

APPENDIX B

Parameters, Analytical Methods and Reporting Limits

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Eagle Project

Parameter	Method	Reporting Limit	Units
Metals/Inorganics			
Antimony	USEPA-6020A	1.0	ug/L
Arsenic	USEPA-6020A	1.0	ug/L
Barium	USEPA-6020A	5.0	ug/L
Beryllium	USEPA-6020A	1.0	ug/L
Boron	USEPA-6020A	20	ug/L
Cadmium	USEPA-6020A	0.20	ug/L
Chromium	USEPA-6020A	1.0	ug/L
Cobalt	USEPA-6020A	15	ug/L
Copper	USEPA-6020A	1.0	ug/L
Iron	USEPA-6010B	10-20	ug/L
Lead	USEPA-6020A	1.0	ug/L
Lithium	USEPA-6010B	8.0	ug/L
Manganese	USEPA-6020A	5.0	ug/L
Mercury	USEPA-1631E	0.500	ug/L
Molybdenum	USEPA-6020A	10	ug/L
Nickel	USEPA-6020A	2.0	ug/L
Selenium	USEPA-6020A	1.0	ug/L
Silver	USEPA-6020A	0.20	ug/L
Strontium	USEPA-6020A	5.0	ug/L
Thallium	USEPA-6020A	2.0	ug/L
Vanadium	USEPA-6020A	1.0	ug/L
Zinc	USEPA-6020A	10	ug/L
Major Anions			
Alkalinity, Bicarbonate	USEPA-310.1	2.0	mg/L
Chloride	USEPA-325.2	1.0	mg/L
Nitrogen, Ammonia	USEPA-350.1	0.020	mg/L
Nitrogen, Nitrate	USEPA-353.2	0.050	mg/L
Nitrogen, Nitrite	USEPA-353.2	0.050	mg/L
Phosphorus, Total	USEPA-365.1	0.0100	mg/L
Sulfate	USEPA-375.4	1.0-5.0	mg/L
Major Cations			
Calcium	USEPA-6010B	0.50	mg/L
Magnesium	USEPA-6010B	0.50	mg/L
Potassium	USEPA-6010B	0.10-0.50	mg/L
Sodium	USEPA-6010B	0.50-1.0	mg/L
General Chemistry			
Hardness, (calculated) as CaCO ₃	Freeze and Cherry 1979	3	mg/L