

metals
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MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3741
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q3741-01 **client id:** B50-SP3-111925MS
Percent Solids for Sample: 91.6 **Spiked ID:** Q3741-01MS **Percent Solids for Spike Sample:** 91.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.52	D	0.49	D	0.27	15	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Core Environmental Consultants and Service</u>	level: <u>low</u>	sdg no.: <u>Q3741</u>
contract: <u>CORE02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3741-01</u>	client id: <u>B50-SP3-111925MSD</u>
Percent Solids for Sample: 91.6	Spiked ID: Q3741-01MSD	Percent Solids for Spike Sample: 91.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.55	D	0.49	D	0.28	22	N	CV

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MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3741
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q3750-01 **client id:** FENCE WC-1MS

Percent Solids for Sample: 86.8 **Spiked ID:** Q3750-01MS **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6080		3380		110	2459		P
Antimony	mg/Kg	75 - 125	20.3		2.63	U	42.9	47	N	P
Arsenic	mg/Kg	75 - 125	46.7		6.04		42.9	95		P
Barium	mg/Kg	75 - 125	48.7		24.4		10.7	226	N	P
Beryllium	mg/Kg	75 - 125	9.52		0.28	J	10.7	86		P
Cadmium	mg/Kg	75 - 125	11.2		0.37		10.7	101		P
Calcium	mg/Kg	75 - 125	1180		788		53.6	740		P
Chromium	mg/Kg	75 - 125	34.6		9.32		21.4	118		P
Cobalt	mg/Kg	75 - 125	15.1		2.65		10.7	116		P
Copper	mg/Kg	75 - 125	37.2		14.3		16.1	142	N	P
Iron	mg/Kg	75 - 125	11000		8530		160	1554		P
Lead	mg/Kg	75 - 125	277		114		53.6	303	N	P
Magnesium	mg/Kg	75 - 125	1250		720		110	483		P
Manganese	mg/Kg	75 - 125	240		174		10.7	617		P
Nickel	mg/Kg	75 - 125	37.6		6.28		26.8	117		P
Potassium	mg/Kg	75 - 125	886		282		540	112		P
Selenium	mg/Kg	75 - 125	93.8		1.05	U	110	85		P
Silver	mg/Kg	75 - 125	4.17		0.58		4.0	90		P
Sodium	mg/Kg	75 - 125	409		103	J	160	191	N	P
Thallium	mg/Kg	75 - 125	99.9		2.10	U	110	91		P
Vanadium	mg/Kg	75 - 125	32.0		10.8		16.1	132	N	P
Zinc	mg/Kg	75 - 125	135		65.2		10.7	652		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3741
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q3750-01 **client id:** FENCE WC-1MSD

Percent Solids for Sample: 86.8 **Spiked ID:** Q3750-01MSD **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4600		3380		110	1113		P
Antimony	mg/Kg	75 - 125	21.6		2.63	U	42.5	51	N	P
Arsenic	mg/Kg	75 - 125	45.3		6.04		42.5	92		P
Barium	mg/Kg	75 - 125	38.3		24.4		10.6	130	N	P
Beryllium	mg/Kg	75 - 125	9.58		0.28	J	10.6	88		P
Cadmium	mg/Kg	75 - 125	10.8		0.37		10.6	99		P
Calcium	mg/Kg	75 - 125	927		788		53.1	263		P
Chromium	mg/Kg	75 - 125	30.8		9.32		21.2	101		P
Cobalt	mg/Kg	75 - 125	13.9		2.65		10.6	106		P
Copper	mg/Kg	75 - 125	32.1		14.3		15.9	112		P
Iron	mg/Kg	75 - 125	8930		8530		160	253		P
Lead	mg/Kg	75 - 125	204		114		53.1	170	N	P
Magnesium	mg/Kg	75 - 125	1020		720		110	277		P
Manganese	mg/Kg	75 - 125	196		174		10.6	202		P
Nickel	mg/Kg	75 - 125	34.5		6.28		26.5	107		P
Potassium	mg/Kg	75 - 125	816		282		530	101		P
Selenium	mg/Kg	75 - 125	96.4		1.05	U	110	88		P
Silver	mg/Kg	75 - 125	4.01		0.58		4.0	86		P
Sodium	mg/Kg	75 - 125	346		103	J	160	152	N	P
Thallium	mg/Kg	75 - 125	104		2.10	U	110	94		P
Vanadium	mg/Kg	75 - 125	27.7		10.8		15.9	107		P
Zinc	mg/Kg	75 - 125	98.6		65.2		10.6	315		P