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**2018 PROSPECTING REPORT:  
MACMAHON SHOWING AREA, CANADIAN COBALT PROPERTY**

SOUTH LORRAIN TOWNSHIP  
LARDER LAKE MINING DIVISION, ONTARIO, CANADA



**COBALT POWER GROUP INC.**

520-65 QUEEN ST. WEST  
TORONTO, ON  
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December 5<sup>th</sup>, 2019

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## **EXECUTIVE SUMMARY**

The author was requested by Cobalt Power Group Inc. (“CPO”) to complete a technical report for assessment purposes on a prospecting program that covered a portion of their 100% owned Canadian Cobalt Property (“Property”).

The Property, located in Gillies Limit, Best, Lorrain, and South Lorrain Townships, consists of 230 unpatented mining claim cells totaling approximately 4,590.4 ha (Table 1, Figure 1,2). The Property is bounded by UTM NAD83 Z17N coordinates 595425E to 609600E, and 5226950N to 5239975N and is covered by National Topographic System (NTS) map sheet 31M/04 and 31M/05.

During the 2018 Field Season, CPO had contracted six students from Western University to complete prospecting on the company’s extensive land package in the Cobalt and Temagami areas. The author, under the direction of Chris Healy, Vice President of Exploration, completed occasional supervision of the field crews throughout the summer.

Although prospecting was completed a larger portion of CPO’s land package, this report only covers prospecting over the claims covering the MacMahon Showing in the southeast corner of the Property.

The MacMahon showing is described by Todd (1925) as “in the diabase mass to the east and northeast of Lorrain Lake considerable old work is in evidence in the form of trenches and pits. Veins carrying cobalt minerals appear to me more plentiful in this body of diabase than elsewhere in the area, and a description of the deposit on H.R. 616 will serve to illustrate the character of the veins in this vicinity. Near the middle of the west side of the claim, a pit has been sunk in diabase on a narrow aplite dike, which strikes a few degrees north of west. The vein-material consists of calcite and quartz along with aplite, and the whole is impregnated with cobalt and other heavy minerals. Examination of a polished section, together with chemical tests, showed the opaque minerals to consist chiefly of cobaltite, arsenopyrite, and bismuthinite. An analysis of the heavy material, after a partial separation from the gangue was effected, was as follows:

insoluble 13.65%, sulphur 10.48%, arsenic 32.54%, iron 4.85%, cobalt 21.09%, nickel 1.18%, bismuth 6.26%, and zinc 0.09%.”

During August, 2018, field crews hiked into the main showing and another pit located 500 m west of the Montreal River along the same diabase dyke. A total of 10 samples were collected for analysis over a period of 4 days from both locations. Significant Au, Bi, Co, and Ni values were returned from the lab analysis, with the highlight being 1.49% Co from sample E6044678 (Table 2, Figure 4). Sample E6044226, collected 500m west of the Montreal River within an old pit returned 147 ppm Co, which is still considered highly anomalous, however the author seen visible cobalt mineralization in the sample before it was submitted for analysis. Cobalt mineralization was estimated at 1-2%.

The presence of significant cobalt mineralization at two locations approximately 1.5 km apart along the same diabase dyke warrants further prospecting and geological mapping. A trail is recommended to be constructed to allow for easier access for the field programs. Alternatively, a temporary camp could be assembled near the showings along the shoreline of one of the small ponds or off of the Montreal River. A review of the airborne geophysical data collected by CPO is recommended prior to the commencement of further field work.

## **1.0 INTRODUCTION**

The author was requested by Cobalt Power Group Inc. (“CPO”) to complete a technical report for assessment purposes on a prospecting program completed over a portion of their 100% owned Canadian Cobalt Property (“Property”).

In August, 2018, CPO completed a total of 4 days of prospecting in the area of the historical MacMahon Showing. Geological students Mailyng Aviles, Lindsay Blythe, Remy Klick, Tayler Nichol, and Tyler Travis were tasked with locating the historical showings, sampling them, and prospecting the surrounding area. The author joined the students for one day. Significant gold, bismuth, cobalt, and nickel values were obtained from the sampling. Numerous shallow but extensive trenches and other pits were observed around the main showing at MacMahon.

## **2.0 PROPERTY DETAILS**

### **2.1 Location and Access**

The Property is located in Gillies Limit, Best, Lorrain, and South Lorrain Townships, Ontario (Figure 1). The Property is accessed through the Roosevelt Road, located 10 km north of the town of Temagami. Numerous old logging roads and trails branching off of the Roosevelt Road provide access to the Property by pick up truck or atv. Access to the MacMahon area is provided by an overgrown logging road that turns southeast off of the Roosevelt Road at UTM 603050E/5230500N. At the end of this overgrown road/trail (606535E/5229865N), a flagged trail is followed for approximately 2 km to the main showing. Alternatively, the Montreal River also provides boat access off of the Hound Chutes Road located south of Cobalt, Ontario.

## 2.2 Topography and Vegetation

The topography of the Property is characterized by rolling hills and flat areas separated by broad swamp areas and lakes. Topographic relief is less than 50 metres in hilly areas where outcrop exposure is up to 10%. The mean elevation of the property is approximately 350 m above sea level. Forest cover is a combination of poplar, birch, jack pine, white pine, red pine, and cedar. Abundant water resources are present in the ponds surrounding the main showing.

## 2.3 Claims

The Property is bounded by UTM NAD83 Z17N coordinates 595425E to 609600E, and 5226950N to 5239975N and is covered by National Topographic System (NTS) map sheet 31M/04 and 31M/05. The Property consists of 230 unpatented mining claim cells totaling approximately 4,590.4 ha (Table 1, Figure 2).



Figure 1: Location of the Canadian Cobalt Property, Ontario

Table 1: Claim Details of the Canadian Cobalt Property

Township / Area	Tenure ID	Anniversary Date	Work Required (\$)	Work Applied (\$)	Total Reserve (\$)
GILLIES LIMIT, LORRAIN	100386	2020-07-31	200	200	0
SOUTH LORRAIN	104771	2019-12-23	200	210	0
GILLIES LIMIT	104889	2020-09-08	400	400	0
GILLIES LIMIT	112302	2020-10-26	400	400	0
GILLIES LIMIT	112322	2020-10-26	400	400	0
SOUTH LORRAIN	112964	2019-12-23	200	210	0
GILLIES LIMIT	115621	2020-09-13	400	400	0
GILLIES LIMIT	115622	2020-07-31	400	400	0
GILLIES LIMIT	115830	2020-07-31	400	400	0
GILLIES LIMIT	117946	2020-09-08	400	400	0
SOUTH LORRAIN	118432	2019-12-23	200	210	0
SOUTH LORRAIN	118433	2019-12-23	400	420	0
SOUTH LORRAIN	119550	2019-12-23	400	420	0
GILLIES LIMIT	124973	2020-07-31	400	400	0
GILLIES LIMIT	124974	2020-09-08	400	400	0
SOUTH LORRAIN	125028	2019-12-23	400	420	0
GILLIES LIMIT	126224	2020-07-31	400	400	0
SOUTH LORRAIN	127906	2019-12-23	200	210	0
GILLIES LIMIT	127962	2020-10-26	200	200	0
GILLIES LIMIT	128207	2020-07-31	400	400	0
SOUTH LORRAIN	128439	2019-12-23	400	420	0
SOUTH LORRAIN	128440	2019-12-23	400	420	0
GILLIES LIMIT	129969	2020-10-26	200	200	0
GILLIES LIMIT	130809	2020-10-26	400	400	0
GILLIES LIMIT	137093	2020-09-13	400	400	187
SOUTH LORRAIN	137103	2019-12-23	400	420	0
GILLIES LIMIT	137940	2020-09-13	200	200	0
SOUTH LORRAIN	139370	2019-12-23	400	420	0
SOUTH LORRAIN	139371	2019-12-23	400	420	0
GILLIES LIMIT	139997	2020-09-13	400	400	0
GILLIES LIMIT	139998	2020-09-08	400	400	0
GILLIES LIMIT	140624	2020-09-13	400	400	0
GILLIES LIMIT	141463	2020-09-13	400	400	0
GILLIES LIMIT	142742	2020-07-31	400	400	0
GILLIES LIMIT	142743	2020-07-31	400	400	0
GILLIES LIMIT	143148	2020-09-13	400	400	0
GILLIES LIMIT	143160	2020-09-13	400	400	0



