US EPA Region 10 Laboratory

Multi-Analyte Final Report

Project Code : SFP-078A
Site : SUMAS MOUNTAIN ASBESTOS SITE REGIONAL METHODS STUDY
Contact : Julie Wroble
Account : 2015T10P303DD210EGLA00

Sample : 14394100

Information : OCSP-01-D-01
Matrix : Soil
Weight Basis : Dry
Collected : 9/30/2014 10:53:00AM

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**16300**	**mg/Kg**		3/16/15	10
7440360	Antimony	45	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	45	mg/Kg	U	3/16/15	10
7440393	**Barium**	**161**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.99	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3460**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**56.6**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**22**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**34**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**38000**	**mg/Kg**		3/16/15	10
7439921	Lead	30	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**11200**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**744**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**120**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**990**	**mg/Kg**		3/16/15	10
7782492	Selenium	50	mg/Kg	U	3/16/15	10
7440224	Silver	9.9	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**110**	**mg/Kg**		3/16/15	10
7440280	Thallium	50	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**57.6**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**77.2**	**mg/Kg**		3/16/15	10

Sample : 14394101

Information : OCSP-01-D-02
Matrix : Soil
Collected : 9/30/2014 11:07:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**16000**	**mg/Kg**		3/16/15	10
7440360	Antimony	46	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	46	mg/Kg	U	3/16/15	10
7440393	**Barium**	**132**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.1	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**4170**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**50**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**21**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**29**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**30200**	**mg/Kg**		3/16/15	10
7439921	Lead	31	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**14500**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**579**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**880**	**mg/Kg**		3/16/15	10
7782492	Selenium	51	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**160**	**mg/Kg**		3/16/15	10
7440280	Thallium	51	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**48**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**83.3**	**mg/Kg**		3/16/15	10

Sample : 14394102

Information : OCSP-01-D-03
Matrix : Soil
Collected : 9/30/2014 11:22:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**7570**	**mg/Kg**		3/16/15	10
7440360	Antimony	44	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	44	mg/Kg	U	3/16/15	10
7440393	**Barium**	**112**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**4310**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**34**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**12**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**22**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**20000**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**8730**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**393**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**100**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**880**	**mg/Kg**		3/16/15	10
7782492	Selenium	49	mg/Kg	U	3/16/15	10
7440224	Silver	9.8	mg/Kg	U	3/16/15	10
7440235	Sodium	98	mg/Kg	U	3/16/15	10
7440280	Thallium	49	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**27**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**87.4**	**mg/Kg**		3/16/15	10

Sample : 14394103

Information : OCSP-01-D-04
Matrix : Soil
Collected : 9/30/2014 11:32:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**7190**	**mg/Kg**		3/16/15	10
7440360	Antimony	44	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	44	mg/Kg	U	3/16/15	10
7440393	**Barium**	**76.5**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.97	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3630**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**114**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**48**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**18**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**27300**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**77800**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**539**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**910**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	680	mg/Kg	U	3/16/15	10
7782492	Selenium	49	mg/Kg	U	3/16/15	10
7440224	Silver	9.7	mg/Kg	U	3/16/15	10
7440235	Sodium	97	mg/Kg	U	3/16/15	10
7440280	Thallium	49	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**22**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**95.4**	**mg/Kg**		3/16/15	10

Sample : 14394104

Information : OCSP-01-D-05
Matrix : Soil
Collected : 9/30/2014 11:47:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**10800**	**mg/Kg**		3/16/15	10
7440360	Antimony	44	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	44	mg/Kg	U	3/16/15	10
7440393	**Barium**	**159**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**5330**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**41**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**16**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**26**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**22100**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**13400**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**517**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**130**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**970**	**mg/Kg**		3/16/15	10
7782492	Selenium	49	mg/Kg	U	3/16/15	10
7440224	Silver	9.8	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**120**	**mg/Kg**		3/16/15	10
7440280	Thallium	49	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**34**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**109**	**mg/Kg**		3/16/15	10

Sample : 14394105

Information : OCSP-01-D-05
Matrix : Soil
Collected : 9/30/2014 11:47:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**10500**	**mg/Kg**		3/16/15	10
7440360	Antimony	44	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	44	mg/Kg	U	3/16/15	10
7440393	**Barium**	**157**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**5520**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**44**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**16**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**26**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**21400**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**14900**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**524**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**990**	**mg/Kg**		3/16/15	10
7782492	Selenium	49	mg/Kg	U	3/16/15	10
7440224	Silver	9.8	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**120**	**mg/Kg**		3/16/15	10
7440280	Thallium	49	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**35**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**112**	**mg/Kg**		3/16/15	10

Sample : 14394106

Information : OCSP-01-ISM-01
Matrix : Soil
Collected : 9/30/2014 12:23:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**18800**	**mg/Kg**		3/16/15	10
7440360	Antimony	48	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	48	mg/Kg	U	3/16/15	10
7440393	**Barium**	**158**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.1	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.3	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**7700**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**55.6**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**21**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**26.7**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**30100**	**mg/Kg**		3/16/15	10
7439921	Lead	32	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**19000**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**595**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**180**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**1400**	**mg/Kg**		3/16/15	10
7782492	Selenium	53	mg/Kg	U	3/16/15	10
7440224	Silver	11	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**950**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	53	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**51**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**96.3**	**mg/Kg**		3/16/15	10

Sample : 14394107

Information : OCSP-01-ISM-02
Matrix : Soil
Collected : 9/30/2014 12:20:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**21400**	**mg/Kg**		3/16/15	10
7440360	Antimony	46	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	46	mg/Kg	U	3/16/15	10
7440393	**Barium**	**170**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.1	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**7400**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**57.1**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**20**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**27.0**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**33300**	**mg/Kg**		3/16/15	10
7439921	Lead	31	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**14900**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**597**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**150**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**1500**	**mg/Kg**		3/16/15	10
7782492	Selenium	51	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**930**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	51	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**58.8**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**103**	**mg/Kg**		3/16/15	10

Sample : 14394108

Information : OCSP-01-ISM-03
Matrix : Soil
Collected : 9/30/2014 12:55:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**19100**	**mg/Kg**		3/16/15	10
7440360	Antimony	48	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	48	mg/Kg	U	3/16/15	10
7440393	**Barium**	**157**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.1	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.3	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**7200**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**55.4**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**26**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**30600**	**mg/Kg**		3/16/15	10
7439921	Lead	32	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**16600**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**558**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**160**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**1400**	**mg/Kg**		3/16/15	10
7782492	Selenium	53	mg/Kg	U	3/16/15	10
7440224	Silver	11	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**1100**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	53	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**50**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**103**	**mg/Kg**		3/16/15	10

Sample : 14394109

Information : OCSP-01-ISM-03
Matrix : Soil
Collected : 9/30/2014 12:55:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**19300**	**mg/Kg**		3/16/15	10
7440360	Antimony	46	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	46	mg/Kg	U	3/16/15	10
7440393	**Barium**	**159**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.1	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**7300**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**53.8**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**25**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**32200**	**mg/Kg**		3/16/15	10
7439921	Lead	31	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**16800**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**561**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**160**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**1500**	**mg/Kg**		3/16/15	10
7782492	Selenium	51	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**980**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	51	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**51.6**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**104**	**mg/Kg**		3/16/15	10

