

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2458</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2458-03</u>	Client ID:	<u>TP-68DUP</u>
Percent Solids for Sample:	92.3	Duplicate ID	Q2458-03DUP	Percent Solids for Spike Sample:	92.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	4030		4390		9		P
Antimony	mg/Kg	20	2.46	U	2.56	U			P
Arsenic	mg/Kg	20	1.61		1.73		7		P
Barium	mg/Kg	20	7.39		8.01		8		P
Beryllium	mg/Kg	20	0.13	J	0.13	J	5		P
Cadmium	mg/Kg	20	0.30	U	0.31	U			P
Calcium	mg/Kg	20	1990		2250		12		P
Chromium	mg/Kg	20	9.01		10.5		16		P
Cobalt	mg/Kg	20	4.51		5.12		13		P
Copper	mg/Kg	20	45.1		50.0		10		P
Iron	mg/Kg	20	9290		10200		9		P
Lead	mg/Kg	20	5.32		5.40		1		P
Magnesium	mg/Kg	20	2200		2480		12		P
Manganese	mg/Kg	20	65.0		72.3		11		P
Nickel	mg/Kg	20	9.84		11.1		12		P
Potassium	mg/Kg	20	521		590		12		P
Selenium	mg/Kg	20	2.38		2.62		10		P
Silver	mg/Kg	20	0.37	J	0.41	J	10		P
Sodium	mg/Kg	20	582		653		11		P
Thallium	mg/Kg	20	1.97	U	2.04	U			P
Vanadium	mg/Kg	20	20.1		23.7		16		P
Zinc	mg/Kg	20	12.9		14.2		10		P

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Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2458-03MS</u>	Client ID:	<u>TP-68MSD</u>
Percent Solids for Sample:	92.3	Duplicate ID	Q2458-03MSD	Percent Solids for Spike Sample:	92.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5750		6080		6		P
Antimony	mg/Kg	20	16.5		15.4		7		P
Arsenic	mg/Kg	20	37.4		35.7		5		P
Barium	mg/Kg	20	16.9		17.0		1		P
Beryllium	mg/Kg	20	7.92		7.42		7		P
Cadmium	mg/Kg	20	8.79		8.21		7		P
Calcium	mg/Kg	20	2950		3030		3		P
Chromium	mg/Kg	20	28.0		27.2		3		P
Cobalt	mg/Kg	20	15.3		15.4		1		P
Copper	mg/Kg	20	63.7		92.9		37	*	P
Iron	mg/Kg	20	10700		12000		11		P
Lead	mg/Kg	20	50.1		48.4		3		P
Magnesium	mg/Kg	20	2760		3100		12		P
Manganese	mg/Kg	20	84.1		91.0		8		P
Nickel	mg/Kg	20	36.2		36.8		2		P
Potassium	mg/Kg	20	1130		1180		4		P
Selenium	mg/Kg	20	91.6		87.8		4		P
Silver	mg/Kg	20	3.69		3.63		2		P
Sodium	mg/Kg	20	953		1030		8		P
Thallium	mg/Kg	20	97.8		90.1		8		P
Vanadium	mg/Kg	20	40.6		40.7		0		P
Zinc	mg/Kg	20	25.2		28.9		14		P

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Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2458</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2463-01</u>	Client ID:	<u>TW-WTS-11DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2463-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	3660		3690		1		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	36.1	J	35.1	J	3		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	49700		49600		0		P
Chromium	ug/L	20	1.87	J	1.97	J	5		P
Cobalt	ug/L	20	1.54	J	1.45	J	6		P
Copper	ug/L	20	21.7		21.7		0		P
Iron	ug/L	20	9630		9600		0		P
Lead	ug/L	20	5.99	J	6.69		11		P
Magnesium	ug/L	20	1450		1440		1		P
Manganese	ug/L	20	22.5		22.5		0		P
Mercury	ug/L	20	0.19	J	0.18	J	3		CV
Nickel	ug/L	20	15.0	J	15.3	J	2		P
Potassium	ug/L	20	248000		242000		2		P
Selenium	ug/L	20	5.02	J	5.01	J	0		P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	172000		171000		1		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	18.5	J	17.8	J	4		P
Zinc	ug/L	20	17.3	J	17.3	J	0		P

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Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2458</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2463-01MS</u>	Client ID:	<u>TW-WTS-11MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2463-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	4620		5280		13		P
Antimony	ug/L	20	425		420		1		P
Arsenic	ug/L	20	415		404		3		P
Barium	ug/L	20	122		123		1		P
Beryllium	ug/L	20	85.4		82.9		3		P
Cadmium	ug/L	20	97.4		96.7		1		P
Calcium	ug/L	20	50300		50000		1		P
Chromium	ug/L	20	192		189		2		P
Cobalt	ug/L	20	102		99.3		3		P
Copper	ug/L	20	171		168		2		P
Iron	ug/L	20	10800		10800		0		P
Lead	ug/L	20	466		456		2		P
Magnesium	ug/L	20	2320		2360		2		P
Manganese	ug/L	20	121		119		2		P
Mercury	ug/L	20	3.24		3.88		18		CV
Nickel	ug/L	20	264		259		2		P
Potassium	ug/L	20	244000		232000		5		P
Selenium	ug/L	20	1060		1040		2		P
Silver	ug/L	20	21.1		34.9		49	*	P
Sodium	ug/L	20	172000		167000		3		P
Thallium	ug/L	20	1060		1040		2		P
Vanadium	ug/L	20	157		155		1		P
Zinc	ug/L	20	124		122		2		P

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Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2458</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2469-01</u>	Client ID:	<u>WC-1DUP</u>
Percent Solids for Sample:	85.4	Duplicate ID	Q2469-01DUP	Percent Solids for Spike Sample:	85.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.27		0.29		9		CV

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Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2458</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2469-01MS</u>	Client ID:	<u>WC-1MSD</u>
Percent Solids for Sample:	85.4	Duplicate ID	Q2469-01MSD	Percent Solids for Spike Sample:	85.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.61		0.54		13		CV