 | P | DSE-04-12-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7429905 | Aluminum | 15800 | | mg/kg | 20.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440360 | Antimony | 2.3 | LJ- | mg/kg | 6.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440382 | Arsenic | 27.6 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/18/2012 | 13:08:35 | 7440393 | Barium | 4360 | | mg/kg | 100 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440417 | Beryllium | 1.0 | | mg/kg | 0.50 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440439 | Cadmium | 0.59 | | mg/kg | 0.50 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440702 | Calcium | 9080 | | mg/kg | 500 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440473 | Chromium | 20.9 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440484 | Cobalt | 13.8 | | mg/kg | 5.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440508 | Copper | 25.9 | | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7439896 | Iron | 26000 | | mg/kg | 10.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7439921 | Lead | 74.5 | J | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7439954 | Magnesium | 5240 | | mg/kg | 500 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7439965 | Manganese | 367 | | mg/kg | 1.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/17/2012 | 11:20:00 | 7439976 | Mercury | 0.068 | LJ | mg/kg | 0.12 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 73.0 | .58 | 100 | CV | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440020 | Nickel | 31.1 | | mg/kg | 4.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440097 | Potassium | 2330 | | mg/kg | 500 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7782492 | Selenium | 1.9 | LJ | mg/kg | 3.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440224 | Silver | 0.34 | LJ | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440235 | Sodium | 917 | | mg/kg | 500 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440280 | Thallium | 2.5 | U | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440622 | Vanadium | 37.9 | | mg/kg | 5.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |
| 42764 | MF6AA0 | MF6AA1 | D3729-02 | S | Field_Sample | 08/14/2012 | 14:02:54 | 7440666 | Zinc | 137 | J | mg/kg | 6.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 73.0 | 1.37 | 100 | P | DSE-04-24-515 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7429905 | Aluminum | 18900 | | mg/kg | 26.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440360 | Antimony | 2.1 | LJ- | mg/kg | 8.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440382 | Arsenic | 26.4 | | mg/kg | 1.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/18/2012 | 13:12:59 | 7440393 | Barium | 3300 | | mg/kg | 133 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440417 | Beryllium | 1.3 | | mg/kg | 0.67 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440439 | Cadmium | 0.15 | LJ | mg/kg | 0.67 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440702 | Calcium | 9290 | | mg/kg | 667 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440473 | Chromium | 20.8 | | mg/kg | 1.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440484 | Cobalt | 11.3 | | mg/kg | 6.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440508 | Copper | 24.0 | | mg/kg | 3.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7439896 | Iron | 24600 | | mg/kg | 13.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7439921 | Lead | 42.3 | J | mg/kg | 1.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7439954 | Magnesium | 6510 | | mg/kg | 667 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7439965 | Manganese | 296 | | mg/kg | 2.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/17/2012 | 11:22:00 | 7439976 | Mercury | 0.054 | LJ | mg/kg | 0.17 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 52.8 | .56 | 100 | CV | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440020 | Nickel | 29.9 | | mg/kg | 5.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440097 | Potassium | 3490 | | mg/kg | 667 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7782492 | Selenium | 2.1 | LJ | mg/kg | 4.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440224 | Silver | 0.27 | LJ | mg/kg | 1.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440235 | Sodium | 1170 | | mg/kg | 667 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440280 | Thallium | 3.3 | U | mg/kg | 3.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440622 | Vanadium | 42.2 | | mg/kg | 6.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA2 | D3729-03 | S | Field_Sample | 08/14/2012 | 14:09:27 | 7440666 | Zinc | 88.1 | J | mg/kg | 8.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.8 | 1.42 | 100 | P | DSE-04-48-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7429905 | Aluminum | 19200 | | mg/kg | 21.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440360 | Antimony | 1.9 | LJ- | mg/kg | 6.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440382 | Arsenic | 12.4 | | mg/kg | 1.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/18/2012 | 13:17:24 | 7440393 | Barium | 2970 | | mg/kg | 108 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440417 | Beryllium | 1.3 | | mg/kg | 0.54 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440439 | Cadmium | 0.31 | LJ | mg/kg | 0.54 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440702 | Calcium | 14700 | | mg/kg | 539 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440473 | Chromium | 22.8 | | mg/kg | 1.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440484 | Cobalt | 12.6 | | mg/kg | 5.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440508 | Copper | 26.0 | | mg/kg | 2.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7439896 | Iron | 23100 | | mg/kg | 10.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7439921 | Lead | 52.6 | J | mg/kg | 1.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7439954 | Magnesium | 6160 | | mg/kg | 539 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7439965 | Manganese | 343 | | mg/kg | 1.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/17/2012 | 11:24:00 | 7439976 | Mercury | 0.061 | LJ | mg/kg | 0.15 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 63.5 | .54 | 100 | CV | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440020 | Nickel | 30.0 | | mg/kg | 4.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440097 | Potassium | 2530 | | mg/kg | 539 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7782492 | Selenium | 2.0 | LJ | mg/kg | 3.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440224 | Silver | 0.19 | LJ | mg/kg | 1.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440235 | Sodium | 1300 | | mg/kg | 539 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440280 | Thallium | 2.7 | U | mg/kg | 2.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440622 | Vanadium | 41.8 | | mg/kg | 5.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA3 | D3729-04 | S | Field_Sample | 08/14/2012 | 14:16:05 | 7440666 | Zinc | 109 | J | mg/kg | 6.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 63.5 | 1.46 | 100 | P | DSE-04-72-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7429905 | Aluminum | 27300 | | mg/kg | 27.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440360 | Antimony | 1.5 | LJ- | mg/kg | 8.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440382 | Arsenic | 8.4 | | mg/kg | 1.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440393 | Barium | 385 | | mg/kg | 27.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440417 | Beryllium | 1.7 | | mg/kg | 0.69 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440439 | Cadmium | 0.14 | LJ | mg/kg | 0.69 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440702 | Calcium | 7560 | | mg/kg | 692 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440473 | Chromium | 28.0 | | mg/kg | 1.