

metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1939
contract: GENV01 **lab code:** CHEM **case no.:** Q1939 **sas no.:** Q1939
matrix: Solid **sample id:** Q1933-01 **client id:** OK-01-050125MS
Percent Solids for Sample: 91.8 **Spiked ID:** Q1933-01MS **Percent Solids for Spike Sample:** 91.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5560		4780		100	779		P
Antimony	mg/Kg	75 - 125	15.0		2.31	U	41.1	36	N	P
Arsenic	mg/Kg	75 - 125	35.1		1.44		41.1	82		P
Barium	mg/Kg	75 - 125	36.3		24.8		10.3	111		P
Beryllium	mg/Kg	75 - 125	8.88		0.31		10.3	83		P
Cadmium	mg/Kg	75 - 125	9.71		0.28	U	10.3	94		P
Calcium	mg/Kg	75 - 125	2700		2610		51.4	170		P
Chromium	mg/Kg	75 - 125	33.8		15.0		20.6	91		P
Cobalt	mg/Kg	75 - 125	17.8		7.43		10.3	101		P
Copper	mg/Kg	75 - 125	54.3		39.8		15.4	94		P
Iron	mg/Kg	75 - 125	12800		12000		150	487		P
Lead	mg/Kg	75 - 125	52.7		5.19		51.4	93		P
Magnesium	mg/Kg	75 - 125	3450		3090		100	358		P
Manganese	mg/Kg	75 - 125	149		159		10.3	-93		P
Nickel	mg/Kg	75 - 125	41.3		13.5		25.7	108		P
Potassium	mg/Kg	75 - 125	1820		1310		510	99		P
Selenium	mg/Kg	75 - 125	79.7		0.92	U	100	80		P
Silver	mg/Kg	75 - 125	3.33		0.46	U	3.9	85		P
Sodium	mg/Kg	75 - 125	244		113		150	88		P
Thallium	mg/Kg	75 - 125	95.1		1.85	U	100	95		P
Vanadium	mg/Kg	75 - 125	33.2		18.4		15.4	96		P
Zinc	mg/Kg	75 - 125	29.0		19.8		10.3	89		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1939
contract: GENV01 **lab code:** CHEM **case no.:** Q1939 **sas no.:** Q1939
matrix: Solid **sample id:** Q1933-01 **client id:** OK-01-050125MSD
Percent Solids for Sample: 91.8 **Spiked ID:** Q1933-01MSD **Percent Solids for Spike Sample:** 91.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4800		4780		91.9	18		P
Antimony	mg/Kg	75 - 125	12.1		2.31	U	36.8	33	N	P
Arsenic	mg/Kg	75 - 125	31.4		1.44		36.8	81		P
Barium	mg/Kg	75 - 125	32.3		24.8		9.2	82		P
Beryllium	mg/Kg	75 - 125	7.47		0.31		9.2	78		P
Cadmium	mg/Kg	75 - 125	8.56		0.28	U	9.2	93		P
Calcium	mg/Kg	75 - 125	2580		2610		46.0	-65		P
Chromium	mg/Kg	75 - 125	29.3		15.0		18.4	78		P
Cobalt	mg/Kg	75 - 125	15.2		7.43		9.2	84		P
Copper	mg/Kg	75 - 125	36.5		39.8		13.8	-24	N	P
Iron	mg/Kg	75 - 125	11700		12000		140	-240		P
Lead	mg/Kg	75 - 125	47.6		5.19		46.0	92		P
Magnesium	mg/Kg	75 - 125	3040		3090		91.9	-49		P
Manganese	mg/Kg	75 - 125	140		159		9.2	-205		P
Nickel	mg/Kg	75 - 125	32.6		13.5		23.0	83		P
Potassium	mg/Kg	75 - 125	1760		1310		460	98		P
Selenium	mg/Kg	75 - 125	70.9		0.92	U	91.9	77		P
Silver	mg/Kg	75 - 125	3.05		0.46	U	3.4	90		P
Sodium	mg/Kg	75 - 125	254		113		140	101		P
Thallium	mg/Kg	75 - 125	84.3		1.85	U	91.9	92		P
Vanadium	mg/Kg	75 - 125	28.9		18.4		13.8	76		P
Zinc	mg/Kg	75 - 125	27.0		19.8		9.2	77		P

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1939
contract: GENV01 **lab code:** CHEM **case no.:** Q1939 **sas no.:** Q1939
matrix: Solid **sample id:** Q1935-01 **client id:** MH-NNMS
Percent Solids for Sample: 88.2 **Spiked ID:** Q1935-01MS **Percent Solids for Spike Sample:** 88.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.22		0.014		0.3	69	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	G Environmental	level:	low	sdg no.:	Q1939		
contract:	GENV01	lab code:	CHEM	case no.:	Q1939	sas no.:	Q1939
matrix:	Solid	sample id:	Q1935-01	client id:	MH-NNMSD		
Percent Solids for Sample:	88.2	Spiked ID:	Q1935-01MSD	Percent Solids for Spike Sample:	88.2		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.22		0.014		0.3	67	N	CV