GILLIES LIMIT	143896	2020-09-13	400	400	0
GILLIES LIMIT	146578	2020-09-13	400	400	0
GILLIES LIMIT	149205	2020-09-13	400	400	0
GILLIES LIMIT	149206	2020-09-08	400	400	0
SOUTH LORRAIN	150309	2019-12-23	400	420	0
SOUTH LORRAIN	153025	2019-12-23	200	210	0
LORRAIN,SOUTH LORRAIN	153663	2020-06-13	200	200	0
SOUTH LORRAIN	154746	2019-12-23	200	210	0
SOUTH LORRAIN	156385	2019-12-23	400	420	0
GILLIES LIMIT	157284	2020-10-26	200	200	0
GILLIES LIMIT,LORRAIN	157502	2020-07-31	200	200	0
GILLIES LIMIT	157961	2020-09-13	400	400	0
GILLIES LIMIT	157962	2020-09-13	400	400	0
SOUTH LORRAIN	162466	2019-12-23	400	420	0
SOUTH LORRAIN	162467	2019-12-23	400	420	0
SOUTH LORRAIN	162468	2019-12-23	400	420	0
GILLIES LIMIT	162769	2020-09-13	400	400	0
GILLIES LIMIT	163500	2020-07-31	400	400	0
GILLIES LIMIT	163869	2020-10-26	200	200	0
GILLIES LIMIT	163870	2020-10-26	200	200	0
GILLIES LIMIT	165452	2020-09-13	400	400	0
GILLIES LIMIT	167869	2020-09-08	400	400	0
GILLIES LIMIT	167870	2020-09-08	400	400	0
SOUTH LORRAIN	169659	2019-12-23	200	210	0
GILLIES LIMIT	170805	2020-09-13	400	400	0
GILLIES LIMIT	170806	2020-09-13	400	400	0
GILLIES LIMIT	170807	2020-07-31	400	400	0
GILLIES LIMIT	171926	2020-10-26	200	200	0
SOUTH LORRAIN	173803	2019-12-23	400	420	0
GILLIES LIMIT	174699	2020-10-26	400	400	0
GILLIES LIMIT	174700	2020-09-08	400	400	0
GILLIES LIMIT	182301	2020-10-26	200	200	0
GILLIES LIMIT	182302	2020-09-13	200	200	0
SOUTH LORRAIN	182456	2019-12-23	400	420	0
SOUTH LORRAIN	182457	2019-12-23	400	420	0
SOUTH LORRAIN	182458	2019-12-23	200	209	0
SOUTH LORRAIN	186276	2019-12-23	400	420	0
SOUTH LORRAIN	186277	2019-12-23	400	420	0
SOUTH LORRAIN	188402	2019-12-23	400	420	0
LORRAIN,SOUTH LORRAIN	188553	2020-06-13	400	400	0
GILLIES LIMIT	190269	2020-09-13	400	400	0

SOUTH LORRAIN	191850	2019-12-23	400	420	0
GILLIES LIMIT	191952	2020-10-26	200	200	0
SOUTH LORRAIN	196999	2019-12-23	400	420	0
SOUTH LORRAIN	198435	2019-12-23	400	420	0
SOUTH LORRAIN	199892	2019-12-23	200	209	0
GILLIES LIMIT	200086	2020-09-08	400	400	0
GILLIES LIMIT	201919	2020-10-26	200	200	0
GILLIES LIMIT	201920	2020-10-26	400	400	0
GILLIES LIMIT	202435	2020-09-13	200	200	0
GILLIES LIMIT	202592	2020-09-13	400	400	0
GILLIES LIMIT	205308	2020-09-13	400	400	0
SOUTH LORRAIN	207392	2019-12-23	200	209	0
SOUTH LORRAIN	207393	2019-12-23	400	420	0
SOUTH LORRAIN	207617	2019-12-23	200	209	0
SOUTH LORRAIN	208599	2019-12-23	400	420	0
GILLIES LIMIT	208812	2020-07-31	400	400	0
GILLIES LIMIT	208813	2020-07-31	400	400	0
GILLIES LIMIT	208815	2020-07-31	200	200	32
GILLIES LIMIT	209761	2020-09-13	400	400	0
GILLIES LIMIT	209946	2020-10-26	400	400	0
GILLIES LIMIT	209947	2020-10-26	400	400	0
GILLIES LIMIT	210887	2020-07-31	400	400	0
GILLIES LIMIT	217807	2020-09-08	200	200	171
SOUTH LORRAIN	219796	2019-12-23	200	209	0
SOUTH LORRAIN	219797	2019-12-23	200	209	0
GILLIES LIMIT	220887	2020-07-31	400	400	0
GILLIES LIMIT	220964	2020-07-31	400	400	0
GILLIES LIMIT	225761	2020-09-08	400	400	0
GILLIES LIMIT	225762	2020-09-08	400	400	0
GILLIES LIMIT	225763	2020-09-08	400	400	0
GILLIES LIMIT	226973	2020-07-31	400	400	0
SOUTH LORRAIN	227740	2019-12-23	200	209	0
GILLIES LIMIT	228243	2020-07-31	400	400	0
GILLIES LIMIT	229263	2020-09-08	400	400	1
GILLIES LIMIT	230658	2020-10-26	200	200	0
GILLIES LIMIT	230659	2020-10-26	400	400	0
SOUTH LORRAIN	236482	2019-12-23	400	420	0
GILLIES LIMIT	238394	2020-09-13	200	200	0
GILLIES LIMIT	238544	2020-10-26	200	200	0
GILLIES LIMIT	241353	2020-10-26	200	200	0
GILLIES LIMIT	241434	2020-09-08	400	400	0

GILLIES LIMIT	241435	2020-09-08	200	200	172
GILLIES LIMIT	242795	2020-10-26	200	200	0
GILLIES LIMIT	242796	2020-10-26	400	400	0
GILLIES LIMIT	242797	2020-10-26	400	400	0
GILLIES LIMIT	245012	2020-09-08	400	400	0
SOUTH LORRAIN	245536	2019-12-23	400	420	0
SOUTH LORRAIN	248096	2019-12-23	400	420	0
SOUTH LORRAIN	248097	2019-12-23	400	420	0
GILLIES LIMIT	248147	2020-10-26	400	400	0
GILLIES LIMIT	248745	2020-09-08	400	400	0
GILLIES LIMIT	250143	2020-10-26	200	200	0
GILLIES LIMIT	250144	2020-10-26	200	200	0
GILLIES LIMIT	250145	2020-10-26	400	400	0
SOUTH LORRAIN	253613	2019-12-23	400	420	0
SOUTH LORRAIN	253614	2019-12-23	400	420	0
SOUTH LORRAIN	253615	2019-12-23	400	420	0
SOUTH LORRAIN	255929	2019-12-23	400	420	0
GILLIES LIMIT	256552	2020-10-26	200	200	0
GILLIES LIMIT	257450	2020-10-26	200	200	0
GILLIES LIMIT	258129	2020-09-13	400	400	0
GILLIES LIMIT	258130	2020-09-13	200	200	0
SOUTH LORRAIN	258433	2019-12-23	400	420	0
GILLIES LIMIT	260752	2020-09-13	400	400	0
GILLIES LIMIT	264571	2020-09-08	400	400	0
SOUTH LORRAIN	265570	2019-12-23	400	420	0
SOUTH LORRAIN	265571	2019-12-23	400	420	0
SOUTH LORRAIN	266639	2019-12-23	400	420	0
GILLIES LIMIT	266695	2020-07-31	400	400	0
GILLIES LIMIT	266696	2020-07-31	400	400	0
GILLIES LIMIT	266697	2020-07-31	400	400	0
SOUTH LORRAIN	266972	2019-12-23	400	420	0
SOUTH LORRAIN	267348	2019-12-23	400	420	0
GILLIES LIMIT	267404	2020-07-31	400	400	0
GILLIES LIMIT	267405	2020-07-31	400	400	0
GILLIES LIMIT	267477	2020-07-31	400	400	0
GILLIES LIMIT	271303	2020-09-08	400	400	0
GILLIES LIMIT	272993	2020-09-08	400	400	0
SOUTH LORRAIN	273023	2019-12-23	400	420	0
SOUTH LORRAIN	273024	2019-12-23	400	420	0
SOUTH LORRAIN	273907	2019-12-23	200	209	0
GILLIES LIMIT	274119	2020-07-31	400	400	0

LORRAIN,SOUTH LORRAIN	274280	2020-06-13	400	400	0
SOUTH LORRAIN	274961	2019-12-23	400	420	0
GILLIES LIMIT	275414	2020-07-31	400	400	0
GILLIES LIMIT	275415	2020-07-31	400	400	0
GILLIES LIMIT	275892	2020-10-26	400	400	0
GILLIES LIMIT	275893	2020-10-26	200	200	0
SOUTH LORRAIN	276950	2019-12-23	400	420	0
GILLIES LIMIT	277398	2020-07-31	400	400	0
GILLIES LIMIT	278674	2020-10-26	400	400	0
GILLIES LIMIT	278675	2020-10-26	400	400	0
GILLIES LIMIT	278933	2020-07-31	400	400	0
SOUTH LORRAIN	282782	2019-12-23	400	420	0
GILLIES LIMIT	285073	2020-09-08	400	400	0
SOUTH LORRAIN	285617	2019-12-23	400	420	0
SOUTH LORRAIN	285618	2019-12-23	400	420	0
LORRAIN,SOUTH LORRAIN	286374	2020-06-13	400	400	0
SOUTH LORRAIN	289595	2019-12-23	400	420	0
GILLIES LIMIT	292397	2020-09-08	200	200	172
GILLIES LIMIT	292398	2020-09-08	200	200	172
SOUTH LORRAIN	292425	2019-12-23	400	420	0
LORRAIN,SOUTH LORRAIN	293059	2020-06-13	400	400	0
GILLIES LIMIT	294222	2020-07-31	400	400	0
SOUTH LORRAIN	295825	2019-12-23	400	420	0
SOUTH LORRAIN	295843	2019-12-23	400	420	0
GILLIES LIMIT	295886	2020-10-26	200	200	0
GILLIES LIMIT	295887	2020-10-26	400	400	0
GILLIES LIMIT	295973	2020-09-08	400	400	0
GILLIES LIMIT	296239	2020-07-31	400	400	0
GILLIES LIMIT	296240	2020-07-31	400	400	0
GILLIES LIMIT	297867	2020-10-26	200	200	0
GILLIES LIMIT	301179	2020-09-08	400	400	0
GILLIES LIMIT	302580	2020-07-31	400	400	0
SOUTH LORRAIN	304419	2019-12-23	400	420	0
GILLIES LIMIT	305214	2020-10-26	200	200	0
GILLIES LIMIT	307997	2020-10-26	400	400	0
GILLIES LIMIT	308090	2020-09-08	400	400	0
GILLIES LIMIT	310797	2020-07-31	400	400	0
GILLIES LIMIT	310798	2020-07-31	400	400	0
GILLIES LIMIT	310799	2020-07-31	400	400	0
GILLIES LIMIT	312451	2020-09-13	400	400	0
GILLIES LIMIT,LORRAIN	313991	2020-07-31	200	200	0

