

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q2994
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q2995-01 **client id:** RT5427MS
Percent Solids for Sample: 91.4 **Spiked ID:** Q2995-01MS **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.014	U	0.27	119.6		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q2994
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q2995-01 **client id:** RT5427MSD
Percent Solids for Sample: 91.4 **Spiked ID:** Q2995-01MSD **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.014	U	0.27	120.4	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q2994
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q2998-01 **client id:** AU-05-082925MS

Percent Solids for Sample: 94.5 **Spiked ID:** Q2998-01MS **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3740		3160		95.3	615		P
Antimony	mg/Kg	75 - 125	22.1		2.41	U	38.1	58	N	P
Arsenic	mg/Kg	75 - 125	40.0		4.63		38.1	93		P
Barium	mg/Kg	75 - 125	34.0		24.7		9.5	98		P
Beryllium	mg/Kg	75 - 125	8.28		0.32		9.5	84		P
Cadmium	mg/Kg	75 - 125	9.08		0.30		9.5	92		P
Calcium	mg/Kg	75 - 125	12100		12500		47.7	-944		P
Chromium	mg/Kg	75 - 125	26.4		9.49		19.1	89		P
Cobalt	mg/Kg	75 - 125	11.6		2.57		9.5	95		P
Copper	mg/Kg	75 - 125	25.9		14.5		14.3	79		P
Iron	mg/Kg	75 - 125	8710		8830		140	-81		P
Lead	mg/Kg	75 - 125	76.3		41.4		47.7	73	N	P
Magnesium	mg/Kg	75 - 125	6170		5460		95.3	746		P
Manganese	mg/Kg	75 - 125	70.6		67.5		9.5	33		P
Nickel	mg/Kg	75 - 125	29.0		7.23		23.8	91		P
Potassium	mg/Kg	75 - 125	1080		532		480	113		P
Selenium	mg/Kg	75 - 125	88.1		0.96	U	95.3	92		P
Silver	mg/Kg	75 - 125	3.63		0.36	J	3.6	91		P
Sodium	mg/Kg	75 - 125	375		217		140	113		P
Thallium	mg/Kg	75 - 125	82.2		1.92	U	95.3	86		P
Vanadium	mg/Kg	75 - 125	26.1		13.5		14.3	88		P
Zinc	mg/Kg	75 - 125	61.4		53.7		9.5	81		P

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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q2994
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q2998-01 **client id:** AU-05-082925MSD

Percent Solids for Sample: 94.5 **Spiked ID:** Q2998-01MSD **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4230		3160		87.8	1219		P
Antimony	mg/Kg	75 - 125	19.5		2.41	U	35.1	56	N	P
Arsenic	mg/Kg	75 - 125	37.5		4.63		35.1	94		P
Barium	mg/Kg	75 - 125	37.2		24.7		8.8	142	N	P
Beryllium	mg/Kg	75 - 125	7.57		0.32		8.8	82		P
Cadmium	mg/Kg	75 - 125	8.54		0.30		8.8	94		P
Calcium	mg/Kg	75 - 125	12500		12500		43.9	32		P
Chromium	mg/Kg	75 - 125	25.0		9.49		17.6	88		P
Cobalt	mg/Kg	75 - 125	11.1		2.57		8.8	97		P
Copper	mg/Kg	75 - 125	31.6		14.5		13.2	129	N	P
Iron	mg/Kg	75 - 125	9110		8830		130	222		P
Lead	mg/Kg	75 - 125	79.7		41.4		43.9	87		P
Magnesium	mg/Kg	75 - 125	6290		5460		87.8	946		P
Manganese	mg/Kg	75 - 125	78.9		67.5		8.8	129		P
Nickel	mg/Kg	75 - 125	28.2		7.23		22.0	95		P
Potassium	mg/Kg	75 - 125	1090		532		440	126	N	P
Selenium	mg/Kg	75 - 125	82.1		0.96	U	87.8	94		P
Silver	mg/Kg	75 - 125	3.50		0.36	J	3.3	95		P
Sodium	mg/Kg	75 - 125	427		217		130	161	N	P
Thallium	mg/Kg	75 - 125	76.4		1.92	U	87.8	87		P
Vanadium	mg/Kg	75 - 125	25.8		13.5		13.2	93		P
Zinc	mg/Kg	75 - 125	72.5		53.7		8.8	213		P