Sample : 14394110

Information : OCSP-01-ISM-03
Matrix : Soil
Collected : 9/30/2014 12:55:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**19100**	**mg/Kg**		3/16/15	10
7440360	Antimony	49	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	49	mg/Kg	U	3/16/15	10
7440393	**Barium**	**165**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.1	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.4	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**7200**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**54.3**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**25**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**30300**	**mg/Kg**		3/16/15	10
7439921	Lead	33	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**16100**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**584**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**150**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**1400**	**mg/Kg**		3/16/15	10
7782492	Selenium	54	mg/Kg	U	3/16/15	10
7440224	Silver	11	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**1100**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	54	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**54**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**103**	**mg/Kg**		3/16/15	10

Sample : 14394111

Information : OCSP-02-D-01
Matrix : Soil
Collected : 10/1/2014 11:22:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**13600**	**mg/Kg**		3/16/15	10
7440360	Antimony	43	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	43	mg/Kg	U	3/16/15	10
7440393	**Barium**	**111**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.96	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3080**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**44**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**17**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**21**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**26100**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**14600**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**470**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**120**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	670	mg/Kg	U	3/16/15	10
7782492	Selenium	48	mg/Kg	U	3/16/15	10
7440224	Silver	9.6	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**170**	**mg/Kg**		3/16/15	10
7440280	Thallium	48	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**44**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**65.7**	**mg/Kg**		3/16/15	10

Sample : 14394112

Information : OCSP-02-D-02
Matrix : Soil
Collected : 10/1/2014 11:39:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**15600**	**mg/Kg**		3/16/15	10
7440360	Antimony	45	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	45	mg/Kg	U	3/16/15	10
7440393	**Barium**	**121**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3480**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**50**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**25**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**28600**	**mg/Kg**		3/16/15	10
7439921	Lead	30	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**14500**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**569**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**120**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	700	mg/Kg	U	3/16/15	10
7782492	Selenium	50	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**200**	**mg/Kg**		3/16/15	10
7440280	Thallium	50	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**47**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**71.9**	**mg/Kg**		3/16/15	10

Sample : 14394113

Information : OCSP-02-D-03
Matrix : Soil
Collected : 10/1/2014 12:00:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**13400**	**mg/Kg**		3/16/15	10
7440360	Antimony	43	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	43	mg/Kg	U	3/16/15	10
7440393	**Barium**	**102**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.96	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3070**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**46**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**16**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**22**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**25600**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**16400**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**453**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	670	mg/Kg	U	3/16/15	10
7782492	Selenium	48	mg/Kg	U	3/16/15	10
7440224	Silver	9.6	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**190**	**mg/Kg**		3/16/15	10
7440280	Thallium	48	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**43**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**60.7**	**mg/Kg**		3/16/15	10

Sample : 14394114

Information : OCSP-02-D-04
Matrix : Soil
Collected : 10/1/2014 12:11:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**14300**	**mg/Kg**		3/16/15	10
7440360	Antimony	44	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	44	mg/Kg	U	3/16/15	10
7440393	**Barium**	**121**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.97	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3350**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**54.4**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**23**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**28000**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**17500**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**543**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**150**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	680	mg/Kg	U	3/16/15	10
7782492	Selenium	49	mg/Kg	U	3/16/15	10
7440224	Silver	9.7	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**170**	**mg/Kg**		3/16/15	10
7440280	Thallium	49	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**44**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**67.3**	**mg/Kg**		3/16/15	10

Sample : 14394115

Information : OCSP-02-D-05
Matrix : Soil
Collected : 10/1/2014 11:47:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**13900**	**mg/Kg**		3/16/15	10
7440360	Antimony	44	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	44	mg/Kg	U	3/16/15	10
7440393	**Barium**	**113**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**2970**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**46**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**17**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**25**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**26300**	**mg/Kg**		3/16/15	10
7439921	Lead	30	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**14800**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**461**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**130**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	690	mg/Kg	U	3/16/15	10
7782492	Selenium	49	mg/Kg	U	3/16/15	10
7440224	Silver	9.8	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**190**	**mg/Kg**		3/16/15	10
7440280	Thallium	49	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**44**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**65.6**	**mg/Kg**		3/16/15	10

Sample : 14394116

Information : OCSP-02-ISM-01
Matrix : Soil
Collected : 10/1/2014 11:48:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**24400**	**mg/Kg**		3/16/15	10
7440360	Antimony	46	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	46	mg/Kg	U	3/16/15	10
7440393	**Barium**	**146**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.1	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**7200**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**56.0**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**23**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**32300**	**mg/Kg**		3/16/15	10
7439921	Lead	31	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**16900**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**530**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**880**	**mg/Kg**		3/16/15	10
7782492	Selenium	51	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**1400**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	51	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**64.2**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**77.7**	**mg/Kg**		3/16/15	10

Sample : 14394117

Information : OCSP-02-ISM-02
Matrix : Soil
Collected : 10/1/2014 11:45:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**23700**	**mg/Kg**		3/16/15	10
7440360	Antimony	43	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	43	mg/Kg	U	3/16/15	10
7440393	**Barium**	**144**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.96	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**6900**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**55.5**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**24**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**32000**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**17000**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**543**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**820**	**mg/Kg**		3/16/15	10
7782492	Selenium	48	mg/Kg	U	3/16/15	10
7440224	Silver	9.6	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**1300**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	48	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**60.7**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**76.9**	**mg/Kg**		3/16/15	10

Sample : 14394118

Information : OCSP-02-ISM-03
Matrix : Soil
Collected : 10/1/2014 11:55:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**23900**	**mg/Kg**		3/16/15	10
7440360	Antimony	45	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	45	mg/Kg	U	3/16/15	10
7440393	**Barium**	**144**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.99	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**6900**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**54.6**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**24**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**31400**	**mg/Kg**		3/16/15	10
7439921	Lead	30	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**16500**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**528**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**880**	**mg/Kg**		3/16/15	10
7782492	Selenium	50	mg/Kg	U	3/16/15	10
7440224	Silver	9.9	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**1400**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	50	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**60.7**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**76.4**	**mg/Kg**		3/16/15	10

Sample : 14394119

Information : OCSP-03-D-01
Matrix : Soil
Collected : 10/1/2014 5:16:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**15400**	**mg/Kg**		3/16/15	10
7440360	Antimony	45	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	45	mg/Kg	U	3/16/15	10
7440393	**Barium**	**111**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.99	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3380**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**50.8**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**25**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**29400**	**mg/Kg**		3/16/15	10
7439921	Lead	30	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**15600**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**552**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**130**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	700	mg/Kg	U	3/16/15	10
7782492	Selenium	50	mg/Kg	U	3/16/15	10
7440224	Silver	9.9	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**200**	**mg/Kg**		3/16/15	10
7440280	Thallium	50	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**49**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**73.0**	**mg/Kg**		3/16/15	10

Sample : 14394120

Information : OCSP-03-D-02
Matrix : Soil
Collected : 10/1/2014 4:58:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**15800**	**mg/Kg**		3/16/15	10
7440360	Antimony	44	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	44	mg/Kg	U	3/16/15	10
7440393	**Barium**	**115**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3230**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**50.2**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**24**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**29700**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**16700**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**539**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	690	mg/Kg	U	3/16/15	10
7782492	Selenium	49	mg/Kg	U	3/16/15	10
7440224	Silver	9.8	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**210**	**mg/Kg**		3/16/15	10
7440280	Thallium	49	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**47**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**67.6**	**mg/Kg**		3/16/15	10

Sample : 14394121

Information : OCSP-03-D-02
Matrix : Soil
Collected : 10/1/2014 4:58:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**14800**	**mg/Kg**		3/16/15	10
7440360	Antimony	44	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	44	mg/Kg	U	3/16/15	10
7440393	**Barium**	**118**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.97	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3370**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**53.8**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**26**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**29800**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**16500**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**548**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	680	mg/Kg	U	3/16/15	10
7782492	Selenium	49	mg/Kg	U	3/16/15	10
7440224	Silver	9.7	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**220**	**mg/Kg**		3/16/15	10
7440280	Thallium	49	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**48.7**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**68.9**	**mg/Kg**		3/16/15	10