GILLIES LIMIT	313992	2020-07-31	400	400	0
GILLIES LIMIT	316064	2020-10-26	400	400	0
SOUTH LORRAIN	321656	2019-12-23	400	420	0
SOUTH LORRAIN	322744	2019-12-23	400	420	0
GILLIES LIMIT	322845	2020-09-08	400	400	0
GILLIES LIMIT	323527	2020-07-31	400	400	0
GILLIES LIMIT	323528	2020-07-31	200	200	154
SOUTH LORRAIN	323910	2019-12-23	400	420	0
GILLIES LIMIT	324741	2020-10-26	400	400	0
SOUTH LORRAIN	325116	2019-12-23	200	209	0
GILLIES LIMIT	325927	2020-09-13	200	200	0
GILLIES LIMIT	331234	2020-09-08	400	400	0
GILLIES LIMIT	332754	2020-09-13	400	400	0
GILLIES LIMIT	332755	2020-09-08	400	400	0
GILLIES LIMIT	334650	2020-10-26	400	400	0
SOUTH LORRAIN	335380	2019-12-23	200	209	0
SOUTH LORRAIN	335381	2019-12-23	200	209	0
SOUTH LORRAIN	335568	2019-12-23	400	420	0
GILLIES LIMIT	335624	2020-10-26	400	400	0
GILLIES LIMIT	336216	2020-09-13	400	400	0
SOUTH LORRAIN	337383	2019-12-23	400	420	0
GILLIES LIMIT	337607	2020-10-26	400	400	0
GILLIES LIMIT	344443	2020-09-13	200	200	0
GILLIES LIMIT	344444	2020-09-13	200	200	0
LORRAIN,SOUTH LORRAIN	345306	2020-06-13	400	429	0

### **3.0 PREVIOUS WORK**

#### *MacMahon Area*

**<1925:** Pitting and trenching was completed on several patents (Todd, 1925).

**1967:** J.E. MacMahon held the patents that overlay the main showing (McIlwaine, 1970).

**1997:** Isometric Mineral Corp. completed line cutting, induced polarization (IP), and magnetometer surveys south of the main showing.

### **4.0 GEOLOGY**

#### **4.1 Property Geology (MacMahon Area)**

The MacMahon area lies near the middle of a fairly large Huronian (Proterozoic) basin. It is almost entirely underlain by the Lorrain Formation, which consist of feldspathic quartzites. A north-east trending Nipissing gabbro dyke passes through the claims. Quartz, calcite, and aplite veins, carrying significant cobalt, nickel, copper, and bismuth mineralization, are present in two areas along the dyke. Figure 3 displays the geology of the MacMahon area, southeast corner of the Canadian Cobalt Property.

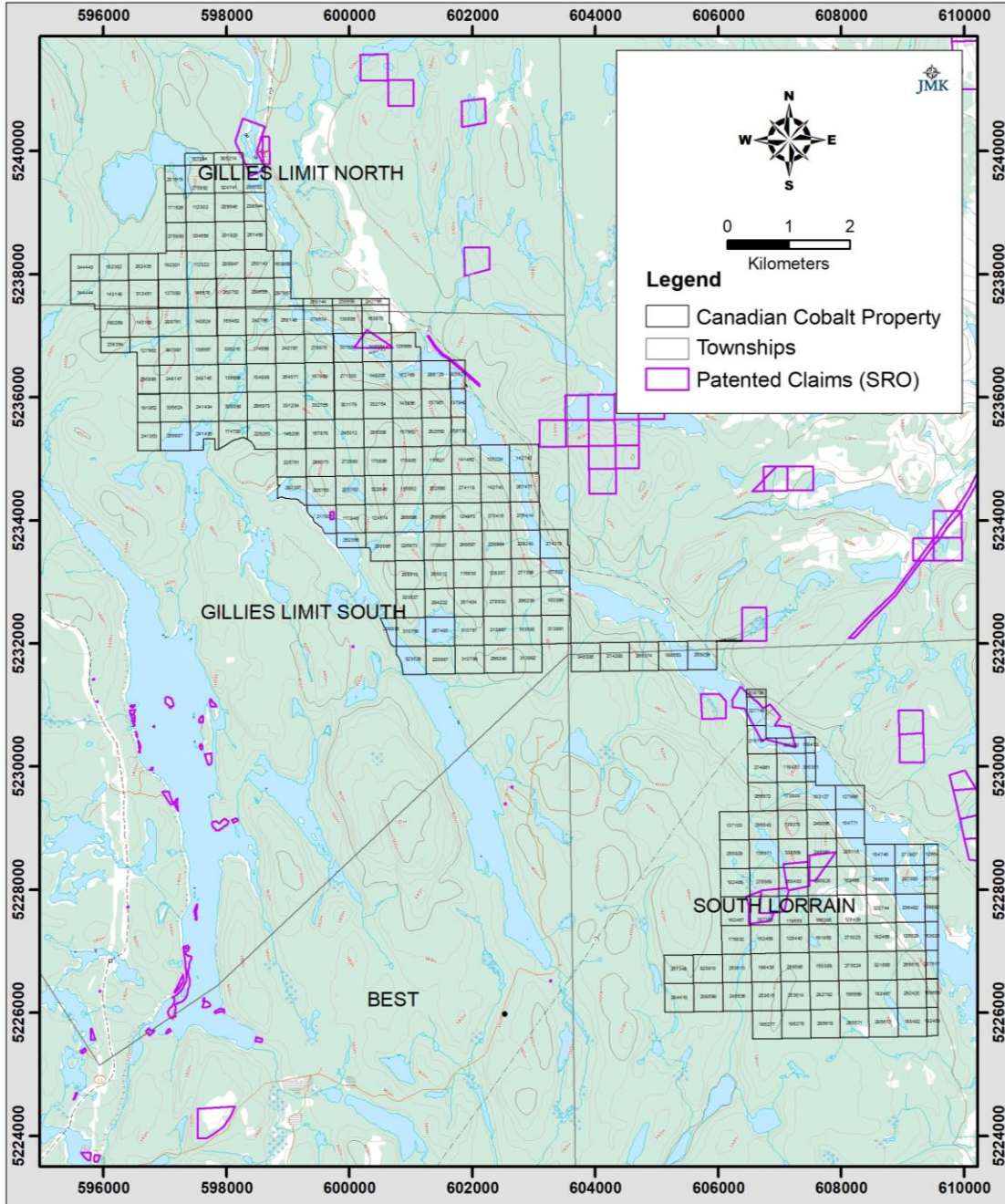


Figure 2: Tenure of the Canadian Cobalt Property.



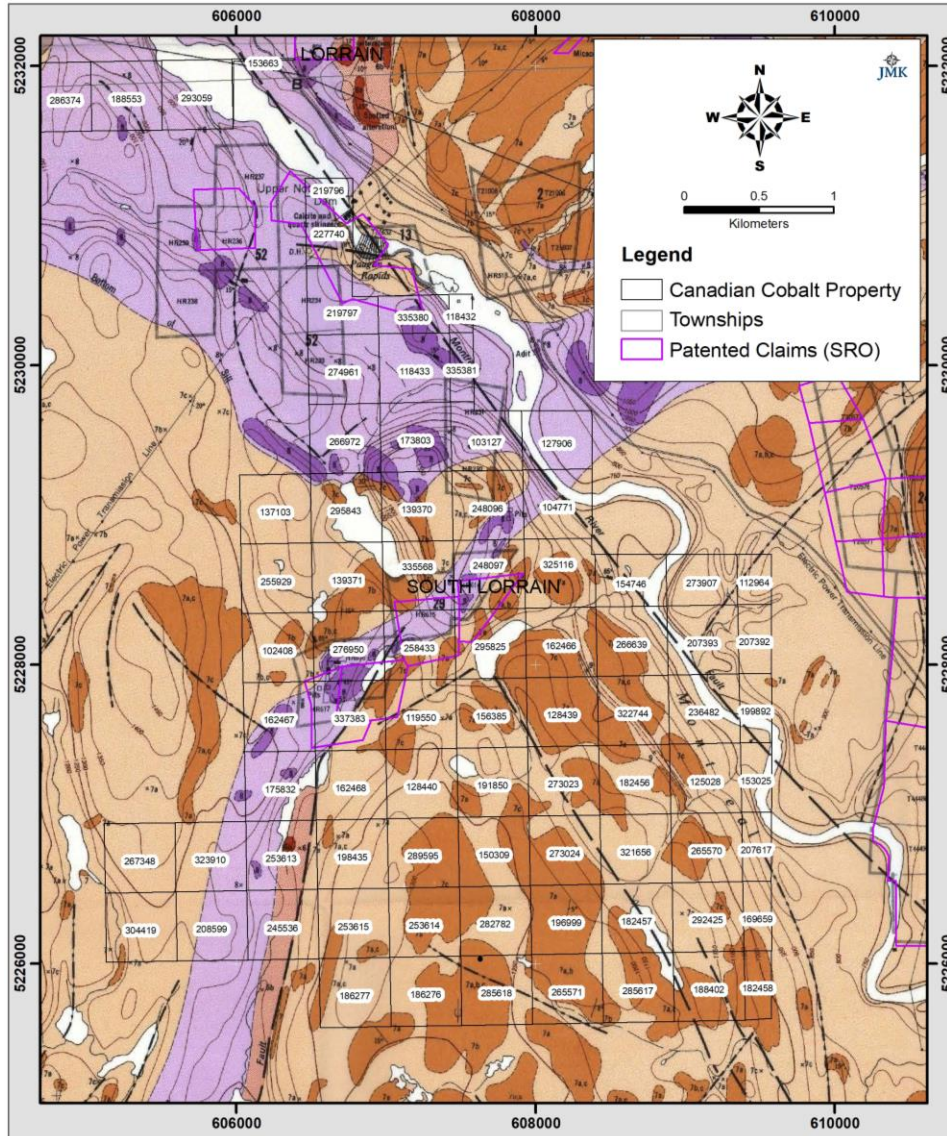


Figure 3: Property Geology, MacMahon Area (after McIlwaine, 1970).



