

# Sample Summary Report

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	LCS50	Method:	ICP_AES	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	42.8	mg/kg	1			Yes	S2BVEM
Antimony	11.3	mg/kg	1			Yes	S2BVEM
Arsenic	1.9	mg/kg	1			Yes	S2BVEM
Barium	40.8	mg/kg	1			Yes	S2BVEM
Beryllium	1.0	mg/kg	1			Yes	S2BVEM
Cadmium	1.0	mg/kg	1			Yes	S2BVEM
Chromium	2.1	mg/kg	1			Yes	S2BVEM
Cobalt	9.8	mg/kg	1			Yes	S2BVEM
Copper	4.9	mg/kg	1			Yes	S2BVEM
Iron	20.3	mg/kg	1			Yes	S2BVEM
Lead	1.9	mg/kg	1			Yes	S2BVEM
Manganese	3.2	mg/kg	1			Yes	S2BVEM
Nickel	8.1	mg/kg	1			Yes	S2BVEM
Selenium	7.2	mg/kg	1			Yes	S2BVEM
Silver	1.9	mg/kg	1			Yes	S2BVEM
Thallium	5.2	mg/kg	1			Yes	S2BVEM
Vanadium	10.5	mg/kg	1			Yes	S2BVEM
Zinc	12.4	mg/kg	1			Yes	S2BVEM
Calcium	1060	mg/kg	1			Yes	S2BVEM
Sodium	1030	mg/kg	1			Yes	S2BVEM
Potassium	1000	mg/kg	1			Yes	S2BVEM
Magnesium	1020	mg/kg	1			Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH51	Method:	ICP_AES	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P0001-SD001-001	pH:		Sample Date:	10022012	Sample Time:	14:45:00
% Moisture :				% Solids :	91.1		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	5140	mg/kg	1			Yes	S2BVEM
Antimony	6.6	mg/kg	1	U	U	Yes	S2BVEM
Arsenic	8.2	mg/kg	1			Yes	S2BVEM
Barium	240	mg/kg	1			Yes	S2BVEM
Beryllium	0.49	mg/kg	1	J	J	Yes	S2BVEM
Cadmium	26.4	mg/kg	1		J	Yes	S2BVEM
Calcium	10400	mg/kg	1			Yes	S2BVEM
Chromium	413	mg/kg	1	E	J	Yes	S2BVEM
Cobalt	9.8	mg/kg	1			Yes	S2BVEM
Copper	573	mg/kg	1			Yes	S2BVEM
Iron	223000	mg/kg	10	D,E	J	Yes	S2BVEM
Lead	285	mg/kg	1			Yes	S2BVEM
Magnesium	4320	mg/kg	1			Yes	S2BVEM
Manganese	920	mg/kg	1	E	J	Yes	S2BVEM
Nickel	129	mg/kg	1			Yes	S2BVEM
Potassium	862	mg/kg	1			Yes	S2BVEM
Selenium	3.8	mg/kg	1	UN	UJ	Yes	S2BVEM
Silver	1.1	mg/kg	1	U	U	Yes	S2BVEM
Sodium	1270	mg/kg	1			Yes	S2BVEM
Thallium	2.7	mg/kg	1	UN	UJ	Yes	S2BVEM
Vanadium	15.6	mg/kg	1			Yes	S2BVEM
Zinc	1570	mg/kg	1			Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH51	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P0001-SD001-001	pH:		Sample Date:	10022012	Sample Time:	14:45:00
% Moisture :		% Solids :	91.1				

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.056	mg/kg	1	J	J	Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH51A	Method:	ICP_AES	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P0001-SD001-001	pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	91.1		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Selenium	3.5	mg/kg	1	U	U	Yes	S2BVEM
Thallium	2.5	mg/kg	1	U	U	Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH51D	Method:	ICP_AES	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P0001-SD001-001	pH:		Sample Date:	10022012	Sample Time:	14:45:00
% Moisture :				% Solids :	91.1		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	5260	mg/kg	1			Yes	S2BVEM
Antimony	6.6	mg/kg	1	U	U	Yes	S2BVEM
Arsenic	8.1	mg/kg	1			Yes	S2BVEM
Barium	244	mg/kg	1			Yes	S2BVEM
Beryllium	0.47	mg/kg	1	J	J	Yes	S2BVEM
Cadmium	26.8	mg/kg	1			Yes	S2BVEM
Calcium	10500	mg/kg	1			Yes	S2BVEM
Chromium	423	mg/kg	1			Yes	S2BVEM
Cobalt	10.0	mg/kg	1			Yes	S2BVEM
Copper	580	mg/kg	1			Yes	S2BVEM
Iron	256000	mg/kg	10	D		Yes	S2BVEM
Lead	288	mg/kg	1			Yes	S2BVEM
Magnesium	4340	mg/kg	1			Yes	S2BVEM
Manganese	948	mg/kg	1			Yes	S2BVEM
Nickel	133	mg/kg	1			Yes	S2BVEM
Potassium	810	mg/kg	1			Yes	S2BVEM
Selenium	3.8	mg/kg	1	U	U	Yes	S2BVEM
Silver	1.1	mg/kg	1	U	U	Yes	S2BVEM
Sodium	1260	mg/kg	1			Yes	S2BVEM
Thallium	2.7	mg/kg	1	U	U	Yes	S2BVEM
Vanadium	15.6	mg/kg	1			Yes	S2BVEM
Zinc	1580	mg/kg	1			Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH51D	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	10022012	Sample Time:	14:45:00
% Moisture :				% Solids :	91.1		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.052	mg/kg	1	J	J	Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH51S	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:	10022012	Sample Time:	14:45:00
% Moisture :				% Solids :	91.1		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.60	mg/kg	1			Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH51S	Method:	ICP_AES	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P0001-SD001-001	pH:		Sample Date:	10022012	Sample Time:	14:45:00
% Moisture :				% Solids :	91.1		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Antimony	16.7	mg/kg	1			Yes	S2BVEM
Arsenic	16.0	mg/kg	1			Yes	S2BVEM
Barium	658	mg/kg	1			Yes	S2BVEM
Beryllium	10.7	mg/kg	1			Yes	S2BVEM
Cadmium	35.9	mg/kg	1			Yes	S2BVEM
Chromium	451	mg/kg	1			Yes	S2BVEM
Cobalt	116	mg/kg	1			Yes	S2BVEM
Copper	613	mg/kg	1			Yes	S2BVEM
Lead	286	mg/kg	1			Yes	S2BVEM
Manganese	1000	mg/kg	1			Yes	S2BVEM
Nickel	236	mg/kg	1			Yes	S2BVEM
Selenium	3.7	mg/kg	1	JN	J	Yes	S2BVEM
Silver	9.6	mg/kg	1			Yes	S2BVEM
Thallium	8.1	mg/kg	1	N		Yes	S2BVEM
Vanadium	116	mg/kg	1			Yes	S2BVEM
Zinc	1650	mg/kg	1			Yes	S2BVEM



Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH52	Method:	ICP_AES	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P0001-SD001-002	pH:		Sample Date:	10022012	Sample Time:	14:45:00
% Moisture :				% Solids :	90.5		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	5520	mg/kg	1			Yes	S2BVEM
Antimony	6.5	mg/kg	1	U	U	Yes	S2BVEM
Arsenic	9.9	mg/kg	1			Yes	S2BVEM
Barium	229	mg/kg	1			Yes	S2BVEM
Beryllium	0.54	mg/kg	1			Yes	S2BVEM
Cadmium	13.7	mg/kg	1		J	Yes	S2BVEM
Calcium	11700	mg/kg	1			Yes	S2BVEM
Chromium	580	mg/kg	1	E	J	Yes	S2BVEM
Cobalt	11.9	mg/kg	1			Yes	S2BVEM
Copper	520	mg/kg	1			Yes	S2BVEM
Iron	252000	mg/kg	10	D,E	J	Yes	S2BVEM
Lead	305	mg/kg	1			Yes	S2BVEM
Magnesium	5660	mg/kg	1			Yes	S2BVEM
Manganese	1110	mg/kg	1	E	J	Yes	S2BVEM
Nickel	132	mg/kg	1			Yes	S2BVEM
Potassium	844	mg/kg	1			Yes	S2BVEM
Selenium	3.8	mg/kg	1	UN	UJ	Yes	S2BVEM
Silver	1.1	mg/kg	1	U	U	Yes	S2BVEM
Sodium	1270	mg/kg	1			Yes	S2BVEM
Thallium	2.7	mg/kg	1	UN	UJ	Yes	S2BVEM
Vanadium	18.0	mg/kg	1			Yes	S2BVEM
Zinc	1590	mg/kg	1			Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	MBAH52	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P0001-SD001-002	pH:		Sample Date:	10022012	Sample Time:	14:45:00
% Moisture :		% Solids :	90.5				

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.062	mg/kg	1	J	J	Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	PBS50	Method:	ICP_AES	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aluminum	20.0	mg/kg	1	U	U	Yes	S2BVEM
Antimony	6.0	mg/kg	1	U	U	Yes	S2BVEM
Arsenic	-0.33	mg/kg	1	J	J	Yes	S2BVEM
Barium	20.0	mg/kg	1	U	U	Yes	S2BVEM
Beryllium	0.50	mg/kg	1	U	U	Yes	S2BVEM
Cadmium	0.50	mg/kg	1	U	U	Yes	S2BVEM
Calcium	500	mg/kg	1	U	U	Yes	S2BVEM
Chromium	1.0	mg/kg	1	U	U	Yes	S2BVEM
Cobalt	5.0	mg/kg	1	U	U	Yes	S2BVEM
Copper	2.5	mg/kg	1	U	U	Yes	S2BVEM
Iron	10.0	mg/kg	1	U	U	Yes	S2BVEM
Lead	1.0	mg/kg	1	U	U	Yes	S2BVEM
Magnesium	500	mg/kg	1	U	U	Yes	S2BVEM
Manganese	1.5	mg/kg	1	U	U	Yes	S2BVEM
Nickel	4.0	mg/kg	1	U	U	Yes	S2BVEM
Potassium	500	mg/kg	1	U	U	Yes	S2BVEM
Selenium	3.5	mg/kg	1	U	U	Yes	S2BVEM
Silver	1.0	mg/kg	1	U	U	Yes	S2BVEM
Sodium	500	mg/kg	1	U	U	Yes	S2BVEM
Thallium	2.5	mg/kg	1	U	U	Yes	S2BVEM
Vanadium	5.0	mg/kg	1	U	U	Yes	S2BVEM
Zinc	6.0	mg/kg	1	U	U	Yes	S2BVEM

Case No:	42979	Contract:	EPW09035	SDG No:	MBAH51	Lab Code:	A4
Sample Number:	PBS56	Method:	Hg	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Mercury	0.10	mg/kg	1	U	U	Yes	S2BVEM