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440484 | Cobalt | 20.5 | | mg/kg | 6.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440508 | Copper | 36.4 | | mg/kg | 3.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7439896 | Iron | 34200 | | mg/kg | 13.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7439921 | Lead | 32.5 | J | mg/kg | 1.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7439954 | Magnesium | 9110 | | mg/kg | 692 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7439965 | Manganese | 260 | | mg/kg | 2.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/17/2012 | 11:26:00 | 7439976 | Mercury | 0.028 | LJ | mg/kg | 0.19 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 52.0 | .5 | 100 | CV | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440020 | Nickel | 46.6 | | mg/kg | 5.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440097 | Potassium | 3840 | | mg/kg | 692 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7782492 | Selenium | 2.7 | LJ | mg/kg | 4.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440224 | Silver | 0.25 | LJ | mg/kg | 1.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440235 | Sodium | 1820 | | mg/kg | 692 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440280 | Thallium | 3.5 | U | mg/kg | 3.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440622 | Vanadium | 54.2 | | mg/kg | 6.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |
| 42764 | MF6AA0 | MF6AA4 | D3729-05 | S | Field_Sample | 08/14/2012 | 14:22:39 | 7440666 | Zinc | 114 | J | mg/kg | 8.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 52.0 | 1.39 | 100 | P | DSE-04-96-515 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7429905 | Aluminum | 13900 | | mg/kg | 20.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440360 | Antimony | 5.0 | LJ- | mg/kg | 6.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440382 | Arsenic | 38.9 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/18/2012 | 13:21:48 | 7440393 | Barium | 7750 | | mg/kg | 101 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440417 | Beryllium | 0.86 | | mg/kg | 0.51 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440439 | Cadmium | 0.70 | | mg/kg | 0.51 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440702 | Calcium | 36800 | | mg/kg | 505 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440473 | Chromium | 23.4 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440484 | Cobalt | 10.4 | | mg/kg | 5.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440508 | Copper | 37.0 | | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7439896 | Iron | 19600 | | mg/kg | 10.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7439921 | Lead | 154 | J | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7439954 | Magnesium | 5200 | | mg/kg | 505 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7439965 | Manganese | 293 | | mg/kg | 1.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/17/2012 | 11:34:00 | 7439976 | Mercury | 0.26 | | mg/kg | 0.13 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 69.7 | .54 | 100 | CV | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440020 | Nickel | 31.3 | | mg/kg | 4.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440097 | Potassium | 2150 | | mg/kg | 505 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7782492 | Selenium | 1.2 | LJ | mg/kg | 3.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440224 | Silver | 0.37 | LJ | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440235 | Sodium | 851 | | mg/kg | 505 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440280 | Thallium | 2.5 | U | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440622 | Vanadium | 33.0 | | mg/kg | 5.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA5 | D3729-08 | S | Field_Sample | 08/14/2012 | 15:01:17 | 7440666 | Zinc | 193 | J | mg/kg | 6.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 69.7 | 1.42 | 100 | P | DSE-07-12-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7429905 | Aluminum | 15900 | | mg/kg | 18.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440360 | Antimony | 2.9 | LJ- | mg/kg | 5.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440382 | Arsenic | 54.7 | | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/18/2012 | 13:34:51 | 7440393 | Barium | 4520 | | mg/kg | 91.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440417 | Beryllium | 0.89 | | mg/kg | 0.46 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440439 | Cadmium | 0.30 | LJ | mg/kg | 0.46 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440702 | Calcium | 7090 | | mg/kg | 459 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440473 | Chromium | 20.8 | | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440484 | Cobalt | 11.8 | | mg/kg | 4.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440508 | Copper | 25.9 | | mg/kg | 2.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7439896 | Iron | 20500 | | mg/kg | 9.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7439921 | Lead | 83.0 | J | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7439954 | Magnesium | 5600 | | mg/kg | 459 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7439965 | Manganese | 309 | | mg/kg | 1.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/17/2012 | 11:36:00 | 7439976 | Mercury | 0.32 | | mg/kg | 0.13 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 77.8 | .5 | 100 | CV | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440020 | Nickel | 31.5 | | mg/kg | 3.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440097 | Potassium | 2530 | | mg/kg | 459 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7782492 | Selenium | 1.5 | LJ | mg/kg | 3.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440224 | Silver | 0.26 | LJ | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440235 | Sodium | 996 | | mg/kg | 459 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440280 | Thallium | 2.3 | U | mg/kg | 2.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440622 | Vanadium | 37.2 | | mg/kg | 4.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA6 | D3729-09 | S | Field_Sample | 08/14/2012 | 15:08:08 | 7440666 | Zinc | 99.4 | J | mg/kg | 5.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.8 | 1.4 | 100 | P | DSE-07-24-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7429905 | Aluminum | 14000 | | mg/kg | 20.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440360 | Antimony | 1.3 | LJ- | mg/kg | 6.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440382 | Arsenic | 11.0 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440393 | Barium | 1950 | | mg/kg | 20.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440417 | Beryllium | 0.89 | | mg/kg | 0.50 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440439 | Cadmium | 0.22 | LJ | mg/kg | 0.50 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440702 | Calcium | 9900 | | mg/kg | 501 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440473 | Chromium | 16.4 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440484 | Cobalt | 9.8 | | mg/kg | 5.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440508 | Copper | 20.9 | | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7439896 | Iron | 18100 | | mg/kg | 10.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7439921 | Lead | 31.5 | J | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7439954 | Magnesium | 6020 | | mg/kg | 501 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7439965 | Manganese | 330 | | mg/kg | 1.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/17/2012 | 11:38:00 | 7439976 | Mercury | 0.12 | LJ | mg/kg | 0.15 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 67.5 | .51 | 100 | CV | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440020 | Nickel | 27.1 | | mg/kg | 4.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440097 | Potassium | 2470 | | mg/kg | 501 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7782492 | Selenium | 1.3 | LJ | mg/kg | 3.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440224 | Silver | 0.21 | LJ | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440235 | Sodium | 936 | | mg/kg | 501 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440280 | Thallium | 2.5 | U | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440622 | Vanadium | 31.5 | | mg/kg | 5.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |
| 42764 | MF6AA0 | MF6AA7 | D3729-10 | S | Field_Sample | 08/14/2012 | 15:14:58 | 7440666 | Zinc | 85.6 | J | mg/kg | 6.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 67.5 | 1.48 | 100 | P | DSE-07-48-515 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7429905 | Aluminum | 22900 | | mg/kg | 23.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440360 | Antimony | 2.4 | LJ- | mg/kg | 7.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440382 | Arsenic | 11.1 | | mg/kg | 1.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440393 | Barium | 301 | | mg/kg | 23.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440417 | Beryllium | 1.4 | | mg/kg | 0.59 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440439 | Cadmium | 0.11 | LJ | mg/kg | 0.59 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440702 | Calcium | 10800 | | mg/kg | 591 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440473 | Chromium | 22.8 | | mg/kg | 1.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440484 | Cobalt | 20.9 | | mg/kg | 5.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440508 | Copper | 23.3 | | mg/kg | 3.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/18/2012 | 13:39:15 | 7439896 | Iron | 65700 | | mg/kg | 59.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7439921 | Lead | 32.4 | J | mg/kg | 1.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7439954 | Magnesium | 7520 | | mg/kg | 591 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/18/2012 | 13:39:15 | 7439965 | Manganese | 4530 | | mg/kg | 8.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/17/2012 | 11:40:00 | 7439976 | Mercury | 0.040 | LJ | mg/kg | 0.14 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 61.3 | .58 | 100 | CV | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440020 | Nickel | 39.0 | | mg/kg | 4.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440097 | Potassium | 3130 | | mg/kg | 591 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7782492 | Selenium | 3.4 | LJ | mg/kg | 4.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440224 | Silver | 1.0 | LJ | mg/kg | 1.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440235 | Sodium | 1330 | | mg/kg | 591 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440280 | Thallium | 1.6 | LJ | mg/kg | 3.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440622 | Vanadium | 53.9 | | mg/kg | 5.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA8 | D3729-11 | S | Field_Sample | 08/14/2012 | 15:21:45 | 7440666 | Zinc | 104 | J | mg/kg | 7.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 61.3 | 1.38 | 100 | P | DSE-07-72-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7429905 | Aluminum | 23000 | | mg/kg | 24.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440360 | Antimony | 1.7 | LJ- | mg/kg | 7.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440382 | Arsenic | 6.0 | | mg/kg | 1.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440393 | Barium | 314 | | mg/kg | 24.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440417 | Beryllium | 1.6 | | mg/kg | 0.62 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440439 | Cadmium | 0.050 | LJ | mg/kg | 0.62 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440702 | Calcium | 6770 | | mg/kg | 616 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440473 | Chromium | 23.2 | | mg/kg | 1.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440484 | Cobalt | 16.9 | | mg/kg | 6.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440508 | Copper | 25.2 | | mg/kg | 3.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7439896 | Iron | 29800 | | mg/kg | 12.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7439921 | Lead | 26.8 | J | mg/kg | 1.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7439954 | Magnesium | 7550 | | mg/kg | 616 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7439965 | Manganese | 366 | | mg/kg | 1.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/17/2012 | 11:42:00 | 7439976 | Mercury | 0.040 | LJ | mg/kg | 0.17 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 56.4 | .51 | 100 | CV | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440020 | Nickel | 37.7 | | mg/kg | 4.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440097 | Potassium | 3530 | | mg/kg | 616 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7782492 | Selenium | 3.1 | LJ | mg/kg | 4.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440224 | Silver | 0.23 | LJ | mg/kg | 1.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440235 | Sodium | 1740 | | mg/kg | 616 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440280 | Thallium | 3.1 | U | mg/kg | 3.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440622 | Vanadium | 58.0 | | mg/kg | 6.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AA9 | D3729-12 | S | Field_Sample | 08/14/2012 | 15:28:13 | 7440666 | Zinc | 99.8 | J | mg/kg | 7.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 56.4 | 1.44 | 100 | P | DSE-07-96-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7429905 | Aluminum | 6720 | | mg/kg | 18.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440360 | Antimony | 6.1 | J- | mg/kg | 5.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440382 | Arsenic | 18.3 | | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/18/2012 | 13:43:32 | 7440393 | Barium | 11400 | | mg/kg | 184 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440417 | Beryllium | 0.49 | J+ | mg/kg | 0.46 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440439 | Cadmium | 3.8 | | mg/kg | 0.46 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440702 | Calcium | 12100 | | mg/kg | 460 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440473 | Chromium | 40.7 | | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440484 | Cobalt | 4.9 | | mg/kg | 4.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440508 | Copper | 54.5 | | mg/kg | 2.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7439896 | Iron | 15200 | | mg/kg | 9.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7439921 | Lead | 607 | J | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7439954 | Magnesium | 2790 | | mg/kg | 460 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7439965 | Manganese | 389 | | mg/kg | 1.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/17/2012 | 11:44:00 | 7439976 | Mercury | 0.85 | | mg/kg | 0.12 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 78.2 | .53 | 100 | CV | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440020 | Nickel | 20.0 | | mg/kg | 3.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440097 | Potassium | 961 | | mg/kg | 460 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7782492 | Selenium | 1.4 | LJ | mg/kg | 3.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440224 | Silver | 2.5 | | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440235 | Sodium | 314 | LJ | mg/kg | 460 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440280 | Thallium | 2.3 | U | mg/kg | 2.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440622 | Vanadium | 19.2 | | mg/kg | 4.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |
| 42764 | MF6AA0 | MF6AB0 | D3729-13 | S | Field_Sample | 08/14/2012 | 15:34:36 | 7440666 | Zinc | 628 | J | mg/kg | 5.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-12-515 |