## 5.0 2018 PROSPECTING PROGRAM

### 5.1 Description of Work

During August, 2018, field crews hiked into the main showing and another pit located 500 m west of the Montreal River along the same northeast trending gabbro dyke (Nipissing diabase). A total of 10 samples were collected for analysis over a period of 4 days from both locations (Figures 4 and 5). Significant Au, Bi, Co, and Ni values were returned from the lab analysis, with the highlight being 1.49% Co from sample E6044678 (Table 2). Sample E6044226, collected 500m west of the Montreal River within an old pit returned 147 ppm Co, which is still considered highly anomalous, however the author seen visible cobalt mineralization in the sample before it was submitted for analysis. Cobalt mineralization was estimated at 1-2%.

Sample descriptions can be found in Appendix II, and assay certificates are provided in Appendix III. Pictures of the samples are provided in Appendix IV, and the daily logs can be found in Appendix V. Map 1, located in the back pocket, provides the traverses.

Table 2: Sample Results from the MacMahon Area.

Sample	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Ni (ppm)	Zn (ppm)
E6044226	0.002	1.13	1070	10.7	147	8.1	35.9	49.5
E6043627	0.4	0.12	6590	164	2290	8.8	1640	9.5
E6043628	0.02	0.2	1170	6.15	1080	2	182	14.8
E6043629	0.295	0.14	6600	64	3600	<0.5	949	20.9
E6044225	0.069	0.39	3650	10.9	3160	1.5	403	27.3
E6044677	0.007	0.01	92.7	3.08	76	5.1	97.4	62.8
E6044678	0.021	0.18	19800	104	14900	<0.5	1530	67.5
E6044679	0.006	0.02	463	11.5	330	108	185	70.5
E6044730	0.101	0.1	2140	132	609	118	2000	33.7
E6044731	0.16	0.21	4130	64.5	1100	1	5060	24.3

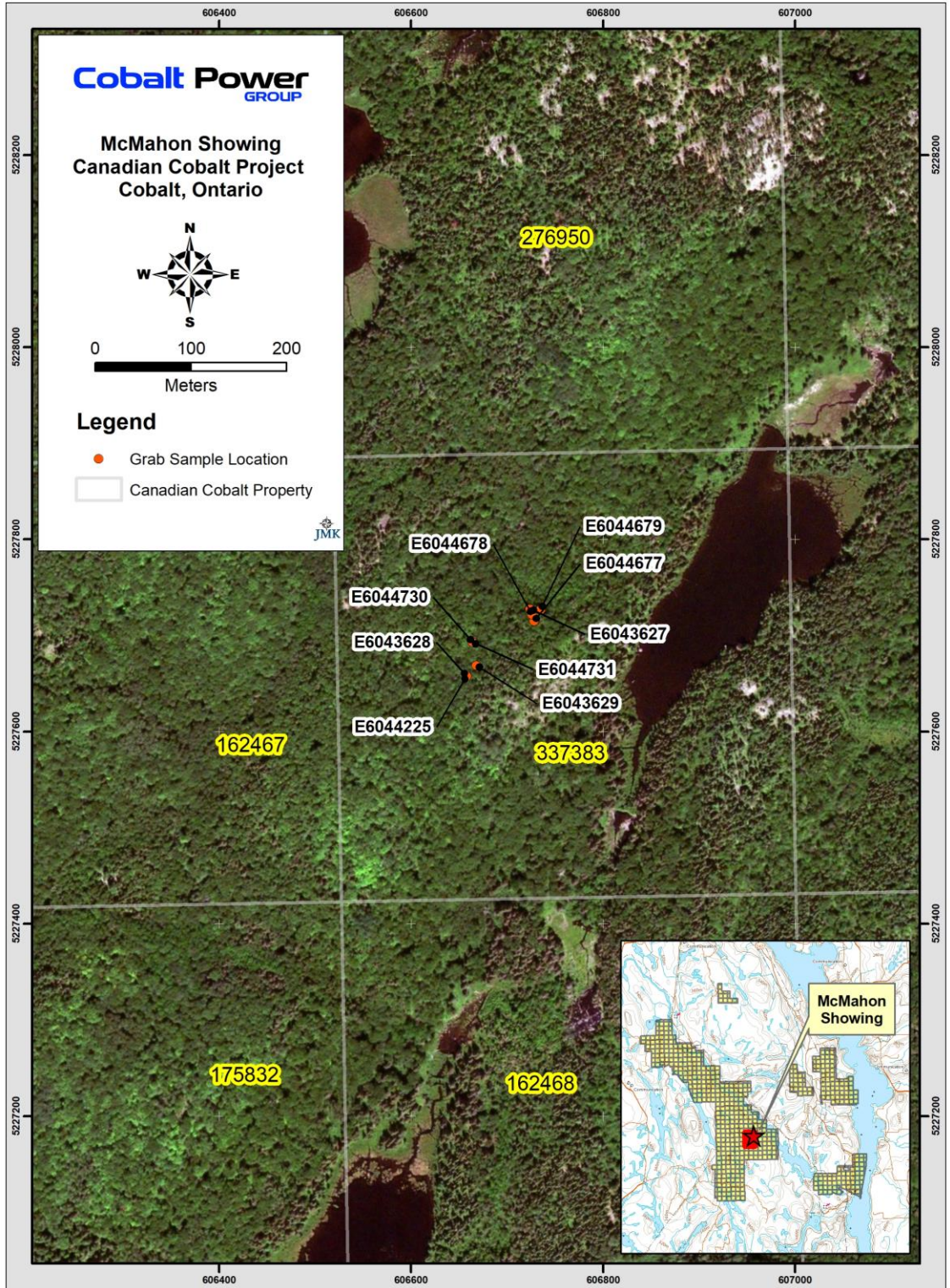


Figure 4: Sample Locations, MacMahon Showing.



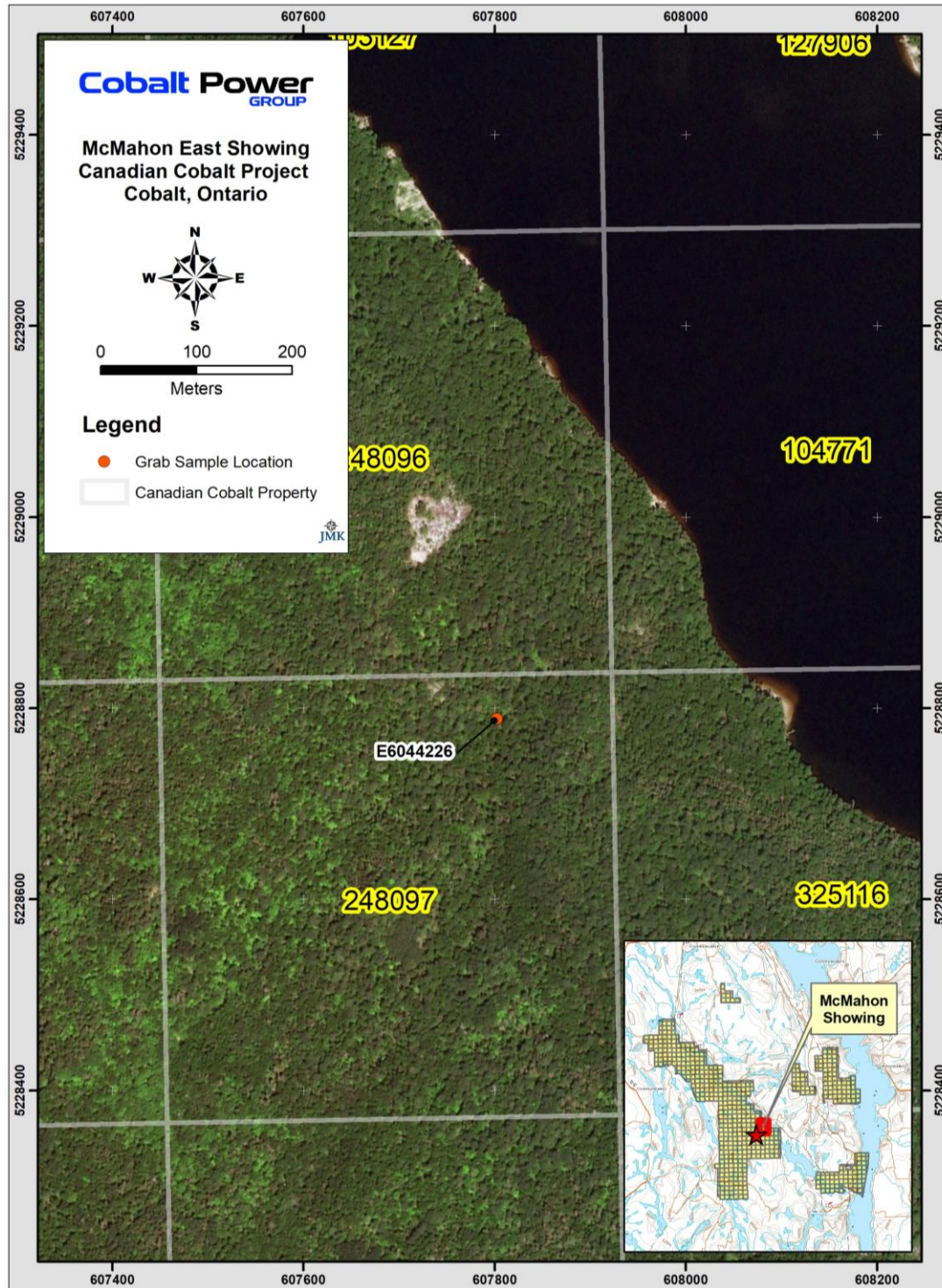


Figure 5: Sample Location, East of the MacMahon Showing.

