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**ASSESSMENT REPORT**

describing

**STREAM SEDIMENT AND SOIL GEOCHEMICAL SAMPLING**

at the

**BORNEO PROPERTY**

Borneo 1-24 YD29731-YD29754

NTS 095D/9

Latitude 60°32'N; Longitude 126°03'W

located in the

Watson Lake Mining District  
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

**PRECIPITATE GOLD CORP.**  
and  
**STRATEGIC METALS LTD.**

by

S. Eaton, B.Sc., GIT

October 2011

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## **INTRODUCTION**

The Borneo property is located in southeastern Yukon and covers the headwaters of a creek that yielded regionally anomalous arsenic, mercury and antimony values from a government stream sediment sample. The property is owned by Strategic Metals Ltd. and is under option to Precipitate Gold Corp.

This report describes stream sediment and soil geochemical sampling conducted on May 31, 2011 by Archer, Cathro and Associates (1981) Limited on behalf of Precipitate Gold. The author interpreted all data from this project and her Statement of Qualifications is in Appendix I.

## **PROPERTY LOCATION, CLAIM DATA AND ACCESS**

The Borneo property comprises 24 contiguous quartz claims located in southeastern Yukon at latitude 60°32' north and longitude 126°03' west on NTS map sheet 095D/09 (Figure 1). The property covers an area of about 490 hectares (4.9 km<sup>2</sup>). The claims are registered with the Watson Lake Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Borneo 1-24	YD29731-YD29754	March 8, 2016

\*Expiry date includes 2011 work which has been filed for assessment credit but not yet accepted.

Access to the property was provided by a Hughes 500D helicopter operated by Kluane Airways from Coal River, B.C., which is located approximately 110 km south-southwest of the property. All personnel stayed at the Coal River Lodge.

The community of Watson Lake is the nearest supply centre. It lies 160 km west of the property. The closest road access is from the Alaska Highway, which at its nearest point is 100 km southwest of the property. The Alaska Highway is usable in all seasons by two wheel drive vehicles.

## **HISTORY AND PREVIOUS WORK**

In 1995, the Geological Survey of Canada (GSC) completed a low-density stream sediment and water sampling survey on parts of NTS map sheets 095D and 105A (Friske *et. al.*, 1996). A sample collected from a creek draining the Borneo property returned 99<sup>th</sup> percentile arsenic (88.7 ppm) and 95<sup>th</sup> percentile mercury (220 ppb) and antimony (4.5 ppm) values for those map sheets (Figure 2).

There is no record of previous staking in the area.

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FIGURE 1  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

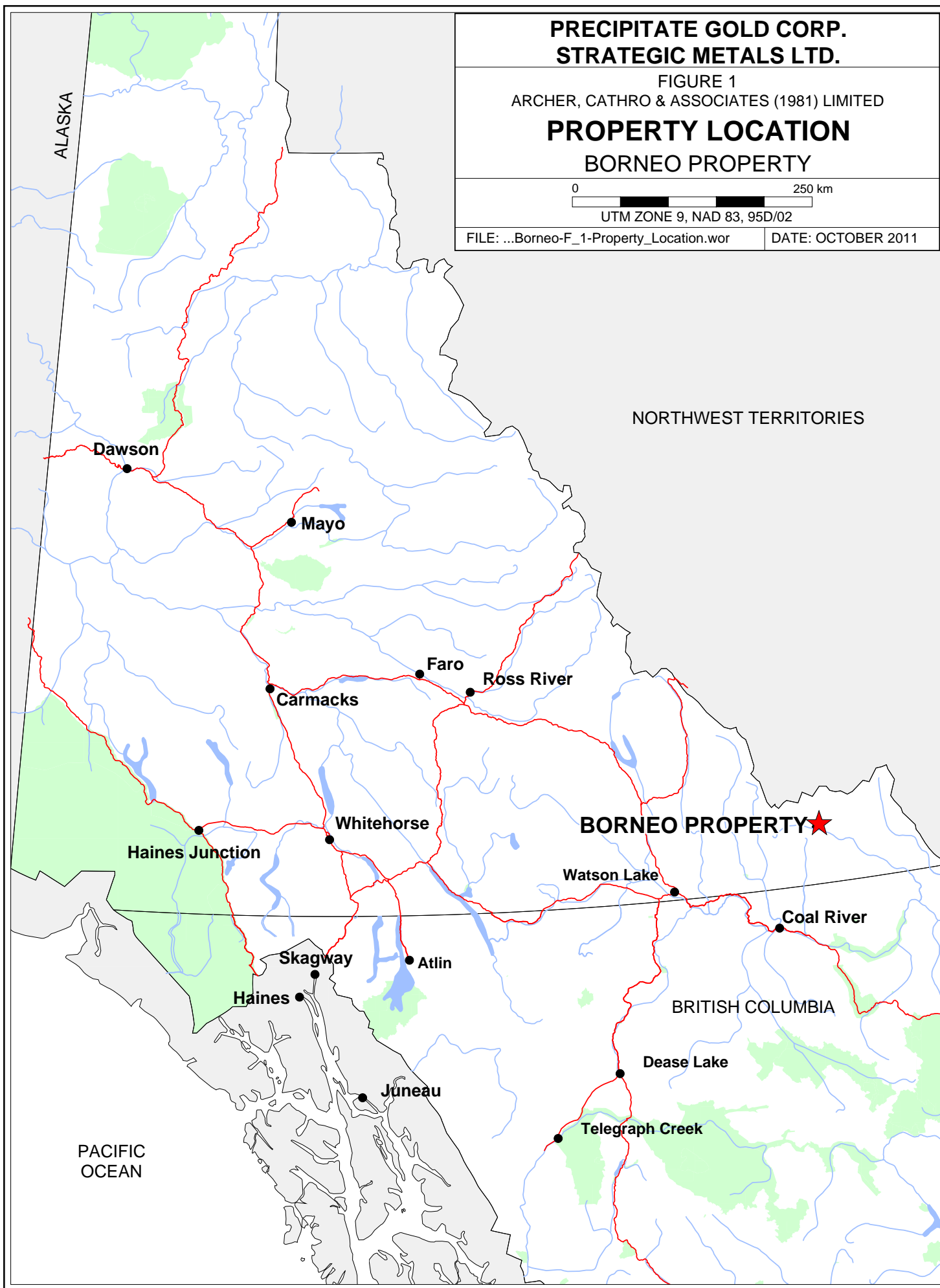
**PROPERTY LOCATION  
BORNEO PROPERTY**

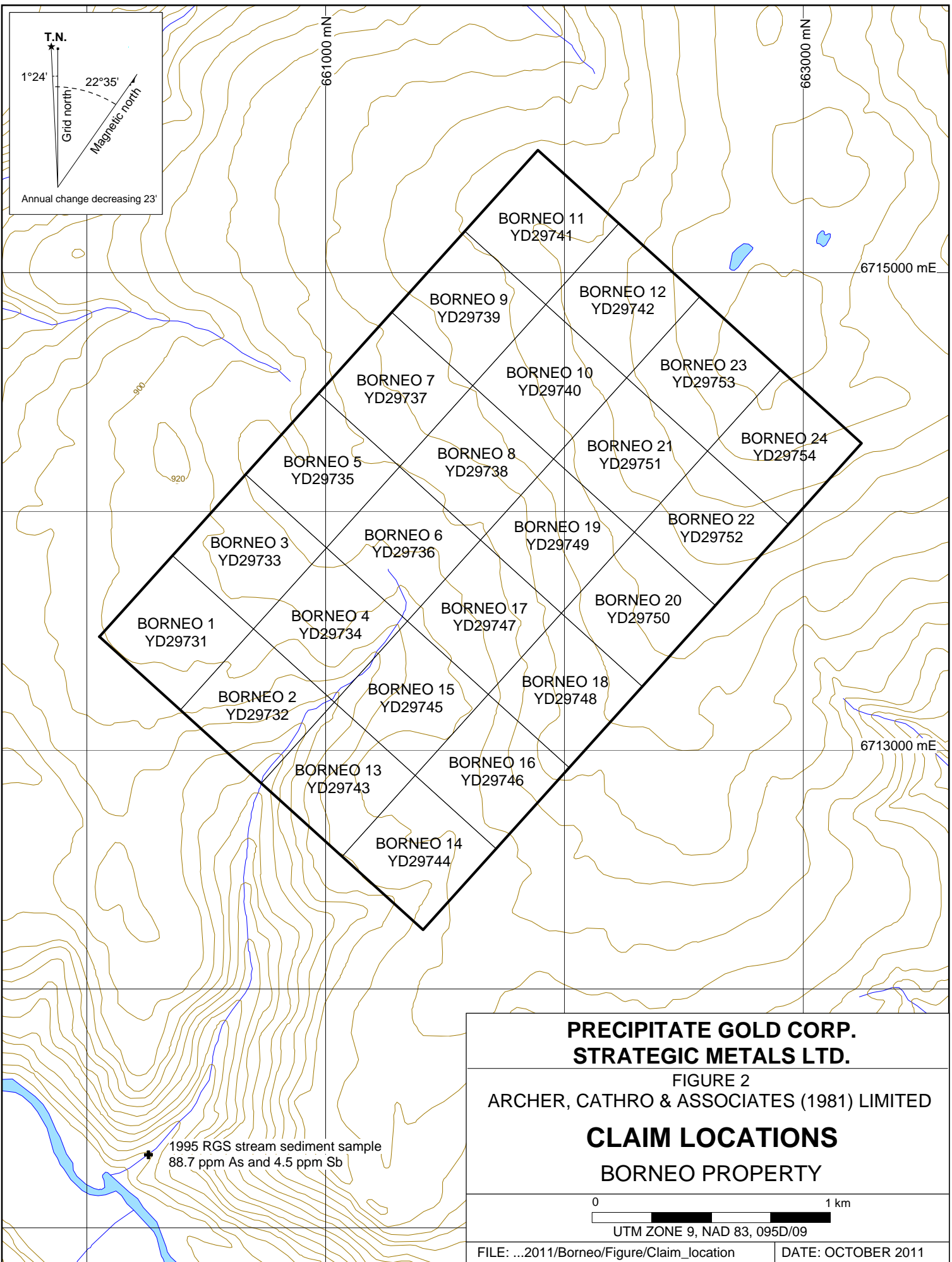


UTM ZONE 9, NAD 83, 95D/02

FILE: ...Borneo-F\_1-Property\_Location.wor

DATE: OCTOBER 2011





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FIGURE 2  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**CLAIM LOCATIONS**  
**BORNEO PROPERTY**

