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TECHNICAL REPORT
DIAMOND DRILLING
NEW LAKE PROPERTY,
GREATER COBALT PROJECT
June 19, 2021

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SUMMARY

This report was prepared and submitted by geoscientists employed by First Cobalt Corp; parent company to Cobalt Industries of Canada Ltd. who hold the mining claim rights where diamond drilling was conducted.

Diamond drilling was conducted at the Schumann Lake Property from November 7th 2018 to November 18th 2018 for a total of eleven (11) days. A total of six (6) diamond drill holes were drilled (most of which were oriented holes), geoteched, logged, sampled, split or cut, and geochemically analysed for precious and base metals mineralization. In total, 1158m of core was drilled; all holes were between 175-210m depth. The objective of the drilling program was to drill test the Schumann Lake Arch for silver-cobalt mineralization. This area contains a geological environment thought to be like that of the Kerr Lake Arch, a historically highly producing area in the heart of the Cobalt mining camp. Drilling was supervised by First Cobalt Corp geologists and conducted by Laframboise Drilling Ltd. from Earlton, Ontario.

The main access to the area is by a series of public bush roads (Mayfair road via Beaver Temisk Road) via the town of Cobalt, Ontario then individual drill sites were accessed by widening existing atv trails and establishing new drill trails. The trail and drilling site were cleared by a feller buncher (operated by Laframboise Drilling Ltd.) and useable timber was pilled along the drill trail for public use or used as corduroy for road-building. All collar casings were left in the holes, and these casings were capped using a metal flag.

All spatial data contained in this report reflect a Universal Trans Mercator system using North American Datum83 Zone 17. Collar co-ordinates were measured post drilling using a differential GPS unit.

Drill logs are provided in the Appendix along with geochemical assay results from samples submitted to AGAT Laboratories analysed in Mississauga, Ontario.

Drilling encountered a few cm-scale carbonate veins, however only five (5) samples had above detection limit concentrations of silver, of these the largest value was 5ppm Ag. All but 2 samples returned values of <100ppm Co, and 4 samples returned >1000ppm Cu. Sample E5723393 returned the highest metal concentrations at 3ppm Ag, 810ppm Co, and 12900ppm Cu. Follow up work is recommended to target a different portion of the property.

Location, Access, and Ownership

The Schumann Lake property is located within Gillies Limit Township, approximately 8km south-southeast of the Town of Cobalt. The property lies within the Larder Lake Mining Division. Holes were drilled on claims 306265, 313065, 209861 and 267681. The claims are held entirely (100%) by Cobalt Industries of Canada Inc. (a subsidiary of First Cobalt Corp.). Surface rights are held by the Crown.

Access to the property from the west is via Hound Chute Road via Coleman road from the town of Cobalt. These roads are gravel and well maintained. Alternative access from the east is widened atv trail off Mayfair road via Glenn Lake/Coleman road.

Drills were moved to site via the eastern route and moved to site on a combination of widened atv trails and newly established drill trails. These routes and the drill pads were cleared with a feller buncher operated by Laframboise Drilling Ltd. and usable timber was piled on the side of the trail for public use.

Figure 1 shows the location of the property relative to the nearby town of Cobalt.

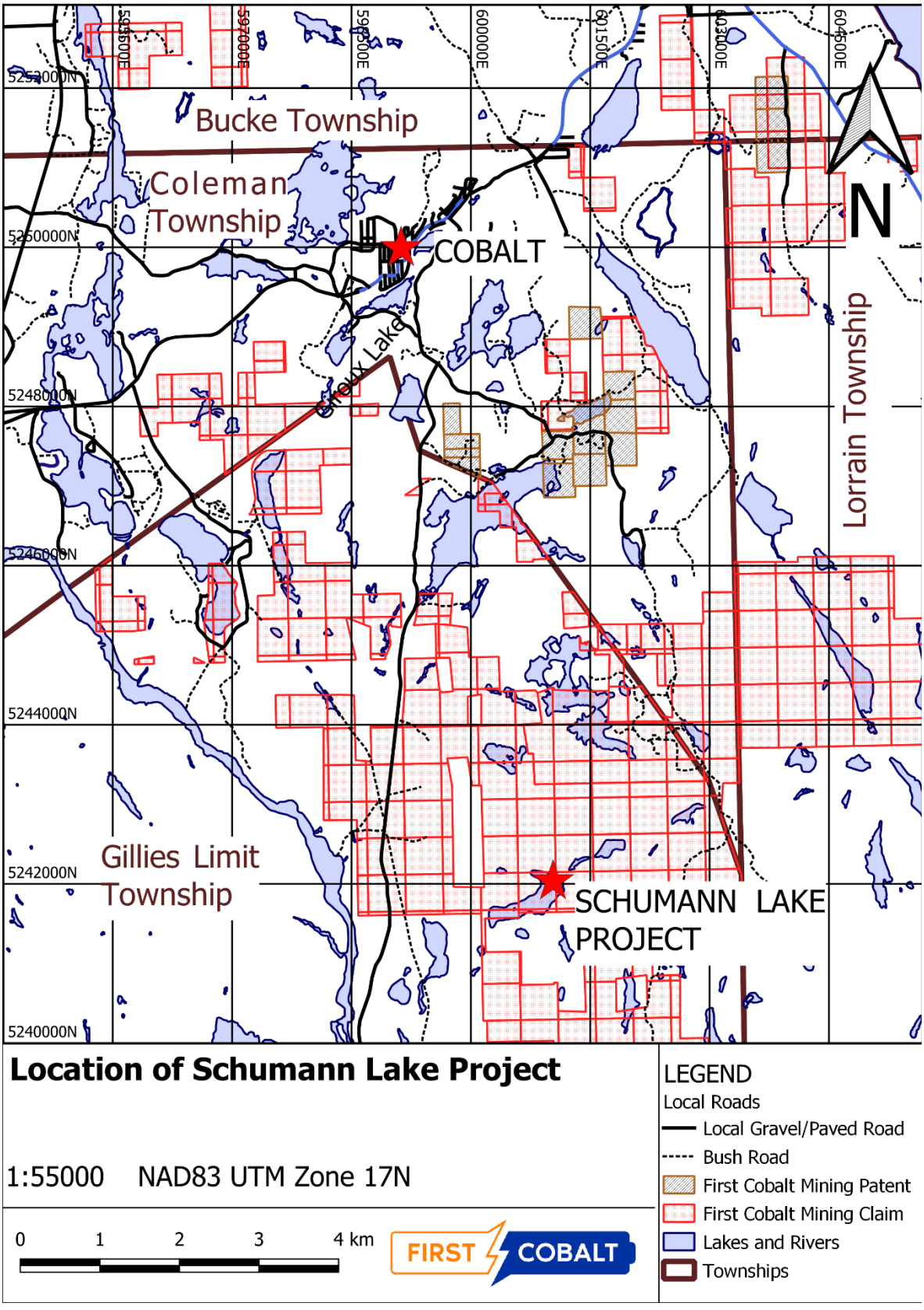

Figure 1. Location of the New Lake property.

Property History and Previous Work

Prospecting in this area likely began in the early 1900's with the discover of silver in Cobalt, however no historical data is available from this time period.

The first record of work done is from the 1947, when Farifax mines Ltd. conducted a mapping program in the area. The first drilling recorded was done by Bradville Drilling and Exploration, who drilled 11 holes in the area between 1949 and 1953. Some drilling continued through the 1950's, and 1960's, and the first recorded use of geophysics on the property was a magnetics survey conducted in 1961 by Nickel Rim Mines LTD. Renewed interest in the area took hold in the early 2000's, when Cabo Mines Ltd. executed a magnetics survey, geological mapping program and a drill program as a part of their regional exploration program. None of these programs encountered significant mineralization.

After several more years dormant, some exploration firms took an interest in diamond exploration in 2009-2011. No significant results were encountered, and the area has remained unworked until this exploration program.

The most used geological map in the area was prepared in 1964 by Thomson of the Ontario Geological Survey.

Year	Report No	Operator	Work type
1947	31M05SE0096	Farifax Mines Ltd.	Geological Mapping
1951	31M05SE0051	Bradville Drilling and Exploration	11 Drill holes, no significant mineralization encountered.
1959	31M05SE0052	Plaskett Group	Report on Drilling, no significant intercepts
1968	31M05SE0053	Hugh-Pam Porcupine	One drill hole, No significant intercepts
1961	31M05SE0095	Nickel Rim Mines LTD	Magnetics survey with some interesting anomalies. Inferior to more modern regional mag surveys.
2000	31M05SE2028	Cabo Mining Corp	UTEM-3 EM and Mag surveys over New Lake/Schumann Lake
2003	31M05SE2057	Cabo Mining Corp	Geological mapping in Schumann-Santa Maria area
2004	31M05SE2069	Cabo Mining Corp	Drilling report, mostly to the south of Schumann (Santa Maria area)
2009	20008471	Diamond Exploration Inc.	Abitibi Geophysics Magnetics report on behalf of Diamond Exploration Inc.
2009	20008472	Cabo Mining Enterprises Ltd.	Prospecting, till sampling and stripping report. No significant results.

Table 2 – Summary of previous work undertaken at Schumann Lake

Geological Setting

Archean Keewatin rocks are the oldest rocks in the Cobalt Camp and form the southernmost portion of the Western Abitibi sub-province of the Superior Province (Ruzicka and Thorpe, 1996). These rocks include predominantly intermediate to mafic metavolcanic flows with intercalated metasedimentary rocks. The Archean rocks were folded and intruded by mafic to ultramafic dikes and granite stocks and batholiths. The eroded Archean surface is unconformably overlain by relatively flat lying Paleoproterozoic sedimentary rocks of the Huronian Supergroup which forms the mildly deformed Cobalt Embayment of the Southern Province. At the northeast edge of the Cobalt Embayment in the Cobalt area, the Huronian Supergroup rocks comprise only the Cobalt Group (Gowganda and Lorrain formations) and are commonly found filling interpreted paleo-valleys or troughs in the Archean basement. Early Proterozoic-age Nipissing Diabase intrudes both the Archean basement and the Huronian sediments. The Nipissing Diabase are the most abundant and widespread igneous rocks intruding the Huronian Supergroup sediments and occur as dykes, and sills up to several hundred metres thick. In the Cobalt area, the Nipissing diabase is interpreted as a thick undulating sheet intruding the Cobalt Group sediments at or immediately above the Archean unconformity (Lightfoot et al., 1993).

The Cobalt Camp is the type locality of arsenide silver-cobalt vein deposits (Kissin, 1992). The Greater Cobalt project area contains several known deposits, historically mined, which have been targeted for their cobalt potential. Arsenide silver-cobalt vein deposits are localized in areas affected by basinal subsidence and rifting and are spatially related to regional fault systems and closely associated with intrusions of mafic rocks. The arsenide silver-cobalt vein deposits in the Cobalt Camp are associated with Aphebian conglomerate, quartzite, and greywacke rocks of the Cobalt Group (Coleman Member of the Gowganda Formation), as well as with major sill-like bodies of Nipissing diabase and with Archean mafic and intermediate lavas and intercalated pyroclastic and sedimentary rocks. Distribution of the silver-cobalt veins in the Cobalt Camp is controlled by the contact between the Nipissing diabase sheets and the rocks of the Cobalt Group (Gowganda Formation) and to a lesser extent the Archean metavolcanic and metasedimentary rocks (Andrews et al., 1986). The veins occur in the diabase and in the Aphebian and Archean rocks within about 200 m of their contact with the diabase.

The Schumann Lake – Mary Ann Lake area sits in the center of a large antiform, first described by Thomson in 1964 as the Schumann Lake Arch. The surficial geology on the project is a sheet of Nipissing Diabase, which cuts under the Archean bedrock to the north and south. Mapping by First Cobalt in 2018 suggests this structure is related to secondary deformation rather than the primary shape of the Nipissing Diabase. Several small faults and large, open folds were noted during this mapping as well. No known mineral occurrences are present over this property.

This geological environment has notable similarities to the Kerr lake Arch, one of the highest producing portions of the Cobalt Camp. In that area, the hinge of the diabase arch/antiform is eroded out and Huronian rocks are exposed at surface. Historical drilling has confirmed the presence of Huronian Supergroup rocks below the diabase contact and Archean metasedimentary/metavolcanic rocks underlying the Huronian Supergroup.

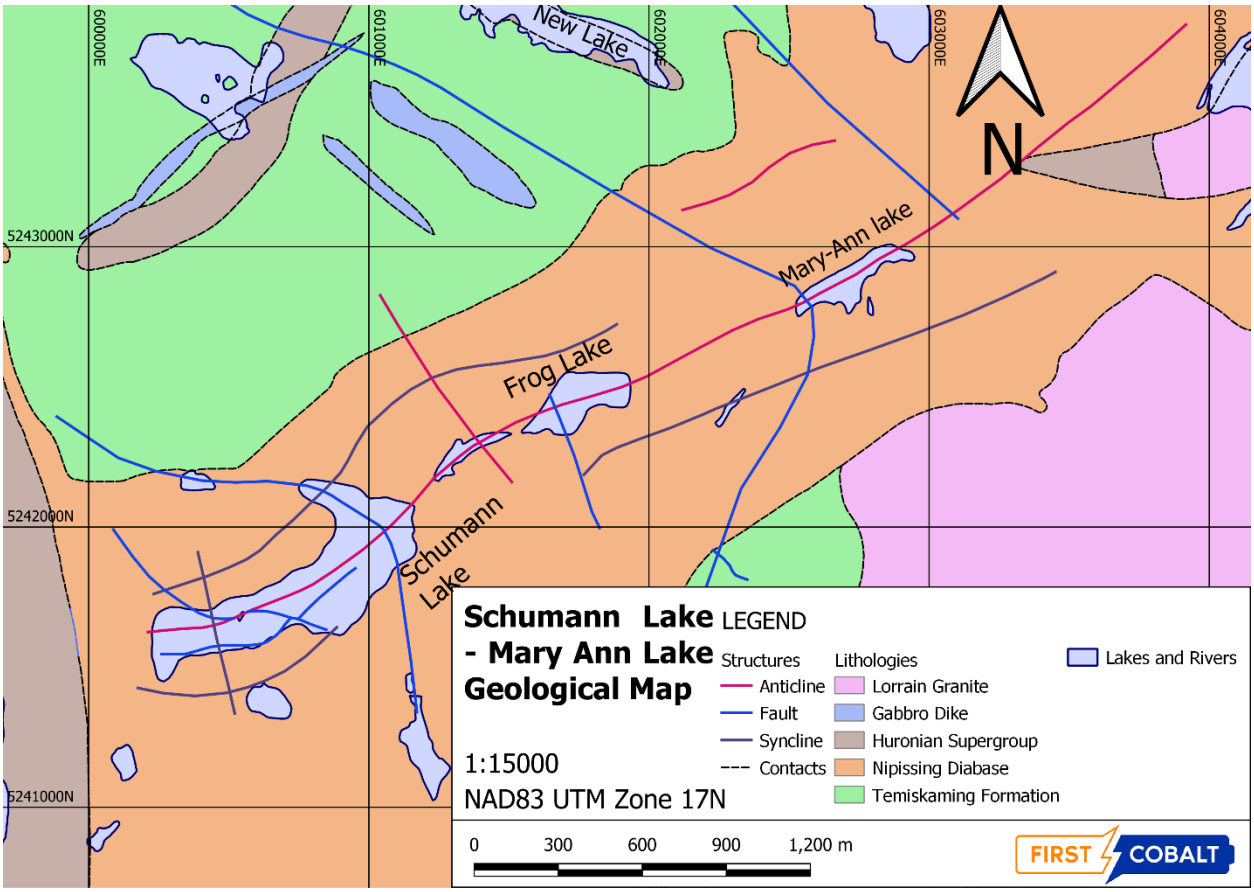

Figure 2 – Geological map of the Schumann Lake area

Exploration Permit

Permission for drilling on the Schumann Lake property was received on September 28, 2018, under Exploration Permit PR-18-000166. Figure 2 is a plan map showing drill sites and the claims they lie on.

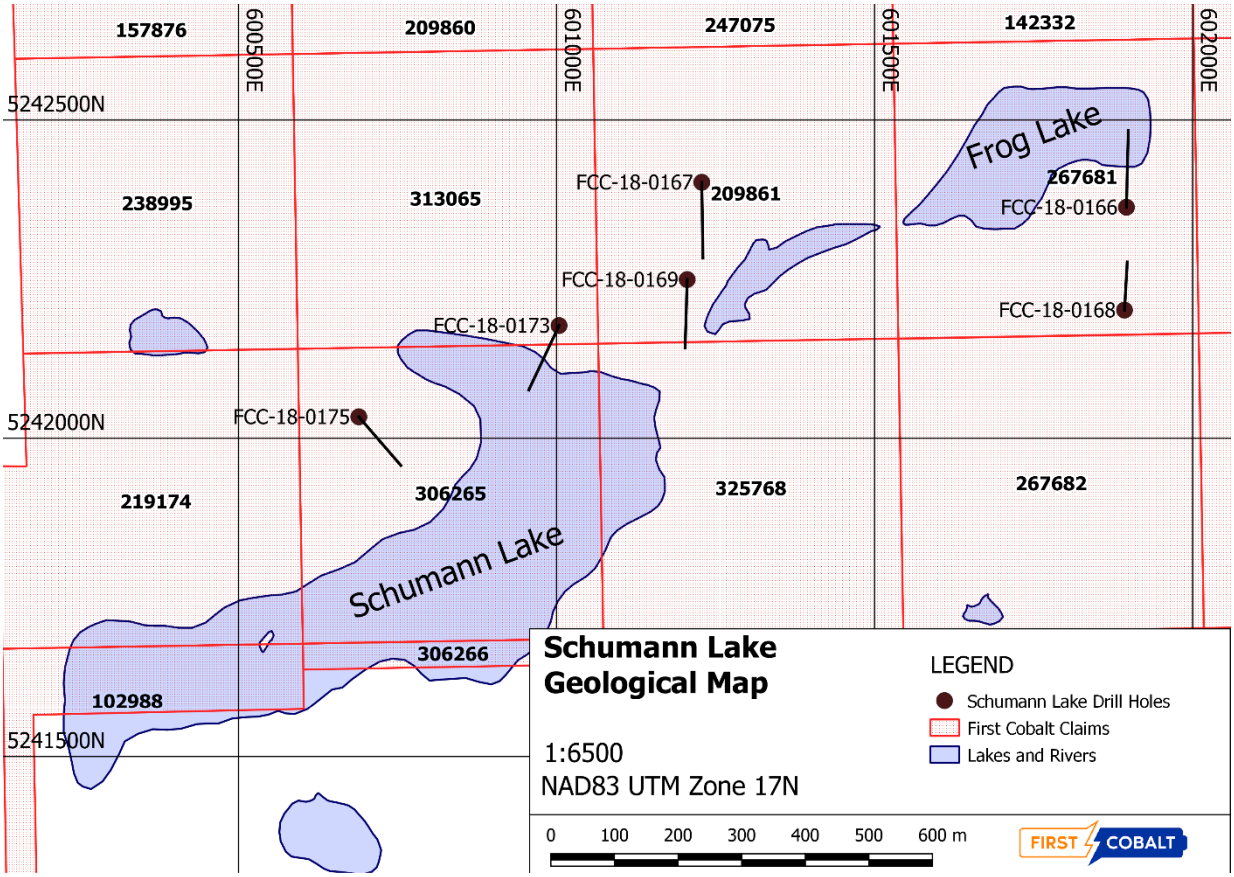

Figure 3. Active claims held by Cobalt Industries of Canada Inc (a subsidiary of First Cobalt).

Drilling Details

Six diamond drill holes tested geological trends in the Schumann Lake-Frog Lake area. A map of the collar and claim locations is presented in figure 3.

Targets for drilling were generated through detailed (1:5000 scale) structural mapping by David Lewis and discussion with the exploration team. Hole locations and specifications were determined using Geoscience Analyst 3D modeling software and QGis GIS software.

Laframboise Drilling Ltd mobilized to the New Lake property on November 7, 2018 and demobilized on November 18, 2018. In this time, six diamond drill holes (NQ diameter) were drilled on the Schumann Lake property, totaling 1158m. Table 2 summarizes the diamond drill hole details, and Table 3 summarizes samples collected. Geological drill logs, strip logs, and analytical/assay certificates are appended to this report (Appendices II, III, and IV, respectively).

Upon completion of drilling, casings that were left in the ground were flagged with a red metal flag (labelled with the drill hole number).

Table 2. Summary of Diamond Drill Hole Locations.

Hole Number	Easting	Northing	Elevation	Azimuth	Dip	Start Date	End Date	Claim Number
FCC-18-0166	601896	5242363	319.02	1.4	-54.7	2018-11-07	2018-11-09	267681
FCC-18-0167	601228	5242402	317.54	179.1	-55.3	2018-11-08	2018-11-10	209861
FCC-18-0168	601893	5242201	344.56	3.3	-65	2018-11-09	2018-11-10	267681
FCC-18-0169	601205	5242249	320.09	181.7	-55.1	2018-11-10	2018-11-15	209861
FCC-18-0173	601003.7	5242177	310.7	205.2	-55.4	2018-11-15	2018-11-17	313065
FCC-18-0175	600688.9	5242034	314	139.1	-55	2018-11-17	2018-11-18	306265

**Coordinates are recorded in UTM NAD83, Zone 17 North.*

Geological Logging Results

Drill logs and sections are provided in appendices II and III. All holes were collared in a thin layer of overburden (typically less than 2m thick) which overlies Nipissing diabase. In all holes except FCC-18-0173 the diabase was at least 140m thick. The diabase is often cut by late mafic intrusive dikes. Typically, below the diabase there is a lens of Huronian Supergroup Proterozoic rocks. The dominant facies are Coleman Siltstone underlain by Coleman Conglomerate. Some holes did not extend into the conglomerate. Half of the holes extended through the Proterozoic sedimentary rocks and into the Archean mafic volcanics below. The unconformity undulates in this area but is relatively flat lying.

Some faults were encountered in the drill program, and these tended to be narrow and unmineralized.

Alteration is weak in the area, with the most prominent alteration being the "spotted rock" chlorite alteration found in the Huronian Supergroup sedimentary rocks near the diabase contact.

Trace fine-grained pyrite is present in many intervals, often associated with typical pink carbonate veins. The most substantial intercept from the drill program is a 9cm interval in hole FCC-18-0167 which contains a zone of up to 80% py/cpy. No silver or cobalt veins were observed during logging.

Assay Results

First Cobalt has implemented a quality control program to comply with common industry best practices for sampling and analysis.

Sample security measures follow industry standard best practices. Drill core are received from the contractor twice daily and inspected on receipt. A company representative, typically a project geologist, visits the drill each day. A standard operating procedure has been defined for logging and sampling per industry standards. Samples are defined during logging by a professional geologist. Sample labels are inserted into the core boxes by the logging geologist. Samples are cut and split in the same facility as logging by technicians. Samples are bagged with sample tags inserted into the bag and labels marked with marker on the outside. Sample bags are sealed using a plastic zip lock cable tie. Samples are placed in white rice bags for ease of handling to an approximate weight of 30kg. The rice bags are labelled with sample number ranges and each is addressed with the laboratory. Rice bags are sealed using a plastic zip lock cable tie.

Sample batches dispatched to the lab are defined by individual drill holes to reduce possible sample mixing errors between holes.

Samples are collected from drill core from a range of 30 to 100cm length at the discretion of the geologist according to lithological contacts, structures, veins, and mineralized horizons. Drill core is cut and/or split in half and half core is submitted for analyses. Standards and blanks are inserted every 20 samples. Duplicates are made from quarter core splits every 20 samples. Standards have been generated from mineralized material from the project area and certified values for Co and Ag have been derived by Analytical Solutions Ltd., an accredited geochemical consulting group. OREAS reference standard material has also been used. Blank material is marble gravel used as decorative stone containing low levels of Co (<0.002%)

Geochemical data were received from AGAT Laboratories in Mississauga, Ontario, Canada. Sample preparation was done in Timmins, Ontario, Canada. At the laboratory, samples <5 kg are dried and crushed to 75% passing 2 mm screen, a 250 g split are then taken and pulverized to 85% passing 75 microns for analysis. AGAT has used a sodium-peroxide fusion and ICP finish for analyses on all samples. High silver values (>20 g/t) are determined by a separate three-acid digestion and ICP finish. AGAT is a fully accredited laboratory and conforms with the requirements of CANP4E (ISO/IEC 17025:2005) and CANP1579 by the Standards Council of Canada

All results have passed QA/QC protocols.

The assay results are disappointing but match what was observed in the logging. There are only two samples with anomalous Co values (>100ppm), and no significant silver intercepts. The highest-grade sample is E5725593, a 31cm sample located in hole FCC-18-0167. This sample contains 810ppm Co, 12900ppm Cu, and 3ppm Ag. No intervals of economic interest were identified.

Complete analytical results can be found in Appendix IV.

Interpretation

Results from the Schumann Lake property were not substantial from an economic perspective. The complete absence of any significant silver grades, and only two samples beyond background (>100ppm) Co suggest that these areas are highly unlikely to be part of a future mine.

This area was confirmed to have many of the same characteristics of Kerr lake, but without substantial mineralization.

There are many possible reasons why this area is less mineralized including:

1) This area has no graphitic shales to act as a structural/chemical trap
2) Farther away from the source of fluids
3) Less intense deformation/no structural traps

Though secondary structures were tested by this drilling program, the main fold hinge remains untested and potentially open. More work is needed in this area and along trend to determine the real prospectivity of the area.

Recommendations

Though the assay results are disappointing, the main structure (the anticline running through the center of Schumann and Mary-Ann Lake) remains untested. Local zones of strong fluid brecciation are encouraging. For these reasons, a drill program is recommended targeting the main anticline under Schumann Lake, as well as the extension of this zone farther to the east, towards Mary-Ann Lake, where buried black shales may make this a more prospective target.

Refinement of targets via an IP survey could also be a useful tool in this area.

References

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Certificate of Qualified Persons

I, Frank Santaguida, Ph.D. P. Geo., residing in Whitby, Ontario, Canada, do hereby certify that:

1) I have personally prepared the Technical Report and approve of its contents.

2) I am the Vice President of Exploration for First Cobalt Corp. based in Toronto, Ontario at Suite 201 , 140 Yonge Street M5C 1X6.

3) I graduated with an Honours B.Sc. and M.Sc (Earth Sciences) from University of Waterloo, Ontario in 1991 and 1994 respectively. I obtained my Ph.D. (Earth Sciences) at Carleton University, Ottawa, Ontario in 1999. I have practiced as a geoscientist continuously since 1991. I have worked on exploration and mining programs throughout Canada, Australia, Africa, Finland, and Sweden. I have extensive experience with both precious and base metals in various mineral deposit types and geological terranes.

4) I am a Practicing Professional Geologist registered with the Association of Professional Geoscientists of Ontario (APGO) since 2005, registration number, 0836

6) As of the effective date of the Technical Report, to the best of my knowledge, information and belief, this Technical Report contains all the scientific and technical information that is required to be disclosed to ensure the Technical Report is not misleading.

Toronto, Ontario, Canada

(Signed and Sealed) “Frank Santaguida”

December 20, 2018

Frank Santaguida, Ph.D., P. Geo.

Vice President Exploration

First Cobalt Corp.

APPENDIX I

EXPENDITURES AND INVOICES

Schumann Lake Drilling Expenditures

			DATES OF FIELD WORK					MNDM COST CATEGORIES						
WORK TYPE	**PERSONNEL**	**ROLE / DESCRIPTION**	**From**	**To**	**Units**	**# Units**	**Rate/unit**	**$Supervision & Labour**	**$Contractors & Consultants**	**$Supplies & Rental Equipment**	**$Food and Lodging**	**$Transport personnel/equip to work site**	**$Assaying**	**$Shipping**
Supervision/Report Writing	Frank Santaguida	VP Exploration	2019-03-18	2019-03-19	Days	1	$ 800.00	$ 800.00						
Map Making & Reporting	Russell Johnston	Project Geologist	2021-01-05	2021-01-12	Days	6	$ 400.00	$ 2,400.00						
Planning/Drill Management	Matt Halliday	Project Geologist	2018-11-09	2018-11-26	Days	2.00	$ 450.00	$ 900.00						
Planning/Drill Management	Dan Chisholm	Project Geologist	2018-11-09	2018-11-26	Days	5.00	$ 450.00	$ 2,250.00						
Planning/Drill Management	Meghan Hewton	Project Geologist	2018-11-09	2018-11-26	Days	9.00	$ 450.00	$ 4,050.00						
Logging	Jonathan Warner	Logging Geologist	2018-11-09	2018-11-26	Days	5.00	$ 350.00	$ 1,750.00						
Geotech/Orient	Pierre From	Technician	2018-11-09	2018-11-26	Days	4.00	$ 250.00	$ 1,000.00						
Geotech/Orient	Epison Eldho	Technician	2018-11-09	2018-11-26	Days	5.00	$ 255.00	$ 1,275.00						
Logging	Kevin Tateishi	Logging Geologist	2018-11-09	2018-11-26	Days	4.00	$ 350.00	$ 1,400.00						
Geotech/Orient	Dave Lamontagne	Technician	2018-11-09	2018-11-26	Days	4	$ 400.00	$ 1,600.00						
Logging	Matthew Brown	Logging Geologist	2018-11-09	2018-11-26	Days	6	$ 350.00	$ 2,100.00						
Geotech/Orient	Mayank Patel	Technician	2018-11-09	2018-11-26	Days	6.00	$ 300.00	$ 1,800.00						
Logging	Jamie-Lee Bruce	Logging Geologist	2018-11-09	2018-11-26	Hours	40.00	$ 66.00	$ 2,640.00						
Logging	Gerhard Kiessling	Logging Geologist	2018-11-09	2018-11-26	Days	2.00	$ 350.00	$ 700.00						
Drilling	Borat Longyear	TruCore Rental	2018-11-07	2018-11-18	month	0.37	$ 2,350.00			$ 862.45				
Geochem	Reflex	XRF Rental	2018-10-24	2018-11-04	Days	12.00	$ 243.00			$ 2,916.00				
Drilling (166)	Laframboise	Drill Contractor	2018-11-07	2018-11-09	Meters	209.00	$ 75.00		$ 15,675.00					
Drilling (167)	Laframboise	Drill Contractor	2018-11-08	2018-11-10	Meters	209.00	$ 75.00		$ 15,675.00					
Drilling (168)	Laframboise	Drill Contractor	2018-11-09	2018-11-10	Meters	179.00	$ 75.00		$ 13,425.00					
Drilling (169)	Laframboise	Drill Contractor	2018-11-10	2018-11-15	Meters	188.00	$ 75.00		$ 14,100.00					
Drilling (173)	Laframboise	Drill Contractor	2018-11-15	2018-11-17	Meters	197.00	$ 75.00		$ 14,775.00					
Drilling (175)	Laframboise	Drill Contractor	2018-11-17	2018-11-18	Meters	176.00	$ 75.00		$ 13,200.00					
Supplies	Northern Industrial Supply	Vendor	2018-11-21				flat			$ 64.66				
Supplies	Northern Industrial Supply	Vendor	2018-11-15				flat			$ 145.28				
Casing and shoes	Laframboise	Drill Contractor	2018-11-07	2018-11-16	flat				$ -	$ 2,070.00				
Trail Construction - Buncher	Laframboise	Drill Contractor	2018-11-07	2018-11-16	Hours	25.00	$ 170.00		$ 4,250.00					
Trail/Pad Building (Excavator)	Laframboise	Drill Contractor	2018-11-07	2018-11-16	Hours	22.00	$ 120.00		$ 2,640.00					
Core Boxes	Laframboise	Drill Contractor	2018-11-07	2018-11-16	Boxes	540.00	$ 7.50		$ 4,050.00					
Core Drop Off	Laframboise	Drill Contractor	2018-11-07	2018-11-16		48.00	$ 75.00		$ 3,600.00					
Drill Move	Laframboise	Drill Contractor	2018-11-16		Flat				$ 2,000.00					
						# samples								
Assay	AGAT (Cert #18B413917)	Geochem lab	2018-12-24			82	$ 38.58						$ 3,163.70	
Assay	AGAT (Cert #18B417169)	Geochem lab	2019-01-08			16	$ 38.45						$ 615.20	
Assay	AGAT (Cert #18B414062)	Geochem lab	2019-01-10			105	$ 44.70						$ 4,693.80	
Assay	AGAT (Cert #18B415583)	Geochem lab	2019-01-10			35	$ 38.78						$ 1,357.15	
Assay	AGAT (Cert #18B414095)	Geochem lab	2019-01-14			14	$ 38.36						$ 537.10	
Assay	AGAT (Cert #18B419026)	Geochem lab	2019-01-25			71	$ 38.64						$ 2,743.75	
Trucking	Manitoulin Trucking	Sample Shipment	2018-11-26	2018-11-28			flat							$ 1,130.01
Truck Rental	Enterprise Rentals, $100/day including fuel,		2018-11-07	2018-11-16	Days	10.00	$ 100.00					$ 1,000.00		
Facilities	$150/day including building rental, heat, hydro and	Core Shack	2018-11-07	2018-11-16	Days	10.00	$ 150.00					$ 1,500.00		
Crew Housing	$100/day including rental cost, heat, hydro, internet	Accomidation	2018-11-07	2018-11-16	Days	10.00	$ 100.00					$ 1,000.00		
								$ 24,665.00	$ 103,390.00	$ 6,058.39	$ -	$ 3,500.00	$ 13,110.70	$ 1,130.01
												TOTAL COST =		**$ 151,854.10**

FIRST COBALT

Monthly Time Sheet

Daily Activity Log

Name: EBISON P ELDHO **Date:** 16-Nov-18

Reporting Period **From:** November 3, 2018 **To:** 16-Nov

			Days Worked						
Date	Work Description	Account Code	Corporate & Admin	Kirlake	New Lake	Project	Project	Project	Project
01-Nov	geo tech			1.0	1.0				
02-Nov	geo tech			1.0	1.0				
03-Nov	geo tech			1.0					
04-Nov	off								
05-Nov	off								
06-Nov	geo tech			1.0					
07-Nov	geo tech			1.0					
08-Nov	geo tech			1.0					
09-Nov	geo tech			1.0					
10-Nov	geo tech			1.0					
11-Nov	off								
12-Nov	off								
13-Nov	geo tech			1.0					
14-Nov	sick day off								
15-Nov	sick day off								
16-Nov	geo tech			1.0					
17-Nov	geo tech (Schumann)					1.0			
18-Nov	off								
19-Nov	off								
20-Nov	geo tech (Schumann)					1.0			
21-Nov	geo tech (Schumann)					1.0			
22-Nov	geo tech (Silver Leaf)			1.0					
23-Nov	geo tech (Silver Leaf)			1.0					
24-Nov	geo tech (Silver Leaf)			1.0					
25-Nov	off								
26-Nov	off								
27-Nov	geotech (Glen)					1.0			
28-Nov	geotech (Glen)					1.0			
29-Nov	geotech (Belmont)			1.0					
30-Nov	geotech (Belmont)			1.0					
TOTALS			0	13	0	5	0	0	0

Monthly Time Sheet

Daily Activity Log

Name: Gerhard Kiessling **Date: November 31st 2018**

Reporting Period **From:** Nov 1, 2018 **To:** Nov 31, 2018

Monthly Time Sheet

		Days Worked									
				Dropdown List of Projects							
Date	Work Description	Regional General	Corporate &	Kerr	Schumann Lake	New Lake	Santa Maria	Projects	Projects	Lieu Days Accrued	Lieu Days Taken
01-Nov											
02-Nov											
03-Nov											
04-Nov											
05-Nov											
06-Nov											
07-Nov	Travel	1									
08-Nov	Logging					1					
09-Nov	Logging					1					
10-Nov	Logging					1					
11-Nov	Logging				1						
12-Nov	Logging				1						
13-Nov	Logging				1						
14-Nov	Logging				1						
15-Nov	Logging				1						
16-Nov	Logging				1						
17-Nov	Misc	1									
18-Nov	Misc	1									
19-Nov	Misc	1									
20-Nov	Misc	1									
21-Nov	Misc	1									
22-Nov	Misc	1									
23-Nov	Misc	1									
24-Nov	Misc	1									
25-Nov	Misc	1									
26-Nov	Misc	1									
27-Nov	Misc	1									
28-Nov	Travel	1									
29-Nov											
30-Nov											
TOTALS		12.0	0.0	0.0	6.0	3.0	0.0	0.0	0.0	0.0	0.0

FIRST COBALT

Monthly Time Sheet

Daily Activity Log

Name: Kevin Tateishi **Date:** 30-Nov-18

Reporting Period **From:** 01-Nov-18 **To:** 30-Nov-18

			Days Worked								
Date	Work Description	Account Code	Corporate & Admin	New Lake	Nerlip	Belmont	Glen	Schuman Lake	Latour-Lang Caswell	Silver Lake	Santa Maria
01-Nov	Logging			1.0							
02-Nov	Logging			1.0							
03-Nov	Logging			1.0							
04-Nov	Travel from Haileybury to Waterloo										
05-Nov											
06-Nov											
07-Nov											
08-Nov											
09-Nov											
10-Nov											
11-Nov											
12-Nov											
13-Nov											
14-Nov											
15-Nov											
16-Nov											
17-Nov											
18-Nov											
19-Nov											
20-Nov											
21-Nov											
22-Nov											
23-Nov											
24-Nov	Travel from Waterloo to Hailebury		1.0								
25-Nov	Core Logging, Belmont Picketing with Glenn					0.50	0.50				
26-Nov	Core Logging, Seismic Nodes			0.5		0.25	0.25				
27-Nov	Core Logging, Seismic Nodes			0.5		0.25	0.25				
28-Nov	Core Logging, Seismic Nodes			0.5		0.25	0.25				
29-Nov	Nerlip Prospecting with Matt Halliday				1.0						
30-Nov	Nerlip Sample Processing and Core Tech'ing				0.5	0.50					
TOTALS			1	1.5	1.5	1.75	1.25	0	0	0	0

Monthly Time Sheet
Daily Activity Log

Matthew Brown

Date: **November 30th 2018**

Reporting Period **From: Nov** 1st 2018 **To:** Nov 30th 2018

		Days Worked								
				Dropdown List of Projects						
Date	Work Description	Regional General	Corporate &	New Lake	Schumann Lake	Borden	Kerr	Schumann Lake West	Schumann Lake	Keeley-Frontier
01-Nov	Travel	1.0								
02-Nov	logging			1						
03-Nov	logging			1						
04-Nov	Field	1.0								
05-Nov	Field	1								
06-Nov	logging			1						
07-Nov	logging			1						
08-Nov	logging			1						
09-Nov	logging			1						
10-Nov	Field			1						
11-Nov	Field				1					
12-Nov	Field				1					
13-Nov	Field				1					
14-Nov	logging			1						
15-Nov	logging			1						
16-Nov	Sick	1								
17-Nov	Logging						1			
18-Nov	Logging						1			
19-Nov	Logging						1			
20-Nov	Logging						1			
21-Nov	Logging						1			
22-Nov	Logging						1			
23-Nov	Travel Day	1.0								
24-Nov										
25-Nov										
26-Nov										
27-Nov										
28-Nov										
29-Nov										
30-Nov	Travel Day	1.0								
TOTALS		7.0	0.0	9.0	0.0		0.0	0.0	0.0	0.0

FIRST COBALT

Monthly Time Sheet
Daily Activity Log

Name: Daniel Chisholm **Date:** _____

Reporting Period **From:** November 1, 2018 **To:** November 30, 2018

			Days Worked						
Date	Work Description	Corporate & Admin	New Lake	Nerlip	Kerr Lake	Glen	Schumann	Lieu Days Accrued	Lieu Days Taken
01-Nov	Drill Management		1.0						
02-Nov	Drill Management		1.0						
03-Nov			1.0					1.0	
04-Nov									
05-Nov									1.0
06-Nov	Drill Management						1.0		
07-Nov	Drill Management						1.0		
08-Nov	Drill Management						1.0		
09-Nov	Drill Management						1.0		
10-Nov	Drill Management						1.0		1.0
11-Nov									
12-Nov	Drill Management						1.0		
13-Nov								1.0	
14-Nov	Drill Management						1.0		
15-Nov	Drill Management						1.0		
16-Nov	Drill Management				0.5		0.5		
17-Nov									
18-Nov									
19-Nov	Drill Management				0.5		0.5		
20-Nov	Drill Hole Planning				0.5	0.5			
21-Nov									1.0
22-Nov									1.0
23-Nov	Drill Management				1.0				
24-Nov	Drill Management				0.5	0.5			
25-Nov								1.0	
26-Nov	Drill Management				1.0				0.5
27-Nov	Drill Management				1.0				
28-Nov	Planning Nerlip Trip			0.5					
29-Nov	Prospecting/Sampling at Nerlip			1.0					
30-Nov	Nerlip Reporting			1.0					
TOTALS		0	3	2.5	5.0	1.0	9	3	4.5

FIRST COBALT

Monthly Time Sheet
Daily Activity Log

Name: Matthew Halliday **Date:**

Reporting Period **From:** November 1, 2018 **To:** November 30, 2018

			Days Worked						
Date	Work Description	Corporate & Admin	New Lake	Nerlip	Kerr Lake	Glen	Schumann	Lieu Days Accrued	Lieu Days Taken
01-Nov	Drill Management		1.0						
02-Nov	Drill Management		1.0						
03-Nov			1.0					1.0	
04-Nov									
05-Nov									1.0
06-Nov	Drill Management						1.0		
07-Nov	Drill Management						1.0		
08-Nov	Drill Management						1.0		
09-Nov	Drill Management						1.0		
10-Nov	Drill Management						1.0		1.0
11-Nov									
12-Nov	Drill Management						1.0		
13-Nov								1.0	
14-Nov	Drill Management						1.0		
15-Nov	Drill Management						1.0		
16-Nov	Drill Management				0.5		0.5		
17-Nov									
18-Nov									
19-Nov	Drill Management				0.5		0.5		
20-Nov	Drill Hole Planning				0.5	0.5			
21-Nov									1.0
22-Nov									1.0
23-Nov	Drill Management				0.5	0.5			
24-Nov	Drill Management				0.5	0.5			
25-Nov								1.0	
26-Nov	Drill Management				0.5	0.5			0.5
27-Nov	Drill Management				0.5	0.5			
28-Nov	Planning Nerlip Trip			0.5					
29-Nov	Prospecting/Sampling at Nerlip			1.0					
30-Nov	Nerlip Reporting			1.0					
TOTALS		0	3	2.5	3.5	2.5	9	3	4.5

FIRST COBALT

Monthly Time Sheet

Daily Activity Log

Name: Meghan Hewton **Date:** 31-Oct-18

Reporting Period **From:** October 1, 2018 **To:** October 31, 2018

			Days Worked										
Date	Work Description	Regional General	Corporate & Admin	Keeley - Frontier	Kerr Lake	Ophir-Silver Banner	Cobalt North	Cobalt Central	Cobalt South	Matabitchuan	Lieu Days Accrued	Lieu Days Taken	Cumulative Lieu Days Accrued
01-Oct	Matabitchuan Project Planning / Silver Centre Drilling Data import, QA/QC			0.5						0.5			
02-Oct	Matabitchuan Helicopter Work (geology) - Cunningham									1.0			
03-Oct	Matabitchuan Helicopter Work (geology) - Ogistoh									1.0			
04-Oct	Matabitchuan Helicopter Work (geology) - Pubelow									1.0			
05-Oct	Matabitchuan Helicopter Work (geology) - Pubelow, Rabbit Lake									1.0			
06-Oct	Matabitchuan Helicopter Work (geology) - Rabbit Lake									1.0	1.0		
07-Oct	OFF												
08-Oct	OFF												
09-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
10-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
11-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
12-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
13-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0			1.0		
14-Oct	OFF												
15-Oct	OFF											1.0	
16-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
17-Oct	NEOMMS - booth and talks	1											
18-Oct	NEOMMS - MERC talks	1											
19-Oct	NEOMMS - Cobalt Field trip	1											
20-Oct	OFF												
21-Oct	OFF												
22-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
23-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
24-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
25-Oct	Santa Maria Core Drilling Management / drill core database management, data import							1.0					
26-Oct	New Lake Core Drilling Management / drill core database management, data import						1.0						
27-Oct	New Lake Core Drilling Management / drill core database management, data import						1.0				1.0		
28-Oct	OFF												
29-Oct	OFF											1.0	
30-Oct	New Lake Core Drilling Management / drill core database management, data import						1.0						
31-Oct	New Lake Core Drilling Management / drill core database management, data import						1.0						
TOTALS		3	0.0	0.5	0.0	0.0	4.0	10.0	0.0	5.5	3.0	2.0	6.0

FIRST COBALT

Monthly Time Sheet

Daily Activity Log

Name: Meghan Hewton **Date:** 31-Oct-18

Reporting Period **From:** October 1, 2018 **To:** October 31, 2018

			Days Worked									
Date	Work Description	Regional General	Corporate & Admin	Keeley - Frontier	Kerr Lake	Ophir-Silver Banner	Cobalt North	Cobalt Central	Cobalt South	Matabitchuan	Lieu Days Accrued	Lieu Days Taken
01-Nov	New Lake Core Drilling Management / drill core database management, data import						1.0					
02-Nov	New Lake Core Drilling Management / drill core database management, data import						1.0					
03-Nov	OFF											
04-Nov	New Lake Core Drilling Management / drill core database management, data import						1.0				1.0	
05-Nov	Schumann Lake Core Drilling Management / drill core database management, data import						1.0					
06-Nov	Schumann Lake Core Drilling Management / drill core database management, data import	0.5					0.5					
07-Nov	Schumann Lake Core Drilling Management / drill core database management, data import	0.5					0.5					
08-Nov	Schumann Lake Core Drilling Management / drill core database management, data import	0.5					0.5					
09-Nov	Schumann Lake Core Drilling Management / drill core database management, data import	0.5					0.5					
10-Nov	OFF											
11-Nov	OFF											
12-Nov	Schumann Lake & Kerr Core Drilling Management / drill core database management, data import				0.5		0.5					
13-Nov	Schumann Lake & Kerr Core Drilling Management / drill core database management, data import				0.5		0.5					
14-Nov	Schumann Lake & Kerr Core Drilling Management / drill core database management, data import				0.5		0.5					
15-Nov	Schumann Lake Core Drilling Management / drill core database management, data import						1.0					
16-Nov	Schumann Lake & Kerr Core Drilling Management / drill core database management, data import				1.0							
17-Nov	OFF											
18-Nov	OFF											
19-Nov	OFF											1.0
20-Nov	OFF											1.0
21-Nov	OFF											1.0
22-Nov	OFF											1.0
23-Nov	OFF											1.0
24-Nov	OFF											
25-Nov	Glen Project & Kerr Lake core drilling management						1.0					
26-Nov	Glen Project & Kerr Lake core drilling management				0.5		0.5					
27-Nov	Glen Project & Kerr Lake core drilling management				0.5		0.5					
28-Nov	Glen Project & Kerr Lake core drilling management				0.5		0.5					
29-Nov	Glen Project & Kerr Lake core drilling management				0.5		0.5					
30-Nov	Kerr Lake core drilling management				1.0							
TOTALS		2	0	0	3.5	0	11.5	0.0	0.0	0.0	1.0	5.0

FIRST COBALT

Monthly Time Sheet

Daily Activity Log

Name: Jon Warner

Date: November 1st 2018

Reporting Period **From:** October 1, 2018 **To:** October 31, 2018

				Days Worked							
				Dropdown List of Projects							
Date	Work Description	Regional General	Corporate & Admin	Kerr	Schumann Lake	New Lake	Santa Maria	Projects	Projects	Lieu Days Accrued	Lieu Days Taken
01-Oct											
02-Oct											
03-Oct											
04-Oct											
05-Oct											
06-Oct											
07-Oct											
08-Oct											
09-Oct											
10-Oct	Schumann Seismic deployment				1.0						
11-Oct	Schumann Seismic deployment				1.0						
12-Oct	Schumann Seismic deployment				1.0						
13-Oct	Schumann Seismic deployment				1.0						
14-Oct	Schumann Seismic deployment				1.0						
15-Oct	Schumann Seismic deployment				1.0						
16-Oct	Schumann Seismic deployment				1.0						
17-Oct	Schumann Seismic deployment				1.0						
18-Oct	Schumann Seismic deployment				1.0						
19-Oct	Schumann Seismic deployment				1.0						
20-Oct	Logging (Borden)						1.0				
21-Oct	Logging (Borden)						1.0				
22-Oct	Logging (Borden)						1.0				
23-Oct	Logging (Borden)						1.0				
24-Oct	Logging (Borden)						1.0				
25-Oct	Logging (New Lake)					1.0					
26-Oct	Logging (New Lake)					1.0					
27-Oct	Logging (New Lake)					1.0					
28-Oct	Logging (New Lake)					1.0					
29-Oct	Logging (New Lake)					1.0					
30-Oct	Logging (New Lake)					1.0					
31-Oct	Logging (New Lake)					1.0					
TOTALS		0.0	0.0	0.0	17.0	0.0	5.0	0.0	0.0	0.0	0.0

FIRST COBALT

Monthly Time Sheet

Daily Activity Log

Name: Mayank Patel **Date:** 30-Nov-18

Reporting Period **From:** November 3, 2018 **To:** 30-Nov

			Days Worked						
Date	Work Description	Account Code	Corporate & Admin	Kirlake	Silver centre	Cobalt North	New Lake	Cobalt Central	Cobalt South
01-Nov	geotech						1.0		
02-Nov	geotech						1.0		
03-Nov	off								
04-Nov	geo tech						1.0		
05-Nov	geo tech						1.0		
06-Nov	geo tech						1.0		
07-Nov	geo tech						1.0		
08-Nov	geo tech						1.0		
09-Nov	off								
10-Nov	off								
11-Nov	geotech						1.0		
12-Nov	geo tech					1.0			
13-Nov	geo tech					1.0			
14-Nov	geo tech					1.0			
15-Nov	geo tech					1.0			
16-Nov	off								
17-Nov	off								
18-Nov	geotech					1.0			
19-Nov	geotech					1.0			
20-Nov	geotech					1.0			
21-Nov	geotech					1.0			
22-Nov	geotech					1.0			
23-Nov	off								
24-Nov	off								
25-Nov	geotech					1.0			
26-Nov	geotech					1.0			
27-Nov	geotech					1.0			
28-Nov	geotech					1.0			
29-Nov	geotech					1.0			
30-Nov	off								
TOTALS			0.0	0.0	0.0	14.0	8.0	0.0	0.0

COMMERCIAL LEASE AGREEMENT

This Commercial Lease (this "Lease") dated this 19th day of November, 2018

Between: Michel & Lorraine Jacques Owner/Operator

MLJ Investments of 722056 RJ Drive, New Liskeard, ON. POJ IPO

Telephone: 705-647-6862 Fax: 705-647-6869

(The "Landlord") Of the first part

-AND-

First Cobalt

Frank Santaguida

140 Yonge Street, Suite 201, Toronto, ON. M5C IX6

Telephone Office: 1-416-900-3891 Cell 1-416-818-1004 or 1-905-330-8339

(The "Tenant") Of the second part

In Consideration of the Landlord leasing certain premises to the Tenant, the Tenant leasing those premises from the landlord and the mutual benefits and obligations set forth in this Lease, the receipt and sufficiency of which consideration is hereby acknowledged, the Parties to this Lease (the "Parties") agree as follows:

Definitions

1. When used in this Lease, the following expressions will have the meanings indicated:
   a. "Additional Rent" means all amounts payable by the Tenant under this Lease except Base Rent, whether or not specifically designed as Additional Rent elsewhere in this Lease;
   b. "Building" means all buildings, improvements, equipment, fixtures, property and facilities from time to time located at 335 Niven, Haileybury, ON. POJ 11<0, as from time to time altered, expanded or reduced by the Landlord in its sole discretion;
   c. "Common Areas and Facilities" means:
   d. "Leasable Area" means with respect to any rentable premises, the area expressed in square feet of all space including floor space of mezzanines, if any, determined, calculated and certified by the Landlord and measured from the exterior face of all exterior walls, doors and windows, including walls, doors and windows separating the rentable premises from adjoining rentable premise. There will be no deduction or exclusion for any space occupied by or used for columns, ducts or other structural elements:
   e. "Premises" means the building at 335 Niven Street, Haileybury, ON. POJ IKO.
   f. "Proportionate Share" means a fraction, the numerator of which is the Leasable areas of the Premises and the denominator of which is the aggregate of the Leasable Area of all rentable premises in the Building.
   g. "Rent" means the total of Base Rent and Additional Rent.

Leased Premises

2. The Landlord agrees to rent to the Tenant the building municipally described as 335 Niven Street, Haileybury, ON. POJ IKO, (the "Premises"). The Premises will be used for only the following permitted use (the "Permitted Use"): Core sampling and core storage on the premises Neither the Premises nor any part of the Premise will be used at any time during the term of this Lease by Tenant for any purpose other than the Permitted Use.
3. While the Tenant, or an assignee or subtenant approved by the Landlord, is using and occupying the Premises for the Permitted Use and is not in default under the Lease, the Landlord agrees not to Lease space in the Building to any tenant who will be conducting in such premises as its principal business, the services of: core sampling and storage.
4. No pets or animals are allowed to be kept in or about the Premises or in any common areas in the building containing the Premises without the prior written permission of the Landlord, which permission may be unreasonably withheld. Upon thirty (30) days' notice, the Landlord may revoke any consent previously given under this clause.

Term

5. The term of the Lease commences at 12.00 noon on October 15th 2018 and ends at 12.00 noon October 15th, 2019, if for any reason First Cobalt chooses to end this Lease they must send a written two month notice to the Landlord then it shall be done.
6. Notwithstanding that the term of this Lease commences on October 15th, 2018, The Tenants entitled to possession of the Premise at 12.00 noon on October 15th, 2019.
7. Should the Tenant remain in possession of the Premise with the consent of the Landlord after the natural expiration of this Lease, a new tenancy from month to month will be created between the Landlord and the Tenant which will be subject to all the terms and conditions of this Lease but will be terminable upon either party giving one month's notice to the other party.

Rent

8. Subject to the provisions of this one (1) year Lease, the Tenant will pay a base rent of $1,650.00, payable per month, for the Premise (the "Base Rent"). In addition to the Base Rent, the Tenant will pay the following to the Landlord: HST of $214.50 and property tax of $200.00 + HST of $26.00 for the total amount of rent at $2,090.50 payable per month for the next (12) months ending and including September 15/2019, at which time a new lease could be signed on or before Oct 15th 2019 for another year.
9. The Tenant will pay the Rent on or before the 15th day of each and every month of the term of this Lease to the Landlord at 722056 RJ Drive, New Liskeard, or at such other place as the Landlord may later designate.
10. The Tenant will be charged an additional amount of $200.00 for any late payment of Rent.

Operating Costs

11. In addition to the Base Rent, the Tenant is responsible for directly paying to the appropriate suppliers the following operating costs:
    a. All utilities supplied to the Common Areas and Facilities; and
    b. All insurance relating to the Building as placed by the Landlord from time to time, acting prudently.

Use and Occupation

12. The Tenant will use and occupy the Premises only for the Permitted Use and for no other purpose whatsoever. The Tenant will carry on business under the name of "First Cobalt" and will not change such name without the prior written consent of the Landlord, such consent not to be unreasonably withheld. The Tenant will open the whole of the Premises for business to the public fully fixture, stocked and staffed on the date of commencement of the term and throughout the term, will continuously occupy and utilize the entire Premises in the active conduct of its business in a reputable manner on such days and during such hours of business as may be determined from time to time by the Landlord.
13. The Tenant covenants that the Tenant will carry on and conduct its business from time to time carried on upon the Premises in such a manner as to comply with all statutes, bylaw, rules and regulations of any federal, provincial, municipal or other competent authority and will not do anything on or in the Premises in contravention of any of them.

Advance Rent and Security Deposit

14. On execution of this Lease, the Tenant has paid the Landlord advance rent (the "Advance Rent") to be held by the Landlord without interest and to be applied on account of the first and last instalments of Base Rent as they fall due and to be held to the extent not so applied as security for which maybe by the Landlord to the performance of the covenants and obligations of the Tenant under this Lease.
15. On execution of this Lease, the Tenant has paid the Landlord a security deposit equal to the amount of $1,000.00 (the "Security Deposit") to be held by the Landlord without interest. The Landlord will return the Security Deposit to the Tenant at the end of this tenancy, less such deductions as provided in this Lease but no deduction will be made due to reasonable wear and tear.
16. The Tenant may not use the Security deposit as payment for the Rent.

Quiet Enjoyment

17. The Landlord covenants that on paying the Rent and performing the covenants contained in this Lease, the Tenant will peacefully and quietly have, hold, and enjoy the Premises for the agreed term.

Distress

18. If and whenever the Tenant is in default in payment of any money, whether hereby expressly reserved or deemed as rent, or any part of the rent, the Landlord may, without notice or any form of legal process, enter upon the Premises and seize, remove and sell the Tenant's goods, chattels and equipment from the Premise or seize, remove and sell any goods, chattels and equipment at any lace to which the Tenant or any other person may have removed them, in the same manner as if they had remained and been distrained upon the Premises, all notwithstanding any rule of law or equity to the contrary, and the Tenant hereby waives and renounces the benefit of any present or future statute or law limiting the Landlord's right of distress.

Overholding

19. If the Tenant continues to occupy the Premises without the written consent of the Landlord after expiration or other termination of the term, then, without any further written agreement, the Tenant will be a month to month tenant at a minimum monthly rental equal to twice the Base Rent and subject to all of the other provisions of this Lease insofar as the same are applicable to a month to month tenancy from year to year will not be created by implication of law.

Additional Rights on Re-entry

20. If the Landlord re-enters the Premises or terminates this Lease, then:
    a. notwithstanding any such termination or the term thereby becoming forfeited and void, the provisions of this Lease relating to the consequences of termination will survive:
    b. the Landlord may use such reasonable force as it may deem necessary for the purpose of gaining admittance to and re-taking possession of the Premises and the Tenant hereby releases the Landlord from all actions, proceedings, claims and demands whatsoever for and in respect of any such forcible entry or any loss or damage in connection the with or consequential thereupon;
    c. the Landlord may expel and remove, forcibly, if necessary, the Tenant, those claiming under the Tenant and their effects, as allowed by law, without being taken or deemed to be guilty of any manner of trespass:
    d. in the event that the Landlord has removed the property of the Tenant, the Landlord may store such property in a public warehouse or at a place selected by the Landlord, at the expense of the Tenant. If the Landlord feels that it is not worth storing such property given its value and the cost to store it, then the Landlord may dispose of such property in its sole discretion and use such funds, if any, towards any indebtedness of the Tenant to the Landlord. The Landlord will not be responsible to the Tenant for the disposal of such property other than to provide any balance of the proceeds to the Tenant after paying any storage costs and any amounts owed by the Tenant to the Landlord;
    e. the Landlord may relet the Premises or any part of the Premises for a term or terms which may be lessor greater than the balance of the term of this Lease remaining and may grant reasonable concessions in connection with such releting including any alterations and improvements to the Premises;
    f. after re-entry, the Landlord may procure the appointment of a receiver to take possession and collect rents and profits of the business of the Tenant, and, if necessary to collect the rents and profits the receiver may carry on the business of the Tenant and take possession of the personal property used in the business of the Tenant, including inventory, trade fixtures, and furnishings and use them in the business without compensating the Tenant;

g. after re-entry, the Landlord may terminate the Lease on giving 5 days written notice of termination to the Tenant. Without this notice, re-entry of the Premises by the Landlord or its agents will not terminate this Lease;

h. the Tenant will pay to the Landlord on demand:

1. all rent, Additional Rent and other amounts payable under this Lease up to the time of re-entry or termination. whichever is later;
2. reasonable expenses as the Landlord incurs or has incurred in connection with the re-entering, terminating, reletting, collection sums due or payable by the Tenant, realizing upon assets seized; including without limitations, brokerage, fees and expense and legal fees and disbursements and the expenses of keeping the Premises in good order, repairing the same and preparing them for reletting; and
3. as liquidated damages for the loss of rent and other of the Landlord expected to be derived from this Lease during the period which would have constituted the unexpired portion of the term had it not been terminated, at the option of the Landlord, either:
    a. an amount determined by reducing to present worth at an assumed interest rate of twelve percent(12%) per annum all Base Rent and estimated Additional Rent to become payable during the period which would have constituted the unexpired portion of the term, such determination to be mad by the Landlord, who may make reasonable estimates of when any such other amounts would have become payable and may make such other assumptions of the facts as may be reasonable in the circumstances; or
    b. an amount equal to the Base Rent and estimated Additional Rent for a period of six (6) months.

21. The Landlord and the Tenant will complete, sign and date an inspection report at the beginning and at the end of this tenancy.

Tenant Improvements

22. The Tenant will obtain written permission from the Landlord before doing any of the following:
    a. Applying adhesive materials, or inserting nails or hooks in walls or ceilings other than two small hooks per wall;
    b. Painting, wallpapering, redecorating or in any way significantly altering the appearance of the Premises;
    c. Removing or adding walls, or performing any structural alterations;
    d. Installing a waterbed(s);
    e. Changing the amount of heat or power normally used on the Premises as well as installing additional electrical wiring or heating units;
    f. Placing or exposing or allowing to be placed or exposed anywhere inside or outside the Premises any Placard, notice or sign for advertising or any other purpose; or

Affixing to or erecting upon or near the Premises any radio or TV antenna or tower.

Utilities and Other Costs

23. The Tenant is responsible for the direct payment of all utilities in relation to the Premises.

Insurance

24. The Tenant is hereby advised and understands that the personal property of the Tenant is not insured by the Landlord for either damage or loss, and the Landlord assumes no liability for any such loss. The Tenant is advised that, if insurance coverage is desired by the Tenant, the Tenant should inquire of Tenant's insurance agent regarding a Tenant's Policy of Insurance.
25. The Tenant is responsible for insuring the Landlord's contents and furnishings in or about the Premises for either damage and loss for the benefit of the Landlord.
26. The Tenant is responsible for insuring the Premises for damage or loss to the structure, mechanical or improvements to the Building on the Premises for the benefit of the Tenant and the Landlord. Such insurance should include such risks as fire, theft, vandalism, flood and disaster.
27. The Tenant is responsible for insuring the Premises for liability insurance for the benefit of the Tenant and the Landlord.
28. The Tenant will provide proof of such insurance to the Landlord upon the issuance or renewal of such insurance.

Attorney Fees

29. All costs, expenses and expenditures including and without limitation, complete legal costs incurred by the Landlord on a solicitor/client basis as a result of unlawful detainer of the Premises, the recovery of any rent due under the Lease, or any breach by the Tenant of any other condition contained in the Lease, will forthwith upon demand be paid by the Tenant as Additional Rent. All rents including the Base Rent and Additional Rent will bear interest at the rate of twelve (12%) per cent per annum from the due date until paid.

Governing Law

30. It is the intention of the Parties to this Lease that the tenancy created by this Lease and the performance under this Lease, and all suits and special proceedings under this Lease, be construed in accordance with and governed, to the exclusion of the law of any other forum, by the laws of the Province of Ontario, without regard to the jurisdiction in which any action or special proceeding may be instituted.

Severability

31. If there is a conflict between any provision of this Lease and the applicable legislation of the Province of Ontario (the 'Act'), the Act will prevail and such provisions of the Lease will be amended or delete as necessary in order to comply with the Act. Further, any provisions that are required by the Act are incorporated into this Lease.

Assignment and Subletting

32. The Tenant will not assign this Lease, or sublet or grant any concession or license to use the Premises or any part of the Premises. An assignment, subletting, concession, or license,

whether by operation or otherwise, will be void and will, at Landlord's option, terminate this Lease.

Bulk Sale

33. No bulk sale of goods and assets of the Tenant may take place without first the written consent of the Landlord, which consent will not be unreasonably withheld so long as the Tenant and the Purchaser are able to provide the Landlord with assurances, in a form satisfactory to the Landlord, that the Tenant's obligations in this Lease will continue to be performed and respected, in the manner satisfactory to the Landlord, after completion of the said bulk sale.

Additional Provisions

34. At any time the Landlord may use part of the leased land for storage, as the Landlord will be certain not to interrupt or interfere with the Tenants everyday business.

Maintenance

35. The Tenant will, at its sole expense, keep and maintain the Premises and appurtenances in good and sanitary condition and repair during the term of this Lease and any renewal of this Lease.
36. In particular, the Tenant will keep the fixtures in the Premises in good order and repair and keep the HVAC clean. The Tenant will, at the Tenant's sole expense, make all required repairs to the plumbing, range, heating apparatus, and electric and gas fixtures whenever damage to such items will have resulted from the Tenant's misuse, waste, or neglect or that of the Tenant's employee, family, agent, or visitor.
37. The Tenant will be responsible at its own expense to replace all electric light bulbs, tubes, ballasts or fixtures serving the Premises.
38. Where the Premises has its own sidewalk, entrance, driveway or parking space which is for the exclusive use of the Tenant and its guests, the Tenant will keep the sidewalk, entrance, driveway or parking space clean, tidy and free of objectionable material including dirt, debris, snow and ice.
39. The Tenant will also perform the following maintenance in respect to the Premises: Snow removal and environmental cleanup of any spills whenever deemed necessary.

Care and Use of Premises

40. The Tenant will promptly notify the Landlord of any damage, or of any situation that may significantly interfere with the normal use of the Premises.
41. The Tenant will not make (or allow to be made) any noise or nuisance which, in the reasonable opinion of the Landlord, disturbs the comfort or convenience of other tenants.
42. The Tenant will not engage in any illegal trade or activity on or about the Premises.
43. The Tenant will comply with standards of health, sanitation, fire, housing and safety as required by law.