## **6.0 CONCLUSIONS & RECOMMENDATIONS**

The presence of significant cobalt mineralization at two locations approximately 1.5 km apart along the same gabbro dyke (Nipissing Diabase) warrants further prospecting and geological mapping. A trail is recommended to be constructed to allow for easier access for the field programs. Alternatively, a temporary camp could be assembled near the showings along the shoreline of one of the small ponds or off of the Montreal River. A review of the airborne geophysical data collected by CPO is recommended prior to the commencement of further field work, specifically the electromagnetic (VLF) data that may identify favourable basement geology that is associated with a number of the overlying Co-As veins in the Cobalt Camp.

## **8.0 REFERENCES**

McIlwaine, W.H. 1970. Geology of South Lorrain Township, Geological Report 83; Ontario Department of Mines and Northern Affairs; Including Map 2194;

Ministry of Northern Development and Mines; Geology of Ontario, Assessment File Research Information (AFRI) found at [www.geologyontario.mndm.gov.on.ca](http://www.geologyontario.mndm.gov.on.ca)

Todd, E.W. 1925. The Matibichau Area (Districts of Timiskaming and Nipissing), Ontario Department of Mines, Vol 34. Pt. 3. 34 p., accompanied by Map 34b, scale 1 inch to 1 mile.

**Appendix I**  
**Statement of Qualifications**

## Statement of Qualifications

I, Joerg Martin Kleinboeck of 147 Lakeside Drive, North Bay, Ontario, do hereby certify that:

I am a graduate of Laurentian University, Sudbury, Ontario with a B.Sc. Geology, 2000, and have been practising my profession as a geologist since.

I am a member with the Association of Professional Geoscientists of Ontario (#1411).

I am a member of the Prospectors & Developers Association of Canada (PDAC).

I hold no interests in the securities of Cobalt Power Group Inc.



Joerg Martin Kleinboeck  
JMK Exploration Consulting  
December 5<sup>th</sup>, 2019  
North Bay, Ontario

## **Appendix II**

### **Sample Descriptions**



Samplers	Date	Sample	Easting	Northing	Rock Type	Texture	Structure	Alteration	Mineralization	Comments
MA, TT, LB, TN, RK	9/8/2018	E6044730	606664	5227693	Nip. Diabase	fg			vibrant cobalt bloom amongst host rock	2m x 4m pit with trc diss pyrite, cobalt bloom, covered with water and trees
MA, TT, LB, TN, RK	9/8/2018	E6044731	606664	5227693	Nip. Diabase	fg			vibrant cobalt bloom amongst host rock	2m x 4m pit with trc diss pyrite, cobalt bloom, covered with water and trees
MA, TT, LB, TN, RK	9/8/2018		606671	5227678	Nip. Diabase	fg			no vis min	
MA, TT, LB, TN, RK	9/8/2018		606728	5227726	Nip. Diabase	fg				
TN	14/8/2018		606728	5227715	Nip. Diabase	mg	QV	high K-SPAR	no visible mineralization	set of vertical veins (~90 deg dip) 1mm to 2cm in width that extend the height of the outcrop wall of the pit; strike 66 deg; one looks like it was possibly stripped out
TN	14/8/2018	E6044677	606728	5227715	Nip. Diabase	mg	QV	high K-SPAR	no visible mineralization	set of horizontal veins (dip ~0 deg) from 1mm to 1cm in width; continues at least 1m along the outcrop wall of the pit at a height of approx 3-4m; shows what might be orange rust
TN	14/8/2018	E6044678	606726	5227722	Nip. Diabase	mg			erythrite (cobalt bloom), silvery mineral	float on the edge of the pit
TN	14/8/2018	E6044679	606735	5227727	Nip. Diabase	mg		PYR	wall rock 3m from the base of the pit	
MA, TT, LB, TN, RK	14/8/2018	E6043627	606724	5227728	Nip. Diabase	fg	QCV		cobalt bloom on wall rock	
MA, TT, LB, TN, RK	14/8/2018	E6043628	606658	5227658	Nip. Diabase	fg			cobalt bloom on wall rock trending at 050	
MA, TT, LB, TN, RK	14/8/2018	E6044225	606658	5227658	Nip. Diabase	fg			cobalt bloom on wall rock trending at 050	
JMK, TN	18/8/2018	E6043629	606668	5227669	Nip. Diabase	fg	QCV		no vis min	pit 3x4m along edge of outcrop; sampled 1 cm QCV w/vuggy quartz, pit had trenches extending along the outcrop on either side
LB & TT	18/8/2018		606879	5227822	Nip. Diabase	fg				1m x 10m trench sunk in with no visible mineralization
LB & TT	18/8/2018		607028	5227894	Nip. Diabase	mg-fg				diabase outcrop near lake

LB & TT	18/8/2018		607106	5228020	Nip. Diabase	fg				1.5m x 5m trench connecting to a 2m x 2m pit with no visible mineralization - part of a large pit+trench complex
LB & TT	18/8/2018		607138	5228023	Nip. Diabase	fg				1.5m x 1.5m pit with no visible mineralization near the swamp - part of a large pit+trench complex
LB & TT	18/8/2018		607463	5228182	Nip. Diabase	mg				diabase outcrop with no structures or mineralization - potential route point for accessing northern pits
RK & TN	22/8/2018	E6044226	607802	5228789	Nip. Diabase	mg-fg			cobaltite, erythrite	4mx2m, 4m deep pit with no veining but some small (<1cm diameter) cobalt bloom on rubble and a silvery mineral in the wall rock that may be cobaltite
RK & TN	22/8/2018		607794	5228781	Nip. Diabase	mg				trench off of pit 568 trending ~150deg, ~15m long
RK & TN	22/8/2018		607828	5228799	Nip. Diabase	mg			trc sulphides	2mx4m, 4m deep pit (widest at 193deg); trace sulphides at edge of pit
RK & TN	22/8/2018		607814	5228797	Nip. Diabase	mg				trench off of pit 570 trending ~166deg, ~30m long
RK & TN	22/8/2018		607830	5228758	Nip. Diabase	mg				possible trench filled with rubble at end of trench 571; ~7deg, 10m long
LB & TT	22/8/2018		607759	5228709	Nip. Diabase	mg				trench sunk into diabase
LB & TT	22/8/2018		607788	5228789	Nip. Diabase	mg				2m x 3m pit near cliff
LB & TT	22/8/2018		607811	5228803	Nip. Diabase	mg				2m x 2m pit near cliff with nearby trenches
LB & TT	22/8/2018		607655	5228497	Nip. Diabase	mg				diabase outcrop
LB & TT	22/8/2018		607845	5228755	Nip. Diabase	mg				diabase outcrop
LB & TT	22/8/2018		607581	5228324	Nip. Diabase	mg				potential pit at bottom of cliffside? appears to be a small abandoned pit likely used to see if the nearby veining/fracture infilling continued

**Appendix III**  
**Assay Certificates**



CLIENT NAME: COBALT POWER GROUP INC  
520-65 Queen Street West  
TORONTO, ON M5H 2M5

ATTENTION TO: Chris Healey

PROJECT: Canadian Cobalt

AGAT WORK ORDER: 18T381167

SOLID ANALYSIS REVIEWED BY: Adel Mina, Mining Chief Chemist

DATE REPORTED: Sep 14, 2018

PAGES (INCLUDING COVER): 9

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.



# Certificate of Analysis

AGAT WORK ORDER: 18T381167

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

## (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2018

DATE RECEIVED: Sep 04, 2018

DATE REPORTED: Sep 14, 2018

SAMPLE TYPE: Rock

Analyte: Sample Login Weight

Unit: kg

Sample ID (AGAT ID) RDL: 0.01

E6044226 (9520697) 2.0472

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 18T381167

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

### (201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 03, 2018	DATE RECEIVED: Sep 04, 2018						DATE REPORTED: Sep 14, 2018						SAMPLE TYPE: Rock		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.5	0.01
E6044226 (9520697)		1.13	6.22	1070	325	1.87	10.7	1.89	0.04	46.8	147	28.8	1.83	8.1	10.7
Analyte:	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.5	10
E6044226 (9520697)		22.1	<0.05	5.1	0.203	1.05	22.8	23.4	1.28	1050	4.43	2.99	8.0	35.9	774
Analyte:	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01	0.01
E6044226 (9520697)		4.3	40.4	<0.002	0.04	2.03	32.8	1.3	1.2	98.6	0.77	0.02	7.1	0.81	0.23
Analyte:	U	V	W	Y	Zn	Zr									
Unit:	ppm	ppm	ppm	ppm	ppm	ppm									
Sample ID (AGAT ID)	RDL:	0.005	0.5	0.1	0.1	0.5									
E6044226 (9520697)		2.20	80.7	0.5	37.7	49.5									

Comments: RDL - Reported Detection Limit  
9520697 As, Sb values may be low due to digestion losses.