0 1 km  
UTM ZONE 9, NAD 83, 095D/09

FILE: ...2011/Borneo/Figure/Claim\_location DATE: OCTOBER 2011

## GEOMORPHOLOGY AND CLIMATE

The Borneo property is situated in the Liard Plateau south of the Selwyn Mountains. It is drained by creeks that flow into the Beaver River, which ultimately connects to the Arctic Ocean via the Liard and Mackenzie rivers.

The property covers a southwest facing slope, with local elevations ranging from 820 to 1,100 m above sea level (asl). Topographic relief in the area is gentle to moderate. Outcrop is largely limited to the headwaters of a creek valley that drains the property to the southwest. The property lies entirely below treeline. Vegetation comprises black spruce and alder with an understory of low shrubs and moss.

Much of the overburden in the region is associated with the most recent Cordilleran ice sheet, the McConnell glaciation, which is believed to have covered south and central Yukon between 26,500 and 10,000 years ago (Yukon Geological Survey, 2010). The area was covered by the Liard Lobe of the ice sheet, which moved in an eastward to north-eastward direction. Bedrock on the property is usually capped by glacial till.

The climate in the Borneo property area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. The property is mostly snow free from late May to late September.

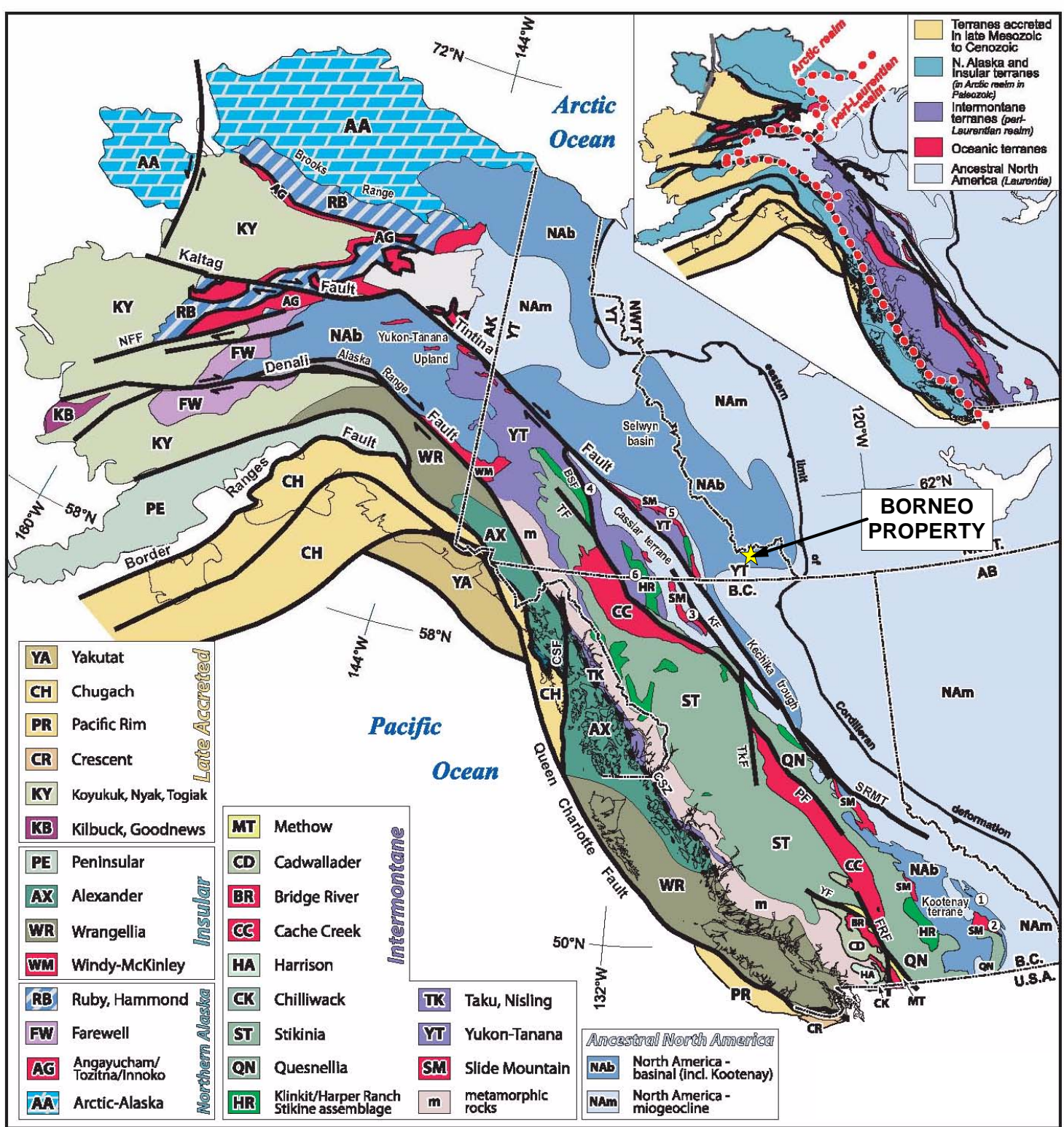
## GEOLOGY

The Coal River map sheet (NTS 095D) was mapped at a regional scale (1:250,000) by the Geological Survey of Canada (GSC) in 1969 (Gabrielse and Blusson, 1969) and the YGS in 2009 and 2010 (Pigage et. al., 2010).

The Borneo property is located within Selwyn Basin (Figure 3), a tectonic element comprising deep water clastic rocks, chert and minor carbonate accumulated along the North American continental margin during Paleozoic time (Pigage, 2004). In the Borneo property area, the package comprises a basement of Ordovician Sunblood Formation dolostone and limestone with conformably overlying unnamed Ordovician to Silurian quartzose sandstone to pebbly sandstone. This unnamed clastic unit is in turn conformably overlain by Silurian to Devonian Road River Group shale and siltstone (Figure 4). Descriptions of these units are provided in Table I.

**Table I – Lithological Units (after Pigage et. al., 2010)**

<b>Unit Name</b>	<b>Map Name</b>	<b>Age</b>	<b>Description</b>
SD <sub>RR</sub>	Road River Group	Silurian to Devonian	Dark grey to black, pale grey weathering, locally calcareous or dolomitic, locally graptolitic, recessive shale or siltstone; lesser very fine-grained sandstone, bedded chert,