Sample : 14394122

Information : OCSP-03-D-03
Matrix : Soil
Collected : 10/1/2014 4:27:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**12100**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**87**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**2990**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**58.5**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**21**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**21**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**27200**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**28200**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**456**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**238**	**mg/Kg**		3/25/15	10
7440097	Potassium	690	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.8	mg/Kg	U	3/25/15	10
7440235	**Sodium**	**170**	**mg/Kg**		3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**40**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**59.2**	**mg/Kg**		3/25/15	10

Sample : 14394123

Information : OCSP-03-D-04
Matrix : Soil
Collected : 10/1/2014 4:38:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**7300**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**51**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.97	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**1430**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**192**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**70.1**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**17**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**38100**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**132000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**654**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1370**	**mg/Kg**		3/25/15	10
7440097	Potassium	680	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.7	mg/Kg	U	3/25/15	10
7440235	Sodium	97	mg/Kg	U	3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**27**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**34.7**	**mg/Kg**		3/25/15	10

Sample : 14394124

Information : OCSP-03-D-05
Matrix : Soil
Collected : 10/1/2014 4:47:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**14500**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**110**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**3100**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**47**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**18**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**22**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**29400**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**16800**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**538**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**143**	**mg/Kg**		3/25/15	10
7440097	Potassium	680	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.8	mg/Kg	U	3/25/15	10
7440235	**Sodium**	**180**	**mg/Kg**		3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**45**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**65.4**	**mg/Kg**		3/25/15	10

Sample : 14394125

Information : OCSP-03-ISM-01
Matrix : Soil
Collected : 10/1/2014 4:25:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**23100**	**mg/Kg**		3/16/15	10
7440360	Antimony	46	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	46	mg/Kg	U	3/16/15	10
7440393	**Barium**	**148**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.1	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**7000**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**71.0**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**24**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**25**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**33500**	**mg/Kg**		3/16/15	10
7439921	Lead	31	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**26200**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**600**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**230**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**810**	**mg/Kg**		3/16/15	10
7782492	Selenium	51	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**1400**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	51	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**61.8**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**79.0**	**mg/Kg**		3/16/15	10

Sample : 14394126

Information : OCSP-03-ISM-02
Matrix : Soil
Collected : 10/1/2014 4:25:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**22900**	**mg/Kg**		3/16/15	10
7440360	Antimony	46	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	46	mg/Kg	U	3/16/15	10
7440393	**Barium**	**137**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.1	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**6700**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**74.7**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**25**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**24**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**34000**	**mg/Kg**		3/16/15	10
7439921	Lead	31	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**30300**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**581**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**270**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**830**	**mg/Kg**		3/16/15	10
7782492	Selenium	51	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**1300**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	51	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**59.5**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**76.0**	**mg/Kg**		3/16/15	10

Sample : 14394127

Information : OCSP-03-ISM-03
Matrix : Soil
Collected : 10/1/2014 4:25:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**23800**	**mg/Kg**		3/16/15	10
7440360	Antimony	45	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	45	mg/Kg	U	3/16/15	10
7440393	**Barium**	**136**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**7000**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**67.1**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**25**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**25**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**33700**	**mg/Kg**		3/16/15	10
7439921	Lead	30	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**26900**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**568**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**230**	**mg/Kg**	J	3/16/15	10
7440097	**Potassium**	**880**	**mg/Kg**		3/16/15	10
7782492	Selenium	50	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**1300**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	50	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**57.8**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**77.9**	**mg/Kg**		3/16/15	10

Sample : 14394128

Information : OCSP-04-D-01
Matrix : Soil
Collected : 9/30/2014 4:42:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**11800**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**110**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.97	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**3460**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**154**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**62.1**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**24**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**42800**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**86900**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**846**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**884**	**mg/Kg**		3/25/15	10
7440097	Potassium	680	mg/Kg	U	3/25/15	10
7782492	Selenium	48	mg/Kg	U	3/25/15	10
7440224	Silver	9.7	mg/Kg	U	3/25/15	10
7440235	**Sodium**	**160**	**mg/Kg**		3/25/15	10
7440280	Thallium	48	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**36**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**79.2**	**mg/Kg**		3/25/15	10

Sample : 14394129

Information : OCSP-04-D-02
Matrix : Soil
Collected : 9/30/2014 4:30:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**10500**	**mg/Kg**		3/25/15	10
7440360	Antimony	45	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	45	mg/Kg	U	3/25/15	10
7440393	**Barium**	**81**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.99	mg/Kg	U	3/25/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**2450**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**236**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**88.0**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**24**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**46400**	**mg/Kg**		3/25/15	10
7439921	Lead	30	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**150000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**808**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1520**	**mg/Kg**		3/25/15	10
7440097	Potassium	700	mg/Kg	U	3/25/15	10
7782492	Selenium	50	mg/Kg	U	3/25/15	10
7440224	Silver	9.9	mg/Kg	U	3/25/15	10
7440235	Sodium	99	mg/Kg	U	3/25/15	10
7440280	Thallium	50	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**28**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**48.4**	**mg/Kg**		3/25/15	10

Sample : 14394130

Information : OCSP-04-D-03
Matrix : Soil
Collected : 9/30/2014 5:04:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**10700**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**97**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.97	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**2870**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**208**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**77.1**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**26.3**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**41900**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**125000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**795**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1330**	**mg/Kg**		3/25/15	10
7440097	Potassium	680	mg/Kg	U	3/25/15	10
7782492	Selenium	48	mg/Kg	U	3/25/15	10
7440224	Silver	9.7	mg/Kg	U	3/25/15	10
7440235	**Sodium**	**110**	**mg/Kg**		3/25/15	10
7440280	Thallium	48	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**30**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**50.6**	**mg/Kg**		3/25/15	10

Sample : 14394131

Information : OCSP-04-D-04
Matrix : Soil
Collected : 9/30/2014 5:17:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**8310**	**mg/Kg**		3/25/15	10
7440360	Antimony	43	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	43	mg/Kg	U	3/25/15	10
7440393	**Barium**	**72**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.96	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**2260**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**234**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**85.8**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**22**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**43300**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**154000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**753**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1570**	**mg/Kg**		3/25/15	10
7440097	Potassium	670	mg/Kg	U	3/25/15	10
7782492	Selenium	48	mg/Kg	U	3/25/15	10
7440224	Silver	9.6	mg/Kg	U	3/25/15	10
7440235	Sodium	96	mg/Kg	U	3/25/15	10
7440280	Thallium	48	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**24**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**42.9**	**mg/Kg**		3/25/15	10

Sample : 14394132

Information : OCSP-04-D-05
Matrix : Soil
Collected : 9/30/2014 4:54:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**8950**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**66**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**2030**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**240**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**89.9**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**24**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**43200**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**155000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**689**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1600**	**mg/Kg**		3/25/15	10
7440097	Potassium	690	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.8	mg/Kg	U	3/25/15	10
7440235	Sodium	98	mg/Kg	U	3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**26**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**43.7**	**mg/Kg**		3/25/15	10

Sample : 14394133

Information : OCSP-04-ISM-01
Matrix : Soil
Collected : 9/30/2014 5:30:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**11000**	**mg/Kg**		3/16/15	10
7440360	Antimony	46	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	46	mg/Kg	U	3/16/15	10
7440393	**Barium**	**92.1**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.1	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3900**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**212**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**76**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**19**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**44200**	**mg/Kg**		3/16/15	10
7439921	Lead	31	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**136000**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**909**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**1300**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	720	mg/Kg	U	3/16/15	10
7782492	Selenium	51	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**300**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	51	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**30**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**57.9**	**mg/Kg**		3/16/15	10