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 18T381167

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

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

DATE SAMPLED: Sep 03, 2018

DATE RECEIVED: Sep 04, 2018

DATE REPORTED: Sep 14, 2018

SAMPLE TYPE: Rock

Analyte: Au

Unit: ppm

Sample ID (AGAT ID) RDL: 0.001

E6044226 (9520697) 0.002

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	9520697	1.13	1.17	3.5%														
Al	9520697	6.22	5.95	4.4%														
As	9520697	1070	1050	1.9%														
Ba	9520697	325	318	2.2%														
Be	9520697	1.87	1.90	1.6%														
Bi	9520697	10.7	10.3	3.8%														
Ca	9520697	1.89	1.81	4.3%														
Cd	9520697	0.04	0.04	0.0%														
Ce	9520697	46.8	45.7	2.4%														
Co	9520697	147	149	1.4%														
Cr	9520697	28.8	33.0	13.6%														
Cs	9520697	1.83	1.82	0.5%														
Cu	9520697	8.1	7.3	10.4%														
Fe	9520697	10.7	10.3	3.8%														
Ga	9520697	22.1	22.9	3.6%														
Ge	9520697	< 0.05	< 0.05	0.0%														
Hf	9520697	5.1	5.2	1.9%														
In	9520697	0.203	0.203	0.0%														
K	9520697	1.05	1.04	1.0%														
La	9520697	22.8	22.1	3.1%														
Li	9520697	23.4	23.6	0.9%														
Mg	9520697	1.28	1.23	4.0%														
Mn	9520697	1050	1010	3.9%														
Mo	9520697	4.43	4.52	2.0%														
Na	9520697	2.99	2.85	4.8%														
Nb	9520697	7.97	7.72	3.2%														
Ni	9520697	35.9	37.9	5.4%														
P	9520697	774	805	3.9%														
Pb	9520697	4.29	4.58	6.5%														
Rb	9520697	40.4	41.3	2.2%														
Re	9520697	< 0.002	< 0.002	0.0%														





CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

S	9520697	0.04	0.04	0.0%													
Sb	9520697	2.03	2.01	1.0%													
Sc	9520697	32.8	34.1	3.9%													
Se	9520697	1.3	1.6	20.7%													
Sn	9520697	1.2	1.2	0.0%													
Sr	9520697	98.6	97.0	1.6%													
Ta	9520697	0.765	0.739	3.5%													
Te	9520697	0.017	0.015	12.5%													
Th	9520697	7.1	7.1	0.0%													
Ti	9520697	0.812	0.782	3.8%													
Tl	9520697	0.227	0.222	2.2%													
U	9520697	2.20	2.15	2.3%													
V	9520697	80.7	86.2	6.6%													
W	9520697	0.5	0.5	0.0%													
Y	9520697	37.7	38.0	0.8%													
Zn	9520697	49.5	49.5	0.0%													
Zr	9520697	179	187	4.4%													

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

		REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD													
Au	9520697	0.002	< 0.001														



CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.SY-4)															
	Expect	Actual	Recovery	Limits												
Al	10.95	10.69	98%	90% - 110%												
Ba	340	372	110%	90% - 110%												
Ca	5.72	5.64	99%	90% - 110%												
Ce	122	134	110%	90% - 110%												
Co	2.8	3.1	109%	90% - 110%												
Cs	1.5	1.8	121%	90% - 110%												
Cu	7	6	91%	90% - 110%												
Fe	4.34	4.36	100%	90% - 110%												
Ga	35	38.1	109%	90% - 110%												
K	1.37	1.49	109%	90% - 110%												
La	58	63	109%	90% - 110%												
Li	37	42	113%	90% - 110%												
Mg	0.325	0.308	95%	90% - 110%												
Na	5.267	5.031	96%	90% - 110%												
Nb	13	14	109%	90% - 110%												
Ni	9	7	73%	90% - 110%												
Pb	10	10	103%	90% - 110%												
Rb	55	60	110%	90% - 110%												
Sr	1191	1248	105%	90% - 110%												
Ta	0.9	1.1	127%	90% - 110%												
Th	1.4	1.2	89%	90% - 110%												
Ti	0.172	0.164	95%	90% - 110%												
V	8	6	73%	90% - 110%												
Y	119	126	106%	90% - 110%												
Zn	93	102	109%	90% - 110%												

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

Parameter	CRM #1 (ref.GSP4G)															
	Expect	Actual	Recovery	Limits												
Au	0.468	0.468	100%	90% - 110%												

## Method Summary

 CLIENT NAME: COBALT POWER GROUP INC  
 PROJECT: Canadian Cobalt  
 SAMPLING SITE:

 AGAT WORK ORDER: 18T381167  
 ATTENTION TO: Chris Healey  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12020		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP-MS
Ba	MIN-200-12020		ICP-MS
Be	MIN-200-12020		ICP-MS
Bi	MIN-200-12020		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP-MS
Ce	MIN-200-12020		ICP-MS
Co	MIN-200-12020		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12020		ICP-MS
Cu	MIN-200-12020		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP-MS
Ge	MIN-200-12020		ICP-MS
Hf	MIN-200-12020		ICP-MS
In	MIN-200-12020		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP-MS
Li	MIN-200-12020		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12020		ICP-MS
Ni	MIN-200-12020		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP-MS
Rb	MIN-200-12020		ICP-MS
Re	MIN-200-12020		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP-MS
Sc	MIN-200-12020		ICP-MS
Se	MIN-200-12020		ICP-MS
Sn	MIN-200-12020		ICP-MS
Sr	MIN-200-12020		ICP-MS
Ta	MIN-200-12020		ICP-MS
Te	MIN-200-12020		ICP-MS
Th	MIN-200-12020		ICP-MS
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP-MS
U	MIN-200-12020		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP-MS
Y	MIN-200-12020		ICP-MS
Zn	MIN-200-12020		ICP-MS
Zr	MIN-200-12020		ICP-MS



## Method Summary

CLIENT NAME: COBALT POWER GROUP INC

AGAT WORK ORDER: 18T381167

PROJECT: Canadian Cobalt

ATTENTION TO: Chris Healey

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



CLIENT NAME: COBALT POWER GROUP INC  
520-65 Queen Street West  
TORONTO, ON M5H 2M5

ATTENTION TO: Chris Healey

PROJECT: Canadian Cobalt

AGAT WORK ORDER: 18B376267

SOLID ANALYSIS REVIEWED BY: Adel Mina, Mining Chief Chemist

DATE REPORTED: Sep 21, 2018

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.



## Certificate of Analysis

AGAT WORK ORDER: 18B376267

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

### (200-) Sample Login Weight

DATE SAMPLED: Aug 20, 2018

DATE RECEIVED: Aug 21, 2018

DATE REPORTED: Sep 21, 2018

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
E6043627 (9488261)		1.12
E6043628 (9488262)		1.53
E6043629 (9488263)		1.35
E6044225 (9488264)		1.87
E6044677 (9488265)		1.33
E6044678 (9488266)		1.18
E6044679 (9488267)		0.80
E6044730 (9488268)		2.50
E6044731 (9488269)		2.38
E6044732 (9488270)		3.38
E6044733 (9488271)		1.23
E6044680 (9495117)		2.49