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| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7429905 | Aluminum | 4130 | | mg/kg | 18.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440360 | Antimony | 18.0 | J- | mg/kg | 5.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440382 | Arsenic | 62.5 | | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/18/2012 | 13:47:58 | 7440393 | Barium | 3570 | | mg/kg | 92.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440417 | Beryllium | 0.46 | U | mg/kg | 0.46 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440439 | Cadmium | 18.3 | | mg/kg | 0.46 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440702 | Calcium | 10600 | | mg/kg | 460 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440473 | Chromium | 52.6 | | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440484 | Cobalt | 7.0 | | mg/kg | 4.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440508 | Copper | 109 | | mg/kg | 2.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/18/2012 | 13:47:58 | 7439896 | Iron | 32200 | | mg/kg | 46.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7439921 | Lead | 2170 | J | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7439954 | Magnesium | 2150 | | mg/kg | 460 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7439965 | Manganese | 671 | | mg/kg | 1.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/17/2012 | 11:46:00 | 7439976 | Mercury | 1.8 | | mg/kg | 0.12 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 78.2 | .54 | 100 | CV | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440020 | Nickel | 18.7 | | mg/kg | 3.7 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440097 | Potassium | 641 | | mg/kg | 460 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7782492 | Selenium | 2.5 | LJ | mg/kg | 3.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440224 | Silver | 8.9 | | mg/kg | 0.92 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440235 | Sodium | 332 | LJ | mg/kg | 460 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440280 | Thallium | 2.0 | LJ | mg/kg | 2.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/14/2012 | 15:41:25 | 7440622 | Vanadium | 17.9 | | mg/kg | 4.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB1 | D3729-14 | S | Field_Sample | 08/18/2012 | 13:47:58 | 7440666 | Zinc | 2810 | J | mg/kg | 27.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 78.2 | 1.39 | 100 | P | DSE-10-24-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7429905 | Aluminum | 9290 | | mg/kg | 19.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440360 | Antimony | 9.0 | J- | mg/kg | 5.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440382 | Arsenic | 45.1 | | mg/kg | 0.99 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/28/2012 | 14:50:32 | 7440393 | Barium | 7070 | | mg/kg | 198 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440417 | Beryllium | 0.62 | J+ | mg/kg | 0.50 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440439 | Cadmium | 2.4 | | mg/kg | 0.50 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440702 | Calcium | 6880 | | mg/kg | 496 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440473 | Chromium | 23.6 | | mg/kg | 0.99 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440484 | Cobalt | 9.9 | | mg/kg | 5.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440508 | Copper | 41.7 | | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7439896 | Iron | 19300 | | mg/kg | 9.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7439921 | Lead | 451 | J | mg/kg | 0.99 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7439954 | Magnesium | 4130 | | mg/kg | 496 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7439965 | Manganese | 365 | | mg/kg | 1.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/17/2012 | 11:48:00 | 7439976 | Mercury | 0.49 | | mg/kg | 0.12 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 76.4 | .54 | 100 | CV | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440020 | Nickel | 23.8 | | mg/kg | 4.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440097 | Potassium | 1530 | | mg/kg | 496 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7782492 | Selenium | 1.2 | LJ | mg/kg | 3.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440224 | Silver | 1.2 | | mg/kg | 0.99 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440235 | Sodium | 636 | | mg/kg | 496 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440280 | Thallium | 2.5 | U | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440622 | Vanadium | 23.2 | | mg/kg | 5.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB2 | D3729-15 | S | Field_Sample | 08/14/2012 | 15:47:56 | 7440666 | Zinc | 402 | J | mg/kg | 5.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 76.4 | 1.32 | 100 | P | DSE-10-48-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7429905 | Aluminum | 7760 | | mg/kg | 20.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440360 | Antimony | 11.9 | J- | mg/kg | 6.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440382 | Arsenic | 46.9 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/28/2012 | 14:55:20 | 7440393 | Barium | 7020 | | mg/kg | 201 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440417 | Beryllium | 0.62 | J+ | mg/kg | 0.50 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440439 | Cadmium | 4.5 | | mg/kg | 0.50 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440702 | Calcium | 7390 | | mg/kg | 502 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440473 | Chromium | 24.3 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440484 | Cobalt | 8.9 | | mg/kg | 5.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440508 | Copper | 54.7 | | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7439896 | Iron | 21200 | | mg/kg | 10.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7439921 | Lead | 741 | J | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7439954 | Magnesium | 3590 | | mg/kg | 502 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7439965 | Manganese | 479 | | mg/kg | 1.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/17/2012 | 11:50:00 | 7439976 | Mercury | 1.4 | | mg/kg | 0.13 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 68.2 | .57 | 100 | CV | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440020 | Nickel | 21.3 | | mg/kg | 4.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440097 | Potassium | 1260 | | mg/kg | 502 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7782492 | Selenium | 1.6 | LJ | mg/kg | 3.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440224 | Silver | 2.8 | | mg/kg | 1.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440235 | Sodium | 581 | | mg/kg | 502 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440280 | Thallium | 2.5 | U | mg/kg | 2.5 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440622 | Vanadium | 21.0 | | mg/kg | 5.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |
| 42764 | MF6AA0 | MF6AB3 | D3729-16 | S | Field_Sample | 08/14/2012 | 15:54:45 | 7440666 | Zinc | 684 | J | mg/kg | 6.0 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 68.2 | 1.46 | 100 | P | DSE-10-72-515 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7429905 | Aluminum | 6520 | | mg/kg | 17.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440360 | Antimony | 7.1 | J- | mg/kg | 5.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440382 | Arsenic | 26.0 | | mg/kg | 0.89 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/18/2012 | 13:52:21 | 7440393 | Barium | 7130 | | mg/kg | 88.8 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440417 | Beryllium | 0.54 | J+ | mg/kg | 0.44 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440439 | Cadmium | 4.9 | | mg/kg | 0.44 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440702 | Calcium | 9030 | | mg/kg | 444 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440473 | Chromium | 17.0 | | mg/kg | 0.89 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440484 | Cobalt | 6.6 | | mg/kg | 4.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440508 | Copper | 43.3 | | mg/kg | 2.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7439896 | Iron | 18800 | | mg/kg | 8.9 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7439921 | Lead | 799 | J | mg/kg | 0.89 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7439954 | Magnesium | 3720 | | mg/kg | 444 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7439965 | Manganese | 468 | | mg/kg | 1.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/17/2012 | 11:52:00 | 7439976 | Mercury | 0.86 | | mg/kg | 0.11 | 08/06/2012 | 08/15/2012 | 08/08/2012 | Low | 77.1 | .59 | 100 | CV | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440020 | Nickel | 16.7 | | mg/kg | 3.6 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440097 | Potassium | 1090 | | mg/kg | 444 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7782492 | Selenium | 1.4 | LJ | mg/kg | 3.1 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440224 | Silver | 3.0 | | mg/kg | 0.89 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440235 | Sodium | 593 | | mg/kg | 444 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440280 | Thallium | 2.2 | U | mg/kg | 2.2 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440622 | Vanadium | 19.6 | | mg/kg | 4.4 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB4 | D3729-17 | S | Field_Sample | 08/14/2012 | 16:01:17 | 7440666 | Zinc | 734 | J | mg/kg | 5.3 | 08/06/2012 | 08/13/2012 | 08/08/2012 | Low | 77.1 | 1.46 | 100 | P | DSE-10-96-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7429905 | Aluminum | 17300 | | mg/kg | 21.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440360 | Antimony | 4.4 | LJ- | mg/kg | 6.3 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440382 | Arsenic | 35.2 | | mg/kg | 1.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/18/2012 | 13:56:45 | 7440393 | Barium | 11800 | | mg/kg | 210 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440417 | Beryllium | 1.0 | | mg/kg | 0.52 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440439 | Cadmium | 0.95 | | mg/kg | 0.52 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440702 | Calcium | 8220 | | mg/kg | 524 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440473 | Chromium | 36.4 | | mg/kg | 1.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440484 | Cobalt | 13.4 | | mg/kg | 5.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440508 | Copper | 35.8 | | mg/kg | 2.6 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7439896 | Iron | 25300 | | mg/kg | 10.5 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7439921 | Lead | 129 | J | mg/kg | 1.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7439954 | Magnesium | 5900 | | mg/kg | 524 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7439965 | Manganese | 936 | | mg/kg | 1.6 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/17/2012 | 11:54:00 | 7439976 | Mercury | 0.19 | | mg/kg | 0.13 | 08/07/2012 | 08/15/2012 | 08/09/2012 | Low | 68.1 | .56 | 100 | CV | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440020 | Nickel | 39.2 | | mg/kg | 4.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440097 | Potassium | 2830 | | mg/kg | 524 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7782492 | Selenium | 1.7 | LJ | mg/kg | 3.7 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440224 | Silver | 0.59 | LJ | mg/kg | 1.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440235 | Sodium | 405 | LJ | mg/kg | 524 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440280 | Thallium | 2.6 | U | mg/kg | 2.6 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440622 | Vanadium | 39.1 | | mg/kg | 5.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB7 | D3729-19 | S | Field_Sample | 08/14/2012 | 16:21:05 | 7440666 | Zinc | 217 | J | mg/kg | 6.3 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.1 | 1.4 | 100 | P | DSE-13-12-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7429905 | Aluminum | 18300 | | mg/kg | 20.6 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440360 | Antimony | 3.3 | LJ- | mg/kg | 6.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440382 | Arsenic | 27.7 | | mg/kg | 1.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/18/2012 | 14:01:09 | 7440393 | Barium | 10300 | | mg/kg | 206 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440417 | Beryllium | 1.1 | | mg/kg | 0.51 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440439 | Cadmium | 0.81 | | mg/kg | 0.51 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440702 | Calcium | 10200 | | mg/kg | 514 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440473 | Chromium | 35.8 | | mg/kg | 1.