Surrender of Premises

44. At the expiration of the Lease term, the Tenant will quit and surrender the Premises in as good a state and condition as they were at the commencement of this Lease, reasonable use and wear and damages by the elements expected.

Rules and Regulations

45. The Tenant will obey all rules and regulations posted by the Landlord regarding the use and care of the Building, parking lot, laundry room and other common facilities that are provided for the use of the Tenant in and around the Building on the Premises.

General Provisions

46. Any waiver by the Landlord of any failure by the Tenant to perform or observe the provisions of this Lease will not operate as a waiver of the Landlord's rights under this Lease in respect of any subsequent defaults, breaches or non-performance and will not defeat or affect in any way the Landlord's rights in respect of any subsequent default or breach.
47. This Lease will extend to and be binding upon and inure to the benefit of the respective heirs, executors, administrators, successors and assigns, as the case may be , of each party to this Lease.
48. All sums payable by the Tenant to the Landlord pursuant to any provision of this Lease will be deemed to be Additional Rent and will be recovered by the Landlord as rental arrears.
49. Where there is more than one Tenant executing this Lease, all Tenants are jointly and severally liable for each other's acts, omissions and liabilities pursuant to this Lease.

IN WITNESS WHEREOF the Parties to this Lease have duly affixed their signatures under hand and seal, or by a duly authorized officer under seal, on this 15th day of November, 2018.

MLJ Investment (Landlord) Michel & Lorraine Jacques

per:

_____ _____

(Witness)

First Cobalt (Tenant) Frank Santaguida

_____ Per:_____

Boart Longyear Standard Terms and Conditions of Sale

1. Acceptance. Purchaser acknowledges and agrees that these Boart Longyear Standard Terms and Conditions of Sale (the "Standard Terms") are incorporated in, and are a part of, each purchase order or other agreement relating to the provision of goods and/or related services by Boart Longyear, whether expressed in written form, by electronic data interchange or otherwise (each referred to as a "Contract"). These Standard Terms supersede all conflicting or additional terms pre-printed on any purchase order or otherwise set forth on any release, acknowledgement, confirmation, requisition, work order, shipping instruction, specification and similar document or communication.

2. Payment.

(a) Unless otherwise agreed in writing, payment for all goods and services shall be net 30 days from the date of Boart Longyear's invoice without discount for early payment. Boart Longyear reserves the right at any time to suspend credit or to change credit terms provided herein when, in Boart Longyear's sole judgment, Purchaser's financial condition so warrants. Purchaser shall have no right to offset any amounts due or to become due to Boart Longyear against any claims, charges, expenses, fees or other payments of any kind whatsoever under any circumstances, including, but not limited to, any liability which may arise due to any breach or alleged breach of any Contract or any provision thereof.

(b) If payment is overdue, Boart Longyear may charge the Purchaser interest at the prime rate, as published from time to time in the Wall Street Journal, plus 2% from the date of the default until Boart Longyear receives payment in full. Boart Longyear may apportion any part payments made by the Purchaser against any outstanding principal or interest as it may decide.

(c) If payment is overdue under any Contract between Boart Longyear and the Purchaser, Boart Longyear may in its sole discretion: (i) suspend or cancel the delivery of goods or performance of services in respect of any other Contract between the parties, (ii) re-allocate goods, components or parts ordered under the applicable Contract to fill other open Boart Longyear orders, and/or (iii) refuse to accept any subsequent order from, or enter into any new Contract with, Purchaser.

(d) Boart Longyear retains a purchase money security interest under applicable law in the goods sold until payment in full has been made. In the event of default by Purchaser under the Contract, Boart Longyear shall have all the rights and remedies of a secured creditor under the applicable law. Purchaser agrees to execute such financing statements and other documents as Boart Longyear may request in order to perfect Boart Longyear's security interest.

3. Taxes and Other Charges. Any use tax, sales tax, excise tax, duty, custom, inspection or testing fee, or any other tax, fee or charge of any nature whatsoever imposed by any governmental authority, on or measured by the transaction between Boart Longyear and Purchaser shall be paid by Purchaser in addition to the price quoted or invoiced. In the event Boart Longyear is required to pay any such tax, fee or charge, Purchaser shall reimburse Boart Longyear therefor or, in lieu of such payment, Purchaser shall provide Boart Longyear at the time the Contract is submitted an exemption certificate or other document acceptable to the authority imposing the tax, fee or charge.

4. Performance and Delivery. Shipment of goods will be made FOB Boart Longyear's facility (Ex Works for international shipments) per INCOTERMS 2000. Title shall transfer upon shipment of goods. Boart Longyear will use commercially reasonable efforts to insure on time delivery. In no event shall Purchaser be entitled to liquidated damages as a remedy for any delay in delivery by Boart Longyear nor shall Boart Longyear be liable for any loss, damage or delay incurred by the Purchaser or its customers arising from late or non-delivery of goods. Boart Longyear reserves the right to supply an order for goods in any number of installments. Purchaser shall pay all insurance costs associated with delivery, and Purchaser shall be responsible for filing and pursuing claims with carriers for loss or damage in transit. The Purchaser waives any claim for shortage of any goods delivered if a claim in respect of short delivery has not been lodged with Boart Longyear within seven (7) days from the date of receipt of goods by the Purchaser. Boart Longyear is not responsible to the Purchaser or any person claiming through the Purchaser for any loss or damage to goods in transit caused by any event of any kind by any person (whether or not Boart Longyear is legally responsible for the person who caused or contributed to that loss or damage). Boart Longyear must provide the Purchaser with such assistance as may be necessary to press claim on carriers so long as the Purchaser (a) has notified Boart Longyear and the carriers in writing immediately after loss or damage is discovered on receipt of goods, and (b) lodges a claim for compensation on the carrier within three (3) days of the date of receipt of the goods.

5. Limited Warranty.

(a) Consumables. Boart Longyear warrants for a period of one (1) year after the date of shipment of the consumable products manufactured by it, or the performance of related services, under the Contract, that such consumable products are free from defects in materials and workmanship and such services are performed in a professional and workmanlike manner; provided, however, with respect to consumable products purchased through an authorized Boart Longyear distributor, the warranty period shall commence on the date of purchase by the end-user.

(b) Capital Equipment. Boart Longyear warrants for a period of sixty (60) days after the date of shipment of the capital equipment manufactured by it, or the performance of related services, under the Contract, that such capital equipment is free from defects in materials and workmanship and such services are performed in a professional and workmanlike manner.

(c) General Terms. Boart Longyear further warrants that, to the extent applicable, as of the date of shipment or performance, all goods manufactured by it and services performed shall conform to the written specifications agreed between the parties. THIS IS BOART LONGYEAR'S ONLY WARRANTY. BOART LONGYEAR MAKES NO OTHER WARRANTY, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. As a condition to Boart Longyear's warranty obligations, Purchaser must: (i) contact Boart Longyear and request authorization to return any goods claimed to be defective promptly upon Purchaser's discovery of the alleged defect, (ii) upon receipt of an approved authorization code from Boart Longyear, return any goods claimed to be defective under the foregoing warranty, at Purchaser's expense, to the facility designated by Boart Longyear, and (iii) with respect to consumable products purchased through an authorized Boart Longyear distributor, the party making the warranty claim must also deliver to Boart Longyear reasonable evidence of the date of purchase. Boart Longyear shall perform its examination of the goods so returned by Purchaser and shall report the results of its examination to Purchaser within thirty (30) days following its receipt of such goods from Purchaser, or, if longer time is required to complete such examination, within such time as would be required through the exercise of reasonable diligence. As a further condition to Boart Longyear's obligations hereunder for breach of warranty, Purchaser shall offer its reasonable cooperation and assist Boart Longyear in the course of Boart Longyear's review of any warranty claim. If requested by Purchaser, Boart Longyear will promptly repair or replace, at Boart Longyear's expense, goods that are confirmed to be non-conforming as a result of Boart Longyear's examination and according to Boart Longyear's warranty as set forth herein. All removal and installation of goods shall be at Purchaser's expense; provided, however, Boart Longyear will reimburse the Customer for an amount equal to the reasonable expenses incurred by the Customer and attributable to the removal and shipment of any defective goods. Boart Longyear reserves the right to reimburse Purchaser for an amount equal to the purchase price of any defective goods in lieu of providing repaired or replacement goods. Anything contained herein to the contrary notwithstanding, in no event shall Boart Longyear be liable for breach of warranty or otherwise in any manner whatsoever for: (i) normal wear and tear; (ii) corrosion, abrasion or erosion; (iii) any goods, components, parts, software or services which, following delivery or performance by Boart Longyear, has been subjected to accident, abuse, misapplication, modification, improper repair, alteration, improper installation or maintenance, neglect, or excessive operating conditions; (iv) defects resulting from Purchaser's specifications or designs or those of its contractors or subcontractors other than Boart Longyear; (v) defects associated with consumable parts or materials, the lifetime of which is shorter than the warranty period set forth in this Section; (vi) defects associated with Purchaser's specifications or designs or those of its contractors or subcontractors other than Boart Longyear; (vii) defects resulting from the manufacture, distribution, promotion or sale of Purchaser's own products; or (viii) accessories of any kind used by the Purchaser which are not manufactured by or approved by Boart Longyear.

(d) Sourced Goods. If the defective parts or components are not manufactured by Boart Longyear, the guarantee of the manufacturer of those defective parts or components is accepted by the Purchaser and is the only guarantee given to the Purchaser in respect of the defective parts or components. Boart Longyear agrees to assign to the Purchaser on request made by the Purchaser the benefit of any warranty or entitlement to the defective parts or components that the manufacturer has granted to Boart Longyear under any contract or by implication or operation of law to the extent that the benefit of any warranty or entitlement is assignable.

6. Indemnification. Each party shall indemnify and hold harmless the other party and its agents, employees, officers, directors, successors and assigns, from and against any and all damages, liabilities, losses, expenses, costs or claims (including without limitation reasonable attorneys' fees), to the extent that such claims and losses are directly caused by (a) the negligence or willful misconduct of the indemnifying party or (b) the indemnifying party's breach of any of its covenants, representations or warranties set forth herein.

7. Limitation on Liability. Except as provided for herein, in no event will Boart Longyear be liable for any indirect, incidental, special, consequential, punitive or similar damages including, but not limited to, lost profits, loss of data or business interruption losses. In no event will the total, aggregate liability of Boart Longyear under the Contract exceed the value of the Contract under which liability is claimed. The liability limitations shall apply even if Boart Longyear has been notified of the possibility or likelihood of such damages occurring and regardless of the form of action, whether in contract, negligence, strict liability, tort, products liability or otherwise. The parties agree that these limits of liability shall survive and continue in full force and effect despite any termination or expiration of any Contract. Any action by Purchaser against Boart Longyear must be commenced within one year after the cause of action has accrued. No employee or agent of Boart Longyear is authorized to make any warranty other than that which is specifically set forth herein. The provisions in any specification, brochure or chart issued by Boart Longyear are descriptive only and are not warranties.

8. Intellectual Property.

(a) Marks. Purchaser shall have no right to use the corporate name of Boart Longyear, or to use any trademark, trade name, brand name or other product identification owned or used by Boart Longyear (collectively, the "Marks"), except as necessary for the performance of Purchaser's obligations under the Contract for the exclusive benefit of Boart Longyear or as Boart Longyear may otherwise approve in writing. The Marks are and shall remain the property of Boart Longyear at all times, and Purchaser shall acquire no property, ownership or other interest whatsoever in the Marks by virtue of the Contract. Unless prior written consent is given by Boart Longyear, Purchaser shall not alter any Mark in any way. Upon the expiration or other termination of the Contract for any reason whatsoever, Purchaser shall immediately discontinue all use of the Marks, and shall immediately discontinue any and all representations, direct or implied, that it is or was a representative of Boart Longyear. Purchaser shall not register, or cause to be registered, in any jurisdiction, any of the Marks or any other trade name, trademark, word, or symbol that is identical or similar to any of the Marks.

(b) Notification of Infringement. Purchaser shall immediately inform Boart Longyear in the event Purchaser becomes aware of any infringement of any Mark, patent, servicemark, copyright or other intellectual property right of Boart Longyear. Purchaser shall, during the Term, assist Boart Longyear in taking such steps as Boart Longyear may deem necessary or appropriate to protect the Marks or Boart Longyear's patent, trademark, servicemark, copyright or other intellectual property rights. Nothing herein contained, however, shall be construed as obligating Boart Longyear to commence any legal proceedings or take any other steps to protect the Marks or its patents, trademarks, servicemarks, copyrights or other intellectual property rights.

9. Returns and Cancellations. Goods supplied pursuant to the Contract cannot be returned without Boart Longyear's prior written authorization. Duly authorized returns: (a) shall be sent to Boart Longyear's premises at the Purchaser s expense; (b) may be subject to a handling charge of twenty percent (20%) of the invoiced value of the Goods, at Boart Longyear's discretion; and (c) must be in the same condition as originally delivered to the Purchaser. The Purchaser may not, without the prior written consent of Boart Longyear, cancel an order, including, without limitation, any order for goods that involve special requirements of the Purchaser, once the order has been accepted by Boart Longyear. Should Boart Longyear provide consent to cancel an order, the cancellation will be subject to a handling charge of twenty percent (20%) of the invoiced value of the Goods.

10. Force Majeure. Failure of Boart Longyear to make any delivery (or portions thereof) when due, if occasioned in whole or in part by any act of God or other act beyond the reasonable control of Boart Longyear, including without limitation fire, explosion, flood, drought, war, riots, civil insurrection, sabotage, accident, embargo, governmental priority, requisition, or shortage or failure of supply of materials or labor, or strikes or other labor trouble, shall be excused. Boart Longyear shall have no obligation or liability whatsoever arising out of or in connection with any such failure.

11. Severability. Any provision or provisions of the Contract that in any way contravenes the law of any state or country in which the Contract is effective shall, in such state or country, to the extent of such contravention of law, be deemed separable and shall not affect any other provision of the Contract or its validity.

12. Survival. Any obligations and duties which by their nature extend beyond the expiration or termination of the Contract shall survive any expiration or termination of the Contract.

13. Waiver. Any waiver on the part of either party hereto of any right or interest shall not imply the waiver of any other right or interest, or any subsequent waiver.

14. Amendments. Any modifications to these Standard Terms, including the incorporation of additional terms, may only be made by written instrument, signed by both parties, specifically identifying and purporting to modify these Standard Terms.

15. Governing Law. Unless otherwise provided in the Contract, these terms shall be deemed to have been executed and entered into in the State of Utah, U.S.A., and the Contract, and its formation, operation, and performance shall be governed, construed, performed, and enforced in accordance with the substantive laws of that state without regard to its conflicts of law principles.

APPENDIX II

DRILL LOGS

Cobalt North Project (Schumann Lake Property)

Drill Log FCC-18-0166

COLLAR INFORMATION

Easting:	601,896.04 m	**Azimuth:**	1.40°
Northing:	5,242,362.91 m	**Dip:**	-54.70°
Elevation:	319.02 m	**Length:**	209.00 m
Target:	SL53; South limb of Schumann diabase arch. Stratigraphic hole testing lithologies and thickness of Nipissing gabbro		
Comments:			

ORIENTATION TESTS

Depth	Measured	Az	Dip	Test Type
0.00	1.4°	1.4°	-54.7°	Collar
17.00	13.9°	1.4°	-54.7°	EZ-Trac
50.00	15.0°	2.5°	-54.5°	EZ-Trac
101.00	16.4°	3.9°	-54.9°	EZ-Trac
150.00	16.3°	3.8°	-55.0°	EZ-Trac
209.00	21.8° X	9.3°	-54.9° X	EZ-Trac

WORK DONE BY

Work	From	To	Worker	Start	End	Comments
Supervision	0.0	209.0	Matt Halliday	2018-Nov-07	Nov-10	
Drilling	0.0	209.0	Laframboise Drilling	2018-Nov-07	Nov-09	Drill #3
Geotech + Orient	0.0	119.0	Dave Lamontagne	2018-Nov-09	Nov-09	
Geotech + Orient	119.0	209.0	Glenn O'Keefe	2018-Nov-12	Nov-13	
Core Logging	0.0	119.0	Gerhard Kiessling	2018-Nov-11	Nov-11	
Core Logging	119.0	209.0	Gerhard Kiessling	2018-Nov-13	Nov-13	

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
0.00	2.00	CAS Casing	CAS	**Casing**
2.00	15.46	IMDIA	DIA	**Main Nipissing** Diabase. Medium grey colour, slight greenish tinge, pervasive chl, 60-70% mafics, 40-30% felsics, massive, crystalline, coarse grained. Minor qtz and/or crb veining. Occasional specks of py. Weak epi in fractures and in patches.
		8.35	8.46 VEIN	Qtz Massive 2 cm Massive light grey transcluent qtz vein.
15.46	25.31	IM	IM	**Mafic Intrusive** Possible second phase of diabase, but clearly texturally different. Its medium grey, fine grained, feldspathic phenos up to 2mm in diameter but not evenly distributed. Weak epi in fractures and in patches. Sharp UC and LC. UC is clearly intrusional. LC is more fractured and has small bl /sil aurole at contact.
		15.46	15.46 STRC	UC a = 059° UC of IM unit.
		24.59	24.63 VEIN	Carb Massive 0.25 cm Thin white crb vein in fractured section near sil/bl alt aurole at contact.
		24.59	25.31 ALT	BLEACH PERVAS 2 Weak sil/bl aurole at contact within IM, truncates at diabase.
25.31	53.52	IMDIA	DIA	**Main Nipissing** Diabase. Medium grey colour, slight greenish tinge, pervasive chl, 60-70% mafics, 40-30% felsics, massive, crystalline, coarse grained. Minor qtz and/or crb veining. Occasional specks of py. Weak epi in fractures and in patches.
		25.31	25.31 STRC	LC a = 048° LC of Im unit, couple specks of py, alt aurole

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E5723263	6.00	7.00	1.00		34.5		<1.0	0	102	114	27	76	<5	0.05		6
E5723264	7.00	8.00	1.00		31.9		<1.0	0	87	69	160	970	<5	0.09		8
E5723265	8.00	9.00	1.00		39.0		<1.0	1	99	134	286	711	<5	0.07		9
E5723267	9.00	10.00	1.00		42.7		<1.0	1	112	80	97	211	<5	0.03		7
E5723268	10.00	11.00	1.00		42.3		<1.0	0	112	85	103	105	<5	0.04		6
E5723269	23.00	24.00	1.00		48.2		<1.0	0	63	142	52	514	19	0.14		8
E5723270	24.00	25.00	1.00		38.7		<1.0	1	77	121	47	275	17	0.02		6
E5723271	25.00	25.31	0.31		26.1		<1.0	0	60	24	<5	63	<5	<0.01		3
E5723273	25.31	26.00	0.69		42.4		<1.0	1	111	48	40	102	33	0.02		6
E5723274	26.00	27.00	1.00		38.3		<1.0	1	106	122	51	151	20	0.05		6

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
53.52	80.92	IM	IM	**Mafic Intrusive** medium grey, fine grained, feldspathic phenos up to 2mm in diameter but not evenly distributed. Weak epi in fractures and in patches, one cutting through contact. Some strange almost small 1-2mm nodular alteration, possibly sil or some hard iron carbonate until around 64m. Occassional small 1-3mm black xeno fragment.
		53.52	64.00	ALT SIL SPOTTED — Some strange almost small 1-2mm nodular alteration, possibly sil or some hard iron carbonate.
		63.00	63.50	VEIN Carb SetPara 0.5 cm — Set of light grey carb veins, roughly paralell, barren, weak chl and epi.
		75.25	75.35	VEIN Carb-Epi Massive 0.25 cm — Thin broken epi rich white crb vein, barren.
80.92	145.00	IMDIA	DIA	**Main Nipissing** Diabase. Medium grey colour, slight greenish tinge, pervasive chl, 60-70% mafics, 40-30% felsics, massive, crystalline, coarse grained. Minor qtz and/or crb veining. Occasional specks of py. Weak epi in fractures and in patches.
		88.22	88.35	VEIN Carb Massive 0.5 cm — Thin white crb vein, chl alt along walls, barren.
145.00	152.09	FLTZ	FLTZ	**Fault Zone** Fault zone, spaced small fault structures with gouge, more pervasively fractured and blocky, Some weak white/chl rich carb veins, tr py. Some py along fracture planes but otherwise barren.
		145.00	152.09	STRC FAULT — Fault zone, spaced small fault structures with gouge, more pervasively fractured and blocky, Some weak white/chl rich carb veins, tr py. Some py along fracture planes but otherwise barren.
		145.00	152.09	MIN 0.1% Sum — Tr diss and fracture hosted py in fltz.
		145.36	145.50	STRC FAULT a = 036° — Small thin chl fault with gouge.
		148.60	148.66	VEIN Carb-Chl Massive 1 cm — White carb vein, planes of chl paralle, tr py along sides of vein.
		151.10	151.25	STRC FAULT a = 033° — Stronger section of chl and strong gouge.
		152.09	152.09	STRC UC a = 041° — Sharp UC of IM.
152.09	152.63	IM	IM	**Mafic Intrusive (non-Nipissing)** Dark grey to almost black, fine grained, mafic intrusivem, Sharp UC and broken/spun LC. Massive.

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E5723275	139.00	140.00	1.00		48.9		<1.0	0	152	106	7	76	<5	0.06		7
E5723276	140.00	141.00	1.00		46.5		<1.0	0	142	87	14	91	<5	0.06		7
E5723277	141.00	142.00	1.00		47.4		<1.0	0	149	104	8	81	<5	0.09		7
E5723279	142.00	143.00	1.00		47.3		<1.0	0	149	107	8	84	<5	0.05		7
E5723280	143.00	144.00	1.00		47.0		<1.0	0	151	101	<5	70	<5	0.07		7
E5723281	144.00	145.00	1.00		47.3		<1.0	0	143	102	<5	70	<5	0.06		7
E5723282	145.00	146.00	1.00		44.5		<1.0	0	138	97	51	105	<5	0.07	7	7
E5723283	146.00	147.00	1.00		48.3		<1.0	0	153	107	115	118	<5	0.17	7	8
E5723284	147.00	148.00	1.00		47.1		<1.0	0	151	109	59	127	<5	0.06	8	8
E5723285	148.00	149.00	1.00		48.3		<1.0	0	144	102	36	145	<5	0.06	8	7
E5723287	149.00	150.00	1.00		50.3		<1.0	0	151	106	12	72	<5	0.07	7	7
E5723288	150.00	151.00	1.00		48.2		<1.0	0	147	109	31	114	<5	0.06	7	7
E5723289	151.00	151.50	0.50		48.3		<1.0	0	150	106	35	91	<5	0.06	7	7
E5723290	151.50	152.09	0.59		48.0		<1.0	0	148	109	15	80	<5	0.08	7	7
E5723291	152.09	152.63	0.54		85.8		2.0	0	482	119	19	134	<5	0.31		16

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment			
152.63	171.97	IMDIA	DIA	**Main Nipissing**			
		Diabase. Medium grey colour, slight greenish tinge, pervasive chl, 60-70% mafics, 40-30% felsics, massive, crystalline, coarse grained. Minor qtz and/or crb veining. Occasional specks of py. Weak epi in fractures and in patches. Sharp LC with fg chill margin starting around 171m.					
		153.30	153.40	VEIN	Qtz-Carb	Massive	4 cm	Massive green serp/qtz/crb vein, some epi, barren.
		161.96	162.05	STRC	SLICK		a = 030°	Fracture with chl slick.
		166.43	166.54	STRC	SLICK		a = 022°	Fracture with chl/epidote slick.
		166.90	166.97	STRC	SLICK		a = 038°	Fracture with mostly epi/some chl slick.
		167.35	167.38	STRC	SLICK		a = 059°	Fracture with mostly epi/some chl slick.
		171.47	172.00	VEIN	Carb	SetPara	0.5 cm	Two thin white carb vein at contact, barren. One other vein is jagged.
		171.97	171.97	STRC	LC	358°/16°	a = 050°	Sharp LC of diabase with chill margin.
171.97	174.67	SLST	SLST	**Siltstone**			
		Fg dark grey laminated siltstone, bedded, laminations approx 1mm in thickness. Looks like it may have some weak fg spotted alt within the laminations, possibly the start of the alteraiton but it's hard to see unless up close. Small barren white carb vein at upper contact with diabase, no other veining or any min.					
		171.97	174.67	ALT	CHL	SPOTTED	3	fine grained spotted chl within silty beds
		172.00	174.00	STRC	BED	096°/01°	a = 056°	Strong bedding in siltstone.
		174.07	176.00	STRC	BED	173°/09°	a = 056°	Weakish bedding within the conglomerate unit, hard to perfectly define and measure.
174.67	187.79	CNGM	CNGM	**Conglomerate, Matrix-supported**			
		Medium grey, bedded to massively bedded, medium to coarse grained conglomerate. Mostly medium to coarse grained sandstone matrix but has a few scattered rounded clasts up to 2-3cm in diamater, looks polymictic - clast poor. Sediment has seen high temp and has undergone recrystallization, especially around 178-181m - possible peak zone of temperature? Beddding has been irradiacated in this interval. Some quarts grains appear to have triple points at boundaries. Has pervasive fine grained speckled chl, and white specks of crb throughout. Occassional speck of py or cpy. Abrupt contacts with finer grained siltstone and lower conglomerate downhole, could be some sort of minor period of hiatus, rather than gradual change of depositional environment/energy level.					
		174.67	174.67	STRC	CONT	296°/10°	a = 045°	Contact between Silt and Congl, looks rough, almost broken and erosional, taken average from jaggedness.

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E5723293	152.63	153.00	0.37		47.1		<1.0	0	142	130	17	53	<5	0.04		7
E5723294	153.00	154.00	1.00		48.0		<1.0	0	148	84	<5	63	<5	0.05		7
E5723295	154.00	155.00	1.00		48.1		<1.0	0	160	129	<5	54	<5	0.08		7
E5723296	170.00	171.00	1.00		49.9		<1.0	0	130	118	<5	81	<5	0.08		7
E5723297	171.00	171.97	0.97		48.0		<1.0	0	121	118	<5	80	<5	0.08		7
E5723299	171.97	172.50	0.53		20.0		<1.0	0	73	21	<5	27	<5	<0.01		3
E5723300	172.50	173.00	0.50		18.0		<1.0	0	75	118	<5	24	<5	0.01		3
E5723301	173.00	174.00	1.00		16.2		<1.0	0	72	9	<5	33	<5	<0.01		3
E5723302	174.00	174.67	0.67		18.2		<1.0	0	70	14	<5	21	<5	<0.01		3
E5723303	174.67	175.28	0.61		7.4		<1.0	0	21	5	<5	10	7	<0.01		1
E5723304	175.28	176.00	0.72		4.9		<1.0	0	20	6	<5	8	<5	<0.01		1
E5723305	176.00	177.00	1.00		4.1		<1.0	0	16	<5	<5	7	<5	<0.01		1
E5723307	177.00	178.00	1.00		3.7		<1.0	0	17	<5	<5	7	<5	<0.01		1
E5723308	178.00	179.00	1.00		4.4		<1.0	0	15	<5	<5	<5	<5	<0.01		1
E5723309	179.00	180.00	1.00		3.2		<1.0	0	14	<5	<5	7	<5	<0.01		1
E5723310	180.00	181.00	1.00		3.1		<1.0	0	14	<5	25	6	<5	<0.01		1
E5723311	181.00	182.00	1.00		3.2		<1.0	0	14	<5	<5	7	<5	<0.01		1
E5723313	182.00	183.00	1.00		3.2		<1.0	0	13	<5	<5	7	<5	<0.01		0
E5723314	183.00	184.00	1.00		2.9		<1.0	0	13	<5	<5	6	<5	<0.01		0
E5723315	184.00	185.00	1.00		2.9		<1.0	0	13	<5	<5	<5	<5	<0.01		0
E5723316	185.00	186.00	1.00		3.7		<1.0	0	16	<5	<5	5	<5	<0.01		1
E5723317	186.00	187.00	1.00		4.6		<1.0	0	18	<5	<5	7	<5	<0.01		1
E5723319	187.00	187.79	0.79		3.8		<1.0	0	18	6	<5	8	<5	<0.01		1

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment			
187.79	209.00	CNGM	CNGM	**Conglomerate, Matrix-supported**			
		Charp contact with previous Conglomerate. Looks more like typical coleman conglomerate seeen. Polymictic, several lithologies and clast size varies. Weakly bedded, some parts with clast grouping along planes defining the bedding. A couple sections of interbedded finer wcke from 187.79-187.9m and from 189.23-189.44m. Clast rich from 187.79m to 199m and grades into more clast poor conglomerate. Still has bedding planes defined by the clasts. Clearly different than the previous conglomerate so it's broken out into its own unit. Still has the fine speckled crb, but less chl than previous.						
		187.79	187.79	STRC	CONT	140°/07°	a = 060°	Sharp contact between conglomerate and interbedded unit within next conglomerate.
		189.44	189.48	STRC	BED	134°/08°	a = 061°	Strong bed defined by interbedded wcke unit noted.
		199.00	200.00	STRC	BED	160°/12°	a = 059°	Mod bedding defined by clasts grouping within congl.
		200.00	202.00	STRC	BED	166°/17°	a = 058°	Weakish bedding within the conglomerate unit, hard to perfectly define and measure.
209.00	209.00	EOH	EOH	**End of Hole**			
		EOH					
		187.79	209.00	ALT	CARB	PERVAS	5	Very fine speckled white-ish crb alt throughout in addition to increased fine speckled chl, occasional blebsddition to fine speckled chl, occasional blebs.
	209.00	**EOH**		**End of hole.**			

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E5723320	187.79	188.22	0.43		7.0		<1.0	0	28	5	<5	11	<5	<0.01		1
E5723321	188.22	189.00	0.78		7.3		<1.0	0	32	<5	<5	11	<5	<0.01		1
E5723322	189.00	190.00	1.00		12.4		<1.0	0	56	7	<5	16	<5	<0.01		2
E5723323	190.00	191.00	1.00		10.1		<1.0	0	50	7	<5	14	<5	<0.01		2
E5723324	191.00	192.00	1.00		14.5		<1.0	0	63	8	<5	19	<5	<0.01		2
E5723325	192.00	193.00	1.00		9.4		<1.0	0	46	7	<5	20	<5	<0.01		2
E5723327	193.00	194.00	1.00		10.9		<1.0	0	55	8	<5	16	<5	<0.01		2
E5723328	194.00	195.00	1.00		12.1		<1.0	0	63	8	<5	17	<5	<0.01		2
E5723329	195.00	196.00	1.00		12.9		<1.0	0	69	8	<5	39	<5	<0.01		2
E5723330	196.00	197.00	1.00		12.3		<1.0	0	73	7	<5	17	<5	<0.01		2
E5723331	197.00	198.00	1.00		12.7		<1.0	0	74	7	<5	19	<5	<0.01		2
E5723333	198.00	199.00	1.00		11.1		<1.0	0	60	6	<5	15	<5	<0.01		2
E5723334	199.00	200.00	1.00		10.7		<1.0	0	57	6	<5	13	<5	<0.01		2
E5723335	200.00	201.00	1.00		8.7		<1.0	0	47	6	<5	11	<5	<0.01		1
E5723336	201.00	202.00	1.00		8.1		<1.0	0	43	5	<5	11	<5	<0.01		1
E5723337	202.00	203.00	1.00		8.0		<1.0	0	42	5	<5	10	<5	<0.01		1
E5723339	203.00	204.00	1.00		8.4		<1.0	0	43	5	<5	10	<5	<0.01		1
E5723340	204.00	205.00	1.00		9.2		<1.0	0	45	6	<5	12	<5	<0.01		2
E5723341	205.00	206.00	1.00		9.4		<1.0	0	54	6	<5	10	<5	<0.01		2
E5723342	206.00	207.00	1.00		10.6		<1.0	0	61	6	<5	11	<5	<0.01		2
E5723343	207.00	208.00	1.00		12.0		<1.0	0	70	6	<5	15	<5	<0.01		2
E5723344	208.00	209.00	1.00		12.1		<1.0	0	72	7	<5	16	<5	<0.01		2

GEOTECHNICAL MEASUREMENTS

From	To	Len	TCR m	TCR %	RQD m	RQD %	Breaks	Comments
2.00	5.00	3.00	2.90					
5.00	8.00		3.10					
8.00	11.00		2.99					
11.00	14.00		3.07					
14.00	17.00		3.01					
17.00	20.00		2.94					
20.00	23.00		3.02					
23.00	26.00		3.02					
26.00	29.00		2.90					
29.00	32.00		3.10					
32.00	35.00		2.97					
35.00	38.00		3.03					
38.00	41.00		3.04					
41.00	44.00		3.00					
44.00	47.00		2.94					
47.00	50.00		2.77					
50.00	53.00		3.10					
53.00	56.00		3.02					
56.00	59.00		2.95					
59.00	62.00		3.05					
62.00	65.00		3.03					
65.00	68.00		2.99					
68.00	71.00		3.00					
71.00	74.00		2.98					
74.00	77.00		3.14					
77.00	80.00		3.01					
80.00	83.00		3.13					
83.00	86.00		2.99					
86.00	89.00		3.09					
89.00	92.00		2.97					
92.00	95.00		3.05					
95.00	98.00		3.00					
98.00	101.00		3.06					
101.00	104.00		3.02					
104.00	107.00		3.02					
107.00	110.00		3.08					
110.00	113.00		2.90					
113.00	116.00		3.10					
116.00	119.00	3.00	2.97	66.7				
119.00	122.00		3.03					
122.00	125.00		3.12					
125.00	128.00		3.10					
128.00	131.00		3.03					

131.00	134.00	3.09
134.00	137.00	2.95
137.00	140.00	3.07
140.00	143.00	2.96
143.00	146.00	3.10
146.00	149.00	3.07
149.00	152.00	3.02
152.00	155.00	3.01
155.00	158.00	2.97
158.00	161.00	3.11
161.00	164.00	2.89
164.00	167.00	3.05
167.00	170.00	2.98
170.00	173.00	3.00
173.00	176.00	3.00
176.00	179.00	2.98
179.00	182.00	3.10
182.00	185.00	2.96
185.00	188.00	2.94
188.00	191.00	3.03
191.00	194.00	3.02
194.00	197.00	3.01
197.00	200.00	2.96
200.00	203.00	3.01
203.00	206.00	3.01
206.00	209.00	3.04

Cobalt North Project (Schumann Lake Property)

Drill Log FCC-18-0167

COLLAR INFORMATION

Easting:	601,227.96 m	**Azimuth:**	179.10°
Northing:	5,242,402.05 m	**Dip:**	-55.30°
Elevation:	317.54 m	**Length:**	209.00 m
Target:	SL54; South limb of Schumann diabase arch. Stratigraphic hole testing lithologies and thickness of Nipissing gabbro.		
Comments:			

ORIENTATION TESTS

Depth	Measured	Az	Dip	Test Type
0.00	179.1°	179.1°	-55.3°	Collar
20.00	191.6°	179.1°	-55.5°	EZ-Shot
50.00	189.8°	177.3°	-55.5°	EZ-Shot
101.00	189.6°	177.1°	-55.2°	EZ-Shot
152.00	187.6°	175.1°	-54.9°	EZ-Shot
200.00	186.5°	174.0°	-54.6°	EZ-Shot

WORK DONE BY

Work	From	To	Worker	Start	End	Comments
Supervision	0.0	209.0	Matt Halliday	2018-Nov-08		
Drilling	0.0	209.0	Laframboise Drilling	2018-Nov-08	Nov-10	Drill #2
Geotech + Orient	0.0	209.0	Mayank Patel	2018-Nov-12	Nov-13	
Core Logging	0.0	209.0	Gerhard Kiessling	2018-Nov-14	Nov-16	

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
0.00	1.25	CAS Casing	CAS	**Casing**
1.25	144.00	IMDIA	DIA	**Main Nipissing** Diabase. Coarse grained, massive, intrusive, crystalline, Looks almost 50/50% mafic and felsics in some parts, and others up to 70% mafics 30% felsics. Patches/lenses of white albite alteration. Minor weak qtz and/or crb veins, some epi/chl slicks noted. Lower fg glassy chill margin. Tiny bit of 1mm white carb fracture fill near contact, hardly even a vein.
		29.63	29.70	STRC SLICK 69°-281° a = 036° fracture with chl slick
		32.22	32.36	STRC SLICK 71°-307° a = 025° Fracture with mostly chl, some weak epi and slick.
		34.13	34.18	STRC SLICK 58°-001° a = 048° Weaker chl/epi fracture with slick.
		49.72	49.83	STRC SLICK 69°-280° a = 022° Strong chl slick on fracture.
		50.89	50.92	STRC SLICK -25°-025° a = 053° Strong chl slick on fracture, could be a little bit of serp as well.
		134.18	134.31	STRC SLICK 63°-351° a = 025° Mod-strong chl slick on fracture.
144.00	146.00	FLTZ	FLTZ	**Fault Zone** Fault Zone, within Siltstone, and starts at silstone/diabase contact at 144m. Contact is destroyed. Heavily fractured and ground, fractures oblique to bedding and some parallel to bedding. Mod chl near contact with some gouge. Tr py.
		144.00	146.00	STRC FAULT Fault Zone, within Siltstone, and starts at silstone/diabase contact at 144m. Contact is destroyed. Heavily fractured and ground, fractures oblique to bedding and some parallel to bedding. Mod chl near contact with some gouge.

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E5723345	141.00	142.00	1.00		45.2		<1.0	0	109	106	<5	56	14	0.06		6
E5723347	142.00	143.00	1.00		47.6		<1.0	0	107	130	<5	67	<5	0.07		7
E5723348	143.00	144.00	1.00		44.4		<1.0	0	114	156	<5	60	<5	0.05		7
E5723349	144.00	145.00	1.00		27.6		<1.0	0	88	29	<5	32	<5	<0.01		4
E5723350	145.00	146.00	1.00		17.8		<1.0	0	91	13	<5	19	<5	<0.01		3

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment			
146.00	168.00	SLST	SLST	**Siltstone**			
		Siltstone. Fine grained laminated siltsone. Alternating between light and dark grey fine layers between ~1-3mm thick. Grades into fine grained wcke. Strongly bedded. Barren. No min or significant structures.					
		148.00	149.00	STRC	BED	a = 032°	Strong silty bedding.
		155.00	156.00	STRC	BED	a = 052°	Strong silty bedding.
		165.00	166.00	STRC	BED	176°/09°	a = 054° Strong silty bedding.
		166.00	167.00	STRC	BED	157°/05°	a = 053° Strong silty bedding.
		167.00	168.00	STRC	BED	191°/06°	a = 056° Strong silty bedding.
168.00	172.00	WCKE	WCKE	**Wacke**			
		Wcke. Massively bedded fine grained wcke. Medium to dark grey in colour. Grades into Conglomerate unit. Massively bedded. Barren. No min or significant structures.					

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E5723351	146.00	147.00	1.00		23.5		<1.0	0	84	8	<5	23	<5	<0.01		3
E5723353	147.00	148.00	1.00		11.9		<1.0	0	45	5	<5	82	<5	0.01		2
E5723354	148.00	149.00	1.00		20.3		<1.0	0	111	8	<5	14	<5	<0.01		3
E5723355	149.00	150.00	1.00		28.6		<1.0	0	98	8	<5	18	<5	<0.01		4
E5723356	150.00	151.00	1.00		16.8		<1.0	0	75	13	<5	11	<5	0.01		3
E5723357	151.00	152.00	1.00		23.1		2.0	3	86	9	8	14	<5	<0.01		4
E5723359	152.00	153.00	1.00		34.9		<1.0	0	99	9	<5	19	<5	0.02		5
E5723360	153.00	154.00	1.00		26.4		<1.0	0	101	12	7	17	<5	<0.01		4
E5723361	154.00	155.00	1.00		32.3		<1.0	0	120	12	<5	20	<5	0.08		5
E5723362	155.00	156.00	1.00		45.5		<1.0	1	104	38	<5	21	<5	0.09		6
E5723363	156.00	157.00	1.00		31.4		<1.0	0	121	12	<5	24	<5	<0.01		5
E5723364	157.00	158.00	1.00		24.6		<1.0	0	106	10	<5	19	<5	<0.01		4
E5723365	158.00	159.00	1.00		25.8		<1.0	0	102	11	<5	20	<5	<0.01		4
E5723367	159.00	160.00	1.00		23.7		<1.0	0	93	10	<5	17	<5	<0.01		3
E5723368	160.00	161.00	1.00		29.2		<1.0	0	98	10	<5	17	<5	<0.01		4
E5723369	161.00	162.00	1.00		31.9		<1.0	0	91	11	<5	39	<5	<0.01		4
E5723370	162.00	163.00	1.00		24.3		<1.0	0	72	10	<5	14	<5	<0.01		3
E5723371	163.00	164.00	1.00		27.6		<1.0	0	75	9	<5	21	<5	<0.01		4
E5723373	164.00	165.00	1.00		28.5		<1.0	0	91	11	<5	23	<5	<0.01		4
E5723374	165.00	166.00	1.00		25.2		<1.0	1	77	13	<5	20	<5	<0.01		3
E5723375	166.00	167.00	1.00		28.2		<1.0	0	88	11	5	26	<5	<0.01		4
E5723376	167.00	168.00	1.00		21.5		<1.0	0	69	10	<5	18	<5	<0.01		3
E5723377	168.00	169.00	1.00		17.9		<1.0	0	58	8	<5	16	<5	<0.01		2
E5723379	169.00	170.00	1.00		14.6		<1.0	0	54	8	<5	14	<5	<0.01		2
E5723380	170.00	171.00	1.00		13.8		<1.0	0	46	7	<5	17	<5	<0.01		2
E5723381	171.00	172.00	1.00		14.0		<1.0	0	49	8	<5	18	<5	<0.01		2

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment			
172.00	184.00	CNGM	CNGM	**Conglomerate, Matrix-supported**			
		Coleman Conglomerate. Massively bedded polymictic conglomerate, variable clast size and lithologies (some granitic clasts). Dark grey fine grained to sometimes medium grained matrix. Some minor pink carb vein. Spotted chl alteration starts to occur around 175m which also overprints some clasts, along with tr-1% py/ tr cpy within matrix. Section from 180.87-180.96m with 80% cpy/py, appears to almost completely replace the carb vein that brought the min. Sharp but jagged lower contact with VM.					
		175.00	180.87	MIN			0.0% Sum	Diss tr-1% py and tr cpy within congl matrix.
		175.00	184.00	ALT	CHL	SPOTTED	4	Spotted chl alteration starts to occur around 175m, overprints some clasts.
		175.42	175.47	VEIN	Carb	Massive	0.5 cm	pink thin carb vein, a couple wall rock fragments, slightly vuggy but looks barren.
		175.42	175.47	STRC	SLICK	00°-211°	a = 054°	Mod crb/chl slick on side of vein
		176.58	176.63	VEIN	Carb-Sul	Massive	0.5 cm	pink thin carb vein, a couple wall rock fragments, slightly vuggy, tr fg py.
		177.21	177.26	VEIN	Carb-Sul	Massive	0.5 cm	pink thin carb vein, a couple wall rock fragments, slightly vuggy, tr fg py.
		177.21	177.26	STRC	SLICK	-14°-026°	a = 056°	Mod crb/chl slick on side of vein
		180.87	180.96	VEIN	Carb-Sul	Massive	3 cm	Large massive carb vein that has almost been completely replaced with py/cpy, maybe 5-10% of the orignal vein material left.
		180.87	180.96	MIN			0.0% Sum	Looks like almost massive sulphide replacing the originaly vein that brought the mineralization. 80% of interval is mix of cpy/py.
		180.96	184.00	MIN			0.0% Sum	Diss tr-1% py and tr cpy within congl matrix.
		182.07	182.15	VEIN	Carb	Massive	1 cm	Massive white carb vein, barren.
		182.07	182.15	STRC	SLICK	51°-007°	a = 034°	Strong chl slick on side of vein.
184.00	190.00	VMM	VM	**Mafic Volcanic**			
		Dark green to brownish coloured, fine grained, heavily altered, significant chlorite spotting, almost unidentifable original lithology aside from a few spots. Has sharp upper contact with proterozoic seds. Some qtz/carb veins before large vein zone noted.					
		184.00	184.50	STRC	FOL	314°/69°	a = 040°	Foliation within the spotted volcanics, chl and somewhat alignment of spotted chl alt.
		186.10	186.37	VEIN	Carb-Sul	Massive	3 cm	massive white chl altered carb vein, tr fg py.
		187.00	187.60	STRC	FOL	275°/80°	a = 044°	Foliation within the spotted volcanics, chl and somewhat alignment of spotted chl alt.

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E5723382	172.00	173.00	1.00		19.7		<1.0	0	62	11	<5	24	<5	<0.01		3
E5723383	173.00	174.00	1.00		19.8		<1.0	0	59	10	<5	21	<5	<0.01		3
E5723384	174.00	175.00	1.00		20.8		<1.0	0	65	11	<5	23	<5	<0.01		3
E5723385	175.00	176.00	1.00		20.5		<1.0	0	72	14	7	31	<5	<0.01	3	3
E5723387	176.00	177.00	1.00		23.0		<1.0	1	62	15	<5	30	<5	0.03	3	3
E5723388	177.00	178.00	1.00		23.4		<1.0	1	63	31	5	29	<5	0.12	3	3
E5723389	178.00	179.00	1.00		39.6		<1.0	0	87	546	<5	37	<5	0.10	3	8
E5723390	179.00	180.00	1.00		36.6		<1.0	0	79	170	<5	31	<5	0.11	8	6
E5723391	180.00	180.81	0.81		30.6		<1.0	0	55	108	<5	28	<5	0.09	6	4
E5723393	180.81	181.12	0.31		810.0		3.0	24	437	12900	426	165	346	10.30	4	167
E5723396	181.12	182.00	0.88		37.9		<1.0	1	110	39	<5	47	21	0.08	167	5
E5723397	182.00	183.00	1.00		58.8		<1.0	0	142	109	<5	42	<5	0.16	5	8
E5723399	183.00	184.00	1.00		59.2		<1.0	0	84	132	<5	35	<5	0.18	8	7
E5723400	184.00	185.00	1.00		48.3		<1.0	0	97	59	<5	36	<5	0.18	14	6
E5723401	185.00	186.00	1.00		41.8		<1.0	0	103	115	<5	34	<5	0.08	12	6
E5723402	186.00	187.00	1.00		34.1		<1.0	0	99	259	<5	34	<5	0.03	12	6
E5723403	187.00	188.00	1.00		41.7		<1.0	0	109	104	9	33	<5	0.03	12	6
E5723404	188.00	189.00	1.00		54.3		<1.0	0	105	22	6	32	<5	0.13	12	7
E5723405	189.00	190.00	1.00		43.5		<1.0	0	95	15	<5	33	<5	0.05	13	5

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
190.00	209.00	VEINZ	VEINZ	**QFS Vein Zone**

Significant vein system - quarts flooding. Almost completely replaced original host rock aside from a few sections. Extremely chloritized with silicification, remnant sections still has spotted alt. Quarts is medium grey translucent, to some white-ish section. A few white-pink tiny carb blebs throughout. Quarts has small bladed black tourmaline crystals (strange) throughout, with a few concentrated clusters (pictures taken). Mineralization is poor, with tr py/cpy over zone, and a couple specks of sph. Orientation line not possible aside from the very start, several alphas taken throughout where possible but they're all over the place. Overall, the quarts is maybe taking up 40% of interval. Some thin little healed crb fractures/veins throughout cutting across qtz system as well.

190.57	190.83	VEIN	Carb-Sul	Massive	2 cm	Massive white-grey qtz-carb vein part of larger vein system
190.57	190.83	STRC	SLICK	63°-350°	a = 019°	Mod-strong chl slick on side of vein within vein system.
195.40	195.50	VEIN	Qtz-Sulp	Stockwrk	2 cm	Section of vein system
195.80	196.00	VEIN	Qtz-Sulp	Stockwrk	1 cm	Section of vein system
199.10	199.30	VEIN	Qtz-Sulp	Stockwrk	2 cm	Section of vein system
202.85	203.20	VEIN	Qz-Cb-Su	Stockwrk	15 cm	Section of vein system, little more crb and brecciation.
207.50	208.00	VEIN	Carb	SetPara	0.5 cm	Thin little white crb veins/healed fractures cutting across vein system.

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E5723407	190.00	191.00	1.00		23.5		<1.0	0	76	49	12	27	<5	0.03	12	4
E5723408	191.00	191.50	0.50		15.9		<1.0	0	46	109	6	17	<5	0.04	10	3
E5723409	191.50	192.00	0.50		11.0		<1.0	0	39	101	8	15	<5	0.03	9	2
E5723410	192.00	192.50	0.50		19.8		<1.0	0	47	69	9	15	<5	0.06	8	3
E5723411	192.50	193.00	0.50		57.9		<1.0	1	62	1310	<5	20	13	0.38	9	15
E5723413	193.00	193.50	0.50		21.7		<1.0	0	37	135	10	16	<5	0.08	21	3
E5723414	193.50	194.00	0.50		35.3		<1.0	0	49	159	20	18	6	0.16	10	5
E5723415	194.00	194.50	0.50		10.5		<1.0	0	57	13	15	17	<5	0.01	11	2
E5723416	194.50	194.98	0.48		8.1		<1.0	0	25	58	8	10	<5	0.02	8	2
E5723417	194.98	195.50	0.52		39.0		<1.0	0	73	162	10	18	11	0.22	8	6
E5723419	195.50	196.00	0.50		44.9		<1.0	1	66	500	15	24	17	0.41	12	8
E5723420	196.00	196.50	0.50		58.4		<1.0	0	78	59	<5	28	11	0.24	15	7
E5723421	196.50	197.00	0.50		58.1		<1.0	0	86	47	7	29	8	0.31	13	7
E5723422	197.00	197.50	0.50		46.2		<1.0	0	92	53	6	34	11	0.57	13	6
E5723423	197.50	198.00	0.50		83.0		<1.0	0	80	71	<5	32	7	0.51	12	9
E5723424	198.00	198.50	0.50		50.2		<1.0	0	91	238	<5	35	9	0.22	15	7
E5723425	198.50	199.00	0.50		67.7		<1.0	0	92	185	<5	33	11	0.22	14	9
E5723427	199.00	199.55	0.55		78.5		<1.0	1	64	263	<5	25	21	0.43	15	10
E5723428	199.55	200.00	0.45		40.4		<1.0	0	72	173	<5	27	6	0.09	16	6
E5723429	200.00	200.60	0.60		48.7		<1.0	0	88	17	<5	36	5	0.11	12	6
E5723430	200.60	201.00	0.40		41.7		<1.0	0	57	192	<5	24	7	0.31	12	6
E5723431	201.00	201.50	0.50		72.4		<1.0	1	88	1120	<5	32	15	0.57	12	15
E5723433	201.50	202.00	0.50		53.7		<1.0	0	84	125	<5	38	9	0.27	21	7
E5723434	202.00	202.56	0.56		25.2		<1.0	0	58	673	11	27	<5	0.19	13	8
E5723435	202.56	203.00	0.44		31.5		<1.0	1	44	1450	7	19	7	0.45	14	13
E5723436	203.00	203.47	0.47		7.4		<1.0	0	25	58	14	914	<5	0.03	19	4
E5723437	203.47	204.00	0.53		6.9		<1.0	0	26	41	14	18	<5	0.02	10	1
E5723439	204.00	204.50	0.50		41.0		<1.0	1	81	540	<5	39	11	0.29	8	8
E5723440	204.50	205.00	0.50		30.8		<1.0	1	57	397	5	31	8	0.24	15	6
E5723441	205.00	205.50	0.50		38.1		<1.0	1	54	315	7	27	12	0.28	13	6
E5723442	205.50	206.00	0.50		4.1		<1.0	0	21	215	9	15	<5	0.03	13	2
E5723443	206.00	206.46	0.46		10.2		<1.0	0	38	62	9	29	<5	0.01	8	2
E5723444	206.46	207.00	0.54		4.8		<1.0	0	23	16	7	15	<5	<0.01	8	1
E5723445	207.00	207.50	0.50		3.8		<1.0	0	20	13	6	13	<5	<0.01	7	1
E5723447	207.50	208.00	0.50		4.5		<1.0	0	20	7	6	16	<5	<0.01	7	1
E5723448	208.00	208.50	0.50		6.0		<1.0	0	25	8	5	17	<5	<0.01	7	1
E5723449	208.50	209.00	0.50		5.3		<1.0	0	25	64	9	22	<5	<0.01	7	1

DRILL LOG

GEOLOGY

From	To	Code	Label		Comment			
209.00	209.00	EOH EOH	EOH		**End of Hole**			
		184.00	209.00	MIN			0.3% Sum	QFS/VN hosted tr py/cpy over zone, and a couple specks of sph.
		184.00	209.00	ALT	CHL	SPOTTED	10	Heavily chloritized, coarse chl spotting, and strong silification throughout, spotting not present in quarts tself but lies within the remnant sections.
	209.00	**EOH**			**End of hole.**			

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act

GEOTECHNICAL MEASUREMENTS

From	To	Len	TCR m	TCR %	RQD m	RQD %	Breaks	Comments
2.00	5.00	3.00	3.05					
5.00	8.00		2.90					
8.00	11.00		3.00					
11.00	14.00		3.06					
14.00	17.00		2.96					LOL@16.17;LOL@16.81
17.00	20.00		3.03					
20.00	23.00		3.02					
23.00	26.00		3.02					
26.00	29.00		3.03					
29.00	32.00		2.98					LOL@31.17
32.00	35.00		3.02					LOC@32.48
35.00	38.00		3.03					
38.00	41.00		3.04					
41.00	44.00		3.05					
44.00	47.00		3.06					
47.00	50.00		3.00					LOC@48.85
50.00	53.00		3.05					
53.00	56.00		3.00					
56.00	59.00		3.01					
59.00	62.00		3.00					
62.00	65.00		3.07					
65.00	68.00		3.07					
68.00	71.00		3.03					
71.00	74.00		3.09					
74.00	77.00		3.01					
77.00	80.00		2.99					
80.00	83.00		2.98					
83.00	86.00		3.05					
86.00	89.00		2.92					
89.00	92.00		2.65					
92.00	95.00		2.99					
95.00	98.00		3.04					
98.00	101.00		3.18					
101.00	104.00		3.02					
104.00	107.00		2.72					
107.00	110.00		3.40					
110.00	113.00		3.01					
113.00	116.00		2.92					
116.00	119.00		2.91					
119.00	122.00		3.05					
122.00	125.00		3.01					DRILL MARK BEFORE 3
125.00	128.00		3.03					
128.00	131.00		3.09					

131.00	134.00	3.00	
134.00	137.00	3.03	
137.00	140.00	3.00	
140.00	143.00	3.00	
143.00	146.00	2.10	BROKEN RUN; LOL@43.
146.00	149.00	3.10	
149.00	152.00	2.97	
152.00	155.00	3.12	
155.00	158.00	3.02	
158.00	161.00	3.02	
161.00	164.00	3.00	
164.00	167.00	3.11	LOL@165.34
167.00	170.00	3.03	
170.00	173.00	2.99	
173.00	176.00	3.01	
176.00	179.00	3.02	
179.00	182.00	2.96	
182.00	185.00	3.03	BROKEN RUN@ END
185.00	188.00	3.02	
188.00	191.00	3.00	
191.00	194.00	3.00	
194.00	197.00	3.05	
197.00	200.00	2.94	
200.00	203.00	3.04	
203.00	206.00	2.92	
206.00	209.00	3.00	EOH

Cobalt North Project (Schumann Lake Property)

Drill Log FCC-18-0168

COLLAR INFORMATION

Easting:	601,892.98 m	**Azimuth:**	3.30°
Northing:	5,242,201.33 m	**Dip:**	-65.00°
Elevation:	344.56 m	**Length:**	179.00 m
Target:	SL52; stratigraphic hole testing lithologies. End at reasonable distance into Archaean		

Comments:

ORIENTATION TESTS

Depth	Measured	Az	Dip	Test Type
0.00	3.3°	3.3°	-65.0°	Collar
50.00	15.8°	3.3°	-65.2°	EZ-Shot
104.00	20.3° X	7.8°	-65.2°	EZ-Shot
155.00	19.8°	7.3°	-65.3°	EZ-Shot
179.00	20.4°	7.9°	-64.4°	EZ-Shot

WORK DONE BY

Work	From	To	Worker	Start	End	Comments
Supervision	0.0	179.0	Dan Chisholm	2018-Nov-09	Nov-24	
Drilling	0.0	179.0	Laframboise Drilling	2018-Nov-09	Nov-10	
Geotech + Orient	0.0	179.0	Glenn O'Keefe	2018-Nov-14	Nov-14	
Core Logging	0.0	179.0	Jaimie-Lee Bruce	2018-Nov-24	Nov-24	
Sampling	0.0	179.0	Jaimie-Lee Bruce	2018-Nov-24	Nov-24	

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment			
0.00	2.00	OVB	OVB	**Overburden**			
		Overburding until 2 m.					
2.00	179.00	IMDIA	DIA	**Main Nipissing**			
		Medium-grained, grey, massive diabase. Some minor, localized potassic and epidote alteration. No/very weak veining and mineralization (pyrite).					
		58.50	59.30	ALT	POTASSIC	PERVAS	3	local wk Kspar
		64.50	64.80	ALT	EPI	FRACFILL	3	ff ep
		89.00	89.15	VEIN	Carb-Met	Massive	10 cm	carb vn w/ tr py
		139.30	139.80	VEIN	Carb-Met	Massive	3 cm	low angle carb vn w/ tr py + fibrous ep
		140.00	140.10	VEIN	Qtz-Carb	Massive	5 cm	qtz carb vn, no mineralization
		159.00	175.00	STRC	BLOCKY			blocky core
179.00	179.00	EOH	EOH	**End of Hole**			
		End of hole at 179 m.					
	179.00	**EOH**		**End of hole.**			

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E6002165	87.00	88.00	1.00		32.9		<1.0	0	103	106	14	54	<5	0.04		5
E6002167	88.00	89.00	1.00		34.2		<1.0	0	108	95	8	68	7	0.03		5
E6002168	89.00	90.00	1.00		28.7		<1.0	0	88	89	5	92	6	0.03		5
E6002169	90.00	91.00	1.00		33.0		<1.0	0	107	108	11	63	<5	0.04		5
E6002170	91.00	92.00	1.00		34.1		<1.0	0	108	108	14	127	<5	0.04		6
E6002171	137.00	138.00	1.00		45.0		<1.0	0	183	94	9	73	<5	0.04		7
E6002173	138.00	139.00	1.00		43.8		<1.0	0	183	101	21	86	<5	0.03		7
E6002174	139.00	140.00	1.00		45.2		<1.0	0	144	189	39	124	11	0.05		8
E6002175	140.00	141.00	1.00		42.8		<1.0	0	173	99	11	83	<5	0.05		7
E6002176	141.00	142.00	1.00		43.3		<1.0	0	194	71	9	70	<5	<0.01		7
E6002177	142.00	143.00	1.00		43.9		<1.0	0	193	89	11	68	<5	0.03		7

GEOTECHNICAL MEASUREMENTS

From	To	Len	TCR m	TCR %	RQD m	RQD %	Breaks	Comments
2.00	5.00	3.00	2.62					
5.00	8.00		3.10					
8.00	11.00		3.03					
11.00	14.00		3.04					
14.00	17.00		3.03					
17.00	20.00		3.07					
20.00	23.00		3.09					
23.00	26.00		2.88					
26.00	29.00		3.02					
29.00	32.00		3.06					
32.00	35.00		2.92					
35.00	38.00		3.11					
38.00	41.00		3.10					
41.00	44.00		3.00					
44.00	47.00		2.97					
47.00	50.00		2.96					
50.00	53.00		3.06					
53.00	56.00		3.01					
56.00	59.00		2.94					
59.00	62.00		3.06					
62.00	65.00		3.09					
65.00	68.00		2.96					
68.00	71.00		2.94					
71.00	74.00		3.00					
74.00	77.00		2.94					
77.00	80.00		3.07					
80.00	83.00		3.04					
83.00	86.00		3.06					
86.00	89.00		3.07					
89.00	92.00		3.03					
92.00	95.00		2.95					
95.00	98.00		2.97					
98.00	101.00		3.02					
101.00	104.00		3.06					
104.00	107.00		3.00					
107.00	110.00		3.02					
110.00	113.00		2.97					
113.00	116.00		3.05					
116.00	119.00		2.97					
119.00	122.00		3.03					
122.00	125.00		2.92					
125.00	128.00		3.03					
128.00	131.00		3.04					

131.00	134.00	3.02	
134.00	137.00	3.03	
137.00	140.00	2.97	
140.00	143.00	3.06	
143.00	146.00	3.09	
146.00	149.00	2.99	
149.00	152.00	3.01	
152.00	155.00	3.00	
155.00	158.00	2.98	
158.00	161.00	3.03	
161.00	164.00	3.10	
164.00	167.00	2.85	
167.00	170.00	3.02	
170.00	173.00	3.06	
173.00	176.00	3.00	
176.00	179.00	3.04	EOH

Cobalt North Project (Schumann Lake Property)

Drill Log FCC-18-0169

COLLAR INFORMATION

Easting:	601,205.02 m	**Azimuth:**	181.70°
Northing:	5,242,249.30 m	**Dip:**	-55.10°
Elevation:	320.09 m	**Length:**	188.00 m

Target: SL55; stratigraphic hole testing lithologies. End at reasonable distance into Archaean

Comments: Intercepted the Archean Basalt. Best veins occur in the IFP intrusion. Trace Gl locally in the basalts.

