

metals
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MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q3790
contract: TULL02 **lab code:** ACE
matrix: Solid **sample id:** Q3795-01 **client id:** 72-11966MS

Percent Solids for Sample: 90.4 **Spiked ID:** Q3795-01MS **Percent Solids for Spike Sample:** 90.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6500		7130		93.7	-672		P
Antimony	mg/Kg	75 - 125	17.1		2.26	U	37.5	46	N	P
Arsenic	mg/Kg	75 - 125	30.3		1.42		37.5	77		P
Barium	mg/Kg	75 - 125	29.5		26.5		9.4	32	N	P
Beryllium	mg/Kg	75 - 125	7.22		0.48		9.4	72	N	P
Cadmium	mg/Kg	75 - 125	8.57		0.63		9.4	84		P
Calcium	mg/Kg	75 - 125	516		556		46.9	-85		P
Chromium	mg/Kg	75 - 125	22.3		11.8		18.7	56	N	P
Cobalt	mg/Kg	75 - 125	13.5		7.76		9.4	61	N	P
Copper	mg/Kg	75 - 125	22.1		16.7		14.1	39	N	P
Iron	mg/Kg	75 - 125	10400		13300		140	-2036		P
Lead	mg/Kg	75 - 125	47.4		9.44		46.9	81		P
Magnesium	mg/Kg	75 - 125	2060		2360		93.7	-324		P
Manganese	mg/Kg	75 - 125	253		317		9.4	-681		P
Nickel	mg/Kg	75 - 125	30.9		13.6		23.4	74	N	P
Potassium	mg/Kg	75 - 125	1090		811		470	60	N	P
Selenium	mg/Kg	75 - 125	70.2		0.90	U	93.7	75	N	P
Silver	mg/Kg	75 - 125	2.90		0.22	J	3.5	77		P
Sodium	mg/Kg	75 - 125	179		85.8	J	140	67	N	P
Thallium	mg/Kg	75 - 125	76.2		0.64	J	93.7	81		P
Vanadium	mg/Kg	75 - 125	24.1		15.3		14.1	62	N	P
Zinc	mg/Kg	75 - 125	36.8		34.1		9.4	29	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q3790
contract: TULL02 **lab code:** ACE
matrix: Solid **sample id:** Q3795-01 **client id:** 72-11966MSD

Percent Solids for Sample: 90.4 **Spiked ID:** Q3795-01MSD **Percent Solids for Spike Sample:** 90.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6990		7130		100	-143		P
Antimony	mg/Kg	75 - 125	18.7		2.26	U	40.2	46	N	P
Arsenic	mg/Kg	75 - 125	33.7		1.42		40.2	80		P
Barium	mg/Kg	75 - 125	31.2		26.5		10.1	47	N	P
Beryllium	mg/Kg	75 - 125	7.94		0.48		10.1	74	N	P
Cadmium	mg/Kg	75 - 125	9.37		0.63		10.1	87		P
Calcium	mg/Kg	75 - 125	546		556		50.3	-20		P
Chromium	mg/Kg	75 - 125	24.5		11.8		20.1	63	N	P
Cobalt	mg/Kg	75 - 125	14.6		7.76		10.1	68	N	P
Copper	mg/Kg	75 - 125	24.1		16.7		15.1	49	N	P
Iron	mg/Kg	75 - 125	11300		13300		150	-1322		P
Lead	mg/Kg	75 - 125	52.1		9.44		50.3	85		P
Magnesium	mg/Kg	75 - 125	2210		2360		100	-154		P
Manganese	mg/Kg	75 - 125	266		317		10.1	-497		P
Nickel	mg/Kg	75 - 125	33.6		13.6		25.1	80		P
Potassium	mg/Kg	75 - 125	1200		811		500	77		P
Selenium	mg/Kg	75 - 125	78.3		0.90	U	100	78		P
Silver	mg/Kg	75 - 125	3.16		0.22	J	3.8	77		P
Sodium	mg/Kg	75 - 125	188		85.8	J	150	68	N	P
Thallium	mg/Kg	75 - 125	86.8		0.64	J	100	86		P
Vanadium	mg/Kg	75 - 125	25.7		15.3		15.1	69	N	P
Zinc	mg/Kg	75 - 125	40.3		34.1		10.1	62	N	P

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MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q3790
contract: TULL02 **lab code:** ACE
matrix: Solid **sample id:** Q3806-04 **client id:** TR-05-12-5-2025MS

Percent Solids for Sample: 93.9 **Spiked ID:** Q3806-04MS **Percent Solids for Spike Sample:** 93.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.031		0.29	85		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q3790
contract: TULL02 **lab code:** ACE
matrix: Solid **sample id:** Q3806-04 **client id:** TR-05-12-5-2025MSD
Percent Solids for Sample: 93.9 **Spiked ID:** Q3806-04MSD **Percent Solids for Spike Sample:** 93.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.23		0.031		0.27	75	N	CV