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440484 | Cobalt | 13.2 | | mg/kg | 5.1 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440508 | Copper | 30.6 | | mg/kg | 2.6 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7439896 | Iron | 25700 | | mg/kg | 10.3 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7439921 | Lead | 96.0 | J | mg/kg | 1.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7439954 | Magnesium | 5910 | | mg/kg | 514 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7439965 | Manganese | 531 | | mg/kg | 1.5 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/17/2012 | 11:56:00 | 7439976 | Mercury | 0.18 | | mg/kg | 0.13 | 08/07/2012 | 08/15/2012 | 08/09/2012 | Low | 69.0 | .54 | 100 | CV | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440020 | Nickel | 36.4 | | mg/kg | 4.1 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440097 | Potassium | 2740 | | mg/kg | 514 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7782492 | Selenium | 1.8 | LJ | mg/kg | 3.6 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440224 | Silver | 0.47 | LJ | mg/kg | 1.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440235 | Sodium | 580 | | mg/kg | 514 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440280 | Thallium | 2.6 | U | mg/kg | 2.6 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440622 | Vanadium | 42.0 | | mg/kg | 5.1 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |
| 42764 | MF6AA0 | MF6AB8 | D3729-20 | S | Field_Sample | 08/14/2012 | 16:27:58 | 7440666 | Zinc | 174 | J | mg/kg | 6.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 69.0 | 1.41 | 100 | P | DSE-13-24-515 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7429905 | Aluminum | 15500 | | mg/kg | 19.7 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440360 | Antimony | 7.1 | J- | mg/kg | 5.9 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440382 | Arsenic | 63.9 | | mg/kg | 0.99 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/18/2012 | 14:05:35 | 7440393 | Barium | 12400 | | mg/kg | 197 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440417 | Beryllium | 1.0 | | mg/kg | 0.49 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440439 | Cadmium | 0.83 | | mg/kg | 0.49 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440702 | Calcium | 7560 | | mg/kg | 494 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440473 | Chromium | 36.0 | | mg/kg | 0.99 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440484 | Cobalt | 13.5 | | mg/kg | 4.9 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440508 | Copper | 41.7 | | mg/kg | 2.5 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7439896 | Iron | 24300 | | mg/kg | 9.9 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7439921 | Lead | 184 | J | mg/kg | 0.99 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7439954 | Magnesium | 5750 | | mg/kg | 494 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7439965 | Manganese | 473 | | mg/kg | 1.5 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/17/2012 | 11:58:00 | 7439976 | Mercury | 0.25 | | mg/kg | 0.13 | 08/07/2012 | 08/15/2012 | 08/09/2012 | Low | 68.9 | .56 | 100 | CV | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440020 | Nickel | 32.7 | | mg/kg | 3.9 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440097 | Potassium | 2400 | | mg/kg | 494 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7782492 | Selenium | 1.7 | LJ | mg/kg | 3.5 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440224 | Silver | 0.80 | LJ | mg/kg | 0.99 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440235 | Sodium | 579 | | mg/kg | 494 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440280 | Thallium | 2.5 | U | mg/kg | 2.5 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440622 | Vanadium | 35.3 | | mg/kg | 4.9 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AB9 | D3729-21 | S | Field_Sample | 08/14/2012 | 16:34:30 | 7440666 | Zinc | 196 | J | mg/kg | 5.9 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 68.9 | 1.47 | 100 | P | DSE-13-48-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7429905 | Aluminum | 18900 | | mg/kg | 24.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440360 | Antimony | 1.5 | LJ- | mg/kg | 7.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440382 | Arsenic | 6.9 | | mg/kg | 1.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440393 | Barium | 204 | | mg/kg | 24.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440417 | Beryllium | 0.99 | | mg/kg | 0.60 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440439 | Cadmium | 0.60 | U | mg/kg | 0.60 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440702 | Calcium | 6250 | | mg/kg | 601 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440473 | Chromium | 18.1 | | mg/kg | 1.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440484 | Cobalt | 12.8 | | mg/kg | 6.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440508 | Copper | 17.6 | | mg/kg | 3.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7439896 | Iron | 29700 | | mg/kg | 12.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7439921 | Lead | 22.1 | J | mg/kg | 1.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7439954 | Magnesium | 6630 | | mg/kg | 601 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7439965 | Manganese | 597 | | mg/kg | 1.8 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/17/2012 | 12:04:00 | 7439976 | Mercury | 0.030 | LJ | mg/kg | 0.17 | 08/07/2012 | 08/15/2012 | 08/09/2012 | Low | 57.4 | .5 | 100 | CV | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440020 | Nickel | 32.0 | | mg/kg | 4.8 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440097 | Potassium | 3100 | | mg/kg | 601 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7782492 | Selenium | 2.6 | LJ | mg/kg | 4.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440224 | Silver | 0.30 | LJ | mg/kg | 1.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440235 | Sodium | 1450 | | mg/kg | 601 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440280 | Thallium | 3.0 | U | mg/kg | 3.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440622 | Vanadium | 42.8 | | mg/kg | 6.0 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |
| 42764 | MF6AA0 | MF6AC1 | D3729-22 | S | Field_Sample | 08/14/2012 | 16:41:04 | 7440666 | Zinc | 82.0 | J | mg/kg | 7.2 | 08/07/2012 | 08/13/2012 | 08/09/2012 | Low | 57.4 | 1.45 | 100 | P | DSE-13-96-515 |

# INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 42764 SDG No. MF6AA0 SDG Nos. To Follow Mod. Ref. No. Date Rec 08/30/12

EPA Lab ID: CHEM

Lab location: Mountainside, NJ

Region: 6 Audit No.: 42764/MF6AA0

Resubmitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

| Item | Description |
|---|---|
| 7 | The airbill number associated with some of the samples listed on one of the Form DC-1s was not recorded. |
| 11 | One airbill (#798710577117) was not submitted. |

The laboratory was contacted for both of these issues.

Over for additional comments

| ORIGINALS | YES | NO | N/A |
|---|---|---|---|
| **CUSTODY SEALS** | | | |
| 1. Present on package? | X | | |
| 2. Intact upon receipt? | X | | |
| **FORM DC-2** | | | |
| 3. Numbering scheme accurate? | X | | |
| 4. Are enclosed documents listed? | X | | |
| 5. Are listed documents enclosed? | X | | |
| **FORM DC-1** | | | |
| 6. Present? | X | | |
| 7. Complete? | | X | |
| 8. Accurate? | X | | |
| **TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)** | | | |
| 9. Signed? | X | | |
| 10. Dated? | X | | |
| **AIRBILLS/AIRBILL STICKER** | | | |
| 11. Present? | | X | |
| 12. Signed? | X | | |
| 13. Dated? | X | | |
| **SAMPLE TAGS** | | | |
| 14. Does DC-1 list tags as being included? | X | | |
| 15. Present? | X | | |
| **OTHER DOCUMENTS** | | | |
| 16. Complete? | X | | |
| 17. Legible? | X | | |
| 18. Original? | | X | |
| 18a. If "NO", does the copy indicate where original documents are located? | X | | |

Audited _____ Linda Hoffman/ESAT Data Reviewer Date 09/04/12

Audited _____ _____ Date _____

Signature Printed Name/Title

DC-2_

In Reference To Case No(s):
42764 SDG: MF6AA0 (I-0573)

**Contract Laboratory Program**
**REGIONAL/LABORATORY COMMUNICATION SYSTEM**

**Resubmission Request**

| | |
|---|---|
| **Laboratory Name:** | CHEM |
| **Lab Contact:** | Divya Mehta |
| **Region:** | 6 |
| **Regional Contact:** | Raymond Flores - EPA |
| **ESAT Reviewer:** | Linda Hoffman - ESAT |

**In reference to data for the following fractions:**

CSF Deliverables ICP-AES

**Summary of Questions/Issues:**

**CSF Deliverables**

1. Airbill #798710577117 was not submitted. Please submit a copy of this document paginated as 2348A, indicating the location of the original document. Please also revise Item 31 on Form DC-2-2 accordingly.

2. The airbill number associated with the samples listed on the COC Record on page 10 was not recorded on the Form DC-1 on page 6. Please resubmit page 6 with the airbill #798704718200 recorded.

**ICP-AES**

On Forms 1 and 6, the beryllium and cobalt results were "*"-flagged. However, on Form 6, the differences between the sample and duplicate results were not greater than the control limits. Please correct and resubmit Forms 1 and 6.

**NOTE:** Any submitted laboratory resubmission should be clearly marked as "Additional Data" with a cover letter included describing what data is being delivered, which Case the data pertains, and who requested the data (ISM01.3, p. B-8, sec. 2.2.1). Custody seals are required only for regular mail shipments.

Please respond to the above item **within 6 business days (ISM01.3, p. B-8, sec. 2.2)** by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

**Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy**

**USEPA CLP Inorganics COC (REGION COPY)**
DateShipped: 8/7/2012
CarrierName: FedEx
AirbillNo: 798704717556

**CHAIN OF CUSTODY RECORD**
Delta_Shipyard/LA
Case #: 42764
Cooler #: 1

**No: 6-080612-155959-0003**
Lab: ChemTech Consulting Group
Lab Contact: Snehal Mehta
Lab Phone: 908-789-8900

| Inorganic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Organic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| MF6AA0 | Soil/ START | Grab | TM + Hg | 6-463001 (Ice) (1) | DSE-04-12-515 | 08/06/2012 09:55 | F6AA0 | Field Sample |
| MF6AA1 | Soil/ START | Grab | TM + Hg | 6-463011 (Ice) (1) | DSE-04-24-515 | 08/06/2012 09:55 | F6AA1 | Field Sample |
| MF6AA2 | Soil/ START | Grab | TM + Hg | 6-463014 (Ice) (1) | DSE-04-48-515 | 08/06/2012 09:55 | F6AA2 | Field Sample |
| MF6AA3 | Soil/ START | Grab | TM + Hg | 6-463024 (Ice) (1) | DSE-04-72-515 | 08/06/2012 11:56 | F6AA3 | Field Sample |
| MF6AA4 | Soil/ START | Grab | TM + Hg | 6-463036 (Ice) (1) | DSE-04-96-515 | 08/06/2012 11:56 | F6AA4 | Field Sample |
| MF6AA5 | Soil/ START | Grab | TM + Hg | 6-463038 (Ice) (1) | DSE-07-12-515 | 08/06/2012 12:15 | F6AA5 | Field Sample |
| MF6AA6 | Soil/ START | Grab | TM + Hg | 6-463050 (Ice) (1) | DSE-07-24-515 | 08/06/2012 12:15 | F6AA6 | Field Sample |
| MF6AA7 | Soil/ START | Grab | TM + Hg | 6-463055 (Ice) (1) | DSE-07-48-515 | 08/06/2012 12:15 | F6AA7 | Field Sample |
| MF6AA8 | Soil/ START | Grab | TM + Hg | 6-463062 (Ice) (1) | DSE-07-72-515 | 08/06/2012 12:25 | F6AA8 | Field Sample |

