

metals
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MATRIX SPIKE SUMMARY

client: Yannuzzi Group, Inc. **level:** low **sdg no.:** Q3238
contract: YANN01 **lab code:** ACE
matrix: Solid **sample id:** Q3231-01 **client id:** WC-1MS
Percent Solids for Sample: 84.4 **Spiked ID:** Q3231-01MS **Percent Solids for Spike Sample:** 84.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	1.73	D	1.34	D	0.29	136		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Yannuzzi Group, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q3238</u>
contract:	<u>YANN01</u>			lab code:	<u>ACE</u>
matrix:	<u>Solid</u>	sample id:	<u>Q3231-01</u>	client id:	<u>WC-1MSD</u>
Percent Solids for Sample:	84.4	Spiked ID:	Q3231-01MSD	Percent Solids for Spike Sample:	84.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	1.71	D	1.34	D	0.29	128		CV

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MATRIX SPIKE SUMMARY

client: Yannuzzi Group, Inc. **level:** low **sdg no.:** Q3238
contract: YANN01 **lab code:** ACE
matrix: Solid **sample id:** Q3240-01 **client id:** OK-02-092925MS

Percent Solids for Sample: 95.8 **Spiked ID:** Q3240-01MS **Percent Solids for Spike Sample:** 95.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8550		7240		94.9	1377		P
Antimony	mg/Kg	75 - 125	12.3		2.33	U	38.0	32	N	P
Arsenic	mg/Kg	75 - 125	34.4		2.70		38.0	83		P
Barium	mg/Kg	75 - 125	37.3		25.1		9.5	128	N	P
Beryllium	mg/Kg	75 - 125	8.17		0.50		9.5	81		P
Cadmium	mg/Kg	75 - 125	9.96		0.26	J	9.5	102		P
Calcium	mg/Kg	75 - 125	3720		2810		47.4	1924		P
Chromium	mg/Kg	75 - 125	32.8		14.7		19.0	95		P
Cobalt	mg/Kg	75 - 125	21.1		8.95		9.5	128	N	P
Copper	mg/Kg	75 - 125	47.6		36.0		14.2	81		P
Iron	mg/Kg	75 - 125	17800		15300		140	1737		P
Lead	mg/Kg	75 - 125	56.7		12.4		47.4	93		P
Magnesium	mg/Kg	75 - 125	4220		3480		94.9	785		P
Manganese	mg/Kg	75 - 125	219		190		9.5	305		P
Nickel	mg/Kg	75 - 125	43.9		16.1		23.7	117		P
Potassium	mg/Kg	75 - 125	1970		1100		470	186	N	P
Selenium	mg/Kg	75 - 125	77.7		0.93	U	94.9	82		P
Silver	mg/Kg	75 - 125	3.19		0.16	J	3.6	84		P
Sodium	mg/Kg	75 - 125	625		438		140	133	N	P
Thallium	mg/Kg	75 - 125	97.9		1.86	U	94.9	103		P
Vanadium	mg/Kg	75 - 125	46.4		32.3		14.2	99		P
Zinc	mg/Kg	75 - 125	39.0		28.4		9.5	112		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Yannuzzi Group, Inc. **level:** low **sdg no.:** Q3238
contract: YANN01 **lab code:** ACE
matrix: Solid **sample id:** Q3240-01 **client id:** OK-02-092925MSD

Percent Solids for Sample: 95.8 **Spiked ID:** Q3240-01MSD **Percent Solids for Spike Sample:** 95.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7720		7240		90.0	529		P
Antimony	mg/Kg	75 - 125	10.3		2.33	U	36.0	29	N	P
Arsenic	mg/Kg	75 - 125	29.9		2.70		36.0	75		P
Barium	mg/Kg	75 - 125	32.8		25.1		9.0	86		P
Beryllium	mg/Kg	75 - 125	6.90		0.50		9.0	71	N	P
Cadmium	mg/Kg	75 - 125	8.40		0.26	J	9.0	91		P
Calcium	mg/Kg	75 - 125	3340		2810		45.0	1181		P
Chromium	mg/Kg	75 - 125	28.1		14.7		18.0	74	N	P
Cobalt	mg/Kg	75 - 125	17.9		8.95		9.0	100		P
Copper	mg/Kg	75 - 125	37.2		36.0		13.5	8	N	P
Iron	mg/Kg	75 - 125	16100		15300		130	614		P
Lead	mg/Kg	75 - 125	49.7		12.4		45.0	83		P
Magnesium	mg/Kg	75 - 125	3840		3480		90.0	399		P
Manganese	mg/Kg	75 - 125	213		190		9.0	249		P
Nickel	mg/Kg	75 - 125	36.9		16.1		22.5	93		P
Potassium	mg/Kg	75 - 125	1560		1100		450	102		P
Selenium	mg/Kg	75 - 125	67.5		0.93	U	90.0	75		P
Silver	mg/Kg	75 - 125	2.79		0.16	J	3.4	77		P
Sodium	mg/Kg	75 - 125	565		438		130	98		P
Thallium	mg/Kg	75 - 125	81.6		1.86	U	90.0	91		P
Vanadium	mg/Kg	75 - 125	41.9		32.3		13.5	71	N	P
Zinc	mg/Kg	75 - 125	34.8		28.4		9.0	71	N	P