

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Langan Engineering and Environmental Sei **Level:** LOW **SDG No.:** Q3323
Contract: LANG01 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3327-01 **Client ID:** HADLEY-ROAD-TPDUP
Percent Solids for Sample: 88.2 **Duplicate ID** Q3327-01DUP **Percent Solids for Spike Sample:** 88.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	12200		13600		11		P
Antimony	mg/Kg	20	2.31	U	2.58	U			P
Arsenic	mg/Kg	20	3.70		4.17		12		P
Barium	mg/Kg	20	85.7		92.2		7		P
Beryllium	mg/Kg	20	1.01		1.12		10		P
Cadmium	mg/Kg	20	1.34		1.60		18		P
Calcium	mg/Kg	20	1730		1890		9		P
Chromium	mg/Kg	20	20.9		23.1		10		P
Cobalt	mg/Kg	20	26.4		29.0		9		P
Copper	mg/Kg	20	23.9		27.4		14		P
Iron	mg/Kg	20	30700		32500		6		P
Lead	mg/Kg	20	26.0		28.7		10		P
Magnesium	mg/Kg	20	5820		6480		11		P
Manganese	mg/Kg	20	825		891		8		P
Mercury	mg/Kg	20	0.013	J	0.012	J	8		CV
Nickel	mg/Kg	20	40.9		45.0		10		P
Potassium	mg/Kg	20	2160		2290		6		P
Selenium	mg/Kg	20	0.51	J	0.58	J	13		P
Silver	mg/Kg	20	0.46	U	0.52	U			P
Sodium	mg/Kg	20	1050		1070		2		P
Thallium	mg/Kg	20	0.23	J	0.49	J	71		P
Vanadium	mg/Kg	20	29.2		32.3		10		P
Zinc	mg/Kg	20	66.1		70.2		6		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Langan Engineering and Environmental Sei **Level:** LOW **SDG No.:** Q3323
Contract: LANG01 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3327-01MS **Client ID:** HADLEY-ROAD-TPMSD
Percent Solids for Sample: 88.2 **Duplicate ID** Q3327-01MSD **Percent Solids for Spike Sample:** 88.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	12300		11900		3		P
Antimony	mg/Kg	20	23.9		25.8		8		P
Arsenic	mg/Kg	20	28.6		30.5		6		P
Barium	mg/Kg	20	90.3		90.9		1		P
Beryllium	mg/Kg	20	7.60		8.02		5		P
Cadmium	mg/Kg	20	10.4		10.4		0		P
Calcium	mg/Kg	20	1740		1740		0		P
Chromium	mg/Kg	20	33.5		35.4		6		P
Cobalt	mg/Kg	20	32.9		31.3		5		P
Copper	mg/Kg	20	33.7		35.4		5		P
Iron	mg/Kg	20	29800		31200		5		P
Lead	mg/Kg	20	71.0		75.3		6		P
Magnesium	mg/Kg	20	5930		5830		2		P
Manganese	mg/Kg	20	790		752		5		P
Mercury	mg/Kg	20	0.25		0.27		8		CV
Nickel	mg/Kg	20	61.3		61.0		0		P
Potassium	mg/Kg	20	2390		2510		5		P
Selenium	mg/Kg	20	62.4		66.6		7		P
Silver	mg/Kg	20	1.69		2.02		18		P
Sodium	mg/Kg	20	1110		1180		6		P
Thallium	mg/Kg	20	81.5		84.9		4		P
Vanadium	mg/Kg	20	39.2		39.8		2		P
Zinc	mg/Kg	20	69.0		71.5		4		P