Ft. Collins, Colorado LIMS Version: 6.824

Wednesday, August 17, 2016

Karen Waters-Husted
CH2M HILL Plateau Remediation Company
2420 Stevens Center
Richland, WA 99352

Re: ALS Workorder: 1607572
Project Name: 100-KR-4, AUGUST 2016
Project Number: I16-027

Dear Ms. Waters-Husted:

Two water samples were received from CH2M HILL Plateau Remediation Company, on 7/29/2016. The samples were scheduled for the following analysis:

Metals

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Julie Ellingson
Project Manager

ADDRESS 225 Commerce Drive, Fort Collins, Colorado, USA 80524 | PHONE +1 970 490 1511 | FAX +1 970 490 1522
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Environmental www.alsglobal.com
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ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 1607572
Client Name: CH2M HILL Plateau Remediation Company
Client Project Name: 100-KR-4, AUGUST 2016
Client Project Number: I16-027
Client PO Number: BOA 54854

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
B363K7	1607572-1		WATER	28-Jul-16	9:10
B363L5	1607572-2		WATER	28-Jul-16	9:10

7 4122

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I16-027-003

Collector	Karen Campbell CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650
SAF No.	I16-027	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071
Project Title	100KR4, AUGUST 2016	Logbook No.	HNF-N-506 82/96	Ice Chest No.	GWS 476
Shipped To (Lab)	ALS Environmental Ft. Collins	Method of Shipment	Commercial Carrier	Bill of Lading/Air Bill No.	7768680801 79
Protocol	CERCLA	Priority:	30 Days PRIORITY	Offsite Property No.	6880

POSSIBLE SAMPLE HAZARDS/REMARKS

** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐

N/A

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B363K7 (1)	N	W	7-28-16	0910	1x500-mL G/P	6010_METALS_ICP: COMMON; 6010_METALS_ICP: GW 03	6 Months	HNO3 to pH <2
B363L5 (2)	Y	W	7-28-16	0910	1x500-mL G/P	6010_METALS_ICP: COMMON; 6010_METALS_ICP: GW 03	6 Months	HNO3 to pH <2

1607572

8/17/2016
ALS1607572

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Karen Campbell CHPRC	Karen Campbell	JUL 2 8 2016 1021		Troy Bacon CHPRC	Troy L. Bacon	JUL 2 8 2016 1021
Relinquished By	Troy Bacon CHPRC	Troy L. Bacon	JUL 2 8 2016 1400	Received By	FEDEX		
Relinquished By	FedEx		7-29-16 0945	Received By	Scott Mally		7-29-16 0945
Relinquished By				Received By			

Matrix *

S = Soil		DS = Drum Solids	
SE = Sediment		DL = Drum Liquids	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wipe	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) Disposed By Date/Time

PRINTED ON 6/28/2016 FSR ID = FSR33789 A-6004-842 (REV 2)

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: CHPRC Workorder No: 1607572

Project Manager: JME Initials: SDM Date: 7-29-16

1. Does this project require any special handling in addition to standard ALS procedures?		YES	(NO)
2. Are custody seals on shipping containers intact?	NONE	(YES)	NO
3. Are Custody seals on sample containers intact?	NONE	(YES)	NO
4. Is there a COC (Chain-of-Custody) present or other representative documents?		(YES)	NO
5. Are the COC and bottle labels complete and legible?		(YES)	NO
6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		(YES)	NO
7. Were airbills / shipping documents present and/or removable?	DROP OFF	(YES)	NO
8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	N/A	(YES)	NO
9. Are all aqueous non-preserved samples pH 4-9?	(N/A)	YES	NO
10. Is there sufficient sample for the requested analyses?		(YES)	NO
11. Were all samples placed in the proper containers for the requested analyses?		(YES)	NO
12. Are all samples within holding times for the requested analyses?		(YES)	NO
13. Were all sample containers received intact? (not broken or leaking, etc.)		(YES)	NO
14. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, Rx CN/S, radon) headspace free? Size of bubble: ____ < green pea ____ > green pea	(N/A)	YES	NO
15. Do any water samples contain sediment? Amount Amount of sediment: ____ dusting ____ moderate ____ heavy	N/A	YES	(NO)
16. Were the samples shipped on ice?		YES	(NO)
17. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #2 #4	RAD ONLY	YES	(NO)