ORIENTATION TESTS

Depth	Measured	Az	Dip	Test Type
0.00	181.7°	181.7°	-55.1°	Collar
17.00	194.2°	181.7°	-55.3°	EZ-Shot
50.00	195.5°	183.0°	-55.1°	EZ-Shot
101.00	196.4°	183.9°	-54.6°	EZ-Shot
152.00	194.7°	182.2°	-54.5°	EZ-Shot
188.00	196.4°	183.9°	-54.0°	EZ-Shot

WORK DONE BY

Work	From	To	Worker	Start	End	Comments
Drilling	0.0	188.0	Laframboise Drilling	2018-Nov-10	Nov-15	Drill #2
Geotech + Orient	0.0	188.0	Dave Lamontagne	2018-Nov-15	Nov-15	
Core Logging	0.0	53.0	Meghan Hewton	2018-Nov-22	Nov-23	
Core Logging	53.0	188.0	Jonathan Warner	2018-Nov-23	Nov-24	
Sampling	53.0	188.0	Jonathan Warner	2018-Nov-24	Nov-24	

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
0.00	3.00	CAS	CAS	**Casing**
		Casing and OVB		
3.00	124.30	IMDIA	DIA	**Main Nipissing**
		Fine to coarse grained, grey to green, patchy chlorite altered nip diabase. Unit has some small zones of carb/sil alt around small veins and joints but overall is fairly homogenous. There is a small kspar/hem altered rehealed fault zone between 43.25 and 44. No other stucture or visable min.		
		43.25	44.00	STRC FAULT — Small rehealed but still blocky fault zone. No min or anything else nearby.
		43.25	44.00	ALT POTASSIC PERVAS 7 — Kspar/Hem alt around rehealed vein with some vein staining and hem zones.
		101.60	102.00	ALT HEM PERVAS 5 — Displays 1cm thick extensional veins
		101.80	102.00	VEIN Carb Vuggy cm — Occurs with He alt
124.30	132.90	SLST	SLST	**Siltstone**
		Color/Comp: Medium grey fine to very fine grained Veins: Trace veining typically 1cm thick that are parallel to bedding Struct: Well bedded throughout Contacts: Up hole contact is very clearly not parallel with the SLST bedding planes. It occurs at a much shallower angle.		
		124.30	124.40	STRC CONT a = 025° — CT between Diabase and bedded siltstone
		124.60	124.70	STRC BED a = 050° — Well bedded
		131.10	131.20	STRC BED 080°/10° a = 045° — Well defined beds

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
132.90	134.40	IF	IF	**Felsic Intrusive** Beige to red med to coarse grained plag in a grey matirx. Intrusion is intercalated with the sandstone ~75% IFP.
	132.90	133.00	STRC	CONT 081°/20° a = 035° Sub-parallel to bedding planes. Local bands of IFP with the same orientations.
134.40	155.15	SLST	SLST	**Siltstone** Color/Comp: Medium grey fine to very fine grained Veins: Trace veining typically 1cm thick that are parallel to bedding Struct: Well bedded throughout Massive throughout
	136.00	136.10	STRC	BED 081°/20° a = 035° Beds of slst interbedded with bands of IFP
155.15	161.70	IFP	IFP	**Felsic Porphyry** Color/Comp: Glossy grey fine grained matrix with medium grained qtz and plag Min: Trace Py in veining Alt: Typical IFP alt Veins: cm scale veins that contain mod Pot and weak He alt. Two larger qtz-chl veins that contain weak sulfides and strong mm thick Chl filled styolites.
	155.15	161.70	ALT	POTASSIC VEIN 7 Pot/He occur in cm thick veins throughout this zone but not in the larger shallow dipping qtz-chl veins
	157.00	157.65	VEIN	Qtz-Chl Massive 4 cm Contains mm thick Chl styolites
	157.00	157.65	MIN	0.1% Sum Occurs in Qtz carb vein
	159.70	160.15	VEIN	Qtz-Chl Massive 10 cm Contains mm thick Chl styolites
161.70	162.80	VMM	VM	**Mafic Volcanic** Probable xenolith caught up in the IFP intrusion. Contains mod veining with very weak sulfides. Medium green, fine to very fine grained strong chlorite.
	161.70	162.80	ALT	CHL PERVAS 7 Occurs in possible VM xeno with mod veining.
	162.20	162.65	VEIN	Qtz-Chl VeinBx cm Occurs in VM possible xeno
162.80	164.35	IFP	IFP	**Felsic Porphyry** Color/Comp:pale grey fine grained matrix with medium grained qtz and plag appears to be slightly more bleached than IFP above Min: trace sulfides Alt: Weak bleaching
	162.80	164.35	ALT	BLEACH PERVAS 4 Possible drill effect

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E6544829	154.10	155.15	1.05		15.7		<1.0	0	53	7	9	65	<5	0.02		2
E6544830	155.15	156.00	0.85		8.9		<1.0	0	30	7	9	54	<5	<0.01		1
E6544831	156.00	157.00	1.00		8.7		<1.0	0	29	6	8	46	<5	<0.01		1
E6544833	157.00	157.65	0.65		9.9		<1.0	0	22	9	13	36	<5	0.03	1	1
E6544834	157.65	158.60	0.95		8.6		<1.0	0	23	5	8	47	<5	<0.01		1
E6544835	158.60	159.70	1.10		7.8		<1.0	0	23	6	9	46	<5	<0.01		1
E6544836	159.70	160.15	0.45		4.3		<1.0	0	15	<5	12	25	<5	<0.01		1
E6544837	160.15	161.00	0.85		8.0		<1.0	0	23	6	8	42	<5	<0.01		1
E6544839	161.00	161.70	0.70		12.1		<1.0	0	37	8	7	51	<5	<0.01		2
E6544840	161.70	162.80	1.10		36.3		<1.0	0	405	13	<5	213	<5	<0.01		10
E6544841	162.80	163.50	0.70		16.9		<1.0	0	30	21	6	49	<5	0.04		2
E6544842	163.50	164.35	0.85		18.1		<1.0	0	39	109	6	63	<5	0.03		3

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment			
164.35	188.00	VMM	VM	**Mafic Volcanic**			
		Color/Comp:Medium to dark green fine grained Min: Local weak zones of Py and Local zones of trace Gl associated with carb veins. Weak patchy zones of Mt throughout good association with veins this may affect mag sus readings Alt: Local patchy Ep alt Veins: Weak veining throughout. Local veins that contain trace Gl. 181-181.5m-Lamp medium grained dark grey to dark green.				
		164.75	164.90	VEIN	Carb	Massive	4 cm	Strong Mt on footwall side of vein
		166.60	166.90	VEIN	Qtz-Carb	VeinBx	cm	Veins with varying orientations
		166.90	167.00	STRC	GOUGE	276°/81°	a = 045°	Occurs with mm thick qtz carb veins
		167.80	167.90	VEIN	Qtz-Carb	VeinBx	3 cm	Strong diss Mt discontiuous vein
		168.05	168.15	VEIN	Qtz-Carb	Massive	3 cm	Weak pink carb and weak Py
		182.40	182.45	VEIN	Carb	VeinBx	1 cm	Contains Sph and pink carb
		182.60	182.70	VEIN	Carb	VeinBx	cm	Pink carb irregular vein with He halo contains weak Gl
188.00	188.00	EOH	EOH	**End of Hole**				
		172.00	188.00	ALT	EPI	PATCHY	5	Patchy to wispy Ep
	188.00	**EOH**		**End of hole.**				

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E6544843	164.35	164.75	0.40		31.7		<1.0	0	78	67	<5	143	<5	<0.01		5
E6544844	164.75	165.30	0.55		17.2		<1.0	0	43	12	6	104	<5	<0.01		3
E6544845	165.30	166.00	0.70		16.5		<1.0	0	49	10	<5	119	<5	<0.01		3
E6544847	166.00	167.00	1.00		28.8		<1.0	0	81	10	<5	200	<5	<0.01		4
E6544848	167.00	167.90	0.90		31.6		<1.0	0	91	48	<5	218	<5	<0.01		5
E6544849	167.90	168.50	0.60		129.0		<1.0	1	128	244	<5	229	39	0.27		15
E6544850	168.50	169.00	0.50		33.4		<1.0	0	91	33	<5	252	<5	0.05		5
E6544851	169.00	170.00	1.00		34.1		<1.0	0	84	40	<5	290	<5	0.02		5
E6544853	170.00	171.00	1.00		35.1		<1.0	0	86	10	19	294	<5	0.01		5
E6544854	180.00	181.00	1.00		44.4		<1.0	0	88	21	13	244	<5	<0.01		6
E6544855	181.00	181.50	0.50		42.7		<1.0	0	272	11	15	348	5	<0.01		9
E6544856	181.50	182.00	0.50		38.5		<1.0	0	124	10	15	331	<5	<0.01		6
E6544857	182.00	182.80	0.80		39.5		<1.0	0	132	11	212	381	<5	<0.01	7	7
E6544859	182.80	183.90	1.10		42.1		<1.0	0	88	7	80	564	<5	<0.01		7
E6544860	183.90	185.00	1.10		38.2		<1.0	0	83	12	93	609	<5	0.03		7
E6544861	185.00	186.00	1.00		40.2		<1.0	0	90	11	65	464	<5	0.04		6
E6544862	186.00	187.00	1.00		37.9		<1.0	0	84	7	58	380	<5	<0.01		6
E6544863	187.00	188.00	1.00		54.9		<1.0	0	103	8	98	367	<5	0.15	6	8

GEOTECHNICAL MEASUREMENTS

From	To	Len	TCR m	TCR %	RQD m	RQD %	Breaks	Comments
2.00	5.00	3.00						No TCR, first meter of t
5.00	8.00		2.92					
8.00	11.00		2.99					
11.00	14.00		3.00					
14.00	17.00		2.97					
17.00	20.00		2.98					
20.00	23.00		2.97					
23.00	26.00		3.05					
26.00	29.00		2.91					
29.00	32.00		3.06					
32.00	35.00		3.03					
35.00	38.00		2.98					
38.00	41.00		3.03					
41.00	44.00		2.95					
44.00	47.00		2.92					
47.00	50.00		2.93					
50.00	53.00		2.99					
53.00	56.00		3.04					
56.00	59.00		3.07					
59.00	62.00		3.00					
62.00	65.00		2.96					
65.00	68.00		3.05					
68.00	71.00		2.93					
71.00	74.00		2.97					
74.00	77.00		2.92					
77.00	80.00		3.14					
80.00	83.00		2.89					
83.00	86.00		3.05					
86.00	89.00		2.94					
89.00	92.00		3.03					
92.00	95.00		3.03					
95.00	98.00		2.95					
98.00	101.00		2.98					
101.00	104.00		3.02					
104.00	107.00		2.88					
107.00	110.00		3.08					
110.00	113.00		2.86					
113.00	116.00		3.04					
116.00	119.00		3.00					
119.00	122.00		3.14					
122.00	125.00		2.99					
125.00	128.00		2.93					
128.00	131.00		2.94					

131.00	134.00	3.07	
134.00	137.00	2.97	
137.00	140.00	2.95	
140.00	143.00	2.88	
143.00	146.00	2.96	
146.00	149.00	2.97	
149.00	152.00	3.03	
152.00	155.00	2.88	
155.00	158.00	2.83	
158.00	161.00	3.00	
161.00	164.00	3.06	
164.00	167.00	2.99	LOC @ 164.9
167.00	170.00	3.06	
170.00	173.00	3.02	
173.00	176.00	3.01	
176.00	179.00	2.93	
179.00	182.00	3.01	
182.00	185.00	2.90	
185.00	188.00	3.02	EOH

Cobalt North Project (Schumann Lake Property)

Drill Log FCC-18-0173

COLLAR INFORMATION

Easting:	601,003.66 m	**Azimuth:**	205.20°
Northing:	5,242,177.06 m	**Dip:**	-55.40°
Elevation:	310.70 m	**Length:**	197.00 m

Target: testing under lake along strike from Mining Corp veins and shaft, along strike from mapped seds at surface.

Comments:

ORIENTATION TESTS

Depth	Measured	Az	Dip	Test Type
0.00	205.2°	205.2°	-55.4°	Collar

WORK DONE BY

Work	From	To	Worker	Start	End	Comments
Supervision	0.0	194.0	Dan Chisholm	2018-Nov-15	Nov-26	
Drilling	0.0	194.0	Laframboise Drilling	2018-Nov-15	Nov-17	
Geotech + Orient	0.0	194.0	Dave Lamontagne	2018-Nov-20	Nov-20	
Core Logging	0.0	194.0	Jaimie-Lee Bruce	2018-Nov-25	Nov-26	
Sampling	0.0	194.0	Jaimie-Lee Bruce	2018-Nov-25	Nov-26	

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
0.00	3.50	OVB	OVB	**Overburden**
		Overburden until 3.5 m.		

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment		
3.50	68.85	IMDIA	DIA	**Main Nipissing - Hem/Sil**		
		Medium to coarse grained, reddish grey, massive diabase. Pervasive, strong silicification and moderate hematization giving unit a red and "flooded" appearance. Magnetic throughout. 2 % white to pink quartz carbonate veins, some with trace pyrite and magnetite.				
	3.50	68.85	ALT	SIL	PERVAS	str perv sil
	3.85	3.95	STRC	FAULT		fault rubble
	6.20	6.30	ALT	MAG	VEIN	diss/bladed mag in vn
	7.00	7.60	VEIN	Qtz-Carb	Tension cm	pink qtz carb vn, no min
	35.90	36.50	VEIN	Qz-Cb-Su	Massive cm	low angled qtz carb vn w/ tr py
	47.00	62.00	ALT	EPI	FRACFILL	ff ep
	64.25	64.30	VEIN	Qz-Cb-Su	Massive cm	pink qtz carb w/ py
	66.80	68.85	ALT	HEM	PATCHY	str patches of hem, near dia/slst contact

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E6002179	3.50	4.00	0.50		15.7		<1.0	0	34	35	<5	19	<5	<0.01		2
E6002180	4.00	5.00	1.00		17.3		<1.0	0	43	55	<5	20	<5	<0.01	2	3
E6002181	5.00	6.00	1.00		10.2		<1.0	0	25	8	<5	16	<5	<0.01	3	1
E6002182	6.00	7.00	1.00		11.3		<1.0	0	29	8	<5	17	<5	0.02	1	2
E6002183	7.00	8.00	1.00		9.7		<1.0	0	24	16	<5	8	<5	<0.01	2	1
E6002184	8.00	9.00	1.00		11.0		<1.0	0	27	6	<5	16	<5	<0.01	1	1
E6002185	9.00	10.00	1.00		12.1		<1.0	0	31	6	<5	15	<5	<0.01	1	2
E6002187	10.00	11.00	1.00		13.0		<1.0	1	26	7	<5	16	21	0.01	2	2
E6002188	11.00	12.00	1.00		13.4		<1.0	0	30	14	<5	22	5	<0.01	2	2
E6002189	12.00	13.00	1.00		12.7		<1.0	0	30	9	<5	17	<5	<0.01	2	2
E6002190	13.00	14.00	1.00		14.0		<1.0	0	31	8	<5	17	<5	<0.01	2	2
E6002191	14.00	15.00	1.00		16.0		<1.0	0	24	24	<5	21	<5	0.01	2	2
E6002193	15.00	16.00	1.00		18.5		<1.0	0	27	129	<5	26	<5	0.05	2	3
E6002194	16.00	17.00	1.00		15.7		<1.0	0	16	11	<5	27	<5	0.02	3	2
E6002195	17.00	18.00	1.00		15.1		<1.0	0	23	14	<5	25	<5	0.01	2	2
E6002196	18.00	19.00	1.00		15.6		<1.0	0	24	11	<5	20	<5	0.02	2	2
E6002197	19.00	20.00	1.00		16.8		<1.0	0	29	111	<5	19	<5	0.02	2	3
E6002199	20.00	21.00	1.00		17.2		<1.0	0	43	77	<5	20	<5	<0.01	3	3
E6002200	21.00	22.00	1.00		12.6		<1.0	0	33	9	<5	14	<5	<0.01	3	2
E6002201	22.00	23.00	1.00		10.2		<1.0	0	26	5	<5	12	<5	<0.01	2	1
E6002202	23.00	24.00	1.00		10.0		<1.0	0	21	5	<5	10	<5	<0.01	1	1
E6002203	24.00	25.00	1.00		16.9		<1.0	0	56	10	<5	20	<5	<0.01	1	2
E6002204	25.00	26.00	1.00		23.4		<1.0	0	76	8	<5	21	<5	0.01	2	3
E6002205	26.00	27.00	1.00		13.1		<1.0	0	27	<5	<5	14	<5	0.05	3	2
E6002206	27.00	28.00	1.00		11.2		<1.0	0	29	<5	<5	12	<5	0.02	2	1
E6002207	28.00	29.00	1.00		19.1		<1.0	0	35	6	<5	24	<5	0.01	1	2
E6002208	29.00	30.00	1.00		15.9		<1.0	0	29	7	<5	19	<5	<0.01	2	2
E6002209	30.00	31.00	1.00		14.2		<1.0	0	31	<5	<5	13	<5	0.04	2	2
E6002210	31.00	32.00	1.00		16.9		<1.0	0	34	<5	<5	10	<5	0.06	2	2
E6002211	32.00	33.00	1.00		17.8		<1.0	0	46	6	<5	17	<5	0.01	2	2
E6002213	33.00	34.00	1.00		17.4		<1.0	0	37	6	<5	19	<5	<0.01	2	2
E6002214	34.00	35.00	1.00		14.3		<1.0	0	42	7	<5	24	<5	<0.01	2	2
E6002215	35.00	35.90	0.90		18.6		<1.0	0	40	97	<5	28	<5	0.03	2	3
E6002216	35.90	36.50	0.60		17.0		<1.0	0	37	63	6	67	<5	0.10	3	3
E6002217	36.50	37.00	0.50		23.8		<1.0	0	42	13	8	114	<5	0.08	3	3
E6002219	37.00	38.00	1.00		30.0		<1.0	0	55	16	13	129	<5	0.04	3	4
E6002220	38.00	39.00	1.00		29.8		<1.0	0	56	20	<5	98	<5	0.05	4	4
E6002221	63.00	63.50	0.50		24.3		<1.0	1	61	18	7	52	6	0.06	4	3
E6002222	63.50	64.10	0.60		25.0		<1.0	1	45	295	15	51	10	0.15	3	5
E6002223	64.10	64.40	0.30		36.3		<1.0	0	54	247	10	83	8	0.17	5	6
E6002224	64.40	65.00	0.60		32.6		<1.0	0	50	25	7	90	<5	0.14	6	4
E6002225	65.00	66.00	1.00		31.9		<1.0	0	54	28	6	78	<5	0.12	4	4

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
68.85	174.45	SLST	SLST	**Siltstone** Very fine-grained, dark grey, finely bedded sandstone (bedding ~55-60 degree alpha). Coarser grained beds towards lower contact. Local, strong fracture filling hematite near upper contact with diabase and found in a few spots throughout the unit. Contains fault zones with blocky/rubbly core. No veining. Very minor trace pyrite along fractured surfaces.
	68.85	75.00	ALT	HEM PATCHY str patchy hem, near dia/slst contact
	77.00	78.00	STRC	FAULT flt zn, blocky/rubble
	125.00	133.00	STRC	BED 357°/17° a = 060° finely bedded
	125.00	125.30	STRC	FAULT flt zn, rubble w/ gouge and hem staining
	140.00	146.00	STRC	BED 115°/00° a = 055° finely bedded
	153.00	154.00	STRC	FAULT flt zn, blocky/rubble
	173.00	174.45	STRC	BED 084°/06° a = 050° interlamniated fine/coarse bedding, some shearing
174.45	186.50	CNGM	CNGM	**Conglomerate, Matrix-supported** Fine to medium grained, grey, polymictic conglomerate with rounded to subrounded clasts. Contains vuggy carbonate vein at 184.8 m, weak veining otherwise. Trace blebby pyrite within matrix.
	181.50	181.57	VEIN	Qtz-Sulp Massive 1 cm qtz vn w/ py
	184.77	184.80	VEIN	Carb Vuggy 2 cm vuggy carb vn
186.50	194.00	VMM	VM	**Mafic Volcanic** Fine-grained, greenish grey, mafic volcanics. Banded with some weak shearing. Gradational contact with upper conglomerate. Trace blebby and fracture filling pyrite.
194.00	194.00	EOH	EOH	**End of Hole** End of hole at 194 m.
	3.50	9999.00	MIN	0.5% Sum tr py within qtz-carb vn
	190.00	194.00	STRC	BAND 289°/74° a = 050° alt banding
	197.00	**EOH**		**End of hole.**

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E6002227	66.00	67.00	1.00		23.1		<1.0	1	44	23	<5	31	21	0.01	4	3
E6002228	67.00	68.00	1.00		18.4		<1.0	0	42	12	<5	21	5	<0.01	3	2
E6002229	68.00	68.85	0.85		18.6		<1.0	0	43	9	<5	19	<5	<0.01	2	2
E6002230	179.00	180.00	1.00		32.6		<1.0	0	57	58	<5	22	<5	0.05	2	4
E6002231	180.00	181.00	1.00		14.3		<1.0	0	48	93	<5	19	<5	0.03	4	3
E6002233	181.00	182.00	1.00		12.2		<1.0	0	41	27	<5	18	<5	0.01	3	2
E6002234	182.00	183.00	1.00		12.7		<1.0	0	37	27	<5	18	<5	0.02	2	2
E6002235	183.00	184.00	1.00		40.8		<1.0	0	65	502	8	27	6	0.17	2	8
E6002236	184.00	184.70	0.70		58.8		<1.0	0	63	20	6	23	<5	0.12	8	6
E6002237	184.70	185.00	0.30		24.1		<1.0	0	77	19	5	27	6	<0.01	6	3
E6002238	185.00	186.00	1.00		16.1		<1.0	0	54	161	5	27	<5	0.01	3	3
E6002240	186.00	186.50	0.50		17.8		<1.0	0	84	88	7	69	<5	<0.01	3	4
E6002241	186.50	187.00	0.50		21.5		<1.0	0	147	20	<5	96	<5	<0.01	4	4
E6002242	187.00	188.00	1.00		20.0		<1.0	0	154	14	<5	75	<5	<0.01	4	4
E6002243	188.00	189.00	1.00		24.1		4.0	0	108	17	<5	75	<5	0.07	4	6
E6002244	189.00	190.00	1.00		25.9		<1.0	0	63	164	7	68	<5	0.20	6	4
E6002245	190.00	191.00	1.00		29.0		<1.0	1	38	138	15	76	13	0.37	4	4
E6002247	191.00	192.00	1.00		26.8		1.0	1	140	40	<5	103	24	0.05	4	5
E6002248	192.00	193.00	1.00		31.5		<1.0	0	197	14	<5	134	9	<0.01	5	6
E6002249	193.00	194.00	1.00		23.1		<1.0	0	155	10	<5	104	<5	<0.01	6	5

GEOTECHNICAL MEASUREMENTS

From	To	Len	TCR m	TCR %	RQD m	RQD %	Breaks	Comments
5.00	8.00	3.00	2.99					
8.00	11.00		3.03					
11.00	14.00		3.06					
14.00	17.00		3.03					
17.00	20.00		2.98					
20.00	23.00		3.00					
23.00	26.00		3.01					
26.00	29.00		2.94					
29.00	32.00		3.02					
32.00	35.00		2.93					
35.00	38.00		3.05					
38.00	41.00		3.03					
41.00	44.00		2.91					
44.00	47.00		3.02					
47.00	50.00		3.00					
50.00	53.00		3.00					
53.00	56.00		3.01					
56.00	59.00		2.96					
59.00	62.00		3.05					
62.00	65.00		2.99					
65.00	68.00		2.98					
68.00	71.00		2.94					
71.00	74.00		2.70					
74.00	77.00		2.98					
77.00	80.00							RUBBLY ZONE
80.00	83.00		3.12					
83.00	86.00		3.01					
86.00	89.00		2.93					
89.00	92.00		2.94					
92.00	95.00		3.03					
95.00	98.00		2.97					
98.00	101.00		3.02					
101.00	104.00		2.98					
104.00	107.00		2.98					
107.00	110.00		2.96					
110.00	113.00		2.90					
113.00	116.00		2.92					
116.00	119.00		3.06					
119.00	122.00		3.03					
122.00	125.00		2.95					
125.00	128.00		2.92					LOC@130.7
128.00	131.00		3.01					
131.00	134.00		3.07					

134.00	137.00	2.97	
137.00	140.00	2.94	
140.00	143.00	2.98	
143.00	146.00	3.05	
146.00	149.00	3.03	
149.00	152.00	2.87	
152.00	155.00		NO TCR RUBBLY ZONE
155.00	158.00	2.96	
158.00	161.00	3.03	
161.00	164.00	2.99	
164.00	167.00	3.07	
167.00	170.00	2.81	
170.00	173.00	2.86	
173.00	176.00	3.30	
176.00	179.00	2.97	
179.00	182.00	2.98	
182.00	185.00	2.93	
185.00	188.00	2.97	
188.00	191.00	2.99	
191.00	194.00	2.98	EOH

Cobalt North Project (Schumann Lake Property)

Drill Log FCC-18-0175

COLLAR INFORMATION

Easting:	600,688.88 m	**Azimuth:**	139.10°
Northing:	5,242,033.69 m	**Dip:**	-55.00°
Elevation:	314.00 m	**Length:**	176.00 m
Target:	SL57		

Comments: Established the depth of the diabase but not much mineralization or veining to follow up on. Unable to get measurements on seds because of blocks in the drilling.

ORIENTATION TESTS

Depth	Measured	Az	Dip	Test Type
0.00	139.1°	139.1°	-55.0°	Collar

WORK DONE BY

Work	From	To	Worker	Start	End	Comments
Supervision	0.0	176.0	Dan Chisholm	2018-Nov-17	Nov-28	
Drilling	0.0	176.0	Laframboise Drilling	2018-Nov-17	Dec-18	Drill #2
Geotech + Orient	0.0	176.0	Dave Lamontagne	2018-Nov-23	Dec-23	
Core Logging	0.0	176.0	Jonathan Warner	2018-Nov-27	Nov-28	
Sampling	0.0	176.0	Jonathan Warner	2018-Nov-28	Nov-28	

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment
0.00	4.00	CAS	CAS	Casing

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act

DRILL LOG

GEOLOGY

From	To	Code	Label	Comment			
4.00	166.85	IMDIA	DIA	**Main Nipissing**			
		Diabase. Medium to coarse grained, massive, intrusive, crystalline, Looks almost 50/50% mafic and felsics in some parts, and others up to 70% mafics 30% felsics. Patches/lenses of white albite alteration. Minor weak qtz and/or crb veins, some epi/chl slicks. Local weak to moderate faults/gouges.				
	4.00	166.85	ALT	BLEACH			Bleaching due to albite alt
	15.10	15.25	VEIN	Carb	Massive	2 cm	Carb vein is darker grey than usual possibly associated with another alt
	17.80	17.95	VEIN	Carb	VeinBx	3 cm	Similar color to vein at 15.25m but with milky white quartz crystals.
	86.10	86.20	VEIN	Qtz-Carb	VeinBx	8 cm	Minor cm sized clasts of wall rock in vein. 10-20cm on either side of vein is silicified.
	86.20	86.20	VEIN	Qtz-Carb	VeinBx	8 cm	Minor cm sized clasts of wall rock in vein. 10-20cm on either side of vein is silicified.
	92.30	92.40	STRC	BC			Broken rubble
	116.30	118.00	MIN			0.2% Sum	Very fine grained silver sulfide possible Gl or possibble Asp diss in patches locally
	117.60	117.70	VEIN	Qtz-Carb	SetPara	cm	Two 1cm thick veins with weak Py.
	127.85	128.00	VEIN	Qtz-Carb	SetPara	cm	Set of parallel veins appears almost like bands proximal to patch of albite alt
	138.25	138.45	STRC	FAULT			Weak broken rubble with strong gouging and mod broken core associated with He alt
	166.80	166.85	STRC	CONT	021°/16°	a = 040°	Visible chill margin.
166.85	176.00	SLST	SLST	**Siltstone**			
		Fined grained medium grey mostly mm thick beds but some up to 2cm thick beds of siltstone interdedded with darker grey finer grained mudstones. No veining or sulfides.					
176.00	176.00	EOH	EOH	**End of Hole**			
	141.60	1471.70	STRC	GOUGE			Weak He alt in and surronding gouge 20cm on each side
	176.00	**EOH**		**End of hole.**			

VISUAL ESTIMATES AND ASSAY RESULTS

Sample	From	To	Len	Co est	Co ppm	Ag est	Ag gpt	Bi ppm	Ni ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	S %	$/t est	$/t act
E6544948	114.00	115.00	1.00		42.9		<1.0	0	149	95	7	79	<5	0.03		7
E6544949	115.00	116.00	1.00		39.6		<1.0	0	147	83	9	61	<5	0.03		6
E6544950	116.00	117.00	1.00		37.1		<1.0	0	135	300	12	55	<5	0.05	6	7
E6544951	117.00	118.00	1.00		38.8		<1.0	0	134	98	<5	55	6	0.03	7	6
E6544953	118.00	119.00	1.00		43.6		<1.0	0	153	99	<5	77	<5	0.04		7
E6544954	163.50	164.00	0.50		47.6		<1.0	0	172	98	7	82	<5	0.05		8
E6544955	164.00	165.00	1.00		47.0		<1.0	0	172	106	9	109	<5	0.04		8
E6544956	165.00	166.00	1.00		43.4		<1.0	0	140	96	10	96	<5	0.04		7
E6544957	166.00	166.85	0.85		43.7		<1.0	0	115	125	7	86	<5	0.05		7
E6544959	166.85	168.00	1.15		44.2		<1.0	0	77	68	7	45	<5	<0.01		6
E6544960	168.00	169.00	1.00		49.9		<1.0	0	67	217	7	33	<5	0.02		7
E6544961	169.00	170.00	1.00		52.4		<1.0	0	77	41	6	34	<5	<0.01		6
E6544962	170.00	171.00	1.00		56.9		<1.0	0	77	24	5	31	<5	<0.01		6

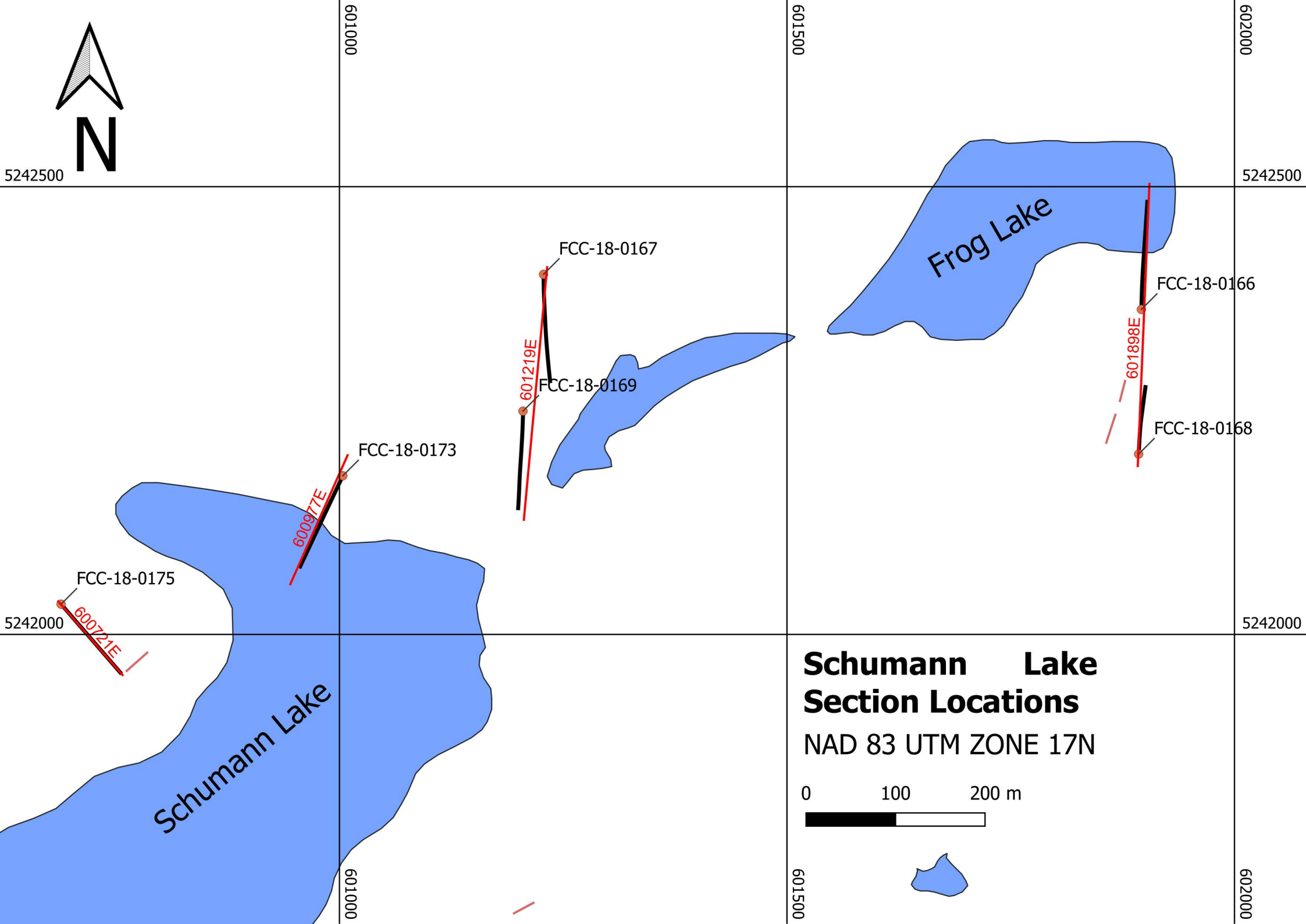
GEOTECHNICAL MEASUREMENTS

From	To	Len	TCR m	TCR %	RQD m	RQD %	Breaks	Comments
5.00	8.00	3.00	3.19					
8.00	11.00		2.95					
11.00	14.00		2.95					
14.00	17.00		2.96					
17.00	20.00		2.94					
20.00	23.00		3.07					
23.00	26.00		2.99					
26.00	29.00		2.97					
29.00	32.00		3.00					
32.00	35.00		3.00					
35.00	38.00		2.98					
38.00	41.00		3.00					
41.00	44.00		3.04					
44.00	47.00		2.90					
47.00	50.00		2.92					
50.00	53.00		2.84					
53.00	56.00		3.05					
56.00	59.00		2.84					
59.00	62.00		2.93					
62.00	65.00		3.10					
65.00	68.00		3.02					
68.00	71.00		2.92					
71.00	74.00		3.05					
74.00	77.00		3.01					
77.00	80.00		3.09					
80.00	83.00		2.99					
83.00	86.00		2.97					
86.00	89.00		3.03					
89.00	92.00		3.07					
92.00	95.00		2.95					
95.00	98.00		2.96					
98.00	101.00		2.93					
101.00	104.00		3.04					
104.00	107.00		2.80					
107.00	110.00		3.05					
110.00	113.00		3.04					
113.00	116.00		3.01					
116.00	119.00		2.86					
119.00	122.00		3.00					
122.00	125.00		3.03					
125.00	128.00		2.98					
128.00	131.00		3.02					
131.00	134.00		2.78					

134.00	137.00	2.98	
137.00	140.00	2.85	
140.00	143.00	2.95	
143.00	146.00	3.01	
146.00	149.00	3.04	
149.00	152.00	2.88	
152.00	155.00	2.91	
155.00	158.00	2.75	
158.00	161.00	3.07	
161.00	164.00	2.87	
164.00	167.00	2.98	
167.00	170.00	2.94	
170.00	173.00	2.97	
173.00	176.00	2.93	EOH

APPENDIX III

DRILL SECTIONS


N
601000
601500
602000
5242500
5242000
Frog Lake
Schumann Lake
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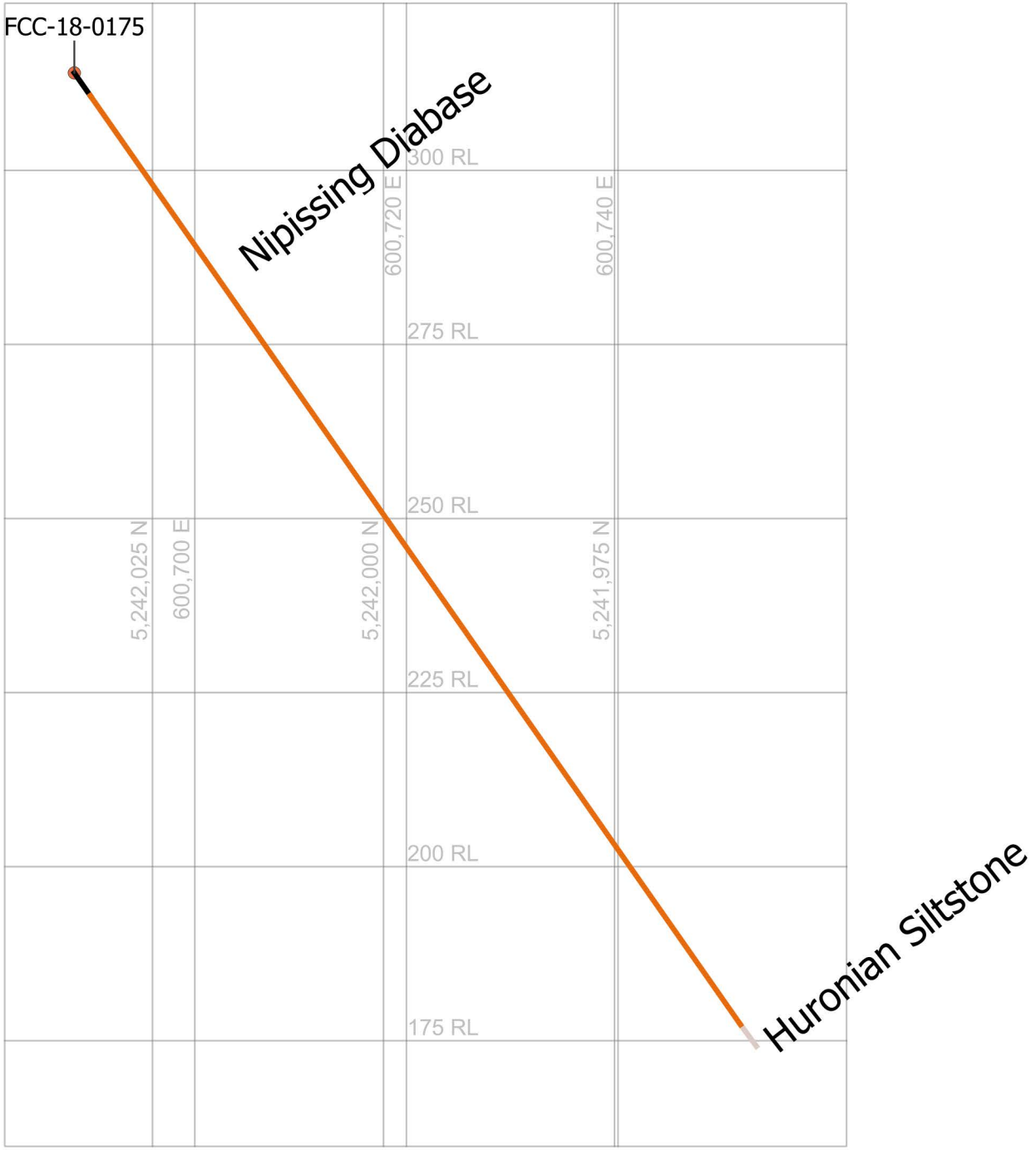
FCC-18-0169
FCC-18-0166
FCC-18-0168
FCC-18-0173
FCC-18-0175
601219E
601898E
600977E
600721E
Schumann Lake
Section Locations
NAD 83 UTM ZONE 17N
0
100
200 m



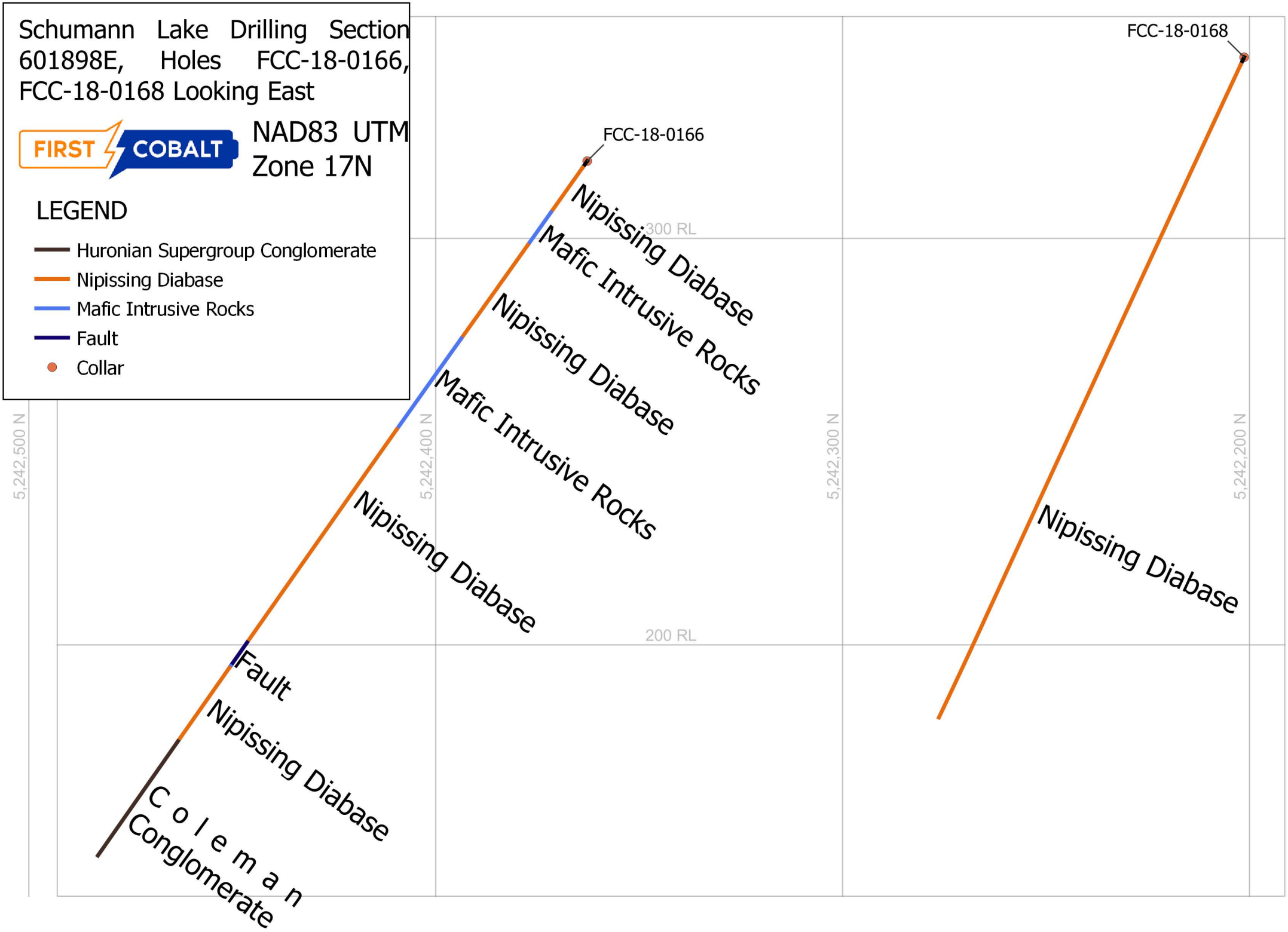
Schumann Lake Drilling Section 600721E, Hole FCC-18-0175 Looking Northeast

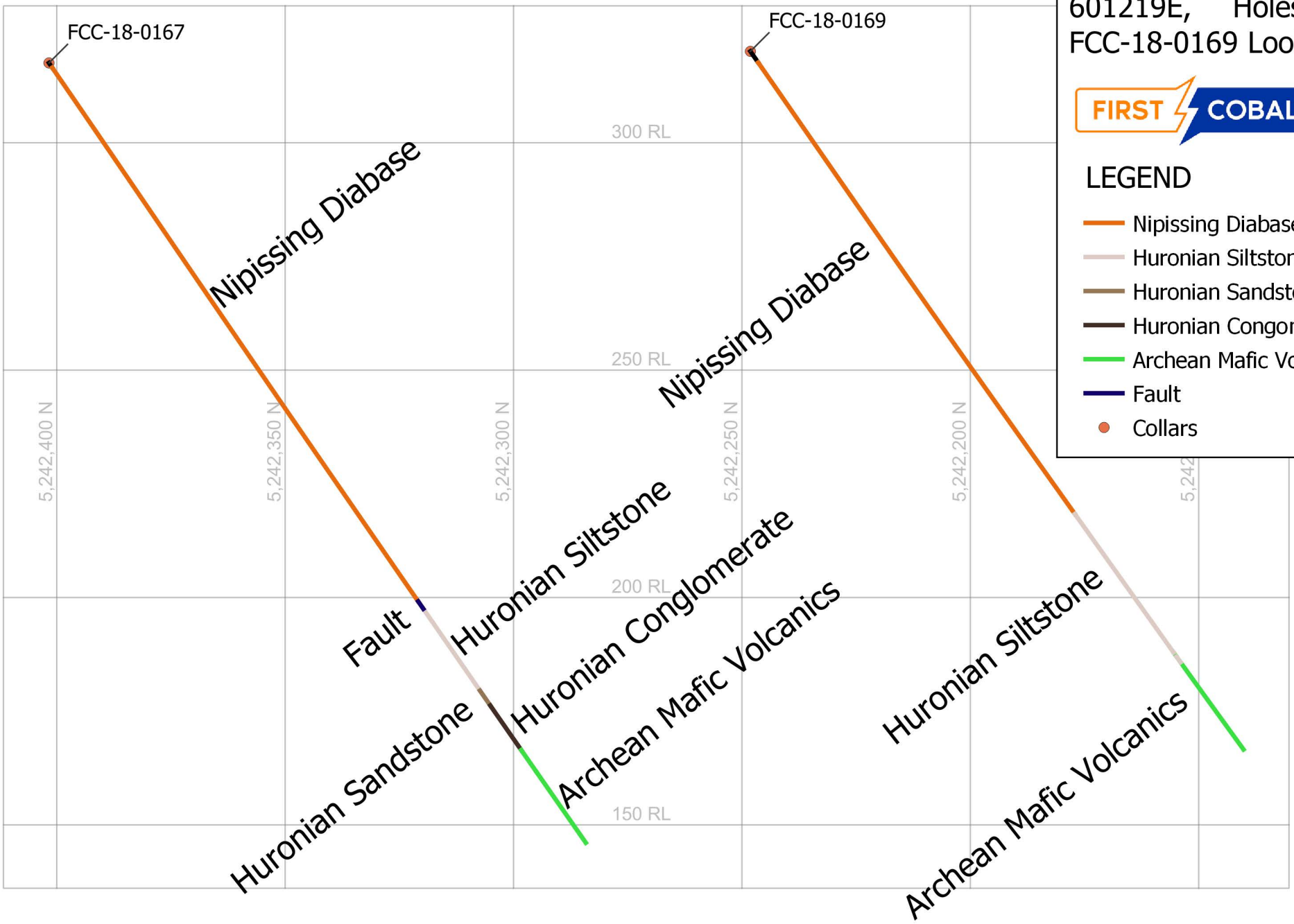
FIRST COBALT

NAD83 UTM Zone 17N

Legend

- Nipissing Diabase
- Huronian Siltstone
- Collars


Schumann Lake Drilling Section 601898E, Holes FCC-18-0166, FCC-18-0168 Looking East
FIRST COBALT
NAD83 UTM Zone 17N
LEGEND
Huronian Supergroup Conglomerate
Nipissing Diabase
Mafic Intrusive Rocks
Fault
Collar
FCC-18-0166
FCC-18-0168
300 RL
200 RL
5,242,500 N
5,242,400 N
5,242,300 N
5,242,200 N
Nipissing Diabase
Mafic Intrusive Rocks
Nipissing Diabase
Mafic Intrusive Rocks
Nipissing Diabase
Fault
Nipissing Diabase
Coleman Conglomerate
Nipissing Diabase



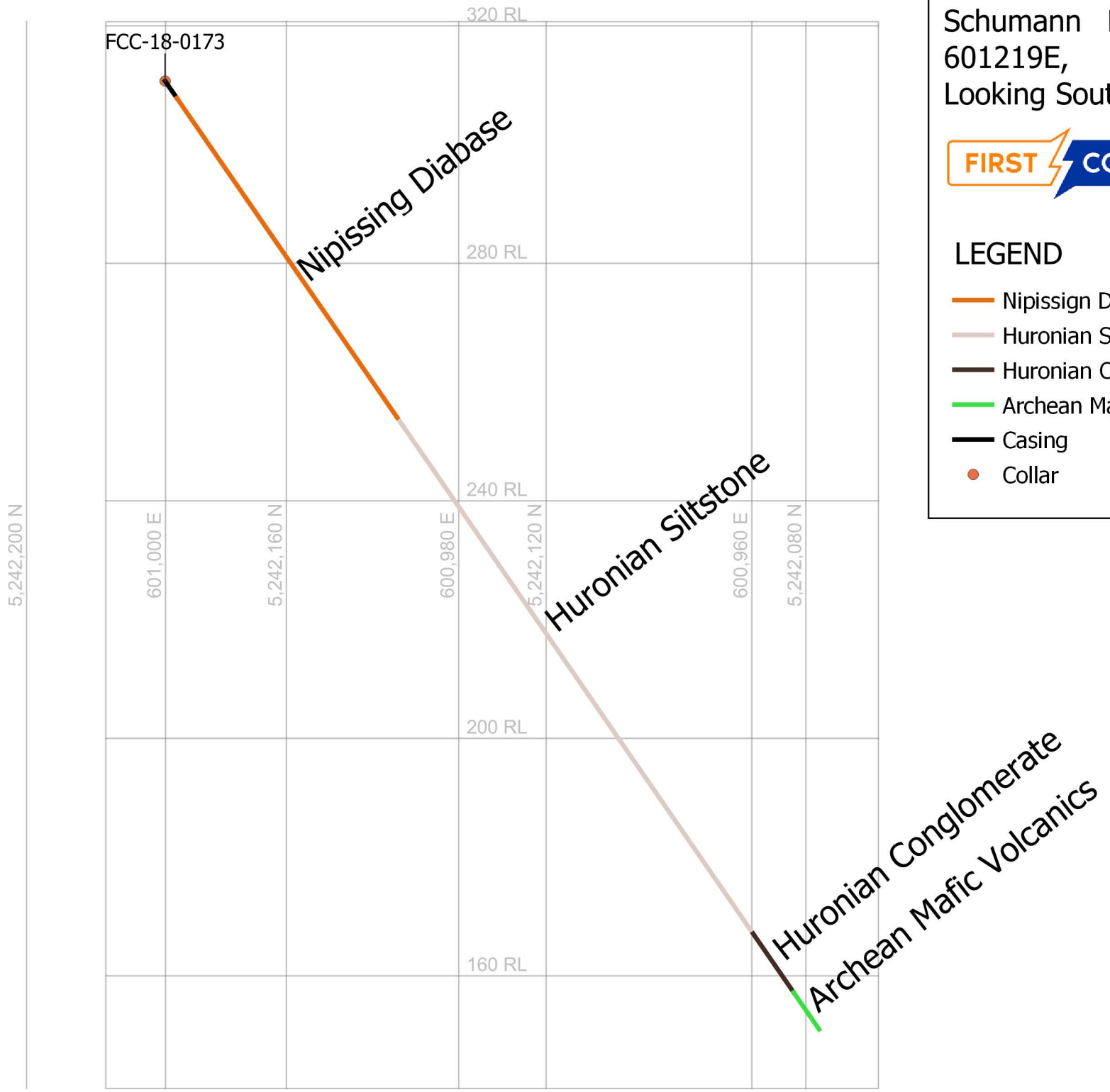
Schumann Lake Drilling Section 601219E, Holes FCC-18-0167, FCC-18-0169 Looking East

FIRST COBALT

NAD83 UTM Zone 17N

LEGEND

- Nipissing Diabase
- Huronian Siltstone
- Huronian Sandstone
- Huronian Congomerate
- Archean Mafic Volcanics
- Fault
- Collars



Schumann Lake Drilling Section
601219E, Hole FCC-18-0173
Looking Southeast

NAD83 UTM Zone 17N

LEGEND

- Nipissign Diabase
- Huronian Siltstone
- Huronian Conglomerate
- Archean Mafic Volcanics
- Casing
- Collar

APPENDIX IV

ASSAY CERTIFICATES

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: FIRST COBALT CORP
488-1090 W GEORGIA
VANCOUVER, BC V6E 3V7
604-687-7130

ATTENTION TO: FRANK SANTAGUIDA

PROJECT: DDH-251

AGAT WORK ORDER: 18B413917

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Dec 20, 2018

PAGES (INCLUDING COVER): 29

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested and to all the items tested

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

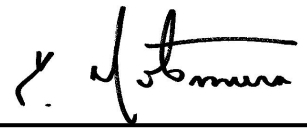
ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E5723263 (9740946)	2.65
E5723264 (9740947)	3.00
E5723265 (9740948)	2.76
E5723266 (9740949)	0.01
E5723267 (9740950)	2.52
E5723268 (9740951)	2.64
E5723269 (9740952)	2.38
E5723270 (9740953)	3.09
E5723271 (9740954)	0.75
E5723272 (9740955)	1.64
E5723273 (9740956)	1.96
E5723274 (9740957)	3.02
E5723275 (9740958)	3.15
E5723276 (9740959)	3.48
E5723277 (9740960)	2.69
E5723278 (9740961)	2.69
E5723279 (9740962)	2.53
E5723280 (9740963)	2.62
E5723281 (9740964)	2.96
E5723282 (9740965)	3.16
E5723283 (9740966)	2.36
E5723284 (9740967)	3.08
E5723285 (9740968)	2.60
E5723286 (9740969)	0.01
E5723287 (9740970)	3.15
E5723288 (9740971)	3.05
E5723289 (9740972)	1.30
E5723290 (9740973)	1.73
E5723291 (9740974)	1.52
E5723292 (9740975)	1.64
E5723293 (9740976)	1.09

Certified By:



Results relate only to the items tested and to all the items tested

AGAT Laboratories
5623 McADAM ROAD
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TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E5723294 (9740977)	3.10
E5723295 (9740978)	2.93
E5723296 (9740979)	2.26
E5723297 (9740980)	2.30
E5723298 (9740981)	1.06
E5723299 (9740982)	1.09
E5723300 (9740983)	1.06
E5723301 (9740984)	2.24
E5723302 (9740985)	1.57
E5723303 (9740986)	1.20
E5723304 (9740987)	1.50
E5723305 (9740988)	2.09
E5723306 (9740989)	0.01
E5723307 (9740990)	2.18
E5723308 (9740991)	1.99
E5723309 (9740992)	2.13
E5723310 (9740993)	2.16
E5723311 (9740994)	2.34
E5723312 (9740995)	1.69
E5723313 (9740996)	2.26
E5723314 (9740997)	1.87
E5723315 (9740998)	2.07
E5723316 (9740999)	2.36
E5723317 (9741000)	2.10
E5723318 (9741001)	0.93
E5723319 (9741002)	1.62
E5723320 (9741003)	0.88
E5723321 (9741004)	1.72
E5723322 (9741005)	2.05
E5723323 (9741006)	2.11
E5723324 (9741007)	2.08

Certified By:

Results relate only to the items tested and to all the items tested

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E5723325 (9741008)	2.05
E5723326 (9741009)	0.01
E5723327 (9741010)	2.10
E5723328 (9741011)	2.09
E5723329 (9741012)	2.10
E5723330 (9741013)	2.07
E5723331 (9741014)	2.14
E5723332 (9741015)	1.49
E5723333 (9741016)	2.04
E5723334 (9741017)	1.96
E5723335 (9741018)	2.09
E5723336 (9741019)	1.94
E5723337 (9741020)	2.10
E5723338 (9741021)	1.06
E5723339 (9741022)	2.11
E5723340 (9741023)	2.08
E5723341 (9741024)	2.23
E5723342 (9741025)	2.12
E5723343 (9741026)	2.12
E5723344 (9741027)	2.11

Comments: RDL - Reported Detection Limit

Certified By:

Results relate only to the items tested and to all the items tested

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E5723263 (9740946)	<1	8.91	<5	37	123	<5	<0.1	9.49	0.2	9.4	34.5	0.023	1.2	114
E5723264 (9740947)	<1	8.30	<5	28	38.5	<5	0.3	9.07	3.3	8.4	31.9	0.023	0.4	69
E5723265 (9740948)	<1	8.90	<5	21	17.4	<5	0.5	6.74	2.2	9.4	39.0	0.022	0.4	134
E5723266 (9740949)	<1	4.57	577	126	168	<5	8.2	4.09	<0.2	74.3	998	0.006	3.0	2980
E5723267 (9740950)	<1	9.15	<5	<20	23.1	<5	0.5	3.98	0.5	9.8	42.7	0.021	0.4	80
E5723268 (9740951)	<1	9.01	<5	21	15.8	<5	0.3	4.34	<0.2	9.2	42.3	0.021	0.3	85
E5723269 (9740952)	<1	7.68	19	22	108	<5	0.1	6.32	1.9	24.6	48.2	0.019	0.5	142
E5723270 (9740953)	<1	8.76	17	<20	45.5	<5	0.7	4.39	1.0	28.5	38.7	0.022	0.4	121
E5723271 (9740954)	<1	9.06	<5	<20	23.0	<5	<0.1	1.67	0.2	5.5	26.1	0.016	0.2	24
E5723272 (9740955)	<1	0.11	<5	<20	40.6	<5	<0.1	34.2	<0.2	1.0	0.9	<0.005	<0.1	7
E5723273 (9740956)	<1	9.19	33	20	66.6	<5	0.5	5.02	0.2	12.4	42.4	0.021	0.3	48
E5723274 (9740957)	<1	9.26	20	30	239	<5	0.5	6.71	0.6	9.2	38.3	0.020	0.9	122
E5723275 (9740958)	<1	7.85	<5	32	88.9	<5	<0.1	8.02	<0.2	11.2	48.9	0.034	1.8	106
E5723276 (9740959)	<1	7.49	<5	21	59.5	<5	<0.1	7.57	0.2	11.1	46.5	0.032	1.0	87
E5723277 (9740960)	<1	7.72	<5	<20	84.3	<5	<0.1	7.91	0.2	11.2	47.4	0.033	1.9	104
E5723278 (9740961)	<1	7.59	<5	22	85.7	<5	<0.1	7.94	0.2	11.2	48.4	0.034	2.0	99
E5723279 (9740962)	<1	7.76	<5	24	102	<5	<0.1	8.58	0.3	11.2	47.3	0.035	1.8	107
E5723280 (9740963)	<1	7.93	<5	25	105	<5	<0.1	8.49	<0.2	10.8	47.0	0.035	2.0	101
E5723281 (9740964)	<1	7.90	<5	30	88.6	<5	0.1	8.37	0.2	10.6	47.3	0.034	1.5	102
E5723282 (9740965)	<1	7.66	<5	30	116	<5	0.2	7.64	0.4	12.5	44.5	0.033	1.4	97
E5723283 (9740966)	<1	7.69	<5	23	99.3	<5	<0.1	7.82	0.4	11.6	48.3	0.034	1.9	107
E5723284 (9740967)	<1	7.78	<5	23	110	<5	<0.1	8.08	0.5	11.6	47.1	0.034	2.1	109
E5723285 (9740968)	<1	7.69	<5	24	144	<5	<0.1	7.92	0.6	11.6	48.3	0.033	1.9	102
E5723286 (9740969)	<1	4.56	580	126	171	<5	8.0	4.10	<0.2	72.9	1020	0.006	2.7	2900
E5723287 (9740970)	<1	7.79	<5	22	93.7	<5	0.3	8.04	0.3	11.1	50.3	0.034	1.9	106
E5723288 (9740971)	<1	7.49	<5	22	164	<5	<0.1	8.37	0.4	12.1	48.2	0.032	2.4	109
E5723289 (9740972)	<1	7.72	<5	24	93.2	<5	<0.1	7.56	0.2	11.4	48.3	0.033	2.5	106
E5723290 (9740973)	<1	7.46	<5	31	106	<5	<0.1	6.09	0.3	12.5	48.0	0.031	2.0	109
E5723291 (9740974)	2	3.49	<5	59	396	<5	<0.1	9.27	0.3	145	85.8	0.045	2.4	119
E5723292 (9740975)	<1	0.06	<5	<20	22.9	<5	<0.1	35.1	<0.2	0.9	1.0	<0.005	<0.1	5
E5723293 (9740976)	<1	7.26	<5	<20	57.7	<5	0.1	8.33	0.2	11.2	47.1	0.031	0.8	130
E5723294 (9740977)	<1	7.31	<5	29	23.4	<5	0.4	6.49	<0.2	12.2	48.0	0.029	0.3	84

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E5723295 (9740978)	<1	7.49	<5	<20	58.5	<5	0.2	7.37	<0.2	10.8	48.1	0.032	1.5	129
E5723296 (9740979)	<1	7.33	<5	20	114	<5	0.1	7.82	<0.2	12.9	49.9	0.023	1.8	118
E5723297 (9740980)	<1	7.50	<5	22	96.6	<5	0.1	7.23	0.2	13.2	48.0	0.022	1.8	118
E5723298 (9740981)	<1	7.71	<5	24	102	<5	0.1	7.31	<0.2	12.5	44.5	0.022	1.8	123
E5723299 (9740982)	<1	9.15	<5	26	246	<5	<0.1	0.61	<0.2	55.2	20.0	0.015	2.0	21
E5723300 (9740983)	<1	9.83	<5	42	292	5	<0.1	0.62	<0.2	131	18.0	0.016	2.9	118
E5723301 (9740984)	<1	9.80	<5	48	318	5	<0.1	0.37	<0.2	58.7	16.2	0.016	3.1	9
E5723302 (9740985)	<1	10.4	<5	53	332	5	<0.1	0.46	<0.2	201	18.2	0.016	3.3	14
E5723303 (9740986)	<1	6.31	7	<20	19.5	<5	<0.1	0.95	<0.2	7.3	7.4	0.013	0.3	5
E5723304 (9740987)	<1	5.09	<5	<20	18.2	<5	<0.1	0.83	<0.2	5.6	4.9	0.018	0.4	6
E5723305 (9740988)	<1	4.82	<5	<20	4.8	<5	<0.1	0.11	<0.2	2.5	4.1	0.022	0.1	<5
E5723306 (9740989)	<1	4.51	576	127	175	<5	8.1	4.14	<0.2	72.4	987	0.006	2.7	2970
E5723307 (9740990)	<1	5.07	<5	<20	5.5	<5	0.3	0.16	<0.2	2.5	3.7	0.024	0.1	<5
E5723308 (9740991)	<1	5.04	<5	<20	4.3	<5	<0.1	0.16	<0.2	3.4	4.4	0.025	0.1	<5
E5723309 (9740992)	<1	4.62	<5	<20	4.3	<5	<0.1	0.08	<0.2	2.1	3.2	0.026	0.1	<5
E5723310 (9740993)	<1	4.83	<5	<20	4.8	<5	<0.1	0.10	<0.2	1.5	3.1	0.025	0.2	<5
E5723311 (9740994)	<1	5.20	<5	<20	6.5	<5	<0.1	0.18	<0.2	170	3.2	0.023	0.2	<5
E5723312 (9740995)	<1	0.06	<5	<20	21.7	<5	<0.1	34.1	<0.2	0.8	0.8	<0.005	<0.1	5
E5723313 (9740996)	<1	5.08	<5	<20	6.0	<5	<0.1	0.17	<0.2	5.9	3.2	0.025	0.1	<5
E5723314 (9740997)	<1	5.20	<5	<20	6.3	<5	<0.1	1.43	<0.2	2.9	2.9	0.025	0.2	<5
E5723315 (9740998)	<1	5.18	<5	<20	5.6	<5	<0.1	0.40	<0.2	1.5	2.9	0.027	0.1	<5
E5723316 (9740999)	<1	5.45	<5	<20	5.6	<5	<0.1	0.63	<0.2	1.8	3.7	0.026	0.2	<5
E5723317 (9741000)	<1	6.12	<5	<20	5.6	<5	<0.1	0.20	<0.2	2.5	4.6	0.029	0.1	<5
E5723318 (9741001)	<1	6.05	<5	<20	5.8	<5	<0.1	0.24	<0.2	2.7	4.5	0.024	0.3	<5
E5723319 (9741002)	<1	6.06	<5	<20	6.3	<5	<0.1	0.21	<0.2	2.3	3.8	0.025	0.1	6
E5723320 (9741003)	<1	6.64	<5	<20	7.1	<5	<0.1	0.18	<0.2	5.8	7.0	0.021	0.2	5
E5723321 (9741004)	<1	6.32	<5	<20	6.4	<5	<0.1	0.20	<0.2	3.5	7.3	0.024	0.2	<5
E5723322 (9741005)	<1	7.05	<5	<20	7.5	<5	<0.1	0.87	<0.2	4.1	12.4	0.019	0.3	7
E5723323 (9741006)	<1	6.49	<5	<20	6.9	<5	<0.1	1.03	<0.2	3.7	10.1	0.020	0.3	7
E5723324 (9741007)	<1	7.32	<5	<20	10.3	<5	<0.1	0.89	<0.2	5.3	14.5	0.017	0.4	8
E5723325 (9741008)	<1	5.42	<5	<20	4.9	<5	<0.1	1.18	<0.2	56.7	9.4	0.019	0.2	7
E5723326 (9741009)	<1	4.57	605	125	176	<5	8.1	4.13	<0.2	71.9	1020	0.006	2.8	3020

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

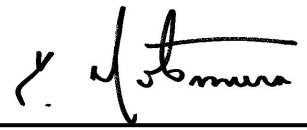
ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E5723327 (9741010)	<1	5.71	<5	<20	5.9	<5	0.3	0.40	<0.2	7.2	10.9	0.019	0.4	8
E5723328 (9741011)	<1	5.98	<5	<20	6.3	<5	<0.1	0.44	<0.2	4.4	12.1	0.020	0.4	8
E5723329 (9741012)	<1	6.48	<5	<20	7.5	<5	<0.1	0.41	<0.2	59.7	12.9	0.019	0.3	8
E5723330 (9741013)	<1	6.55	<5	<20	7.1	<5	<0.1	0.63	<0.2	4.0	12.3	0.018	0.3	7
E5723331 (9741014)	<1	6.69	<5	<20	7.4	<5	<0.1	0.32	<0.2	4.3	12.7	0.017	0.4	7
E5723332 (9741015)	<1	0.06	<5	<20	31.3	<5	<0.1	33.9	<0.2	0.8	1.1	<0.005	<0.1	7
E5723333 (9741016)	<1	6.52	<5	<20	7.1	<5	<0.1	0.36	<0.2	3.6	11.1	0.016	0.3	6
E5723334 (9741017)	<1	6.54	<5	<20	6.8	<5	<0.1	0.27	<0.2	3.2	10.7	0.017	0.2	6
E5723335 (9741018)	<1	6.22	<5	<20	6.3	<5	<0.1	0.23	<0.2	3.0	8.7	0.017	0.2	6
E5723336 (9741019)	<1	6.13	<5	<20	5.4	<5	<0.1	0.22	<0.2	18.0	8.1	0.018	0.3	5
E5723337 (9741020)	<1	6.11	<5	<20	4.9	<5	<0.1	0.22	<0.2	3.7	8.0	0.018	0.2	5
E5723338 (9741021)	<1	6.05	<5	<20	5.1	<5	<0.1	0.20	<0.2	3.9	8.1	0.019	0.2	<5
E5723339 (9741022)	<1	6.27	<5	<20	5.1	<5	<0.1	0.22	<0.2	3.9	8.4	0.021	0.3	5
E5723340 (9741023)	<1	6.52	<5	<20	5.9	<5	<0.1	0.22	<0.2	4.1	9.2	0.017	0.2	6
E5723341 (9741024)	<1	6.39	<5	<20	5.3	<5	<0.1	0.24	<0.2	3.9	9.4	0.018	0.2	6
E5723342 (9741025)	<1	6.89	<5	<20	6.6	<5	<0.1	0.28	<0.2	3.2	10.6	0.016	0.2	6
E5723343 (9741026)	<1	7.34	<5	<20	6.4	<5	<0.1	0.32	<0.2	3.1	12.0	0.016	0.3	6
E5723344 (9741027)	<1	7.29	<5	<20	6.7	<5	<0.1	0.32	<0.2	3.5	12.1	0.013	0.3	7

Certified By:



Results relate only to the items tested and to all the items tested

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E5723263 (9740946)	2.13	1.21	0.54	5.30	14.5	1.90	1	1	0.46	<0.2	0.80	4.5	44	0.20
E5723264 (9740947)	1.79	1.19	0.54	5.94	16.0	1.68	2	<1	0.42	<0.2	0.19	4.0	45	0.17
E5723265 (9740948)	2.04	1.17	0.55	6.98	16.2	1.75	1	1	0.45	<0.2	0.08	4.5	61	0.18
E5723266 (9740949)	3.42	1.91	1.04	3.21	11.6	4.48	2	5	0.70	0.3	3.24	36.6	11	0.31
E5723267 (9740950)	1.93	1.22	0.46	7.78	12.5	1.83	1	1	0.42	<0.2	0.13	4.7	74	0.19
E5723268 (9740951)	1.98	1.13	0.44	7.72	13.2	1.76	1	1	0.42	<0.2	0.07	4.3	74	0.19
E5723269 (9740952)	3.99	2.29	1.04	7.55	16.7	3.81	2	2	0.86	<0.2	0.45	11.6	31	0.36
E5723270 (9740953)	4.30	2.54	1.05	6.44	17.0	4.34	2	3	0.92	<0.2	0.08	13.6	38	0.38
E5723271 (9740954)	1.20	0.54	0.22	4.10	8.72	1.06	<1	<1	0.24	<0.2	<0.05	2.5	29	0.09
E5723272 (9740955)	0.88	0.62	<0.05	0.07	0.33	0.41	1	<1	0.21	<0.2	<0.05	1.1	<10	0.10
E5723273 (9740956)	2.21	1.26	0.66	7.31	15.5	2.11	2	1	0.47	<0.2	0.15	6.0	49	0.18
E5723274 (9740957)	1.97	1.26	0.52	5.98	14.9	1.83	2	1	0.42	<0.2	0.89	4.4	47	0.18
E5723275 (9740958)	2.39	1.34	0.59	6.77	13.7	2.09	2	1	0.52	<0.2	0.49	5.3	29	0.22
E5723276 (9740959)	2.16	1.25	0.58	6.54	13.8	2.04	2	1	0.49	<0.2	0.25	5.3	35	0.20
E5723277 (9740960)	2.22	1.34	0.56	6.60	14.1	2.03	2	1	0.48	<0.2	0.44	5.3	30	0.20
E5723278 (9740961)	2.32	1.38	0.80	6.44	14.2	2.11	2	1	0.51	<0.2	0.44	5.3	25	0.21
E5723279 (9740962)	2.31	1.39	0.59	6.70	14.2	2.01	2	1	0.48	<0.2	0.49	5.2	30	0.19
E5723280 (9740963)	2.25	1.30	0.58	6.63	13.7	2.00	1	<1	0.50	<0.2	0.53	5.2	25	0.20
E5723281 (9740964)	2.37	1.34	0.59	6.58	14.0	2.04	2	<1	0.50	<0.2	0.41	5.1	33	0.19
E5723282 (9740965)	2.79	1.58	0.65	6.48	15.2	2.49	2	1	0.56	<0.2	0.54	6.0	41	0.24
E5723283 (9740966)	2.17	1.25	0.60	6.73	14.0	2.03	2	1	0.48	<0.2	0.54	5.8	42	0.20
E5723284 (9740967)	2.19	1.28	0.54	6.61	14.0	2.03	2	1	0.46	<0.2	0.56	5.7	38	0.19
E5723285 (9740968)	2.27	1.28	0.58	6.40	14.3	2.02	2	<1	0.47	<0.2	0.57	5.7	32	0.19
E5723286 (9740969)	3.42	1.90	1.04	3.22	11.8	4.29	2	5	0.70	0.3	3.20	36.9	10	0.32
E5723287 (9740970)	2.35	1.30	0.55	6.64	14.7	2.00	2	1	0.48	<0.2	0.55	5.3	26	0.19
E5723288 (9740971)	2.27	1.34	0.64	6.35	13.9	2.10	2	1	0.48	<0.2	0.55	5.8	31	0.20
E5723289 (9740972)	2.20	1.34	0.63	6.65	14.2	2.07	2	1	0.48	<0.2	0.61	5.5	26	0.21
E5723290 (9740973)	1.93	1.08	0.54	7.16	14.0	1.81	1	1	0.42	<0.2	0.99	6.1	74	0.18
E5723291 (9740974)	7.23	2.43	4.40	10.9	18.5	12.7	2	10	1.18	<0.2	0.74	64.5	65	0.23
E5723292 (9740975)	0.22	0.15	<0.05	0.08	0.22	0.24	1	<1	0.05	<0.2	<0.05	1.1	<10	<0.05
E5723293 (9740976)	2.18	1.36	0.53	6.34	13.3	1.94	1	1	0.48	<0.2	0.30	5.2	47	0.20
E5723294 (9740977)	2.37	1.33	0.61	7.24	13.4	2.15	2	1	0.49	<0.2	0.09	5.8	47	0.20

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E5723295 (9740978)	2.25	1.41	0.59	6.63	13.3	1.98	2	1	0.50	<0.2	0.32	5.0	32	0.21
E5723296 (9740979)	2.56	1.54	0.67	7.12	14.6	2.24	2	1	0.55	<0.2	0.74	6.0	40	0.25
E5723297 (9740980)	2.55	1.64	0.67	7.17	15.1	2.47	2	1	0.60	<0.2	0.62	6.1	34	0.27
E5723298 (9740981)	2.49	1.51	0.66	7.45	14.1	2.37	2	1	0.56	<0.2	0.67	5.8	34	0.24
E5723299 (9740982)	3.90	2.08	0.94	5.37	23.6	4.68	2	5	0.75	<0.2	2.09	27.0	78	0.32
E5723300 (9740983)	5.39	2.65	1.60	5.85	26.3	7.10	2	5	0.99	<0.2	3.02	67.6	75	0.39
E5723301 (9740984)	3.23	2.05	0.85	5.39	27.8	4.22	2	5	0.68	<0.2	3.25	29.8	76	0.35
E5723302 (9740985)	3.62	2.20	1.47	5.99	36.6	6.78	2	6	0.74	<0.2	3.48	94.8	90	0.41
E5723303 (9740986)	1.48	0.84	0.30	1.86	22.2	1.34	<1	3	0.31	<0.2	0.19	3.2	17	0.13
E5723304 (9740987)	1.07	0.59	0.23	1.69	19.0	0.96	<1	3	0.23	<0.2	0.17	2.2	17	0.10
E5723305 (9740988)	0.71	0.39	0.15	1.35	16.3	0.72	<1	2	0.16	<0.2	0.05	1.0	14	0.05
E5723306 (9740989)	3.48	1.96	1.01	3.21	11.7	4.41	2	5	0.70	0.3	3.19	36.0	<10	0.31
E5723307 (9740990)	0.79	0.43	0.17	1.33	16.4	0.68	<1	3	0.16	<0.2	0.10	0.8	13	0.06
E5723308 (9740991)	0.95	0.49	0.16	1.27	17.3	0.89	<1	4	0.20	<0.2	0.09	1.4	16	0.06
E5723309 (9740992)	0.70	0.38	0.12	1.18	15.5	0.63	<1	2	0.14	<0.2	0.07	0.8	14	0.06
E5723310 (9740993)	0.68	0.37	0.10	1.12	17.0	0.49	<1	2	0.15	<0.2	0.06	0.5	13	0.05
E5723311 (9740994)	1.46	0.61	0.65	1.07	17.3	3.11	1	2	0.27	<0.2	0.10	96.7	12	0.07
E5723312 (9740995)	0.21	0.11	<0.05	0.06	0.20	0.21	2	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
E5723313 (9740996)	0.69	0.37	0.13	1.21	18.2	0.69	<1	3	0.15	<0.2	0.13	2.9	13	0.05
E5723314 (9740997)	0.66	0.36	0.11	1.02	21.1	0.57	<1	2	0.14	<0.2	0.09	1.4	12	0.06
E5723315 (9740998)	0.73	0.40	0.14	1.05	21.4	0.53	<1	2	0.15	<0.2	0.09	0.6	14	0.06
E5723316 (9740999)	1.43	0.72	0.20	1.32	21.6	1.02	<1	2	0.30	<0.2	0.08	0.6	14	0.10
E5723317 (9741000)	1.86	1.00	0.24	1.76	22.7	1.26	<1	3	0.38	<0.2	0.09	0.8	17	0.11
E5723318 (9741001)	2.53	1.32	0.35	1.64	23.9	1.86	<1	3	0.50	<0.2	0.10	0.8	17	0.14
E5723319 (9741002)	1.23	0.66	0.13	1.41	19.3	0.72	<1	3	0.26	<0.2	0.10	0.8	17	0.09
E5723320 (9741003)	1.85	1.00	0.29	2.51	23.0	1.38	<1	3	0.38	<0.2	0.06	2.2	27	0.13
E5723321 (9741004)	1.66	0.90	0.26	2.53	21.3	1.26	<1	3	0.35	<0.2	<0.05	0.9	29	0.11
E5723322 (9741005)	2.74	1.36	0.52	4.30	24.5	2.50	1	3	0.57	<0.2	0.08	1.2	43	0.20
E5723323 (9741006)	1.76	0.95	0.47	3.54	20.0	1.78	1	3	0.34	<0.2	0.06	1.0	42	0.15
E5723324 (9741007)	2.30	1.32	0.48	4.49	23.4	2.13	1	3	0.48	<0.2	0.09	1.9	48	0.24
E5723325 (9741008)	3.14	1.56	0.58	3.04	17.2	2.63	<1	2	0.60	<0.2	<0.05	32.3	37	0.18
E5723326 (9741009)	3.43	1.98	1.06	3.27	12.1	4.51	2	5	0.69	0.3	3.21	35.5	13	0.31

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E5723327 (9741010)	3.50	1.78	0.57	3.40	17.9	2.60	1	3	0.69	<0.2	0.05	2.4	42	0.21
E5723328 (9741011)	1.51	0.88	0.32	3.81	19.3	1.58	1	3	0.31	<0.2	0.05	1.4	43	0.15
E5723329 (9741012)	1.34	0.79	0.36	3.92	19.7	1.68	1	3	0.28	<0.2	0.05	36.1	45	0.15
E5723330 (9741013)	1.33	0.75	0.23	3.82	18.3	1.26	1	3	0.25	<0.2	0.05	1.5	41	0.15
E5723331 (9741014)	1.50	0.74	0.28	3.95	19.1	1.52	<1	3	0.29	<0.2	0.09	1.5	48	0.14
E5723332 (9741015)	0.23	0.14	<0.05	0.09	0.28	0.20	1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
E5723333 (9741016)	1.29	0.65	0.23	3.38	18.3	1.14	<1	3	0.25	<0.2	0.08	1.3	41	0.10
E5723334 (9741017)	0.60	0.42	0.15	3.21	18.3	0.60	<1	3	0.14	<0.2	0.06	1.1	36	0.09
E5723335 (9741018)	0.54	0.34	0.17	2.70	16.9	0.62	<1	3	0.12	<0.2	0.08	0.9	37	0.08
E5723336 (9741019)	0.69	0.36	0.23	2.42	16.5	0.85	<1	3	0.14	<0.2	0.09	10.4	27	0.07
E5723337 (9741020)	0.63	0.33	0.23	2.32	16.2	0.72	<1	3	0.12	<0.2	0.10	0.8	28	0.06
E5723338 (9741021)	0.52	0.32	0.23	2.30	16.0	0.73	<1	3	0.12	<0.2	0.07	0.9	29	0.07
E5723339 (9741022)	0.52	0.30	0.26	2.40	16.4	0.61	<1	3	0.11	<0.2	0.10	1.1	29	0.06
E5723340 (9741023)	0.41	0.29	0.18	2.65	17.1	0.62	1	3	0.09	<0.2	0.11	1.2	34	0.07
E5723341 (9741024)	0.50	0.29	0.19	2.75	16.7	0.62	<1	4	0.11	<0.2	0.09	1.0	36	0.08
E5723342 (9741025)	0.59	0.40	0.16	3.01	17.7	0.69	1	4	0.13	<0.2	0.09	1.0	38	0.09
E5723343 (9741026)	0.68	0.42	0.22	3.48	18.5	0.66	1	5	0.15	<0.2	0.07	1.1	44	0.10
E5723344 (9741027)	0.55	0.36	0.22	3.54	18.2	0.65	1	5	0.12	<0.2	0.10	1.4	47	0.11

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E5723263 (9740946)	4.00	1120	3	1	5.6	102	0.02	27	1.29	32.8	0.05	0.2	30	22.9
E5723264 (9740947)	3.36	1050	5	1	5.0	87	0.02	160	1.10	7.8	0.09	0.3	28	23.9
E5723265 (9740948)	3.92	1180	3	1	5.5	99	0.02	286	1.24	2.3	0.07	0.2	30	23.8
E5723266 (9740949)	2.52	464	12	8	33.3	163	0.07	13	8.84	109	1.55	1.6	7	27.4
E5723267 (9740950)	4.99	1240	3	1	5.6	112	0.02	97	1.31	2.7	0.03	0.2	32	22.4
E5723268 (9740951)	4.82	1260	<2	1	5.4	112	0.02	103	1.23	1.6	0.04	0.1	31	23.8
E5723269 (9740952)	4.03	1620	<2	6	13.9	63	0.04	52	3.19	20.0	0.14	0.4	40	23.7
E5723270 (9740953)	3.99	1290	<2	6	15.9	77	0.04	47	3.69	1.5	0.02	0.3	45	23.8
E5723271 (9740954)	2.98	924	<2	1	3.4	60	0.02	<5	0.73	0.7	<0.01	0.2	25	27.7
E5723272 (9740955)	1.21	<10	<2	21	1.0	<5	<0.01	<5	0.22	1.5	0.09	<0.1	<5	4.74
E5723273 (9740956)	4.71	1570	<2	2	6.7	111	0.02	40	1.58	4.1	0.02	0.5	33	23.3
E5723274 (9740957)	4.28	1290	<2	1	5.2	106	0.02	51	1.21	42.5	0.05	0.5	32	23.7
E5723275 (9740958)	5.25	1320	<2	2	6.5	152	0.02	7	1.46	21.1	0.06	0.1	36	24.0
E5723276 (9740959)	4.89	1210	2	2	6.5	142	0.02	14	1.37	11.1	0.06	0.2	33	23.4
E5723277 (9740960)	5.20	1200	2	2	6.5	149	0.02	8	1.47	19.6	0.09	0.2	35	23.5
E5723278 (9740961)	4.96	1190	2	2	6.6	148	0.02	6	1.49	20.9	0.07	0.1	35	23.2
E5723279 (9740962)	5.21	1280	3	2	6.5	149	0.02	8	1.49	23.1	0.05	0.2	35	23.7
E5723280 (9740963)	5.01	1260	2	2	6.5	151	0.02	<5	1.44	25.0	0.07	0.2	36	24.0
E5723281 (9740964)	5.05	1230	2	1	6.2	143	0.02	<5	1.45	19.2	0.06	0.2	35	23.7
E5723282 (9740965)	5.19	1190	3	2	7.7	138	0.02	51	1.67	24.2	0.07	0.4	33	23.0
E5723283 (9740966)	5.33	1170	<2	2	6.5	153	0.02	115	1.54	23.8	0.17	0.6	36	23.3
E5723284 (9740967)	5.31	1220	2	2	6.5	151	0.02	59	1.50	24.9	0.06	0.2	36	23.4
E5723285 (9740968)	5.02	1170	3	2	6.8	144	0.02	36	1.52	26.2	0.06	0.2	34	23.1
E5723286 (9740969)	2.55	461	12	9	33.7	167	0.07	14	8.88	108	1.56	1.8	6	27.5
E5723287 (9740970)	5.09	1170	3	2	6.6	151	0.02	12	1.46	25.1	0.07	0.1	36	23.7
E5723288 (9740971)	5.02	1130	4	2	7.0	147	0.02	31	1.58	25.7	0.06	0.2	34	22.7
E5723289 (9740972)	5.43	1130	2	2	6.4	150	0.02	35	1.49	31.0	0.06	0.1	35	23.5
E5723290 (9740973)	6.17	1000	2	2	6.6	148	0.02	15	1.58	29.1	0.08	0.3	33	23.0
E5723291 (9740974)	8.48	1640	3	81	83.5	482	0.39	19	19.4	30.9	0.31	0.2	24	17.3
E5723292 (9740975)	1.22	13	<2	<1	0.9	<5	<0.01	<5	0.21	0.5	0.09	<0.1	<5	4.84
E5723293 (9740976)	5.46	1110	3	2	6.2	142	0.02	17	1.48	14.1	0.04	0.3	33	21.9
E5723294 (9740977)	5.26	1340	<2	3	7.3	148	0.03	<5	1.65	2.3	0.05	0.8	33	23.3

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E5723295 (9740978)	5.40	1210	2	2	6.3	160	0.02	<5	1.43	17.3	0.08	0.3	34	23.2
E5723296 (9740979)	4.90	1370	<2	2	7.5	130	0.03	<5	1.70	42.4	0.08	0.2	36	23.8
E5723297 (9740980)	4.74	1300	<2	2	7.6	121	0.03	<5	1.69	37.4	0.08	0.2	38	24.0
E5723298 (9740981)	4.85	1360	<2	2	7.4	122	0.03	<5	1.63	36.0	0.09	0.2	38	24.9
E5723299 (9740982)	2.70	416	<2	10	25.0	73	0.07	<5	6.62	99.7	<0.01	0.2	18	26.8
E5723300 (9740983)	2.40	368	<2	10	53.7	75	0.08	<5	14.6	173	0.01	0.2	19	27.8
E5723301 (9740984)	2.32	266	<2	11	26.2	72	0.08	<5	6.94	197	<0.01	0.3	19	27.1
E5723302 (9740985)	2.69	295	2	12	77.4	70	0.08	<5	22.4	215	<0.01	0.4	20	26.0
E5723303 (9740986)	0.82	172	7	4	4.3	21	0.01	<5	0.99	7.8	<0.01	0.1	<5	34.4
E5723304 (9740987)	0.70	162	12	3	3.4	20	<0.01	<5	0.81	8.6	<0.01	<0.1	<5	37.1
E5723305 (9740988)	0.53	85	14	3	1.6	16	<0.01	<5	0.38	1.1	<0.01	<0.1	<5	38.7
E5723306 (9740989)	2.58	459	12	8	32.1	169	0.07	13	8.64	107	1.62	1.7	6	27.3
E5723307 (9740990)	0.54	86	15	4	1.7	17	<0.01	<5	0.38	1.3	<0.01	<0.1	<5	38.6
E5723308 (9740991)	0.50	83	17	4	2.1	15	<0.01	<5	0.48	0.8	<0.01	<0.1	<5	38.1
E5723309 (9740992)	0.44	77	17	2	1.2	14	<0.01	<5	0.28	0.8	<0.01	<0.1	<5	39.9
E5723310 (9740993)	0.42	73	18	3	1.1	14	<0.01	25	0.23	0.9	<0.01	<0.1	<5	39.5
E5723311 (9740994)	0.43	79	21	3	44.8	14	<0.01	<5	15.7	1.0	<0.01	<0.1	7	39.1
E5723312 (9740995)	1.21	17	<2	<1	0.8	<5	<0.01	<5	0.18	0.4	0.09	<0.1	<5	5.12
E5723313 (9740996)	0.46	76	18	3	2.3	13	<0.01	<5	0.65	1.1	<0.01	<0.1	<5	40.1
E5723314 (9740997)	0.38	143	17	3	1.4	13	<0.01	<5	0.37	1.1	<0.01	<0.1	<5	37.0
E5723315 (9740998)	0.38	87	18	3	1.0	13	<0.01	<5	0.24	1.1	<0.01	<0.1	<5	38.5
E5723316 (9740999)	0.50	107	17	4	1.4	16	<0.01	<5	0.29	0.9	<0.01	<0.1	<5	36.9
E5723317 (9741000)	0.71	111	20	5	2.0	18	<0.01	<5	0.41	0.9	<0.01	<0.1	<5	38.2
E5723318 (9741001)	0.65	103	17	5	2.5	18	<0.01	<5	0.49	1.0	<0.01	<0.1	<5	36.9
E5723319 (9741002)	0.57	90	16	4	1.6	18	0.01	<5	0.36	0.8	<0.01	<0.1	<5	37.8
E5723320 (9741003)	1.06	141	13	7	3.8	28	0.01	<5	0.90	0.9	<0.01	<0.1	6	36.2
E5723321 (9741004)	1.05	145	15	6	3.5	32	0.02	<5	0.71	0.9	<0.01	<0.1	6	35.2
E5723322 (9741005)	1.87	304	7	8	4.8	56	0.03	<5	0.84	1.7	<0.01	<0.1	15	32.3
E5723323 (9741006)	1.57	281	9	6	4.5	50	0.03	<5	0.79	1.2	<0.01	<0.1	11	34.2
E5723324 (9741007)	2.04	314	6	8	5.3	63	0.04	<5	0.96	4.6	<0.01	<0.1	18	30.5
E5723325 (9741008)	1.42	280	13	6	17.0	46	0.02	<5	5.32	0.8	<0.01	<0.1	11	36.0
E5723326 (9741009)	2.62	464	13	8	33.4	170	0.07	13	8.69	109	1.62	1.7	7	28.0

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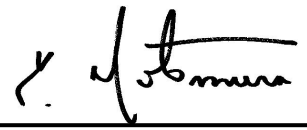

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E5723327 (9741010)	1.59	210	9	8	7.0	55	0.04	<5	1.36	1.3	<0.01	<0.1	10	34.1
E5723328 (9741011)	1.78	227	10	8	4.7	63	0.08	<5	0.87	1.3	<0.01	<0.1	11	35.3
E5723329 (9741012)	1.82	241	8	8	14.8	69	0.04	<5	5.13	1.3	<0.01	<0.1	11	33.4
E5723330 (9741013)	1.76	256	8	6	3.1	73	0.03	<5	0.63	1.5	<0.01	<0.1	12	33.4
E5723331 (9741014)	1.84	232	7	7	3.2	74	0.03	<5	0.64	1.8	<0.01	<0.1	11	33.8
E5723332 (9741015)	1.58	24	<2	<1	0.8	<5	<0.01	<5	0.18	0.4	0.09	<0.1	<5	4.60
E5723333 (9741016)	1.58	199	8	6	2.7	60	0.03	<5	0.56	1.4	<0.01	<0.1	9	34.2
E5723334 (9741017)	1.53	188	9	5	2.0	57	0.03	<5	0.45	1.3	<0.01	<0.1	8	34.6
E5723335 (9741018)	1.30	159	9	5	2.1	47	0.03	<5	0.46	1.2	<0.01	<0.1	6	35.0
E5723336 (9741019)	1.11	147	11	5	5.6	43	0.03	<5	1.67	1.2	<0.01	<0.1	6	35.6
E5723337 (9741020)	1.08	139	10	6	3.2	42	0.03	<5	0.68	1.1	<0.01	<0.1	5	35.0
E5723338 (9741021)	1.08	136	11	6	3.3	40	0.03	<5	0.73	1.1	<0.01	<0.1	5	34.4
E5723339 (9741022)	1.11	140	13	6	3.1	43	0.03	<5	0.71	1.2	<0.01	<0.1	<5	35.2
E5723340 (9741023)	1.24	156	10	8	3.0	45	0.03	<5	0.71	1.2	<0.01	<0.1	5	34.2
E5723341 (9741024)	1.30	159	10	9	2.9	54	0.03	<5	0.66	1.2	<0.01	<0.1	6	33.9
E5723342 (9741025)	1.47	175	7	10	2.6	61	0.03	<5	0.52	1.3	<0.01	<0.1	9	32.7
E5723343 (9741026)	1.73	194	5	10	2.3	70	0.03	<5	0.49	1.2	<0.01	<0.1	10	31.8
E5723344 (9741027)	1.80	200	3	9	2.3	72	0.04	<5	0.50	1.6	<0.01	<0.1	10	32.4

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E5723263 (9740946)	1.4	<1	169	<0.5	0.33	1.1	0.27	<0.5	0.21	0.37	171	<1	11.4	1.3
E5723264 (9740947)	1.2	<1	195	<0.5	0.28	1.0	0.25	<0.5	0.17	0.34	161	<1	10.5	1.1
E5723265 (9740948)	1.4	<1	246	<0.5	0.29	1.1	0.26	<0.5	0.19	0.36	171	<1	11.2	1.2
E5723266 (9740949)	5.4	1	26.4	0.6	0.62	11.1	0.23	0.9	0.31	6.88	54	5	19.1	2.0
E5723267 (9740950)	1.4	<1	180	<0.5	0.30	1.3	0.28	<0.5	0.19	0.36	179	<1	10.8	1.2
E5723268 (9740951)	1.3	<1	168	<0.5	0.30	1.6	0.26	<0.5	0.18	0.38	173	<1	11.0	1.2
E5723269 (9740952)	3.1	4	195	<0.5	0.63	2.3	0.60	<0.5	0.37	0.41	261	<1	23.3	2.3
E5723270 (9740953)	3.6	<1	216	<0.5	0.70	2.7	0.68	<0.5	0.39	0.50	281	<1	23.6	2.4
E5723271 (9740954)	0.9	<1	81.4	<0.5	0.18	1.1	0.23	<0.5	0.08	0.13	132	<1	5.0	0.6
E5723272 (9740955)	0.3	<1	59.3	4.2	0.10	0.8	<0.01	<0.5	0.12	6.32	<5	1	4.3	0.8
E5723273 (9740956)	1.5	<1	354	<0.5	0.33	1.2	0.29	<0.5	0.17	0.34	186	<1	11.8	1.2
E5723274 (9740957)	1.4	<1	394	<0.5	0.30	1.1	0.28	<0.5	0.19	0.33	176	<1	11.3	1.2
E5723275 (9740958)	1.6	<1	129	<0.5	0.36	1.4	0.30	<0.5	0.22	0.42	196	1	13.1	1.4
E5723276 (9740959)	1.6	<1	135	<0.5	0.33	1.4	0.28	<0.5	0.22	0.43	192	<1	12.6	1.3
E5723277 (9740960)	1.6	<1	124	<0.5	0.34	1.3	0.30	<0.5	0.21	0.43	195	<1	12.9	1.3
E5723278 (9740961)	1.6	<1	119	<0.5	0.34	1.3	0.29	<0.5	0.20	0.44	190	<1	12.5	1.4
E5723279 (9740962)	1.6	<1	185	<0.5	0.34	1.3	0.30	<0.5	0.23	0.40	195	<1	12.9	1.3
E5723280 (9740963)	1.6	<1	134	<0.5	0.35	1.4	0.31	<0.5	0.20	0.41	199	<1	12.6	1.3
E5723281 (9740964)	1.5	<1	118	<0.5	0.37	1.3	0.28	<0.5	0.20	0.40	197	<1	12.8	1.4
E5723282 (9740965)	1.9	<1	195	<0.5	0.41	1.6	0.30	<0.5	0.26	0.46	195	<1	14.8	1.6
E5723283 (9740966)	1.5	<1	160	<0.5	0.34	1.4	0.30	<0.5	0.20	0.45	195	<1	11.5	1.3
E5723284 (9740967)	1.5	<1	186	<0.5	0.32	1.3	0.31	<0.5	0.20	0.42	199	<1	12.4	1.3
E5723285 (9740968)	1.6	<1	289	<0.5	0.34	1.3	0.30	<0.5	0.21	0.43	192	<1	12.1	1.3
E5723286 (9740969)	5.4	1	25.0	0.5	0.62	10.7	0.23	0.8	0.30	6.68	55	4	18.7	1.9
E5723287 (9740970)	1.5	<1	133	<0.5	0.34	1.4	0.31	<0.5	0.19	0.43	200	<1	12.8	1.3
E5723288 (9740971)	1.6	<1	377	<0.5	0.35	1.4	0.29	<0.5	0.21	0.43	197	<1	12.8	1.3
E5723289 (9740972)	1.5	<1	131	<0.5	0.36	1.3	0.30	<0.5	0.22	0.42	199	<1	12.7	1.4
E5723290 (9740973)	1.6	<1	204	<0.5	0.33	1.4	0.29	<0.5	0.18	0.52	192	<1	11.1	1.2
E5723291 (9740974)	14.5	3	638	5.7	1.65	5.4	2.62	1.2	0.33	2.04	294	<1	29.0	1.8
E5723292 (9740975)	0.2	<1	63.9	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.13	<5	<1	2.2	0.2
E5723293 (9740976)	1.6	<1	129	<0.5	0.34	1.3	0.29	<0.5	0.20	0.44	191	<1	12.9	1.3
E5723294 (9740977)	1.7	<1	124	<0.5	0.34	1.3	0.33	<0.5	0.21	0.46	189	<1	12.7	1.4

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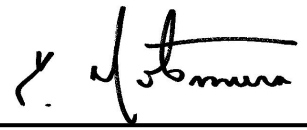

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AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E5723295 (9740978)	1.6	<1	117	<0.5	0.33	1.3	0.29	<0.5	0.21	0.41	194	<1	12.8	1.3
E5723296 (9740979)	1.7	<1	108	<0.5	0.40	1.6	0.34	<0.5	0.25	0.50	212	<1	15.0	1.5
E5723297 (9740980)	1.9	<1	104	<0.5	0.38	1.6	0.35	<0.5	0.24	0.52	224	<1	15.8	1.6
E5723298 (9740981)	1.8	<1	109	<0.5	0.39	1.5	0.36	<0.5	0.24	0.49	222	<1	14.2	1.5
E5723299 (9740982)	4.6	<1	30.3	0.7	0.70	16.0	0.41	<0.5	0.32	4.95	125	2	19.4	2.1
E5723300 (9740983)	8.4	1	26.5	0.7	0.98	17.0	0.44	0.6	0.41	4.96	133	1	26.1	2.6
E5723301 (9740984)	4.4	<1	23.2	0.8	0.58	17.7	0.44	0.6	0.33	5.44	132	1	17.5	2.3
E5723302 (9740985)	9.7	1	21.8	0.9	0.85	20.1	0.46	0.6	0.36	5.54	142	2	19.2	2.4
E5723303 (9740986)	1.1	<1	9.5	<0.5	0.23	10.1	0.13	<0.5	0.13	1.65	47	<1	8.4	0.9
E5723304 (9740987)	0.9	<1	7.1	<0.5	0.18	8.7	0.12	<0.5	0.09	1.53	41	<1	6.9	0.6
E5723305 (9740988)	0.4	<1	5.4	<0.5	0.12	6.3	0.09	<0.5	<0.05	1.04	33	<1	4.8	0.3
E5723306 (9740989)	5.6	1	25.3	0.5	0.62	11.0	0.23	0.9	0.30	6.84	56	4	19.1	2.0
E5723307 (9740990)	0.4	<1	7.5	<0.5	0.12	7.0	0.11	<0.5	0.07	1.05	34	<1	5.8	0.4
E5723308 (9740991)	0.5	<1	6.2	<0.5	0.15	7.2	0.11	<0.5	0.07	1.02	32	<1	6.9	0.5
E5723309 (9740992)	0.3	<1	5.5	<0.5	0.10	5.7	0.07	<0.5	<0.05	0.93	26	<1	4.7	0.3
E5723310 (9740993)	0.2	<1	6.8	<0.5	0.10	5.2	0.07	<0.5	0.06	0.78	26	<1	4.8	0.3
E5723311 (9740994)	3.9	<1	10.7	<0.5	0.40	7.7	0.07	<0.5	0.08	0.74	29	<1	7.7	0.4
E5723312 (9740995)	0.2	<1	60.3	<0.5	<0.05	0.3	<0.01	<0.5	<0.05	0.12	<5	<1	2.2	0.1
E5723313 (9740996)	0.4	<1	7.6	<0.5	0.12	5.5	0.06	<0.5	0.06	0.75	26	<1	4.8	0.3
E5723314 (9740997)	0.3	<1	8.5	<0.5	0.11	5.8	0.06	<0.5	0.06	0.85	21	<1	4.9	0.3
E5723315 (9740998)	0.2	<1	6.7	<0.5	0.11	5.8	0.06	<0.5	0.06	0.81	22	<1	5.0	0.4
E5723316 (9740999)	0.4	<1	9.2	<0.5	0.21	6.1	0.09	<0.5	0.11	0.90	32	<1	8.9	0.6
E5723317 (9741000)	0.6	<1	7.7	<0.5	0.28	7.0	0.11	<0.5	0.14	1.07	48	<1	10.8	0.9
E5723318 (9741001)	0.8	<1	7.7	<0.5	0.41	6.7	0.11	<0.5	0.18	1.07	45	<1	14.3	1.0
E5723319 (9741002)	0.4	<1	7.9	<0.5	0.17	6.8	0.08	<0.5	0.10	0.90	38	<1	7.4	0.7
E5723320 (9741003)	1.0	<1	7.7	<0.5	0.26	8.2	0.15	<0.5	0.16	1.26	83	<1	11.2	0.9
E5723321 (9741004)	0.9	<1	7.6	<0.5	0.23	6.3	0.14	<0.5	0.13	1.11	83	<1	10.3	0.8
E5723322 (9741005)	1.7	<1	8.4	<0.5	0.46	7.1	0.27	<0.5	0.22	1.52	127	<1	14.0	1.3
E5723323 (9741006)	1.4	<1	8.8	<0.5	0.30	6.0	0.21	<0.5	0.14	1.35	91	<1	10.0	1.0
E5723324 (9741007)	1.7	<1	10.1	<0.5	0.36	5.9	0.32	<0.5	0.22	1.59	151	<1	13.7	1.4
E5723325 (9741008)	2.3	<1	9.4	<0.5	0.51	5.8	0.17	<0.5	0.23	1.13	109	<1	15.9	1.3
E5723326 (9741009)	5.6	1	25.8	0.6	0.60	11.3	0.23	0.9	0.31	6.97	57	4	19.2	2.0

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E5723327 (9741010)	2.1	<1	8.0	<0.5	0.50	5.7	0.24	<0.5	0.28	1.41	135	<1	17.3	1.6
E5723328 (9741011)	1.4	<1	7.4	<0.5	0.25	6.5	0.24	<0.5	0.15	1.50	142	<1	8.7	0.9
E5723329 (9741012)	1.7	<1	8.1	<0.5	0.26	5.4	0.24	<0.5	0.13	1.33	134	<1	7.4	0.9
E5723330 (9741013)	1.0	<1	7.8	<0.5	0.21	5.1	0.23	<0.5	0.12	1.28	120	<1	6.8	0.8
E5723331 (9741014)	1.1	<1	7.0	<0.5	0.25	5.4	0.25	<0.5	0.12	1.34	100	<1	7.5	0.8
E5723332 (9741015)	0.2	<1	59.1	<0.5	<0.05	0.2	<0.01	<0.5	<0.05	0.09	<5	<1	2.1	0.1
E5723333 (9741016)	0.9	<1	7.3	<0.5	0.20	5.4	0.21	<0.5	0.10	1.22	82	<1	6.3	0.7
E5723334 (9741017)	0.5	<1	7.7	<0.5	0.11	5.3	0.19	<0.5	0.07	1.26	85	<1	3.7	0.5
E5723335 (9741018)	0.5	<1	7.6	<0.5	0.10	6.0	0.17	<0.5	0.06	1.23	74	<1	3.3	0.4
E5723336 (9741019)	0.8	<1	7.0	<0.5	0.13	5.2	0.15	<0.5	0.05	1.03	65	<1	4.0	0.4
E5723337 (9741020)	0.7	<1	8.0	<0.5	0.10	5.9	0.15	<0.5	0.06	1.12	67	<1	3.6	0.4
E5723338 (9741021)	0.7	7	7.1	<0.5	0.11	6.2	0.15	<0.5	0.06	1.04	66	<1	3.5	0.4
E5723339 (9741022)	0.6	<1	7.3	<0.5	0.08	6.1	0.14	<0.5	<0.05	1.33	69	<1	3.1	0.4
E5723340 (9741023)	0.5	<1	7.6	<0.5	0.07	6.7	0.15	<0.5	0.05	1.15	74	<1	2.8	0.4
E5723341 (9741024)	0.6	<1	7.9	<0.5	0.08	7.0	0.17	<0.5	0.05	1.04	70	<1	3.1	0.4
E5723342 (9741025)	0.6	<1	8.0	<0.5	0.09	8.3	0.22	<0.5	0.07	1.48	71	<1	3.7	0.6
E5723343 (9741026)	0.7	<1	7.9	0.5	0.10	9.8	0.26	<0.5	0.08	1.67	82	<1	4.4	0.6
E5723344 (9741027)	0.5	<1	7.2	<0.5	0.09	8.3	0.25	<0.5	0.07	1.48	80	<1	3.6	0.5

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E5723263 (9740946)	76	33.0
E5723264 (9740947)	970	29.2
E5723265 (9740948)	711	31.3
E5723266 (9740949)	8	162
E5723267 (9740950)	211	34.9
E5723268 (9740951)	105	36.1
E5723269 (9740952)	514	86.0
E5723270 (9740953)	275	93.0
E5723271 (9740954)	63	26.8
E5723272 (9740955)	<5	1.8
E5723273 (9740956)	102	34.7
E5723274 (9740957)	151	31.8
E5723275 (9740958)	76	34.9
E5723276 (9740959)	91	33.5
E5723277 (9740960)	81	36.0
E5723278 (9740961)	73	33.7
E5723279 (9740962)	84	32.0
E5723280 (9740963)	70	26.8
E5723281 (9740964)	70	26.5
E5723282 (9740965)	105	34.6
E5723283 (9740966)	118	32.9
E5723284 (9740967)	127	31.8
E5723285 (9740968)	145	25.4
E5723286 (9740969)	9	162
E5723287 (9740970)	72	36.1
E5723288 (9740971)	114	34.2
E5723289 (9740972)	91	34.7
E5723290 (9740973)	80	35.1
E5723291 (9740974)	134	378
E5723292 (9740975)	<5	2.1
E5723293 (9740976)	53	37.2
E5723294 (9740977)	63	41.9

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E5723295 (9740978)	54	35.9
E5723296 (9740979)	81	47.2
E5723297 (9740980)	80	46.2
E5723298 (9740981)	85	43.8
E5723299 (9740982)	27	177
E5723300 (9740983)	24	182
E5723301 (9740984)	33	176
E5723302 (9740985)	21	211
E5723303 (9740986)	10	108
E5723304 (9740987)	8	91.3
E5723305 (9740988)	7	76.8
E5723306 (9740989)	8	166
E5723307 (9740990)	7	100
E5723308 (9740991)	<5	126
E5723309 (9740992)	7	75.4
E5723310 (9740993)	6	70.7
E5723311 (9740994)	7	69.1
E5723312 (9740995)	<5	2.1
E5723313 (9740996)	7	82.9
E5723314 (9740997)	6	73.8
E5723315 (9740998)	<5	66.5
E5723316 (9740999)	5	72.9
E5723317 (9741000)	7	88.1
E5723318 (9741001)	7	93.3
E5723319 (9741002)	8	98.5
E5723320 (9741003)	11	95.8
E5723321 (9741004)	11	89.5
E5723322 (9741005)	16	113
E5723323 (9741006)	14	100
E5723324 (9741007)	19	114
E5723325 (9741008)	20	78.3
E5723326 (9741009)	6	163

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AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E5723327 (9741010)	16	99.2
E5723328 (9741011)	17	94.3
E5723329 (9741012)	39	101
E5723330 (9741013)	17	96.1
E5723331 (9741014)	19	105
E5723332 (9741015)	<5	1.3
E5723333 (9741016)	15	99.9
E5723334 (9741017)	13	96.4
E5723335 (9741018)	11	98.4
E5723336 (9741019)	11	102
E5723337 (9741020)	10	98.9
E5723338 (9741021)	9	87.5
E5723339 (9741022)	10	90.8
E5723340 (9741023)	12	106
E5723341 (9741024)	10	124
E5723342 (9741025)	11	147
E5723343 (9741026)	15	179
E5723344 (9741027)	16	173

Comments: RDL - Reported Detection Limit

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Sieving - % Passing (Crushing)

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Dec 20, 2018 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
E5723263 (9740946)	88
E5723282 (9740965)	80
E5723302 (9740985)	86
E5723304 (9740987)	83
E5723322 (9741005)	90
E5723342 (9741025)	89

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9740946	< 1	< 1	0.0%	9740960	< 1	< 1	0.0%	9740971	< 1	< 1	0.0%	9740985	< 1	< 1	0.0%
Al	9740946	8.91	8.81	1.1%	9740960	7.72	7.83	1.4%	9740971	7.49	7.42	0.9%	9740985	10.4	10.1	2.9%
As	9740946	< 5	< 5	0.0%	9740960	< 5	< 5	0.0%	9740971	< 5	< 5	0.0%	9740985	< 5	< 5	0.0%
B	9740946	37	36	2.7%	9740960	19	22	14.6%	9740971	22	25	12.8%	9740985	53	52	1.9%
Ba	9740946	123	125	1.6%	9740960	84.3	83.9	0.5%	9740971	164	166	1.2%	9740985	332	325	2.1%
Be	9740946	< 5	< 5	0.0%	9740960	< 5	< 5	0.0%	9740971	< 5	< 5	0.0%	9740985	5	5	0.0%
Bi	9740946	< 0.1	< 0.1	0.0%	9740960	< 0.1	< 0.1	0.0%	9740971	< 0.1	< 0.1	0.0%	9740985	< 0.1	< 0.1	0.0%
Ca	9740946	9.49	8.40	12.2%	9740960	7.91	8.18	3.4%	9740971	8.37	8.46	1.1%	9740985	0.464	0.466	0.4%
Cd	9740946	0.2	0.2	0.0%	9740960	0.23	0.28	19.6%	9740971	0.45	0.46	2.2%	9740985	< 0.2	< 0.2	0.0%
Ce	9740946	9.4	9.5	1.1%	9740960	11.2	11.3	0.9%	9740971	12.1	12.4	2.4%	9740985	201	196	2.5%
Co	9740946	34.5	35.6	3.1%	9740960	47.4	49.9	5.1%	9740971	48.2	48.3	0.2%	9740985	18.2	16.5	9.8%
Cr	9740946	0.0227	0.0215	5.4%	9740960	0.033	0.033	0.0%	9740971	0.0319	0.0326	2.2%	9740985	0.0165	0.0170	3.0%
Cs	9740946	1.2	1.1	8.7%	9740960	1.9	1.9	0.0%	9740971	2.41	2.33	3.4%	9740985	3.3	3.2	3.1%
Cu	9740946	114	116	1.7%	9740960	104	103	1.0%	9740971	109	103	5.7%	9740985	14	14	0.0%
Dy	9740946	2.13	2.11	0.9%	9740960	2.22	2.31	4.0%	9740971	2.27	2.31	1.7%	9740985	3.62	3.55	2.0%
Er	9740946	1.21	1.20	0.8%	9740960	1.34	1.44	7.2%	9740971	1.34	1.37	2.2%	9740985	2.20	2.01	9.0%
Eu	9740946	0.539	0.576	6.6%	9740960	0.560	0.607	8.1%	9740971	0.64	0.66	3.1%	9740985	1.47	1.44	2.1%
Fe	9740946	5.30	5.27	0.6%	9740960	6.60	6.71	1.7%	9740971	6.35	6.38	0.5%	9740985	5.99	5.91	1.3%
Ga	9740946	14.5	14.4	0.7%	9740960	14.1	14.3	1.4%	9740971	13.9	14.3	2.8%	9740985	36.6	33.9	7.7%
Gd	9740946	1.90	1.77	7.1%	9740960	2.03	2.15	5.7%	9740971	2.10	2.16	2.8%	9740985	6.78	6.50	4.2%
Ge	9740946	1	1	0.0%	9740960	2	2	0.0%	9740971	2	2	0.0%	9740985	2	2	0.0%
Hf	9740946	1	1	0.0%	9740960	1	1	0.0%	9740971	1	1	0.0%	9740985	6	6	0.0%
Ho	9740946	0.46	0.45	2.2%	9740960	0.479	0.507	5.7%	9740971	0.48	0.51	6.1%	9740985	0.74	0.72	2.7%
In	9740946	< 0.2	< 0.2	0.0%	9740960	< 0.2	< 0.2	0.0%	9740971	< 0.2	< 0.2	0.0%	9740985	< 0.2	< 0.2	0.0%
K	9740946	0.804	0.774	3.8%	9740960	0.436	0.414	5.2%	9740971	0.547	0.543	0.7%	9740985	3.48	3.42	1.7%
La	9740946	4.5	4.5	0.0%	9740960	5.3	5.4	1.9%	9740971	5.83	5.73	1.7%	9740985	94.8	93.8	1.1%
Li	9740946	44	47	6.6%	9740960	30	30	0.0%	9740971	31	34	9.2%	9740985	90	89	1.1%
Lu	9740946	0.200	0.191	4.6%	9740960	0.204	0.224	9.3%	9740971	0.20	0.20	0.0%	9740985	0.41	0.38	7.6%
Mg	9740946	4.00	4.08	2.0%	9740960	5.20	5.22	0.4%	9740971	5.02	5.21	3.7%	9740985	2.69	2.74	1.8%
Mn	9740946	1120	1110	0.9%	9740960	1200	1220	1.7%	9740971	1130	1120	0.9%	9740985	295	284	3.8%
Mo	9740946	3	3	0.0%	9740960	2	2	0.0%	9740971	4	3	28.6%	9740985	2	2	0.0%

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Nb	9740946	1	1	0.0%	9740960	2	2	0.0%	9740971	2	2	0.0%	9740985	12	11	8.7%
Nd	9740946	5.6	5.5	1.8%	9740960	6.5	6.9	6.0%	9740971	7.02	6.72	4.4%	9740985	77.4	75.7	2.2%
Ni	9740946	102	106	3.8%	9740960	149	149	0.0%	9740971	147	147	0.0%	9740985	70	72	2.8%
P	9740946	0.02	0.02	0.0%	9740960	0.02	0.02	0.0%	9740971	0.02	0.02	0.0%	9740985	0.08	0.08	0.0%
Pb	9740946	27	29	7.1%	9740960	8	7	13.3%	9740971	31	33	6.3%	9740985	< 5	< 5	0.0%
Pr	9740946	1.29	1.24	4.0%	9740960	1.47	1.48	0.7%	9740971	1.58	1.61	1.9%	9740985	22.4	22.0	1.8%
Rb	9740946	32.8	33.5	2.1%	9740960	19.6	19.9	1.5%	9740971	25.7	27.2	5.7%	9740985	215	204	5.3%
S	9740946	0.05	0.05	0.0%	9740960	0.086	0.081	6.0%	9740971	0.06	0.06	0.0%	9740985	< 0.01	< 0.01	0.0%
Sb	9740946	0.2	0.2	0.0%	9740960	0.16	0.15	6.5%	9740971	0.17	0.14	19.4%	9740985	0.4	0.4	0.0%
Sc	9740946	30	30	0.0%	9740960	35	34	2.9%	9740971	34	34	0.0%	9740985	20	20	0.0%
Si	9740946	22.9	22.5	1.8%	9740960	23.5	23.9	1.7%	9740971	22.7	22.8	0.4%	9740985	26.0	25.6	1.6%
Sm	9740946	1.4	1.4	0.0%	9740960	1.6	1.7	6.1%	9740971	1.6	1.7	6.1%	9740985	9.7	9.6	1.0%
Sn	9740946	< 1	< 1	0.0%	9740960	< 1	< 1	0.0%	9740971	< 1	< 1	0.0%	9740985	1	1	0.0%
Sr	9740946	169	163	3.6%	9740960	124	125	0.8%	9740971	377	376	0.3%	9740985	21.8	21.8	0.0%
Ta	9740946	< 0.5	< 0.5	0.0%	9740960	< 0.5	< 0.5	0.0%	9740971	< 0.5	< 0.5	0.0%	9740985	0.87	0.79	9.6%
Tb	9740946	0.33	0.31	6.3%	9740960	0.341	0.368	7.6%	9740971	0.354	0.344	2.9%	9740985	0.85	0.82	3.6%
Th	9740946	1.1	1.1	0.0%	9740960	1.3	1.3	0.0%	9740971	1.38	1.34	2.9%	9740985	20.1	18.5	8.3%
Ti	9740946	0.271	0.264	2.6%	9740960	0.30	0.30	0.0%	9740971	0.294	0.297	1.0%	9740985	0.463	0.455	1.7%
Tl	9740946	< 0.5	< 0.5	0.0%	9740960	< 0.5	< 0.5	0.0%	9740971	< 0.5	< 0.5	0.0%	9740985	0.64	0.66	3.1%
Tm	9740946	0.205	0.192	6.5%	9740960	0.21	0.21	0.0%	9740971	0.21	0.22	4.7%	9740985	0.36	0.35	2.8%
U	9740946	0.37	0.33	11.4%	9740960	0.431	0.412	4.5%	9740971	0.43	0.46	6.7%	9740985	5.54	5.22	5.9%
V	9740946	171	173	1.2%	9740960	195	193	1.0%	9740971	197	192	2.6%	9740985	142	137	3.6%
W	9740946	< 1	< 1	0.0%	9740960	< 1	< 1	0.0%	9740971	< 1	< 1	0.0%	9740985	2	1	
Y	9740946	11.4	11.3	0.9%	9740960	12.9	12.9	0.0%	9740971	12.8	13.6	6.1%	9740985	19.2	17.6	8.7%
Yb	9740946	1.30	1.25	3.9%	9740960	1.3	1.3	0.0%	9740971	1.34	1.39	3.7%	9740985	2.40	2.34	2.5%
Zn	9740946	76	81	6.4%	9740960	81	81	0.0%	9740971	114	115	0.9%	9740985	21	19	10.0%
Zr	9740946	33.0	31.5	4.7%	9740960	36.0	34.4	4.5%	9740971	34.2	36.7	7.1%	9740985	211	207	1.9%
	REPLICATE #5				REPLICATE #6				REPLICATE #7							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	9740996	< 1	< 1	0.0%	9741010	< 1	< 1	0.0%	9741021	< 1	< 1	0.0%				
Al	9740996	5.08	5.01	1.4%	9741010	5.71	5.71	0.0%	9741021	6.05	6.12	1.2%				
As	9740996	< 5	< 5	0.0%	9741010	< 5	< 5	0.0%	9741021	< 5	< 5	0.0%				
B	9740996	< 20	< 20	0.0%	9741010	< 20	< 20	0.0%	9741021	< 20	< 20	0.0%				
Ba	9740996	6.0	6.0	0.0%	9741010	5.9	5.7	3.4%	9741021	5.1	5.3	3.8%				

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Be	9740996	< 5	< 5	0.0%	9741010	< 5	< 5	0.0%	9741021	< 5	< 5	0.0%				
Bi	9740996	< 0.1	< 0.1	0.0%	9741010	0.3	0.1		9741021	< 0.1	< 0.1	0.0%				
Ca	9740996	0.17	0.15	12.5%	9741010	0.395	0.377	4.7%	9741021	0.202	0.218	7.6%				
Cd	9740996	< 0.2	< 0.2	0.0%	9741010	< 0.2	< 0.2	0.0%	9741021	< 0.2	< 0.2	0.0%				
Ce	9740996	5.94	6.43	7.9%	9741010	7.20	7.29	1.2%	9741021	3.9	3.9	0.0%				
Co	9740996	3.2	3.3	3.1%	9741010	10.9	10.9	0.0%	9741021	8.07	8.01	0.7%				
Cr	9740996	0.0252	0.0255	1.2%	9741010	0.0195	0.0202	3.5%	9741021	0.019	0.019	0.0%				
Cs	9740996	0.1	0.1	0.0%	9741010	0.4	0.2		9741021	0.2	0.2	0.0%				
Cu	9740996	< 5	< 5	0.0%	9741010	8	7	13.3%	9741021	< 5	< 5	0.0%				
Dy	9740996	0.69	0.68	1.5%	9741010	3.50	3.36	4.1%	9741021	0.52	0.55	5.6%				
Er	9740996	0.369	0.375	1.6%	9741010	1.78	1.78	0.0%	9741021	0.32	0.32	0.0%				
Eu	9740996	0.133	0.115	14.5%	9741010	0.57	0.59	3.4%	9741021	0.230	0.236	2.6%				
Fe	9740996	1.21	1.19	1.7%	9741010	3.40	3.42	0.6%	9741021	2.30	2.33	1.3%				
Ga	9740996	18.2	18.6	2.2%	9741010	17.9	17.6	1.7%	9741021	16.0	15.9	0.6%				
Gd	9740996	0.694	0.766	9.9%	9741010	2.60	2.60	0.0%	9741021	0.730	0.671	8.4%				
Ge	9740996	< 1	< 1	0.0%	9741010	1	1	0.0%	9741021	< 1	< 1	0.0%				
Hf	9740996	3	2		9741010	3	3	0.0%	9741021	3	3	0.0%				
Ho	9740996	0.15	0.14	6.9%	9741010	0.694	0.644	7.5%	9741021	0.12	0.12	0.0%				
In	9740996	< 0.2	< 0.2	0.0%	9741010	< 0.2	< 0.2	0.0%	9741021	< 0.2	< 0.2	0.0%				
K	9740996	0.13	0.10	26.1%	9741010	0.05	0.05	0.0%	9741021	0.07	0.10					
La	9740996	2.9	3.5	18.8%	9741010	2.42	2.49	2.9%	9741021	0.9	0.9	0.0%				
Li	9740996	13	12	8.0%	9741010	42	38	10.0%	9741021	29	29	0.0%				
Lu	9740996	0.05	0.04	22.2%	9741010	0.21	0.20	4.9%	9741021	0.071	0.075	5.5%				
Mg	9740996	0.46	0.45	2.2%	9741010	1.59	1.52	4.5%	9741021	1.08	1.07	0.9%				
Mn	9740996	76	75	1.3%	9741010	210	215	2.4%	9741021	136	135	0.7%				
Mo	9740996	18	18	0.0%	9741010	9	10	10.5%	9741021	11	11	0.0%				
Nb	9740996	3	3	0.0%	9741010	8	8	0.0%	9741021	6	6	0.0%				
Nd	9740996	2.3	2.6	12.2%	9741010	7.0	7.0	0.0%	9741021	3.3	3.3	0.0%				
Ni	9740996	13	14	7.4%	9741010	55	56	1.8%	9741021	40	39	2.5%				
P	9740996	< 0.01	< 0.01	0.0%	9741010	0.035	0.035	0.0%	9741021	0.03	0.03	0.0%				
Pb	9740996	< 5	< 5	0.0%	9741010	< 5	< 5	0.0%	9741021	< 5	< 5	0.0%				
Pr	9740996	0.649	0.747	14.0%	9741010	1.36	1.38	1.5%	9741021	0.73	0.73	0.0%				
Rb	9740996	1.1	1.1	0.0%	9741010	1.28	1.15	10.7%	9741021	1.1	1.1	0.0%				
S	9740996	< 0.01	< 0.01	0.0%	9741010	< 0.01	< 0.01	0.0%	9741021	< 0.01	< 0.01	0.0%				

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Sb	9740996	< 0.1	< 0.1	0.0%	9741010	< 0.1	< 0.1	0.0%	9741021	< 0.1	< 0.1	0.0%				
Sc	9740996	< 5	< 5	0.0%	9741010	10	10	0.0%	9741021	5	5	0.0%				
Si	9740996	40.1	38.7	3.6%	9741010	34.1	36.4	6.5%	9741021	34.4	35.2	2.3%				
Sm	9740996	0.4	0.4	0.0%	9741010	2.09	2.17	3.8%	9741021	0.7	0.7	0.0%				
Sn	9740996	< 1	< 1	0.0%	9741010	< 1	< 1	0.0%	9741021	7	< 1					
Sr	9740996	7.6	6.8	11.1%	9741010	8.0	7.1	11.9%	9741021	7.14	7.53	5.3%				
Ta	9740996	< 0.5	< 0.5	0.0%	9741010	< 0.5	< 0.5	0.0%	9741021	< 0.5	< 0.5	0.0%				
Tb	9740996	0.12	0.12	0.0%	9741010	0.50	0.50	0.0%	9741021	0.11	0.11	0.0%				
Th	9740996	5.5	5.6	1.8%	9741010	5.7	5.7	0.0%	9741021	6.19	6.11	1.3%				
Ti	9740996	0.06	0.06	0.0%	9741010	0.24	0.24	0.0%	9741021	0.15	0.15	0.0%				
Tl	9740996	< 0.5	< 0.5	0.0%	9741010	< 0.5	< 0.5	0.0%	9741021	< 0.5	< 0.5	0.0%				
Tm	9740996	0.055	0.048	13.6%	9741010	0.28	0.26	7.4%	9741021	0.056	0.054	3.6%				
U	9740996	0.748	0.725	3.1%	9741010	1.41	1.37	2.9%	9741021	1.04	1.09	4.7%				
V	9740996	26	25	3.9%	9741010	135	135	0.0%	9741021	66	66	0.0%				
W	9740996	< 1	< 1	0.0%	9741010	< 1	< 1	0.0%	9741021	< 1	< 1	0.0%				
Y	9740996	4.84	4.74	2.1%	9741010	17.3	18.4	6.2%	9741021	3.5	3.4	2.9%				
Yb	9740996	0.3	0.3	0.0%	9741010	1.57	1.54	1.9%	9741021	0.4	0.4	0.0%				
Zn	9740996	7	5		9741010	16	14	13.3%	9741021	9	11	20.0%				
Zr	9740996	82.9	78.0	6.1%	9741010	99.2	98.1	1.1%	9741021	87.5	95.9	9.2%				

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GBM998-10)				CRM #4 (ref.SY-4)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.02	101%	90% - 110%	8.47	8.21	97%	90% - 110%					10.95	10.75	98%	90% - 110%
As					26	25	97%	90% - 110%	25	25	102%	90% - 110%				
Ba	340	342	101%	90% - 110%	540	514	95%	90% - 110%					340	333	98%	90% - 110%
Be	2.6	2.7	105%	90% - 110%	4.0	3.1	77%	90% - 110%					2.6	2.7	102%	90% - 110%
Ca	5.72	5.77	101%	90% - 110%	0.907	0.86	95%	90% - 110%					5.72	5.68	99%	90% - 110%
Ce	122	115	94%	90% - 110%	98	100	102%	90% - 110%					122	123	101%	90% - 110%
Co	2.8	2.4	85%	90% - 110%	15	15	97%	90% - 110%	1202	1313	109%	90% - 110%	2.8	2.6	94%	90% - 110%
Cs	1.5	1.5	97%	90% - 110%									1.5	1.6	109%	90% - 110%
Cu					150	151	100%	90% - 110%	15414	14299	93%	90% - 110%				
Dy	18.2	19.3	106%	90% - 110%									18.2	19.9	109%	90% - 110%
Er	14.2	14.1	99%	90% - 110%	3.7	3.5	96%	90% - 110%					14.2	14	99%	90% - 110%
Eu	2.0	2	102%	90% - 110%									2.0	2	101%	90% - 110%
Fe	4.34	4.37	101%	90% - 110%	3.77	3.82	101%	90% - 110%					4.34	4.21	97%	90% - 110%
Ga	35	35	100%	90% - 110%									35	38	109%	90% - 110%
Gd	14	15	106%	90% - 110%									14	15	110%	90% - 110%
Hf	10.6	11	104%	90% - 110%	11	10	93%	90% - 110%					10.6	10.8	102%	90% - 110%
Ho	4.3	4.6	107%	90% - 110%									4.3	4.7	109%	90% - 110%
K	1.37	1.4	102%	90% - 110%	2.55	2.39	94%	90% - 110%					1.37	1.36	100%	90% - 110%
La	58	56	97%	90% - 110%	44	45	103%	90% - 110%					58	59	102%	90% - 110%
Li	37	39	107%	90% - 110%	47	47	100%	90% - 110%					37	38	104%	90% - 110%
Lu	2.1	2.2	105%	90% - 110%	0.6	0.6	94%	90% - 110%					2.1	2.2	105%	90% - 110%
Mg	0.325	0.321	99%	90% - 110%	1.1	1.1	100%	90% - 110%					0.325	0.316	97%	90% - 110%
Mn	836	833	100%	90% - 110%	780	767	98%	90% - 110%					836	808	97%	90% - 110%
Mo					14	13	95%	90% - 110%								
Nb	13	13	100%	90% - 110%	20	19	94%	90% - 110%					13	14	109%	90% - 110%
Nd	57	58	102%	90% - 110%									57	63	110%	90% - 110%
Ni	9	10	112%	90% - 110%	32	35	109%	90% - 110%	23610	22100	94%	90% - 110%	9	8	94%	90% - 110%
Pb	10	10	99%	90% - 110%	31	33	107%	90% - 110%	41	42	103%	90% - 110%	10	9	95%	90% - 110%
Pr	15.0	14.9	99%	90% - 110%									15.0	15.6	104%	90% - 110%
Rb	55	51	92%	90% - 110%	144	146	101%	90% - 110%					55	58	105%	90% - 110%
Sb					0.8	0.8	97%	90% - 110%								

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ATTENTION TO: FRANK SANTAGUIDA

Sc					12	12	98%	90% - 110%								
Si	23.3	23.8	102%	90% - 110%	28.4	28.5	100%	90% - 110%					23.3	23.2	99%	90% - 110%
Sm	12.7	12.5	98%	90% - 110%	7.4	7.5	101%	90% - 110%					12.7	12.5	99%	90% - 110%
Sn	7.1	7.1	100%	90% - 110%									7.1	7.3	103%	90% - 110%
Sr	1191	1198	101%	90% - 110%	144	146	101%	90% - 110%					1191	1173	98%	90% - 110%
Ta	0.9	0.9	98%	90% - 110%	1.9	1.7	90%	90% - 110%					0.9	0.8	94%	90% - 110%
Tb	2.6	2.7	105%	90% - 110%	1.2	1.2	97%	90% - 110%					2.6	2.8	109%	90% - 110%
Th	1.4	1.3	90%	90% - 110%	18.4	17.9	97%	90% - 110%					1.4	1.4	100%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.527	0.503	95%	90% - 110%					0.172	0.165	96%	90% - 110%
Tm	2.3	2.3	102%	90% - 110%									2.3	2.4	105%	90% - 110%
U	0.8	0.8	103%	90% - 110%	5.7	5.4	96%	90% - 110%					0.8	0.9	109%	90% - 110%
V					77	77	100%	90% - 110%								
W					5	5	101%	90% - 110%								
Y	119	114	96%	90% - 110%	40	37	92%	90% - 110%					119	129	108%	90% - 110%
Yb	14.8	15.1	102%	90% - 110%									14.8	15.3	104%	90% - 110%
Zn	93	96	103%	90% - 110%	130	123	95%	90% - 110%	90	83	92%	90% - 110%	93	89	95%	90% - 110%
Zr	517	515	100%	90% - 110%	390	376	96%	90% - 110%					517	564	109%	90% - 110%
	CRM #5 (ref.Till-2)															
Parameter	Expect	Actual	Recovery	Limits												
Al	8.47	8.43	100%	90% - 110%												
As	26	27	105%	90% - 110%												
Ba	540	542	100%	90% - 110%												
Be	4.0	3	76%	90% - 110%												
Ca	0.907	0.962	106%	90% - 110%												
Ce	98	108	110%	90% - 110%												
Co	15	15	102%	90% - 110%												
Cu	150	161	108%	90% - 110%												
Er	3.7	4	109%	90% - 110%												
Fe	3.77	3.93	104%	90% - 110%												
Hf	11	10	93%	90% - 110%												
K	2.55	2.53	99%	90% - 110%												
La	44	48	109%	90% - 110%												
Li	47	48	103%	90% - 110%												
Lu	0.6	0.6	102%	90% - 110%												

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Mg	1.1	1.2	105%	90% - 110%												
Mn	780	789	101%	90% - 110%												
Mo	14	14	103%	90% - 110%												
Nb	20	19	97%	90% - 110%												
Ni	32	38	118%	90% - 110%												
Pb	31	33	107%	90% - 110%												
Rb	144	158	110%	90% - 110%												
Sb	0.8	0.9	109%	90% - 110%												
Sc	12	12	101%	90% - 110%												
Si	28.4	29.7	105%	90% - 110%												
Sm	7.4	8.1	109%	90% - 110%												
Sr	144	152	105%	90% - 110%												
Ta	1.9	1.8	94%	90% - 110%												
Tb	1.2	1.3	106%	90% - 110%												
Th	18.4	19.3	105%	90% - 110%												
Ti	0.527	0.518	98%	90% - 110%												
U	5.7	5.6	99%	90% - 110%												
V	77	81	105%	90% - 110%												
W	5	5	109%	90% - 110%												
Y	40	42	106%	90% - 110%												
Zn	130	125	96%	90% - 110%												
Zr	390	379	97%	90% - 110%												

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Method Summary

CLIENT NAME: FIRST COBALT CORP
AGAT WORK ORDER: 18B413917
PROJECT: DDH-251
ATTENTION TO: FRANK SANTAGUIDA
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag			ICP/MS
Al	MIN-200-12001		ICP/OES
As	MIN-200-12001		ICP/MS
B	MIN-200-12001		ICP/OES
Ba	MIN-200-12001		ICP/OES
Be	MIN-200-12001		ICP/OES
Bi	MIN-200-12001		ICP-MS
Ca	MIN-200-12001		ICP/OES
Cd	MIN-200-12001		ICP-MS
Ce	MIN-200-12001		ICP-MS
Co	MIN-200-12001		ICP/MS
Cr	MIN-200-12001		ICP/OES
Cs	MIN-200-12001		ICP-MS
Cu	MIN-200-12001		ICP/OES
Dy	MIN-200-12001		ICP-MS
Er	MIN-200-12001		ICP-MS
Eu	MIN-200-12001		ICP-MS
Fe	MIN-200-12001		ICP/OES
Ga	MIN-200-12001		ICP-MS
Gd	MIN-200-12001		ICP-MS
Ge	MIN-200-12001		ICP-MS
Hf	MIN-200-12001		ICP-MS
Ho	MIN-200-12001		ICP-MS
In	MIN-200-12001		ICP-MS
K	MIN-200-12001		ICP/OES
La	MIN-200-12001		ICP-MS
Li	MIN-200-12001		ICP/OES
Lu	MIN-200-12001		ICP-MS
Mg	MIN-200-12001		ICP/OES
Mn	MIN-200-12001		ICP/OES
Mo	MIN-200-12001		ICP/MS
Nb	MIN-200-12001		ICP-MS
Nd	MIN-200-12001		ICP-MS
Ni	MIN-200-12001		ICP/OES
P			ICP/OES
Pb	MIN-200-12001		ICP/MS
Pr	MIN-200-12001		ICP-MS
Rb	MIN-200-12001		ICP/MS
S	MIN-200-12001		ICP/OES
Sb	MIN-200-12001		ICP-MS
Sc	MIN-200-12001		ICP/OES
Si	MIN-200-12001		ICP/OES
Sm	MIN-200-12001		ICP-MS
Sn	MIN-200-12001		ICP/MS
Sr	MIN-200-12001		ICP-OES
Ta	MIN-200-12001		ICP-MS
Tb	MIN-200-12001		ICP-MS
Th	MIN-200-12001		ICP-MS

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B413917

PROJECT: DDH-251

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ti	MIN-200-12001		ICP/OES
Tl	MIN-200-12001		ICP-MS
Tm	MIN-200-12001		ICP-MS
U	MIN-200-12001		ICP-MS
V	MIN-200-12001		ICP/OES
W	MIN-200-12001		ICP-MS
Y	MIN-200-12001		ICP-MS
Yb	MIN-200-12001		ICP-MS
Zn	MIN-200-12001		ICP/OES
Zr	MIN-200-12001		ICP-MS
Pass %			BALANCE

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CLIENT NAME: FIRST COBALT CORP
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ATTENTION TO: FRANK SANTAGUIDA

PROJECT: DDH-252

AGAT WORK ORDER: 18B414062

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 10, 2019

PAGES (INCLUDING COVER): 40

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested. Results apply to samples as received.