Page 1 of 1

Sample(s) to be used for Lab QC: MF6AA4

**Shipment for Case Complete? N**
**Samples Transferred From Chain of Custody #**

Analysis Key: TM + Hg=Total Metals + Hg

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Samples to Fedex | [signature] | 8/7/12 | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

**USEPA CLP Inorganics COC (REGION COPY)**
DateShipped: 8/7/2012
CarrierName: FedEx
AirbillNo: 798704718200

**CHAIN OF CUSTODY RECORD**
Delta_Shipyard/LA
Case #: 42764
Cooler #: 2

**No: 6-080612-165138-0004**
Lab: ChemTech Consulting Group
Lab Contact: Snehal Mehta
Lab Phone: 908-789-8900

| Inorganic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Organic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| MF6AA9 | Soil/ START | Grab | TM + Hg | 6-463067 (Ice) (1) | DSE-07-96-515 | 08/06/2012 12:25 | F6AA9 | Field Sample |
| MF6AB0 | Soil/ START | Grab | TM + Hg | 6-463073 (Ice) (1) | DSE-10-12-515 | 08/06/2012 13:13 | F6AB0 | Field Sample |
| MF6AB1 | Soil/ START | Grab | TM + Hg | 6-463080 (Ice) (1) | DSE-10-24-515 | 08/06/2012 13:13 | F6AB1 | Field Sample |
| MF6AB2 | Soil/ START | Grab | TM + Hg | 6-463087 (Ice) (1) | DSE-10-48-515 | 08/06/2012 13:13 | F6AB2 | Field Sample |
| MF6AB3 | Soil/ START | Grab | TM + Hg | 6-463094 (Ice) (1) | DSE-10-72-515 | 08/06/2012 13:30 | F6AB3 | Field Sample |
| MF6AB4 | Soil/ START | Grab | TM + Hg | 6-463101 (Ice) (1) | DSE-10-96-515 | 08/06/2012 13:30 | F6AB4 | Field Sample |
| MF6AB5 | Water/ | Grab | TM + Hg | 6-463113 (HNO3 pH<2) (1) | DSE-10-96-435 | 08/06/2012 14:30 | F6AB5 | Rinsate Blank |

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| | |
|---|---|
| Special Instructions: Field QC: MF6AB5 | **Shipment for Case Complete? N** |
| | **Samples Transferred From Chain of Custody #** |
| Analysis Key: TM + Hg=Total Metals + Hg | |

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Samples to Fedex | [signature] | 8/7/12 | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

**USEPA CLP Inorganics COC (REGION COPY)**
DateShipped: 8/7/2012
CarrierName: FedEx
AirbillNo: 793875486827

**CHAIN OF CUSTODY RECORD**
Delta_Shipyard/LA
Case #: 42764
Cooler #: 3

**No: 6-080712-121207-0014**
Lab: ChemTech Consulting Group
Lab Contact: Snehal Mehta
Lab Phone: 908-789-8900

| Inorganic Sample # | Matrix/Sampler | Coll. Method | Analysis/Turnaround | Tag/Preservative/Bottles | Station Location | Collected | Organic Sample # | Sample Type |
|---|---|---|---|---|---|---|---|---|
| MF6AB7 | Soil/ START | Grab | TM + Hg | 6-463152 (Ice) (1) | DSE-15-12-515 | 08/07/2012 08:45 | F6AB7 | Field Sample |
| MF6AB8 | Soil/ START | Grab | TM + Hg | 6-463159 (Ice) (1) | DSE-15-24-515 | 08/07/2012 08:45 | F6AB8 | Field Sample |
| MF6AB9 | Soil/ START | Grab | TM + Hg | 6-463166 (Ice) (1) | DSE-15-48-515 | 08/07/2012 08:45 | F6AB9 | Field Sample |
| MF6AC0 | Soil/ START | Grab | TM + Hg | 6-463173 (Ice) (1) | DSE-15-72-515 | 08/07/2012 09:00 | F6AC0 | Field Sample |
| MF6AC1 | Soil/ START | Grab | TM + Hg | 6-463180 (Ice) (1) | DSE-15-96-515 | 08/07/2012 09:00 | F6AC1 | Field Sample |
| MF6AC8 | Soil/ START | Grab | TM + Hg | 6-463187 (Ice) (1) | DSE-16-12-515 | 08/07/2012 09:45 | F6AC8 | Field Sample |
| MF6AC9 | Soil/ START | Grab | TM + Hg | 6-463194 (Ice) (1) | DSE-16-24-515 | 08/07/2012 09:45 | F6AC9 | Field Sample |
| MF6AD0 | Soil/ START | Grab | TM + Hg | 6-463201 (Ice) (1) | DSE-16-48-515 | 08/07/2012 09:45 | F6AD0 | Field Sample |
| MF6AD1 | Soil/ START | Grab | TM + Hg | 6-463208 (Ice) (1) | DSE-16-72-515 | 08/07/2012 10:05 | F6AD1 | Field Sample |
| MF6AD2 | Soil/ START | Grab | TM + Hg | 6-463215 (Ice) (1) | DSE-16-96-515 | 08/07/2012 10:05 | F6AD2 | Field Sample |
| MF6AD3 | Soil/ START | Grab | TM + Hg | 6-463230 (Ice) (1) | DSE-06-12-515 | 08/07/2012 10:40 | F6AD3 | Field Sample |
| MF6AD4 | Soil/ START | Grab | TM + Hg | 6-463237 (Ice) (1) | DSE-06-24-515 | 08/07/2012 10:40 | F6AD4 | Field Sample |

Sample(s) to be used for Lab QC: MF6AC0

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TM + Hg=Total Metals + Hg

| Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FedEx | [signature] | 8/7/12 | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

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