Cooler #:	1							
Temperature (°C):	AM6							
No. of custody seals on cooler:	2							
DOT Survey/ Acceptance Information — External µR/hr reading:	10							
Background µR/hr reading:	10							

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? (YES) / NO / NA (If no, see Form 008.)

Additional Information: PROVIDE DETAILS BELOW FOR A NO RESPONSE TO ANY QUESTION ABOVE, EXCEPT #1 AND #16.

If applicable, was the client contacted? YES / NO / (NA) Contact: _____ Date/Time: _____

Project Manager Signature / Date: JME 7/30/16

*IR Gun #2: Oakton, SN 29922500201-0066
*IR Gun #4: Oakton, SN 2372220101-0002

Form 201r24.xls (06/04/2012)

ORIGIN ID:PSCA (509) 373-3547
CHRIS FULTON
CH2M
8287 LATAH ST
RICHLAND, WA 99354
UNITED STATES US

SHIP DATE: 28JUL16
ACTWGT: 9.00 LB
CAD: 107086051/NET3790

BILL THIRD PARTY

TO JULIE ELLINGSON
225 COMMERCE DRIVE
FORT COLLINS CO 80524
(970) 490-1511
INV:
PO:
REF: PTR#6880
DEPT:

544J1/5CBD/14E9

FedEx Express

J1622160706601ser

FRI - 29 JUL 10:30A
PRIORITY OVERNIGHT
DSR
80524
DEN
CO-US

TRK# 0201 7768 6808 0179

XH FTCA

160 7572

10
-2
Aug

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
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Metals

Case Narrative

CH2M HILL Plateau Remediation Company

100-KR-4, AUGUST 2016 – I16-027

Work Order Number: 1607572

1. This report consists of 2 water samples for total recoverable or dissolved metals.

2. The samples were received intact at ambient temperature by ALS on 07/29/16.

3. The sample for dissolved metals had been filtered prior to receipt. Both samples had a pH less than 2 upon receipt.

4. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

   For analysis by Trace ICP, the samples were digested following method 3005A and the current revision of SOP 806.

5. Analysis by Trace ICP followed method 6010B and the current revision of SOP 834.

6. All standards and solutions are NIST traceable and were used within their recommended shelf life.

7. The samples were prepared and analyzed within the established hold time.

All in house quality control procedures were followed, as described below.

8. General quality control procedures.

   - A preparation (method) blank and laboratory control sample were digested and analyzed with the samples in this digestion batch.
   - The preparation (method) blank associated with this digestion batch was below the reporting limit for the requested analytes. Potassium and sodium were detected above the MDL. Sample results have been compared to the blank results.
   - All laboratory control sample criteria were met.

- All initial and continuing calibration blanks were below the reporting limit for the requested analytes.
- All initial and continuing calibration verifications were within the acceptance criteria for the requested analytes.
- The interference check samples and high standard readbacks associated with Method 6010B were within acceptance criteria.

9. Matrix specific quality control procedures.

   Sample 1607572-1 was designated as the quality control sample for this analysis.

   Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

   - A matrix spike and matrix spike duplicate were digested and analyzed with this batch. All acceptance criteria for accuracy were met.
   - A serial dilution was analyzed with this ICP batch. All acceptance criteria were met.

10. Sample dilutions were not required for the requested analysis.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Jill Latelle — 8/11/16
Jill Latelle — Date
Inorganics Primary Data Reviewer

8/17/16
Inorganics Final Data Reviewer — Date

Inorganic Data Reporting Qualifiers

The following qualifiers are used as needed by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A “B” is entered if the reported value was obtained from a reading that was less than the Reporting Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a “U” is entered. For samples, negative values are reported as non-detects (“U” flagged). For blanks, if the absolute value of the negative value is above the MDL and below the reporting limit, then the result is “B” flagged.