AGAT Laboratories
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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E5723345 (9741859)	2.62
E5723346 (9741860)	0.01
E5723347 (9741861)	2.63
E5723348 (9741862)	2.73
E5723349 (9741863)	2.25
E5723350 (9741864)	2.05
E5723351 (9741865)	3.35
E5723352 (9741866)	1.60
E5723353 (9741867)	2.60
E5723354 (9741868)	3.03
E5723355 (9741869)	2.91
E5723356 (9741870)	2.45
E5723357 (9741871)	2.72
E5723358 (9741872)	2.72
E5723359 (9741873)	2.70
E5723360 (9741874)	2.91
E5723361 (9741875)	2.66
E5723362 (9741876)	2.73
E5723363 (9741877)	2.67
E5723364 (9741878)	2.46
E5723365 (9741879)	2.93
E5723366 (9741880)	0.01
E5723367 (9741881)	2.70
E5723368 (9741882)	2.47
E5723369 (9741883)	2.68
E5723370 (9741884)	2.39
E5723371 (9741885)	2.50
E5723372 (9741886)	1.40
E5723373 (9741887)	2.97
E5723374 (9741888)	2.17
E5723375 (9741889)	2.46

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E5723376 (9741890)	2.45
E5723377 (9741891)	2.36
E5723378 (9741892)	2.36
E5723379 (9741893)	1.93
E5723380 (9741894)	1.94
E5723381 (9741895)	2.10
E5723382 (9741896)	1.85
E5723383 (9741897)	1.80
E5723384 (9741898)	2.41
E5723385 (9741899)	2.70
E5723386 (9741900)	0.01
E5723387 (9741901)	2.16
E5723388 (9741902)	2.25
E5723389 (9741903)	2.21
E5723390 (9741904)	2.12
E5723391 (9741905)	1.65
E5723392 (9741906)	1.82
E5723393 (9741907)	0.84
E5723394 (9741908)	1.68
E5723395 (9741909)	0.01
E5723396 (9741910)	1.80
E5723397 (9741911)	2.22
E5723398 (9741912)	1.08
E5723399 (9741913)	2.03
E5723400 (9741914)	2.25
E5723401 (9741915)	2.18
E5723402 (9741916)	2.17
E5723403 (9741917)	2.18
E5723404 (9741918)	2.28
E5723405 (9741919)	2.11
E5723406 (9741920)	0.01

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E5723407 (9741921)	2.12
E5723408 (9741922)	1.10
E5723409 (9741923)	0.99
E5723410 (9741924)	1.30
E5723411 (9741925)	1.09
E5723412 (9741926)	1.47
E5723413 (9741927)	0.95
E5723414 (9741928)	1.16
E5723415 (9741929)	1.06
E5723416 (9741930)	0.98
E5723417 (9741931)	1.06
E5723418 (9741932)	0.54
E5723419 (9741933)	0.90
E5723420 (9741934)	1.14
E5723421 (9741935)	1.16
E5723422 (9741936)	1.15
E5723423 (9741937)	1.15
E5723424 (9741938)	1.19
E5723425 (9741939)	1.22
E5723426 (9741940)	0.01
E5723427 (9741941)	1.09
E5723428 (9741942)	0.89
E5723429 (9741943)	1.25
E5723430 (9741944)	0.91
E5723431 (9741945)	1.03
E5723432 (9741946)	1.46
E5723433 (9741947)	1.18
E5723434 (9741948)	1.21
E5723435 (9741949)	1.02
E5723436 (9741950)	0.92
E5723437 (9741951)	1.04

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E5723438 (9741952)	0.58
E5723439 (9741953)	1.05
E5723440 (9741954)	1.08
E5723441 (9741955)	1.15
E5723442 (9741956)	0.85
E5723443 (9741957)	1.06
E5723444 (9741958)	1.25
E5723445 (9741959)	1.06
E5723446 (9741960)	0.01
E5723447 (9741961)	1.11
E5723448 (9741962)	1.00
E5723449 (9741963)	1.09

Comments: RDL - Reported Detection Limit

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

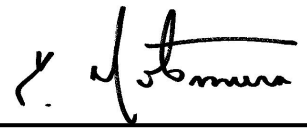
ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E5723345 (9741859)	<1	7.33	14	24	76.5	<5	0.2	7.14	<0.2	14.0	45.2	0.025	0.8	106
E5723346 (9741860)	<1	4.48	564	121	179	<5	7.7	4.02	<0.2	73.8	1020	0.006	2.4	2970
E5723347 (9741861)	<1	7.23	<5	20	100	<5	0.3	7.75	<0.2	13.4	47.6	0.028	1.4	130
E5723348 (9741862)	<1	7.69	<5	<20	83.6	<5	0.1	5.28	<0.2	15.6	44.4	0.025	1.3	156
E5723349 (9741863)	<1	9.09	<5	27	241	<5	<0.1	0.50	<0.2	50.0	27.6	0.020	1.6	29
E5723350 (9741864)	<1	9.99	<5	44	435	7	<0.1	0.56	<0.2	76.0	17.8	0.020	2.8	13
E5723351 (9741865)	<1	9.72	<5	34	336	<5	<0.1	0.32	<0.2	79.1	23.5	0.018	2.6	8
E5723352 (9741866)	<1	0.05	<5	<20	18.4	<5	<0.1	32.6	<0.2	0.9	0.8	<0.005	<0.1	6
E5723353 (9741867)	<1	6.47	<5	<20	104	<5	<0.1	0.25	<0.2	29.3	11.9	0.024	1.3	5
E5723354 (9741868)	<1	9.09	<5	40	306	<5	<0.1	0.25	<0.2	72.6	20.3	0.022	2.9	8
E5723355 (9741869)	<1	10.1	<5	43	316	<5	<0.1	0.25	<0.2	74.2	28.6	0.018	3.3	8
E5723356 (9741870)	<1	10.2	<5	55	482	5	<0.1	0.27	<0.2	87.5	16.8	0.018	4.2	13
E5723357 (9741871)	2	10.1	<5	49	414	<5	3.2	0.26	0.4	77.6	23.1	0.019	3.7	9
E5723358 (9741872)	<1	10.1	<5	47	411	<5	0.1	0.25	<0.2	71.0	21.7	0.018	3.3	7
E5723359 (9741873)	<1	10.1	<5	42	317	6	<0.1	0.25	<0.2	113	34.9	0.017	2.4	9
E5723360 (9741874)	<1	10.3	<5	51	324	<5	<0.1	0.25	<0.2	118	26.4	0.018	2.4	12
E5723361 (9741875)	<1	10.3	<5	36	170	<5	<0.1	0.28	<0.2	105	32.3	0.019	2.1	12
E5723362 (9741876)	<1	10.1	<5	54	247	<5	0.5	0.27	<0.2	174	45.5	0.017	1.8	38
E5723363 (9741877)	<1	10.9	<5	45	212	<5	0.3	0.26	<0.2	85.5	31.4	0.018	1.6	12
E5723364 (9741878)	<1	10.5	<5	57	281	<5	<0.1	0.22	<0.2	90.0	24.6	0.018	1.7	10
E5723365 (9741879)	<1	10.2	<5	64	234	<5	<0.1	0.25	<0.2	78.1	25.8	0.019	1.5	11
E5723366 (9741880)	<1	4.73	552	126	173	<5	7.9	4.22	<0.2	70.9	1030	0.006	2.6	3000
E5723367 (9741881)	<1	10.3	<5	70	317	<5	0.3	0.25	<0.2	91.2	23.7	0.019	1.9	10
E5723368 (9741882)	<1	10.3	<5	58	255	<5	0.1	0.24	<0.2	93.7	29.2	0.019	1.8	10
E5723369 (9741883)	<1	10.4	<5	67	320	<5	<0.1	0.29	<0.2	87.8	31.9	0.019	2.3	11
E5723370 (9741884)	<1	8.82	<5	50	184	<5	<0.1	0.25	<0.2	70.1	24.3	0.021	2.6	10
E5723371 (9741885)	<1	9.87	<5	58	229	<5	<0.1	0.27	<0.2	89.3	27.6	0.018	2.0	9
E5723372 (9741886)	<1	0.06	<5	<20	17.0	<5	<0.1	35.7	<0.2	0.9	0.8	<0.005	<0.1	<5
E5723373 (9741887)	<1	9.35	<5	62	163	<5	<0.1	0.26	<0.2	71.1	28.5	0.019	2.0	11
E5723374 (9741888)	<1	9.42	<5	69	246	5	0.9	0.30	<0.2	82.1	25.2	0.018	2.1	13
E5723375 (9741889)	<1	8.55	<5	21	103	<5	<0.1	0.27	<0.2	77.5	28.2	0.021	1.2	11
E5723376 (9741890)	<1	8.43	<5	<20	34.1	<5	<0.1	0.19	<0.2	21.7	21.5	0.018	0.5	10

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E5723377 (9741891)	<1	8.12	<5	<20	19.2	<5	<0.1	0.23	<0.2	6.6	17.9	0.019	0.2	8
E5723378 (9741892)	<1	8.06	<5	<20	18.9	<5	<0.1	0.22	<0.2	6.2	17.9	0.018	0.2	8
E5723379 (9741893)	<1	6.71	<5	<20	19.1	<5	<0.1	0.22	<0.2	12.9	14.6	0.026	<0.1	8
E5723380 (9741894)	<1	6.58	<5	<20	14.9	<5	<0.1	0.17	<0.2	7.8	13.8	0.023	0.2	7
E5723381 (9741895)	<1	6.73	<5	<20	16.0	<5	<0.1	0.17	<0.2	7.7	14.0	0.023	0.2	8
E5723382 (9741896)	<1	7.28	<5	<20	18.1	<5	<0.1	0.17	<0.2	33.2	19.7	0.023	0.3	11
E5723383 (9741897)	<1	7.18	<5	<20	19.5	<5	<0.1	0.17	<0.2	25.1	19.8	0.022	0.4	10
E5723384 (9741898)	<1	7.49	<5	<20	23.4	<5	<0.1	0.19	0.4	29.1	20.8	0.021	0.6	11
E5723385 (9741899)	<1	7.24	<5	<20	24.3	<5	0.4	0.47	<0.2	30.1	20.5	0.022	0.8	14
E5723386 (9741900)	<1	4.66	546	126	172	<5	7.6	4.20	<0.2	72.5	1010	0.006	2.5	3010
E5723387 (9741901)	<1	7.36	<5	<20	24.6	<5	0.7	0.43	<0.2	24.6	23.0	0.021	0.7	15
E5723388 (9741902)	<1	7.25	<5	24	33.3	<5	0.5	0.57	<0.2	28.1	23.4	0.021	0.7	31
E5723389 (9741903)	<1	8.19	<5	<20	34.0	<5	0.1	0.53	<0.2	19.1	39.6	0.026	0.8	546
E5723390 (9741904)	<1	7.17	<5	<20	76.8	<5	<0.1	1.29	<0.2	24.7	36.6	0.021	0.8	170
E5723391 (9741905)	<1	7.43	<5	<20	49.4	<5	<0.1	1.51	<0.2	43.9	30.6	0.016	0.5	108
E5723392 (9741906)	<1	0.06	<5	<20	23.5	<5	<0.1	34.7	<0.2	0.8	0.7	<0.005	<0.1	5
E5723393 (9741907)	3	5.16	346	337	27.7	<5	23.6	3.56	0.5	23.1	810	0.028	0.5	12900
E5723394 (9741908)	<1	0.06	<5	<20	22.6	<5	1.0	34.6	<0.2	0.9	1.2	<0.005	<0.1	12
E5723395 (9741909)	2	7.17	5480	<20	412	<5	11.5	8.46	<0.2	32.8	1410	0.014	0.5	915
E5723396 (9741910)	<1	7.91	21	<20	57.2	<5	0.5	1.86	<0.2	18.3	37.9	0.026	2.3	39
E5723397 (9741911)	<1	7.30	<5	<20	51.0	<5	<0.1	3.41	<0.2	16.9	58.8	0.044	1.1	109
E5723398 (9741912)	<1	7.45	<5	<20	49.4	<5	<0.1	3.24	<0.2	16.9	41.4	0.048	1.0	106
E5723399 (9741913)	<1	7.72	<5	<20	28.5	<5	<0.1	1.00	<0.2	10.0	59.2	0.022	0.7	132
E5723400 (9741914)	<1	7.17	<5	<20	24.7	<5	<0.1	0.44	<0.2	6.1	48.3	0.025	1.1	59
E5723401 (9741915)	<1	7.36	<5	<20	17.7	<5	<0.1	0.44	<0.2	6.9	41.8	0.027	0.8	115
E5723402 (9741916)	<1	7.02	<5	<20	24.6	<5	<0.1	0.25	<0.2	5.3	34.1	0.024	0.6	259
E5723403 (9741917)	<1	7.76	<5	<20	14.5	<5	0.3	0.35	<0.2	7.3	41.7	0.024	0.4	104
E5723404 (9741918)	<1	7.54	<5	<20	19.7	<5	<0.1	0.22	<0.2	6.9	54.3	0.026	0.5	22
E5723405 (9741919)	<1	7.58	<5	<20	20.5	<5	<0.1	0.31	<0.2	6.9	43.5	0.025	0.5	15
E5723406 (9741920)	<1	4.73	567	127	182	<5	8.6	4.23	<0.2	73.8	1030	0.006	2.6	2990
E5723407 (9741921)	<1	4.85	<5	<20	18.1	<5	0.3	1.08	<0.2	10.3	23.5	0.036	0.5	49
E5723408 (9741922)	<1	2.10	<5	<20	15.2	<5	0.1	1.47	<0.2	10.6	15.9	0.035	<0.1	109

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E5723409 (9741923)	<1	1.65	<5	<20	13.2	<5	<0.1	1.42	<0.2	9.0	11.0	0.036	<0.1	101
E5723410 (9741924)	<1	1.90	<5	<20	17.4	<5	0.2	0.49	<0.2	4.5	19.8	0.039	0.2	69
E5723411 (9741925)	<1	2.78	13	<20	13.4	<5	0.5	0.21	<0.2	4.4	57.9	0.032	0.6	1310
E5723412 (9741926)	<1	0.05	<5	<20	22.9	<5	<0.1	33.9	<0.2	0.9	0.8	<0.005	<0.1	<5
E5723413 (9741927)	<1	1.80	<5	<20	17.4	<5	<0.1	0.56	<0.2	3.0	21.7	0.038	<0.1	135
E5723414 (9741928)	<1	1.75	6	20	27.7	<5	0.4	0.40	<0.2	2.7	35.3	0.036	<0.1	159
E5723415 (9741929)	<1	1.96	<5	63	37.3	<5	<0.1	0.70	<0.2	3.2	10.5	0.038	<0.1	13
E5723416 (9741930)	<1	0.53	<5	<20	11.9	<5	<0.1	0.93	<0.2	4.5	8.1	0.042	<0.1	58
E5723417 (9741931)	<1	2.70	11	35	18.9	<5	0.4	0.28	<0.2	3.9	39.0	0.042	0.2	162
E5723418 (9741932)	<1	2.39	7	79	19.4	<5	0.3	0.34	<0.2	3.6	29.5	0.043	0.2	193
E5723419 (9741933)	<1	3.89	17	<20	20.7	<5	0.7	0.24	<0.2	5.9	44.9	0.034	0.6	500
E5723420 (9741934)	<1	4.92	11	<20	21.8	<5	0.3	0.35	<0.2	7.3	58.4	0.026	0.8	59
E5723421 (9741935)	<1	4.65	8	<20	28.6	<5	0.1	0.71	<0.2	7.2	58.1	0.036	0.8	47
E5723422 (9741936)	<1	6.07	11	<20	24.7	<5	0.4	0.53	<0.2	8.6	46.2	0.023	1.2	53
E5723423 (9741937)	<1	5.66	7	<20	25.8	<5	0.3	0.65	<0.2	8.6	83.0	0.023	1.5	71
E5723424 (9741938)	<1	5.49	9	<20	19.4	<5	0.4	0.37	<0.2	8.3	50.2	0.023	1.8	238
E5723425 (9741939)	<1	5.96	11	<20	29.2	<5	0.3	0.55	<0.2	7.7	67.7	0.020	1.6	185
E5723426 (9741940)	<1	4.72	565	131	176	<5	6.9	4.31	<0.2	63.1	990	0.006	2.3	3050
E5723427 (9741941)	<1	4.25	21	<20	21.5	<5	0.9	0.33	<0.2	6.5	78.5	0.025	0.7	263
E5723428 (9741942)	<1	4.92	6	<20	19.0	<5	0.2	0.57	<0.2	7.0	40.4	0.026	0.8	173
E5723429 (9741943)	<1	6.39	5	<20	26.5	<5	0.1	0.65	<0.2	7.4	48.7	0.029	1.0	17
E5723430 (9741944)	<1	3.07	7	<20	18.5	<5	0.3	0.45	<0.2	4.8	41.7	0.032	0.4	192
E5723431 (9741945)	<1	4.43	15	<20	16.6	<5	1.1	0.82	<0.2	9.8	72.4	0.029	0.4	1120
E5723432 (9741946)	<1	0.05	<5	<20	20.5	<5	<0.1	34.3	0.4	0.7	1.2	<0.005	<0.1	14
E5723433 (9741947)	<1	4.90	9	<20	17.1	<5	0.3	1.08	<0.2	8.8	53.7	0.028	0.3	125
E5723434 (9741948)	<1	3.10	<5	<20	22.7	<5	0.3	1.35	<0.2	5.4	25.2	0.032	0.1	673
E5723435 (9741949)	<1	2.15	7	<20	12.7	<5	0.6	1.75	<0.2	7.0	31.5	0.034	<0.1	1450
E5723436 (9741950)	<1	0.69	<5	<20	16.4	<5	<0.1	2.33	0.3	9.0	7.4	0.040	<0.1	58
E5723437 (9741951)	<1	1.26	<5	<20	25.9	<5	<0.1	0.66	<0.2	3.2	6.9	0.037	0.2	41
E5723438 (9741952)	<1	0.54	<5	<20	22.3	<5	<0.1	0.65	0.3	3.3	3.8	0.052	<0.1	61
E5723439 (9741953)	<1	4.09	11	<20	14.3	<5	0.5	0.66	<0.2	7.4	41.0	0.034	0.2	540
E5723440 (9741954)	<1	2.87	8	<20	18.3	<5	0.5	0.58	0.8	6.0	30.8	0.044	<0.1	397

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E5723441 (9741955)	<1	2.30	12	<20	23.1	<5	0.5	0.74	0.4	7.5	38.1	0.042	<0.1	315
E5723442 (9741956)	<1	0.63	<5	<20	18.2	<5	<0.1	1.07	<0.2	4.6	4.1	0.048	<0.1	215
E5723443 (9741957)	<1	2.27	<5	<20	32.7	<5	<0.1	1.49	<0.2	11.4	10.2	0.036	<0.1	62
E5723444 (9741958)	<1	0.97	<5	<20	14.4	<5	<0.1	0.85	<0.2	3.6	4.8	0.052	<0.1	16
E5723445 (9741959)	<1	0.90	<5	<20	21.3	<5	<0.1	0.41	<0.2	1.6	3.8	0.039	<0.1	13
E5723446 (9741960)	<1	4.73	561	127	175	<5	7.1	4.29	<0.2	70.6	990	0.006	2.5	2990
E5723447 (9741961)	<1	0.92	<5	<20	16.6	<5	0.3	0.37	<0.2	1.8	4.5	0.044	<0.1	7
E5723448 (9741962)	<1	1.26	<5	<20	11.6	<5	<0.1	0.24	<0.2	2.4	6.0	0.047	0.1	8
E5723449 (9741963)	<1	1.37	<5	<20	20.5	<5	<0.1	0.71	<0.2	3.3	5.3	0.042	<0.1	64

Certified By:

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E5723345 (9741859)	2.72	1.74	0.62	7.05	14.5	2.64	2	1	0.55	<0.2	0.56	6.5	38	0.23
E5723346 (9741860)	3.21	1.98	0.99	3.08	11.3	4.50	2	5	0.62	0.2	3.29	36.2	<10	0.27
E5723347 (9741861)	2.67	1.66	0.65	7.05	14.3	2.47	2	1	0.58	<0.2	0.60	6.2	19	0.24
E5723348 (9741862)	2.75	1.78	0.60	6.78	14.4	2.73	1	1	0.58	<0.2	0.53	7.3	46	0.24
E5723349 (9741863)	3.59	1.99	0.99	5.71	20.8	4.12	2	3	0.73	<0.2	2.80	23.7	99	0.29
E5723350 (9741864)	4.55	2.57	1.42	5.59	25.9	5.60	2	5	0.93	<0.2	3.63	35.6	67	0.34
E5723351 (9741865)	3.89	2.31	1.36	6.55	25.1	5.45	2	4	0.78	<0.2	3.27	39.4	84	0.31
E5723352 (9741866)	0.16	0.13	<0.05	0.08	0.16	0.20	1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
E5723353 (9741867)	1.44	0.91	0.45	3.11	15.2	2.12	1	3	0.27	<0.2	1.13	14.3	33	0.12
E5723354 (9741868)	3.22	1.90	1.03	5.55	23.9	4.49	1	4	0.65	<0.2	3.52	35.7	81	0.30
E5723355 (9741869)	3.92	2.25	1.23	7.02	26.3	5.31	2	4	0.74	<0.2	3.79	35.5	92	0.35
E5723356 (9741870)	4.01	2.36	1.42	5.71	26.0	5.43	2	4	0.82	<0.2	5.62	41.9	80	0.37
E5723357 (9741871)	4.20	2.31	1.44	5.67	25.7	5.30	2	4	0.84	1.3	4.82	37.3	86	0.37
E5723358 (9741872)	3.97	2.28	1.34	5.66	25.2	5.01	2	4	0.78	<0.2	4.78	34.2	87	0.36
E5723359 (9741873)	7.35	3.79	2.34	7.12	27.4	9.88	2	4	1.42	<0.2	3.96	55.8	104	0.46
E5723360 (9741874)	4.58	2.56	1.70	6.55	26.5	6.90	2	4	0.93	<0.2	3.99	56.2	106	0.39
E5723361 (9741875)	7.51	4.26	1.93	6.46	25.3	8.86	2	5	1.54	<0.2	2.32	50.0	94	0.53
E5723362 (9741876)	7.33	3.54	3.49	6.68	27.2	12.0	2	4	1.37	<0.2	3.09	87.0	113	0.42
E5723363 (9741877)	4.94	2.78	1.59	6.83	27.9	6.93	2	5	0.98	<0.2	2.82	41.2	123	0.39
E5723364 (9741878)	3.49	2.16	1.31	6.30	28.0	5.49	2	5	0.73	<0.2	3.36	43.2	124	0.35
E5723365 (9741879)	4.17	2.38	1.30	6.59	24.7	5.58	2	4	0.87	<0.2	2.79	37.7	113	0.37
E5723366 (9741880)	3.31	2.09	1.01	3.21	11.5	4.56	1	5	0.71	0.2	3.60	34.8	<10	0.35
E5723367 (9741881)	6.31	3.18	1.58	6.20	26.8	7.84	2	4	1.21	<0.2	3.88	41.7	112	0.42
E5723368 (9741882)	3.29	2.13	1.20	6.64	25.3	4.95	2	4	0.69	<0.2	3.19	43.7	108	0.36
E5723369 (9741883)	3.10	1.86	1.41	6.87	26.5	5.04	2	4	0.67	<0.2	3.99	40.6	112	0.38
E5723370 (9741884)	2.59	1.53	1.13	5.56	21.3	4.07	2	5	0.55	<0.2	2.50	32.6	86	0.29
E5723371 (9741885)	4.47	2.51	1.58	5.99	25.2	5.75	2	5	0.89	<0.2	2.69	40.4	97	0.37
E5723372 (9741886)	0.23	0.17	0.10	0.07	0.19	0.25	1	<1	0.07	<0.2	0.05	1.1	<10	<0.05
E5723373 (9741887)	3.27	1.86	1.13	6.16	24.0	4.41	1	5	0.65	<0.2	1.86	31.6	102	0.34
E5723374 (9741888)	3.09	1.73	1.28	5.44	22.4	4.74	2	5	0.61	<0.2	2.67	37.0	98	0.32
E5723375 (9741889)	2.71	1.58	1.15	5.58	21.5	4.75	2	5	0.56	<0.2	1.03	35.3	82	0.28
E5723376 (9741890)	1.50	1.06	0.47	4.92	18.2	1.90	1	5	0.35	<0.2	0.28	9.7	64	0.22

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E5723377 (9741891)	1.66	1.02	0.53	4.32	16.9	1.70	1	5	0.36	<0.2	0.21	2.5	60	0.18
E5723378 (9741892)	1.68	0.92	0.55	4.28	16.8	1.68	1	5	0.35	<0.2	0.21	2.4	60	0.17
E5723379 (9741893)	1.19	0.73	0.55	3.71	14.4	1.59	<1	4	0.27	<0.2	0.16	5.7	49	0.15
E5723380 (9741894)	1.29	0.79	0.39	4.24	13.7	1.47	<1	5	0.25	<0.2	0.15	3.2	54	0.14
E5723381 (9741895)	1.21	0.77	0.29	4.02	14.1	1.19	<1	4	0.24	<0.2	0.14	3.2	58	0.14
E5723382 (9741896)	2.06	1.25	0.51	5.35	16.6	2.55	1	3	0.42	<0.2	0.15	14.4	80	0.20
E5723383 (9741897)	1.82	1.13	0.44	5.17	16.0	2.15	1	3	0.35	<0.2	0.16	11.0	85	0.18
E5723384 (9741898)	2.88	1.97	0.64	6.14	16.3	2.99	1	3	0.61	<0.2	0.18	12.7	79	0.29
E5723385 (9741899)	2.92	1.80	0.75	5.96	15.8	3.44	1	4	0.59	<0.2	0.23	13.4	98	0.28
E5723386 (9741900)	3.22	2.03	0.95	3.22	11.2	4.40	1	4	0.63	<0.2	3.52	35.7	<10	0.29
E5723387 (9741901)	2.55	1.79	0.59	6.08	16.2	2.85	1	3	0.59	<0.2	0.20	11.1	100	0.28
E5723388 (9741902)	2.99	1.74	0.77	5.75	15.8	3.36	1	3	0.61	<0.2	0.27	13.0	102	0.25
E5723389 (9741903)	2.92	1.89	0.74	7.10	17.3	2.88	1	2	0.60	<0.2	0.26	8.5	109	0.28
E5723390 (9741904)	2.55	1.57	0.80	5.53	15.9	2.93	1	2	0.51	<0.2	0.53	11.0	88	0.23
E5723391 (9741905)	2.80	1.75	1.00	4.18	16.0	3.79	1	4	0.54	<0.2	0.49	20.4	70	0.25
E5723392 (9741906)	0.19	0.09	<0.05	0.06	0.16	0.19	1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
E5723393 (9741907)	2.45	1.45	0.74	13.1	11.5	3.12	1	2	0.47	0.3	0.16	9.2	66	0.19
E5723394 (9741908)	0.20	0.12	0.06	0.07	0.16	0.24	1	<1	<0.05	<0.2	0.06	1.1	<10	<0.05
E5723395 (9741909)	3.05	1.71	1.19	5.34	16.6	3.85	2	2	0.57	<0.2	1.14	15.6	14	0.23
E5723396 (9741910)	3.03	1.96	0.83	7.05	16.6	3.06	1	2	0.65	<0.2	0.52	7.6	104	0.30
E5723397 (9741911)	3.12	1.96	0.81	7.03	16.2	3.31	1	2	0.64	<0.2	0.35	6.8	101	0.28
E5723398 (9741912)	3.25	2.03	0.85	7.09	16.4	3.50	1	2	0.68	<0.2	0.37	6.8	108	0.27
E5723399 (9741913)	2.52	1.78	0.63	6.69	14.5	2.09	1	2	0.57	<0.2	0.19	3.8	92	0.28
E5723400 (9741914)	1.99	1.36	0.36	7.13	13.7	1.60	1	1	0.43	<0.2	0.22	2.6	109	0.22
E5723401 (9741915)	4.75	2.55	0.96	7.77	15.6	3.82	1	1	0.91	<0.2	0.13	2.7	106	0.30
E5723402 (9741916)	1.56	1.15	0.30	8.49	14.9	1.22	2	1	0.33	<0.2	0.22	2.6	98	0.18
E5723403 (9741917)	1.85	1.16	0.44	9.70	16.9	1.47	2	1	0.38	<0.2	0.14	3.3	91	0.20
E5723404 (9741918)	2.02	1.46	0.40	8.36	15.9	1.52	1	1	0.43	<0.2	0.14	3.1	82	0.21
E5723405 (9741919)	5.09	2.90	0.83	8.02	15.9	4.03	1	1	1.03	<0.2	0.18	2.9	87	0.30
E5723406 (9741920)	3.35	1.95	0.98	3.22	11.4	4.61	1	5	0.69	0.2	3.46	35.9	<10	0.29
E5723407 (9741921)	2.53	1.35	0.63	5.80	11.5	2.29	1	<1	0.49	<0.2	0.19	4.7	66	0.15
E5723408 (9741922)	1.27	0.60	0.40	3.41	5.54	1.48	<1	<1	0.21	<0.2	0.10	5.2	48	0.07

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E5723409 (9741923)	1.06	0.49	0.37	2.42	3.87	1.32	<1	<1	0.17	<0.2	0.07	4.6	41	0.05
E5723410 (9741924)	0.66	0.41	0.21	2.51	4.67	0.73	<1	<1	0.13	<0.2	0.11	2.1	37	0.05
E5723411 (9741925)	0.78	0.54	0.21	3.96	7.18	0.77	<1	<1	0.16	<0.2	0.13	1.9	56	0.08
E5723412 (9741926)	0.18	0.12	<0.05	0.07	0.15	0.20	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
E5723413 (9741927)	0.36	0.23	0.09	2.31	4.00	0.38	<1	<1	0.07	<0.2	0.12	1.4	41	<0.05
E5723414 (9741928)	0.52	0.29	0.17	2.30	4.12	0.53	<1	<1	0.09	<0.2	0.15	1.2	43	<0.05
E5723415 (9741929)	0.82	0.47	0.18	2.62	5.14	0.81	<1	<1	0.15	<0.2	0.17	1.3	43	0.08
E5723416 (9741930)	0.40	0.19	0.11	1.02	1.47	0.51	<1	<1	0.07	<0.2	0.08	2.1	31	<0.05
E5723417 (9741931)	1.02	0.65	0.22	3.21	6.37	0.98	<1	<1	0.20	<0.2	0.12	1.6	64	0.10
E5723418 (9741932)	0.90	0.61	0.19	2.97	5.96	0.84	<1	<1	0.17	<0.2	0.15	1.4	59	0.09
E5723419 (9741933)	1.15	0.74	0.21	4.09	7.21	1.13	<1	1	0.26	<0.2	0.17	2.6	58	0.12
E5723420 (9741934)	1.39	0.93	0.27	5.30	11.0	1.16	<1	1	0.28	<0.2	0.16	3.1	74	0.13
E5723421 (9741935)	1.38	0.92	0.36	5.46	9.78	1.37	1	1	0.30	<0.2	0.21	2.8	83	0.16
E5723422 (9741936)	2.30	1.50	0.29	6.67	12.7	1.60	<1	1	0.49	<0.2	0.17	3.7	99	0.24
E5723423 (9741937)	2.14	1.43	0.31	6.12	11.2	1.59	<1	1	0.43	<0.2	0.20	3.9	89	0.22
E5723424 (9741938)	1.26	0.79	0.30	7.71	14.7	1.28	1	1	0.25	<0.2	0.25	3.8	93	0.14
E5723425 (9741939)	1.32	1.08	0.26	7.28	13.8	1.29	1	2	0.32	<0.2	0.38	3.5	92	0.20
E5723426 (9741940)	3.03	1.77	0.85	3.26	10.1	4.14	1	4	0.61	<0.2	3.60	31.0	<10	0.26
E5723427 (9741941)	1.06	0.68	0.22	4.77	8.34	0.99	<1	1	0.21	<0.2	0.21	3.0	63	0.12
E5723428 (9741942)	1.11	0.68	0.34	5.40	10.3	1.18	<1	1	0.24	<0.2	0.24	3.6	65	0.12
E5723429 (9741943)	1.16	0.78	0.49	6.86	12.5	1.30	1	1	0.24	<0.2	0.30	3.5	79	0.14
E5723430 (9741944)	0.72	0.42	0.14	3.29	5.04	0.67	<1	<1	0.13	<0.2	0.16	2.3	43	0.07
E5723431 (9741945)	2.02	1.19	0.47	5.38	9.87	1.90	1	1	0.41	<0.2	0.14	4.5	74	0.17
E5723432 (9741946)	0.18	0.14	<0.05	0.09	0.11	0.20	1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
E5723433 (9741947)	2.16	1.30	0.63	6.28	10.6	2.00	1	<1	0.44	<0.2	0.13	3.4	76	0.18
E5723434 (9741948)	1.33	0.83	0.34	3.53	6.31	1.46	<1	<1	0.25	<0.2	0.11	2.3	50	0.11
E5723435 (9741949)	2.65	1.67	0.39	2.95	4.62	2.23	<1	<1	0.53	<0.2	0.08	3.1	42	0.23
E5723436 (9741950)	1.96	1.10	0.28	1.55	1.91	1.84	<1	<1	0.39	<0.2	0.09	4.7	25	0.15
E5723437 (9741951)	0.53	0.30	0.08	1.71	2.33	0.52	<1	<1	0.10	<0.2	0.15	1.5	23	<0.05
E5723438 (9741952)	0.49	0.30	0.08	1.12	1.22	0.55	<1	<1	0.09	<0.2	0.07	1.6	18	<0.05
E5723439 (9741953)	1.58	1.09	0.36	5.32	8.92	1.32	<1	<1	0.35	<0.2	0.13	3.0	66	0.15
E5723440 (9741954)	1.06	0.68	0.25	3.77	5.81	1.11	<1	<1	0.22	<0.2	0.16	2.5	53	0.10

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E5723441 (9741955)	0.83	0.58	0.17	3.08	4.49	0.89	<1	<1	0.20	<0.2	0.16	3.2	40	0.08
E5723442 (9741956)	0.43	0.22	0.15	1.30	1.52	0.48	<1	<1	0.08	<0.2	0.08	2.2	14	<0.05
E5723443 (9741957)	1.81	1.03	0.32	3.27	4.76	1.94	<1	<1	0.33	<0.2	0.24	4.9	38	0.13
E5723444 (9741958)	0.59	0.33	0.09	1.53	2.01	0.58	<1	<1	0.10	<0.2	0.12	1.5	29	<0.05
E5723445 (9741959)	0.31	0.22	0.05	1.46	1.87	0.31	<1	<1	0.07	<0.2	0.17	0.6	25	<0.05
E5723446 (9741960)	3.22	1.99	0.94	3.27	10.8	4.63	1	4	0.67	<0.2	3.57	34.6	11	0.27
E5723447 (9741961)	0.29	0.20	0.06	1.41	2.01	0.37	<1	<1	0.06	<0.2	0.14	0.8	21	<0.05
E5723448 (9741962)	0.53	0.32	0.07	2.07	2.77	0.51	<1	<1	0.10	<0.2	0.12	0.9	35	<0.05
E5723449 (9741963)	0.54	0.32	0.11	1.84	2.84	0.54	<1	<1	0.11	<0.2	0.19	1.3	34	<0.05

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E5723345 (9741859)	3.86	1610	5	2	7.9	109	0.03	<5	1.76	27.4	0.06	0.4	38	22.2
E5723346 (9741860)	2.46	448	12	8	32.1	176	0.07	12	8.49	108	1.64	1.7	7	26.1
E5723347 (9741861)	4.23	1270	7	1	7.1	107	0.02	<5	1.62	31.3	0.07	0.2	39	23.1
E5723348 (9741862)	4.23	986	3	1	7.9	114	0.03	<5	1.90	26.5	0.05	0.2	39	23.2
E5723349 (9741863)	3.18	372	<2	7	20.8	88	0.07	<5	5.55	87.8	<0.01	0.3	25	25.5
E5723350 (9741864)	1.51	235	2	11	30.7	91	0.11	<5	8.10	175	<0.01	0.8	20	25.9
E5723351 (9741865)	2.22	194	<2	10	32.6	84	0.09	<5	8.77	158	<0.01	0.6	20	25.2
E5723352 (9741866)	1.51	18	<2	<1	0.7	<5	<0.01	<5	0.16	0.2	0.02	<0.1	<5	4.64
E5723353 (9741867)	1.13	128	12	6	12.3	45	0.04	<5	3.26	48.6	0.01	0.3	10	32.4
E5723354 (9741868)	2.06	160	4	10	30.4	111	0.08	<5	7.99	171	<0.01	0.7	18	26.6
E5723355 (9741869)	2.55	198	<2	10	31.0	98	0.09	<5	8.35	189	<0.01	0.7	21	24.7
E5723356 (9741870)	1.50	94	<2	11	35.6	75	0.10	<5	9.54	291	0.01	0.7	20	26.2
E5723357 (9741871)	2.07	129	2	10	31.6	86	0.09	8	8.60	240	<0.01	1.4	19	27.0
E5723358 (9741872)	2.00	128	<2	10	29.3	81	0.09	<5	7.94	233	<0.01	0.7	19	27.1
E5723359 (9741873)	2.95	207	<2	10	49.6	99	0.09	<5	12.9	193	0.02	0.8	21	24.8
E5723360 (9741874)	3.02	190	<2	10	48.2	101	0.09	7	12.9	185	<0.01	0.7	22	25.2
E5723361 (9741875)	3.46	240	<2	10	43.7	120	0.09	<5	11.8	99.6	0.08	0.7	21	24.7
E5723362 (9741876)	3.28	234	2	10	73.3	104	0.09	<5	19.4	144	0.09	0.6	21	24.6
E5723363 (9741877)	3.88	239	<2	11	37.3	121	0.10	<5	9.73	128	<0.01	0.7	22	24.1
E5723364 (9741878)	3.30	199	<2	10	38.0	106	0.09	<5	10.1	145	<0.01	0.7	22	25.3
E5723365 (9741879)	3.09	212	<2	10	32.5	102	0.10	<5	8.70	121	<0.01	0.6	20	24.9
E5723366 (9741880)	2.48	466	13	8	29.6	171	0.07	12	8.09	111	1.58	1.6	7	27.4
E5723367 (9741881)	3.00	175	<2	11	39.4	93	0.09	<5	10.2	165	<0.01	0.7	21	25.2
E5723368 (9741882)	3.03	202	<2	10	36.9	98	0.08	<5	10.1	146	<0.01	0.6	22	25.0
E5723369 (9741883)	2.99	202	<2	11	34.5	91	0.10	<5	9.34	181	<0.01	0.7	22	24.4
E5723370 (9741884)	2.49	188	6	11	28.0	72	0.07	<5	7.37	104	<0.01	0.5	17	27.7
E5723371 (9741885)	2.66	209	3	12	34.8	75	0.08	<5	9.33	133	<0.01	0.6	19	25.1
E5723372 (9741886)	1.01	<10	<2	<1	0.7	<5	<0.01	<5	0.21	<0.2	<0.01	<0.1	<5	4.06
E5723373 (9741887)	3.15	251	3	12	27.1	91	0.07	<5	7.46	86.6	<0.01	0.5	20	25.9
E5723374 (9741888)	3.01	230	3	11	31.4	77	0.07	<5	8.33	129	<0.01	0.7	19	26.6
E5723375 (9741889)	3.30	256	5	9	31.6	88	0.09	5	8.51	54.9	<0.01	0.4	17	27.6
E5723376 (9741890)	2.54	256	3	8	9.6	69	0.06	<5	2.47	11.3	<0.01	0.4	13	28.4

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E5723377 (9741891)	2.24	260	6	6	5.3	58	0.05	<5	1.03	2.1	<0.01	0.2	12	30.0
E5723378 (9741892)	2.14	260	5	7	4.9	58	0.05	<5	0.97	2.1	<0.01	0.2	12	29.7
E5723379 (9741893)	1.88	211	10	6	7.3	54	0.04	<5	1.65	1.3	<0.01	0.2	10	32.6
E5723380 (9741894)	2.00	221	9	6	5.1	46	0.04	<5	1.09	1.2	<0.01	0.2	9	32.0
E5723381 (9741895)	2.05	229	10	5	4.5	49	0.04	<5	0.98	1.3	<0.01	0.1	10	32.2
E5723382 (9741896)	2.92	303	7	4	14.4	62	0.05	<5	3.75	2.0	<0.01	0.2	22	29.3
E5723383 (9741897)	3.03	284	8	4	11.5	59	0.04	<5	2.97	2.5	<0.01	0.2	19	29.9
E5723384 (9741898)	3.35	293	5	4	14.8	65	0.05	<5	3.54	3.8	<0.01	0.2	25	28.2
E5723385 (9741899)	3.86	325	9	4	15.6	72	0.06	7	3.69	3.9	<0.01	0.3	24	28.1
E5723386 (9741900)	2.51	462	12	7	31.3	170	0.07	12	8.20	107	1.58	1.6	7	27.3
E5723387 (9741901)	3.98	358	6	4	12.2	62	0.05	<5	2.97	3.6	0.03	0.3	26	28.0
E5723388 (9741902)	3.91	372	7	3	14.2	63	0.04	5	3.38	5.9	0.12	0.2	23	28.7
E5723389 (9741903)	5.23	473	4	2	10.7	87	0.05	<5	2.44	6.9	0.10	0.2	33	25.8
E5723390 (9741904)	3.76	437	10	3	13.2	79	0.04	<5	3.08	20.8	0.11	0.2	24	28.0
E5723391 (9741905)	2.83	397	7	9	20.9	55	0.05	<5	5.30	11.5	0.09	0.2	15	29.0
E5723392 (9741906)	1.10	<10	<2	<1	0.7	<5	<0.01	<5	0.15	<0.2	0.04	<0.1	<5	5.12
E5723393 (9741907)	3.83	547	8	2	13.9	437	0.09	426	3.06	6.3	10.3	9.3	17	19.2
E5723394 (9741908)	1.55	11	<2	<1	0.8	6	<0.01	7	0.18	0.4	0.04	<0.1	<5	4.81
E5723395 (9741909)	2.39	951	16	3	17.1	403	0.07	6	3.99	29.6	0.28	8.4	21	23.4
E5723396 (9741910)	6.07	620	3	2	11.0	110	0.07	<5	2.46	30.8	0.08	0.3	37	24.0
E5723397 (9741911)	5.55	710	<2	2	11.0	142	0.10	<5	2.39	15.9	0.16	0.3	30	23.3
E5723398 (9741912)	5.55	708	<2	2	11.7	144	0.11	<5	2.44	14.8	0.09	0.3	30	23.3
E5723399 (9741913)	4.34	491	5	2	6.6	84	0.04	<5	1.48	7.1	0.18	0.3	35	26.6
E5723400 (9741914)	4.25	456	5	<1	3.7	97	0.03	<5	0.81	7.5	0.18	0.3	37	27.2
E5723401 (9741915)	4.27	476	15	1	5.7	103	0.03	<5	1.08	3.6	0.08	0.4	36	26.9
E5723402 (9741916)	3.60	494	3	1	3.1	99	0.03	<5	0.68	8.9	0.03	0.5	32	27.8
E5723403 (9741917)	3.76	556	3	<1	4.4	109	0.04	9	0.93	3.9	0.03	0.5	38	25.5
E5723404 (9741918)	3.52	482	7	1	3.8	105	0.03	6	0.85	3.7	0.13	0.8	41	27.2
E5723405 (9741919)	3.51	500	4	1	4.7	95	0.03	<5	0.98	5.8	0.05	0.6	35	27.5
E5723406 (9741920)	2.51	468	12	7	31.6	178	0.07	12	8.33	112	1.65	1.7	7	27.4
E5723407 (9741921)	2.56	467	9	<1	6.2	76	0.05	12	1.34	5.5	0.03	0.3	23	32.9
E5723408 (9741922)	1.66	419	20	<1	5.8	46	<0.01	6	1.34	1.4	0.04	0.2	13	38.6

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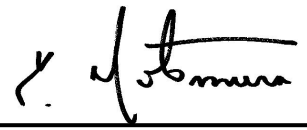

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

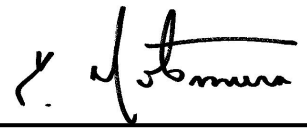
ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E5723409 (9741923)	1.17	321	21	<1	5.1	39	<0.01	8	1.13	1.1	0.03	0.2	9	40.3
E5723410 (9741924)	1.21	234	30	<1	2.7	47	0.01	9	0.59	2.4	0.06	0.1	9	39.0
E5723411 (9741925)	2.02	290	43	<1	2.4	62	0.02	<5	0.56	4.9	0.38	0.3	14	37.6
E5723412 (9741926)	0.98	11	<2	<1	0.8	<5	<0.01	<5	0.17	<0.2	0.02	<0.1	<5	4.84
E5723413 (9741927)	1.12	237	29	<1	1.6	37	<0.01	10	0.35	1.5	0.08	0.1	10	40.7
E5723414 (9741928)	1.17	221	28	<1	1.8	49	<0.01	20	0.36	2.0	0.16	0.1	7	41.0
E5723415 (9741929)	1.51	282	25	<1	2.4	57	0.01	15	0.46	2.2	0.01	0.1	9	39.8
E5723416 (9741930)	0.49	180	30	<1	2.3	25	0.01	8	0.56	1.0	0.02	0.2	<5	43.4
E5723417 (9741931)	1.78	263	80	<1	2.8	73	0.03	10	0.55	2.3	0.22	0.2	11	39.2
E5723418 (9741932)	1.65	252	77	<1	2.6	70	0.03	10	0.50	2.4	0.17	0.2	10	39.9
E5723419 (9741933)	1.97	300	43	<1	3.2	66	0.02	15	0.76	6.8	0.41	0.6	20	36.3
E5723420 (9741934)	2.92	402	13	<1	3.8	78	0.03	<5	0.89	7.2	0.24	0.4	26	34.3
E5723421 (9741935)	3.27	428	15	<1	4.3	86	0.04	7	0.96	4.7	0.31	0.2	22	33.0
E5723422 (9741936)	4.00	476	7	<1	5.0	92	0.03	6	1.11	6.7	0.57	0.3	33	30.7
E5723423 (9741937)	3.60	441	11	<1	4.7	80	0.03	<5	1.07	10.8	0.51	0.3	28	30.5
E5723424 (9741938)	3.76	557	6	<1	4.3	91	0.03	<5	0.99	15.2	0.22	0.3	30	30.3
E5723425 (9741939)	3.36	535	6	2	4.2	92	0.04	<5	0.97	22.6	0.22	0.3	27	30.2
E5723426 (9741940)	2.60	473	11	6	28.2	171	0.07	11	7.55	107	1.63	1.4	7	27.5
E5723427 (9741941)	2.17	311	28	<1	3.4	64	0.03	<5	0.82	8.3	0.43	0.3	21	35.8
E5723428 (9741942)	2.35	428	12	<1	3.7	72	0.02	<5	0.85	8.8	0.09	0.3	25	33.1
E5723429 (9741943)	3.07	451	12	<1	4.3	88	0.04	<5	0.91	11.0	0.11	0.3	31	29.9
E5723430 (9741944)	1.55	261	44	<1	2.5	57	0.02	<5	0.58	4.3	0.31	0.1	13	39.8
E5723431 (9741945)	2.50	402	98	<1	5.9	88	0.03	<5	1.31	4.1	0.57	0.2	24	34.3
E5723432 (9741946)	1.18	<10	<2	<1	0.7	6	<0.01	<5	0.16	<0.2	0.02	<0.1	<5	5.29
E5723433 (9741947)	2.94	480	29	<1	6.6	84	0.03	<5	1.34	3.0	0.27	0.2	25	32.0
E5723434 (9741948)	1.72	372	45	<1	4.1	58	0.02	11	0.84	1.7	0.19	0.1	15	38.4
E5723435 (9741949)	1.39	425	105	<1	5.4	44	0.01	7	1.02	1.6	0.45	0.3	10	38.6
E5723436 (9741950)	0.70	355	30	<1	5.3	25	<0.01	14	1.11	1.2	0.03	0.6	<5	40.8
E5723437 (9741951)	0.79	209	26	<1	1.8	26	<0.01	14	0.39	3.3	0.02	<0.1	<5	44.0
E5723438 (9741952)	0.43	158	38	<1	1.8	20	<0.01	21	0.38	1.5	0.01	<0.1	<5	44.5
E5723439 (9741953)	2.67	457	122	<1	4.4	81	0.02	<5	0.98	2.9	0.29	0.1	21	34.1
E5723440 (9741954)	1.61	355	532	<1	3.7	57	0.02	5	0.83	2.4	0.24	0.1	12	39.9

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E5723441 (9741955)	1.33	315	260	<1	4.0	54	0.02	7	0.93	3.1	0.28	0.2	9	40.8
E5723442 (9741956)	0.62	206	36	<1	2.4	21	<0.01	9	0.56	1.1	0.03	<0.1	<5	43.2
E5723443 (9741957)	1.49	412	30	<1	6.9	38	0.01	9	1.52	2.7	0.01	0.1	9	38.8
E5723444 (9741958)	0.65	188	35	<1	2.1	23	0.01	7	0.45	1.9	<0.01	0.1	<5	43.2
E5723445 (9741959)	0.52	146	25	<1	1.1	20	0.01	6	0.20	2.6	<0.01	<0.1	<5	43.0
E5723446 (9741960)	2.65	471	12	7	30.7	172	0.07	12	8.18	107	1.63	1.5	7	27.6
E5723447 (9741961)	0.51	150	29	<1	1.1	20	0.01	6	0.25	2.4	<0.01	<0.1	<5	44.4
E5723448 (9741962)	0.80	186	30	<1	1.4	25	0.01	5	0.31	1.9	<0.01	<0.1	<5	42.9
E5723449 (9741963)	0.77	227	27	<1	2.2	25	0.01	9	0.43	2.3	<0.01	<0.1	<5	43.0

Certified By:

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E5723345 (9741859)	2.1	<1	82.3	0.9	0.44	2.0	0.36	<0.5	0.23	0.65	228	1	15.4	1.5
E5723346 (9741860)	5.5	<1	26.7	1.0	0.60	9.4	0.23	<0.5	0.27	6.50	58	4	18.5	1.9
E5723347 (9741861)	1.9	<1	128	<0.5	0.40	2.2	0.36	<0.5	0.26	0.46	231	<1	15.7	1.6
E5723348 (9741862)	2.1	<1	118	<0.5	0.45	1.9	0.37	<0.5	0.23	0.53	238	<1	16.2	1.7
E5723349 (9741863)	4.0	<1	48.4	0.8	0.64	10.5	0.41	<0.5	0.30	2.55	161	2	18.8	2.0
E5723350 (9741864)	5.6	<1	95.4	1.4	0.85	15.6	0.46	<0.5	0.35	4.84	144	2	25.2	2.4
E5723351 (9741865)	5.8	2	47.0	0.9	0.77	15.1	0.44	<0.5	0.31	4.90	142	2	21.0	2.2
E5723352 (9741866)	0.1	2	59.6	0.5	<0.05	0.6	<0.01	<0.5	<0.05	0.09	<5	<1	2.1	0.1
E5723353 (9741867)	2.1	<1	30.5	0.5	0.27	7.9	0.23	<0.5	0.12	2.09	69	1	7.8	0.9
E5723354 (9741868)	5.0	<1	30.1	1.1	0.64	13.6	0.39	<0.5	0.27	4.13	127	2	17.5	2.0
E5723355 (9741869)	5.5	<1	32.6	1.1	0.76	16.7	0.45	<0.5	0.33	5.21	152	3	21.1	2.3
E5723356 (9741870)	5.9	1	31.4	1.0	0.78	16.7	0.47	0.5	0.37	5.51	148	2	21.2	2.4
E5723357 (9741871)	5.8	2	27.2	1.1	0.82	16.3	0.43	<0.5	0.34	5.33	138	2	20.9	2.2
E5723358 (9741872)	5.2	1	26.3	1.0	0.77	16.2	0.43	<0.5	0.36	5.17	137	2	19.6	2.2
E5723359 (9741873)	9.9	3	22.2	1.7	1.43	18.5	0.44	<0.5	0.52	5.94	147	3	36.4	2.9
E5723360 (9741874)	8.2	1	23.4	1.1	0.97	17.6	0.45	<0.5	0.40	5.32	148	3	24.4	2.5
E5723361 (9741875)	8.0	1	26.8	1.1	1.40	18.1	0.45	<0.5	0.61	5.41	148	4	48.2	3.5
E5723362 (9741876)	13.4	5	18.4	1.3	1.73	15.9	0.43	<0.5	0.48	5.33	151	3	34.5	2.8
E5723363 (9741877)	7.2	2	20.8	1.2	1.03	17.2	0.46	<0.5	0.41	4.95	161	4	26.2	2.4
E5723364 (9741878)	6.4	2	19.0	1.0	0.75	16.7	0.46	<0.5	0.34	4.74	158	3	20.0	2.1
E5723365 (9741879)	6.0	2	25.5	1.0	0.85	18.0	0.44	<0.5	0.40	4.59	141	4	23.7	2.5
E5723366 (9741880)	5.4	3	26.8	0.7	0.66	9.8	0.24	<0.5	0.34	6.48	56	4	19.3	2.0
E5723367 (9741881)	7.6	2	20.9	0.9	1.20	16.7	0.44	<0.5	0.46	4.76	149	3	33.2	2.7
E5723368 (9741882)	5.9	1	26.9	0.9	0.72	16.8	0.44	<0.5	0.34	4.62	153	3	18.1	2.2
E5723369 (9741883)	5.9	1	27.8	0.9	0.69	17.2	0.43	<0.5	0.32	4.44	156	3	16.5	2.2
E5723370 (9741884)	4.6	<1	34.3	0.7	0.57	14.8	0.35	<0.5	0.25	3.70	119	2	13.7	1.7
E5723371 (9741885)	6.1	<1	44.7	1.0	0.85	17.5	0.40	<0.5	0.38	4.63	150	3	23.0	2.5
E5723372 (9741886)	0.2	<1	59.1	<0.5	0.06	0.6	<0.01	<0.5	<0.05	0.11	<5	<1	2.0	0.1
E5723373 (9741887)	5.0	1	42.3	1.0	0.67	16.7	0.40	<0.5	0.29	3.96	138	2	16.4	1.9
E5723374 (9741888)	5.5	<1	67.2	0.6	0.67	15.3	0.41	<0.5	0.28	3.29	137	<1	16.5	1.8
E5723375 (9741889)	5.4	<1	49.8	0.6	0.60	11.5	0.37	<0.5	0.25	2.45	136	<1	14.4	1.6
E5723376 (9741890)	1.9	<1	34.9	<0.5	0.31	8.8	0.34	<0.5	0.18	2.51	106	<1	9.0	1.2

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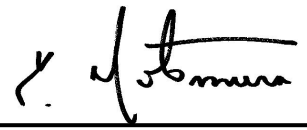

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E5723377 (9741891)	1.6	<1	18.1	<0.5	0.30	7.2	0.31	<0.5	0.17	1.46	89	<1	9.6	1.0
E5723378 (9741892)	1.6	<1	17.8	<0.5	0.29	6.7	0.30	<0.5	0.16	1.40	87	<1	9.6	1.0
E5723379 (9741893)	1.7	<1	14.5	<0.5	0.24	5.1	0.27	<0.5	0.13	1.18	83	<1	7.4	0.8
E5723380 (9741894)	1.3	<1	11.9	1.2	0.20	7.4	0.28	<0.5	0.11	1.19	78	1	7.1	0.8
E5723381 (9741895)	1.1	<1	12.6	0.6	0.20	6.4	0.27	<0.5	0.10	1.01	82	<1	6.7	0.8
E5723382 (9741896)	2.6	<1	16.4	<0.5	0.38	4.7	0.44	<0.5	0.18	0.98	157	1	11.3	1.3
E5723383 (9741897)	2.5	<1	18.0	<0.5	0.33	3.9	0.40	<0.5	0.15	0.71	149	<1	10.0	1.2
E5723384 (9741898)	3.1	<1	21.0	<0.5	0.46	3.1	0.52	<0.5	0.27	0.79	189	1	16.1	1.9
E5723385 (9741899)	3.2	<1	23.8	<0.5	0.52	2.6	0.48	<0.5	0.27	0.87	190	<1	16.1	1.9
E5723386 (9741900)	5.5	<1	27.5	0.6	0.64	9.4	0.24	<0.5	0.27	6.51	61	4	19.1	2.0
E5723387 (9741901)	2.7	<1	25.8	<0.5	0.44	3.0	0.50	<0.5	0.25	1.00	189	<1	15.3	1.8
E5723388 (9741902)	3.1	1	32.1	<0.5	0.52	2.6	0.42	<0.5	0.24	1.08	166	<1	16.3	1.7
E5723389 (9741903)	2.4	<1	36.5	<0.5	0.48	1.6	0.51	<0.5	0.27	0.80	228	<1	16.6	1.9
E5723390 (9741904)	2.7	<1	58.5	<0.5	0.43	2.2	0.35	<0.5	0.21	1.10	163	<1	14.5	1.5
E5723391 (9741905)	3.9	<1	59.2	<0.5	0.53	10.6	0.32	<0.5	0.24	2.80	116	<1	16.0	1.7
E5723392 (9741906)	0.1	<1	59.8	<0.5	<0.05	0.2	<0.01	<0.5	<0.05	0.07	<5	<1	2.0	<0.1
E5723393 (9741907)	3.1	<1	72.2	<0.5	0.45	3.3	0.32	<0.5	0.20	1.07	127	<1	12.4	1.4
E5723394 (9741908)	0.2	5	98.0	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.07	<5	<1	2.1	<0.1
E5723395 (9741909)	3.7	3	351	<0.5	0.57	2.2	0.36	<0.5	0.24	1.92	163	1	17.0	1.7
E5723396 (9741910)	2.5	<1	58.0	<0.5	0.47	1.6	0.54	<0.5	0.27	0.57	260	<1	17.7	1.9
E5723397 (9741911)	3.0	3	59.2	0.6	0.54	6.5	0.46	<0.5	0.28	0.75	208	1	18.3	1.9
E5723398 (9741912)	3.1	38	59.7	<0.5	0.59	4.9	0.51	<0.5	0.29	0.75	214	<1	19.1	2.0
E5723399 (9741913)	1.8	3	40.4	<0.5	0.38	3.2	0.59	<0.5	0.27	0.59	247	<1	15.6	1.9
E5723400 (9741914)	1.0	<1	22.0	<0.5	0.28	2.1	0.50	<0.5	0.20	0.28	263	3	10.9	1.4
E5723401 (9741915)	2.2	<1	14.8	<0.5	0.74	1.5	0.51	<0.5	0.34	0.27	263	2	26.0	2.1
E5723402 (9741916)	0.8	<1	16.5	<0.5	0.21	1.3	0.50	<0.5	0.15	0.29	251	<1	9.3	1.3
E5723403 (9741917)	1.2	1	14.1	<0.5	0.25	1.1	0.54	<0.5	0.17	0.35	274	<1	10.5	1.3
E5723404 (9741918)	1.1	<1	16.7	<0.5	0.29	1.1	0.53	<0.5	0.19	0.29	288	<1	11.7	1.4
E5723405 (9741919)	2.0	<1	17.7	<0.5	0.76	0.8	0.52	<0.5	0.37	0.41	283	<1	29.5	2.2
E5723406 (9741920)	5.6	1	26.5	<0.5	0.64	10.3	0.24	<0.5	0.28	6.64	59	4	19.5	2.0
E5723407 (9741921)	1.8	<1	15.2	<0.5	0.40	1.2	0.32	<0.5	0.18	0.36	173	<1	14.0	1.2
E5723408 (9741922)	1.3	<1	11.2	<0.5	0.20	0.5	0.12	<0.5	0.06	0.20	72	<1	6.9	0.5

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E5723409 (9741923)	1.1	<1	12.2	<0.5	0.17	0.4	0.11	<0.5	0.05	0.18	53	<1	5.5	0.4
E5723410 (9741924)	0.6	<1	12.4	<0.5	0.11	0.4	0.13	<0.5	<0.05	0.13	72	<1	4.1	0.4
E5723411 (9741925)	0.6	<1	11.6	<0.5	0.12	0.5	0.21	<0.5	0.07	0.15	124	<1	4.7	0.5
E5723412 (9741926)	0.1	<1	61.0	<0.5	<0.05	0.1	<0.01	<0.5	<0.05	0.07	<5	<1	2.1	0.1
E5723413 (9741927)	0.4	2	12.3	<0.5	<0.05	0.2	0.10	<0.5	<0.05	0.11	57	<1	2.1	0.3
E5723414 (9741928)	0.5	<1	14.6	<0.5	0.08	0.2	0.12	<0.5	<0.05	0.09	60	<1	3.0	0.4
E5723415 (9741929)	0.7	<1	19.0	<0.5	0.12	2.5	0.14	<0.5	0.06	0.14	71	1	4.4	0.5
E5723416 (9741930)	0.5	<1	10.4	<0.5	0.06	1.3	0.03	<0.5	<0.05	0.11	17	<1	2.0	0.2
E5723417 (9741931)	0.8	<1	16.0	<0.5	0.15	2.0	0.16	<0.5	0.08	0.27	99	<1	5.4	0.6
E5723418 (9741932)	0.8	<1	20.8	<0.5	0.14	1.6	0.13	<0.5	0.07	0.24	86	<1	5.1	0.6
E5723419 (9741933)	0.8	<1	20.0	<0.5	0.17	1.3	0.28	<0.5	0.10	0.26	122	<1	6.9	0.8
E5723420 (9741934)	0.8	<1	25.8	<0.5	0.19	1.9	0.34	<0.5	0.10	0.19	178	<1	8.3	0.9
E5723421 (9741935)	1.0	<1	26.8	<0.5	0.20	1.2	0.29	<0.5	0.12	0.37	163	<1	8.0	1.0
E5723422 (9741936)	1.2	<1	30.3	<0.5	0.31	1.1	0.42	<0.5	0.22	0.28	221	<1	12.0	1.6
E5723423 (9741937)	1.1	<1	33.2	<0.5	0.31	1.0	0.38	<0.5	0.20	0.27	196	<1	11.4	1.4
E5723424 (9741938)	1.0	10	15.6	<0.5	0.19	0.8	0.40	<0.5	0.11	0.19	217	<1	7.4	0.9
E5723425 (9741939)	1.0	<1	22.7	<0.5	0.20	1.2	0.41	<0.5	0.17	0.32	201	<1	8.9	1.2
E5723426 (9741940)	4.6	<1	28.1	<0.5	0.58	9.8	0.24	<0.5	0.24	5.99	59	4	17.9	1.8
E5723427 (9741941)	0.8	<1	20.4	<0.5	0.17	1.2	0.29	<0.5	0.09	0.29	150	<1	6.2	0.8
E5723428 (9741942)	1.0	<1	18.3	<0.5	0.18	0.7	0.33	<0.5	0.09	0.31	172	<1	7.0	0.7
E5723429 (9741943)	1.1	<1	32.2	<0.5	0.18	0.9	0.43	<0.5	0.11	0.26	228	<1	7.4	0.8
E5723430 (9741944)	0.5	<1	18.5	<0.5	0.11	0.4	0.18	<0.5	<0.05	0.15	107	<1	4.0	0.4
E5723431 (9741945)	1.5	<1	20.5	<0.5	0.30	0.6	0.31	<0.5	0.15	0.27	179	<1	10.7	1.1
E5723432 (9741946)	0.1	<1	58.8	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.11	<5	<1	2.1	0.1
E5723433 (9741947)	1.7	<1	22.1	<0.5	0.33	0.4	0.35	<0.5	0.17	0.22	195	<1	12.0	1.3
E5723434 (9741948)	1.2	<1	22.3	<0.5	0.22	<0.1	0.21	<0.5	0.10	0.16	112	<1	7.7	0.7
E5723435 (9741949)	1.8	<1	14.2	<0.5	0.39	<0.1	0.12	<0.5	0.24	0.06	72	<1	14.8	1.7
E5723436 (9741950)	1.4	<1	16.8	<0.5	0.30	<0.1	0.01	<0.5	0.14	<0.05	21	<1	10.4	1.1
E5723437 (9741951)	0.4	<1	15.4	<0.5	0.07	<0.1	0.06	<0.5	<0.05	<0.05	35	<1	2.7	0.3
E5723438 (9741952)	0.4	<1	15.3	<0.5	0.08	<0.1	0.02	<0.5	<0.05	<0.05	14	<1	2.5	0.2
E5723439 (9741953)	1.1	<1	17.2	<0.5	0.22	0.1	0.27	<0.5	0.16	0.17	157	<1	8.6	1.0
E5723440 (9741954)	0.9	<1	14.2	<0.5	0.17	3.1	0.15	<0.5	0.10	0.18	104	<1	6.3	0.6