Sample : 14394134

Information : OCSP-04-ISM-02
Matrix : Soil
Collected : 9/30/2014 5:30:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**11900**	**mg/Kg**		3/16/15	10
7440360	Antimony	49	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	49	mg/Kg	U	3/16/15	10
7440393	**Barium**	**92.2**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.1	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.4	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3700**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**239**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**83**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**19**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**46700**	**mg/Kg**		3/16/15	10
7439921	Lead	33	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**147000**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**868**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**1500**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	760	mg/Kg	U	3/16/15	10
7782492	Selenium	54	mg/Kg	U	3/16/15	10
7440224	Silver	11	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**290**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	54	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**33**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**52.3**	**mg/Kg**		3/16/15	10

Sample : 14394135

Information : OCSP-04-ISM-03
Matrix : Soil
Collected : 9/30/2014 5:30:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**11200**	**mg/Kg**		3/16/15	10
7440360	Antimony	45	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	45	mg/Kg	U	3/16/15	10
7440393	**Barium**	**85.2**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3700**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**230**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**86**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**21**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**45800**	**mg/Kg**		3/16/15	10
7439921	Lead	30	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**150000**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**869**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**1500**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	700	mg/Kg	U	3/16/15	10
7782492	Selenium	50	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**300**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	50	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**31**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**52.4**	**mg/Kg**		3/16/15	10

Sample : 14394136

Information : OCSP-05-D-01
Matrix : Soil
Collected : 10/2/2014 9:54:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**4280**	**mg/Kg**		3/25/15	10
7440360	Antimony	43	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	43	mg/Kg	U	3/25/15	10
7440393	**Barium**	**41**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.96	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**1760**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**245**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**87.3**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**11**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**38900**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**157000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**711**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1740**	**mg/Kg**		3/25/15	10
7440097	Potassium	670	mg/Kg	U	3/25/15	10
7782492	Selenium	48	mg/Kg	U	3/25/15	10
7440224	Silver	9.6	mg/Kg	U	3/25/15	10
7440235	Sodium	96	mg/Kg	U	3/25/15	10
7440280	Thallium	48	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**16**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**30.8**	**mg/Kg**		3/25/15	10

Sample : 14394137

Information : OCSP-05-D-02
Matrix : Soil
Collected : 10/2/2014 10:21:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**4530**	**mg/Kg**		3/25/15	10
7440360	Antimony	45	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	45	mg/Kg	U	3/25/15	10
7440393	**Barium**	**56**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.99	mg/Kg	U	3/25/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**1520**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**243**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**90.6**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**11**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**40000**	**mg/Kg**		3/25/15	10
7439921	Lead	30	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**167000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**667**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1840**	**mg/Kg**		3/25/15	10
7440097	Potassium	690	mg/Kg	U	3/25/15	10
7782492	Selenium	50	mg/Kg	U	3/25/15	10
7440224	Silver	9.9	mg/Kg	U	3/25/15	10
7440235	Sodium	99	mg/Kg	U	3/25/15	10
7440280	Thallium	50	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**16**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**31.6**	**mg/Kg**		3/25/15	10

Sample : 14394138

Information : OCSP-05-D-02
Matrix : Soil
Collected : 10/2/2014 10:25:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**4590**	**mg/Kg**		3/25/15	10
7440360	Antimony	43	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	43	mg/Kg	U	3/25/15	10
7440393	**Barium**	**32**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.96	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**1170**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**258**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**82.4**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**11**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**36500**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**151000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**646**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1640**	**mg/Kg**		3/25/15	10
7440097	Potassium	670	mg/Kg	U	3/25/15	10
7782492	Selenium	48	mg/Kg	U	3/25/15	10
7440224	Silver	9.6	mg/Kg	U	3/25/15	10
7440235	Sodium	96	mg/Kg	U	3/25/15	10
7440280	Thallium	48	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**18**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**31.0**	**mg/Kg**		3/25/15	10

Sample : 14394139

Information : OCSP-05-D-03
Matrix : Soil
Collected : 10/2/2014 9:45:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**4320**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**27**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.99	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**1690**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**203**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**89.9**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**9.9**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**36000**	**mg/Kg**		3/25/15	10
7439921	Lead	30	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**153000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**666**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1800**	**mg/Kg**		3/25/15	10
7440097	Potassium	690	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.9	mg/Kg	U	3/25/15	10
7440235	Sodium	99	mg/Kg	U	3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**15**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**28.8**	**mg/Kg**		3/25/15	10

Sample : 14394140

Information : OCSP-05-D-04
Matrix : Soil
Collected : 10/2/2014 10:08:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**3560**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**40**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.97	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**1810**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**256**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**87.6**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**9.0**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**35000**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**159000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**640**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1780**	**mg/Kg**		3/25/15	10
7440097	Potassium	680	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.7	mg/Kg	U	3/25/15	10
7440235	Sodium	97	mg/Kg	U	3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**13**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**28.8**	**mg/Kg**		3/25/15	10

Sample : 14394141

Information : OCSP-05-D-05
Matrix : Soil
Collected : 10/2/2014 10:00:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**4120**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**26**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**2330**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**209**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**82.3**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**9.3**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**36000**	**mg/Kg**		3/25/15	10
7439921	Lead	30	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**150000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**653**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1650**	**mg/Kg**		3/25/15	10
7440097	Potassium	690	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.8	mg/Kg	U	3/25/15	10
7440235	Sodium	98	mg/Kg	U	3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**16**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**28.5**	**mg/Kg**		3/25/15	10

Sample : 14394142

Information : OCSP-05-ISM-01
Matrix : Soil
Collected : 10/2/2014 9:30:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**7100**	**mg/Kg**		3/16/15	10
7440360	Antimony	50	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	50	mg/Kg	U	3/16/15	10
7440393	**Barium**	**36.9**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.1	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.6	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3000**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**283**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**95**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**8.5**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**48100**	**mg/Kg**		3/16/15	10
7439921	Lead	34	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**184000**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**769**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**2000**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	780	mg/Kg	U	3/16/15	10
7782492	Selenium	56	mg/Kg	U	3/16/15	10
7440224	Silver	11	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**180**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	56	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**26**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**35.0**	**mg/Kg**		3/16/15	10

Sample : 14394143

Information : OCSP-05-ISM-02
Matrix : Soil
Collected : 10/2/2014 9:30:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**7210**	**mg/Kg**		3/16/15	10
7440360	Antimony	47	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	47	mg/Kg	U	3/16/15	10
7440393	**Barium**	**43.5**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.2	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**4200**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**271**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**95**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**9.4**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**47800**	**mg/Kg**		3/16/15	10
7439921	Lead	31	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**180000**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**780**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**2000**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	730	mg/Kg	U	3/16/15	10
7782492	Selenium	52	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**180**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	52	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**24**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**37.1**	**mg/Kg**		3/16/15	10

Sample : 14394144

Information : OCSP-05-ISM-03
Matrix : Soil
Collected : 10/2/2014 9:40:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**6270**	**mg/Kg**		3/16/15	10
7440360	Antimony	45	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	45	mg/Kg	U	3/16/15	10
7440393	**Barium**	**32.6**	**mg/Kg**		3/16/15	10
7440417	Beryllium	1.0	mg/Kg	U	3/16/15	10
7440439	Cadmium	5.0	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3100**	**mg/Kg**	J	3/16/15	10
7440473	**Chromium**	**329**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**96**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**7.9**	**mg/Kg**		3/16/15	10
7439896	**Iron**	**47000**	**mg/Kg**		3/16/15	10
7439921	Lead	30	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**188000**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**761**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**2000**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	700	mg/Kg	U	3/16/15	10
7782492	Selenium	50	mg/Kg	U	3/16/15	10
7440224	Silver	10	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**130**	**mg/Kg**	J	3/16/15	10
7440280	Thallium	50	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**24**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**34.2**	**mg/Kg**		3/16/15	10

