



Metals

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DUPLICATE SAMPLE SUMMARY

Client: Louis Berger U.S., Inc., A WSP Company **Level:** LOW **SDG No.:** O1232
Contract: loui01 **Lab Code:** CHEM **Case No.:** O1232 **SAS No.:** O1232
Matrix: Solid **Sample ID:** O1232-01 **Client ID:** B-P17ADUP
Percent Solids for Sample: 89.4 **Duplicate ID** O1232-01DUP **Percent Solids for Spike Sample:** 89.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	2510		2500		0		P
Antimony	mg/Kg	20	0.37	J	2.55	U	200.0		P
Arsenic	mg/Kg	20	1.07		1.03		4		P
Barium	mg/Kg	20	33.0		33.0		0		P
Beryllium	mg/Kg	20	0.28	J	0.28	J	0		P
Cadmium	mg/Kg	20	0.13	J	0.12	J	7		P
Calcium	mg/Kg	20	1460		1460		0		P
Chromium	mg/Kg	20	11.7		11.3		3		P
Cobalt	mg/Kg	20	4.76		4.61		3		P
Copper	mg/Kg	20	8.92		8.67		3		P
Iron	mg/Kg	20	8860		8530		4		P
Lead	mg/Kg	20	7.47		7.27		3		P
Magnesium	mg/Kg	20	1820		1820		0		P
Manganese	mg/Kg	20	288		287		0		P
Mercury	mg/Kg	20	0.014	U	0.0040	J	200.0		CV
Nickel	mg/Kg	20	22.9		22.2		3		P
Potassium	mg/Kg	20	556		535		4		P
Selenium	mg/Kg	20	1.04	U	1.02	U			P
Silver	mg/Kg	20	0.58		0.53		9		P
Sodium	mg/Kg	20	52.5	J	50.3	J	4		P
Thallium	mg/Kg	20	2.08	U	2.04	U			P
Vanadium	mg/Kg	20	9.25		9.26		0		P
Zinc	mg/Kg	20	18.7		18.2		3		P



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Contract: loui01 **Lab Code:** CHEM **Case No.:** O1232 **SAS No.:** O1232
Matrix: Solid **Sample ID:** O1232-01MS **Client ID:** B-P17AMSD
Percent Solids for Sample: 89.4 **Duplicate ID** O1232-01MSD **Percent Solids for Spike Sample:** 89.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	2860		2900		1		P
Antimony	mg/Kg	20	30.5		32.0		5		P
Arsenic	mg/Kg	20	35.8		37.5		5		P
Barium	mg/Kg	20	42.8		42.5		1		P
Beryllium	mg/Kg	20	7.71		8.15		6		P
Cadmium	mg/Kg	20	9.44		9.99		6		P
Calcium	mg/Kg	20	1880		1730		8		P
Chromium	mg/Kg	20	28.2		30.3		7		P
Cobalt	mg/Kg	20	13.7		14.5		6		P
Copper	mg/Kg	20	20.1		21.3		6		P
Iron	mg/Kg	20	10300		10200		1		P
Lead	mg/Kg	20	51.9		54.2		4		P
Magnesium	mg/Kg	20	2200		2350		7		P
Manganese	mg/Kg	20	234		231		1		P
Mercury	mg/Kg	20	0.28		0.27		1		CV
Nickel	mg/Kg	20	48.0		52.3		9		P
Potassium	mg/Kg	20	1010		999		1		P
Selenium	mg/Kg	20	82.6		86.9		5		P
Silver	mg/Kg	20	3.62		3.65		1		P
Sodium	mg/Kg	20	176		172		2		P
Thallium	mg/Kg	20	94.5		99.3		5		P
Vanadium	mg/Kg	20	23.8		24.0		1		P
Zinc	mg/Kg	20	31.0		30.9		0		P