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Certificate of Analysis

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E5723441 (9741955)	0.8	<1	13.3	<0.5	0.13	2.1	0.12	<0.5	0.08	0.11	76	<1	4.7	0.6
E5723442 (9741956)	0.5	<1	13.3	<0.5	0.07	1.0	0.03	<0.5	<0.05	<0.05	22	<1	2.3	0.2
E5723443 (9741957)	1.8	<1	21.6	<0.5	0.29	1.6	0.13	<0.5	0.12	0.22	64	<1	9.3	1.1
E5723444 (9741958)	0.5	<1	13.1	<0.5	0.09	0.9	0.04	<0.5	<0.05	0.09	28	<1	3.3	0.4
E5723445 (9741959)	0.3	<1	11.0	<0.5	<0.05	0.6	0.03	<0.5	<0.05	0.10	25	<1	1.7	0.2
E5723446 (9741960)	5.2	<1	27.7	<0.5	0.60	10.0	0.24	<0.5	0.27	6.37	58	4	18.9	1.9
E5723447 (9741961)	0.3	<1	9.7	<0.5	<0.05	0.9	0.04	<0.5	<0.05	0.09	25	<1	1.9	0.2
E5723448 (9741962)	0.3	<1	8.5	<0.5	0.07	0.7	0.05	<0.5	<0.05	0.15	33	<1	2.7	0.3
E5723449 (9741963)	0.5	<1	12.6	<0.5	0.08	0.5	0.06	<0.5	<0.05	0.16	38	<1	3.1	0.3

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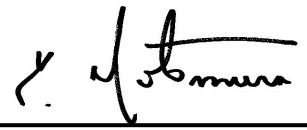

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E5723345 (9741859)	56	52.1
E5723346 (9741860)	7	153
E5723347 (9741861)	67	50.7
E5723348 (9741862)	60	49.2
E5723349 (9741863)	32	114
E5723350 (9741864)	19	159
E5723351 (9741865)	23	147
E5723352 (9741866)	<5	12.0
E5723353 (9741867)	82	87.2
E5723354 (9741868)	14	132
E5723355 (9741869)	18	145
E5723356 (9741870)	11	145
E5723357 (9741871)	14	145
E5723358 (9741872)	11	140
E5723359 (9741873)	19	138
E5723360 (9741874)	17	144
E5723361 (9741875)	20	152
E5723362 (9741876)	21	143
E5723363 (9741877)	24	153
E5723364 (9741878)	19	152
E5723365 (9741879)	20	153
E5723366 (9741880)	9	167
E5723367 (9741881)	17	150
E5723368 (9741882)	17	145
E5723369 (9741883)	39	143
E5723370 (9741884)	14	168
E5723371 (9741885)	21	174
E5723372 (9741886)	<5	9.9
E5723373 (9741887)	23	179
E5723374 (9741888)	20	183
E5723375 (9741889)	26	171
E5723376 (9741890)	18	168

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PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E5723377 (9741891)	16	173
E5723378 (9741892)	18	176
E5723379 (9741893)	14	164
E5723380 (9741894)	17	164
E5723381 (9741895)	18	146
E5723382 (9741896)	24	130
E5723383 (9741897)	21	122
E5723384 (9741898)	23	123
E5723385 (9741899)	31	146
E5723386 (9741900)	10	160
E5723387 (9741901)	30	104
E5723388 (9741902)	29	124
E5723389 (9741903)	37	73.9
E5723390 (9741904)	31	89.2
E5723391 (9741905)	28	143
E5723392 (9741906)	<5	8.0
E5723393 (9741907)	165	70.3
E5723394 (9741908)	<5	6.5
E5723395 (9741909)	59	88.2
E5723396 (9741910)	47	79.2
E5723397 (9741911)	42	81.4
E5723398 (9741912)	39	82.6
E5723399 (9741913)	35	76.9
E5723400 (9741914)	36	51.7
E5723401 (9741915)	34	54.0
E5723402 (9741916)	34	50.7
E5723403 (9741917)	33	56.7
E5723404 (9741918)	32	53.8
E5723405 (9741919)	33	56.6
E5723406 (9741920)	10	170
E5723407 (9741921)	27	44.8
E5723408 (9741922)	17	15.7

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E5723409 (9741923)	15	11.7
E5723410 (9741924)	15	16.1
E5723411 (9741925)	20	23.4
E5723412 (9741926)	<5	3.2
E5723413 (9741927)	16	10.5
E5723414 (9741928)	18	11.7
E5723415 (9741929)	17	12.3
E5723416 (9741930)	10	3.2
E5723417 (9741931)	18	18.6
E5723418 (9741932)	30	19.7
E5723419 (9741933)	24	33.7
E5723420 (9741934)	28	39.4
E5723421 (9741935)	29	33.5
E5723422 (9741936)	34	42.8
E5723423 (9741937)	32	46.3
E5723424 (9741938)	35	41.9
E5723425 (9741939)	33	76.5
E5723426 (9741940)	11	144
E5723427 (9741941)	25	40.4
E5723428 (9741942)	27	36.3
E5723429 (9741943)	36	48.4
E5723430 (9741944)	24	16.1
E5723431 (9741945)	32	34.1
E5723432 (9741946)	<5	2.2
E5723433 (9741947)	38	35.7
E5723434 (9741948)	27	20.4
E5723435 (9741949)	19	12.4
E5723436 (9741950)	914	2.5
E5723437 (9741951)	18	5.3
E5723438 (9741952)	13	1.9
E5723439 (9741953)	39	29.4
E5723440 (9741954)	31	17.0

Certified By:

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E5723441 (9741955)	27	12.6
E5723442 (9741956)	15	3.7
E5723443 (9741957)	29	14.8
E5723444 (9741958)	15	8.3
E5723445 (9741959)	13	7.1
E5723446 (9741960)	9	151
E5723447 (9741961)	16	12.0
E5723448 (9741962)	17	11.1
E5723449 (9741963)	22	11.0

Comments: RDL - Reported Detection Limit

Certified By:

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

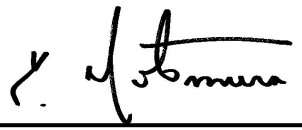
ATTENTION TO: FRANK SANTAGUIDA

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
E5723402 (9741916)	0.003
E5723403 (9741917)	0.003
E5723404 (9741918)	<0.001
E5723405 (9741919)	<0.001
E5723407 (9741921)	<0.001
E5723408 (9741922)	0.001
E5723409 (9741923)	<0.001
E5723410 (9741924)	0.002
E5723411 (9741925)	0.004
E5723412 (9741926)	<0.001
E5723413 (9741927)	0.001
E5723414 (9741928)	0.002
E5723415 (9741929)	<0.001
E5723416 (9741930)	<0.001
E5723417 (9741931)	0.004
E5723418 (9741932)	0.003
E5723419 (9741933)	0.004
E5723420 (9741934)	0.003
E5723421 (9741935)	<0.001
E5723422 (9741936)	0.001
E5723423 (9741937)	0.001
E5723424 (9741938)	0.001
E5723425 (9741939)	0.003
E5723427 (9741941)	0.002
E5723428 (9741942)	<0.001
E5723429 (9741943)	0.001
E5723430 (9741944)	0.002
E5723431 (9741945)	0.005
E5723432 (9741946)	<0.001
E5723433 (9741947)	<0.001
E5723434 (9741948)	0.002
E5723435 (9741949)	0.006

Certified By:



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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
E5723436 (9741950)	<0.001
E5723437 (9741951)	<0.001
E5723438 (9741952)	0.003
E5723439 (9741953)	0.004
E5723440 (9741954)	0.004
E5723441 (9741955)	0.003
E5723442 (9741956)	<0.001
E5723443 (9741957)	<0.001
E5723444 (9741958)	<0.001
E5723445 (9741959)	<0.001
E5723447 (9741961)	0.001
E5723448 (9741962)	<0.001
E5723449 (9741963)	0.003

Comments: RDL - Reported Detection Limit

Certified By:

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AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

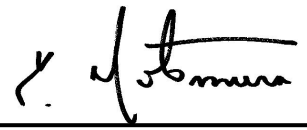
Sieving - % Passing (Crushing)

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
E5723345 (9741859)	90
E5723364 (9741878)	90
E5723371 (9741885)	85
E5723384 (9741898)	87
E5723404 (9741918)	86
E5723411 (9741925)	89
E5723424 (9741938)	91
E5723448 (9741962)	86

Comments: RDL - Reported Detection Limit

Certified By:



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Quality Assurance - Replicate

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9741859	< 1	< 1	0.0%	9741873	< 1	< 1	0.0%	9741884	< 1	< 1	0.0%	9741898	< 1	< 1	0.0%
Al	9741859	7.33	7.32	0.1%	9741873	10.1	10.2	1.0%	9741884	8.82	8.81	0.1%	9741898	7.49	7.54	0.7%
As	9741859	14	14	0.0%	9741873	< 5	< 5	0.0%	9741884	< 5	< 5	0.0%	9741898	< 5	< 5	0.0%
B	9741859	24	< 20		9741873	42	45	6.9%	9741884	50	53	5.8%	9741898	< 20	< 20	0.0%
Ba	9741859	76.5	76.7	0.3%	9741873	317	321	1.3%	9741884	184	183	0.5%	9741898	23.4	23.6	0.9%
Be	9741859	< 5	< 5	0.0%	9741873	6	7	15.4%	9741884	< 5	< 5	0.0%	9741898	< 5	< 5	0.0%
Bi	9741859	0.2	0.2	0.0%	9741873	< 0.1	< 0.1	0.0%	9741884	< 0.1	< 0.1	0.0%	9741898	< 0.1	< 0.1	0.0%
Ca	9741859	7.14	7.03	1.6%	9741873	0.252	0.271	7.3%	9741884	0.25	0.25	0.0%	9741898	0.19	0.19	0.0%
Cd	9741859	< 0.2	< 0.2	0.0%	9741873	< 0.2	< 0.2	0.0%	9741884	< 0.2	< 0.2	0.0%	9741898	0.4	< 0.2	
Ce	9741859	14.0	13.5	3.6%	9741873	113	113	0.0%	9741884	70.1	74.0	5.4%	9741898	29.1	29.3	0.7%
Co	9741859	45.2	45.9	1.5%	9741873	34.9	34.4	1.4%	9741884	24.3	25.8	6.0%	9741898	20.8	20.9	0.5%
Cr	9741859	0.0252	0.0234	7.4%	9741873	0.0172	0.0177	2.9%	9741884	0.0212	0.0202	4.8%	9741898	0.021	0.021	0.0%
Cs	9741859	0.8	0.8	0.0%	9741873	2.45	2.52	2.8%	9741884	2.6	2.7	3.8%	9741898	0.64	0.65	1.6%
Cu	9741859	106	108	1.9%	9741873	9	10	10.5%	9741884	10	11	9.5%	9741898	11	11	0.0%
Dy	9741859	2.72	2.64	3.0%	9741873	7.35	7.56	2.8%	9741884	2.59	2.82	8.5%	9741898	2.88	2.88	0.0%
Er	9741859	1.74	1.62	7.1%	9741873	3.79	3.50	8.0%	9741884	1.53	1.71	11.1%	9741898	1.97	1.94	1.5%
Eu	9741859	0.62	0.60	3.3%	9741873	2.34	2.41	2.9%	9741884	1.13	1.16	2.6%	9741898	0.64	0.69	7.5%
Fe	9741859	7.05	7.00	0.7%	9741873	7.12	7.09	0.4%	9741884	5.56	5.60	0.7%	9741898	6.14	6.21	1.1%
Ga	9741859	14.5	14.3	1.4%	9741873	27.4	27.4	0.0%	9741884	21.3	22.2	4.1%	9741898	16.3	16.4	0.6%
Gd	9741859	2.64	2.61	1.1%	9741873	9.88	9.80	0.8%	9741884	4.07	4.33	6.2%	9741898	2.99	3.17	5.8%
Ge	9741859	2	2	0.0%	9741873	2	2	0.0%	9741884	2	2	0.0%	9741898	1	1	0.0%
Hf	9741859	1	1	0.0%	9741873	4	4	0.0%	9741884	5	5	0.0%	9741898	3	3	0.0%
Ho	9741859	0.555	0.576	3.7%	9741873	1.42	1.39	2.1%	9741884	0.55	0.56	1.8%	9741898	0.61	0.61	0.0%
In	9741859	< 0.2	< 0.2	0.0%	9741873	< 0.2	< 0.2	0.0%	9741884	< 0.2	< 0.2	0.0%	9741898	< 0.2	< 0.2	0.0%
K	9741859	0.56	0.58	3.5%	9741873	3.96	3.96	0.0%	9741884	2.50	2.47	1.2%	9741898	0.180	0.174	3.4%
La	9741859	6.5	6.1	6.3%	9741873	55.8	55.0	1.4%	9741884	32.6	34.0	4.2%	9741898	12.7	12.9	1.6%
Li	9741859	38	38	0.0%	9741873	104	112	7.4%	9741884	86	89	3.4%	9741898	79	85	7.3%
Lu	9741859	0.228	0.211	7.7%	9741873	0.46	0.45	2.2%	9741884	0.29	0.29	0.0%	9741898	0.29	0.29	0.0%
Mg	9741859	3.86	4.27	10.1%	9741873	2.95	3.06	3.7%	9741884	2.49	2.59	3.9%	9741898	3.35	3.37	0.6%
Mn	9741859	1610	1630	1.2%	9741873	207	208	0.5%	9741884	188	193	2.6%	9741898	293	304	3.7%
Mo	9741859	5	4	22.2%	9741873	< 2	< 2	0.0%	9741884	6	5	18.2%	9741898	5	5	0.0%

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Nb	9741859	2	1		9741873	10	10	0.0%	9741884	11	11	0.0%	9741898	4	4	0.0%
Nd	9741859	7.94	7.54	5.2%	9741873	49.6	48.8	1.6%	9741884	28.0	29.0	3.5%	9741898	14.8	14.9	0.7%
Ni	9741859	109	114	4.5%	9741873	99	99	0.0%	9741884	72	72	0.0%	9741898	65	64	1.6%
P	9741859	0.03	0.03	0.0%	9741873	0.09	0.09	0.0%	9741884	0.07	0.07	0.0%	9741898	0.05	0.05	0.0%
Pb	9741859	< 5	< 5	0.0%	9741873	< 5	< 5	0.0%	9741884	< 5	< 5	0.0%	9741898	< 5	< 5	0.0%
Pr	9741859	1.76	1.72	2.3%	9741873	12.9	12.9	0.0%	9741884	7.37	7.81	5.8%	9741898	3.54	3.57	0.8%
Rb	9741859	27.4	27.1	1.1%	9741873	193	195	1.0%	9741884	104	105	1.0%	9741898	3.8	3.8	0.0%
S	9741859	0.06	0.06	0.0%	9741873	0.02	0.02	0.0%	9741884	< 0.01	< 0.01	0.0%	9741898	< 0.01	< 0.01	0.0%
Sb	9741859	0.35	0.29	18.8%	9741873	0.8	0.8	0.0%	9741884	0.5	0.5	0.0%	9741898	0.2	0.2	0.0%
Sc	9741859	38	38	0.0%	9741873	21	21	0.0%	9741884	17	16	6.1%	9741898	25	26	3.9%
Si	9741859	22.2	21.9	1.4%	9741873	24.8	24.9	0.4%	9741884	27.7	27.2	1.8%	9741898	28.2	28.6	1.4%
Sm	9741859	2.06	2.03	1.5%	9741873	9.86	9.70	1.6%	9741884	4.6	4.9	6.3%	9741898	3.1	3.1	0.0%
Sn	9741859	< 1	3		9741873	3	2		9741884	< 1	< 1	0.0%	9741898	< 1	< 1	0.0%
Sr	9741859	82.3	82.6	0.4%	9741873	22.2	22.9	3.1%	9741884	34.3	33.8	1.5%	9741898	21.0	21.2	0.9%
Ta	9741859	0.9	0.6		9741873	1.7	1.3	26.7%	9741884	0.7	0.7	0.0%	9741898	< 0.5	< 0.5	0.0%
Tb	9741859	0.439	0.447	1.8%	9741873	1.43	1.49	4.1%	9741884	0.573	0.599	4.4%	9741898	0.46	0.50	8.3%
Th	9741859	1.97	1.83	7.4%	9741873	18.5	18.5	0.0%	9741884	14.8	15.2	2.7%	9741898	3.12	2.84	9.4%
Ti	9741859	0.36	0.36	0.0%	9741873	0.44	0.44	0.0%	9741884	0.35	0.35	0.0%	9741898	0.52	0.52	0.0%
Tl	9741859	< 0.5	< 0.5	0.0%	9741873	< 0.5	< 0.5	0.0%	9741884	< 0.5	< 0.5	0.0%	9741898	< 0.5	< 0.5	0.0%
Tm	9741859	0.23	0.23	0.0%	9741873	0.52	0.50	3.9%	9741884	0.254	0.280	9.7%	9741898	0.269	0.278	3.3%
U	9741859	0.65	0.64	1.6%	9741873	5.94	5.76	3.1%	9741884	3.70	3.75	1.3%	9741898	0.790	0.763	3.5%
V	9741859	228	230	0.9%	9741873	147	148	0.7%	9741884	119	120	0.8%	9741898	189	193	2.1%
W	9741859	1	< 1		9741873	3	3	0.0%	9741884	2	2	0.0%	9741898	1	1	0.0%
Y	9741859	15.4	15.5	0.6%	9741873	36.4	36.0	1.1%	9741884	13.7	14.4	5.0%	9741898	16.1	16.8	4.3%
Yb	9741859	1.54	1.60	3.8%	9741873	2.9	2.9	0.0%	9741884	1.7	1.7	0.0%	9741898	1.92	2.08	8.0%
Zn	9741859	56	53	5.5%	9741873	19	27		9741884	14	19		9741898	23	26	12.2%
Zr	9741859	52.1	47.4	9.4%	9741873	138	139	0.7%	9741884	168	169	0.6%	9741898	123	123	0.0%
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9741910	< 1	< 1	0.0%	9741923	< 1	< 1	0.0%	9741934	< 1	< 1	0.0%	9741948	< 1	< 1	0.0%
Al	9741910	7.91	7.95	0.5%	9741923	1.65	1.66	0.6%	9741934	4.92	4.93	0.2%	9741948	3.10	2.96	4.6%
As	9741910	21	15		9741923	< 5	< 5	0.0%	9741934	11	10	9.5%	9741948	< 5	< 5	0.0%
B	9741910	< 20	< 20	0.0%	9741923	< 20	< 20	0.0%	9741934	< 20	< 20	0.0%	9741948	< 20	< 20	0.0%
Ba	9741910	57.2	52.0	9.5%	9741923	13.2	12.9	2.3%	9741934	21.8	22.9	4.9%	9741948	22.7	21.3	6.4%

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Be	9741910	< 5	< 5	0.0%	9741923	< 5	< 5	0.0%	9741934	< 5	< 5	0.0%	9741948	< 5	< 5	0.0%
Bi	9741910	0.5	0.3		9741923	< 0.1	< 0.1	0.0%	9741934	0.3	0.2		9741948	0.3	0.3	0.0%
Ca	9741910	1.86	1.88	1.1%	9741923	1.42	1.37	3.6%	9741934	0.35	0.34	2.9%	9741948	1.35	1.33	1.5%
Cd	9741910	< 0.2	< 0.2	0.0%	9741923	< 0.2	< 0.2	0.0%	9741934	< 0.2	< 0.2	0.0%	9741948	< 0.2	< 0.2	0.0%
Ce	9741910	18.3	17.7	3.3%	9741923	9.0	8.9	1.1%	9741934	7.3	7.1	2.8%	9741948	5.45	5.51	1.1%
Co	9741910	37.9	38.3	1.0%	9741923	11.0	11.1	0.9%	9741934	58.4	56.8	2.8%	9741948	25.2	25.0	0.8%
Cr	9741910	0.026	0.026	0.0%	9741923	0.036	0.036	0.0%	9741934	0.0261	0.0252	3.5%	9741948	0.0319	0.0310	2.9%
Cs	9741910	2.3	2.3	0.0%	9741923	< 0.1	< 0.1	0.0%	9741934	0.8	0.8	0.0%	9741948	0.1	0.1	0.0%
Cu	9741910	39	46	16.5%	9741923	101	100	1.0%	9741934	59	68	14.2%	9741948	673	664	1.3%
Dy	9741910	3.03	2.98	1.7%	9741923	1.06	1.03	2.9%	9741934	1.39	1.33	4.4%	9741948	1.33	1.31	1.5%
Er	9741910	1.96	1.93	1.5%	9741923	0.49	0.49	0.0%	9741934	0.93	0.93	0.0%	9741948	0.83	0.77	7.5%
Eu	9741910	0.833	0.753	10.1%	9741923	0.370	0.335	9.9%	9741934	0.27	0.29	7.1%	9741948	0.345	0.346	0.3%
Fe	9741910	7.05	7.04	0.1%	9741923	2.42	2.36	2.5%	9741934	5.30	5.27	0.6%	9741948	3.53	3.54	0.3%
Ga	9741910	16.6	16.4	1.2%	9741923	3.87	3.87	0.0%	9741934	11.0	10.4	5.6%	9741948	6.31	6.37	0.9%
Gd	9741910	3.06	3.08	0.7%	9741923	1.32	1.30	1.5%	9741934	1.16	1.18	1.7%	9741948	1.46	1.39	4.9%
Ge	9741910	1	1	0.0%	9741923	< 1	< 1	0.0%	9741934	< 1	< 1	0.0%	9741948	< 1	< 1	0.0%
Hf	9741910	2	2	0.0%	9741923	< 1	< 1	0.0%	9741934	1	1	0.0%	9741948	< 1	< 1	0.0%
Ho	9741910	0.649	0.622	4.2%	9741923	0.171	0.178	4.0%	9741934	0.28	0.28	0.0%	9741948	0.25	0.27	7.7%
In	9741910	< 0.2	< 0.2	0.0%	9741923	< 0.2	< 0.2	0.0%	9741934	< 0.2	< 0.2	0.0%	9741948	< 0.2	< 0.2	0.0%
K	9741910	0.52	0.52	0.0%	9741923	0.075	0.090	18.2%	9741934	0.163	0.170	4.2%	9741948	0.108	0.116	7.1%
La	9741910	7.6	7.4	2.7%	9741923	4.6	4.6	0.0%	9741934	3.1	3.1	0.0%	9741948	2.3	2.3	0.0%
Li	9741910	104	109	4.7%	9741923	41	41	0.0%	9741934	74	77	4.0%	9741948	50	50	0.0%
Lu	9741910	0.299	0.294	1.7%	9741923	0.050	0.042	17.4%	9741934	0.13	0.14	7.4%	9741948	0.11	0.11	0.0%
Mg	9741910	6.07	5.63	7.5%	9741923	1.17	1.16	0.9%	9741934	2.92	3.06	4.7%	9741948	1.72	1.65	4.2%
Mn	9741910	620	620	0.0%	9741923	321	325	1.2%	9741934	402	399	0.7%	9741948	372	358	3.8%
Mo	9741910	3	3	0.0%	9741923	21	23	9.1%	9741934	13	11	16.7%	9741948	45	44	2.2%
Nb	9741910	2	2	0.0%	9741923	< 1	< 1	0.0%	9741934	< 1	< 1	0.0%	9741948	< 1	< 1	0.0%
Nd	9741910	11.0	10.7	2.8%	9741923	5.1	5.1	0.0%	9741934	3.8	3.8	0.0%	9741948	4.1	4.1	0.0%
Ni	9741910	110	103	6.6%	9741923	39	38	2.6%	9741934	78	79	1.3%	9741948	58	52	10.9%
P	9741910	0.066	0.064	3.1%	9741923	< 0.01	< 0.01	0.0%	9741934	0.03	0.03	0.0%	9741948	0.02	0.02	0.0%
Pb	9741910	< 5	< 5	0.0%	9741923	8	7	13.3%	9741934	5	5	0.0%	9741948	11	9	20.0%
Pr	9741910	2.46	2.33	5.4%	9741923	1.13	1.14	0.9%	9741934	0.890	0.905	1.7%	9741948	0.84	0.84	0.0%
Rb	9741910	30.8	31.0	0.6%	9741923	1.1	1.1	0.0%	9741934	7.16	6.77	5.6%	9741948	1.75	1.81	3.4%
S	9741910	0.08	0.10	22.2%	9741923	0.03	0.03	0.0%	9741934	0.236	0.229	3.0%	9741948	0.193	0.183	5.3%

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Sb	9741910	0.3	0.3	0.0%	9741923	0.2	0.2	0.0%	9741934	0.4	0.3	28.6%	9741948	0.1	0.1	0.0%
Sc	9741910	37	37	0.0%	9741923	9	9	0.0%	9741934	26	25	3.9%	9741948	15	14	6.9%
Si	9741910	24.0	24.1	0.4%	9741923	40.3	39.1	3.0%	9741934	34.3	33.1	3.6%	9741948	38.4	36.1	6.2%
Sm	9741910	2.5	2.5	0.0%	9741923	1.09	1.15	5.4%	9741934	0.84	0.87	3.5%	9741948	1.19	1.12	6.1%
Sn	9741910	< 1	< 1	0.0%	9741923	< 1	< 1	0.0%	9741934	< 1	< 1	0.0%	9741948	< 1	< 1	0.0%
Sr	9741910	58.0	59.3	2.2%	9741923	12.2	11.9	2.5%	9741934	25.8	25.1	2.8%	9741948	22.3	21.3	4.6%
Ta	9741910	< 0.5	< 0.5	0.0%	9741923	< 0.5	< 0.5	0.0%	9741934	< 0.5	< 0.5	0.0%	9741948	< 0.5	< 0.5	0.0%
Tb	9741910	0.47	0.47	0.0%	9741923	0.17	0.16	6.1%	9741934	0.19	0.19	0.0%	9741948	0.22	0.21	4.7%
Th	9741910	1.58	1.35	15.7%	9741923	0.36	0.32	11.8%	9741934	1.9	1.2		9741948	< 0.1	< 0.1	0.0%
Ti	9741910	0.54	0.54	0.0%	9741923	0.11	0.11	0.0%	9741934	0.34	0.34	0.0%	9741948	0.205	0.205	0.0%
Tl	9741910	< 0.5	< 0.5	0.0%	9741923	< 0.5	< 0.5	0.0%	9741934	< 0.5	< 0.5	0.0%	9741948	< 0.5	< 0.5	0.0%
Tm	9741910	0.27	0.27	0.0%	9741923	0.05	0.05	0.0%	9741934	0.10	0.13	26.1%	9741948	0.10	0.10	0.0%
U	9741910	0.57	0.54	5.4%	9741923	0.176	0.172	2.3%	9741934	0.19	0.19	0.0%	9741948	0.16	0.15	6.5%
V	9741910	260	257	1.2%	9741923	53	52	1.9%	9741934	178	175	1.7%	9741948	112	111	0.9%
W	9741910	< 1	< 1	0.0%	9741923	< 1	< 1	0.0%	9741934	< 1	< 1	0.0%	9741948	< 1	< 1	0.0%
Y	9741910	17.7	17.2	2.9%	9741923	5.53	5.67	2.5%	9741934	8.3	7.9	4.9%	9741948	7.7	7.3	5.3%
Yb	9741910	1.9	1.9	0.0%	9741923	0.4	0.4	0.0%	9741934	0.86	0.85	1.2%	9741948	0.73	0.76	4.0%
Zn	9741910	47	50	6.2%	9741923	15	15	0.0%	9741934	28	29	3.5%	9741948	27	25	7.7%
Zr	9741910	79.2	73.6	7.3%	9741923	11.7	11.7	0.0%	9741934	39.4	37.4	5.2%	9741948	20.4	19.7	3.5%
	REPLICATE #9															
Parameter	Sample ID	Original	Replicate	RPD												
Ag	9741959	< 1	< 1	0.0%												
Al	9741959	0.90	0.88	2.2%												
As	9741959	< 5	< 5	0.0%												
B	9741959	< 20	< 20	0.0%												
Ba	9741959	21.3	21.5	0.9%												
Be	9741959	< 5	< 5	0.0%												
Bi	9741959	< 0.1	< 0.1	0.0%												
Ca	9741959	0.41	0.37	10.3%												
Cd	9741959	< 0.2	< 0.2	0.0%												
Ce	9741959	1.56	1.52	2.6%												
Co	9741959	3.82	3.86	1.0%												
Cr	9741959	0.039	0.045	14.3%												
Cs	9741959	< 0.1	< 0.1	0.0%												

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Cu	9741959	13	13	0.0%												
Dy	9741959	0.31	0.34	9.2%												
Er	9741959	0.22	0.22	0.0%												
Eu	9741959	0.05	0.05	0.0%												
Fe	9741959	1.46	1.43	2.1%												
Ga	9741959	1.87	1.83	2.2%												
Gd	9741959	0.306	0.290	5.4%												
Ge	9741959	< 1	< 1	0.0%												
Hf	9741959	< 1	< 1	0.0%												
Ho	9741959	0.066	0.059	11.2%												
In	9741959	< 0.2	< 0.2	0.0%												
K	9741959	0.17	0.16	6.1%												
La	9741959	0.6	0.6	0.0%												
Li	9741959	25	27	7.7%												
Lu	9741959	< 0.05	< 0.05	0.0%												
Mg	9741959	0.516	0.508	1.6%												
Mn	9741959	146	147	0.7%												
Mo	9741959	25	29	14.8%												
Nb	9741959	< 1	< 1	0.0%												
Nd	9741959	1.07	0.99	7.8%												
Ni	9741959	20	22	9.5%												
P	9741959	0.01	0.01	0.0%												
Pb	9741959	6	6	0.0%												
Pr	9741959	0.20	0.20	0.0%												
Rb	9741959	2.6	2.6	0.0%												
S	9741959	< 0.01	< 0.01	0.0%												
Sb	9741959	< 0.1	< 0.1	0.0%												
Sc	9741959	< 5	< 5	0.0%												
Si	9741959	43.0	43.4	0.9%												
Sm	9741959	0.26	0.25	3.9%												
Sn	9741959	< 1	< 1	0.0%												
Sr	9741959	11.0	9.7	12.6%												
Ta	9741959	< 0.5	< 0.5	0.0%												
Tb	9741959	< 0.05	< 0.05	0.0%												

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Th	9741959	0.56	0.52	7.4%												
Ti	9741959	0.03	0.03	0.0%												
Tl	9741959	< 0.5	< 0.5	0.0%												
Tm	9741959	< 0.05	< 0.05	0.0%												
U	9741959	0.10	0.10	0.0%												
V	9741959	25	23	8.3%												
W	9741959	< 1	< 1	0.0%												
Y	9741959	1.7	1.7	0.0%												
Yb	9741959	0.2	0.2	0.0%												
Zn	9741959	13	14	7.4%												
Zr	9741959	7.06	6.97	1.3%												

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9741923	< 0.001	< 0.001	0.0%	9741934	0.003	0.005		9741948	0.002	0.002	0.0%	9741959	< 0.001	< 0.001	0.0%

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GBM998-10)				CRM #4 (ref.SY-4)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.7	98%	90% - 110%	8.47	8.43	100%	90% - 110%								
As					26	24	94%	90% - 110%	25	24	94%	90% - 110%				
Ba	340	342	101%	90% - 110%	540	524	97%	90% - 110%								
Be	2.6	3.1	118%	90% - 110%	4.0	4.1	103%	90% - 110%								
Ca	5.72	5.69	100%	90% - 110%	0.907	0.913	101%	90% - 110%								
Ce	122	118	97%	90% - 110%	98	101	103%	90% - 110%								
Co	2.8	2.7	96%	90% - 110%	15	15	97%	90% - 110%	1202	1280	106%	90% - 110%				
Cs	1.5	1.3	89%	90% - 110%												
Cu					150	153	102%	90% - 110%	15414	14400	93%	90% - 110%				
Dy	18.2	18.3	100%	90% - 110%												
Er	14.2	14.5	102%	90% - 110%	3.7	4	108%	90% - 110%								
Eu	2.0	1.9	94%	90% - 110%												
Fe	4.34	4.17	96%	90% - 110%	3.77	3.78	100%	90% - 110%								
Ga	35	35	100%	90% - 110%												
Gd	14	15	104%	90% - 110%												
Hf	10.6	10.4	98%	90% - 110%	11	10	94%	90% - 110%								
Ho	4.3	4.3	101%	90% - 110%												
K	1.37	1.42	104%	90% - 110%	2.55	2.72	107%	90% - 110%								
La	58	55	95%	90% - 110%	44	46	104%	90% - 110%								
Li	37	39	104%	90% - 110%	47	48.5	103%	90% - 110%								
Lu	2.1	2	95%	90% - 110%	0.6	0.6	102%	90% - 110%								
Mg	0.325	0.309	95%	90% - 110%	1.1	1.1	97%	90% - 110%								
Mn	836	787	94%	90% - 110%	780	770	99%	90% - 110%								
Mo					14	14	96%	90% - 110%								
Nb	13	14.4	111%	90% - 110%	20	18.8	94%	90% - 110%					13	13.5	103%	90% - 110%
Nd	57	55	96%	90% - 110%												
Ni					32	40	123%	90% - 110%	23610	22263	94%	90% - 110%				
Pb	10	10	96%	90% - 110%	31	31	99%	90% - 110%	41	38	93%	90% - 110%				
Pr	15.0	13.9	93%	90% - 110%												
Rb	55	53	96%	90% - 110%	144	147	102%	90% - 110%								
Sb					0.8	0.855	107%	90% - 110%								

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Sc					12	12	98%	90% - 110%								
Si	23.3	22.6	97%	90% - 110%	28.4	28.5	100%	90% - 110%								
Sm	12.7	12	94%	90% - 110%	7.4	7.6	103%	90% - 110%								
Sn	7.1	6.9	97%	90% - 110%												
Sr	1191	1186	100%	90% - 110%	144	151	105%	90% - 110%								
Ta	0.9	0.9	101%	90% - 110%	1.9	2	106%	90% - 110%					0.9	0.9	100%	90% - 110%
Tb	2.6	2.7	104%	90% - 110%	1.2	1.3	105%	90% - 110%								
Th	1.4	1.5	107%	90% - 110%	18.4	17.3	94%	90% - 110%					1.4	1.3	94%	90% - 110%
Ti	0.172	0.168	97%	90% - 110%	0.527	0.516	98%	90% - 110%								
Tm	2.3	2.2	95%	90% - 110%												
U	0.8	0.9	115%	90% - 110%	5.7	5.1	90%	90% - 110%								
V	8	6	81%	90% - 110%	77	80	104%	90% - 110%								
W					5	5.19	104%	90% - 110%								
Y	119	122	102%	90% - 110%	40	38	95%	90% - 110%								
Yb	14.8	14.5	98%	90% - 110%												
Zn	93	93	100%	90% - 110%	130	123	94%	90% - 110%	90	82	91%	90% - 110%				
Zr	517	537	104%	90% - 110%	390	364	93%	90% - 110%								
	CRM #5 (ref.SY-4)				CRM #6 (ref.Till-2)				CRM #7 (ref.Till-2)				CRM #8 (ref.GBM998-10)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.02	101%	90% - 110%					8.47	8.49	100%	90% - 110%				
As									26	23	90%	90% - 110%	25	24	95%	90% - 110%
Ba	340	342	101%	90% - 110%					540	536	99%	90% - 110%				
Be	2.6	3.1	117%	90% - 110%					4.0	4	101%	90% - 110%				
Ca	5.72	5.87	103%	90% - 110%					0.907	0.926	102%	90% - 110%				
Ce	122	122	100%	90% - 110%					98	99	101%	90% - 110%				
Co	2.8	2.7	97%	90% - 110%					15	14	90%	90% - 110%	1202	1230	103%	90% - 110%
Cs	1.5	1.3	89%	90% - 110%												
Cu	7	5	73%	90% - 110%					150	157	104%	90% - 110%	15414	14702	95%	90% - 110%
Dy	18.2	18.8	103%	90% - 110%												
Er	14.2	14.6	103%	90% - 110%					3.7	3.9	105%	90% - 110%				
Eu	2.0	1.9	97%	90% - 110%												
Fe	4.34	4.28	99%	90% - 110%					3.77	3.84	102%	90% - 110%				
Ga	35	34	98%	90% - 110%												
Gd	14	15	109%	90% - 110%												

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Hf	10.6	11.1	104%	90% - 110%					11	10	88%	90% - 110%				
Ho	4.3	4.4	103%	90% - 110%												
K	1.37	1.49	109%	90% - 110%					2.55	2.68	105%	90% - 110%				
La	58	57	98%	90% - 110%					44	44	100%	90% - 110%				
Li	37	36	98%	90% - 110%					47	55	116%	90% - 110%				
Lu	2.1	2.1	101%	90% - 110%					0.6	0.5	91%	90% - 110%				
Mg	0.325	0.319	98%	90% - 110%					1.1	1.1	101%	90% - 110%				
Mn	836	818	98%	90% - 110%					780	777	100%	90% - 110%				
Mo									14	13	89%	90% - 110%				
Nb					20	18.2	91%	90% - 110%	20	18.0	90%	90% - 110%				
Nd	57	58	101%	90% - 110%												
Ni									32	39	120%	90% - 110%	23610	22758	96%	90% - 110%
Pb	10	10	102%	90% - 110%					31	29	93%	90% - 110%	41	39	94%	90% - 110%
Pr	15.0	14.5	97%	90% - 110%												
Rb	55	54	99%	90% - 110%					144	141	98%	90% - 110%				
Sb									0.8	0.721	90%	90% - 110%				
Sc									12	12	100%	90% - 110%				
Si	23.3	23.1	99%	90% - 110%					28.4	28.7	101%	90% - 110%				
Sm	12.7	12.4	97%	90% - 110%					7.4	7.6	102%	90% - 110%				
Sn	7.1	7.2	102%	90% - 110%												
Sr	1191	1178	99%	90% - 110%					144	151	105%	90% - 110%				
Ta					1.9	2.1	110%	90% - 110%								
Tb	2.6	2.8	108%	90% - 110%					1.2	1.2	103%	90% - 110%				
Th					18.4	16.7	91%	90% - 110%								
Ti	0.172	0.171	99%	90% - 110%					0.527	0.521	99%	90% - 110%				
Tm	2.3	2.3	98%	90% - 110%												
U	0.8	0.8	95%	90% - 110%					5.7	5.2	91%	90% - 110%				
V	8	6	72%	90% - 110%					77	81	105%	90% - 110%				
W									5	4.77	95%	90% - 110%				
Y	119	124	104%	90% - 110%					40	36	90%	90% - 110%				
Yb	14.8	15	101%	90% - 110%												
Zn	93	101	108%	90% - 110%					130	128	98%	90% - 110%	90	90	100%	90% - 110%
Zr	517	568	110%	90% - 110%					390	353	90%	90% - 110%				

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

Results relate only to the items tested. Results apply to samples as received.

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6E)				CRM #3 (ref.GSP4G)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	5.27	5.64	107%	90% - 110%	6.06	6.65	110%	90% - 110%	0.468	0.513	110%	90% - 110%				

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag			ICP/MS
Al	MIN-200-12001		ICP/OES
As	MIN-200-12001		ICP/MS
B	MIN-200-12001		ICP/OES
Ba	MIN-200-12001		ICP/OES
Be	MIN-200-12001		ICP/OES
Bi	MIN-200-12001		ICP-MS
Ca	MIN-200-12001		ICP/OES
Cd	MIN-200-12001		ICP-MS
Ce	MIN-200-12001		ICP-MS
Co	MIN-200-12001		ICP/MS
Cr	MIN-200-12001		ICP/OES
Cs	MIN-200-12001		ICP-MS
Cu	MIN-200-12001		ICP/OES
Dy	MIN-200-12001		ICP-MS
Er	MIN-200-12001		ICP-MS
Eu	MIN-200-12001		ICP-MS
Fe	MIN-200-12001		ICP/OES
Ga	MIN-200-12001		ICP-MS
Gd	MIN-200-12001		ICP-MS
Ge	MIN-200-12001		ICP-MS
Hf	MIN-200-12001		ICP-MS
Ho	MIN-200-12001		ICP-MS
In	MIN-200-12001		ICP-MS
K	MIN-200-12001		ICP/OES
La	MIN-200-12001		ICP-MS
Li	MIN-200-12001		ICP/OES
Lu	MIN-200-12001		ICP-MS
Mg	MIN-200-12001		ICP/OES
Mn	MIN-200-12001		ICP/OES
Mo	MIN-200-12001		ICP/MS
Nb	MIN-200-12001		ICP-MS
Nd	MIN-200-12001		ICP-MS
Ni	MIN-200-12001		ICP/OES
P			ICP/OES
Pb	MIN-200-12001		ICP/MS
Pr	MIN-200-12001		ICP-MS
Rb	MIN-200-12001		ICP/MS
S	MIN-200-12001		ICP/OES
Sb	MIN-200-12001		ICP-MS
Sc	MIN-200-12001		ICP/OES
Si	MIN-200-12001		ICP/OES
Sm	MIN-200-12001		ICP-MS
Sn	MIN-200-12001		ICP/MS
Sr	MIN-200-12001		ICP-OES
Ta	MIN-200-12001		ICP-MS
Tb	MIN-200-12001		ICP-MS
Th	MIN-200-12001		ICP-MS

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B414062

PROJECT: DDH-252

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ti	MIN-200-12001		ICP/OES
Tl	MIN-200-12001		ICP-MS
Tm	MIN-200-12001		ICP-MS
U	MIN-200-12001		ICP-MS
V	MIN-200-12001		ICP/OES
W	MIN-200-12001		ICP-MS
Y	MIN-200-12001		ICP-MS
Yb	MIN-200-12001		ICP-MS
Zn	MIN-200-12001		ICP/OES
Zr	MIN-200-12001		ICP-MS
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

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CLIENT NAME: FIRST COBALT CORP
488-1090 W GEORGIA
VANCOUVER, BC V6E 3V7
604-687-7130

ATTENTION TO: FRANK SANTAGUIDA

PROJECT: DDH-253

AGAT WORK ORDER: 18B414095

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 14, 2019

PAGES (INCLUDING COVER): 12

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 14, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E6002165 (9742429)	2.21
E6002166 (9742430)	0.01
E6002167 (9742431)	3.27
E6002168 (9742432)	2.51
E6002169 (9742433)	3.03
E6002170 (9742434)	2.19
E6002171 (9742435)	2.52
E6002172 (9742436)	1.53
E6002173 (9742437)	2.90
E6002174 (9742438)	2.60
E6002175 (9742439)	2.90
E6002176 (9742440)	2.67
E6002177 (9742441)	3.04
E6002178 (9742442)	3.04

Comments: RDL - Reported Detection Limit

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 14, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E6002165 (9742429)	<1	9.15	<5	37	279	<5	<0.1	8.17	<0.2	9.3	32.9	0.031	2.2	106
E6002166 (9742430)	<1	4.61	573	123	172	<5	7.2	4.05	<0.2	72.1	1010	0.006	2.6	3020
E6002167 (9742431)	<1	9.25	7	135	183	<5	0.4	6.31	<0.2	9.7	34.2	0.034	0.7	95
E6002168 (9742432)	<1	8.53	6	2380	24.7	8	0.1	9.24	<0.2	10.0	28.7	0.027	<0.1	89
E6002169 (9742433)	<1	9.19	<5	37	177	<5	0.1	7.69	<0.2	8.6	33.0	0.033	0.9	108
E6002170 (9742434)	<1	8.88	<5	37	134	<5	<0.1	8.18	0.3	8.4	34.1	0.033	1.1	108
E6002171 (9742435)	<1	7.81	<5	<20	80.2	<5	<0.1	8.25	<0.2	8.8	45.0	0.036	1.3	94
E6002172 (9742436)	<1	0.06	<5	<20	21.7	<5	<0.1	34.7	<0.2	0.8	0.8	<0.005	<0.1	<5
E6002173 (9742437)	<1	7.90	<5	27	69.5	<5	<0.1	6.94	<0.2	9.9	43.8	0.036	1.1	101
E6002174 (9742438)	<1	7.25	11	<20	13.7	<5	<0.1	10.0	0.4	32.3	45.2	0.028	<0.1	189
E6002175 (9742439)	<1	7.34	<5	<20	7.1	<5	<0.1	6.10	<0.2	12.6	42.8	0.033	<0.1	99
E6002176 (9742440)	<1	7.96	<5	<20	28.1	<5	<0.1	5.68	<0.2	10.8	43.3	0.035	0.2	71
E6002177 (9742441)	<1	8.02	<5	29	120	<5	<0.1	7.73	<0.2	9.6	43.9	0.035	1.4	89
E6002178 (9742442)	<1	7.76	<5	28	119	<5	<0.1	7.63	<0.2	9.7	43.7	0.034	1.4	82

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E6002165 (9742429)	1.95	1.08	0.50	5.29	15.2	1.70	1	<1	0.41	<0.2	0.93	4.1	32	0.18
E6002166 (9742430)	3.17	1.90	0.94	3.21	12.2	4.20	2	5	0.68	0.2	3.24	35.0	<10	0.29
E6002167 (9742431)	1.84	1.16	0.50	6.20	15.0	1.71	2	<1	0.42	<0.2	0.75	4.4	44	0.17
E6002168 (9742432)	1.84	1.15	0.40	5.95	15.3	1.93	2	<1	0.41	<0.2	0.17	4.4	36	0.19
E6002169 (9742433)	1.80	1.18	0.46	5.69	15.1	1.72	2	<1	0.41	<0.2	0.87	3.9	28	0.18
E6002170 (9742434)	1.76	1.15	0.71	5.61	14.5	1.71	1	<1	0.40	<0.2	0.65	3.9	32	0.18
E6002171 (9742435)	1.87	1.17	0.43	6.27	13.8	1.72	2	<1	0.40	<0.2	0.48	4.0	41	0.17
E6002172 (9742436)	0.20	0.11	<0.05	0.10	0.18	0.19	1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
E6002173 (9742437)	2.07	1.24	0.47	6.49	13.6	1.93	1	<1	0.48	<0.2	0.49	4.4	55	0.20
E6002174 (9742438)	6.51	3.00	1.14	5.84	14.5	7.61	1	2	1.22	0.3	0.13	12.5	53	0.38
E6002175 (9742439)	2.12	1.27	0.56	6.43	13.2	2.13	2	<1	0.46	<0.2	0.14	5.6	59	0.19
E6002176 (9742440)	2.00	1.21	0.42	6.98	12.5	1.75	1	<1	0.44	<0.2	0.18	4.8	59	0.16
E6002177 (9742441)	2.05	1.22	0.49	6.54	13.9	1.84	2	<1	0.45	<0.2	0.74	4.2	41	0.19
E6002178 (9742442)	2.07	1.19	0.47	6.32	13.9	1.77	1	<1	0.45	<0.2	0.71	4.3	46	0.19

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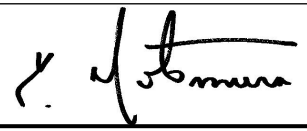

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Certificate of Analysis

AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

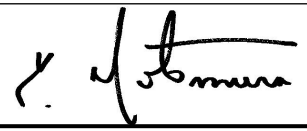
(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 14, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E6002165 (9742429)	3.91	1140	7	1	4.9	103	0.01	14	1.22	41.7	0.04	0.5	30	23.8
E6002166 (9742430)	2.47	464	12	7	30.6	164	0.06	12	8.49	111	1.54	1.6	6	27.9
E6002167 (9742431)	4.52	1240	6	<1	5.3	108	0.02	8	1.23	34.6	0.03	0.3	33	23.9
E6002168 (9742432)	3.44	3720	5	<1	5.8	88	<0.01	5	1.37	6.8	0.03	0.2	28	20.6
E6002169 (9742433)	4.25	1130	7	<1	4.7	107	0.01	11	1.13	36.9	0.04	0.1	31	23.7
E6002170 (9742434)	4.23	1200	7	<1	4.6	108	0.01	14	1.08	26.1	0.04	0.2	31	23.4
E6002171 (9742435)	5.13	1200	4	1	4.8	183	0.01	9	1.15	21.3	0.04	0.1	32	23.3
E6002172 (9742436)	1.31	15	2	<1	0.7	<5	<0.01	<5	0.17	0.2	<0.01	<0.1	<5	4.75
E6002173 (9742437)	5.25	1190	4	<1	5.4	183	0.02	21	1.27	21.1	0.03	<0.1	33	23.3
E6002174 (9742438)	4.25	998	3	<1	19.8	144	0.01	39	4.52	3.5	0.05	0.1	32	19.6
E6002175 (9742439)	5.37	1100	5	<1	6.6	173	0.01	11	1.60	1.5	0.05	0.2	31	23.5
E6002176 (9742440)	5.71	1210	3	<1	5.5	194	0.01	9	1.37	6.1	<0.01	0.1	34	23.4
E6002177 (9742441)	5.66	1210	5	<1	5.2	193	0.01	11	1.24	33.1	0.03	0.2	33	23.8
E6002178 (9742442)	5.38	1170	4	<1	5.3	191	0.02	13	1.25	32.7	0.03	0.1	33	23.1

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E6002165 (9742429)	1.3	<1	161	<0.5	0.27	1.6	0.27	<0.5	0.17	0.32	173	<1	9.9	1.2
E6002166 (9742430)	5.2	2	27.0	<0.5	0.59	9.8	0.23	0.8	0.29	6.58	58	4	17.7	1.9
E6002167 (9742431)	1.4	<1	150	<0.5	0.30	1.7	0.28	<0.5	0.18	0.33	184	<1	10.6	1.1
E6002168 (9742432)	1.6	<1	66.9	<0.5	0.31	1.6	0.24	<0.5	0.18	0.39	161	<1	10.4	1.2
E6002169 (9742433)	1.3	<1	154	<0.5	0.28	1.3	0.26	<0.5	0.19	0.31	175	<1	10.0	1.1
E6002170 (9742434)	1.2	<1	149	<0.5	0.29	1.2	0.27	<0.5	0.16	0.31	181	<1	9.7	1.0
E6002171 (9742435)	1.2	<1	144	<0.5	0.30	1.3	0.27	<0.5	0.16	0.31	184	<1	10.2	1.1
E6002172 (9742436)	0.1	<1	59.9	<0.5	<0.05	0.2	<0.01	<0.5	<0.05	0.14	<5	<1	2.0	0.1
E6002173 (9742437)	1.5	<1	132	<0.5	0.32	1.3	0.29	<0.5	0.20	0.33	195	<1	11.2	1.2
E6002174 (9742438)	6.6	<1	57.3	<0.5	1.18	1.3	0.25	<0.5	0.41	0.65	166	<1	32.8	2.6
E6002175 (9742439)	1.7	<1	138	<0.5	0.34	1.2	0.28	<0.5	0.21	0.37	177	<1	12.0	1.2
E6002176 (9742440)	1.4	<1	180	<0.5	0.31	1.3	0.31	<0.5	0.18	0.36	194	<1	10.1	1.1
E6002177 (9742441)	1.5	<1	178	<0.5	0.30	1.2	0.29	<0.5	0.20	0.37	191	<1	10.9	1.2
E6002178 (9742442)	1.4	<1	174	<0.5	0.32	1.3	0.29	<0.5	0.18	0.36	189	<1	11.0	1.3

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

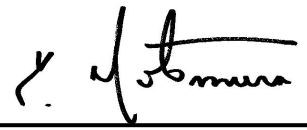
(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 14, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E6002165 (9742429)	54	31.3
E6002166 (9742430)	8	159
E6002167 (9742431)	68	31.5
E6002168 (9742432)	92	29.0
E6002169 (9742433)	63	29.2
E6002170 (9742434)	127	27.1
E6002171 (9742435)	73	28.6
E6002172 (9742436)	<5	1.8
E6002173 (9742437)	86	30.0
E6002174 (9742438)	124	67.6
E6002175 (9742439)	83	33.8
E6002176 (9742440)	70	34.9
E6002177 (9742441)	68	32.9
E6002178 (9742442)	65	32.3

Comments: RDL - Reported Detection Limit

Certified By:



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AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

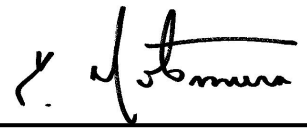
Sieving - % Passing (Crushing)

DATE SAMPLED: Nov 26, 2018 | DATE RECEIVED: Nov 27, 2018 | DATE REPORTED: Jan 14, 2019 | SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
E6002165 (9742429)		84

Comments: RDL - Reported Detection Limit

Certified By:



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Quality Assurance - Replicate

AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9742429	< 1	< 1	0.0%	9742442	< 1	< 1	0.0%								
Al	9742429	9.15	9.37	2.4%	9742442	7.76	7.96	2.5%								
As	9742429	< 5	< 5	0.0%	9742442	< 5	< 5	0.0%								
B	9742429	37	38	2.7%	9742442	28	30	6.9%								
Ba	9742429	279	292	4.6%	9742442	119	115	3.4%								
Be	9742429	< 5	< 5	0.0%	9742442	< 5	< 5	0.0%								
Bi	9742429	< 0.1	< 0.1	0.0%	9742442	< 0.1	< 0.1	0.0%								
Ca	9742429	8.17	8.16	0.1%	9742442	7.63	7.87	3.1%								
Cd	9742429	< 0.2	< 0.2	0.0%	9742442	< 0.2	< 0.2	0.0%								
Ce	9742429	9.27	9.10	1.9%	9742442	9.70	9.43	2.8%								
Co	9742429	32.9	33.4	1.5%	9742442	43.7	43.0	1.6%								
Cr	9742429	0.031	0.031	0.0%	9742442	0.0343	0.0333	3.0%								
Cs	9742429	2.2	2.2	0.0%	9742442	1.4	1.4	0.0%								
Cu	9742429	106	107	0.9%	9742442	82	81	1.2%								
Dy	9742429	1.95	1.88	3.7%	9742442	2.07	2.00	3.4%								
Er	9742429	1.08	1.15	6.3%	9742442	1.19	1.24	4.1%								
Eu	9742429	0.504	0.524	3.9%	9742442	0.474	0.512	7.7%								
Fe	9742429	5.29	5.40	2.1%	9742442	6.32	6.42	1.6%								
Ga	9742429	15.2	14.9	2.0%	9742442	13.9	13.7	1.4%								
Gd	9742429	1.70	1.67	1.8%	9742442	1.77	1.82	2.8%								
Ge	9742429	1	1	0.0%	9742442	1	1	0.0%								
Hf	9742429	< 1	< 1	0.0%	9742442	< 1	< 1	0.0%								
Ho	9742429	0.41	0.42	2.4%	9742442	0.449	0.442	1.6%								
In	9742429	< 0.2	< 0.2	0.0%	9742442	< 0.2	< 0.2	0.0%								
K	9742429	0.93	0.95	2.1%	9742442	0.71	0.71	0.0%								
La	9742429	4.12	4.18	1.4%	9742442	4.3	4.3	0.0%								
Li	9742429	32	34	6.1%	9742442	46	44	4.4%								
Lu	9742429	0.18	0.18	0.0%	9742442	0.19	0.19	0.0%								
Mg	9742429	3.91	4.30	9.5%	9742442	5.38	5.24	2.6%								
Mn	9742429	1140	1150	0.9%	9742442	1170	1190	1.7%								
Mo	9742429	7	6	15.4%	9742442	4	4	0.0%								

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AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Nb	9742429	1	< 1		9742442	< 1	< 1	0.0%								
Nd	9742429	4.9	4.9	0.0%	9742442	5.3	5.3	0.0%								
Ni	9742429	103	106	2.9%	9742442	191	187	2.1%								
P	9742429	0.012	0.015	22.2%	9742442	0.017	0.013	26.7%								
Pb	9742429	14	13	7.4%	9742442	13	11	16.7%								
Pr	9742429	1.22	1.16	5.0%	9742442	1.25	1.24	0.8%								
Rb	9742429	41.7	42.3	1.4%	9742442	32.7	32.9	0.6%								
S	9742429	0.042	0.055	26.8%	9742442	0.03	0.02									
Sb	9742429	0.5	0.7		9742442	0.1	0.1	0.0%								
Sc	9742429	30	31	3.3%	9742442	33	32	3.1%								
Si	9742429	23.8	24.1	1.3%	9742442	23.1	23.5	1.7%								
Sm	9742429	1.3	1.3	0.0%	9742442	1.4	1.4	0.0%								
Sn	9742429	< 1	< 1	0.0%	9742442	< 1	< 1	0.0%								
Sr	9742429	161	161	0.0%	9742442	174	177	1.7%								
Ta	9742429	< 0.5	< 0.5	0.0%	9742442	< 0.5	< 0.5	0.0%								
Tb	9742429	0.274	0.276	0.7%	9742442	0.316	0.308	2.6%								
Th	9742429	1.6	1.6	0.0%	9742442	1.28	1.22	4.8%								
Ti	9742429	0.27	0.27	0.0%	9742442	0.29	0.29	0.0%								
Tl	9742429	< 0.5	< 0.5	0.0%	9742442	< 0.5	< 0.5	0.0%								
Tm	9742429	0.17	0.17	0.0%	9742442	0.180	0.187	3.8%								
U	9742429	0.32	0.33	3.1%	9742442	0.365	0.368	0.8%								
V	9742429	173	180	4.0%	9742442	189	192	1.6%								
W	9742429	< 1	< 1	0.0%	9742442	< 1	< 1	0.0%								
Y	9742429	9.9	10.1	2.0%	9742442	11.0	10.7	2.8%								
Yb	9742429	1.17	1.12	4.4%	9742442	1.28	1.22	4.8%								
Zn	9742429	54	50	7.7%	9742442	65	67	3.0%								
Zr	9742429	31.3	30.2	3.6%	9742442	32.3	31.3	3.1%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	10.62	97%	90% - 110%												
Ba	340	319	94%	90% - 110%												
Be	2.6	3	114%	90% - 110%												
Ca	5.72	5.56	97%	90% - 110%												
Ce	122	124	101%	90% - 110%												
Co	2.8	2.4	85%	90% - 110%												
Cs	1.5	1.4	94%	90% - 110%												
Cu	7	5	74%	90% - 110%												
Dy	18.2	18.4	101%	90% - 110%												
Er	14.2	14.1	100%	90% - 110%												
Eu	2.0	2	100%	90% - 110%												
Fe	4.34	4.21	97%	90% - 110%												
Ga	35	36	103%	90% - 110%												
Gd	14	15	105%	90% - 110%												
Hf	10.6	11.3	107%	90% - 110%												
Ho	4.3	4.4	103%	90% - 110%												
K	1.37	1.39	101%	90% - 110%												
La	58	57	99%	90% - 110%												
Li	37	34	91%	90% - 110%												
Lu	2.1	2.2	104%	90% - 110%												
Mg	0.325	0.297	91%	90% - 110%												
Mn	836	812	97%	90% - 110%												
Nb	13	14	107%	90% - 110%												
Nd	57	57	100%	90% - 110%												
Ni	9	9	97%	90% - 110%												
Pb	10	10	97%	90% - 110%												
Pr	15.0	15.1	101%	90% - 110%												
Rb	55	54	99%	90% - 110%												
Si	23.3	23.4	100%	90% - 110%												
Sm	12.7	12.7	100%	90% - 110%												
Sn	7.1	7.9	111%	90% - 110%												

Results relate only to the items tested. Results apply to samples as received.

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Sr	1191	1178	99%	90% - 110%												
Ta	0.9	0.9	99%	90% - 110%												
Tb	2.6	2.7	103%	90% - 110%												
Th	1.4	1.2	85%	90% - 110%												
Ti	0.172	0.167	97%	90% - 110%												
Tm	2.3	2.4	103%	90% - 110%												
U	0.8	0.8	96%	90% - 110%												
V	8	6	73%	90% - 110%												
Y	119	111	93%	90% - 110%												
Yb	14.8	14.8	100%	90% - 110%												
Zn	93	98	105%	90% - 110%												
Zr	517	550	106%	90% - 110%												

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag			ICP/MS
Al	MIN-200-12001		ICP/OES
As	MIN-200-12001		ICP/MS
B	MIN-200-12001		ICP/OES
Ba	MIN-200-12001		ICP/OES
Be	MIN-200-12001		ICP/OES
Bi	MIN-200-12001		ICP-MS
Ca	MIN-200-12001		ICP/OES
Cd	MIN-200-12001		ICP-MS
Ce	MIN-200-12001		ICP-MS
Co	MIN-200-12001		ICP/MS
Cr	MIN-200-12001		ICP/OES
Cs	MIN-200-12001		ICP-MS
Cu	MIN-200-12001		ICP/OES
Dy	MIN-200-12001		ICP-MS
Er	MIN-200-12001		ICP-MS
Eu	MIN-200-12001		ICP-MS
Fe	MIN-200-12001		ICP/OES
Ga	MIN-200-12001		ICP-MS
Gd	MIN-200-12001		ICP-MS
Ge	MIN-200-12001		ICP-MS
Hf	MIN-200-12001		ICP-MS
Ho	MIN-200-12001		ICP-MS
In	MIN-200-12001		ICP-MS
K	MIN-200-12001		ICP/OES
La	MIN-200-12001		ICP-MS
Li	MIN-200-12001		ICP/OES
Lu	MIN-200-12001		ICP-MS
Mg	MIN-200-12001		ICP/OES
Mn	MIN-200-12001		ICP/OES
Mo	MIN-200-12001		ICP/MS
Nb	MIN-200-12001		ICP-MS
Nd	MIN-200-12001		ICP-MS
Ni	MIN-200-12001		ICP/OES
P			ICP/OES
Pb	MIN-200-12001		ICP/MS
Pr	MIN-200-12001		ICP-MS
Rb	MIN-200-12001		ICP/MS
S	MIN-200-12001		ICP/OES
Sb	MIN-200-12001		ICP-MS
Sc	MIN-200-12001		ICP/OES
Si	MIN-200-12001		ICP/OES
Sm	MIN-200-12001		ICP-MS
Sn	MIN-200-12001		ICP/MS
Sr	MIN-200-12001		ICP-OES
Ta	MIN-200-12001		ICP-MS
Tb	MIN-200-12001		ICP-MS
Th	MIN-200-12001		ICP-MS

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B414095

PROJECT: DDH-253

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ti	MIN-200-12001		ICP/OES
Tl	MIN-200-12001		ICP-MS
Tm	MIN-200-12001		ICP-MS
U	MIN-200-12001		ICP-MS
V	MIN-200-12001		ICP/OES
W	MIN-200-12001		ICP-MS
Y	MIN-200-12001		ICP-MS
Yb	MIN-200-12001		ICP-MS
Zn	MIN-200-12001		ICP/OES
Zr	MIN-200-12001		ICP-MS
Pass %			BALANCE

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CLIENT NAME: FIRST COBALT CORP
488-1090 W GEORGIA
VANCOUVER, BC V6E 3V7
604-687-7130

ATTENTION TO: FRANK SANTAGUIDA

PROJECT: DDH-254

AGAT WORK ORDER: 18B415583

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 10, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested. Results apply to samples as received.

