

metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3740
contract: GENV01 **lab code:** ACE
matrix: Solid **sample id:** Q3732-01 **client id:** HD-01-11-26-2025MS
Percent Solids for Sample: 86.9 **Spiked ID:** Q3732-01MS **Percent Solids for Spike Sample:** 86.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.0080	J	0.29	114		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3740
contract: GENV01 **lab code:** ACE
matrix: Solid **sample id:** Q3732-01 **client id:** HD-01-11-26-2025MSD
Percent Solids for Sample: 86.9 **Spiked ID:** Q3732-01MSD **Percent Solids for Spike Sample:** 86.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.0080	J	0.29	114		CV

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MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3740</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3740-01</u>	client id: <u>WC1MS</u>
Percent Solids for Sample: <u>90</u>	Spiked ID: <u>Q3740-01MS</u>	Percent Solids for Spike Sample: <u>90</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8940	D	7760	D	96.6	1220		P
Antimony	mg/Kg	75 - 125	12.1	UD	11.6	UD	38.6	51	N	P
Arsenic	mg/Kg	75 - 125	114	D	75.8	D	38.6	99		P
Barium	mg/Kg	75 - 125	64.2	D	50.7	D	9.7	140		P
Beryllium	mg/Kg	75 - 125	10.7	D	0.49	JD	9.7	105		P
Cadmium	mg/Kg	75 - 125	12.3	D	1.90	D	9.7	107		P
Calcium	mg/Kg	75 - 125	1850	D	1710	D	48.3	290		P
Chromium	mg/Kg	75 - 125	16700	D	19200	D	19.3	-13355		P
Cobalt	mg/Kg	75 - 125	17.2	D	7.25	D	9.7	102		P
Copper	mg/Kg	75 - 125	110	D	90.0	D	14.5	136		P
Iron	mg/Kg	75 - 125	15000	D	13400	D	140	1171		P
Lead	mg/Kg	75 - 125	147	D	86.5	D	48.3	125		P
Magnesium	mg/Kg	75 - 125	1920	D	1740	D	96.6	195		P
Manganese	mg/Kg	75 - 125	270	D	314	D	9.7	-452		P
Nickel	mg/Kg	75 - 125	38.6	D	11.1	D	24.2	114		P
Potassium	mg/Kg	75 - 125	1280	D	610	D	480	140	N	P
Selenium	mg/Kg	75 - 125	112	D	4.63	UD	96.6	116		P
Silver	mg/Kg	75 - 125	3.24	D	2.31	UD	3.6	108		P
Sodium	mg/Kg	75 - 125	245	JD	463	UD	140	118		P
Thallium	mg/Kg	75 - 125	93.2	D	6.99	JD	96.6	89		P
Vanadium	mg/Kg	75 - 125	23.4	D	3.85	JD	14.5	135	N	P
Zinc	mg/Kg	75 - 125	84.4	D	66.8	D	9.7	181		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3740</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3740-01</u>	client id: <u>WC1MSD</u>
Percent Solids for Sample: <u>90</u>	Spiked ID: <u>Q3740-01MSD</u>	Percent Solids for Spike Sample: <u>90</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8850	D	7760	D	96.6	1132		P
Antimony	mg/Kg	75 - 125	12.1	UD	11.6	UD	38.6	44	N	P
Arsenic	mg/Kg	75 - 125	114	D	75.8	D	38.6	99		P
Barium	mg/Kg	75 - 125	62.2	D	50.7	D	9.7	119		P
Beryllium	mg/Kg	75 - 125	10.8	D	0.49	JD	9.7	106		P
Cadmium	mg/Kg	75 - 125	12.2	D	1.90	D	9.7	106		P
Calcium	mg/Kg	75 - 125	1810	D	1710	D	48.3	199		P
Chromium	mg/Kg	75 - 125	16600	D	19200	D	19.3	-13646		P
Cobalt	mg/Kg	75 - 125	17.1	D	7.25	D	9.7	102		P
Copper	mg/Kg	75 - 125	109	D	90.0	D	14.5	130		P
Iron	mg/Kg	75 - 125	14700	D	13400	D	140	994		P
Lead	mg/Kg	75 - 125	146	D	86.5	D	48.3	124		P
Magnesium	mg/Kg	75 - 125	1900	D	1740	D	96.6	166		P
Manganese	mg/Kg	75 - 125	267	D	314	D	9.7	-483		P
Nickel	mg/Kg	75 - 125	38.4	D	11.1	D	24.2	113		P
Potassium	mg/Kg	75 - 125	1240	D	610	D	480	131	N	P
Selenium	mg/Kg	75 - 125	112	D	4.63	UD	96.6	116		P
Silver	mg/Kg	75 - 125	3.13	D	2.31	UD	3.6	105		P
Sodium	mg/Kg	75 - 125	214	JD	463	UD	140	96		P
Thallium	mg/Kg	75 - 125	100	D	6.99	JD	96.6	96		P
Vanadium	mg/Kg	75 - 125	21.8	D	3.85	JD	14.5	123		P
Zinc	mg/Kg	75 - 125	85.2	D	66.8	D	9.7	189		P