- QC qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

  M - Duplicate injection precision was not met.

  N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

  Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

  * - Duplicate analysis (relative percent difference) not within control limits.

  S - SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.

  C - The analyte was detected in both the sample and the associated QC blank, and the sample concentration was <=20X the blank concentration.

  D - Analyte was reported at a secondary dilution factor, typically DF>1 (i.e., the primary preparation required dilution to either bring the analyte within the calibration range or to minimize interference). Required for organics/wetchem if the sample was diluted.

Total Recoverable ICP Metals

Method SW6010B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 1607572
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-KR-4, AUGUST 2016 I16-027

Field ID: B363K7
Lab ID: 1607572-1

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 28-Jul-16
Date Extracted: 03-Aug-16
Date Analyzed: 04-Aug-16
Prep Method: SW3005 Rev A

Prep Batch: IP160803-11
QCBatchID: IP160803-11-9
Run ID: IT160804-1A6
Cleanup: NONE
Basis: As Received
File Name: 160804A.

Analyst: Steve Workman
Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: UG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Result Qualifier	EPA Qualifier
7440-36-0	ANTIMONY	1	5.4	20	5.4	U	
7440-38-2	ARSENIC	1	5.9	10	3.9	B	
7440-39-3	BARIUM	1	30	20	0.99		
7440-41-7	BERYLLIUM	1	0.4	4	0.4	U	
7440-43-9	CADMIUM	1	0.95	5	0.95	U	
7440-70-2	CALCIUM	1	47000	1000	23		
7440-47-3	CHROMIUM	1	21	10	1.1		
7440-48-4	COBALT	1	1	10	1	U	
7440-50-8	COPPER	1	12	8	1.9		
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	11000	750	21		
7439-96-5	MANGANESE	1	0.7	5	0.7	U	
7440-02-0	NICKEL	1	1.6	20	1.6	U	
7440-09-7	POTASSIUM	1	4600	1000	170		
7440-22-4	SILVER	1	1.6	10	1.6	U	
7440-23-5	SODIUM	1	12000	500	26		
7440-24-6	STRONTIUM	1	240	10	0.74		
7440-62-2	VANADIUM	1	9.5	10	0.93	B	
7440-66-6	ZINC	1	6.2	20	3	B	

Data Package ID: *it1607572-1*

Dissolved ICP Metals

Method SW6010B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 1607572
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-KR-4, AUGUST 2016 I16-027

Field ID: B363L5
Lab ID: 1607572-2

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 28-Jul-16
Date Extracted: 03-Aug-16
Date Analyzed: 04-Aug-16
Prep Method: SW3005 Rev A

Prep Batch: IP160803-11
QCBatchID: IP160803-11-9
Run ID: IT160804-1A6
Cleanup: NONE
Basis: As Received
File Name: 160804A.

Analyst: Steve Workman
Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: UG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Result Qualifier	EPA Qualifier
7440-36-0	ANTIMONY	1	5.4	20	5.4	U	
7440-38-2	ARSENIC	1	3.9	10	3.9	U	
7440-39-3	BARIUM	1	31	20	0.99		
7440-41-7	BERYLLIUM	1	0.4	4	0.4	U	
7440-43-9	CADMIUM	1	0.95	5	0.95	U	
7440-70-2	CALCIUM	1	48000	1000	23		
7440-47-3	CHROMIUM	1	21	10	1.1		
7440-48-4	COBALT	1	1	10	1	U	
7440-50-8	COPPER	1	5.5	8	1.9	B	
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	11000	750	21		
7439-96-5	MANGANESE	1	0.7	5	0.7	U	
7440-02-0	NICKEL	1	1.6	20	1.6	U	
7440-09-7	POTASSIUM	1	4700	1000	170		
7440-22-4	SILVER	1	1.6	10	1.6	U	
7440-23-5	SODIUM	1	12000	500	26		
7440-24-6	STRONTIUM	1	240	10	0.74		
7440-62-2	VANADIUM	1	9.6	10	0.93	B	
7440-66-6	ZINC	1	3	20	3	U	