Sample : 14394120 Sample Duplicate

Information : OCSP-03-D-02
Matrix : Soil
Weight Basis : Dry
Collected : 10/1/2014 4:58:00PM

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**15300**	**mg/Kg**		3/16/15	10
7440360	Antimony	43	mg/Kg	UJ	3/16/15	10
7440382	Arsenic	43	mg/Kg	U	3/16/15	10
7440393	**Barium**	**116**	**mg/Kg**		3/16/15	10
7440417	Beryllium	0.96	mg/Kg	U	3/16/15	10
7440439	Cadmium	4.8	mg/Kg	U	3/16/15	10
7440702	**Calcium**	**3340**	**mg/Kg**		3/16/15	10
7440473	**Chromium**	**51.6**	**mg/Kg**		3/16/15	10
7440484	**Cobalt**	**19**	**mg/Kg**	J	3/16/15	10
7440508	**Copper**	**26**	**mg/Kg**	J	3/16/15	10
7439896	**Iron**	**29800**	**mg/Kg**		3/16/15	10
7439921	Lead	29	mg/Kg	U	3/16/15	10
7439954	**Magnesium**	**17100**	**mg/Kg**		3/16/15	10
7439965	**Manganese**	**537**	**mg/Kg**		3/16/15	10
7440020	**Nickel**	**140**	**mg/Kg**	J	3/16/15	10
7440097	Potassium	670	mg/Kg	U	3/16/15	10
7782492	Selenium	48	mg/Kg	U	3/16/15	10
7440224	Silver	9.6	mg/Kg	U	3/16/15	10
7440235	**Sodium**	**220**	**mg/Kg**		3/16/15	10
7440280	Thallium	48	mg/Kg	U	3/16/15	10
7440622	**Vanadium**	**47**	**mg/Kg**		3/16/15	10
7440666	**Zinc**	**68.5**	**mg/Kg**		3/16/15	10

Sample : 14394137 Sample Duplicate

Information : OCSP-05-D-02
Matrix : Soil **Weight Basis :** Dry
Collected : 10/2/2014 10:21:00AM

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**4570**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**29**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**1400**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**233**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**87.2**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**15**	**mg/Kg**		3/25/15	10
7439896	**Iron**	**38000**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**160000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**649**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1720**	**mg/Kg**		3/25/15	10
7440097	Potassium	690	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.8	mg/Kg	U	3/25/15	10
7440235	Sodium	98	mg/Kg	U	3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**17**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**31.1**	**mg/Kg**		3/25/15	10

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 6010B - Inductively Coupled Plasma-Atomic Emission Spectrometry, SW-846

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	**Aluminum**	**4570**	**mg/Kg**		3/25/15	10
7440360	Antimony	44	mg/Kg	UJ	3/25/15	10
7440382	Arsenic	44	mg/Kg	U	3/25/15	10
7440393	**Barium**	**29**	**mg/Kg**	J	3/25/15	10
7440417	Beryllium	0.98	mg/Kg	U	3/25/15	10
7440439	Cadmium	4.9	mg/Kg	U	3/25/15	10
7440702	**Calcium**	**1400**	**mg/Kg**		3/25/15	10
7440473	**Chromium**	**233**	**mg/Kg**		3/25/15	10
7440484	**Cobalt**	**87.2**	**mg/Kg**		3/25/15	10
7440508	**Copper**	**15**	**mg/Kg**		3/25/15	10

Target Analyte Results (cont.):

7439896	**Iron**	**38000**	**mg/Kg**		3/25/15	10
7439921	Lead	29	mg/Kg	U	3/25/15	10
7439954	**Magnesium**	**160000**	**mg/Kg**		3/25/15	10
7439965	**Manganese**	**649**	**mg/Kg**		3/25/15	10
7440020	**Nickel**	**1720**	**mg/Kg**		3/25/15	10
7440097	Potassium	690	mg/Kg	U	3/25/15	10
7782492	Selenium	49	mg/Kg	U	3/25/15	10
7440224	Silver	9.8	mg/Kg	U	3/25/15	10
7440235	Sodium	98	mg/Kg	U	3/25/15	10
7440280	Thallium	49	mg/Kg	U	3/25/15	10
7440622	**Vanadium**	**17**	**mg/Kg**		3/25/15	10
7440666	**Zinc**	**31.1**	**mg/Kg**		3/25/15	10

Sample : 14394108 Matrix Spike

Information : OCSP-01-ISM-03
Matrix : Soil **Weight Basis :** Dry
Collected : 9/30/2014 12:55:00PM

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum			NA	3/16/15	10
7440360	Antimony	28	%Rec		3/16/15	10
7440382	Arsenic	102	%Rec		3/16/15	10
7440393	Barium	121	%Rec		3/16/15	10
7440417	Beryllium	105	%Rec		3/16/15	10
7440439	Cadmium	106	%Rec		3/16/15	10
7440702	Calcium	137	%Rec		3/16/15	10
7440473	Chromium	100	%Rec		3/16/15	10
7440484	Cobalt	108	%Rec		3/16/15	10
7440508	Copper	106	%Rec		3/16/15	10
7439896	Iron			NA	3/16/15	10
7439921	Lead	114	%Rec		3/16/15	10
7439954	Magnesium			NA	3/16/15	10
7439965	Manganese			NA	3/16/15	10
7440020	Nickel	131	%Rec		3/16/15	10
7440097	Potassium	108	%Rec		3/16/15	10
7782492	Selenium	108	%Rec		3/16/15	10
7440224	Silver	106	%Rec		3/16/15	10
7440235	Sodium	108	%Rec		3/16/15	10
7440280	Thallium	105	%Rec		3/16/15	10
7440622	Vanadium	106	%Rec		3/16/15	10
7440666	Zinc	108	%Rec		3/16/15	10

Sample : 14394120 Matrix Spike

Information : OCSP-03-D-02
Matrix : Soil
Collected : 10/1/2014 4:58:00PM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum			NA	3/16/15	10
7440360	Antimony	38	%Rec		3/16/15	10
7440382	Arsenic	103	%Rec		3/16/15	10
7440393	Barium	102	%Rec		3/16/15	10
7440417	Beryllium	102	%Rec		3/16/15	10
7440439	Cadmium	95	%Rec		3/16/15	10
7440702	Calcium	106	%Rec		3/16/15	10
7440473	Chromium	98	%Rec		3/16/15	10
7440484	Cobalt	105	%Rec		3/16/15	10
7440508	Copper	102	%Rec		3/16/15	10
7439896	Iron			NA	3/16/15	10
7439921	Lead	108	%Rec		3/16/15	10
7439954	Magnesium			NA	3/16/15	10
7439965	Manganese			NA	3/16/15	10
7440020	Nickel	109	%Rec		3/16/15	10
7440097	Potassium	116	%Rec		3/16/15	10
7782492	Selenium	100	%Rec		3/16/15	10
7440224	Silver	88	%Rec		3/16/15	10
7440235	Sodium	101	%Rec		3/16/15	10
7440280	Thallium	102	%Rec		3/16/15	10
7440622	Vanadium	97	%Rec		3/16/15	10
7440666	Zinc	104	%Rec		3/16/15	10