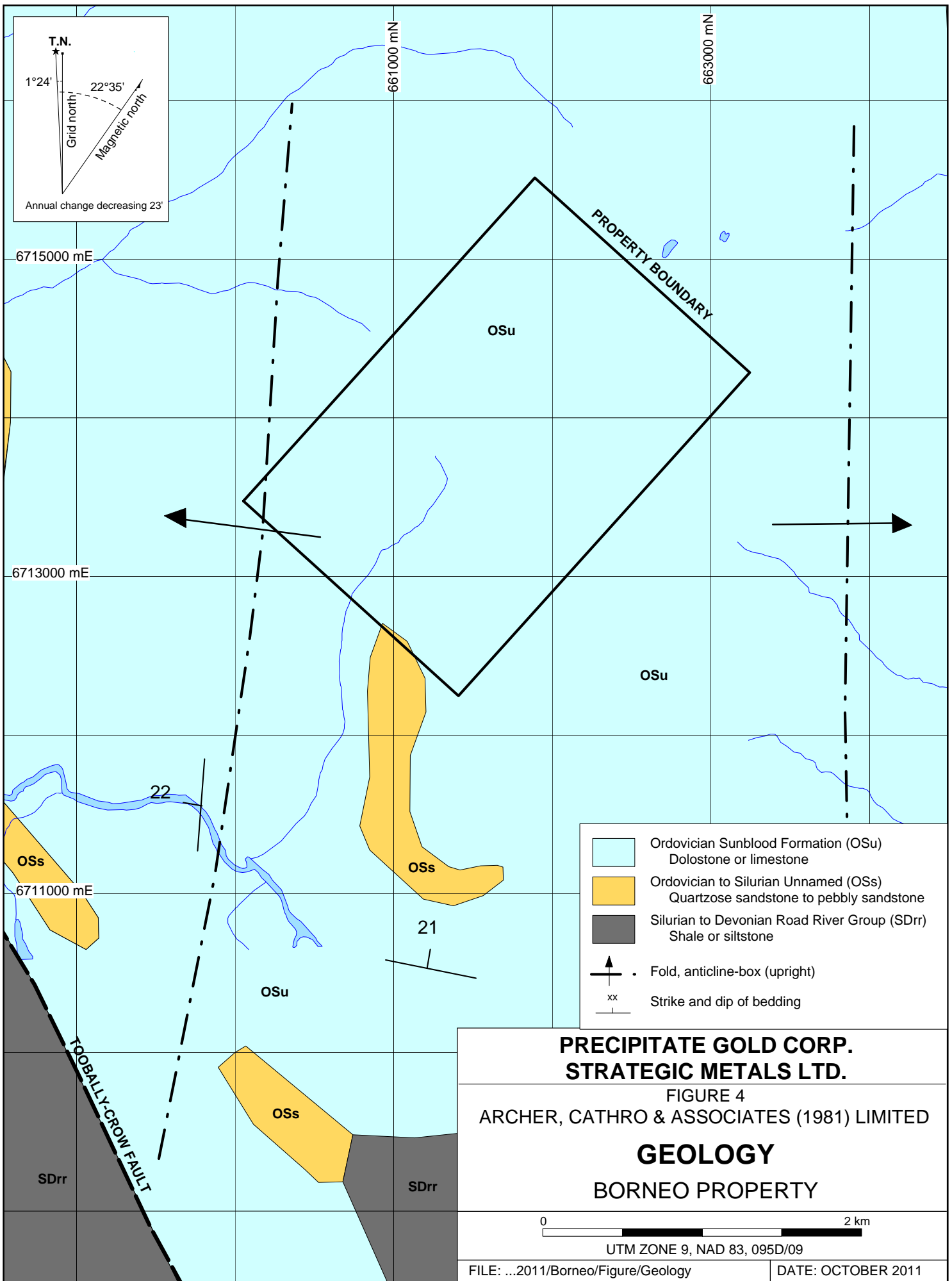


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**FIGURE 3  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**

**TECTONIC SETTING  
BORNEO PROPERTY**

0 300 km

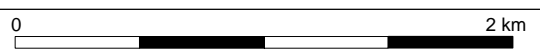


- Ordovician Sunblood Formation (OSu)  
Dolostone or limestone
- Ordovician to Silurian Unnamed (OSs)  
Quartzose sandstone to pebbly sandstone
- Silurian to Devonian Road River Group (SDrr)  
Shale or siltstone
- . Fold, anticline-box (upright)
- Strike and dip of bedding

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FIGURE 4  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**GEOLOGY  
BORNEO PROPERTY**



UTM ZONE 9, NAD 83, 095D/09

			dolostone and limestone.
OS <sub>S</sub>	Unnamed	Ordovician to Silurian	Grey to buff, quartzose sandstone to pebbly sandstone; contains interbeds of bioturbated, slightly dolomitic, very fine-grained sandstone and siltstone; minor dark grey shale.
OS <sub>U</sub>	Sunblood Formation	Ordovician	Light to dark grey, light brownish grey-, buff- or orange-weathering, mottled, thin to thick bedded dolostone or limestone; commonly bioturbated; locally laminated.

The property straddles the axis of a broad anticline and lies three kilometres east of a high-angle, north-northwest trending fault (Toobally-Crow Fault). Bedding orientations in the vicinity of the property are highly variable due to the large-scale folding.

### **STREAM SEDIMENT AND SOIL GEOCHEMISTRY**

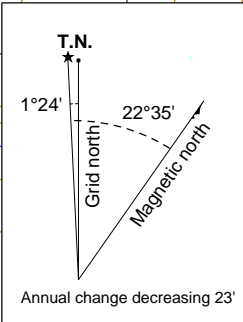
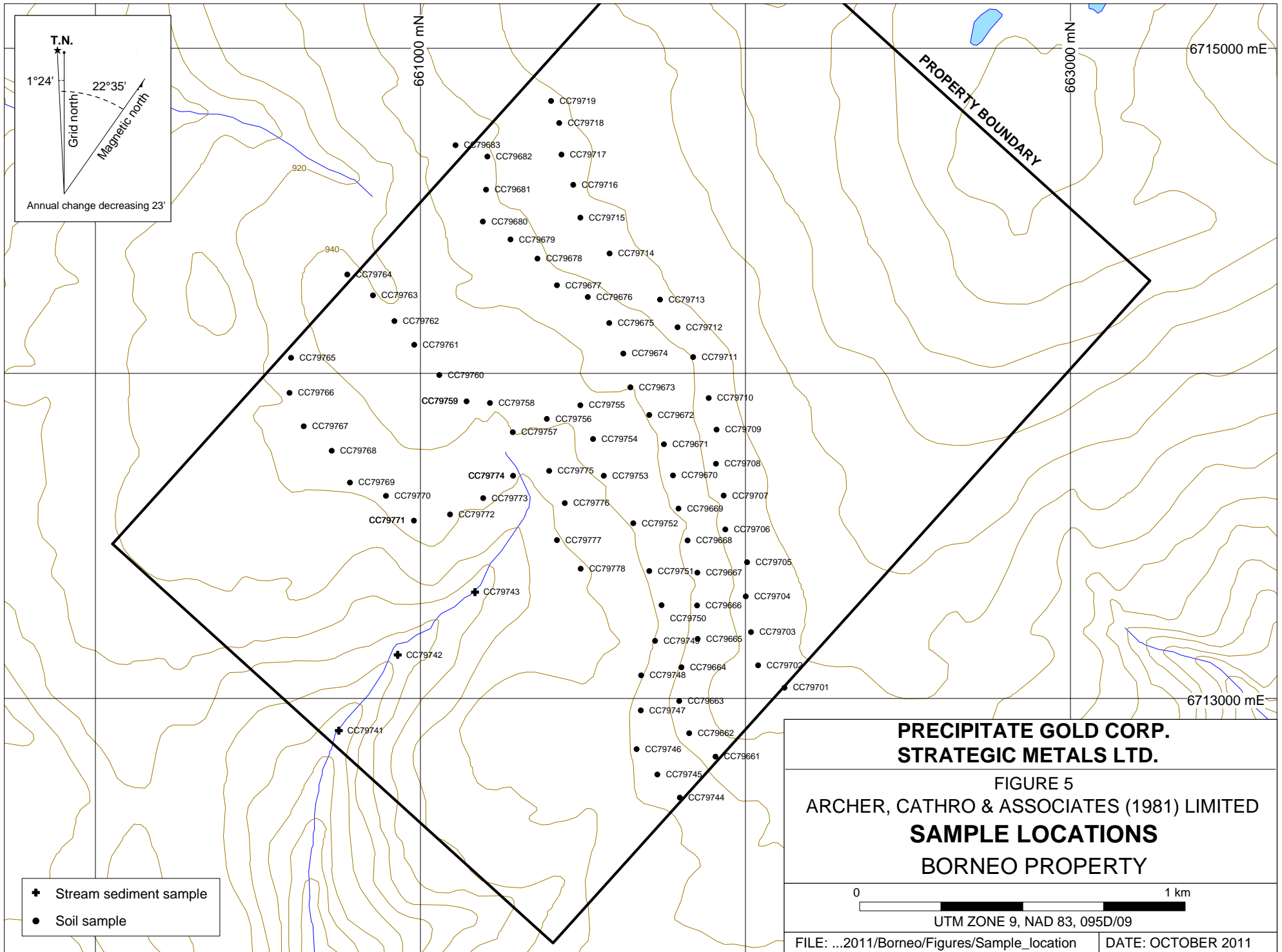
In 2011, Precipitate Gold collected three stream sediment samples and seventy-seven contour soil samples on the property. Sample locations are plotted on Figure 5, while results for arsenic, antimony and molybdenum are illustrated thematically on Figures 6 to 8, respectively.

Stream sediment samples were collected from creeks by hand, while soil samples were collected from 10 to 40 cm deep holes dug by hand-held auger. All samples were placed into individually pre-numbered Kraft paper bags. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. All sample locations were recorded using hand-held GPS units.

All samples were sent to ALS Chemex in Whitehorse, Yukon and/or Vancouver, B.C., where they were dried, screened to -180 microns, and then analyzed for 51 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41). An additional 25 g charge was further analysed for gold by aqua regia digestion with inductively coupled plasma mass spectroscopy finish (Au-TL43).

The three stream sediment samples all returned weakly elevated values for arsenic (20 to 34.7 ppm), antimony (2 to 2.78 ppm) and molybdenum (2 to 4.86 ppm). Gold values from these samples were subdued.

Two isolated moderately anomalous arsenic values (59.7 and 60 ppm) were obtained from soil samples. The northerly of these two samples also yielded moderately elevated antimony (5.93 ppm) and strongly anomalous molybdenum (19.3 ppm). Additional, coincident, moderately to strongly elevated antimony (5 to 5.75 ppm) and molybdenum (5 to 14.4 ppm) values extend to the west-southwest from this point. All gold values are low (less than 3 ppb).