Data Package ID: *it1607572-1*

ICP Metals

Method SW6010B

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 1607572
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-KR-4, AUGUST 2016 I16-027

Lab ID: IP160803-11MB

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Aug-16
Date Analyzed: 04-Aug-16

Prep Batch: IP160803-11
QCBatchID: IP160803-11-9
Run ID: IT160804-1A6
Cleanup: NONE
Basis: N/A
File Name: 160804A.

Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: UG/L
Clean DF: 1

CASNO	Target Analyte	DF	Result	RptLimit/ LOQ/LOD	MDL/DL	Result Qualifier	EPA Qualifier
7440-36-0	ANTIMONY	1	5.4	20	5.4	U	
7440-38-2	ARSENIC	1	3.9	10	3.9	U	
7440-39-3	BARIUM	1	0.99	20	0.99	U	
7440-41-7	BERYLLIUM	1	0.4	4	0.4	U	
7440-43-9	CADMIUM	1	0.95	5	0.95	U	
7440-70-2	CALCIUM	1	23	1000	23	U	
7440-47-3	CHROMIUM	1	1.1	10	1.1	U	
7440-48-4	COBALT	1	1	10	1	U	
7440-50-8	COPPER	1	1.9	8	1.9	U	
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	21	750	21	U	
7439-96-5	MANGANESE	1	0.7	5	0.7	U	
7440-02-0	NICKEL	1	1.6	20	1.6	U	
7440-09-7	POTASSIUM	1	230	1000	170	B	
7440-22-4	SILVER	1	1.6	10	1.6	U	
7440-23-5	SODIUM	1	80	500	26	B	
7440-24-6	STRONTIUM	1	0.74	10	0.74	U	
7440-62-2	VANADIUM	1	0.93	10	0.93	U	
7440-66-6	ZINC	1	3	20	3	U	

Data Package ID: *it1607572-1*

ICP Metals

Method SW6010B

Laboratory Control Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 1607572
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-KR-4, AUGUST 2016 I16-027

Lab ID: IP160803-11LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 08/03/2016
Date Analyzed: 08/04/2016
Prep Method: SW3005A

Prep Batch: IP160803-11
QCBatchID: IP160803-11-9
Run ID: IT160804-1A6
Cleanup: NONE
Basis: N/A
File Name: 160804A.

Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: UG/L
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-36-0	ANTIMONY	500	481	20		96	80 - 120%
7440-38-2	ARSENIC	1000	975	10		98	80 - 120%
7440-39-3	BARIUM	1000	1020	20		102	80 - 120%
7440-41-7	BERYLLIUM	50	52.3	4		105	80 - 120%
7440-43-9	CADMIUM	50	48.1	5		96	80 - 120%
7440-70-2	CALCIUM	40000	38700	1000		97	80 - 120%
7440-47-3	CHROMIUM	200	204	10		102	80 - 120%
7440-48-4	COBALT	500	492	10		98	80 - 120%
7440-50-8	COPPER	250	252	8		101	80 - 120%
7439-89-6	IRON	1000	943	50		94	80 - 120%
7439-95-4	MAGNESIUM	40000	39900	750		100	80 - 120%
7439-96-5	MANGANESE	500	501	5		100	80 - 120%
7440-02-0	NICKEL	500	496	20		99	80 - 120%
7440-09-7	POTASSIUM	40000	38700	1000		97	80 - 120%
7440-22-4	SILVER	100	98.1	10		98	80 - 120%
7440-23-5	SODIUM	40000	38600	500		96	80 - 120%
7440-24-6	STRONTIUM	500	498	10		100	80 - 120%
7440-62-2	VANADIUM	500	487	10		97	80 - 120%
7440-66-6	ZINC	500	517	20		103	80 - 120%

