

metals
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MATRIX SPIKE SUMMARY

client: BAPS North Bergen Development Inc. **level:** low **sdg no.:** Q2892
contract: BAPS03 **lab code:** ACE
matrix: Solid **sample id:** Q2892-02 **client id:** 1-FLOOR-NORTH-EAST-CORNER-BACK-AI
Percent Solids for Sample: 90.9 **Spiked ID:** Q2892-02MS **Percent Solids for Spike Sample:** 90.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	11200		10100		100	1129		P
Antimony	mg/Kg	75 - 125	9.51		2.59	U	40.6	23	N	P
Arsenic	mg/Kg	75 - 125	42.5		10.6		40.6	78		P
Barium	mg/Kg	75 - 125	63.5		50.0		10.1	134		P
Beryllium	mg/Kg	75 - 125	8.55		0.88		10.1	76		P
Cadmium	mg/Kg	75 - 125	11.9		1.22		10.1	106		P
Calcium	mg/Kg	75 - 125	2030		1830		50.7	390		P
Chromium	mg/Kg	75 - 125	37.2		20.1		20.3	85		P
Cobalt	mg/Kg	75 - 125	21.0		10.2		10.1	107		P
Copper	mg/Kg	75 - 125	32.3		44.3		15.2	-79	N	P
Iron	mg/Kg	75 - 125	17300		17600		150	-154		P
Lead	mg/Kg	75 - 125	128		72.2		50.7	110		P
Magnesium	mg/Kg	75 - 125	5450		4820		100	634		P
Manganese	mg/Kg	75 - 125	419		425		10.1	-65		P
Nickel	mg/Kg	75 - 125	44.8		17.2		25.3	109		P
Potassium	mg/Kg	75 - 125	2830		1850		510	191	N	P
Selenium	mg/Kg	75 - 125	79.1		0.40	J	100	79		P
Silver	mg/Kg	75 - 125	3.73		0.59		3.8	83		P
Sodium	mg/Kg	75 - 125	515		360		150	103		P
Thallium	mg/Kg	75 - 125	99.8		2.08	U	100	100		P
Vanadium	mg/Kg	75 - 125	49.1		35.8		15.2	87		P
Zinc	mg/Kg	75 - 125	133		120		10.1	124		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: BAPS North Bergen Development Inc. **level:** low **sdg no.:** Q2892
contract: BAPS03 **lab code:** ACE
matrix: Solid **sample id:** Q2892-02 **client id:** 1-FLOOR-NORTH-EAST-CORNER-BACK-AI
Percent Solids for Sample: 90.9 **Spiked ID:** Q2892-02MSD **Percent Solids for Spike Sample:** 90.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	11400		10100		100	1361		P
Antimony	mg/Kg	75 - 125	9.18		2.59	U	40.9	22	N	P
Arsenic	mg/Kg	75 - 125	43.1		10.6		40.9	79		P
Barium	mg/Kg	75 - 125	64.0		50.0		10.2	138		P
Beryllium	mg/Kg	75 - 125	8.48		0.88		10.2	74	N	P
Cadmium	mg/Kg	75 - 125	12.0		1.22		10.2	106		P
Calcium	mg/Kg	75 - 125	2060		1830		51.2	437		P
Chromium	mg/Kg	75 - 125	37.4		20.1		20.5	85		P
Cobalt	mg/Kg	75 - 125	21.5		10.2		10.2	111		P
Copper	mg/Kg	75 - 125	32.2		44.3		15.4	-78	N	P
Iron	mg/Kg	75 - 125	17900		17600		150	188		P
Lead	mg/Kg	75 - 125	130		72.2		51.2	112		P
Magnesium	mg/Kg	75 - 125	5160		4820		100	339		P
Manganese	mg/Kg	75 - 125	424		425		10.2	-7		P
Nickel	mg/Kg	75 - 125	46.6		17.2		25.6	115		P
Potassium	mg/Kg	75 - 125	2560		1850		510	140	N	P
Selenium	mg/Kg	75 - 125	78.7		0.40	J	100	78		P
Silver	mg/Kg	75 - 125	3.73		0.59		3.8	83		P
Sodium	mg/Kg	75 - 125	509		360		150	100		P
Thallium	mg/Kg	75 - 125	99.2		2.08	U	100	99		P
Vanadium	mg/Kg	75 - 125	48.9		35.8		15.4	85		P
Zinc	mg/Kg	75 - 125	136		120		10.2	156		P

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MATRIX SPIKE SUMMARY

client: BAPS North Bergen Development Inc. **level:** low **sdg no.:** Q2892
contract: BAPS03 **lab code:** ACE
matrix: Solid **sample id:** Q2897-01 **client id:** HD-02-08182025MS
Percent Solids for Sample: 87.5 **Spiked ID:** Q2897-01MS **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.028		0.28	89		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>BAPS North Bergen Development Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q2892</u>
contract:	<u>BAPS03</u>			lab code:	<u>ACE</u>
matrix:	<u>Solid</u>	sample id:	<u>Q2897-01</u>	client id:	<u>HD-02-08182025MSD</u>
Percent Solids for Sample:	87.5	Spiked ID:	Q2897-01MSD	Percent Solids for Spike Sample:	87.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.028		0.28	89		CV