- ✚ Stream sediment sample
- Soil sample

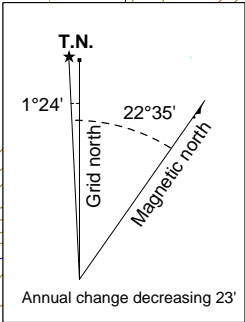
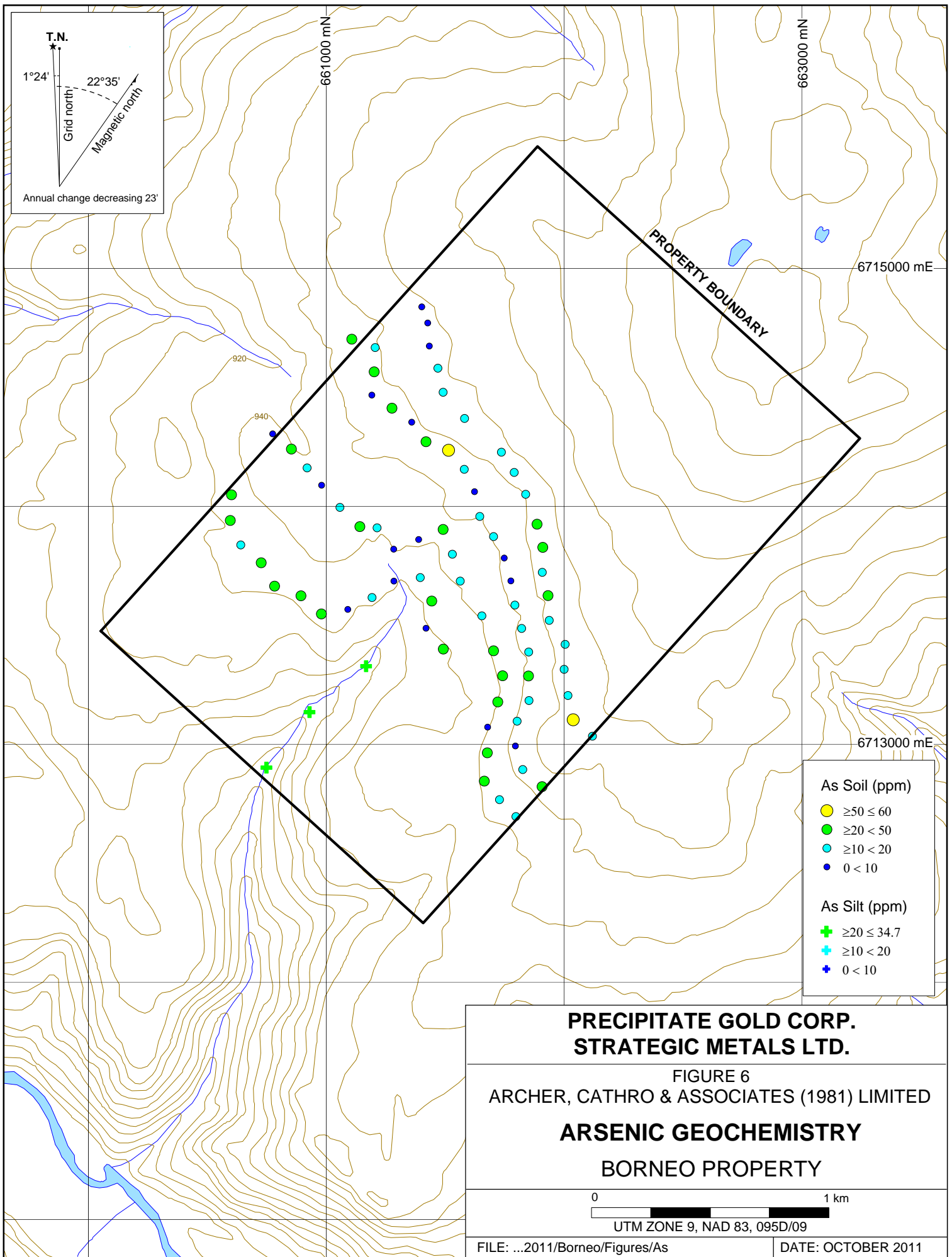
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FIGURE 5  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SAMPLE LOCATIONS**  
BORNEO PROPERTY

0 1 km

UTM ZONE 9, NAD 83, 095D/09

FILE: ...2011/Borneo/Figures/Sample\_location DATE: OCTOBER 2011



PROPERTY BOUNDARY

661000 mN

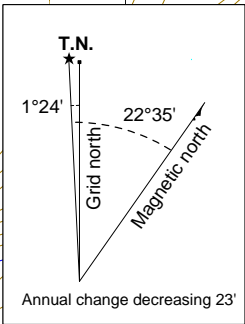
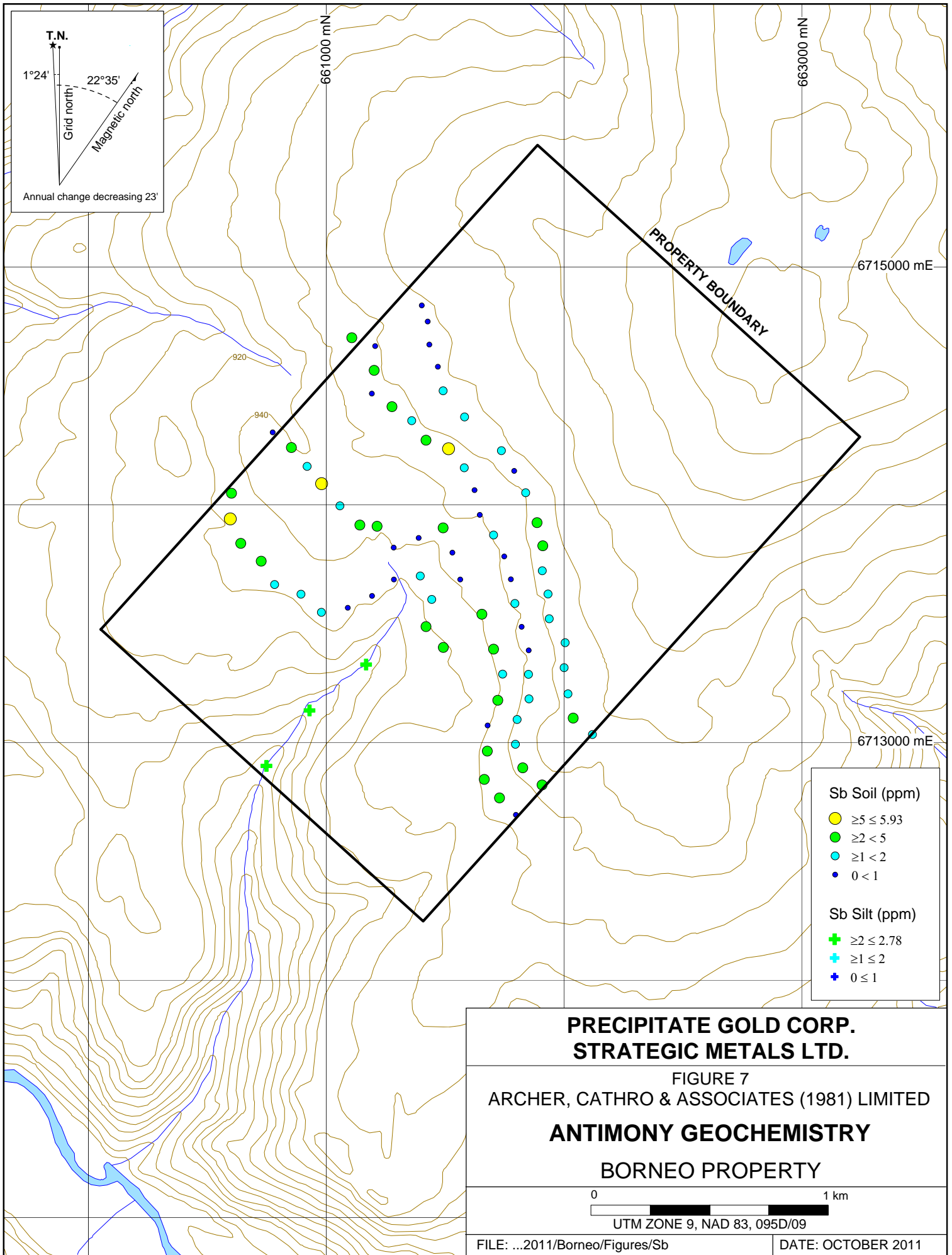
663000 mN