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Certificate of Analysis

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E6544829 (9750476)	3.24
E6544830 (9750477)	1.84
E6544831 (9750478)	2.55
E6544832 (9750479)	1.64
E6544833 (9750480)	1.73
E6544834 (9750481)	2.36
E6544835 (9750482)	2.84
E6544836 (9750483)	1.16
E6544837 (9750484)	1.93
E6544838 (9750485)	1.93
E6544839 (9750486)	1.71
E6544840 (9750487)	3.56
E6544841 (9750488)	1.54
E6544842 (9750489)	1.94
E6544843 (9750490)	0.94
E6544844 (9750491)	1.32
E6544845 (9750492)	1.75
E6544846 (9750493)	0.01
E6544847 (9750494)	2.79
E6544848 (9750495)	2.17
E6544849 (9750496)	1.87
E6544850 (9750497)	1.25
E6544851 (9750498)	2.82
E6544852 (9750499)	1.71
E6544853 (9750500)	2.34
E6544854 (9750501)	2.40
E6544855 (9750502)	1.47
E6544856 (9750503)	1.19
E6544857 (9750504)	2.43
E6544858 (9750505)	2.43
E6544859 (9750506)	2.61

Certified By:

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AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E6544860 (9750507)	2.37
E6544861 (9750508)	2.82
E6544862 (9750509)	3.02
E6544863 (9750510)	2.28

Comments: RDL - Reported Detection Limit

Certified By:

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AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E6544829 (9750476)	<1	6.88	<5	<20	30.6	<5	<0.1	0.44	<0.2	12.3	15.7	0.018	0.3	7
E6544830 (9750477)	<1	7.90	<5	43	106	<5	<0.1	0.37	<0.2	12.5	8.9	0.010	0.5	7
E6544831 (9750478)	<1	7.98	<5	<20	201	<5	<0.1	0.35	<0.2	27.2	8.7	0.010	0.8	6
E6544832 (9750479)	<1	0.05	<5	<20	23.5	<5	<0.1	35.2	<0.2	0.8	0.9	<0.005	<0.1	<5
E6544833 (9750480)	<1	4.38	<5	<20	99.2	<5	<0.1	0.25	<0.2	20.6	9.9	0.018	0.6	9
E6544834 (9750481)	<1	8.14	<5	<20	100	<5	<0.1	0.36	<0.2	23.3	8.6	0.010	0.5	5
E6544835 (9750482)	<1	7.71	<5	<20	59.6	<5	<0.1	0.33	<0.2	42.7	7.8	0.011	0.4	6
E6544836 (9750483)	<1	4.09	<5	<20	63.3	<5	<0.1	0.19	<0.2	10.7	4.3	0.021	0.4	<5
E6544837 (9750484)	<1	8.04	<5	<20	86.0	<5	<0.1	0.32	<0.2	21.4	8.0	0.011	0.5	6
E6544838 (9750485)	<1	7.96	<5	<20	86.2	<5	<0.1	0.31	<0.2	19.6	8.0	0.013	0.5	6
E6544839 (9750486)	<1	8.09	<5	<20	95.7	<5	<0.1	0.34	<0.2	21.9	12.1	0.010	0.4	8
E6544840 (9750487)	<1	6.89	<5	<20	59.4	<5	<0.1	1.80	<0.2	27.0	36.3	0.095	2.3	13
E6544841 (9750488)	<1	8.06	<5	<20	192	<5	<0.1	0.42	<0.2	10.6	16.9	0.010	0.8	21
E6544842 (9750489)	<1	7.28	<5	<20	214	<5	<0.1	0.42	<0.2	17.6	18.1	0.013	0.8	109
E6544843 (9750490)	<1	7.37	<5	<20	80.2	<5	<0.1	4.27	<0.2	17.7	31.7	0.027	0.8	67
E6544844 (9750491)	<1	6.65	<5	<20	132	<5	<0.1	1.82	<0.2	21.3	17.2	0.008	0.9	12
E6544845 (9750492)	<1	8.01	<5	<20	192	<5	<0.1	2.53	<0.2	24.5	16.5	0.006	0.8	10
E6544846 (9750493)	<1	4.59	560	126	175	<5	7.0	4.25	<0.2	75.6	1010	0.006	2.7	3090
E6544847 (9750494)	<1	7.30	<5	<20	115	<5	0.4	3.25	<0.2	26.4	28.8	0.025	0.4	10
E6544848 (9750495)	<1	7.18	<5	<20	167	<5	0.2	3.92	<0.2	49.4	31.6	0.027	0.3	48
E6544849 (9750496)	<1	7.10	39	<20	125	<5	0.6	3.64	<0.2	38.2	129	0.028	0.3	244
E6544850 (9750497)	<1	7.38	<5	<20	293	<5	0.3	3.88	<0.2	17.3	33.4	0.028	0.7	33
E6544851 (9750498)	<1	7.41	<5	<20	247	<5	0.1	3.58	<0.2	20.4	34.1	0.028	0.6	40
E6544852 (9750499)	<1	0.06	<5	<20	18.5	<5	<0.1	35.6	<0.2	0.9	0.9	<0.005	<0.1	<5
E6544853 (9750500)	<1	7.21	<5	<20	279	<5	0.1	4.07	<0.2	17.8	35.1	0.028	0.5	10
E6544854 (9750501)	<1	7.39	<5	<20	423	<5	0.1	4.89	<0.2	11.1	44.4	0.027	0.6	21
E6544855 (9750502)	<1	5.59	5	<20	438	<5	<0.1	5.88	<0.2	148	42.7	0.110	0.7	11
E6544856 (9750503)	<1	6.08	<5	<20	730	<5	<0.1	5.09	<0.2	73.3	38.5	0.055	0.4	10
E6544857 (9750504)	<1	7.04	<5	<20	516	<5	0.2	4.78	<0.2	33.7	39.5	0.053	0.4	11
E6544858 (9750505)	<1	7.13	<5	<20	548	<5	0.2	4.76	<0.2	29.3	38.2	0.054	0.4	12
E6544859 (9750506)	<1	7.44	<5	28	429	<5	0.1	4.78	1.1	10.6	42.1	0.029	0.5	7
E6544860 (9750507)	<1	7.70	<5	26	455	<5	0.1	4.09	1.3	9.8	38.2	0.030	0.5	12

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AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

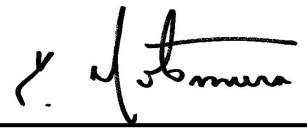
ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E6544861 (9750508)	<1	7.20	<5	<20	325	<5	0.1	4.20	0.9	9.6	40.2	0.028	0.5	11
E6544862 (9750509)	<1	7.37	<5	24	276	<5	0.1	4.38	0.6	10.0	37.9	0.030	0.3	7
E6544863 (9750510)	<1	6.94	<5	24	271	<5	0.2	4.49	0.3	10.7	54.9	0.028	0.3	8

Certified By:



Results relate only to the items tested. Results apply to samples as received.

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Certificate of Analysis

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

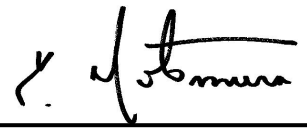
ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E6544829 (9750476)	1.45	0.83	0.48	4.15	14.1	1.62	1	5	0.29	<0.2	0.25	5.4	49	0.15
E6544830 (9750477)	1.22	0.69	0.48	2.63	16.9	1.43	<1	3	0.26	<0.2	0.80	5.7	45	0.09
E6544831 (9750478)	1.17	0.50	0.64	2.43	19.5	1.85	1	3	0.19	<0.2	1.40	12.9	46	0.06
E6544832 (9750479)	0.21	0.12	<0.05	0.06	0.16	0.20	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
E6544833 (9750480)	0.65	0.31	0.39	1.77	11.1	1.24	<1	2	0.11	<0.2	0.87	10.3	28	<0.05
E6544834 (9750481)	1.28	0.62	0.61	2.07	17.8	2.01	1	3	0.23	<0.2	0.85	10.8	34	0.08
E6544835 (9750482)	1.19	0.49	0.71	2.13	17.6	2.36	1	3	0.22	<0.2	0.55	19.6	36	0.08
E6544836 (9750483)	0.69	0.31	0.27	1.27	9.58	0.98	<1	2	0.11	<0.2	0.54	4.8	24	<0.05
E6544837 (9750484)	1.07	0.57	0.61	2.54	19.0	1.81	<1	3	0.19	<0.2	0.76	9.6	39	0.07
E6544838 (9750485)	1.04	0.60	0.59	2.59	19.0	1.71	<1	3	0.20	<0.2	0.73	8.7	38	0.07
E6544839 (9750486)	1.16	0.59	0.58	2.73	20.1	1.89	1	3	0.21	<0.2	0.70	9.9	42	0.09
E6544840 (9750487)	2.28	1.21	0.81	9.00	29.0	3.17	2	3	0.44	<0.2	0.60	13.1	146	0.17
E6544841 (9750488)	0.95	0.56	0.41	2.48	20.0	1.26	<1	3	0.19	<0.2	1.36	4.8	47	0.08
E6544842 (9750489)	1.24	0.61	0.53	3.82	19.6	1.74	1	3	0.22	<0.2	1.38	8.0	65	0.09
E6544843 (9750490)	2.93	1.71	0.99	8.76	16.4	3.14	1	2	0.59	<0.2	0.60	8.5	90	0.25
E6544844 (9750491)	2.67	1.63	0.86	5.60	14.5	2.86	1	3	0.54	<0.2	0.61	9.3	63	0.24
E6544845 (9750492)	3.17	1.80	1.17	5.43	16.4	3.58	1	4	0.63	<0.2	0.68	10.9	61	0.29
E6544846 (9750493)	3.37	2.06	1.03	3.22	10.6	4.52	2	5	0.70	0.2	3.36	37.0	<10	0.31
E6544847 (9750494)	3.67	2.25	1.08	9.64	14.2	3.64	1	2	0.78	<0.2	0.56	11.5	73	0.31
E6544848 (9750495)	4.38	2.51	1.30	8.72	14.5	4.95	2	1	0.92	<0.2	0.55	23.3	71	0.35
E6544849 (9750496)	3.98	2.32	1.03	8.51	13.5	4.17	2	1	0.81	<0.2	0.52	17.8	80	0.35
E6544850 (9750497)	3.42	2.22	0.92	8.39	13.8	3.14	2	1	0.71	<0.2	0.74	7.7	78	0.33
E6544851 (9750498)	3.77	2.30	0.98	8.85	13.7	3.60	2	1	0.79	<0.2	0.63	9.4	88	0.33
E6544852 (9750499)	0.22	0.17	<0.05	0.09	0.18	0.22	1	<1	0.05	<0.2	<0.05	1.1	<10	<0.05
E6544853 (9750500)	3.45	2.17	1.09	8.68	14.0	3.41	2	1	0.74	<0.2	0.60	8.3	76	0.33
E6544854 (9750501)	2.99	1.96	0.84	8.49	13.6	2.51	2	1	0.64	<0.2	0.68	4.6	60	0.30
E6544855 (9750502)	4.40	1.73	2.33	8.61	13.6	9.65	2	4	0.73	<0.2	0.58	69.4	87	0.22
E6544856 (9750503)	3.23	1.72	1.45	8.00	12.4	5.41	2	2	0.62	<0.2	1.21	34.2	71	0.25
E6544857 (9750504)	3.56	1.93	1.39	8.33	15.1	4.77	1	2	0.68	<0.2	0.93	13.1	88	0.27
E6544858 (9750505)	3.31	1.87	1.34	8.75	14.6	4.63	1	2	0.65	<0.2	0.98	11.1	85	0.26
E6544859 (9750506)	2.84	1.84	0.89	8.69	13.7	2.47	2	1	0.59	<0.2	0.67	4.0	56	0.27
E6544860 (9750507)	2.90	1.96	0.96	7.57	14.7	2.51	1	1	0.64	<0.2	0.77	3.7	61	0.29

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E6544861 (9750508)	2.68	1.92	0.99	8.25	13.9	2.30	1	1	0.59	<0.2	0.54	3.8	53	0.28
E6544862 (9750509)	3.03	1.97	0.90	8.04	12.8	2.29	2	1	0.62	<0.2	0.41	3.7	49	0.29
E6544863 (9750510)	2.68	1.73	0.92	10.1	14.2	2.32	2	1	0.58	<0.2	0.48	4.1	58	0.27

Certified By:

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AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E6544829 (9750476)	2.19	429	<2	6	6.3	53	0.05	9	1.54	4.9	0.02	0.2	12	31.0
E6544830 (9750477)	1.49	316	3	<1	6.2	30	0.04	9	1.50	26.4	<0.01	0.2	7	31.1
E6544831 (9750478)	1.39	291	4	1	12.4	29	0.05	8	3.14	55.5	<0.01	0.3	5	30.9
E6544832 (9750479)	0.87	<10	<2	<1	0.7	<5	<0.01	<5	0.16	0.3	<0.01	<0.1	<5	4.39
E6544833 (9750480)	0.82	199	7	<1	8.7	22	0.02	13	2.30	35.8	0.03	0.2	<5	37.9
E6544834 (9750481)	1.17	275	5	1	10.9	23	0.04	8	2.78	31.9	<0.01	0.2	<5	31.9
E6544835 (9750482)	1.18	291	4	<1	17.5	23	0.04	9	4.80	19.3	<0.01	0.1	<5	32.8
E6544836 (9750483)	0.58	157	13	<1	5.0	15	0.02	12	1.24	20.6	<0.01	0.2	<5	38.6
E6544837 (9750484)	1.13	274	4	1	10.0	23	0.04	8	2.48	29.7	<0.01	0.2	<5	31.7
E6544838 (9750485)	1.15	281	7	<1	9.6	24	0.04	7	2.40	29.2	<0.01	0.2	<5	31.5
E6544839 (9750486)	1.46	349	3	1	10.7	37	0.04	7	2.62	26.6	<0.01	0.2	<5	31.1
E6544840 (9750487)	6.98	1370	3	2	14.4	405	0.12	<5	3.34	32.1	<0.01	0.2	16	23.0
E6544841 (9750488)	1.40	313	3	1	5.7	30	0.05	6	1.31	47.3	0.04	0.2	<5	31.6
E6544842 (9750489)	2.06	427	6	<1	8.9	39	0.04	6	2.19	46.0	0.03	0.2	5	30.5
E6544843 (9750490)	3.61	1250	<2	<1	11.1	78	0.03	<5	2.40	17.6	<0.01	0.3	40	22.2
E6544844 (9750491)	2.13	748	3	3	11.8	43	0.06	6	2.73	23.2	<0.01	0.3	15	29.1
E6544845 (9750492)	2.34	931	<2	4	13.8	49	0.07	<5	3.12	24.6	<0.01	0.2	18	25.9
E6544846 (9750493)	2.54	448	12	7	31.4	165	0.07	12	8.46	102	1.51	1.7	7	27.0
E6544847 (9750494)	4.35	1440	<2	<1	14.4	81	0.03	<5	3.30	10.1	<0.01	0.2	40	22.9
E6544848 (9750495)	4.90	1660	<2	<1	22.8	91	0.03	<5	5.81	10.5	<0.01	0.2	44	22.6
E6544849 (9750496)	5.38	1770	<2	<1	18.0	128	0.02	<5	4.53	8.4	0.27	0.2	44	22.7
E6544850 (9750497)	5.30	1900	<2	<1	10.1	91	0.03	<5	2.23	19.9	0.05	0.2	45	22.9
E6544851 (9750498)	5.59	2130	<2	<1	11.2	84	0.03	<5	2.57	16.9	0.02	0.2	46	22.7
E6544852 (9750499)	1.41	12	<2	<1	0.8	<5	<0.01	<5	0.19	0.3	<0.01	<0.1	<5	4.95
E6544853 (9750500)	5.24	2260	<2	<1	10.1	86	0.03	19	2.27	15.4	0.01	0.3	44	22.8
E6544854 (9750501)	4.81	2120	<2	<1	7.0	88	0.02	13	1.55	18.2	<0.01	0.6	44	23.2
E6544855 (9750502)	8.15	2380	<2	5	69.0	272	0.28	15	17.9	12.2	<0.01	0.5	29	21.8
E6544856 (9750503)	7.08	2550	<2	7	38.0	124	0.17	15	9.13	23.7	<0.01	0.4	26	22.4
E6544857 (9750504)	6.09	2610	<2	5	22.1	132	0.14	212	4.77	20.2	<0.01	0.5	34	21.8
E6544858 (9750505)	6.27	2640	<2	5	20.5	134	0.14	232	4.32	19.8	<0.01	0.5	35	22.0
E6544859 (9750506)	4.70	2350	<2	<1	7.1	88	0.03	80	1.52	19.2	<0.01	1.2	44	23.5
E6544860 (9750507)	4.50	2390	<2	<1	6.8	83	0.03	93	1.42	19.4	0.03	0.5	45	24.3

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Certificate of Analysis

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E6544861 (9750508)	4.76	2410	<2	<1	6.3	90	0.03	65	1.39	15.7	0.04	0.7	45	24.1
E6544862 (9750509)	4.41	2260	<2	<1	6.6	84	0.03	58	1.41	9.2	<0.01	0.9	46	24.4
E6544863 (9750510)	5.16	2650	<2	<1	6.8	103	0.02	98	1.52	10.5	0.15	0.8	44	22.8

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Certificate of Analysis

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E6544829 (9750476)	1.5	1	26.5	<0.5	0.25	9.2	0.28	<0.5	0.13	1.80	93	<1	7.5	0.9
E6544830 (9750477)	1.3	<1	62.0	<0.5	0.23	5.5	0.20	<0.5	0.10	1.40	54	<1	7.2	0.7
E6544831 (9750478)	2.2	<1	49.0	<0.5	0.24	5.2	0.20	<0.5	0.07	1.37	50	1	6.1	0.5
E6544832 (9750479)	0.1	<1	65.1	<0.5	<0.05	0.6	<0.01	<0.5	<0.05	0.24	<5	<1	2.0	0.1
E6544833 (9750480)	1.6	<1	28.8	<0.5	0.17	2.6	0.10	<0.5	<0.05	0.64	46	<1	3.4	0.3
E6544834 (9750481)	2.3	<1	45.2	<0.5	0.28	4.5	0.19	<0.5	0.08	1.33	47	<1	6.3	0.5
E6544835 (9750482)	2.7	2	38.7	<0.5	0.30	4.4	0.18	<0.5	0.08	1.14	42	<1	5.6	0.5
E6544836 (9750483)	1.1	<1	25.1	<0.5	0.14	2.3	0.10	<0.5	<0.05	0.59	28	<1	3.1	0.3
E6544837 (9750484)	2.0	<1	40.8	<0.5	0.23	4.7	0.19	<0.5	0.08	1.20	41	1	5.7	0.5
E6544838 (9750485)	1.9	<1	39.9	<0.5	0.22	4.6	0.19	<0.5	0.09	1.18	43	<1	5.5	0.5
E6544839 (9750486)	2.4	<1	44.2	<0.5	0.25	4.8	0.20	<0.5	0.08	1.28	47	1	6.1	0.6
E6544840 (9750487)	3.3	3	33.1	<0.5	0.46	4.0	0.34	<0.5	0.17	0.98	139	3	11.9	1.1
E6544841 (9750488)	1.3	<1	64.4	<0.5	0.20	4.6	0.20	<0.5	0.07	1.21	46	<1	5.8	0.4
E6544842 (9750489)	2.0	<1	42.9	<0.5	0.26	4.6	0.19	<0.5	0.09	1.19	60	<1	6.3	0.6
E6544843 (9750490)	2.8	1	42.7	<0.5	0.49	1.7	0.43	<0.5	0.26	0.65	245	<1	16.3	1.8
E6544844 (9750491)	2.8	<1	61.0	<0.5	0.46	2.2	0.51	<0.5	0.23	0.69	148	<1	14.5	1.5
E6544845 (9750492)	3.3	<1	77.4	<0.5	0.55	2.5	0.61	<0.5	0.27	0.77	172	<1	17.8	2.0
E6544846 (9750493)	5.6	2	29.2	<0.5	0.69	9.9	0.24	0.7	0.29	6.88	60	4	18.9	2.1
E6544847 (9750494)	3.4	2	45.9	<0.5	0.68	1.8	0.44	<0.5	0.32	0.42	256	<1	19.4	2.0
E6544848 (9750495)	4.6	2	51.3	<0.5	0.80	1.0	0.43	<0.5	0.34	0.49	263	<1	22.6	2.3
E6544849 (9750496)	3.9	1	56.0	<0.5	0.65	0.7	0.42	<0.5	0.35	0.35	265	<1	21.2	2.4
E6544850 (9750497)	2.5	<1	77.6	<0.5	0.54	0.6	0.43	<0.5	0.31	0.29	281	<1	18.5	2.1
E6544851 (9750498)	2.9	3	76.5	<0.5	0.60	2.8	0.43	<0.5	0.33	0.39	280	<1	19.7	2.3
E6544852 (9750499)	0.2	<1	62.9	<0.5	<0.05	0.6	<0.01	<0.5	<0.05	0.55	<5	<1	2.2	0.1
E6544853 (9750500)	2.7	1	106	<0.5	0.56	1.8	0.42	<0.5	0.33	0.47	267	<1	18.8	2.2
E6544854 (9750501)	2.0	<1	234	<0.5	0.48	1.1	0.41	<0.5	0.29	0.16	272	<1	17.0	2.0
E6544855 (9750502)	12.2	1	125	<0.5	1.16	9.8	0.33	<0.5	0.20	1.71	182	<1	20.2	1.4
E6544856 (9750503)	6.2	1	132	<0.5	0.69	3.7	0.39	<0.5	0.25	0.69	200	<1	16.6	1.7
E6544857 (9750504)	4.9	1	149	<0.5	0.67	3.6	0.42	<0.5	0.26	0.77	234	<1	18.4	1.8
E6544858 (9750505)	4.9	<1	148	<0.5	0.65	3.3	0.43	<0.5	0.27	0.74	240	<1	17.8	1.8
E6544859 (9750506)	1.8	<1	241	<0.5	0.44	1.0	0.42	<0.5	0.27	0.40	272	<1	16.4	1.8
E6544860 (9750507)	1.9	<1	194	<0.5	0.46	0.8	0.44	<0.5	0.28	0.36	274	<1	17.2	1.9

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Certificate of Analysis

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E6544861 (9750508)	1.7	1	166	<0.5	0.41	0.6	0.42	<0.5	0.28	0.63	278	<1	16.0	1.8
E6544862 (9750509)	1.7	1	201	<0.5	0.44	0.6	0.45	<0.5	0.29	0.56	266	<1	16.8	1.9
E6544863 (9750510)	1.8	1	164	<0.5	0.42	0.5	0.41	<0.5	0.26	0.58	279	<1	15.5	1.7

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AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E6544829 (9750476)	65	149
E6544830 (9750477)	54	106
E6544831 (9750478)	46	107
E6544832 (9750479)	<5	5.8
E6544833 (9750480)	36	52.0
E6544834 (9750481)	47	106
E6544835 (9750482)	46	102
E6544836 (9750483)	25	53.5
E6544837 (9750484)	42	109
E6544838 (9750485)	43	108
E6544839 (9750486)	51	112
E6544840 (9750487)	213	89.5
E6544841 (9750488)	49	107
E6544842 (9750489)	63	97.7
E6544843 (9750490)	143	61.1
E6544844 (9750491)	104	114
E6544845 (9750492)	119	139
E6544846 (9750493)	<5	160
E6544847 (9750494)	200	56.7
E6544848 (9750495)	218	46.1
E6544849 (9750496)	229	41.6
E6544850 (9750497)	252	43.6
E6544851 (9750498)	290	42.5
E6544852 (9750499)	<5	4.4
E6544853 (9750500)	294	41.3
E6544854 (9750501)	244	41.9
E6544855 (9750502)	348	163
E6544856 (9750503)	331	75.5
E6544857 (9750504)	381	83.8
E6544858 (9750505)	376	79.1
E6544859 (9750506)	564	43.7
E6544860 (9750507)	609	45.7

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AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E6544861 (9750508)	464	41.1
E6544862 (9750509)	380	43.3
E6544863 (9750510)	367	40.2

Comments: RDL - Reported Detection Limit

Certified By:

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AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Sieving - % Passing (Crushing)

DATE SAMPLED: Nov 29, 2018 | DATE RECEIVED: Nov 29, 2018 | DATE REPORTED: Jan 10, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
E6544829 (9750476)	88
E6544843 (9750490)	89
E6544848 (9750495)	82
E6544853 (9750500)	95
E6544854 (9750501)	79
E6544858 (9750505)	98
E6544860 (9750507)	81

Comments: RDL - Reported Detection Limit

Certified By:

Results relate only to the items tested. Results apply to samples as received.

AGAT Laboratories

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Quality Assurance - Replicate

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	9750476	< 1	< 1	0.0%	9750490	< 1	< 1	0.0%	9750501	< 1	< 1	0.0%				
Al	9750476	6.88	6.87	0.1%	9750490	7.37	7.32	0.7%	9750501	7.39	7.47	1.1%				
As	9750476	< 5	< 5	0.0%	9750490	< 5	< 5	0.0%	9750501	< 5	< 5	0.0%				
B	9750476	< 20	< 20	0.0%	9750490	< 20	< 20	0.0%	9750501	< 20	< 20	0.0%				
Ba	9750476	30.6	31.7	3.5%	9750490	80.2	77.1	3.9%	9750501	423	423	0.0%				
Be	9750476	< 5	< 5	0.0%	9750490	< 5	< 5	0.0%	9750501	< 5	< 5	0.0%				
Bi	9750476	< 0.1	< 0.1	0.0%	9750490	< 0.1	< 0.1	0.0%	9750501	0.1	0.1	0.0%				
Ca	9750476	0.44	0.51	14.7%	9750490	4.27	4.28	0.2%	9750501	4.89	4.95	1.2%				
Cd	9750476	< 0.2	< 0.2	0.0%	9750490	< 0.2	< 0.2	0.0%	9750501	< 0.2	0.3					
Ce	9750476	12.3	14.0	12.9%	9750490	17.7	17.2	2.9%	9750501	11.1	10.9	1.8%				
Co	9750476	15.7	17.0	8.0%	9750490	31.7	31.6	0.3%	9750501	44.4	44.2	0.5%				
Cr	9750476	0.018	0.018	0.0%	9750490	0.027	0.026	3.8%	9750501	0.027	0.027	0.0%				
Cs	9750476	0.3	0.3	0.0%	9750490	0.8	0.8	0.0%	9750501	0.6	0.6	0.0%				
Cu	9750476	7	9	25.0%	9750490	67	64	4.6%	9750501	21	19	10.0%				
Dy	9750476	1.45	1.44	0.7%	9750490	2.93	2.94	0.3%	9750501	2.99	3.02	1.0%				
Er	9750476	0.832	0.852	2.4%	9750490	1.71	1.78	4.0%	9750501	1.96	2.00	2.0%				
Eu	9750476	0.477	0.461	3.4%	9750490	0.99	0.98	1.0%	9750501	0.84	0.81	3.6%				
Fe	9750476	4.15	4.11	1.0%	9750490	8.76	8.36	4.7%	9750501	8.49	8.65	1.9%				
Ga	9750476	14.1	14.2	0.7%	9750490	16.4	16.3	0.6%	9750501	13.6	13.2	3.0%				
Gd	9750476	1.62	1.70	4.8%	9750490	3.14	3.01	4.2%	9750501	2.51	2.62	4.3%				
Ge	9750476	1	1	0.0%	9750490	1	1	0.0%	9750501	2	2	0.0%				
Hf	9750476	5	5	0.0%	9750490	2	2	0.0%	9750501	1	1	0.0%				
Ho	9750476	0.29	0.28	3.5%	9750490	0.59	0.59	0.0%	9750501	0.64	0.64	0.0%				
In	9750476	< 0.2	< 0.2	0.0%	9750490	< 0.2	< 0.2	0.0%	9750501	< 0.2	< 0.2	0.0%				
K	9750476	0.246	0.237	3.7%	9750490	0.600	0.594	1.0%	9750501	0.680	0.705	3.6%				
La	9750476	5.4	6.2	13.8%	9750490	8.47	8.19	3.4%	9750501	4.55	4.47	1.8%				
Li	9750476	49	50	2.0%	9750490	90	93	3.3%	9750501	60	61	1.7%				
Lu	9750476	0.155	0.165	6.3%	9750490	0.248	0.267	7.4%	9750501	0.30	0.30	0.0%				
Mg	9750476	2.19	2.21	0.9%	9750490	3.61	3.63	0.6%	9750501	4.81	4.68	2.7%				
Mn	9750476	429	455	5.9%	9750490	1250	1250	0.0%	9750501	2120	2130	0.5%				
Mo	9750476	< 2	3		9750490	< 2	< 2	0.0%	9750501	< 2	< 2	0.0%				

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Nb	9750476	6	5	18.2%	9750490	< 1	< 1	0.0%	9750501	< 1	< 1	0.0%				
Nd	9750476	6.3	7.1	11.9%	9750490	11.1	10.7	3.7%	9750501	6.97	6.72	3.7%				
Ni	9750476	53	59	10.7%	9750490	78	72	8.0%	9750501	88	86	2.3%				
P	9750476	0.05	0.05	0.0%	9750490	0.03	0.03	0.0%	9750501	0.025	0.027	7.7%				
Pb	9750476	9	7	25.0%	9750490	< 5	< 5	0.0%	9750501	13	13	0.0%				
Pr	9750476	1.54	1.71	10.5%	9750490	2.40	2.29	4.7%	9750501	1.55	1.50	3.3%				
Rb	9750476	4.9	4.9	0.0%	9750490	17.6	17.4	1.1%	9750501	18.2	18.3	0.5%				
S	9750476	0.02	0.02	0.0%	9750490	< 0.01	< 0.01	0.0%	9750501	< 0.01	< 0.01	0.0%				
Sb	9750476	0.2	0.2	0.0%	9750490	0.26	0.21	21.3%	9750501	0.6	0.6	0.0%				
Sc	9750476	12	13	8.0%	9750490	40	40	0.0%	9750501	44	43	2.3%				
Si	9750476	31.0	30.8	0.6%	9750490	22.2	22.0	0.9%	9750501	23.2	23.4	0.9%				
Sm	9750476	1.51	1.57	3.9%	9750490	2.8	2.9	3.5%	9750501	2.00	1.83	8.9%				
Sn	9750476	1	< 1		9750490	1	< 1		9750501	< 1	< 1	0.0%				
Sr	9750476	26.5	27.4	3.3%	9750490	42.7	42.2	1.2%	9750501	234	243	3.8%				
Ta	9750476	< 0.5	< 0.5	0.0%	9750490	< 0.5	< 0.5	0.0%	9750501	< 0.5	< 0.5	0.0%				
Tb	9750476	0.248	0.257	3.6%	9750490	0.491	0.497	1.2%	9750501	0.479	0.461	3.8%				
Th	9750476	9.2	9.3	1.1%	9750490	1.7	1.5	12.5%	9750501	1.1	1.0	9.5%				
Ti	9750476	0.28	0.28	0.0%	9750490	0.427	0.424	0.7%	9750501	0.415	0.416	0.2%				
Tl	9750476	< 0.5	< 0.5	0.0%	9750490	< 0.5	< 0.5	0.0%	9750501	< 0.5	< 0.5	0.0%				
Tm	9750476	0.13	0.14	7.4%	9750490	0.26	0.26	0.0%	9750501	0.286	0.275	3.9%				
U	9750476	1.80	1.82	1.1%	9750490	0.65	0.63	3.1%	9750501	0.162	0.165	1.8%				
V	9750476	93	96	3.2%	9750490	245	247	0.8%	9750501	272	267	1.9%				
W	9750476	< 1	< 1	0.0%	9750490	< 1	< 1	0.0%	9750501	< 1	< 1	0.0%				
Y	9750476	7.53	7.82	3.8%	9750490	16.3	16.1	1.2%	9750501	17.0	17.0	0.0%				
Yb	9750476	0.9	0.9	0.0%	9750490	1.8	1.8	0.0%	9750501	2.0	2.0	0.0%				
Zn	9750476	65	65	0.0%	9750490	143	135	5.8%	9750501	244	247	1.2%				
Zr	9750476	149	158	5.9%	9750490	61.1	59.7	2.3%	9750501	41.9	41.2	1.7%				

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	10.95	10.81	99%	90% - 110%	8.47	8.35	99%	90% - 110%								
As					26	25	95%	90% - 110%								
Ba	340	341	100%	90% - 110%	540	526	97%	90% - 110%								
Be	2.6	3.1	121%	90% - 110%	4.0	5.1	128%	90% - 110%								
Ca	5.72	5.92	103%	90% - 110%	0.907	0.97	107%	90% - 110%								
Ce	122	122	100%	90% - 110%	98	106	108%	90% - 110%								
Co	2.8	2.6	94%	90% - 110%	15	14	96%	90% - 110%								
Cs	1.5	1.5	103%	90% - 110%												
Cu					150	159	106%	90% - 110%								
Dy	18.2	19.2	105%	90% - 110%												
Er	14.2	15	105%	90% - 110%	3.7	3.7	101%	90% - 110%								
Eu	2.0	2	100%	90% - 110%												
Fe	4.34	4.26	98%	90% - 110%	3.77	3.8	101%	90% - 110%								
Ga	35	34	98%	90% - 110%												
Gd	14	15	109%	90% - 110%												
Hf	10.6	10.6	100%	90% - 110%	11	10	88%	90% - 110%								
Ho	4.3	4.6	107%	90% - 110%												
K	1.37	1.43	105%	90% - 110%	2.55	2.59	102%	90% - 110%								
La	58	59	101%	90% - 110%	44	48	108%	90% - 110%								
Li	37	39	106%	90% - 110%	47	51	109%	90% - 110%								
Lu	2.1	2.2	103%	90% - 110%	0.6	0.5	88%	90% - 110%								
Mg	0.325	0.309	95%	90% - 110%	1.1	1.1	98%	90% - 110%								
Mn	836	791	95%	90% - 110%	780	749	96%	90% - 110%								
Mo					14	13	93%	90% - 110%								
Nb	13	13	100%	90% - 110%	20	18	88%	90% - 110%								
Nd	57	57	100%	90% - 110%												
Ni	9	6	70%	90% - 110%	32	36	112%	90% - 110%								
Pb	10	9	93%	90% - 110%	31	29	95%	90% - 110%								
Pr	15.0	14.6	97%	90% - 110%												
Rb	55	51	93%	90% - 110%	144	135	94%	90% - 110%								
Sb					0.8	0.8	102%	90% - 110%								

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Sc					12	12	103%	90% - 110%								
Si	23.3	22.8	98%	90% - 110%	28.4	28	98%	90% - 110%								
Sm	12.7	12.4	97%	90% - 110%	7.4	7.8	106%	90% - 110%								
Sn	7.1	7.8	109%	90% - 110%												
Sr	1191	1215	102%	90% - 110%	144	157	109%	90% - 110%								
Tb	2.6	2.9	110%	90% - 110%	1.2	1.2	102%	90% - 110%								
Th	1.4	1.4	102%	90% - 110%	18.4	18.3	99%	90% - 110%								
Ti	0.172	0.169	98%	90% - 110%	0.527	0.515	98%	90% - 110%								
Tm	2.3	2.3	101%	90% - 110%												
U	0.8	0.7	90%	90% - 110%	5.7	5.4	95%	90% - 110%								
V	8	9	108%	90% - 110%	77	83	108%	90% - 110%								
W					5	5	96%	90% - 110%								
Y	119	123	103%	90% - 110%	40	36	90%	90% - 110%								
Yb	14.8	15.7	106%	90% - 110%												
Zn	93	91	98%	90% - 110%	130	124	95%	90% - 110%								
Zr	517	544	105%	90% - 110%	390	351	90%	90% - 110%								

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag			ICP/MS
Al	MIN-200-12001		ICP/OES
As	MIN-200-12001		ICP/MS
B	MIN-200-12001		ICP/OES
Ba	MIN-200-12001		ICP/OES
Be	MIN-200-12001		ICP/OES
Bi	MIN-200-12001		ICP-MS
Ca	MIN-200-12001		ICP/OES
Cd	MIN-200-12001		ICP-MS
Ce	MIN-200-12001		ICP-MS
Co	MIN-200-12001		ICP/MS
Cr	MIN-200-12001		ICP/OES
Cs	MIN-200-12001		ICP-MS
Cu	MIN-200-12001		ICP/OES
Dy	MIN-200-12001		ICP-MS
Er	MIN-200-12001		ICP-MS
Eu	MIN-200-12001		ICP-MS
Fe	MIN-200-12001		ICP/OES
Ga	MIN-200-12001		ICP-MS
Gd	MIN-200-12001		ICP-MS
Ge	MIN-200-12001		ICP-MS
Hf	MIN-200-12001		ICP-MS
Ho	MIN-200-12001		ICP-MS
In	MIN-200-12001		ICP-MS
K	MIN-200-12001		ICP/OES
La	MIN-200-12001		ICP-MS
Li	MIN-200-12001		ICP/OES
Lu	MIN-200-12001		ICP-MS
Mg	MIN-200-12001		ICP/OES
Mn	MIN-200-12001		ICP/OES
Mo	MIN-200-12001		ICP/MS
Nb	MIN-200-12001		ICP-MS
Nd	MIN-200-12001		ICP-MS
Ni	MIN-200-12001		ICP/OES
P			ICP/OES
Pb	MIN-200-12001		ICP/MS
Pr	MIN-200-12001		ICP-MS
Rb	MIN-200-12001		ICP/MS
S	MIN-200-12001		ICP/OES
Sb	MIN-200-12001		ICP-MS
Sc	MIN-200-12001		ICP/OES
Si	MIN-200-12001		ICP/OES
Sm	MIN-200-12001		ICP-MS
Sn	MIN-200-12001		ICP/MS
Sr	MIN-200-12001		ICP-OES
Ta	MIN-200-12001		ICP-MS
Tb	MIN-200-12001		ICP-MS
Th	MIN-200-12001		ICP-MS

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B415583

PROJECT: DDH-254

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ti	MIN-200-12001		ICP/OES
Tl	MIN-200-12001		ICP-MS
Tm	MIN-200-12001		ICP-MS
U	MIN-200-12001		ICP-MS
V	MIN-200-12001		ICP/OES
W	MIN-200-12001		ICP-MS
Y	MIN-200-12001		ICP-MS
Yb	MIN-200-12001		ICP-MS
Zn	MIN-200-12001		ICP/OES
Zr	MIN-200-12001		ICP-MS
Pass %			BALANCE

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CLIENT NAME: FIRST COBALT CORP
488-1090 W GEORGIA
VANCOUVER, BC V6E 3V7
604-687-7130

ATTENTION TO: FRANK SANTAGUIDA

PROJECT: DDH-260

AGAT WORK ORDER: 18B417169

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jan 08, 2019

PAGES (INCLUDING COVER): 14

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Dec 04, 2018 | DATE RECEIVED: Dec 04, 2018 | DATE REPORTED: Jan 08, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E6544948 (9760801)	2.63
E6544949 (9760802)	2.99
E6544950 (9760803)	2.56
E6544951 (9760804)	2.33
E6544952 (9760805)	1.51
E6544953 (9760806)	2.76
E6544954 (9760807)	1.29
E6544955 (9760808)	2.39
E6544956 (9760809)	2.06
E6544957 (9760810)	2.15
E6544958 (9760811)	2.15
E6544959 (9760812)	3.16
E6544960 (9760813)	2.29
E6544961 (9760814)	2.65
E6544962 (9760815)	2.99
E6544963 (9760816)	0.01

Comments: RDL - Reported Detection Limit

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 04, 2018 | DATE RECEIVED: Dec 04, 2018 | DATE REPORTED: Jan 08, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E6544948 (9760801)	<1	7.62	<5	22	88.8	<5	<0.1	8.16	0.2	10.9	42.9	0.036	1.0	95
E6544949 (9760802)	<1	7.46	<5	24	107	<5	<0.1	7.53	<0.2	11.4	39.6	0.033	0.9	83
E6544950 (9760803)	<1	7.39	<5	32	122	<5	<0.1	7.43	<0.2	19.6	37.1	0.032	1.3	300
E6544951 (9760804)	<1	7.47	6	35	128	<5	0.1	6.99	<0.2	13.1	38.8	0.033	1.6	98
E6544952 (9760805)	<1	0.05	<5	<20	18.3	<5	<0.1	35.1	<0.2	0.9	<0.5	<0.005	<0.1	<5
E6544953 (9760806)	<1	7.52	<5	28	126	<5	<0.1	7.73	0.2	11.1	43.6	0.034	1.0	99
E6544954 (9760807)	<1	7.17	<5	<20	115	<5	<0.1	7.40	0.3	12.0	47.6	0.025	2.5	98
E6544955 (9760808)	<1	7.27	<5	<20	98.9	<5	<0.1	7.55	<0.2	12.2	47.0	0.025	2.6	106
E6544956 (9760809)	<1	7.30	<5	22	93.3	<5	<0.1	7.70	<0.2	12.4	43.4	0.023	2.2	96
E6544957 (9760810)	<1	7.14	<5	<20	99.5	<5	0.2	7.21	<0.2	14.0	43.7	0.021	2.6	125
E6544958 (9760811)	<1	7.29	<5	21	103	<5	0.1	7.35	<0.2	13.4	42.8	0.023	2.5	128
E6544959 (9760812)	<1	9.71	<5	44	496	5	0.1	0.57	<0.2	90.1	44.2	0.019	4.7	68
E6544960 (9760813)	<1	9.04	<5	55	397	<5	0.2	0.38	<0.2	97.2	49.9	0.017	4.2	217
E6544961 (9760814)	<1	9.89	<5	49	548	<5	<0.1	0.49	<0.2	110	52.4	0.019	6.6	41
E6544962 (9760815)	<1	9.60	<5	48	487	<5	0.1	0.46	<0.2	105	56.9	0.019	7.2	24
E6544963 (9760816)	<1	4.45	536	124	177	<5	7.2	4.06	<0.2	75.1	972	0.006	2.8	2940

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 04, 2018 | DATE RECEIVED: Dec 04, 2018 | DATE REPORTED: Jan 08, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E6544948 (9760801)	2.22	1.43	0.56	6.61	13.8	2.04	1	3	0.49	<0.2	0.46	5.0	22	0.22
E6544949 (9760802)	2.57	1.69	0.55	6.50	14.3	2.42	2	2	0.58	<0.2	0.74	4.9	29	0.23
E6544950 (9760803)	3.21	1.81	0.76	6.80	14.9	3.39	1	2	0.62	<0.2	1.19	8.3	35	0.25
E6544951 (9760804)	2.68	1.67	0.64	6.40	14.5	2.57	1	1	0.57	<0.2	1.49	6.0	40	0.22
E6544952 (9760805)	0.21	0.15	<0.05	0.06	0.15	0.17	1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
E6544953 (9760806)	2.32	1.46	0.54	6.57	13.5	2.10	1	1	0.47	<0.2	0.87	5.1	28	0.19
E6544954 (9760807)	2.37	1.54	0.59	6.86	14.0	2.25	2	1	0.49	<0.2	0.75	5.2	35	0.22
E6544955 (9760808)	2.56	1.55	0.58	7.10	13.9	2.18	1	1	0.52	<0.2	0.64	5.5	32	0.22
E6544956 (9760809)	2.54	1.56	0.60	7.08	14.1	2.34	2	1	0.55	<0.2	0.67	5.5	37	0.24
E6544957 (9760810)	2.55	1.61	0.62	7.10	14.8	2.42	2	1	0.54	<0.2	0.70	6.3	40	0.21
E6544958 (9760811)	2.50	1.65	0.61	7.16	14.0	2.36	2	1	0.53	<0.2	0.70	6.2	40	0.23
E6544959 (9760812)	4.80	2.64	1.47	6.84	24.9	6.30	2	4	0.89	<0.2	4.19	39.3	83	0.34
E6544960 (9760813)	3.58	2.06	1.43	6.02	24.7	5.21	2	5	0.72	<0.2	3.29	43.1	79	0.30
E6544961 (9760814)	5.00	2.60	1.64	6.61	25.3	6.85	2	4	0.94	<0.2	4.84	47.6	87	0.39
E6544962 (9760815)	4.46	2.45	1.51	6.65	24.3	6.08	2	4	0.86	<0.2	4.66	44.5	86	0.35
E6544963 (9760816)	3.24	1.99	1.04	3.15	11.7	4.52	2	4	0.65	0.2	3.27	36.7	<10	0.32

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AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

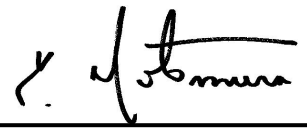
ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 04, 2018 | DATE RECEIVED: Dec 04, 2018 | DATE REPORTED: Jan 08, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E6544948 (9760801)	5.11	1250	2	<1	6.1	149	0.02	7	1.36	16.4	0.03	<0.1	35	23.3
E6544949 (9760802)	5.14	1170	<2	<1	7.0	147	0.02	9	1.51	28.7	0.03	0.1	35	23.0
E6544950 (9760803)	4.70	1800	<2	<1	11.3	135	0.02	12	2.44	53.9	0.05	0.3	35	21.5
E6544951 (9760804)	4.60	1790	<2	<1	7.7	134	0.02	<5	1.66	68.8	0.03	0.3	35	22.2
E6544952 (9760805)	0.93	11	<2	<1	0.8	<5	<0.01	<5	0.18	0.2	<0.01	<0.1	<5	3.82
E6544953 (9760806)	5.03	1270	2	<1	6.1	153	0.02	<5	1.36	34.3	0.04	<0.1	35	22.8
E6544954 (9760807)	5.08	1320	<2	<1	6.7	172	0.02	7	1.47	32.2	0.05	<0.1	35	22.6
E6544955 (9760808)	5.10	1380	2	<1	6.6	172	0.02	9	1.48	30.6	0.04	<0.1	35	23.0
E6544956 (9760809)	4.65	1350	<2	<1	6.8	140	0.02	10	1.57	32.1	0.04	<0.1	36	23.1
E6544957 (9760810)	4.54	1240	<2	1	7.5	115	0.02	7	1.69	39.8	0.05	0.2	37	22.7
E6544958 (9760811)	4.66	1260	<2	<1	7.3	120	0.02	6	1.63	38.2	0.05	0.2	37	23.1
E6544959 (9760812)	1.84	299	<2	8	35.1	77	0.10	7	8.93	186	<0.01	0.7	21	24.8
E6544960 (9760813)	1.72	220	3	10	34.7	67	0.05	7	9.35	154	0.02	0.8	18	26.3
E6544961 (9760814)	1.51	187	<2	9	39.5	77	0.10	6	10.3	230	<0.01	0.8	21	25.7
E6544962 (9760815)	1.72	211	2	9	37.6	77	0.09	5	9.95	224	<0.01	0.6	21	25.0
E6544963 (9760816)	2.48	461	11	6	31.9	170	0.07	12	8.11	107	1.52	1.5	6	26.4

Certified By:



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AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

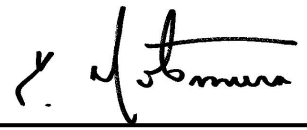
ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 04, 2018 | DATE RECEIVED: Dec 04, 2018 | DATE REPORTED: Jan 08, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E6544948 (9760801)	1.7	1	121	0.6	0.37	4.8	0.30	<0.5	0.21	0.40	209	<1	12.0	1.4
E6544949 (9760802)	2.0	4	105	<0.5	0.42	3.0	0.30	<0.5	0.25	0.40	214	<1	13.8	1.6
E6544950 (9760803)	3.1	1	83.1	<0.5	0.54	2.6	0.30	<0.5	0.26	0.42	212	<1	16.4	1.7
E6544951 (9760804)	2.1	<1	85.1	<0.5	0.44	2.4	0.30	<0.5	0.24	0.42	207	<1	14.0	1.5
E6544952 (9760805)	0.2	<1	63.0	<0.5	<0.05	0.4	<0.01	<0.5	<0.05	0.08	<5	<1	2.0	0.1
E6544953 (9760806)	1.6	<1	107	<0.5	0.34	2.2	0.30	<0.5	0.21	0.39	210	<1	12.1	1.3
E6544954 (9760807)	1.7	<1	132	<0.5	0.39	2.2	0.32	<0.5	0.21	0.46	212	<1	12.9	1.5
E6544955 (9760808)	1.7	<1	122	<0.5	0.38	2.2	0.33	<0.5	0.22	0.43	217	<1	12.9	1.4
E6544956 (9760809)	1.9	<1	123	<0.5	0.41	2.1	0.34	<0.5	0.23	0.47	222	<1	13.4	1.5
E6544957 (9760810)	1.9	<1	141	<0.5	0.39	2.1	0.34	<0.5	0.22	0.49	226	<1	13.6	1.5
E6544958 (9760811)	1.9	<1	142	<0.5	0.38	2.0	0.35	<0.5	0.23	0.46	234	<1	13.6	1.5
E6544959 (9760812)	6.9	2	108	0.5	0.93	16.9	0.42	<0.5	0.35	4.86	159	1	21.3	2.4
E6544960 (9760813)	5.6	1	115	0.6	0.73	19.2	0.38	<0.5	0.31	4.41	132	2	16.8	2.1
E6544961 (9760814)	7.3	2	149	0.5	0.94	19.2	0.43	<0.5	0.37	4.79	158	2	21.7	2.4
E6544962 (9760815)	6.8	2	129	0.5	0.88	18.9	0.42	<0.5	0.35	4.48	154	2	19.2	2.4
E6544963 (9760816)	5.6	2	27.0	<0.5	0.63	10.8	0.23	<0.5	0.28	6.18	60	4	17.5	2.0

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 04, 2018 | DATE RECEIVED: Dec 04, 2018 | DATE REPORTED: Jan 08, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E6544948 (9760801)	79	36.6
E6544949 (9760802)	61	36.7
E6544950 (9760803)	55	36.3
E6544951 (9760804)	55	37.0
E6544952 (9760805)	<5	3.3
E6544953 (9760806)	77	36.5
E6544954 (9760807)	82	39.0
E6544955 (9760808)	109	39.2
E6544956 (9760809)	96	40.4
E6544957 (9760810)	86	43.3
E6544958 (9760811)	84	41.8
E6544959 (9760812)	45	118
E6544960 (9760813)	33	160
E6544961 (9760814)	34	143
E6544962 (9760815)	31	142
E6544963 (9760816)	10	154

Comments: RDL - Reported Detection Limit

Certified By:

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AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Sieving - % Passing (Crushing)

DATE SAMPLED: Dec 04, 2018 | DATE RECEIVED: Dec 04, 2018 | DATE REPORTED: Jan 08, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
E6544949 (9760802)	85

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	9760801	< 1	< 1	0.0%	9760815	< 1	< 1	0.0%										
Al	9760801	7.62	7.61	0.1%	9760815	9.60	9.65	0.5%										
As	9760801	< 5	< 5	0.0%	9760815	< 5	< 5	0.0%										
B	9760801	22	22	0.0%	9760815	48	48	0.0%										
Ba	9760801	88.8	88.9	0.1%	9760815	487	486	0.2%										
Be	9760801	< 5	< 5	0.0%	9760815	< 5	< 5	0.0%										
Bi	9760801	< 0.1	< 0.1	0.0%	9760815	0.1	0.1	0.0%										
Ca	9760801	8.16	7.91	3.1%	9760815	0.46	0.45	2.2%										
Cd	9760801	0.2	0.2	0.0%	9760815	< 0.2	< 0.2	0.0%										
Ce	9760801	10.9	10.9	0.0%	9760815	105	105	0.0%										
Co	9760801	42.9	42.6	0.7%	9760815	56.9	57.5	1.0%										
Cr	9760801	0.0355	0.0354	0.3%	9760815	0.019	0.019	0.0%										
Cs	9760801	0.97	0.91	6.4%	9760815	7.23	7.28	0.7%										
Cu	9760801	95	97	2.1%	9760815	24	25	4.1%										
Dy	9760801	2.22	2.29	3.1%	9760815	4.46	4.51	1.1%										
Er	9760801	1.43	1.48	3.4%	9760815	2.45	2.46	0.4%										
Eu	9760801	0.558	0.551	1.3%	9760815	1.51	1.47	2.7%										
Fe	9760801	6.61	6.57	0.6%	9760815	6.65	6.63	0.3%										
Ga	9760801	13.8	13.7	0.7%	9760815	24.3	25.0	2.8%										
Gd	9760801	2.04	2.04	0.0%	9760815	6.08	6.30	3.6%										
Ge	9760801	1	2		9760815	2	2	0.0%										
Hf	9760801	3	2		9760815	4	4	0.0%										
Ho	9760801	0.49	0.48	2.1%	9760815	0.86	0.89	3.4%										
In	9760801	< 0.2	< 0.2	0.0%	9760815	< 0.2	< 0.2	0.0%										
K	9760801	0.458	0.431	6.1%	9760815	4.66	4.61	1.1%										
La	9760801	4.99	4.94	1.0%	9760815	44.5	45.2	1.6%										
Li	9760801	22	22	0.0%	9760815	86	86	0.0%										
Lu	9760801	0.215	0.198	8.2%	9760815	0.35	0.36	2.8%										
Mg	9760801	5.11	5.15	0.8%	9760815	1.72	1.69	1.8%										
Mn	9760801	1250	1250	0.0%	9760815	211	206	2.4%										
Mo	9760801	2	2	0.0%	9760815	2	2	0.0%										

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Nb	9760801	< 1	< 1	0.0%	9760815	9	9	0.0%								
Nd	9760801	6.1	6.1	0.0%	9760815	37.6	38.4	2.1%								
Ni	9760801	149	152	2.0%	9760815	77	77	0.0%								
P	9760801	0.02	0.02	0.0%	9760815	0.09	0.09	0.0%								
Pb	9760801	7	5		9760815	5	5	0.0%								
Pr	9760801	1.36	1.35	0.7%	9760815	9.95	10.2	2.5%								
Rb	9760801	16.4	16.2	1.2%	9760815	224	228	1.8%								
S	9760801	0.033	0.038	14.1%	9760815	< 0.01	< 0.01	0.0%								
Sb	9760801	< 0.1	< 0.1	0.0%	9760815	0.6	0.6	0.0%								
Sc	9760801	35	35	0.0%	9760815	21	21	0.0%								
Si	9760801	23.3	23.2	0.4%	9760815	25.0	25.1	0.4%								
Sm	9760801	1.65	1.54	6.9%	9760815	6.8	6.9	1.5%								
Sn	9760801	1	< 1		9760815	2	4									
Sr	9760801	121	119	1.7%	9760815	129	128	0.8%								
Ta	9760801	0.6	< 0.5		9760815	0.5	0.5	0.0%								
Tb	9760801	0.373	0.355	4.9%	9760815	0.881	0.930	5.4%								
Th	9760801	4.83	3.64	28.1%	9760815	18.9	19.2	1.6%								
Ti	9760801	0.30	0.30	0.0%	9760815	0.42	0.42	0.0%								
Tl	9760801	< 0.5	< 0.5	0.0%	9760815	< 0.5	< 0.5	0.0%								
Tm	9760801	0.21	0.19	10.0%	9760815	0.35	0.35	0.0%								
U	9760801	0.397	0.374	6.0%	9760815	4.48	4.63	3.3%								
V	9760801	209	209	0.0%	9760815	154	156	1.3%								
W	9760801	< 1	< 1	0.0%	9760815	2	2	0.0%								
Y	9760801	12.0	11.5	4.3%	9760815	19.2	20.0	4.1%								
Yb	9760801	1.4	1.4	0.0%	9760815	2.36	2.33	1.3%								
Zn	9760801	79	77	2.6%	9760815	31	29	6.7%								
Zr	9760801	36.6	32.4	12.2%	9760815	142	140	1.4%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	10.63	97%	90% - 110%												
Ba	340	339	100%	90% - 110%												
Be	2.6	3.1	120%	90% - 110%												
Ca	5.72	5.72	100%	90% - 110%												
Ce	122	126	103%	90% - 110%												
Co	2.8	2	71%	90% - 110%												
Cs	1.5	1.5	102%	90% - 110%												
Dy	18.2	19.2	105%	90% - 110%												
Er	14.2	14.7	104%	90% - 110%												
Eu	2.0	2	100%	90% - 110%												
Fe	4.34	4.27	98%	90% - 110%												
Ga	35	35	100%	90% - 110%												
Gd	14	15	110%	90% - 110%												
Hf	10.6	11	103%	90% - 110%												
Ho	4.3	4.4	103%	90% - 110%												
K	1.37	1.4	102%	90% - 110%												
La	58	58	100%	90% - 110%												
Li	37	38	102%	90% - 110%												
Lu	2.1	2.1	101%	90% - 110%												
Mg	0.325	0.299	92%	90% - 110%												
Mn	836	810	97%	90% - 110%												
Nb	13	11	88%	90% - 110%												
Nd	57	59	103%	90% - 110%												
Ni	9	9.1	101%	90% - 110%												
Pb	10	9	89%	90% - 110%												
Pr	15.0	14.7	98%	90% - 110%												
Rb	55	51	93%	90% - 110%												
Si	23.3	22.7	98%	90% - 110%												
Sm	12.7	13.4	105%	90% - 110%												
Sn	7.1	7.1	100%	90% - 110%												
Sr	1191	1214	102%	90% - 110%												

Results relate only to the items tested. Results apply to samples as received.

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http://www.agatlabs.com

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Ta	0.9	0.9	101%	90% - 110%												
Tb	2.6	2.8	108%	90% - 110%												
Th	1.4	1.4	102%	90% - 110%												
Ti	0.172	0.167	97%	90% - 110%												
Tm	2.3	2.3	99%	90% - 110%												
U	0.8	0.7	89%	90% - 110%												
V	8	6	74%	90% - 110%												
Y	119	113	95%	90% - 110%												
Yb	14.8	15.6	106%	90% - 110%												
Zn	93	94	101%	90% - 110%												
Zr	517	564	109%	90% - 110%												

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag			ICP/MS
Al	MIN-200-12001		ICP/OES
As	MIN-200-12001		ICP/MS
B	MIN-200-12001		ICP/OES
Ba	MIN-200-12001		ICP/OES
Be	MIN-200-12001		ICP/OES
Bi	MIN-200-12001		ICP-MS
Ca	MIN-200-12001		ICP/OES
Cd	MIN-200-12001		ICP-MS
Ce	MIN-200-12001		ICP-MS
Co	MIN-200-12001		ICP/MS
Cr	MIN-200-12001		ICP/OES
Cs	MIN-200-12001		ICP-MS
Cu	MIN-200-12001		ICP/OES
Dy	MIN-200-12001		ICP-MS
Er	MIN-200-12001		ICP-MS
Eu	MIN-200-12001		ICP-MS
Fe	MIN-200-12001		ICP/OES
Ga	MIN-200-12001		ICP-MS
Gd	MIN-200-12001		ICP-MS
Ge	MIN-200-12001		ICP-MS
Hf	MIN-200-12001		ICP-MS
Ho	MIN-200-12001		ICP-MS
In	MIN-200-12001		ICP-MS
K	MIN-200-12001		ICP/OES
La	MIN-200-12001		ICP-MS
Li	MIN-200-12001		ICP/OES
Lu	MIN-200-12001		ICP-MS
Mg	MIN-200-12001		ICP/OES
Mn	MIN-200-12001		ICP/OES
Mo	MIN-200-12001		ICP/MS
Nb	MIN-200-12001		ICP-MS
Nd	MIN-200-12001		ICP-MS
Ni	MIN-200-12001		ICP/OES
P			ICP/OES
Pb	MIN-200-12001		ICP/MS
Pr	MIN-200-12001		ICP-MS
Rb	MIN-200-12001		ICP/MS
S	MIN-200-12001		ICP/OES
Sb	MIN-200-12001		ICP-MS
Sc	MIN-200-12001		ICP/OES
Si	MIN-200-12001		ICP/OES
Sm	MIN-200-12001		ICP-MS
Sn	MIN-200-12001		ICP/MS
Sr	MIN-200-12001		ICP-OES
Ta	MIN-200-12001		ICP-MS
Tb	MIN-200-12001		ICP-MS
Th	MIN-200-12001		ICP-MS

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B417169

PROJECT: DDH-260

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ti	MIN-200-12001		ICP/OES
Tl	MIN-200-12001		ICP-MS
Tm	MIN-200-12001		ICP-MS
U	MIN-200-12001		ICP-MS
V	MIN-200-12001		ICP/OES
W	MIN-200-12001		ICP-MS
Y	MIN-200-12001		ICP-MS
Yb	MIN-200-12001		ICP-MS
Zn	MIN-200-12001		ICP/OES
Zr	MIN-200-12001		ICP-MS
Pass %			BALANCE

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CLIENT NAME: FIRST COBALT CORP
488-1090 W GEORGIA
VANCOUVER, BC V6E 3V7
604-687-7130

ATTENTION TO: FRANK SANTAGUIDA

PROJECT: DDH-258

AGAT WORK ORDER: 18B419026

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jan 25, 2019

PAGES (INCLUDING COVER): 29

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested. Results apply to samples as received.

