

Metals

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DUPLICATE SAMPLE SUMMARY

Client: US Army Corp of Engineers **Level:** LOW **SDG No.:** Q2085
Contract: USAR03 **Lab Code:** CHEM **Case No.:** Q2085 **SAS No.:** Q2085
Matrix: Solid **Sample ID:** Q2085-04 **Client ID:** SC-1-SED-051625DUP
Percent Solids for Sample: 70.5 **Duplicate ID** Q2085-04DUP **Percent Solids for Spike Sample:** 70.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3290		3470		5		P
Antimony	mg/Kg	20	2.12		0.31		149	*	P
Arsenic	mg/Kg	20	2.49		2.65		6		P
Barium	mg/Kg	20	7.23		7.49		4		P
Beryllium	mg/Kg	20	0.24		0.25		6		P
Cadmium	mg/Kg	20	0.097	J	0.099	J	2		P
Calcium	mg/Kg	20	430		480		11		P
Chromium	mg/Kg	20	5.35		5.56		4		P
Cobalt	mg/Kg	20	1.94		2.04		5		P
Copper	mg/Kg	20	3.71		3.67		1		P
Iron	mg/Kg	20	6010		6570		9		P
Lead	mg/Kg	20	4.25		3.96		7		P
Magnesium	mg/Kg	20	1020		1060		4		P
Manganese	mg/Kg	20	50.7		53.7		6		P
Nickel	mg/Kg	20	4.38		4.38		0		P
Mercury	mg/Kg	20	0.017	U	0.018	U			CV
Potassium	mg/Kg	20	620		603		3		P
Selenium	mg/Kg	20	0.51	U	0.53	U			P
Silver	mg/Kg	20	0.10	U	0.11	U			P
Sodium	mg/Kg	20	2270		2260		0		P
Thallium	mg/Kg	20	0.062	J	0.064	J	3		P
Vanadium	mg/Kg	20	7.42		7.57		2		P
Zinc	mg/Kg	20	27.3		16.3		50	*	P

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DUPLICATE SAMPLE SUMMARY

Client: US Army Corp of Engineers **Level:** LOW **SDG No.:** Q2085
Contract: USAR03 **Lab Code:** CHEM **Case No.:** Q2085 **SAS No.:** Q2085
Matrix: Solid **Sample ID:** Q2085-05 **Client ID:** SC-1-SED-051625MSD
Percent Solids for Sample: 70.5 **Duplicate ID** Q2085-06 **Percent Solids for Spike Sample:** 70.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5760		5810		1		P
Antimony	mg/Kg	20	51.5		53.6		4		P
Arsenic	mg/Kg	20	3.45		3.37		2		P
Barium	mg/Kg	20	247		252		2		P
Beryllium	mg/Kg	20	53.4		55.0		3		P
Cadmium	mg/Kg	20	52.0		54.3		4		P
Calcium	mg/Kg	20	5360		5520		3		P
Chromium	mg/Kg	20	57.5		59.6		4		P
Cobalt	mg/Kg	20	53.0		55.1		4		P
Copper	mg/Kg	20	509		533		5		P
Iron	mg/Kg	20	12900		14400		11		P
Lead	mg/Kg	20	266		274		3		P
Magnesium	mg/Kg	20	6500		6710		3		P
Manganese	mg/Kg	20	592		615		4		P
Nickel	mg/Kg	20	52.6		54.8		4		P
Mercury	mg/Kg	20	0.37		0.41		9		CV
Potassium	mg/Kg	20	3070		3150		3		P
Selenium	mg/Kg	20	47.3		49.2		4		P
Silver	mg/Kg	20	9.01		9.43		5		P
Sodium	mg/Kg	20	7270		7270		0		P
Thallium	mg/Kg	20	50.9		52.3		3		P
Vanadium	mg/Kg	20	62.5		66.1		6		P
Zinc	mg/Kg	20	539		558		3		P