6715000 mE

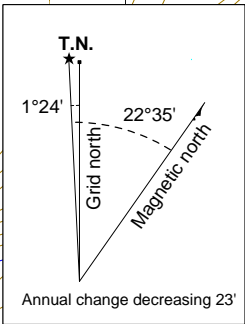
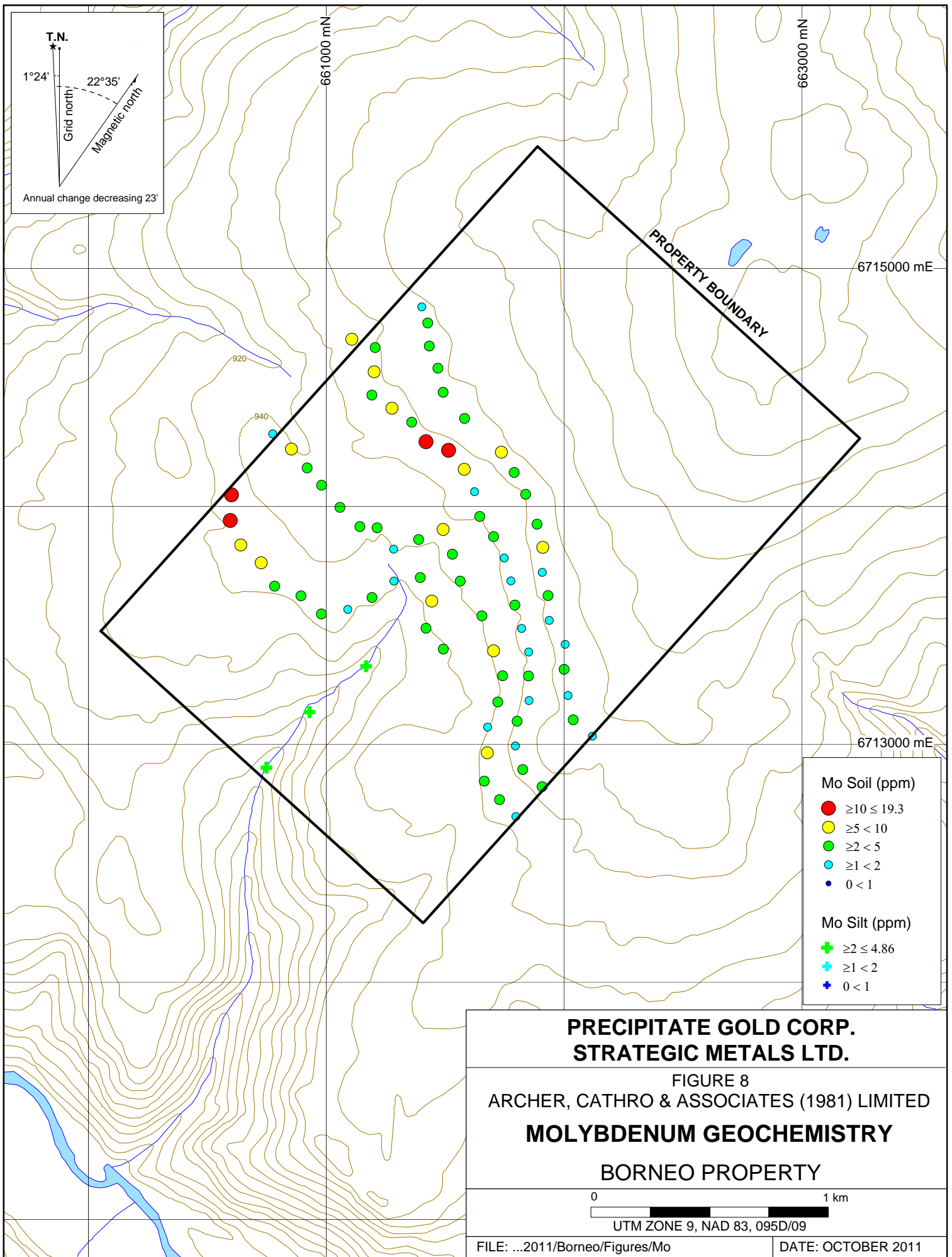
6713000 mE

920

940



Sb Soil (ppm)	
●	≥5 ≤ 5.93
●	≥2 < 5
●	≥1 < 2
●	0 < 1
Sb Silt (ppm)	
+	≥2 ≤ 2.78
+	≥1 ≤ 2
+	0 ≤ 1



PROPERTY BOUNDARY

661000 mN

663000 mN

6715000 mE

6713000 mE

920

940

## **DISCUSSION AND CONCLUSIONS**

Precipitate Gold's exploration program was designed to test the economic potential (particularly Carlin-style gold) of the Borneo property. Although no significant precious metal values were obtained from stream sediment and soil sampling, values for other metals including gold pathfinder elements arsenic and antimony were weakly to moderately elevated.

Despite the somewhat subdued nature of the 2011 results, the Borneo property warrants additional exploration because: 1) seasonal frost limited the depth of soil sampling, which may have affected the quality of soil geochemical results; 2) the presence of relatively pervasive glacial till likely means that most soil samples do not reflect metal content in underlying bedrock; and 3) despite the relatively low sample density, a west-southwesterly oriented trend was defined by moderately to strongly anomalous arsenic, antimony and molybdenum values. Deep-profile soil sampling should be carried out on a low priority basis along the anomalous trend to better constrain its size, character and orientation. Work elsewhere in Yukon has shown that gold response from stream sediment and soil samples is relatively subdued in the vicinity of some Carlin-style exploration prospects.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Sarah Eaton, B.Sc., GIT

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- Yukon Geological Survey  
 2010 Geoprocess File Summary Report for Coal River Map Area N.T.S. 095D; Available at: [http://ygsftp.gov.yk.ca/publications/openfile/2002/of2002\\_8d\\_geoprocess\\_file/documents/map\\_specific/095d.pdf](http://ygsftp.gov.yk.ca/publications/openfile/2002/of2002_8d_geoprocess_file/documents/map_specific/095d.pdf)

**APPENDIX I**  
**STATEMENT OF QUALIFICATIONS**

## **STATEMENT OF QUALIFICATIONS**

I, Sarah Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2007 with a B.Sc. in Honours Geological Sciences.
2. From 2002 to present, I have been actively engaged in mineral exploration in Yukon Territory, British Columbia and Northwest Territories.
3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 154922).
4. I have interpreted all data resulting from this work.

Sarah Eaton, B.Sc. (Hon.) Geology, GIT

**APPENDIX II**  
**CERTIFICATE OF ANALYSIS**



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**  
**1016- 510 W HASTINGS ST**  
**VANCOUVER BC V6B 1L8**

Page: 1  
 Finalized Date: 2- JUL- 2011  
 Account: F

**CERTIFICATE WH11099288**

Project: Fireside- Borneo  
 P.O. No.:  
 This report is for 80 Soil samples submitted to our lab in Whitehorse, YT, Canada on 14- JUN- 2011.  
 The following have access to data associated with this certificate:  
 DOUG EATON                      SARAH EATON                      JOAN MARIACHER

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**  
**ATTN: JOAN MARIACHER**  
**1016- 510 W HASTINGS ST**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
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To: ARCHER, CATHRO AND ASSOCIATES (1981)  
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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 2- JUL- 2011  
 Account: F

Project: Fireside- Borneo

**CERTIFICATE OF ANALYSIS WH11099288**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- TL43	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
CC79661		0.42	0.001	0.18	0.56	34.1	<0.2	<10	450	0.91	0.09	8.78	0.74	20.5	5.7	11
CC79662		0.44	0.001	0.02	0.51	19.2	<0.2	<10	520	0.52	0.15	0.07	0.21	34.8	2.0	15
CC79663		0.32	<0.001	0.02	0.29	5.5	<0.2	<10	150	0.14	0.08	0.07	0.07	26.3	0.7	6
CC79664		0.12	<0.001	0.05	0.40	11.2	<0.2	<10	240	0.26	0.12	0.03	0.12	33.2	0.5	9
CC79665		0.28	<0.001	0.02	0.34	10.3	<0.2	<10	450	0.37	0.12	0.10	0.43	24.2	1.2	8
CC79666		0.32	<0.001	0.02	0.89	22.3	<0.2	<10	380	0.62	0.13	0.05	0.45	30.8	4.3	17
CC79667		0.28	0.001	0.05	0.83	12.9	<0.2	<10	220	0.77	0.11	0.08	0.96	24.8	2.9	12
CC79668		0.30	0.001	0.03	1.30	14.2	<0.2	<10	210	0.67	0.21	0.15	0.78	30.2	6.1	22
CC79669		0.44	<0.001	0.03	0.43	16.9	<0.2	<10	260	0.28	0.08	0.04	0.40	22.4	1.8	9
CC79670		0.24	<0.001	0.03	0.78	9.5	<0.2	<10	180	0.41	0.13	0.15	0.74	24.2	4.3	15
CC79681		0.08	0.001	0.30	1.38	29.1	<0.2	<10	690	1.04	0.20	0.22	0.79	34.8	3.8	20
CC79682		0.42	<0.001	0.04	0.53	11.4	<0.2	<10	140	0.19	0.12	0.05	0.27	22.6	2.1	12
CC79683		0.16	0.001	0.60	1.58	31.4	<0.2	<10	760	1.41	0.29	0.22	1.90	31.4	8.2	32
CC79671		0.22	<0.001	0.01	0.34	4.6	<0.2	<10	190	0.12	0.09	0.03	0.59	21.2	0.6	6
CC79672		0.40	<0.001	0.04	0.66	16.4	<0.2	<10	300	0.67	0.13	0.16	1.09	32.0	4.1	14
CC79673		0.28	<0.001	0.05	0.77	12.0	<0.2	<10	130	0.34	0.16	0.04	0.36	21.9	2.5	13
CC79674		0.22	<0.001	0.10	0.69	9.5	<0.2	<10	170	0.29	0.18	0.11	0.74	26.6	2.9	14
CC79675		0.42	0.001	0.03	0.47	16.4	<0.2	<10	330	0.29	0.11	0.07	0.36	25.8	2.0	12
CC79676		0.26	0.001	0.32	1.25	60.0	<0.2	<10	720	1.04	0.28	0.08	0.50	39.4	2.3	26
CC79677		0.30	0.001	0.35	0.45	34.6	<0.2	<10	310	0.55	0.16	0.05	4.45	43.9	1.0	16
CC79678		0.12	<0.001	0.08	0.44	6.3	<0.2	<10	260	0.22	0.09	0.03	0.18	21.8	0.3	8
CC79679		0.48	0.001	0.02	0.50	28.1	<0.2	<10	410	0.47	0.10	0.01	0.21	26.2	1.5	12
CC79680		0.20	<0.001	0.03	0.48	3.8	<0.2	<10	140	0.24	0.11	0.03	0.09	24.8	0.7	7
CC79701		0.36	<0.001	0.02	1.39	14.5	<0.2	<10	230	0.86	0.18	0.15	0.32	32.9	7.4	23
CC79702		0.24	0.001	0.15	1.12	59.7	<0.2	<10	540	2.05	0.13	6.12	1.12	31.8	10.4	19
CC79703		0.14	<0.001	0.04	1.19	15.8	<0.2	<10	370	0.50	0.19	0.28	0.74	29.0	5.0	19
CC79704		0.26	<0.001	0.03	0.82	17.2	<0.2	<10	380	0.50	0.17	0.18	0.65	27.8	5.2	16
CC79705		0.14	<0.001	0.03	1.30	17.7	<0.2	<10	300	0.61	0.24	0.23	0.57	34.7	6.8	24
CC79706		0.18	<0.001	0.04	0.78	18.8	<0.2	<10	360	0.39	0.17	0.20	0.47	29.7	4.3	15
CC79707		0.18	<0.001	0.04	0.95	35.4	<0.2	<10	490	0.91	0.12	0.14	0.79	36.3	4.7	17
CC79708		0.18	<0.001	0.05	1.15	16.4	<0.2	<10	340	0.55	0.22	0.18	0.93	34.3	6.0	20
CC79709		0.30	0.001	0.16	0.89	46.9	<0.2	<10	670	0.80	0.18	1.41	0.72	35.7	4.6	18
CC79710		0.40	<0.001	0.04	0.49	29.6	<0.2	<10	400	0.43	0.11	0.06	0.51	26.4	3.6	11
CC79711		0.24	0.001	0.03	0.72	17.1	<0.2	<10	280	0.27	0.14	0.08	0.35	32.4	3.5	14
CC79712		0.26	<0.001	0.03	0.61	12.5	<0.2	<10	180	0.23	0.12	0.04	0.24	27.3	2.7	11
CC79713		0.16	<0.001	0.03	0.82	18.8	<0.2	<10	190	0.21	0.18	0.06	0.26	34.6	4.0	18
CC79714		0.26	0.001	0.02	0.32	14.9	<0.2	<10	100	0.10	0.10	0.02	0.11	27.3	0.7	6
CC79715		0.26	<0.001	0.03	0.35	10.9	<0.2	<10	130	0.18	0.10	0.02	0.10	22.9	1.0	7
CC79716		0.16	<0.001	0.01	0.55	11.0	<0.2	<10	90	0.13	0.18	0.04	0.09	33.1	1.3	10
CC79717		0.10	<0.001	0.15	0.93	6.5	<0.2	<10	350	0.71	0.15	0.12	0.98	21.1	1.6	13