Sample : 14394137 Matrix Spike

Information : OCSP-05-D-02
Matrix : Soil
Collected : 10/2/2014 10:21:00AM
Weight Basis : Dry

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum			NA	3/25/15	10
7440360	Antimony	16	%Rec		3/25/15	10
7440382	Arsenic	100	%Rec		3/25/15	10
7440393	Barium	81	%Rec		3/25/15	10
7440417	Beryllium	99	%Rec		3/25/15	10
7440439	Cadmium	104	%Rec		3/25/15	10
7440702	Calcium	88	%Rec		3/25/15	10
7440473	Chromium			NA	3/25/15	10
7440484	Cobalt	103	%Rec		3/25/15	10
7440508	Copper	99	%Rec		3/25/15	10
7439896	Iron			NA	3/25/15	10
7439921	Lead	103	%Rec		3/25/15	10
7439954	Magnesium			NA	3/25/15	10
7439965	Manganese	102	%Rec		3/25/15	10
7440020	Nickel			NA	3/25/15	10
7440097	Potassium	109	%Rec		3/25/15	10
7782492	Selenium	102	%Rec		3/25/15	10
7440224	Silver	90	%Rec		3/25/15	10
7440235	Sodium	100	%Rec		3/25/15	10
7440280	Thallium	106	%Rec		3/25/15	10
7440622	Vanadium	101	%Rec		3/25/15	10
7440666	Zinc	99	%Rec		3/25/15	10

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 6010B - Inductively Coupled Plasma-Atomic Emission Spectrometry, SW-846

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum			NA	3/25/15	10
7440360	Antimony	16	%Rec		3/25/15	10
7440382	Arsenic	100	%Rec		3/25/15	10
7440393	Barium	81	%Rec		3/25/15	10
7440417	Beryllium	99	%Rec		3/25/15	10
7440439	Cadmium	104	%Rec		3/25/15	10
7440702	Calcium	88	%Rec		3/25/15	10
7440473	Chromium			NA	3/25/15	10
7440484	Cobalt	103	%Rec		3/25/15	10
7440508	Copper	99	%Rec		3/25/15	10

Spiked Compounds (cont.):

7439896	Iron			NA	3/25/15	10
7439921	Lead	103	%Rec		3/25/15	10
7439954	Magnesium			NA	3/25/15	10
7439965	Manganese	102	%Rec		3/25/15	10
7440020	Nickel			NA	3/25/15	10
7440097	Potassium	109	%Rec		3/25/15	10
7782492	Selenium	102	%Rec		3/25/15	10
7440224	Silver	90	%Rec		3/25/15	10
7440235	Sodium	100	%Rec		3/25/15	10
7440280	Thallium	106	%Rec		3/25/15	10
7440622	Vanadium	101	%Rec		3/25/15	10
7440666	Zinc	99	%Rec		3/25/15	10

Sample : 14394108 Matrix Spike#2

Information : OCSP-01-ISM-03
Matrix : Soil **Weight Basis :** Dry
Collected : 9/30/2014 12:55:00PM

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum			NA	3/16/15	10
7440360	Antimony	29	%Rec		3/16/15	10
7440382	Arsenic	102	%Rec		3/16/15	10
7440393	Barium	121	%Rec		3/16/15	10
7440417	Beryllium	105	%Rec		3/16/15	10
7440439	Cadmium	106	%Rec		3/16/15	10
7440702	Calcium	140	%Rec		3/16/15	10
7440473	Chromium	118	%Rec		3/16/15	10
7440484	Cobalt	105	%Rec		3/16/15	10
7440508	Copper	107	%Rec		3/16/15	10
7439896	Iron			NA	3/16/15	10
7439921	Lead	116	%Rec		3/16/15	10
7439954	Magnesium			NA	3/16/15	10
7439965	Manganese			NA	3/16/15	10
7440020	Nickel	112	%Rec		3/16/15	10
7440097	Potassium	108	%Rec		3/16/15	10
7782492	Selenium	109	%Rec		3/16/15	10
7440224	Silver	106	%Rec		3/16/15	10
7440235	Sodium	109	%Rec		3/16/15	10
7440280	Thallium	105	%Rec		3/16/15	10
7440622	Vanadium	107	%Rec		3/16/15	10
7440666	Zinc	104	%Rec		3/16/15	10

Sample : 14394120 Matrix Spike#2

Information : OCSP-03-D-02
Matrix : Soil
Weight Basis : Dry
Collected : 10/1/2014 4:58:00PM

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum			NA	3/16/15	10
7440360	Antimony	41	%Rec		3/16/15	10
7440382	Arsenic	104	%Rec		3/16/15	10
7440393	Barium	101	%Rec		3/16/15	10
7440417	Beryllium	103	%Rec		3/16/15	10
7440439	Cadmium	99	%Rec		3/16/15	10
7440702	Calcium	107	%Rec		3/16/15	10
7440473	Chromium	100	%Rec		3/16/15	10
7440484	Cobalt	104	%Rec		3/16/15	10
7440508	Copper	102	%Rec		3/16/15	10
7439896	Iron			NA	3/16/15	10
7439921	Lead	108	%Rec		3/16/15	10
7439954	Magnesium			NA	3/16/15	10
7439965	Manganese			NA	3/16/15	10
7440020	Nickel	107	%Rec		3/16/15	10
7440097	Potassium	118	%Rec		3/16/15	10
7782492	Selenium	102	%Rec		3/16/15	10
7440224	Silver	87	%Rec		3/16/15	10
7440235	Sodium	102	%Rec		3/16/15	10
7440280	Thallium	103	%Rec		3/16/15	10
7440622	Vanadium	97	%Rec		3/16/15	10
7440666	Zinc	102	%Rec		3/16/15	10

Sample : 14394137 Matrix Spike#2

Information : OCSP-05-D-02
Matrix : Soil **Weight Basis :** Dry
Collected : 10/2/2014 10:21:00AM

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum			NA	3/25/15	10
7440360	Antimony	20	%Rec		3/25/15	10
7440382	Arsenic	99	%Rec		3/25/15	10
7440393	Barium	81	%Rec		3/25/15	10
7440417	Beryllium	101	%Rec		3/25/15	10
7440439	Cadmium	100	%Rec		3/25/15	10
7440702	Calcium	79	%Rec		3/25/15	10
7440473	Chromium			NA	3/25/15	10
7440484	Cobalt	102	%Rec		3/25/15	10
7440508	Copper	99	%Rec		3/25/15	10
7439896	Iron			NA	3/25/15	10
7439921	Lead	102	%Rec		3/25/15	10
7439954	Magnesium			NA	3/25/15	10
7439965	Manganese	98	%Rec		3/25/15	10
7440020	Nickel			NA	3/25/15	10
7440097	Potassium	108	%Rec		3/25/15	10
7782492	Selenium	103	%Rec		3/25/15	10
7440224	Silver	92	%Rec		3/25/15	10
7440235	Sodium	100	%Rec		3/25/15	10
7440280	Thallium	107	%Rec		3/25/15	10
7440622	Vanadium	102	%Rec		3/25/15	10
7440666	Zinc	98	%Rec		3/25/15	10

Parameter : ICP-SAS
Fraction : Total
Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN
Analysis Method: 6010B - Inductively Coupled Plasma-Atomic Emission Spectrometry, SW-846

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum			NA	3/25/15	10
7440360	Antimony	20	%Rec		3/25/15	10
7440382	Arsenic	99	%Rec		3/25/15	10
7440393	Barium	81	%Rec		3/25/15	10
7440417	Beryllium	101	%Rec		3/25/15	10
7440439	Cadmium	100	%Rec		3/25/15	10
7440702	Calcium	79	%Rec		3/25/15	10
7440473	Chromium			NA	3/25/15	10
7440484	Cobalt	102	%Rec		3/25/15	10
7440508	Copper	99	%Rec		3/25/15	10