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E6002179 (9774085)	1.43
E6002180 (9774086)	2.54
E6002181 (9774087)	2.60
E6002182 (9774088)	2.28
E6002183 (9774089)	2.39
E6002184 (9774090)	2.04
E6002185 (9774091)	2.79
E6002186 (9774092)	0.01
E6002187 (9774093)	2.01
E6002188 (9774094)	2.30
E6002189 (9774095)	2.70
E6002190 (9774096)	2.13
E6002191 (9774097)	2.21
E6002192 (9774098)	1.49
E6002193 (9774099)	2.39
E6002194 (9774100)	2.14
E6002195 (9774101)	2.17
E6002196 (9774102)	2.09
E6002197 (9774103)	2.36
E6002198 (9774104)	2.36
E6002199 (9774105)	2.23
E6002200 (9774106)	2.13
E6002201 (9774107)	2.27
E6002202 (9774108)	2.36
E6002203 (9774109)	2.12
E6002204 (9774110)	2.39
E6002205 (9774111)	2.21
E6002206 (9774112)	1.99
E6002207 (9774113)	2.38
E6002208 (9774114)	2.15
E6002209 (9774115)	2.46

Certified By: Sherin Moussa

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AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E6002210 (9774116)	2.11
E6002211 (9774117)	2.06
E6002212 (9774118)	1.58
E6002213 (9774119)	1.91
E6002214 (9774120)	2.33
E6002215 (9774121)	2.32
E6002216 (9774122)	1.39
E6002217 (9774123)	1.36
E6002218 (9774124)	1.36
E6002219 (9774125)	2.22
E6002220 (9774126)	2.34
E6002221 (9774127)	1.14
E6002222 (9774128)	1.38
E6002223 (9774129)	0.82
E6002224 (9774130)	1.40
E6002225 (9774131)	2.52
E6002226 (9774132)	0.01
E6002227 (9774133)	2.19
E6002228 (9774134)	2.33
E6002229 (9774135)	1.84
E6002230 (9774136)	2.70
E6002231 (9774137)	2.09
E6002232 (9774138)	1.91
E6002233 (9774139)	2.24
E6002234 (9774140)	2.00
E6002235 (9774141)	2.37
E6002236 (9774142)	1.55
E6002237 (9774143)	0.65
E6002238 (9774144)	2.00
E6002239 (9774145)	1.22
E6002240 (9774146)	1.14

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(200-) Sample Login Weight

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
E6002241 (9774147)	1.15
E6002242 (9774148)	2.05
E6002243 (9774149)	2.15
E6002244 (9774150)	2.25
E6002245 (9774151)	2.17
E6002246 (9774152)	0.01
E6002247 (9774153)	2.88
E6002248 (9774154)	1.73
E6002249 (9774155)	2.04

Comments: RDL - Reported Detection Limit

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E6002179 (9774085)	<1	7.10	<5	<20	24.8	<5	0.3	1.21	<0.2	10.1	15.7	0.015	0.4	35
E6002180 (9774086)	<1	7.79	<5	<20	33.1	<5	<0.1	1.23	<0.2	11.3	17.3	0.017	0.6	55
E6002181 (9774087)	<1	6.96	<5	<20	16.4	<5	<0.1	0.85	<0.2	8.5	10.2	0.016	0.2	8
E6002182 (9774088)	<1	6.96	<5	<20	13.9	<5	<0.1	1.43	<0.2	17.9	11.3	0.017	0.4	8
E6002183 (9774089)	<1	5.76	<5	<20	12.6	<5	<0.1	4.37	<0.2	18.7	9.7	0.016	0.3	16
E6002184 (9774090)	<1	7.05	<5	<20	12.2	<5	<0.1	0.66	<0.2	5.5	11.0	0.019	0.2	6
E6002185 (9774091)	<1	7.20	<5	<20	13.9	<5	<0.1	0.39	<0.2	6.0	12.1	0.017	0.3	6
E6002186 (9774092)	<1	7.12	5650	<20	422	<5	10.7	8.25	<0.2	32.8	1380	0.015	0.7	952
E6002187 (9774093)	<1	7.13	21	<20	11.0	<5	0.5	0.28	<0.2	5.3	13.0	0.019	0.3	7
E6002188 (9774094)	<1	7.27	5	<20	13.0	<5	0.1	0.32	<0.2	7.0	13.4	0.016	0.4	14
E6002189 (9774095)	<1	7.11	<5	<20	12.0	<5	<0.1	0.40	<0.2	8.6	12.7	0.017	0.4	9
E6002190 (9774096)	<1	7.40	<5	<20	20.8	<5	<0.1	0.83	<0.2	13.9	14.0	0.016	0.4	8
E6002191 (9774097)	<1	6.96	<5	<20	14.3	<5	<0.1	0.73	<0.2	23.1	16.0	0.015	0.4	24
E6002192 (9774098)	<1	0.06	<5	<20	18.5	<5	<0.1	36.9	<0.2	0.8	0.8	<0.005	<0.1	<5
E6002193 (9774099)	<1	6.90	<5	<20	15.0	<5	<0.1	0.82	<0.2	24.8	18.5	0.016	0.4	129
E6002194 (9774100)	<1	6.98	<5	<20	13.8	<5	<0.1	0.70	<0.2	38.0	15.7	0.014	0.4	11
E6002195 (9774101)	<1	7.01	<5	<20	14.8	<5	<0.1	0.91	<0.2	36.5	15.1	0.015	0.3	14
E6002196 (9774102)	<1	6.92	<5	<20	15.3	<5	<0.1	0.89	<0.2	9.0	15.6	0.015	0.4	11
E6002197 (9774103)	<1	7.21	<5	<20	18.5	<5	<0.1	1.34	<0.2	20.1	16.8	0.014	0.3	111
E6002198 (9774104)	<1	7.16	<5	<20	17.5	<5	<0.1	1.29	<0.2	20.9	16.4	0.014	0.3	111
E6002199 (9774105)	<1	7.09	<5	<20	18.3	<5	<0.1	0.80	<0.2	48.7	17.2	0.013	0.4	77
E6002200 (9774106)	<1	7.24	<5	<20	17.6	<5	<0.1	0.76	<0.2	10.0	12.6	0.015	0.4	9
E6002201 (9774107)	<1	7.37	<5	<20	12.1	<5	<0.1	0.95	<0.2	7.0	10.2	0.017	0.2	5
E6002202 (9774108)	<1	7.14	<5	21	10.8	<5	<0.1	1.04	<0.2	10.9	10.0	0.015	0.3	5
E6002203 (9774109)	<1	8.53	<5	<20	16.4	<5	<0.1	1.53	<0.2	12.4	16.9	0.023	0.6	10
E6002204 (9774110)	<1	8.61	<5	<20	21.5	<5	<0.1	0.24	<0.2	22.7	23.4	0.026	0.8	8
E6002205 (9774111)	<1	7.35	<5	<20	11.7	<5	<0.1	0.71	<0.2	12.5	13.1	0.018	0.4	<5
E6002206 (9774112)	<1	7.03	<5	<20	10.5	<5	<0.1	0.36	0.5	11.2	11.2	0.020	0.3	<5
E6002207 (9774113)	<1	7.95	<5	<20	26.4	<5	<0.1	0.17	<0.2	45.7	19.1	0.015	0.8	6
E6002208 (9774114)	<1	8.30	<5	<20	26.5	<5	<0.1	0.25	<0.2	21.9	15.9	0.014	0.6	7
E6002209 (9774115)	<1	7.43	<5	<20	14.2	<5	<0.1	0.20	<0.2	9.5	14.2	0.022	0.4	<5
E6002210 (9774116)	<1	8.00	<5	<20	13.0	<5	0.1	1.65	<0.2	20.8	16.9	0.016	0.3	<5

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E6002211 (9774117)	<1	8.36	<5	<20	33.5	<5	<0.1	0.25	<0.2	31.4	17.8	0.022	0.6	6
E6002212 (9774118)	<1	0.06	<5	<20	29.9	<5	<0.1	36.2	<0.2	0.8	1.1	<0.005	<0.1	<5
E6002213 (9774119)	<1	7.91	<5	<20	38.6	<5	<0.1	0.35	<0.2	9.5	17.4	0.018	0.7	6
E6002214 (9774120)	<1	7.11	<5	<20	38.4	<5	<0.1	1.10	<0.2	16.1	14.3	0.025	0.6	7
E6002215 (9774121)	<1	6.80	<5	26	62.0	<5	<0.1	2.13	<0.2	16.2	18.6	0.022	0.7	97
E6002216 (9774122)	<1	6.28	<5	<20	54.7	<5	0.2	3.19	<0.2	37.8	17.0	0.023	0.8	63
E6002217 (9774123)	<1	6.90	<5	22	86.9	<5	0.2	2.20	1.0	43.6	23.8	0.017	0.6	13
E6002218 (9774124)	<1	6.90	<5	23	87.1	<5	0.1	2.16	<0.2	39.0	22.1	0.016	0.5	13
E6002219 (9774125)	<1	6.35	<5	21	154	<5	0.2	2.42	<0.2	32.6	30.0	0.025	0.4	16
E6002220 (9774126)	<1	7.11	<5	23	109	<5	0.1	2.14	<0.2	30.3	29.8	0.023	0.8	20
E6002221 (9774127)	<1	7.33	6	<20	49.5	<5	0.8	2.54	<0.2	16.8	24.3	0.014	0.9	18
E6002222 (9774128)	<1	6.98	10	<20	111	<5	0.5	3.57	<0.2	28.5	25.0	0.013	0.6	295
E6002223 (9774129)	<1	6.00	8	<20	78.4	<5	0.3	4.92	<0.2	41.8	36.3	0.018	0.4	247
E6002224 (9774130)	<1	7.21	<5	26	139	<5	0.2	3.17	<0.2	25.2	32.6	0.014	0.6	25
E6002225 (9774131)	<1	6.85	<5	27	101	<5	0.2	3.39	<0.2	23.1	31.9	0.014	0.6	28
E6002226 (9774132)	<1	7.31	5710	<20	428	<5	11.5	8.51	<0.2	35.6	1380	0.015	0.7	961
E6002227 (9774133)	<1	7.63	21	<20	31.7	<5	0.6	0.85	<0.2	23.1	23.1	0.022	1.2	23
E6002228 (9774134)	<1	6.54	5	<20	10.7	<5	0.1	0.17	<0.2	13.9	18.4	0.027	1.2	12
E6002229 (9774135)	<1	6.63	<5	<20	15.0	<5	0.1	0.15	<0.2	20.4	18.6	0.027	0.7	9
E6002230 (9774136)	<1	7.33	<5	<20	15.7	<5	0.1	0.18	<0.2	7.3	32.6	0.021	0.3	58
E6002231 (9774137)	<1	6.81	<5	<20	17.3	<5	0.1	0.14	<0.2	5.2	14.3	0.022	0.3	93
E6002232 (9774138)	<1	0.11	<5	<20	21.6	<5	<0.1	37.5	<0.2	0.9	1.4	<0.005	<0.1	<5
E6002233 (9774139)	<1	6.64	<5	<20	17.5	<5	<0.1	0.23	<0.2	7.7	12.2	0.022	0.4	27
E6002234 (9774140)	<1	6.81	<5	<20	21.2	<5	<0.1	0.17	<0.2	7.4	12.7	0.022	0.3	27
E6002235 (9774141)	<1	7.69	6	<20	32.0	<5	0.2	0.26	<0.2	20.1	40.8	0.024	0.6	502
E6002236 (9774142)	<1	7.50	<5	<20	28.3	<5	<0.1	0.15	<0.2	15.8	58.8	0.031	0.5	20
E6002237 (9774143)	<1	7.70	6	<20	33.3	<5	0.3	2.75	<0.2	26.4	24.1	0.026	0.7	19
E6002238 (9774144)	<1	7.58	<5	<20	24.6	<5	<0.1	0.38	<0.2	10.7	16.1	0.022	0.5	161
E6002239 (9774145)	<1	7.38	<5	<20	24.5	<5	<0.1	0.29	<0.2	7.2	15.0	0.021	0.5	188
E6002240 (9774146)	<1	7.34	<5	<20	22.1	<5	<0.1	1.29	<0.2	12.7	17.8	0.039	0.7	88
E6002241 (9774147)	<1	7.49	<5	<20	23.0	<5	<0.1	3.43	<0.2	19.7	21.5	0.066	0.8	20
E6002242 (9774148)	<1	7.07	<5	<20	44.6	<5	<0.1	3.79	<0.2	28.9	20.0	0.046	0.7	14

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
E6002243 (9774149)	4	8.31	<5	<20	67.3	<5	0.2	1.49	<0.2	40.8	24.1	0.021	0.9	17
E6002244 (9774150)	<1	8.15	<5	<20	58.2	<5	0.4	2.90	<0.2	107	25.9	0.017	1.2	164
E6002245 (9774151)	<1	8.24	13	<20	41.3	<5	0.6	1.57	<0.2	68.2	29.0	0.012	1.0	138
E6002246 (9774152)	2	7.37	5740	<20	418	<5	11.4	8.35	<0.2	35.9	1360	0.015	0.8	975
E6002247 (9774153)	1	7.60	24	<20	24.2	<5	0.6	2.35	<0.2	66.5	26.8	0.022	1.5	40
E6002248 (9774154)	<1	8.62	9	<20	22.4	<5	0.2	1.87	<0.2	58.0	31.5	0.025	2.2	14
E6002249 (9774155)	<1	7.40	<5	<20	21.0	<5	0.1	2.13	<0.2	46.4	23.1	0.024	1.8	10

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AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E6002179 (9774085)	1.46	0.83	0.58	5.88	20.4	1.36	<1	4	0.30	<0.2	0.25	4.7	41	0.15
E6002180 (9774086)	1.37	0.82	0.53	6.25	20.5	1.42	<1	3	0.29	<0.2	0.30	5.3	46	0.15
E6002181 (9774087)	3.13	1.86	0.65	6.25	18.8	2.28	<1	5	0.65	<0.2	0.19	3.6	33	0.30
E6002182 (9774088)	3.66	2.24	0.93	6.48	19.6	3.10	<1	4	0.79	<0.2	0.22	7.7	29	0.36
E6002183 (9774089)	3.92	2.15	1.45	5.13	16.5	4.06	<1	4	0.74	<0.2	0.23	8.7	36	0.35
E6002184 (9774090)	2.94	1.86	0.70	6.65	19.4	2.10	<1	4	0.63	<0.2	0.16	2.2	37	0.29
E6002185 (9774091)	2.95	1.83	0.59	6.67	21.7	2.16	<1	4	0.63	<0.2	0.19	2.5	34	0.31
E6002186 (9774092)	3.15	1.63	1.02	5.50	18.1	3.68	2	2	0.59	<0.2	1.08	15.1	17	0.25
E6002187 (9774093)	2.84	1.75	0.44	6.00	22.4	1.84	<1	4	0.59	<0.2	0.13	2.3	42	0.26
E6002188 (9774094)	3.06	1.97	0.59	5.62	23.6	2.11	<1	4	0.64	<0.2	0.19	3.0	39	0.32
E6002189 (9774095)	2.82	1.80	0.58	6.85	22.3	2.24	<1	4	0.59	<0.2	0.17	3.6	38	0.29
E6002190 (9774096)	4.42	2.57	0.89	7.89	22.7	3.55	1	4	0.87	<0.2	0.29	5.6	34	0.38
E6002191 (9774097)	6.03	3.29	1.18	8.57	21.0	4.91	<1	4	1.15	<0.2	0.20	8.8	35	0.46
E6002192 (9774098)	0.22	0.12	<0.05	0.08	0.16	0.19	<1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
E6002193 (9774099)	5.87	3.26	1.22	9.02	21.1	4.97	<1	4	1.15	<0.2	0.16	9.9	43	0.44
E6002194 (9774100)	5.60	3.21	1.34	9.45	20.8	5.28	<1	4	1.12	<0.2	0.16	16.0	39	0.43
E6002195 (9774101)	5.46	3.09	1.39	9.59	21.0	5.32	<1	4	1.13	<0.2	0.18	15.7	34	0.43
E6002196 (9774102)	3.81	2.19	0.72	8.73	20.6	2.77	<1	5	0.78	<0.2	0.18	3.9	39	0.37
E6002197 (9774103)	3.65	2.28	0.81	8.28	21.6	3.11	<1	4	0.74	<0.2	0.20	9.1	34	0.34
E6002198 (9774104)	3.50	2.07	0.85	8.03	21.1	3.05	<1	4	0.72	<0.2	0.19	9.3	30	0.33
E6002199 (9774105)	3.63	1.99	1.22	8.29	22.9	3.91	<1	5	0.74	<0.2	0.21	21.6	45	0.32
E6002200 (9774106)	2.54	1.86	0.68	6.32	21.9	2.02	<1	6	0.59	<0.2	0.22	4.7	41	0.32
E6002201 (9774107)	1.98	1.25	0.49	6.35	19.0	1.58	<1	5	0.42	<0.2	0.15	3.1	27	0.21
E6002202 (9774108)	2.09	1.43	0.64	5.01	17.4	1.71	<1	8	0.46	<0.2	0.18	5.3	22	0.30
E6002203 (9774109)	2.12	1.36	0.76	5.17	24.2	1.84	<1	5	0.48	<0.2	0.26	5.9	44	0.24
E6002204 (9774110)	1.95	1.16	0.65	6.17	26.2	1.98	<1	4	0.39	<0.2	0.26	11.1	61	0.20
E6002205 (9774111)	2.23	1.54	0.64	6.30	19.1	1.94	<1	6	0.50	<0.2	0.21	6.3	34	0.30
E6002206 (9774112)	2.50	1.78	0.71	6.15	19.0	2.04	<1	7	0.55	<0.2	0.17	5.3	35	0.37
E6002207 (9774113)	3.97	2.22	1.31	6.88	23.3	4.09	1	5	0.78	<0.2	0.42	22.0	57	0.37
E6002208 (9774114)	3.50	2.10	0.85	6.98	22.0	3.06	<1	5	0.71	<0.2	0.43	10.4	53	0.35
E6002209 (9774115)	2.54	1.69	0.75	7.06	18.3	2.11	<1	6	0.57	<0.2	0.19	4.5	41	0.29
E6002210 (9774116)	2.84	1.81	1.16	6.14	20.7	2.72	<1	5	0.59	<0.2	0.19	10.2	32	0.30

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E6002211 (9774117)	2.38	1.43	0.71	6.46	22.3	2.39	<1	5	0.51	<0.2	0.43	15.9	59	0.25
E6002212 (9774118)	0.21	0.13	<0.05	0.07	0.12	0.18	<1	<1	<0.05	<0.2	<0.05	1.0	<10	<0.05
E6002213 (9774119)	2.65	1.65	0.58	7.81	21.9	2.02	1	4	0.57	<0.2	0.60	4.4	53	0.28
E6002214 (9774120)	4.49	2.74	0.86	7.61	20.3	3.35	<1	5	0.94	<0.2	0.51	6.9	45	0.42
E6002215 (9774121)	4.18	2.65	0.99	8.03	18.7	3.36	1	5	0.88	<0.2	0.63	6.8	39	0.43
E6002216 (9774122)	4.80	3.00	1.13	7.73	18.9	4.36	1	4	1.04	<0.2	0.55	16.9	35	0.47
E6002217 (9774123)	5.43	3.28	1.17	9.17	21.1	5.06	1	4	1.12	<0.2	0.56	19.8	38	0.49
E6002218 (9774124)	4.94	2.88	1.08	8.80	20.5	4.69	1	4	1.02	<0.2	0.55	17.2	42	0.45
E6002219 (9774125)	5.47	3.36	1.03	9.28	18.7	4.93	1	5	1.19	<0.2	0.64	14.1	37	0.49
E6002220 (9774126)	4.18	2.40	0.94	8.63	19.7	3.90	1	4	0.89	<0.2	0.62	13.6	45	0.40
E6002221 (9774127)	3.32	1.99	0.53	6.42	20.4	3.03	<1	3	0.69	<0.2	0.34	6.7	59	0.31
E6002222 (9774128)	4.78	2.82	1.21	6.78	20.5	4.35	<1	4	0.96	<0.2	0.87	12.6	39	0.42
E6002223 (9774129)	5.46	3.21	1.25	9.39	19.5	5.51	1	3	1.13	<0.2	0.53	20.4	32	0.49
E6002224 (9774130)	4.73	2.73	1.12	9.61	20.7	4.18	1	4	1.00	<0.2	0.89	10.6	31	0.44
E6002225 (9774131)	4.62	2.82	1.06	9.95	19.8	4.11	1	3	0.97	<0.2	0.70	9.6	33	0.40
E6002226 (9774132)	3.22	1.72	1.12	5.86	17.7	3.57	1	3	0.63	<0.2	1.09	16.6	16	0.25
E6002227 (9774133)	2.20	1.33	0.69	6.70	20.8	2.29	<1	5	0.44	<0.2	0.58	11.2	56	0.21
E6002228 (9774134)	1.02	0.73	0.38	6.62	16.9	1.03	<1	5	0.24	<0.2	0.36	6.9	58	0.18
E6002229 (9774135)	1.72	1.07	0.77	6.30	16.9	1.90	<1	4	0.37	<0.2	0.29	10.3	61	0.18
E6002230 (9774136)	1.11	0.79	0.29	4.53	18.2	1.17	<1	5	0.25	<0.2	0.18	3.2	50	0.16
E6002231 (9774137)	1.10	0.58	0.22	4.29	14.8	0.94	<1	5	0.21	<0.2	0.19	2.2	46	0.11
E6002232 (9774138)	0.24	0.14	<0.05	0.08	0.25	0.23	<1	<1	<0.05	<0.2	<0.05	1.1	<10	<0.05
E6002233 (9774139)	1.09	0.62	0.26	4.23	14.1	1.15	<1	5	0.23	<0.2	0.19	3.3	46	0.12
E6002234 (9774140)	2.09	0.96	0.46	4.22	14.8	1.79	<1	5	0.38	<0.2	0.19	2.9	51	0.13
E6002235 (9774141)	1.69	0.91	0.41	5.58	17.9	1.93	<1	4	0.34	<0.2	0.29	8.9	77	0.16
E6002236 (9774142)	2.30	1.20	0.55	5.18	18.2	2.15	<1	5	0.44	<0.2	0.28	6.8	68	0.19
E6002237 (9774143)	2.71	1.43	0.61	6.18	19.7	3.44	<1	4	0.50	<0.2	0.72	11.5	77	0.23
E6002238 (9774144)	2.49	1.24	0.66	5.49	16.7	2.34	<1	4	0.47	<0.2	0.24	4.5	63	0.19
E6002239 (9774145)	1.90	0.96	0.47	5.33	16.0	1.64	<1	4	0.37	<0.2	0.24	2.9	58	0.15
E6002240 (9774146)	2.04	1.23	0.49	6.25	19.7	2.24	1	3	0.42	<0.2	0.33	5.1	81	0.21
E6002241 (9774147)	2.89	1.63	0.61	7.55	21.6	3.32	<1	3	0.60	<0.2	0.21	8.8	108	0.26
E6002242 (9774148)	3.94	2.03	1.10	5.42	17.2	4.67	<1	4	0.77	<0.2	0.83	12.8	83	0.30

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
E6002243 (9774149)	2.96	1.68	1.16	5.87	18.7	4.00	<1	3	0.60	<0.2	0.98	17.8	86	0.27
E6002244 (9774150)	5.17	2.70	1.76	7.10	19.0	7.33	<1	4	1.01	<0.2	0.42	46.4	63	0.38
E6002245 (9774151)	4.93	2.63	1.53	6.18	20.2	6.06	<1	5	1.00	<0.2	0.20	29.9	59	0.42
E6002246 (9774152)	3.43	1.86	1.16	5.78	18.5	3.97	1	3	0.66	<0.2	1.10	16.8	14	0.29
E6002247 (9774153)	4.79	2.30	1.74	6.08	19.0	6.57	1	4	0.89	<0.2	0.23	27.6	76	0.31
E6002248 (9774154)	4.48	2.29	1.58	7.06	21.7	5.84	1	5	0.85	<0.2	0.24	24.1	90	0.28
E6002249 (9774155)	4.15	1.94	1.50	5.84	17.5	5.54	1	4	0.73	<0.2	0.28	18.6	69	0.25

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E6002179 (9774085)	1.76	316	8	4	5.0	34	0.06	<5	1.14	8.4	<0.01	0.5	18	28.3
E6002180 (9774086)	2.16	356	6	3	5.5	43	0.06	<5	1.27	9.7	<0.01	0.2	19	28.7
E6002181 (9774087)	1.46	282	8	5	5.2	25	0.06	<5	1.10	3.4	<0.01	0.3	27	30.9
E6002182 (9774088)	1.44	334	12	5	10.6	29	0.06	<5	2.22	3.5	0.02	0.4	25	30.6
E6002183 (9774089)	1.69	709	9	3	11.8	24	0.03	<5	2.36	4.5	<0.01	0.5	21	28.0
E6002184 (9774090)	1.61	284	13	5	4.3	27	0.05	<5	0.80	2.2	<0.01	0.4	23	30.5
E6002185 (9774091)	1.68	275	10	4	4.3	31	0.05	<5	0.84	3.1	<0.01	0.6	23	30.8
E6002186 (9774092)	2.48	979	17	<1	17.4	416	0.07	6	3.85	28.7	0.27	8.1	21	23.7
E6002187 (9774093)	1.70	291	13	4	3.5	26	0.02	<5	0.71	2.2	0.01	0.5	22	31.5
E6002188 (9774094)	1.86	317	9	4	4.4	30	0.01	<5	0.92	3.0	<0.01	0.5	20	30.4
E6002189 (9774095)	1.72	286	12	4	5.5	30	0.04	<5	1.13	2.7	<0.01	0.4	22	30.7
E6002190 (9774096)	1.71	327	11	4	9.7	31	0.06	<5	1.95	8.6	<0.01	0.4	24	29.5
E6002191 (9774097)	1.89	345	8	4	16.1	24	0.06	<5	3.26	4.9	0.01	0.2	27	29.6
E6002192 (9774098)	1.34	14	<2	<1	0.7	<5	<0.01	<5	0.17	0.4	<0.01	0.2	<5	4.04
E6002193 (9774099)	2.08	367	11	4	16.6	27	0.06	<5	3.37	4.4	0.05	0.1	32	28.8
E6002194 (9774100)	2.03	357	7	3	22.1	16	0.06	<5	4.85	4.2	0.02	0.1	28	29.5
E6002195 (9774101)	1.92	403	11	3	21.7	23	0.06	<5	4.77	4.9	0.01	0.1	33	28.7
E6002196 (9774102)	1.84	375	8	4	5.9	24	0.06	<5	1.20	4.3	0.02	0.2	30	29.6
E6002197 (9774103)	1.78	425	10	3	10.8	29	0.05	<5	2.44	5.9	0.02	0.3	29	30.5
E6002198 (9774104)	1.74	419	9	3	10.8	27	0.04	<5	2.50	5.7	0.02	0.3	28	29.1
E6002199 (9774105)	2.19	374	7	4	23.0	43	0.05	<5	5.63	6.3	<0.01	0.7	24	29.4
E6002200 (9774106)	1.77	323	8	6	5.5	33	0.02	<5	1.21	4.8	<0.01	0.8	23	30.8
E6002201 (9774107)	1.33	257	12	5	4.1	26	0.13	<5	0.87	2.2	<0.01	0.4	17	31.0
E6002202 (9774108)	1.11	244	9	4	5.9	21	0.07	<5	1.31	2.3	<0.01	0.4	16	32.3
E6002203 (9774109)	2.18	392	9	4	6.4	56	0.01	<5	1.39	4.8	<0.01	0.3	17	30.7
E6002204 (9774110)	3.03	347	5	4	9.8	76	0.02	<5	2.44	7.1	0.01	0.2	20	28.7
E6002205 (9774111)	1.35	229	17	4	6.4	27	0.11	<5	1.52	3.5	0.05	0.3	18	32.0
E6002206 (9774112)	1.35	204	12	7	6.2	29	0.07	<5	1.33	3.2	0.02	0.3	18	32.3
E6002207 (9774113)	2.37	311	7	4	20.6	35	0.03	<5	4.97	17.1	0.01	<0.1	17	29.5
E6002208 (9774114)	2.07	295	7	4	10.9	29	0.04	<5	2.56	17.7	<0.01	0.2	17	30.3
E6002209 (9774115)	1.54	222	13	6	5.2	31	0.04	<5	1.12	3.9	0.04	0.3	17	32.3
E6002210 (9774116)	1.44	290	8	6	10.2	34	0.08	<5	2.42	4.5	0.06	0.4	17	28.9

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E6002211 (9774117)	2.26	270	11	3	13.0	46	0.04	<5	3.40	17.0	0.01	0.3	20	29.7
E6002212 (9774118)	1.02	<10	2	<1	0.8	<5	<0.01	<5	0.18	0.3	<0.01	<0.1	<5	4.22
E6002213 (9774119)	2.30	322	11	3	5.4	37	0.04	<5	1.17	29.9	<0.01	0.2	25	29.7
E6002214 (9774120)	2.25	434	10	3	10.0	42	0.05	<5	2.06	20.3	<0.01	0.1	28	30.4
E6002215 (9774121)	2.07	574	7	3	10.7	40	0.05	<5	2.24	21.5	0.03	<0.1	29	29.8
E6002216 (9774122)	1.94	721	11	3	18.7	37	0.06	6	4.36	15.2	0.10	<0.1	27	28.7
E6002217 (9774123)	2.78	883	3	3	22.3	42	0.05	8	5.18	20.6	0.08	0.2	33	28.2
E6002218 (9774124)	2.64	880	3	3	19.4	43	0.05	8	4.48	19.7	0.08	<0.1	33	27.4
E6002219 (9774125)	3.23	1040	6	2	17.7	55	0.05	13	4.02	21.5	0.04	0.2	34	28.4
E6002220 (9774126)	3.32	874	5	2	15.4	56	0.04	<5	3.49	21.2	0.05	0.1	30	29.0
E6002221 (9774127)	2.96	735	9	2	10.3	61	0.08	7	2.20	12.3	0.06	0.1	36	27.9
E6002222 (9774128)	2.37	844	7	2	15.8	45	0.06	15	3.48	25.6	0.15	0.2	39	27.5
E6002223 (9774129)	2.83	1170	2	2	22.4	54	0.04	10	5.02	17.0	0.17	0.4	37	25.9
E6002224 (9774130)	2.64	1060	3	2	15.7	50	0.05	7	3.37	33.1	0.14	0.3	33	27.2
E6002225 (9774131)	2.79	846	<2	3	14.8	54	0.05	6	3.06	26.9	0.12	0.2	36	28.0
E6002226 (9774132)	2.53	1010	13	<1	18.4	410	0.07	5	4.21	28.5	0.25	7.9	22	25.0
E6002227 (9774133)	2.65	383	7	3	10.4	44	0.02	<5	2.53	10.5	0.01	<0.1	21	30.7
E6002228 (9774134)	2.48	269	6	2	5.8	42	0.02	<5	1.53	4.0	<0.01	<0.1	17	33.0
E6002229 (9774135)	2.36	243	10	1	8.6	43	0.01	<5	2.19	4.6	<0.01	<0.1	16	33.2
E6002230 (9774136)	2.11	307	6	4	4.0	57	0.04	<5	0.89	2.4	0.05	0.1	11	33.2
E6002231 (9774137)	1.95	283	8	3	2.8	48	0.04	<5	0.64	2.2	0.03	<0.1	9	34.6
E6002232 (9774138)	1.18	<10	4	<1	0.8	<5	<0.01	<5	0.18	0.6	<0.01	<0.1	<5	3.62
E6002233 (9774139)	1.92	302	15	3	4.1	41	0.03	<5	0.93	2.5	0.01	<0.1	9	34.5
E6002234 (9774140)	1.92	298	9	3	5.4	37	0.04	<5	1.03	3.1	0.02	<0.1	9	34.9
E6002235 (9774141)	3.05	358	7	3	9.6	65	0.05	8	2.35	6.4	0.17	0.3	16	32.5
E6002236 (9774142)	2.61	329	6	5	8.1	63	0.03	6	1.83	5.4	0.12	0.3	17	32.5
E6002237 (9774143)	3.10	602	5	6	14.9	77	<0.01	5	3.19	8.6	<0.01	0.8	19	26.7
E6002238 (9774144)	2.53	412	5	4	7.2	54	0.03	5	1.46	3.5	0.01	0.1	16	32.3
E6002239 (9774145)	2.46	386	7	4	5.0	52	0.04	5	1.00	3.4	0.02	0.2	15	32.6
E6002240 (9774146)	4.22	800	3	2	8.0	84	0.10	7	1.68	4.3	<0.01	0.2	19	29.0
E6002241 (9774147)	5.98	1190	<2	2	12.8	147	0.14	<5	2.59	5.2	<0.01	0.2	28	23.7
E6002242 (9774148)	4.98	1020	3	3	19.7	154	0.14	<5	3.82	10.5	<0.01	0.2	20	26.6

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
E6002243 (9774149)	3.95	766	4	4	21.7	108	0.10	<5	4.85	14.4	0.07	0.2	19	28.7
E6002244 (9774150)	3.19	864	3	5	49.1	63	0.14	7	12.1	13.2	0.20	0.2	19	26.4
E6002245 (9774151)	3.25	702	4	7	34.2	38	0.17	15	8.09	8.2	0.37	0.3	19	28.3
E6002246 (9774152)	2.53	1010	18	2	18.7	410	0.07	6	4.28	29.2	0.24	8.5	22	24.7
E6002247 (9774153)	4.40	975	3	7	36.7	140	0.10	<5	8.38	10.1	0.05	0.3	18	27.1
E6002248 (9774154)	5.66	1090	3	7	32.2	197	0.10	<5	7.23	13.5	<0.01	0.5	20	26.7
E6002249 (9774155)	4.16	931	6	6	28.2	155	0.09	<5	6.11	12.2	<0.01	0.3	17	28.3

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AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E6002179 (9774085)	1.2	2	21.7	<0.5	0.23	6.2	0.54	<0.5	0.12	1.36	151	<1	8.4	0.9
E6002180 (9774086)	1.3	<1	23.9	<0.5	0.23	5.9	0.56	<0.5	0.14	1.34	173	<1	8.3	1.0
E6002181 (9774087)	1.5	<1	14.0	<0.5	0.45	6.6	0.66	<0.5	0.30	2.39	208	<1	18.6	2.0
E6002182 (9774088)	2.7	2	13.6	<0.5	0.54	6.5	0.66	<0.5	0.36	2.27	208	<1	21.6	2.5
E6002183 (9774089)	3.6	1	18.9	<0.5	0.65	6.0	0.45	<0.5	0.34	2.09	155	<1	22.1	2.2
E6002184 (9774090)	1.4	<1	12.7	<0.5	0.40	6.5	0.61	<0.5	0.30	2.54	225	<1	17.2	2.0
E6002185 (9774091)	1.5	<1	12.4	<0.5	0.43	6.3	0.63	<0.5	0.29	2.29	242	<1	17.0	2.1
E6002186 (9774092)	3.6	1	353	<0.5	0.52	2.1	0.36	<0.5	0.23	1.96	169	1	16.0	1.6
E6002187 (9774093)	1.1	<1	10.5	<0.5	0.37	6.0	0.60	<0.5	0.27	1.97	169	<1	15.7	1.8
E6002188 (9774094)	1.3	1	13.3	<0.5	0.40	6.6	0.59	<0.5	0.31	1.88	158	<1	17.1	2.2
E6002189 (9774095)	1.7	<1	13.2	<0.5	0.40	6.1	0.60	<0.5	0.29	2.04	232	<1	15.3	1.9
E6002190 (9774096)	2.8	<1	19.4	<0.5	0.65	6.0	0.70	<0.5	0.42	2.34	285	<1	24.5	2.7
E6002191 (9774097)	4.3	1	16.1	<0.5	0.90	6.1	0.74	<0.5	0.49	2.32	262	<1	30.3	3.2
E6002192 (9774098)	0.2	<1	60.1	<0.5	<0.05	<0.1	<0.01	<0.5	<0.05	0.12	<5	<1	2.1	0.1
E6002193 (9774099)	4.5	<1	15.4	<0.5	0.86	5.5	0.81	<0.5	0.50	2.29	280	<1	29.9	3.2
E6002194 (9774100)	5.1	<1	15.4	<0.5	0.87	5.2	0.80	<0.5	0.48	2.05	282	<1	29.6	3.1
E6002195 (9774101)	4.8	1	15.4	<0.5	0.90	5.4	0.83	<0.5	0.47	1.99	335	<1	29.5	3.1
E6002196 (9774102)	1.8	1	17.4	<0.5	0.54	7.6	0.73	<0.5	0.35	2.01	317	<1	20.3	2.3
E6002197 (9774103)	2.7	2	21.2	<0.5	0.55	6.5	0.70	<0.5	0.31	1.72	323	<1	20.2	2.3
E6002198 (9774104)	2.6	<1	18.8	<0.5	0.53	6.2	0.69	<0.5	0.33	1.68	319	<1	19.2	2.2
E6002199 (9774105)	4.4	3	18.7	<0.5	0.60	7.3	0.67	<0.5	0.31	1.78	346	<1	19.8	2.1
E6002200 (9774106)	1.5	4	16.3	<0.5	0.38	7.7	0.78	<0.5	0.30	1.91	204	<1	16.5	2.0
E6002201 (9774107)	1.2	<1	15.3	<0.5	0.28	8.1	0.71	<0.5	0.19	1.65	122	<1	11.2	1.4
E6002202 (9774108)	1.4	<1	15.7	<0.5	0.32	9.8	0.51	<0.5	0.24	2.14	104	<1	12.8	1.8
E6002203 (9774109)	1.6	2	22.3	<0.5	0.32	9.1	0.49	<0.5	0.23	1.44	128	<1	12.0	1.6
E6002204 (9774110)	1.9	<1	22.2	<0.5	0.30	7.2	0.44	<0.5	0.20	1.27	148	<1	9.3	1.2
E6002205 (9774111)	1.6	<1	14.0	<0.5	0.34	7.0	0.58	<0.5	0.27	2.05	75	<1	13.0	1.9
E6002206 (9774112)	1.6	18	13.5	<0.5	0.35	9.3	0.53	<0.5	0.31	2.65	78	<1	14.2	2.2
E6002207 (9774113)	4.0	<1	16.4	<0.5	0.68	7.7	0.43	<0.5	0.35	2.01	205	<1	22.2	2.5
E6002208 (9774114)	2.5	<1	15.5	<0.5	0.52	7.5	0.42	<0.5	0.31	1.95	199	<1	19.4	2.1
E6002209 (9774115)	1.7	1	13.1	<0.5	0.38	9.1	0.64	<0.5	0.27	2.18	113	<1	13.9	1.9
E6002210 (9774116)	2.5	2	16.6	<0.5	0.46	8.2	0.64	<0.5	0.30	1.90	106	<1	16.7	2.0

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E6002211 (9774117)	2.3	2	21.6	<0.5	0.40	8.0	0.51	<0.5	0.22	1.79	206	<1	12.6	1.6
E6002212 (9774118)	0.2	<1	62.9	<0.5	<0.05	0.2	<0.01	<0.5	<0.05	0.11	<5	<1	2.1	0.1
E6002213 (9774119)	1.5	<1	23.4	<0.5	0.38	5.8	0.51	<0.5	0.26	1.93	225	<1	16.0	1.9
E6002214 (9774120)	2.7	<1	29.8	<0.5	0.61	6.0	0.56	<0.5	0.42	2.01	231	<1	24.1	2.9
E6002215 (9774121)	3.0	<1	50.9	<0.5	0.61	6.2	0.64	<0.5	0.40	2.12	228	<1	23.0	2.8
E6002216 (9774122)	4.1	<1	41.8	<0.5	0.76	5.9	0.74	<0.5	0.48	2.25	197	<1	26.5	3.1
E6002217 (9774123)	4.8	<1	64.9	<0.5	0.85	5.5	0.86	<0.5	0.49	2.34	286	<1	27.6	3.3
E6002218 (9774124)	4.2	<1	63.6	<0.5	0.77	4.8	0.86	<0.5	0.45	2.10	283	<1	26.7	3.1
E6002219 (9774125)	4.3	2	71.2	<0.5	0.86	6.6	0.71	<0.5	0.49	2.01	262	<1	27.0	3.3
E6002220 (9774126)	3.3	2	66.6	<0.5	0.68	5.4	0.62	<0.5	0.37	1.80	312	<1	22.1	2.5
E6002221 (9774127)	2.6	1	30.7	<0.5	0.51	3.8	0.75	<0.5	0.31	2.04	309	<1	16.7	2.1
E6002222 (9774128)	3.8	1	67.4	<0.5	0.73	4.5	0.76	<0.5	0.43	1.98	306	<1	24.0	3.0
E6002223 (9774129)	4.9	1	104	<0.5	0.88	4.3	0.75	<0.5	0.48	1.94	367	<1	30.1	3.1
E6002224 (9774130)	3.9	<1	103	<0.5	0.71	4.9	0.75	<0.5	0.42	2.11	396	<1	23.3	2.9
E6002225 (9774131)	3.7	1	89.1	<0.5	0.72	4.6	0.81	<0.5	0.42	2.03	483	<1	23.6	2.7
E6002226 (9774132)	3.9	<1	365	<0.5	0.54	2.6	0.37	<0.5	0.26	2.00	170	<1	15.7	1.8
E6002227 (9774133)	2.0	3	29.9	<0.5	0.37	7.8	0.47	<0.5	0.20	1.24	179	<1	10.9	1.4
E6002228 (9774134)	0.9	<1	14.8	<0.5	0.15	7.2	0.35	<0.5	0.13	1.40	120	<1	5.8	1.0
E6002229 (9774135)	1.9	1	20.7	<0.5	0.30	6.9	0.30	<0.5	0.17	1.56	109	<1	9.4	1.2
E6002230 (9774136)	1.0	3	19.2	<0.5	0.18	7.5	0.26	<0.5	0.12	1.81	81	<1	6.5	0.9
E6002231 (9774137)	0.8	<1	16.6	<0.5	0.15	5.4	0.23	<0.5	0.10	1.38	73	<1	5.4	0.7
E6002232 (9774138)	0.2	<1	61.4	<0.5	<0.05	0.4	0.01	<0.5	<0.05	0.12	<5	<1	2.2	0.1
E6002233 (9774139)	1.0	<1	16.4	<0.5	0.19	6.0	0.22	<0.5	0.10	1.44	69	<1	6.0	0.7
E6002234 (9774140)	1.6	<1	15.8	<0.5	0.32	5.1	0.22	<0.5	0.14	1.01	71	<1	10.2	0.9
E6002235 (9774141)	2.0	<1	31.1	<0.5	0.29	5.0	0.33	<0.5	0.17	1.27	119	<1	8.7	1.1
E6002236 (9774142)	1.8	<1	22.2	<0.5	0.38	8.9	0.33	<0.5	0.19	1.86	121	<1	11.5	1.2
E6002237 (9774143)	3.4	<1	19.4	<0.5	0.48	5.7	0.48	<0.5	0.21	1.55	158	<1	13.9	1.5
E6002238 (9774144)	2.1	<1	17.3	<0.5	0.39	5.5	0.36	<0.5	0.19	1.19	108	<1	12.8	1.2
E6002239 (9774145)	1.5	<1	17.4	<0.5	0.30	4.6	0.33	<0.5	0.15	1.04	102	2	10.2	1.0
E6002240 (9774146)	1.9	<1	23.7	<0.5	0.33	4.0	0.36	<0.5	0.20	1.04	129	<1	12.0	1.4
E6002241 (9774147)	3.0	1	42.8	<0.5	0.49	5.4	0.45	<0.5	0.26	0.92	190	<1	17.0	1.7
E6002242 (9774148)	4.9	<1	55.5	<0.5	0.69	4.3	0.44	<0.5	0.31	0.90	130	<1	18.2	2.0

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E6002243 (9774149)	4.2	<1	57.7	<0.5	0.56	2.5	0.53	<0.5	0.25	0.67	146	<1	15.5	1.7
E6002244 (9774150)	8.1	<1	64.7	<0.5	1.03	2.6	0.57	<0.5	0.40	0.83	99	<1	23.3	2.7
E6002245 (9774151)	6.4	5	62.2	<0.5	0.88	2.7	0.62	<0.5	0.41	0.80	85	<1	25.8	2.5
E6002246 (9774152)	4.1	<1	360	<0.5	0.61	2.7	0.37	<0.5	0.28	2.13	170	<1	16.2	1.8
E6002247 (9774153)	6.8	<1	45.9	<0.5	0.91	2.2	0.84	<0.5	0.32	0.93	134	<1	22.0	2.1
E6002248 (9774154)	6.4	<1	42.8	<0.5	0.86	2.2	1.02	<0.5	0.31	0.87	172	<1	20.5	2.0
E6002249 (9774155)	6.1	2	40.2	<0.5	0.79	1.8	0.91	<0.5	0.27	0.80	143	<1	18.3	1.8

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AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E6002179 (9774085)	19	137
E6002180 (9774086)	20	132
E6002181 (9774087)	16	191
E6002182 (9774088)	17	177
E6002183 (9774089)	8	175
E6002184 (9774090)	16	178
E6002185 (9774091)	15	172
E6002186 (9774092)	51	88.9
E6002187 (9774093)	16	175
E6002188 (9774094)	22	177
E6002189 (9774095)	17	172
E6002190 (9774096)	17	174
E6002191 (9774097)	21	168
E6002192 (9774098)	<5	<0.5
E6002193 (9774099)	26	157
E6002194 (9774100)	27	148
E6002195 (9774101)	25	149
E6002196 (9774102)	20	156
E6002197 (9774103)	19	154
E6002198 (9774104)	18	145
E6002199 (9774105)	20	156
E6002200 (9774106)	14	222
E6002201 (9774107)	12	180
E6002202 (9774108)	10	300
E6002203 (9774109)	20	191
E6002204 (9774110)	21	153
E6002205 (9774111)	14	203
E6002206 (9774112)	12	256
E6002207 (9774113)	24	192
E6002208 (9774114)	19	195
E6002209 (9774115)	13	215
E6002210 (9774116)	10	193

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AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E6002211 (9774117)	17	164
E6002212 (9774118)	<5	1.4
E6002213 (9774119)	19	146
E6002214 (9774120)	24	168
E6002215 (9774121)	28	159
E6002216 (9774122)	67	153
E6002217 (9774123)	114	134
E6002218 (9774124)	118	131
E6002219 (9774125)	129	132
E6002220 (9774126)	98	126
E6002221 (9774127)	52	107
E6002222 (9774128)	51	117
E6002223 (9774129)	83	98.9
E6002224 (9774130)	90	123
E6002225 (9774131)	78	88.7
E6002226 (9774132)	57	88.8
E6002227 (9774133)	31	184
E6002228 (9774134)	21	177
E6002229 (9774135)	19	150
E6002230 (9774136)	22	163
E6002231 (9774137)	19	160
E6002232 (9774138)	<5	1.6
E6002233 (9774139)	18	184
E6002234 (9774140)	18	162
E6002235 (9774141)	27	138
E6002236 (9774142)	23	167
E6002237 (9774143)	27	160
E6002238 (9774144)	27	147
E6002239 (9774145)	26	142
E6002240 (9774146)	69	128
E6002241 (9774147)	96	106
E6002242 (9774148)	75	121

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AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
E6002243 (9774149)	75	126
E6002244 (9774150)	68	147
E6002245 (9774151)	76	179
E6002246 (9774152)	53	89.6
E6002247 (9774153)	103	152
E6002248 (9774154)	134	164
E6002249 (9774155)	104	139

Comments: RDL - Reported Detection Limit

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Sieving - % Passing (Crushing)

DATE SAMPLED: Dec 09, 2018 | DATE RECEIVED: Dec 10, 2018 | DATE REPORTED: Jan 25, 2019 | SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
E6002179 (9774085)	89
E6002195 (9774101)	86
E6002197 (9774103)	92
E6002217 (9774123)	93
E6002238 (9774144)	90

Comments: RDL - Reported Detection Limit

Certified By: Sherin Moussa

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Quality Assurance - Replicate

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9774085	< 1	< 1	0.0%	9774099	< 1	< 1	0.0%	9774110	< 1	< 1	0.0%	9774124	< 1	< 1	0.0%
Al	9774085	7.10	7.35	3.5%	9774099	6.90	6.86	0.6%	9774110	8.61	8.71	1.2%	9774124	6.90	7.02	1.7%
As	9774085	< 5	< 5	0.0%	9774099	< 5	< 5	0.0%	9774110	< 5	< 5	0.0%	9774124	< 5	< 5	0.0%
B	9774085	< 20	< 20	0.0%	9774099	< 20	< 20	0.0%	9774110	< 20	< 20	0.0%	9774124	23	24	4.3%
Ba	9774085	24.8	25.5	2.8%	9774099	15.0	14.9	0.7%	9774110	21.5	21.0	2.4%	9774124	87.1	86.5	0.7%
Be	9774085	< 5	< 5	0.0%	9774099	< 5	< 5	0.0%	9774110	< 5	< 5	0.0%	9774124	< 5	< 5	0.0%
Bi	9774085	0.3	0.1		9774099	< 0.1	< 0.1	0.0%	9774110	< 0.1	< 0.1	0.0%	9774124	0.1	0.1	0.0%
Ca	9774085	1.21	1.25	3.3%	9774099	0.819	0.836	2.1%	9774110	0.24	0.24	0.0%	9774124	2.16	2.14	0.9%
Cd	9774085	< 0.2	< 0.2	0.0%	9774099	< 0.2	< 0.2	0.0%	9774110	< 0.2	< 0.2	0.0%	9774124	< 0.2	< 0.2	0.0%
Ce	9774085	10.1	15.0	39.0%	9774099	24.8	24.3	2.0%	9774110	22.7	21.1	7.3%	9774124	39.0	39.6	1.5%
Co	9774085	15.7	20.0	24.1%	9774099	18.5	19.2	3.7%	9774110	23.4	23.3	0.4%	9774124	22.1	22.4	1.3%
Cr	9774085	0.0153	0.0157	2.6%	9774099	0.016	0.016	0.0%	9774110	0.026	0.026	0.0%	9774124	0.016	0.016	0.0%
Cs	9774085	0.4	0.8	66.7%	9774099	0.4	0.4	0.0%	9774110	0.8	0.8	0.0%	9774124	0.5	0.5	0.0%
Cu	9774085	35	33	5.9%	9774099	129	130	0.8%	9774110	8	8	0.0%	9774124	13	13	0.0%
Dy	9774085	1.46	1.79	20.3%	9774099	5.87	5.76	1.9%	9774110	1.95	1.96	0.5%	9774124	4.94	4.91	0.6%
Er	9774085	0.83	0.97	15.6%	9774099	3.26	3.24	0.6%	9774110	1.16	1.16	0.0%	9774124	2.88	2.95	2.4%
Eu	9774085	0.58	0.68	15.9%	9774099	1.22	1.18	3.3%	9774110	0.65	0.65	0.0%	9774124	1.08	1.12	3.6%
Fe	9774085	5.88	5.97	1.5%	9774099	9.02	9.17	1.6%	9774110	6.17	6.11	1.0%	9774124	8.80	9.08	3.1%
Ga	9774085	20.4	23.7	15.0%	9774099	21.1	21.4	1.4%	9774110	26.2	25.6	2.3%	9774124	20.5	20.4	0.5%
Gd	9774085	1.36	1.18	14.2%	9774099	4.97	4.85	2.4%	9774110	1.98	1.80	9.5%	9774124	4.69	4.56	2.8%
Ge	9774085	< 1	1		9774099	< 1	< 1	0.0%	9774110	< 1	1		9774124	1	1	0.0%
Hf	9774085	4	3	28.6%	9774099	4	4	0.0%	9774110	4	4	0.0%	9774124	4	4	0.0%
Ho	9774085	0.30	0.34	12.5%	9774099	1.15	1.15	0.0%	9774110	0.39	0.37	5.3%	9774124	1.02	1.00	2.0%
In	9774085	< 0.2	< 0.2	0.0%	9774099	< 0.2	< 0.2	0.0%	9774110	< 0.2	< 0.2	0.0%	9774124	< 0.2	< 0.2	0.0%
K	9774085	0.25	0.25	0.0%	9774099	0.160	0.153	4.5%	9774110	0.26	0.26	0.0%	9774124	0.546	0.540	1.1%
La	9774085	4.7	5.4	13.9%	9774099	9.9	9.6	3.1%	9774110	11.1	10.4	6.5%	9774124	17.2	17.6	2.3%
Li	9774085	41	44	7.1%	9774099	43	42	2.4%	9774110	61	64	4.8%	9774124	42	40	4.9%
Lu	9774085	0.15	0.15	0.0%	9774099	0.443	0.479	7.8%	9774110	0.202	0.194	4.0%	9774124	0.454	0.477	4.9%
Mg	9774085	1.76	1.84	4.4%	9774099	2.08	2.12	1.9%	9774110	3.03	3.03	0.0%	9774124	2.64	2.69	1.9%
Mn	9774085	316	326	3.1%	9774099	367	364	0.8%	9774110	347	354	2.0%	9774124	880	873	0.8%
Mo	9774085	8	5		9774099	11	12	8.7%	9774110	5	6	18.2%	9774124	3	2	

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Nb	9774085	4	3	28.6%	9774099	4	4	0.0%	9774110	4	3	28.6%	9774124	3	3	0.0%
Nd	9774085	5.0	6.1	19.8%	9774099	16.6	15.8	4.9%	9774110	9.8	9.5	3.1%	9774124	19.4	20.3	4.5%
Ni	9774085	34	34	0.0%	9774099	27	26	3.8%	9774110	76	76	0.0%	9774124	43	42	2.4%
P	9774085	0.06	0.06	0.0%	9774099	0.06	0.06	0.0%	9774110	0.02	0.02	0.0%	9774124	0.05	0.05	0.0%
Pb	9774085	< 5	< 5	0.0%	9774099	< 5	< 5	0.0%	9774110	< 5	< 5	0.0%	9774124	8	8	0.0%
Pr	9774085	1.14	2.14	61.0%	9774099	3.37	3.22	4.6%	9774110	2.44	2.32	5.0%	9774124	4.48	4.59	2.4%
Rb	9774085	8.4	10.1	18.4%	9774099	4.43	4.50	1.6%	9774110	7.1	7.1	0.0%	9774124	19.7	20.4	3.5%
S	9774085	< 0.01	< 0.01	0.0%	9774099	0.054	0.060	10.5%	9774110	0.01	0.01	0.0%	9774124	0.08	0.07	13.3%
Sb	9774085	0.5	0.5	0.0%	9774099	0.1	0.1	0.0%	9774110	0.16	0.12	28.6%	9774124	< 0.1	0.1	
Sc	9774085	18	18	0.0%	9774099	32	32	0.0%	9774110	20	20	0.0%	9774124	33	33	0.0%
Si	9774085	28.3	28.7	1.4%	9774099	28.8	29.1	1.0%	9774110	28.7	28.5	0.7%	9774124	27.4	28.2	2.9%
Sm	9774085	1.2	2.1	54.5%	9774099	4.46	4.29	3.9%	9774110	1.9	1.9	0.0%	9774124	4.19	4.48	6.7%
Sn	9774085	2	< 1		9774099	< 1	< 1	0.0%	9774110	< 1	< 1	0.0%	9774124	< 1	< 1	0.0%
Sr	9774085	21.7	22.8	4.9%	9774099	15.4	16.2	5.1%	9774110	22.2	22.4	0.9%	9774124	63.6	62.3	2.1%
Ta	9774085	< 0.5	< 0.5	0.0%	9774099	< 0.5	< 0.5	0.0%	9774110	< 0.5	< 0.5	0.0%	9774124	< 0.5	< 0.5	0.0%
Tb	9774085	0.23	0.32		9774099	0.86	0.87	1.2%	9774110	0.30	0.30	0.0%	9774124	0.770	0.761	1.2%
Th	9774085	6.2	5.2	17.5%	9774099	5.5	5.5	0.0%	9774110	7.2	7.1	1.4%	9774124	4.78	4.63	3.2%
Ti	9774085	0.540	0.559	3.5%	9774099	0.81	0.81	0.0%	9774110	0.44	0.44	0.0%	9774124	0.86	0.86	0.0%
Tl	9774085	< 0.5	< 0.5	0.0%	9774099	< 0.5	< 0.5	0.0%	9774110	< 0.5	< 0.5	0.0%	9774124	< 0.5	< 0.5	0.0%
Tm	9774085	0.124	0.157	23.5%	9774099	0.497	0.490	1.4%	9774110	0.198	0.183	7.9%	9774124	0.453	0.455	0.4%
U	9774085	1.36	0.95		9774099	2.29	2.32	1.3%	9774110	1.27	1.21	4.8%	9774124	2.10	2.15	2.4%
V	9774085	151	154	2.0%	9774099	280	280	0.0%	9774110	148	149	0.7%	9774124	283	278	1.8%
W	9774085	< 1	< 1	0.0%	9774099	< 1	< 1	0.0%	9774110	< 1	< 1	0.0%	9774124	< 1	2	
Y	9774085	8.42	9.76	14.7%	9774099	29.9	30.7	2.6%	9774110	9.30	9.55	2.7%	9774124	26.7	26.5	0.8%
Yb	9774085	0.9	1.0	10.5%	9774099	3.19	3.27	2.5%	9774110	1.24	1.15	7.5%	9774124	3.05	3.01	1.3%
Zn	9774085	19	21	10.0%	9774099	26	27	3.8%	9774110	21	25	17.4%	9774124	118	113	4.3%
Zr	9774085	137	117	15.7%	9774099	157	157	0.0%	9774110	153	156	1.9%	9774124	131	134	2.3%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9774135	< 1	< 1	0.0%	9774149	4	4	0.0%								
Al	9774135	6.63	6.67	0.6%	9774149	8.31	8.31	0.0%								
As	9774135	< 5	< 5	0.0%	9774149	< 5	< 5	0.0%								
B	9774135	< 20	< 20	0.0%	9774149	< 20	< 20	0.0%								
Ba	9774135	15.0	14.7	2.0%	9774149	67.3	65.7	2.4%								

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Be	9774135	< 5	< 5	0.0%	9774149	< 5	< 5	0.0%								
Bi	9774135	0.1	< 0.1		9774149	0.2	0.2	0.0%								
Ca	9774135	0.147	0.130	12.3%	9774149	1.49	1.49	0.0%								
Cd	9774135	< 0.2	< 0.2	0.0%	9774149	< 0.2	< 0.2	0.0%								
Ce	9774135	20.4	18.4	10.3%	9774149	40.8	44.8	9.3%								
Co	9774135	18.6	18.3	1.6%	9774149	24.1	25.4	5.3%								
Cr	9774135	0.0270	0.0251	7.3%	9774149	0.0209	0.0202	3.4%								
Cs	9774135	0.7	0.7	0.0%	9774149	0.9	0.9	0.0%								
Cu	9774135	9	9	0.0%	9774149	17	17	0.0%								
Dy	9774135	1.72	1.67	2.9%	9774149	2.96	3.40	13.8%								
Er	9774135	1.07	1.05	1.9%	9774149	1.68	1.81	7.4%								
Eu	9774135	0.769	0.660	15.3%	9774149	1.16	1.23	5.9%								
Fe	9774135	6.30	6.24	1.0%	9774149	5.87	5.87	0.0%								
Ga	9774135	16.9	17.0	0.6%	9774149	18.7	19.7	5.2%								
Gd	9774135	1.90	1.70	11.1%	9774149	4.00	4.24	5.8%								
Ge	9774135	< 1	< 1	0.0%	9774149	< 1	< 1	0.0%								
Hf	9774135	4	4	0.0%	9774149	3	4	28.6%								
Ho	9774135	0.37	0.35	5.6%	9774149	0.597	0.685	13.7%								
In	9774135	< 0.2	< 0.2	0.0%	9774149	< 0.2	< 0.2	0.0%								
K	9774135	0.292	0.272	7.1%	9774149	0.98	0.98	0.0%								
La	9774135	10.3	9.4	9.1%	9774149	17.8	19.7	10.1%								
Li	9774135	61	59	3.3%	9774149	86	88	2.3%								
Lu	9774135	0.179	0.172	4.0%	9774149	0.27	0.27	0.0%								
Mg	9774135	2.36	2.30	2.6%	9774149	3.95	3.95	0.0%								
Mn	9774135	243	238	2.1%	9774149	766	761	0.7%								
Mo	9774135	10	6		9774149	4	3	28.6%								
Nb	9774135	1	1	0.0%	9774149	4	4	0.0%								
Nd	9774135	8.57	8.24	3.9%	9774149	21.7	24.3	11.3%								
Ni	9774135	43	45	4.5%	9774149	108	102	5.7%								
P	9774135	0.01	0.01	0.0%	9774149	0.10	0.10	0.0%								
Pb	9774135	< 5	< 5	0.0%	9774149	< 5	< 5	0.0%								
Pr	9774135	2.19	2.02	8.1%	9774149	4.85	5.41	10.9%								
Rb	9774135	4.58	4.35	5.2%	9774149	14.4	14.9	3.4%								
S	9774135	< 0.01	< 0.01	0.0%	9774149	0.07	0.07	0.0%								

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

Sb	9774135	< 0.1	< 0.1	0.0%	9774149	0.2	0.2	0.0%								
Sc	9774135	16	16	0.0%	9774149	19	19	0.0%								
Si	9774135	33.2	33.1	0.3%	9774149	28.7	28.7	0.0%								
Sm	9774135	1.9	1.6	17.1%	9774149	4.23	4.67	9.9%								
Sn	9774135	1	1	0.0%	9774149	< 1	< 1	0.0%								
Sr	9774135	20.7	19.6	5.5%	9774149	57.7	59.0	2.2%								
Ta	9774135	< 0.5	< 0.5	0.0%	9774149	< 0.5	< 0.5	0.0%								
Tb	9774135	0.303	0.275	9.7%	9774149	0.565	0.595	5.2%								
Th	9774135	6.9	6.4	7.5%	9774149	2.5	2.6	3.9%								
Ti	9774135	0.30	0.30	0.0%	9774149	0.53	0.53	0.0%								
Tl	9774135	< 0.5	< 0.5	0.0%	9774149	< 0.5	< 0.5	0.0%								
Tm	9774135	0.167	0.163	2.4%	9774149	0.251	0.260	3.5%								
U	9774135	1.56	1.48	5.3%	9774149	0.67	0.75	11.3%								
V	9774135	109	110	0.9%	9774149	146	146	0.0%								
W	9774135	< 1	< 1	0.0%	9774149	< 1	< 1	0.0%								
Y	9774135	9.4	8.6	8.9%	9774149	15.5	15.9	2.5%								
Yb	9774135	1.19	1.10	7.9%	9774149	1.7	1.8	5.7%								
Zn	9774135	19	20	5.1%	9774149	75	73	2.7%								
Zr	9774135	150	147	2.0%	9774149	126	131	3.9%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GBM998-10)				CRM #4 (ref.SY-4)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11	100%	90% - 110%	8.47	8.47	100%	90% - 110%								
As					26	26	99%	90% - 110%	25	24	97%	90% - 110%				
Ba	340	348	102%	90% - 110%	540	539	100%	90% - 110%								
Be	2.6	2.69	103%	90% - 110%	4.0	3.92	98%	90% - 110%					2.6	2.75	106%	90% - 110%
Ca	5.72	5.88	103%	90% - 110%	0.907	0.945	104%	90% - 110%								
Ce	122	124	102%	90% - 110%	98	102	104%	90% - 110%								
Co	2.8	2.5	90%	90% - 110%	15	15	101%	90% - 110%	1202	1380	115%	90% - 110%				
Cs	1.5	1.5	100%	90% - 110%												
Cu					150	159	106%	90% - 110%	15414	15586	101%	90% - 110%				
Dy	18.2	19.1	105%	90% - 110%												
Er	14.2	13.7	97%	90% - 110%	3.7	4.1	110%	90% - 110%								
Eu	2.0	2	99%	90% - 110%												
Fe	4.34	4.38	101%	90% - 110%	3.77	4	106%	90% - 110%								
Ga	35	37	106%	90% - 110%												
Gd	14	14	103%	90% - 110%												
Hf	10.6	11	104%	90% - 110%	11	10	90%	90% - 110%								
Ho	4.3	4.4	102%	90% - 110%												
K	1.37	1.44	105%	90% - 110%	2.55	2.57	101%	90% - 110%								
La	58	58	99%	90% - 110%	44	45	101%	90% - 110%								
Li	37	40	109%	90% - 110%	47	49	104%	90% - 110%								
Lu	2.1	2.1	99%	90% - 110%	0.6	0.6	92%	90% - 110%								
Mg	0.325	0.322	99%	90% - 110%	1.1	1.1	102%	90% - 110%								
Mn	836	839	100%	90% - 110%	780	811	104%	90% - 110%								
Mo					14	14	102%	90% - 110%								
Nb	13	11	88%	90% - 110%	20	18	90%	90% - 110%								
Nd	57	60	105%	90% - 110%												
Ni	9	9	103%	90% - 110%	32	35	109%	90% - 110%	23610	23249	98%	90% - 110%				
Pb	10	10	98%	90% - 110%	31	31	101%	90% - 110%	41	45	110%	90% - 110%				
Pr	15.0	14.2	95%	90% - 110%												
Rb	55	51	93%	90% - 110%	144	148	102%	90% - 110%								
Sb					0.8	0.8	95%	90% - 110%								

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ATTENTION TO: FRANK SANTAGUIDA

Sc					12	12	101%	90% - 110%								
Si	23.3	23.7	102%	90% - 110%	28.4	29.4	104%	90% - 110%								
Sm	12.7	12.9	101%	90% - 110%	7.4	7.7	104%	90% - 110%								
Sn	7.1	7.2	102%	90% - 110%												
Sr	1191	1224	103%	90% - 110%	144	155	107%	90% - 110%								
Tb	2.6	2.7	103%	90% - 110%	1.2	1.2	102%	90% - 110%								
Th	1.4	1.4	98%	90% - 110%	18.4	16.1	87%	90% - 110%								
Ti	0.172	0.168	98%	90% - 110%	0.527	0.531	101%	90% - 110%								
Tm	2.3	2.3	99%	90% - 110%												
U	0.8	0.7	93%	90% - 110%	5.7	5.4	94%	90% - 110%								
V	8	7	91%	90% - 110%	77	83	107%	90% - 110%								
W					5	5	95%	90% - 110%								
Y	119	114	96%	90% - 110%	40	38	95%	90% - 110%								
Yb	14.8	15.3	104%	90% - 110%												
Zn	93	97	105%	90% - 110%	130	129	99%	90% - 110%	90	90	100%	90% - 110%				
Zr	517	565	109%	90% - 110%	390	371	95%	90% - 110%								
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	11.27	103%	90% - 110%												
Ba	340	347	102%	90% - 110%												
Be	2.6	3.2	124%	90% - 110%												
Ca	5.72	6.05	106%	90% - 110%												
Ce	122	130	107%	90% - 110%												
Co	2.8	2.7	96%	90% - 110%												
Cs	1.5	1.6	109%	90% - 110%												
Dy	18.2	19.9	109%	90% - 110%												
Er	14.2	15	106%	90% - 110%												
Eu	2.0	2.1	104%	90% - 110%												
Fe	4.34	4.62	106%	90% - 110%												
Ga	35	38	109%	90% - 110%												
Gd	14	15	110%	90% - 110%												
Hf	10.6	11.4	108%	90% - 110%												
Ho	4.3	4.7	110%	90% - 110%												
K	1.37	1.5	109%	90% - 110%												

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CLIENT NAME: FIRST COBALT CORP

ATTENTION TO: FRANK SANTAGUIDA

La	58	60	103%	90% - 110%												
Li	37	38	102%	90% - 110%												
Lu	2.1	2.3	107%	90% - 110%												
Mg	0.325	0.326	100%	90% - 110%												
Mn	836	873	104%	90% - 110%												
Nb	13	12	94%	90% - 110%												
Nd	57	63	110%	90% - 110%												
Ni	9	8	91%	90% - 110%												
Pb	10	11	108%	90% - 110%												
Pr	15.0	15.1	100%	90% - 110%												
Rb	55	52	95%	90% - 110%												
Si	23.3	24.7	106%	90% - 110%												
Sm	12.7	13.4	106%	90% - 110%												
Sn	7.1	7.7	109%	90% - 110%												
Sr	1191	1255	105%	90% - 110%												
Tb	2.6	2.9	110%	90% - 110%												
Th	1.4	1.7	121%	90% - 110%												
Ti	0.172	0.174	101%	90% - 110%												
Tm	2.3	2.4	106%	90% - 110%												
U	0.8	0.9	108%	90% - 110%												
V	8	7	87%	90% - 110%												
Y	119	116	98%	90% - 110%												
Yb	14.8	16.1	109%	90% - 110%												
Zn	93	100	108%	90% - 110%												
Zr	517	560	108%	90% - 110%												

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag			ICP/MS
Al	MIN-200-12001		ICP/OES
As	MIN-200-12001		ICP/MS
B	MIN-200-12001		ICP/OES
Ba	MIN-200-12001		ICP/OES
Be	MIN-200-12001		ICP/OES
Bi	MIN-200-12001		ICP-MS
Ca	MIN-200-12001		ICP/OES
Cd	MIN-200-12001		ICP-MS
Ce	MIN-200-12001		ICP-MS
Co	MIN-200-12001		ICP/MS
Cr	MIN-200-12001		ICP/OES
Cs	MIN-200-12001		ICP-MS
Cu	MIN-200-12001		ICP/OES
Dy	MIN-200-12001		ICP-MS
Er	MIN-200-12001		ICP-MS
Eu	MIN-200-12001		ICP-MS
Fe	MIN-200-12001		ICP/OES
Ga	MIN-200-12001		ICP-MS
Gd	MIN-200-12001		ICP-MS
Ge	MIN-200-12001		ICP-MS
Hf	MIN-200-12001		ICP-MS
Ho	MIN-200-12001		ICP-MS
In	MIN-200-12001		ICP-MS
K	MIN-200-12001		ICP/OES
La	MIN-200-12001		ICP-MS
Li	MIN-200-12001		ICP/OES
Lu	MIN-200-12001		ICP-MS
Mg	MIN-200-12001		ICP/OES
Mn	MIN-200-12001		ICP/OES
Mo	MIN-200-12001		ICP/MS
Nb	MIN-200-12001		ICP-MS
Nd	MIN-200-12001		ICP-MS
Ni	MIN-200-12001		ICP/OES
P			ICP/OES
Pb	MIN-200-12001		ICP/MS
Pr	MIN-200-12001		ICP-MS
Rb	MIN-200-12001		ICP/MS
S	MIN-200-12001		ICP/OES
Sb	MIN-200-12001		ICP-MS
Sc	MIN-200-12001		ICP/OES
Si	MIN-200-12001		ICP/OES
Sm	MIN-200-12001		ICP-MS
Sn	MIN-200-12001		ICP/MS
Sr	MIN-200-12001		ICP-OES
Ta	MIN-200-12001		ICP-MS
Tb	MIN-200-12001		ICP-MS
Th	MIN-200-12001		ICP-MS

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Method Summary

CLIENT NAME: FIRST COBALT CORP

AGAT WORK ORDER: 18B419026

PROJECT: DDH-258

ATTENTION TO: FRANK SANTAGUIDA

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ti	MIN-200-12001		ICP/OES
Tl	MIN-200-12001		ICP-MS
Tm	MIN-200-12001		ICP-MS
U	MIN-200-12001		ICP-MS
V	MIN-200-12001		ICP/OES
W	MIN-200-12001		ICP-MS
Y	MIN-200-12001		ICP-MS
Yb	MIN-200-12001		ICP-MS
Zn	MIN-200-12001		ICP/OES
Zr	MIN-200-12001		ICP-MS
Pass %			BALANCE

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