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: ARCHER, CATHRO AND ASSOCIATES (1981)  
 LIMITED  
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Project: Fireside- Borneo

**CERTIFICATE OF ANALYSIS WH1109288**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
CC79661		0.55	12.8	1.70	1.61	0.06	0.06	0.22	0.020	0.05	11.0	4.5	5.31	462	2.66	0.02
CC79662		0.53	9.1	1.28	2.20	0.06	0.04	0.06	0.021	0.03	16.9	3.7	0.08	44	2.28	<0.01
CC79663		0.37	2.7	0.38	1.77	<0.05	0.03	0.04	0.007	0.03	15.6	3.1	0.07	22	1.09	<0.01
CC79664		0.67	5.7	0.35	2.00	<0.05	<0.02	0.12	0.014	0.04	20.2	1.6	0.02	11	2.66	<0.01
CC79665		0.39	4.1	0.70	1.63	0.05	<0.02	0.04	0.013	0.03	12.0	1.8	0.03	26	1.40	<0.01
CC79666		0.67	9.0	1.83	2.89	0.07	0.03	0.06	0.021	0.03	16.3	11.0	0.19	93	2.17	<0.01
CC79667		0.76	6.1	1.75	3.01	0.06	0.02	0.03	0.022	0.03	12.3	8.1	0.08	176	1.77	<0.01
CC79668		1.17	6.1	2.18	5.05	0.07	0.05	0.02	0.024	0.04	15.6	16.2	0.37	248	1.07	0.01
CC79669		0.56	6.1	0.94	1.96	0.05	0.03	0.03	0.012	0.03	12.7	4.4	0.08	71	2.61	<0.01
CC79670		0.75	5.6	1.55	3.41	0.06	<0.02	0.03	0.014	0.04	12.8	12.0	0.26	153	1.59	0.01
CC79681		1.44	16.1	1.49	5.23	0.08	0.06	0.33	0.040	0.09	18.2	5.2	0.09	27	7.50	0.01
CC79682		0.51	3.8	1.08	2.73	0.05	<0.02	0.04	0.009	0.03	11.9	6.3	0.14	65	2.99	<0.01
CC79683		1.58	29.2	2.69	5.04	0.09	0.05	0.31	0.053	0.08	15.5	8.7	0.15	376	5.87	0.01
CC79671		0.52	2.2	0.31	2.31	<0.05	<0.02	0.01	<0.005	0.03	11.1	1.4	0.03	19	1.09	0.01
CC79672		2.23	9.2	1.20	2.82	0.07	0.02	0.06	0.020	0.04	18.4	6.8	0.16	304	2.89	<0.01
CC79673		0.83	8.2	1.26	3.57	<0.05	<0.02	0.02	0.012	0.03	11.8	5.0	0.10	67	3.00	0.01
CC79674		0.96	6.3	1.16	3.65	0.06	<0.02	0.02	0.010	0.05	14.2	7.1	0.19	110	1.85	0.01
CC79675		1.68	9.5	0.84	2.35	0.05	<0.02	0.07	0.014	0.04	14.3	4.5	0.11	93	5.58	<0.01
CC79676		3.18	29.4	1.45	6.05	0.09	0.04	0.50	0.047	0.09	23.3	4.9	0.07	69	19.30	0.01
CC79677		1.87	39.4	0.51	2.19	0.08	0.05	0.43	0.033	0.04	24.6	2.3	0.03	12	10.20	<0.01
CC79678		1.23	7.5	0.20	2.36	<0.05	<0.02	0.17	0.010	0.04	13.5	1.1	0.02	10	3.58	<0.01
CC79679		0.91	14.5	1.52	2.42	0.06	0.05	0.07	0.017	0.03	15.6	2.5	0.02	18	8.25	<0.01
CC79680		0.98	4.9	0.45	2.93	<0.05	<0.02	0.02	0.006	0.03	13.4	1.8	0.04	19	2.32	<0.01
CC79701		0.91	6.2	2.31	4.50	0.07	0.09	0.04	0.022	0.04	15.8	13.8	0.34	213	1.16	0.01
CC79702		0.84	19.9	3.26	2.98	0.10	0.11	0.28	0.037	0.08	21.1	6.9	3.73	903	2.28	0.02
CC79703		0.97	6.7	1.97	4.41	0.05	0.02	0.05	0.027	0.05	14.8	11.3	0.28	220	1.79	0.01
CC79704		0.86	7.6	1.93	3.13	0.05	<0.02	0.03	0.024	0.05	14.1	8.3	0.19	247	2.45	0.01
CC79705		1.14	7.0	2.77	4.59	0.06	0.02	0.03	0.028	0.06	16.7	12.9	0.38	355	1.60	0.01
CC79706		0.57	6.0	1.82	2.99	0.05	0.03	0.04	0.019	0.03	14.4	7.6	0.21	256	1.65	0.01
CC79707		0.66	9.1	2.11	2.49	0.07	0.09	0.09	0.028	0.04	16.3	4.6	0.11	249	2.69	0.01
CC79708		0.90	6.7	2.30	4.01	0.06	0.04	0.04	0.025	0.05	16.9	10.8	0.30	321	1.67	0.01
CC79709		0.97	24.0	1.88	2.99	0.07	0.07	0.35	0.034	0.08	19.3	4.8	0.78	339	5.57	0.01
CC79710		0.65	14.3	1.40	1.73	0.05	0.03	0.09	0.018	0.04	13.4	3.1	0.07	181	3.90	0.01
CC79711		0.92	7.3	1.50	3.03	0.05	0.03	0.04	0.016	0.04	16.5	9.5	0.21	102	2.87	0.01
CC79712		0.84	4.8	1.21	2.81	<0.05	0.02	0.03	0.013	0.03	13.9	7.6	0.14	74	2.61	0.01
CC79713		2.85	9.6	1.82	4.41	0.05	<0.02	0.05	0.017	0.05	17.7	11.4	0.26	142	6.92	0.01
CC79714		1.01	4.0	0.58	2.58	<0.05	<0.02	0.09	0.007	0.02	14.3	1.2	0.03	15	4.37	0.01
CC79715		0.77	5.6	0.62	2.51	<0.05	<0.02	0.02	0.009	0.03	11.8	0.8	0.02	20	4.04	0.01
CC79716		1.55	2.9	0.82	3.46	<0.05	<0.02	0.02	0.009	0.03	16.7	3.9	0.10	52	2.44	<0.01
CC79717		0.75	15.7	0.68	4.41	<0.05	0.02	0.07	0.024	0.05	10.5	2.0	0.05	18	2.06	0.01



