

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

EO-1-070225L

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

Lb No.: lb136380

Lab Sample ID : Q2491-01L

SDG No.: Q2503

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.033	0.065 U	100.0		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

AUD-25-0110-0111L

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

Lb No.: lb136403

Lab Sample ID : Q2509-01L

SDG No.: Q2503

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.27	0.44 J	60		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER TREATMENT DISCHARGEL

Lab Name: Alliance Contract: GENV01
Lab Code: ACE Lb No.: lb136434 Lab Sample ID : Q2512-01L SDG No.: Q2503
Matrix (soil/water): Water Level (low/med): LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	11200		11100		1		P
Antimony	3.70	J	125	U	100.0		P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	6510		6570		1		P
Chromium	138		136		2		P
Cobalt	3.66	J	75.0	U	100.0		P
Copper	8.21	J	50.0	U	100.0		P
Iron	186		202	J	9		P
Lead	6.00	U	30.0	U			P
Magnesium	1270		1170	J	8		P
Manganese	10.5		50.0	U	100.0		P
Nickel	38.8		36.0	J	7		P
Potassium	1000	U	132000		100.0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	736000		1110000		50		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	319		300		6		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

WC-1L

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **Lb No.:** lb136534 **Lab Sample ID :** Q2515-01L **SDG No.:** Q2503
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence		Q	M
	C		C					
Aluminum	10000		11800		17			P
Antimony	1.79	J	1.98	J	11			P
Arsenic	1.42		3.05	J	115			P
Barium	46.6		55.3		19			P
Beryllium	0.55		0.64	J	17			P
Cadmium	0.30	U	1.50	U				P
Calcium	2090		2520		20			P
Chromium	27.0		31.6		17			P
Cobalt	20.1		19.2		5			P
Copper	19.4		24.6		27			P
Iron	18900		27800		47			P
Lead	7.18		8.07		12			P
Magnesium	3810		4610		21			P
Manganese	693		842		21			P
Nickel	21.0		19.6		6			P
Potassium	245		241	J	2			P
Selenium	4.97		7.51		51			P
Silver	0.50	U	2.51	U				P
Sodium	203		248	J	22			P
Thallium	2.01	U	10.0	U				P
Vanadium	57.6		66.0		14			P
Zinc	31.9		38.8		22			P