

metals
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MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1698
contract: TULL02 **lab code:** CHEM **case no.:** Q1698 **sas no.:** Q1698
matrix: Solid **sample id:** Q1698-07 **client id:** B-10MS
Percent Solids for Sample: 93.4 **Spiked ID:** Q1698-07MS **Percent Solids for Spike Sample:** 93.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	1210		937		98.2	283		P
Antimony	mg/Kg	75 - 125	24.1		0.36	J	39.3	60	N	P
Arsenic	mg/Kg	75 - 125	35.2		2.20		39.3	84		P
Barium	mg/Kg	75 - 125	26.5		17.3		9.8	93		P
Beryllium	mg/Kg	75 - 125	7.70		0.12	J	9.8	77		P
Cadmium	mg/Kg	75 - 125	8.26		0.13	J	9.8	83		P
Calcium	mg/Kg	75 - 125	6310		6480		49.1	-337		P
Chromium	mg/Kg	75 - 125	27.7		8.91		19.6	96		P
Cobalt	mg/Kg	75 - 125	10.4		1.23	J	9.8	94		P
Copper	mg/Kg	75 - 125	45.8		29.4		14.7	112		P
Iron	mg/Kg	75 - 125	6570		3590		150	1984		P
Lead	mg/Kg	75 - 125	86.8		42.5		49.1	90		P
Magnesium	mg/Kg	75 - 125	749		805		98.2	-57		P
Manganese	mg/Kg	75 - 125	67.7		47.6		9.8	205		P
Nickel	mg/Kg	75 - 125	25.3		3.60		24.6	88		P
Potassium	mg/Kg	75 - 125	694		157		490	109		P
Selenium	mg/Kg	75 - 125	78.0		0.95	U	98.2	79		P
Silver	mg/Kg	75 - 125	3.17		0.47	U	3.7	86		P
Sodium	mg/Kg	75 - 125	150		94.7	U	150	100		P
Thallium	mg/Kg	75 - 125	78.1		1.89	U	98.2	80		P
Vanadium	mg/Kg	75 - 125	17.1		4.20		14.7	88		P
Zinc	mg/Kg	75 - 125	66.2		51.6		9.8	149		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1698
contract: TULL02 **lab code:** CHEM **case no.:** Q1698 **sas no.:** Q1698
matrix: Solid **sample id:** Q1698-07 **client id:** B-10MSD
Percent Solids for Sample: 93.4 **Spiked ID:** Q1698-07MSD **Percent Solids for Spike Sample:** 93.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	1160		937		93.5	241		P
Antimony	mg/Kg	75 - 125	22.5		0.36	J	37.4	59	N	P
Arsenic	mg/Kg	75 - 125	33.0		2.20		37.4	82		P
Barium	mg/Kg	75 - 125	24.8		17.3		9.4	80		P
Beryllium	mg/Kg	75 - 125	7.73		0.12	J	9.4	81		P
Cadmium	mg/Kg	75 - 125	7.90		0.13	J	9.4	83		P
Calcium	mg/Kg	75 - 125	6010		6480		46.8	-1005		P
Chromium	mg/Kg	75 - 125	25.9		8.91		18.7	91		P
Cobalt	mg/Kg	75 - 125	9.80		1.23	J	9.4	91		P
Copper	mg/Kg	75 - 125	43.7		29.4		14.0	102		P
Iron	mg/Kg	75 - 125	5860		3590		140	1621		P
Lead	mg/Kg	75 - 125	82.0		42.5		46.8	84		P
Magnesium	mg/Kg	75 - 125	721		805		93.5	-89		P
Manganese	mg/Kg	75 - 125	64.8		47.6		9.4	183		P
Nickel	mg/Kg	75 - 125	23.9		3.60		23.4	87		P
Potassium	mg/Kg	75 - 125	616		157		470	98		P
Selenium	mg/Kg	75 - 125	73.3		0.95	U	93.5	78		P
Silver	mg/Kg	75 - 125	2.89		0.47	U	3.5	83		P
Sodium	mg/Kg	75 - 125	128		94.7	U	140	91		P
Thallium	mg/Kg	75 - 125	74.7		1.89	U	93.5	80		P
Vanadium	mg/Kg	75 - 125	16.3		4.20		14.0	87		P
Zinc	mg/Kg	75 - 125	61.9		51.6		9.4	110		P

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MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1698
contract: TULL02 **lab code:** CHEM **case no.:** Q1698 **sas no.:** Q1698
matrix: Solid **sample id:** Q1721-02 **client id:** AU-05-040325MS
Percent Solids for Sample: 87.1 **Spiked ID:** Q1721-02MS **Percent Solids for Spike Sample:** 87.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.24		0.027		0.28	75	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1698
contract: TULL02 **lab code:** CHEM **case no.:** Q1698 **sas no.:** Q1698
matrix: Solid **sample id:** Q1721-02 **client id:** AU-05-040325MSD
Percent Solids for Sample: 87.1 **Spiked ID:** Q1721-02MSD **Percent Solids for Spike Sample:** 87.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.26		0.027		0.29	79	N	CV