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Project: Fireside- Borneo

**CERTIFICATE OF ANALYSIS WH11099288**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
CC79661		0.99	20.1	650	13.5	4.6	<0.001	0.02	2.18	3.3	0.9	0.3	44.7	<0.01	0.03	2.1
CC79662		0.72	9.9	490	18.5	5.7	<0.001	<0.01	2.53	2.1	0.6	0.4	54.1	<0.01	0.03	3.8
CC79663		0.96	3.4	140	8.1	4.7	<0.001	<0.01	1.19	0.8	0.2	0.3	9.9	<0.01	0.02	2.5
CC79664		0.73	5.3	250	15.2	8.4	<0.001	<0.01	1.63	1.1	0.3	0.4	16.9	<0.01	0.04	1.8
CC79665		0.64	5.9	440	14.0	4.4	<0.001	<0.01	1.41	1.3	0.4	0.3	25.6	<0.01	0.01	1.5
CC79666		0.84	17.4	410	14.4	8.1	<0.001	<0.01	1.38	2.1	0.6	0.4	20.3	<0.01	0.03	3.6
CC79667		0.68	9.6	670	10.4	7.7	<0.001	0.01	0.92	1.5	0.4	0.4	10.9	<0.01	0.02	2.1
CC79668		1.18	16.7	370	14.8	11.4	<0.001	<0.01	0.59	2.3	0.3	0.6	10.5	<0.01	0.02	4.6
CC79669		0.66	7.5	270	9.6	6.6	<0.001	<0.01	1.44	1.2	0.7	0.3	14.3	<0.01	0.02	2.2
CC79670		0.83	13.3	430	10.0	12.5	<0.001	<0.01	0.91	1.5	0.4	0.4	11.1	<0.01	0.01	2.4
CC79681		1.04	14.1	1350	20.9	10.1	<0.001	0.06	3.11	2.8	1.7	0.7	24.4	0.01	0.08	0.6
CC79682		0.67	8.2	260	6.9	6.3	<0.001	<0.01	0.86	1.1	0.3	0.3	7.9	<0.01	0.02	2.0
CC79683		0.78	21.7	2510	19.0	11.3	<0.001	0.08	2.00	1.5	1.6	0.6	25.2	0.01	0.09	0.3
CC79671		0.35	3.2	310	11.5	4.8	<0.001	<0.01	0.29	0.7	0.2	0.3	12.1	<0.01	0.01	1.5
CC79672		1.17	10.3	330	11.9	9.5	<0.001	<0.01	1.70	2.0	0.9	0.4	13.3	<0.01	0.04	2.8
CC79673		0.68	9.8	540	11.5	7.0	<0.001	<0.01	0.97	1.2	0.4	0.5	8.3	<0.01	0.02	1.7
CC79674		0.89	9.6	380	8.9	10.3	<0.001	<0.01	0.58	1.3	0.3	0.5	10.3	<0.01	0.01	1.7
CC79675		0.66	7.5	280	11.5	7.2	<0.001	<0.01	1.73	1.5	0.7	0.3	16.2	<0.01	0.03	1.7
CC79676		1.03	13.0	1070	29.9	13.1	<0.001	0.02	5.93	1.7	2.3	0.9	29.1	0.01	0.13	0.5
CC79677		1.56	12.2	320	18.5	9.0	0.002	<0.01	3.46	3.4	2.9	0.5	18.2	0.01	0.07	2.4
CC79678		0.42	2.9	310	11.5	5.9	<0.001	<0.01	1.22	0.8	0.4	0.4	11.7	<0.01	0.02	0.8
CC79679		1.44	12.8	370	12.0	5.7	<0.001	<0.01	4.50	1.8	1.1	0.3	13.7	<0.01	0.05	3.0
CC79680		0.48	4.0	230	8.1	7.6	<0.001	<0.01	0.89	0.8	0.3	0.4	7.0	<0.01	0.02	1.0
CC79701		0.96	18.5	230	13.5	7.8	<0.001	<0.01	1.14	3.1	0.4	0.5	10.3	<0.01	0.02	5.3
CC79702		1.12	44.7	730	18.8	7.7	<0.001	0.02	3.03	6.5	1.3	0.4	41.5	0.01	0.06	3.5
CC79703		1.22	16.5	640	18.3	10.6	<0.001	<0.01	1.06	2.4	0.4	0.5	19.8	<0.01	0.02	3.3
CC79704		1.07	14.8	940	17.5	10.6	<0.001	<0.01	1.75	2.1	0.5	0.4	22.3	<0.01	0.02	2.9
CC79705		1.51	19.9	600	16.8	12.7	<0.001	<0.01	1.04	2.7	0.4	0.6	16.6	<0.01	0.02	4.9
CC79706		1.02	13.2	470	14.8	6.5	<0.001	<0.01	1.16	2.0	0.5	0.4	19.9	<0.01	0.02	4.0
CC79707		0.86	20.7	520	16.9	5.8	<0.001	<0.01	1.94	4.3	0.8	0.3	23.0	<0.01	0.02	4.6
CC79708		1.40	19.5	400	16.7	10.1	<0.001	<0.01	1.21	2.7	0.5	0.5	16.4	<0.01	0.02	5.2
CC79709		1.23	28.4	780	23.3	9.0	<0.001	0.01	4.10	5.0	1.4	0.5	38.6	<0.01	0.05	4.8
CC79710		0.84	15.8	470	15.2	5.8	<0.001	<0.01	2.23	1.9	0.9	0.2	20.0	<0.01	0.03	3.2
CC79711		0.95	12.0	260	12.4	7.5	<0.001	<0.01	1.41	1.6	0.5	0.4	13.2	<0.01	0.02	4.3
CC79712		0.99	9.1	220	10.0	7.1	<0.001	<0.01	0.99	1.3	0.4	0.3	10.9	<0.01	0.01	3.3
CC79713		1.35	12.9	240	12.9	11.9	<0.001	<0.01	1.60	1.7	0.9	0.5	11.4	<0.01	0.03	3.6
CC79714		0.71	3.3	190	8.0	6.9	<0.001	<0.01	1.12	0.8	0.5	0.3	7.9	<0.01	0.01	2.1
CC79715		0.50	4.8	260	7.0	5.3	<0.001	<0.01	1.27	0.9	0.5	0.4	7.0	<0.01	0.01	1.6
CC79716		1.02	4.9	240	9.0	6.6	<0.001	<0.01	0.78	1.0	0.2	0.5	7.8	<0.01	0.02	2.8
CC79717		0.45	9.9	840	14.2	4.2	<0.001	0.01	0.72	1.2	0.5	0.5	14.9	<0.01	0.03	0.4



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**CERTIFICATE OF ANALYSIS WH11099288**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
CC79661		0.006	1.00	0.97	38	0.17	12.45	68	2.3
CC79662		0.011	0.27	1.11	45	0.22	8.16	36	2.2
CC79663		0.008	0.15	0.59	30	0.10	2.90	15	2.0
CC79664		<0.005	0.42	1.01	53	0.10	4.70	16	0.5
CC79665		0.006	0.34	0.61	23	0.17	5.43	28	0.5
CC79666		0.011	0.35	0.86	48	0.16	5.21	69	1.6
CC79667		0.008	0.31	0.69	43	0.15	5.01	80	0.5
CC79668		0.021	0.40	0.73	53	0.16	4.26	129	2.2
CC79669		0.008	0.29	0.77	39	0.11	3.34	52	1.3
CC79670		0.015	0.27	0.65	36	0.15	3.36	98	<0.5
CC79681		<0.005	0.55	3.42	80	0.62	18.85	37	1.2
CC79682		0.013	0.17	0.52	40	0.19	2.64	31	<0.5
CC79683		<0.005	0.39	5.79	93	0.40	15.55	77	0.9
CC79671		0.008	0.22	0.39	20	0.09	2.31	28	<0.5
CC79672		0.010	0.24	1.83	50	0.27	6.61	57	0.7
CC79673		0.011	0.28	0.52	48	0.28	2.27	51	<0.5
CC79674		0.019	0.22	0.70	36	0.37	3.39	67	<0.5
CC79675		0.009	0.28	1.49	54	0.30	6.47	35	<0.5
CC79676		<0.005	0.86	3.80	164	0.84	15.45	42	0.7
CC79677		0.005	0.57	8.01	83	0.37	20.8	44	1.9
CC79678		<0.005	0.39	1.04	50	0.28	3.50	12	<0.5
CC79679		0.007	0.30	2.11	107	1.39	7.18	59	2.9
CC79680		0.010	0.19	0.59	33	0.29	2.84	20	<0.5
CC79701		0.018	0.28	0.73	47	0.17	4.44	97	4.1
CC79702		0.006	1.24	1.14	59	0.25	24.8	134	3.7
CC79703		0.014	0.65	0.96	49	0.21	6.40	100	0.8
CC79704		0.014	0.48	0.99	45	0.18	5.45	102	0.5
CC79705		0.023	0.47	1.05	53	0.23	5.79	97	1.1
CC79706		0.014	0.33	1.18	43	0.19	5.54	61	2.2
CC79707		0.005	0.63	1.22	58	0.18	14.95	64	5.5
CC79708		0.020	0.37	1.47	48	0.24	6.14	124	2.1
CC79709		0.006	1.01	1.67	92	0.21	18.40	79	4.3
CC79710		0.007	0.43	1.25	53	0.14	5.64	58	2.0
CC79711		0.015	0.29	0.87	46	0.21	3.97	64	1.9
CC79712		0.015	0.24	0.61	39	0.20	2.87	52	1.5
CC79713		0.021	0.37	0.92	68	0.32	3.73	72	<0.5
CC79714		0.012	0.22	0.62	43	0.16	2.15	18	<0.5
CC79715		0.011	0.17	0.64	36	0.24	2.68	19	<0.5
CC79716		0.020	0.29	0.52	47	0.31	2.59	20	<0.5
CC79717		0.005	0.24	1.59	36	0.20	8.96	17	<0.5