Data Package ID: *it1607572-1*

ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 1607572
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-KR-4, AUGUST 2016 I16-027

Field ID: B363K7
LabID: 1607572-1MS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 28-Jul-16
Date Extracted: 03-Aug-16
Date Analyzed: 04-Aug-16
Prep Method: SW3005 Rev A

Prep Batch: IP160803-11
QCBatchID: IP160803-11-9
Run ID: IT160804-1A6
Cleanup: NONE
Basis: As Received

Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: UG/L
File Name: 160804A.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-36-0	ANTIMONY	5.4	U	477		20	500	95	80 - 120%
7440-38-2	ARSENIC	5.9	B	967		10	1000	96	80 - 120%
7440-39-3	BARIUM	30		1040		20	1000	101	80 - 120%
7440-41-7	BERYLLIUM	0.4	U	51.8		4	50	104	80 - 120%
7440-43-9	CADMIUM	0.95	U	48.1		5	50	96	80 - 120%
7440-70-2	CALCIUM	47000		86800		1000	40000	99	80 - 120%
7440-47-3	CHROMIUM	21		222		10	200	101	80 - 120%
7440-48-4	COBALT	1	U	481		10	500	96	80 - 120%
7440-50-8	COPPER	12		264		8	250	101	80 - 120%
7439-89-6	IRON	16	U	929		50	1000	93	80 - 120%
7439-95-4	MAGNESIUM	11000		51300		750	40000	100	80 - 120%
7439-96-5	MANGANESE	0.7	U	492		5	500	98	80 - 120%
7440-02-0	NICKEL	1.6	U	485		20	500	97	80 - 120%
7440-09-7	POTASSIUM	4600		45000		1000	40000	101	80 - 120%
7440-22-4	SILVER	1.6	U	97.8		10	100	98	80 - 120%
7440-23-5	SODIUM	12000		52100		500	40000	101	80 - 120%
7440-24-6	STRONTIUM	240		734		10	500	100	80 - 120%
7440-62-2	VANADIUM	9.5	B	491		10	500	96	80 - 120%
7440-66-6	ZINC	6.2	B	507		20	500	100	80 - 120%

Data Package ID: *it1607572-1*

ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 1607572
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-KR-4, AUGUST 2016 I16-027

Field ID: B363K7
LabID: 1607572-1MSD

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 28-Jul-16
Date Extracted: 03-Aug-16
Date Analyzed: 04-Aug-16
Prep Method: SW3005 Rev A

Prep Batch: IP160803-11
QCBatchID: IP160803-11-9
Run ID: IT160804-1A6
Cleanup: NONE
Basis: As Received

Sample Aliquot: 50 g
Final Volume: 50 g
Result Units: UG/L
File Name: 160804A.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-36-0	ANTIMONY	489		500	98	20	20	2
7440-38-2	ARSENIC	979		1000	97	10	20	1
7440-39-3	BARIUM	1070		1000	104	20	20	2
7440-41-7	BERYLLIUM	52.7		50	105	4	20	2
7440-43-9	CADMIUM	49.1		50	98	5	20	2
7440-70-2	CALCIUM	88300		40000	102	1000	20	2
7440-47-3	CHROMIUM	226		200	103	10	20	2
7440-48-4	COBALT	490		500	98	10	20	2
7440-50-8	COPPER	267		250	102	8	20	1
7439-89-6	IRON	947		1000	95	50	20	2
7439-95-4	MAGNESIUM	52400		40000	103	750	20	2
7439-96-5	MANGANESE	502		500	100	5	20	2
7440-02-0	NICKEL	488		500	98	20	20	1
7440-09-7	POTASSIUM	46100		40000	104	1000	20	2
7440-22-4	SILVER	99.7		100	100	10	20	2
7440-23-5	SODIUM	53200		40000	104	500	20	2
7440-24-6	STRONTIUM	750		500	103	10	20	2
7440-62-2	VANADIUM	500		500	98	10	20	2
7440-66-6	ZINC	516		500	102	20	20	2

Data Package ID: *it1607572-1*