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 18B376267

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

### (201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 20, 2018

DATE RECEIVED: Aug 21, 2018

DATE REPORTED: Sep 21, 2018

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	RDL:	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.5	0.01
E6043627 (9488261)		0.12	2.20	6590	48	0.35	164	0.15	0.07	9.05	2290	55.5	0.11	8.8	1.99
E6043628 (9488262)		0.20	8.30	1170	64	1.39	6.15	5.19	0.10	27.9	1080	10.3	0.10	2.0	2.55
E6043629 (9488263)		0.14	6.24	6600	73	0.80	64.0	1.62	0.05	16.6	3600	15.4	0.19	<0.5	5.76
E6044225 (9488264)		0.39	8.79	3650	76	1.22	10.9	3.82	0.11	17.9	3160	4.8	0.13	1.5	5.92
E6044677 (9488265)		0.01	6.64	92.7	107	1.11	3.08	0.54	0.05	38.7	76.0	22.1	0.20	5.1	4.93
E6044678 (9488266)		0.18	6.77	>10000	80	0.95	104	0.97	0.15	42.3	14900	15.1	0.11	<0.5	6.87
E6044679 (9488267)		0.02	6.89	463	147	1.37	11.5	0.79	0.08	43.3	330	15.7	0.40	108	9.51
E6044730 (9488268)		0.10	6.80	2140	95	1.30	132	0.75	0.07	34.8	609	22.8	0.16	118	7.13
E6044731 (9488269)		0.21	6.72	4130	64	1.10	64.5	0.62	0.05	18.5	1100	15.3	0.19	1.0	5.54
E6044732 (9488270)		1.83	6.39	44.3	67	0.65	1.34	4.71	0.05	2.85	38.8	18.1	0.13	>10000	7.35
E6044733 (9488271)		0.82	1.43	30.2	22	0.08	1.33	3.57	0.03	1.15	23.4	33.5	0.24	381	2.00
E6044680 (9495117)		0.06	0.54	6.1	16	<0.05	0.09	0.10	0.02	3.18	7.82	26.4	0.51	19.1	1.21
Sample ID (AGAT ID)	Analyte:	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	RDL:	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.5	10
E6043627 (9488261)		5.26	<0.05	1.9	0.148	0.21	4.4	12.7	0.55	458	11.0	1.10	2.3	1640	401
E6043628 (9488262)		10.9	<0.05	6.4	0.137	0.51	11.7	23.1	1.23	2290	8.00	5.54	4.1	182	1290
E6043629 (9488263)		18.1	<0.05	0.6	0.096	0.29	7.1	33.5	1.90	789	14.2	2.90	4.1	949	741
E6044225 (9488264)		17.9	<0.05	6.5	0.121	0.38	7.6	44.7	2.68	2000	10.5	4.54	4.2	403	1320
E6044677 (9488265)		18.9	<0.05	1.1	0.027	0.54	16.2	23.4	1.32	529	4.69	3.54	1.1	97.4	972
E6044678 (9488266)		19.3	<0.05	1.1	0.195	0.47	18.7	39.5	3.29	941	74.3	2.61	3.2	1530	1000
E6044679 (9488267)		21.8	<0.05	1.0	0.159	0.57	20.6	26.7	2.15	1170	7.59	3.04	0.8	185	989
E6044730 (9488268)		22.0	<0.05	0.5	0.094	0.40	15.9	44.2	2.79	951	6.13	2.64	3.1	2000	905
E6044731 (9488269)		19.5	<0.05	5.4	0.097	0.35	7.9	45.9	2.82	934	19.1	3.00	3.6	5060	1010
E6044732 (9488270)		11.1	<0.05	1.1	0.024	0.04	1.2	15.2	2.86	849	2.64	3.98	2.8	146	404
E6044733 (9488271)		3.14	<0.05	0.3	<0.005	0.01	<0.5	8.2	0.56	294	6.16	0.66	1.2	40.6	134
E6044680 (9495117)		2.06	<0.05	<0.1	<0.005	<0.01	1.9	10.7	0.42	183	6.15	0.02	0.8	22.5	199

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 18B376267

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

### (201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 20, 2018

DATE RECEIVED: Aug 21, 2018

DATE REPORTED: Sep 21, 2018

SAMPLE TYPE: Rock

Analyte:	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01	0.01
Sample ID (AGAT ID)														
E6043627 (9488261)	5.9	2.8	0.021	0.11	4.10	4.1	0.7	0.2	12.5	0.10	0.02	2.3	0.15	<0.01
E6043628 (9488262)	10.3	3.4	0.005	0.06	0.58	33.2	0.8	1.5	40.2	0.23	0.01	6.9	0.39	<0.01
E6043629 (9488263)	4.0	3.0	0.045	0.24	2.96	19.8	0.9	0.5	13.3	0.07	0.01	7.2	0.38	<0.01
E6044225 (9488264)	15.4	2.9	0.009	0.08	0.87	39.1	0.8	1.9	35.4	0.21	0.01	8.0	0.44	<0.01
E6044677 (9488265)	7.3	7.1	0.004	<0.01	0.79	28.3	0.6	<0.2	31.7	0.07	<0.01	6.4	0.71	<0.01
E6044678 (9488266)	5.0	4.1	0.005	0.80	2.95	37.8	1.6	1.7	19.0	0.14	<0.01	6.5	0.50	<0.01
E6044679 (9488267)	6.9	14.8	0.003	0.02	0.81	34.8	0.6	<0.2	37.0	<0.05	<0.01	5.9	0.62	0.04
E6044730 (9488268)	4.4	6.1	0.006	<0.01	23.2	28.3	0.8	2.8	27.8	0.07	<0.01	6.3	0.51	<0.01
E6044731 (9488269)	3.7	3.3	0.015	0.03	32.4	24.6	0.9	<0.2	15.7	0.19	<0.01	6.4	0.35	<0.01
E6044732 (9488270)	2.8	0.6	0.005	1.47	0.54	36.3	5.7	1.1	40.3	0.15	0.02	1.2	0.42	<0.01
E6044733 (9488271)	2.9	0.4	0.004	0.14	0.14	3.3	1.6	1.5	23.0	<0.05	0.03	0.2	0.11	<0.01
E6044680 (9495117)	4.8	0.5	0.004	<0.01	0.19	0.5	<0.5	0.6	17.5	<0.05	<0.01	<0.1	0.01	<0.01

Analyte:	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.5	0.1	0.1	0.5	0.5
Sample ID (AGAT ID)						
E6043627 (9488261)	3.16	28.3	0.4	14.7	9.5	60.3
E6043628 (9488262)	3.55	22.3	0.3	35.0	14.8	211
E6043629 (9488263)	5.68	54.6	0.4	20.2	20.9	25.9
E6044225 (9488264)	8.63	75.7	0.4	24.8	27.3	222
E6044677 (9488265)	2.96	58.5	0.8	33.2	62.8	38.5
E6044678 (9488266)	3.51	71.1	1.3	33.0	67.5	57.7
E6044679 (9488267)	2.51	75.3	0.4	35.8	70.5	27.3
E6044730 (9488268)	3.70	58.1	2.1	30.3	33.7	13.5
E6044731 (9488269)	9.45	89.7	0.6	27.3	24.3	175
E6044732 (9488270)	0.364	256	0.3	7.1	45.7	34.5
E6044733 (9488271)	0.109	46.3	0.3	2.2	14.0	8.7
E6044680 (9495117)	0.089	7.7	0.3	0.3	20.0	0.8

Comments: RDL - Reported Detection Limit

9488261-9495117 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 18B376267

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

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

DATE SAMPLED: Aug 20, 2018

DATE RECEIVED: Aug 21, 2018

DATE REPORTED: Sep 21, 2018

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	As	Co	Cu
	Unit:	%	%	%
	RDL:	0.005	0.005	0.005
E6044678 (9488266)		1.98	1.44	-
E6044732 (9488270)		-	-	1.10

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 18B376267

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

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

DATE SAMPLED: Aug 20, 2018

DATE RECEIVED: Aug 21, 2018

DATE REPORTED: Sep 21, 2018

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
E6043627 (9488261)			0.400
E6043628 (9488262)			0.020
E6043629 (9488263)			0.295
E6044225 (9488264)			0.069
E6044677 (9488265)			0.007
E6044678 (9488266)			0.021
E6044679 (9488267)			0.006
E6044730 (9488268)			0.101
E6044731 (9488269)			0.160
E6044732 (9488270)			0.007
E6044733 (9488271)			0.009
E6044680 (9495117)			0.002

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 18B376267

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 20, 2018

DATE RECEIVED: Aug 21, 2018

DATE REPORTED: Sep 21, 2018

SAMPLE TYPE: Rock

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
E6043627 (9488261)	78

Comments: RDL - Reported Detection Limit

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 18B376267

PROJECT: Canadian Cobalt

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

CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 20, 2018

DATE RECEIVED: Aug 21, 2018

DATE REPORTED: Sep 21, 2018

SAMPLE TYPE: Rock

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
E6043627 (9488261)	95

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9488261	0.12	0.15	22.2%	9488268	0.10	0.06									
Al	9488261	2.20	2.28	3.6%	9488268	6.80	6.67	1.9%								
As	9488261	6590	6620	0.5%	9488268	2140	2110	1.4%								
Ba	9488261	48	45	6.5%	9488268	95	89	6.5%								
Be	9488261	0.35	0.35	0.0%	9488268	1.30	1.28	1.6%								
Bi	9488261	164	168	2.4%	9488268	132	140	5.9%								
Ca	9488261	0.147	0.130	12.3%	9488268	0.745	0.722	3.1%								
Cd	9488261	0.071	0.078	9.4%	9488268	0.067	0.055	19.7%								
Ce	9488261	9.05	9.05	0.0%	9488268	34.8	34.9	0.3%								
Co	9488261	2290	2250	1.8%	9488268	609	595	2.3%								
Cr	9488261	55.5	50.0	10.4%	9488268	22.8	17.8	24.6%								
Cs	9488261	0.111	0.101	9.4%	9488268	0.16	0.16	0.0%								
Cu	9488261	8.8	6.1		9488268	118	116	1.7%								
Fe	9488261	1.99	1.96	1.5%	9488268	7.13	6.98	2.1%								
Ga	9488261	5.26	5.30	0.8%	9488268	22.0	21.7	1.4%								
Ge	9488261	< 0.05	< 0.05	0.0%	9488268	< 0.05	< 0.05	0.0%								
Hf	9488261	1.9	1.9	0.0%	9488268	0.5	0.5	0.0%								
In	9488261	0.148	0.153	3.3%	9488268	0.0935	0.0933	0.2%								
K	9488261	0.21	0.20	4.9%	9488268	0.40	0.40	0.0%								
La	9488261	4.35	4.28	1.6%	9488268	15.9	15.8	0.6%								
Li	9488261	12.7	13.3	4.6%	9488268	44.2	44.3	0.2%								
Mg	9488261	0.554	0.572	3.2%	9488268	2.79	2.74	1.8%								
Mn	9488261	458	494	7.6%	9488268	951	928	2.4%								
Mo	9488261	11.0	11.1	0.9%	9488268	6.13	5.72	6.9%								
Na	9488261	1.10	1.10	0.0%	9488268	2.64	2.50	5.4%								
Nb	9488261	2.3	2.3	0.0%	9488268	3.1	2.3	29.6%								
Ni	9488261	1640	1610	1.8%	9488268	2000	2050	2.5%								
P	9488261	401	418	4.2%	9488268	905	903	0.2%								
Pb	9488261	5.86	5.57	5.1%	9488268	4.41	4.31	2.3%								
Rb	9488261	2.78	2.23	22.0%	9488268	6.1	6.1	0.0%								
Re	9488261	0.0211	0.0221	4.6%	9488268	0.006	0.004									



CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

S	9488261	0.11	0.11	0.0%	9488268	< 0.01	< 0.01	0.0%								
Sb	9488261	4.10	4.24	3.4%	9488268	23.2	22.8	1.7%								
Sc	9488261	4.08	4.01	1.7%	9488268	28.3	29.2	3.1%								
Se	9488261	0.7	0.7	0.0%	9488268	0.8	0.8	0.0%								
Sn	9488261	< 0.2	< 0.2	0.0%	9488268	1.7	1.7	0.0%								
Sr	9488261	12.5	10.5	17.4%	9488268	27.8	27.5	1.1%								
Ta	9488261	0.104	0.109	4.7%	9488268	0.07	< 0.05									
Te	9488261	0.02	0.02	0.0%	9488268	< 0.01	< 0.01	0.0%								
Th	9488261	2.3	2.4	4.3%	9488268	6.3	6.3	0.0%								
Ti	9488261	0.15	0.15	0.0%	9488268	0.509	0.502	1.4%								
Tl	9488261	< 0.01	< 0.01	0.0%	9488268	< 0.01	< 0.01	0.0%								
U	9488261	3.16	3.18	0.6%	9488268	3.70	3.64	1.6%								
V	9488261	28.3	27.8	1.8%	9488268	58.1	58.5	0.7%								
W	9488261	0.4	0.4	0.0%	9488268	2.1	2.0	4.9%								
Y	9488261	14.7	15.4	4.7%	9488268	30.3	29.2	3.7%								
Zn	9488261	9.5	9.5	0.0%	9488268	33.7	30.9	8.7%								
Zr	9488261	60.3	65.2	7.8%	9488268	13.5	15.7	15.1%								

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

REPLICATE #1																
Parameter	Sample ID	Original	Replicate	RPD												
As	9488266	1.98	2.0	1.0%												
Co	9488266	1.44	1.50	4.1%												
Cu					9488270	1.10	1.10	0.0%								

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

REPLICATE #1																
Parameter	Sample ID	Original	Replicate	RPD												
Au	9488261	0.400	0.364	9.4%												



CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.Till-2)				CRM #2 (ref.WW07)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	8.17	8.53	104%	90% - 110%												
As	26	28	107%	90% - 110%												
Ba	540	568	105%	90% - 110%												
Be	4.0	4.3	107%	90% - 110%												
Ca	0.907	0.924	102%	90% - 110%												
Ce	98	107	109%	90% - 110%												
Cr	60.3	64.5	107%	90% - 110%												
Cs	12	12	99%	90% - 110%												
Cu	150	154	103%	90% - 110%												
Fe	3.77	3.89	103%	90% - 110%												
La	44	48	109%	90% - 110%												
Li	47	51	108%	90% - 110%												
Mg	1.10	1.14	103%	90% - 110%												
Mn	780	786	101%	90% - 110%												
Mo	14	15	106%	90% - 110%												
Na	1.624	1.688	104%	90% - 110%												
Nb	20	18	91%	90% - 110%												
Ni	32	35	110%	90% - 110%												
P	750	794	106%	90% - 110%												
Pb	31	30	98%	90% - 110%												
Rb	143	156	109%	90% - 110%												
Sb	0.8	0.8	95%	90% - 110%												
Sc	12	13	105%	90% - 110%												
Sr	144	158	110%	90% - 110%												
Th	18.4	17.7	96%	90% - 110%												
Ti	0.53	0.48	91%	90% - 110%												
U	5.7	4.5	79%	90% - 110%												
V	77	83	108%	90% - 110%												
W	5	5	110%	90% - 110%												
Zn	130	129	99%	90% - 110%												

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



CLIENT NAME: COBALT POWER GROUP INC

ATTENTION TO: Chris Healey

Parameter	CRM #1				CRM #2 (ref.WW07)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Cu	0.79	0.73	92%	90% - 110%											
<b>(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)</b>															
Parameter	CRM #1 (ref.WW03)				CRM #2 (ref.WW07)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	2.01	1.93	96%	90% - 110%	6.56	6.32	96%	90% - 110%							





## Method Summary

CLIENT NAME: COBALT POWER GROUP INC  
 PROJECT: Canadian Cobalt  
 SAMPLING SITE:

AGAT WORK ORDER: 18B376267  
 ATTENTION TO: Chris Healey  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12020		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP-MS
Ba	MIN-200-12020		ICP-MS
Be	MIN-200-12020		ICP-MS
Bi	MIN-200-12020		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP-MS
Ce	MIN-200-12020		ICP-MS
Co	MIN-200-12020		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12020		ICP-MS
Cu	MIN-200-12020		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP-MS
Ge	MIN-200-12020		ICP-MS
Hf	MIN-200-12020		ICP-MS
In	MIN-200-12020		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP-MS
Li	MIN-200-12020		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12020		ICP-MS
Ni	MIN-200-12020		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP-MS
Rb	MIN-200-12020		ICP-MS
Re	MIN-200-12020		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP-MS
Sc	MIN-200-12020		ICP-MS
Se	MIN-200-12020		ICP-MS
Sn	MIN-200-12020		ICP-MS
Sr	MIN-200-12020		ICP-MS
Ta	MIN-200-12020		ICP-MS
Te	MIN-200-12020		ICP-MS
Th	MIN-200-12020		ICP-MS
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP-MS
U	MIN-200-12020		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP-MS
Y	MIN-200-12020		ICP-MS
Zn	MIN-200-12020		ICP-MS
Zr	MIN-200-12020		ICP-MS



## Method Summary

CLIENT NAME: COBALT POWER GROUP INC

AGAT WORK ORDER: 18B376267

PROJECT: Canadian Cobalt

ATTENTION TO: Chris Healey

SAMPLING SITE:

SAMPLED BY:

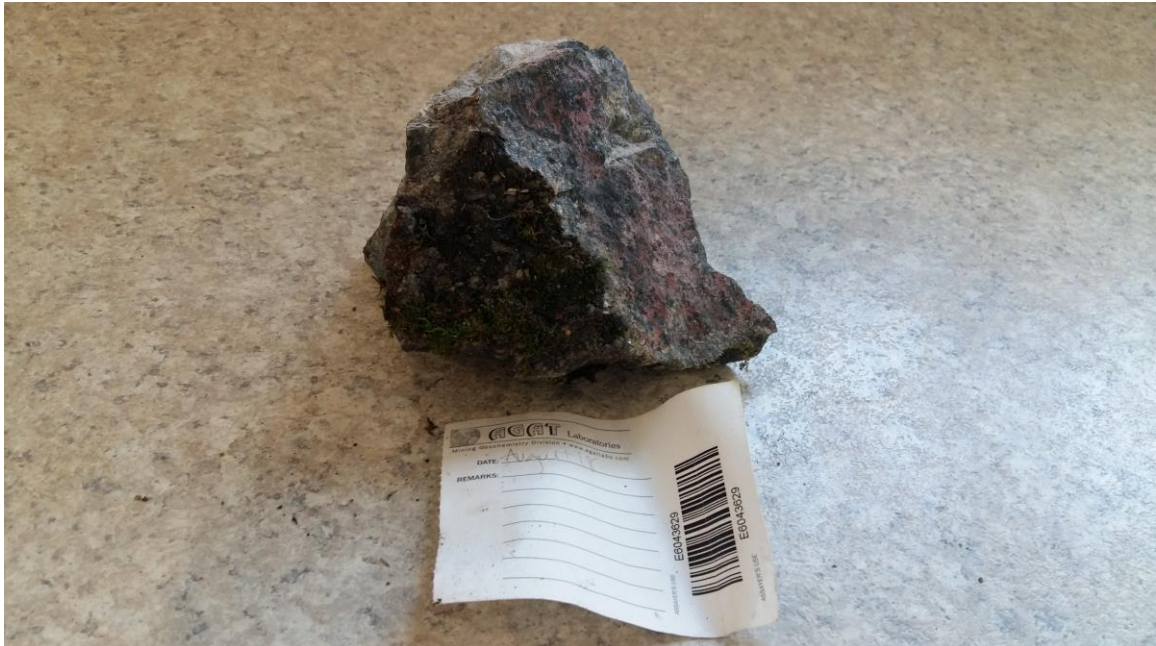
PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
As	MIN-200-12001		ICP/MS
Co	MIN-200-12001		ICP/MS
Cu	MIN-200-12001		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

## **Appendix IV**

### **Sample Pictures**

















## **Appendix V**

### **Daily Logs**

Date	Personnel	Description
August 9th, 2018	MA, TT, LB, TN, RK	Left Cobalt and searched for access, hiked into and located main showing. Took 2 samples.
August 14th, 2018	MA, TT, LB, TN, RK	Left Cobalt and prospected in and around MacMahon pits and trenches
August 18th, 2018	MA,TT,LB,TN,RK, JK	Left Cobalt and reviewed geology and showings with JK, prospected further east towards the Montreal River
August 22nd, 2018	LB,TT	Left Cobalt, prospected around pits for additional mineralization