Spiked Compounds (cont.):

7439896	Iron			NA	3/25/15	10
7439921	Lead	102	%Rec		3/25/15	10
7439954	Magnesium			NA	3/25/15	10
7439965	Manganese	98	%Rec		3/25/15	10
7440020	Nickel			NA	3/25/15	10
7440097	Potassium	108	%Rec		3/25/15	10
7782492	Selenium	103	%Rec		3/25/15	10
7440224	Silver	92	%Rec		3/25/15	10
7440235	Sodium	100	%Rec		3/25/15	10
7440280	Thallium	107	%Rec		3/25/15	10
7440622	Vanadium	102	%Rec		3/25/15	10
7440666	Zinc	98	%Rec		3/25/15	10

Sample : IS032315ABL Blank

Information : Blank

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN

Analysis Method: 6010B - Inductively Coupled Plasma-Atomic Emission Spectrometry, SW-846

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	Aluminum	10	mg/Kg	U	3/25/15	1
7440360	Antimony	4.5	mg/Kg	U	3/25/15	1
7440382	Arsenic	4.5	mg/Kg	U	3/25/15	1
7440393	Barium	0.20	mg/Kg	U	3/25/15	1
7440417	Beryllium	0.10	mg/Kg	U	3/25/15	1
7440439	Cadmium	0.50	mg/Kg	U	3/25/15	1
7440702	Calcium	5.0	mg/Kg	U	3/25/15	1
7440473	Chromium	1.0	mg/Kg	U	3/25/15	1
7440484	Cobalt	0.50	mg/Kg	U	3/25/15	1
7440508	Copper	0.50	mg/Kg	U	3/25/15	1
7439896	Iron	2.0	mg/Kg	U	3/25/15	1
7439921	Lead	3.0	mg/Kg	U	3/25/15	1
7439954	Magnesium	5.0	mg/Kg	U	3/25/15	1
7439965	Manganese	0.30	mg/Kg	U	3/25/15	1
7440020	Nickel	1.0	mg/Kg	U	3/25/15	1
7440097	Potassium	70	mg/Kg	U	3/25/15	1
7782492	Selenium	5.0	mg/Kg	U	3/25/15	1
7440224	Silver	1.0	mg/Kg	U	3/25/15	1
7440235	Sodium	10	mg/Kg	U	3/25/15	1
7440280	Thallium	5.0	mg/Kg	U	3/25/15	1
7440622	Vanadium	1.0	mg/Kg	U	3/25/15	1
7440666	Zinc	0.50	mg/Kg	U	3/25/15	1

Sample : IS102914ABL Blank

Information : Blank

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling

Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	Aluminum	10	mg/Kg	U	3/16/15	1
7440360	Antimony	4.5	mg/Kg	U	3/16/15	1
7440382	Arsenic	4.5	mg/Kg	U	3/16/15	1
7440393	Barium	0.20	mg/Kg	U	3/16/15	1
7440417	Beryllium	0.10	mg/Kg	U	3/16/15	1
7440439	Cadmium	0.50	mg/Kg	U	3/16/15	1
7440702	**Calcium**	**6.3**	**mg/Kg**		3/16/15	1
7440473	Chromium	1.0	mg/Kg	U	3/16/15	1
7440484	Cobalt	0.50	mg/Kg	U	3/16/15	1
7440508	Copper	0.50	mg/Kg	U	3/16/15	1
7439896	Iron	2.0	mg/Kg	U	3/16/15	1
7439921	Lead	3.0	mg/Kg	U	3/16/15	1
7439954	Magnesium	5.0	mg/Kg	U	3/16/15	1
7439965	Manganese	0.30	mg/Kg	U	3/16/15	1
7440020	Nickel	1.0	mg/Kg	U	3/16/15	1
7440097	Potassium	70	mg/Kg	U	3/16/15	1
7782492	Selenium	5.0	mg/Kg	U	3/16/15	1
7440224	Silver	1.0	mg/Kg	U	3/16/15	1
7440235	Sodium	10	mg/Kg	U	3/16/15	1
7440280	Thallium	5.0	mg/Kg	U	3/16/15	1
7440622	Vanadium	1.0	mg/Kg	U	3/16/15	1
7440666	**Zinc**	**0.99**	**mg/Kg**		3/16/15	1

Sample : IS110514ABL Blank

Information : Blank

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN

Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Target Analyte Results:						
7429905	Aluminum	10	mg/Kg	U	3/16/15	1
7440360	Antimony	4.5	mg/Kg	U	3/16/15	1
7440382	Arsenic	4.5	mg/Kg	U	3/16/15	1
7440393	Barium	0.20	mg/Kg	U	3/16/15	1
7440417	Beryllium	0.10	mg/Kg	U	3/16/15	1
7440439	Cadmium	0.50	mg/Kg	U	3/16/15	1
7440702	Calcium	25	mg/Kg	U	3/16/15	1
7440473	Chromium	1.0	mg/Kg	U	3/16/15	1
7440484	Cobalt	0.50	mg/Kg	U	3/16/15	1
7440508	Copper	0.50	mg/Kg	U	3/16/15	1
7439896	Iron	2.0	mg/Kg	U	3/16/15	1
7439921	Lead	3.0	mg/Kg	U	3/16/15	1
7439954	Magnesium	5.0	mg/Kg	U	3/16/15	1
7439965	Manganese	0.30	mg/Kg	U	3/16/15	1
7440020	Nickel	1.0	mg/Kg	U	3/16/15	1
7440097	Potassium	70	mg/Kg	U	3/16/15	1
7782492	Selenium	5.0	mg/Kg	U	3/16/15	1
7440224	Silver	1.0	mg/Kg	U	3/16/15	1
7440235	Sodium	10	mg/Kg	U	3/16/15	1
7440280	Thallium	5.0	mg/Kg	U	3/16/15	1
7440622	Vanadium	1.0	mg/Kg	U	3/16/15	1
7440666	Zinc	0.50	mg/Kg	U	3/16/15	1

Sample : IS032315AL1 Lab Control Std

Information : Lab Control Standard

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN

Analysis Method: 6010B - Inductively Coupled Plasma-Atomic Emission Spectrometry, SW-846

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum	97	%Rec		3/25/15	1
7440360	Antimony	100	%Rec		3/25/15	1
7440382	Arsenic	97	%Rec		3/25/15	1
7440393	Barium	101	%Rec		3/25/15	1
7440417	Beryllium	99	%Rec		3/25/15	1
7440439	Cadmium	103	%Rec		3/25/15	1
7440702	Calcium	93	%Rec		3/25/15	1
7440473	Chromium	97	%Rec		3/25/15	1
7440484	Cobalt	103	%Rec		3/25/15	1
7440508	Copper	99	%Rec		3/25/15	1
7439896	Iron	101	%Rec		3/25/15	1
7439921	Lead	98	%Rec		3/25/15	1
7439954	Magnesium	102	%Rec		3/25/15	1
7439965	Manganese	100	%Rec		3/25/15	1
7440020	Nickel	100	%Rec		3/25/15	1
7440097	Potassium	100	%Rec		3/25/15	1
7782492	Selenium	103	%Rec		3/25/15	1
7440224	Silver	87	%Rec		3/25/15	1
7440235	Sodium	95	%Rec		3/25/15	1
7440280	Thallium	104	%Rec		3/25/15	1
7440622	Vanadium	100	%Rec		3/25/15	1
7440666	Zinc	100	%Rec		3/25/15	1

Sample : IS102914AL1 Lab Control Std

Information : Lab Control Standard

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling

Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum	102	%Rec		3/16/15	1
7440360	Antimony	101	%Rec		3/16/15	1
7440382	Arsenic	96	%Rec		3/16/15	1
7440393	Barium	103	%Rec		3/16/15	1
7440417	Beryllium	100	%Rec		3/16/15	1
7440439	Cadmium	105	%Rec		3/16/15	1
7440702	Calcium	97	%Rec		3/16/15	1
7440473	Chromium	95	%Rec		3/16/15	1
7440484	Cobalt	102	%Rec		3/16/15	1
7440508	Copper	100	%Rec		3/16/15	1
7439896	Iron	101	%Rec		3/16/15	1
7439921	Lead	99	%Rec		3/16/15	1
7439954	Magnesium	106	%Rec		3/16/15	1
7439965	Manganese	101	%Rec		3/16/15	1
7440020	Nickel	102	%Rec		3/16/15	1
7440097	Potassium	104	%Rec		3/16/15	1
7782492	Selenium	104	%Rec		3/16/15	1
7440224	Silver	89	%Rec		3/16/15	1
7440235	Sodium	101	%Rec		3/16/15	1
7440280	Thallium	105	%Rec		3/16/15	1
7440622	Vanadium	100	%Rec		3/16/15	1
7440666	Zinc	100	%Rec		3/16/15	1

Sample : IS110514AL1 Lab Control Std

Information : Lab Control Standard

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN

Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum	99	%Rec		3/16/15	1
7440360	Antimony	103	%Rec		3/16/15	1
7440382	Arsenic	97	%Rec		3/16/15	1
7440393	Barium	108	%Rec		3/16/15	1
7440417	Beryllium	102	%Rec		3/16/15	1
7440439	Cadmium	109	%Rec		3/16/15	1
7440702	Calcium	96	%Rec		3/16/15	1
7440473	Chromium	98	%Rec		3/16/15	1
7440484	Cobalt	104	%Rec		3/16/15	1
7440508	Copper	103	%Rec		3/16/15	1
7439896	Iron	103	%Rec		3/16/15	1
7439921	Lead	100	%Rec		3/16/15	1
7439954	Magnesium	104	%Rec		3/16/15	1
7439965	Manganese	104	%Rec		3/16/15	1
7440020	Nickel	105	%Rec		3/16/15	1
7440097	Potassium	103	%Rec		3/16/15	1
7782492	Selenium	107	%Rec		3/16/15	1
7440224	Silver	92	%Rec		3/16/15	1
7440235	Sodium	99	%Rec		3/16/15	1
7440280	Thallium	110	%Rec		3/16/15	1
7440622	Vanadium	102	%Rec		3/16/15	1
7440666	Zinc	101	%Rec		3/16/15	1

Sample : IS032315AL2 Lab Control Std#2

Information : Lab Control Standard Dup.

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN

Analysis Method: 6010B - Inductively Coupled Plasma-Atomic Emission Spectrometry, SW-846

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum	98	%Rec		3/25/15	1
7440360	Antimony	100	%Rec		3/25/15	1
7440382	Arsenic	97	%Rec		3/25/15	1
7440393	Barium	103	%Rec		3/25/15	1
7440417	Beryllium	100	%Rec		3/25/15	1
7440439	Cadmium	103	%Rec		3/25/15	1
7440702	Calcium	94	%Rec		3/25/15	1
7440473	Chromium	97	%Rec		3/25/15	1
7440484	Cobalt	103	%Rec		3/25/15	1
7440508	Copper	99	%Rec		3/25/15	1
7439896	Iron	102	%Rec		3/25/15	1
7439921	Lead	98	%Rec		3/25/15	1
7439954	Magnesium	103	%Rec		3/25/15	1
7439965	Manganese	101	%Rec		3/25/15	1
7440020	Nickel	100	%Rec		3/25/15	1
7440097	Potassium	101	%Rec		3/25/15	1
7782492	Selenium	104	%Rec		3/25/15	1
7440224	Silver	88	%Rec		3/25/15	1
7440235	Sodium	96	%Rec		3/25/15	1
7440280	Thallium	105	%Rec		3/25/15	1
7440622	Vanadium	100	%Rec		3/25/15	1
7440666	Zinc	100	%Rec		3/25/15	1

Sample : IS102914AL2 Lab Control Std#2

Information : Lab Control Standard Dup.

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2-MIS - Metals, total recoverable, water, soil, Incremental Subsampling

Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum	103	%Rec		3/16/15	1
7440360	Antimony	102	%Rec		3/16/15	1
7440382	Arsenic	98	%Rec		3/16/15	1
7440393	Barium	104	%Rec		3/16/15	1
7440417	Beryllium	100	%Rec		3/16/15	1
7440439	Cadmium	106	%Rec		3/16/15	1
7440702	Calcium	97	%Rec		3/16/15	1
7440473	Chromium	96	%Rec		3/16/15	1
7440484	Cobalt	103	%Rec		3/16/15	1
7440508	Copper	101	%Rec		3/16/15	1
7439896	Iron	101	%Rec		3/16/15	1
7439921	Lead	100	%Rec		3/16/15	1
7439954	Magnesium	106	%Rec		3/16/15	1
7439965	Manganese	102	%Rec		3/16/15	1
7440020	Nickel	104	%Rec		3/16/15	1
7440097	Potassium	104	%Rec		3/16/15	1
7782492	Selenium	105	%Rec		3/16/15	1
7440224	Silver	90	%Rec		3/16/15	1
7440235	Sodium	101	%Rec		3/16/15	1
7440280	Thallium	107	%Rec		3/16/15	1
7440622	Vanadium	100	%Rec		3/16/15	1
7440666	Zinc	101	%Rec		3/16/15	1

Sample : IS110514AL2 Lab Control Std#2

Information : Lab Control Standard Dup.

Matrix : Soil **Weight Basis :** Dry

Parameter : ICP-SAS

Fraction : Total

Prep Method: 200.2 - Metals, total recoverable, water, soil, EMSL-CIN

Analysis Method: 200.7 - ICP Inductively Coupled Plasma-Atomic Emission Spectroscopy (22 elements)

Analyte Code	Analyte Name	Result	Unit	Qual.	Analysis Date	Dilution
Spiked Compounds:						
7429905	Aluminum	98	%Rec		3/16/15	1
7440360	Antimony	105	%Rec		3/16/15	1
7440382	Arsenic	99	%Rec		3/16/15	1
7440393	Barium	107	%Rec		3/16/15	1
7440417	Beryllium	101	%Rec		3/16/15	1
7440439	Cadmium	110	%Rec		3/16/15	1
7440702	Calcium	95	%Rec		3/16/15	1
7440473	Chromium	97	%Rec		3/16/15	1
7440484	Cobalt	106	%Rec		3/16/15	1
7440508	Copper	104	%Rec		3/16/15	1
7439896	Iron	103	%Rec		3/16/15	1
7439921	Lead	102	%Rec		3/16/15	1
7439954	Magnesium	103	%Rec		3/16/15	1
7439965	Manganese	104	%Rec		3/16/15	1
7440020	Nickel	107	%Rec		3/16/15	1
7440097	Potassium	104	%Rec		3/16/15	1
7782492	Selenium	108	%Rec		3/16/15	1
7440224	Silver	92	%Rec		3/16/15	1
7440235	Sodium	99	%Rec		3/16/15	1
7440280	Thallium	111	%Rec		3/16/15	1
7440622	Vanadium	101	%Rec		3/16/15	1
7440666	Zinc	103	%Rec		3/16/15	1