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To: ARCHER, CATHRO AND ASSOCIATES (1981)  
 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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Project: Fireside- Borneo

**CERTIFICATE OF ANALYSIS WH1109288**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- TL43	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
CC79718		0.24	<0.001	0.08	0.61	5.1	<0.2	<10	250	0.28	0.09	0.03	0.25	18.80	0.7	9
CC79719		0.24	<0.001	0.02	0.37	4.0	<0.2	<10	100	0.12	0.10	0.02	0.05	19.15	0.4	6
CC79741		0.24	<0.001	0.13	0.51	30.1	<0.2	<10	630	0.62	0.10	0.75	2.69	26.0	3.2	11
CC79742		0.22	<0.001	0.13	0.52	32.6	<0.2	<10	580	0.62	0.10	0.77	2.51	25.0	4.0	10
CC79743		0.30	0.001	0.13	0.44	34.7	<0.2	<10	510	0.47	0.09	0.73	1.40	21.3	4.0	10
CC79744		0.26	<0.001	0.08	1.78	17.9	<0.2	<10	440	0.66	0.25	0.67	3.01	31.0	9.4	25
CC79745		0.14	0.002	0.14	1.55	14.3	<0.2	<10	490	0.57	0.22	0.85	2.37	29.7	4.7	23
CC79746		0.22	<0.001	0.03	0.94	22.6	<0.2	<10	400	0.59	0.22	0.09	0.78	34.5	3.2	19
CC79747		0.18	<0.001	0.05	0.65	22.3	<0.2	<10	560	0.57	0.15	0.06	0.27	30.7	1.4	12
CC79748		0.22	<0.001	0.02	0.84	6.6	<0.2	<10	230	0.27	0.18	0.12	1.30	27.6	3.4	13
CC79749		0.16	<0.001	0.05	1.06	41.8	<0.2	<10	810	0.90	0.15	0.87	1.97	30.7	4.0	15
CC79750		0.26	<0.001	0.01	0.50	23.8	<0.2	<10	210	0.29	0.12	0.02	0.41	24.2	1.9	10
CC79751		0.18	0.002	0.08	1.18	33.9	<0.2	<10	1930	1.10	0.23	0.62	2.42	46.0	3.4	23
CC79752		0.06	0.002	0.54	1.36	19.4	<0.2	<10	1200	1.06	0.15	3.20	6.27	20.5	4.9	21
CC79753		0.42	<0.001	0.03	0.49	15.3	<0.2	<10	210	0.26	0.13	0.08	0.78	24.4	1.7	9
CC79754		0.30	<0.001	0.04	0.86	19.1	<0.2	<10	230	0.46	0.17	0.09	0.46	28.2	3.5	15
CC79755		0.20	<0.001	0.19	1.20	38.8	<0.2	<10	600	0.97	0.21	0.28	2.88	31.7	6.7	21
CC79756		0.28	<0.001	0.08	0.50	7.5	<0.2	<10	400	0.50	0.11	0.11	1.61	26.0	1.3	9
CC79757		0.30	0.001	0.02	0.24	3.7	<0.2	<10	80	0.15	0.05	0.02	0.38	20.7	0.3	4
CC79758		0.16	0.003	0.25	1.28	19.1	<0.2	<10	870	0.80	0.22	1.13	1.15	31.3	4.4	22
CC79759		0.30	0.001	0.03	0.47	20.2	<0.2	<10	270	0.55	0.09	0.03	0.27	30.3	2.4	13
CC79760		0.20	0.001	0.08	0.56	18.8	<0.2	<10	570	0.70	0.12	0.46	0.78	31.7	0.8	11
CC79761		0.10	0.002	0.70	1.19	7.5	<0.2	<10	540	1.06	0.24	0.57	25.7	45.3	2.4	17
CC79762		0.32	0.001	0.10	0.64	19.2	<0.2	<10	260	0.42	0.12	0.06	0.31	22.7	1.1	11
CC79763		0.46	0.001	0.02	0.41	33.4	<0.2	<10	180	0.33	0.08	0.02	0.25	23.4	1.3	10
CC79764		0.30	0.001	0.03	0.63	8.5	<0.2	<10	120	0.19	0.16	0.03	0.18	24.4	1.3	9
CC79765		0.36	<0.001	0.03	0.40	27.2	<0.2	<10	420	0.34	0.12	0.02	0.21	24.6	1.4	11
CC79766		0.26	<0.001	0.08	1.01	25.8	<0.2	<10	1060	0.86	0.26	0.07	0.66	32.0	4.0	23
CC79767		0.38	0.002	0.04	1.40	15.5	<0.2	<10	310	0.55	0.19	0.06	0.26	31.0	4.9	22
CC79768		0.32	0.001	0.03	0.66	27.0	<0.2	<10	380	0.29	0.14	0.03	0.13	25.5	1.0	13
CC79769		0.30	<0.001	0.03	0.46	25.3	<0.2	<10	210	0.31	0.11	0.07	0.31	25.0	2.1	10
CC79770		0.32	<0.001	0.02	0.61	27.8	<0.2	<10	250	0.36	0.18	0.06	0.23	25.3	2.1	13
CC79771		0.22	<0.001	0.01	0.73	28.8	<0.2	<10	200	0.33	0.25	0.04	0.22	24.0	1.8	14
CC79772		0.22	<0.001	0.03	0.18	1.7	<0.2	<10	90	0.10	0.04	0.02	0.16	17.90	0.2	3
CC79773		0.20	0.001	0.02	0.66	13.1	<0.2	<10	140	0.28	0.15	0.04	0.23	21.1	2.5	12
CC79774		0.30	<0.001	0.02	0.39	5.7	<0.2	<10	280	0.43	0.11	0.22	0.93	26.5	1.7	7
CC79775		0.20	<0.001	0.10	0.74	14.5	<0.2	<10	430	0.51	0.13	0.21	1.73	23.8	3.5	12
CC79776		0.28	<0.001	0.06	1.26	31.7	<0.2	<10	470	0.61	0.23	0.21	2.50	32.0	7.1	21
CC79777		0.12	0.001	0.21	0.76	7.9	<0.2	<10	690	0.55	0.11	2.40	5.14	12.90	4.7	12
CC79778		0.18	0.001	0.15	0.68	21.8	<0.2	<10	670	0.66	0.12	1.21	1.85	23.1	3.9	13

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Project: Fireside- Borneo

**CERTIFICATE OF ANALYSIS WH1109288**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
CC79718		0.99	6.0	0.41	3.22	<0.05	<0.02	0.06	0.009	0.03	10.1	1.6	0.04	10	2.07	0.01
CC79719		0.92	2.3	0.30	2.59	<0.05	<0.02	0.02	0.005	0.02	10.2	1.2	0.03	14	1.32	0.01
CC79741		1.27	17.3	1.22	1.81	0.05	0.04	0.18	0.020	0.04	14.0	2.7	0.21	149	4.64	0.01
CC79742		1.27	16.9	1.32	1.81	0.05	0.06	0.18	0.019	0.04	13.6	2.9	0.16	193	4.17	0.01
CC79743		0.66	14.9	1.39	1.75	0.05	0.05	0.16	0.019	0.03	11.5	2.2	0.15	198	4.86	0.01
CC79744		1.05	9.6	2.65	6.30	0.06	0.04	0.05	0.031	0.04	15.4	12.3	0.46	739	1.40	0.02
CC79745		0.99	16.5	1.89	5.22	0.05	0.07	0.06	0.031	0.05	14.6	10.7	0.39	351	2.47	0.02
CC79746		0.84	14.7	1.76	3.54	0.05	<0.02	0.12	0.028	0.05	18.1	8.6	0.20	138	2.74	0.01
CC79747		1.00	11.0	0.78	2.72	0.05	<0.02	0.10	0.022	0.06	19.4	3.3	0.05	40	6.81	0.01
CC79748		0.69	4.9	1.26	3.97	<0.05	<0.02	0.02	0.011	0.03	15.0	8.3	0.19	189	1.28	0.01
CC79749		0.83	17.2	1.53	3.28	0.06	0.05	0.13	0.028	0.06	17.8	5.4	0.21	203	4.04	0.02
CC79750		0.52	5.8	1.65	2.49	<0.05	<0.02	0.03	0.016	0.03	14.2	2.9	0.05	57	3.66	0.01
CC79751		1.30	17.6	1.41	4.29	0.08	0.07	0.14	0.040	0.09	27.8	5.4	0.19	313	6.41	0.02
CC79752		0.53	26.3	1.15	3.22	0.05	0.13	0.33	0.027	0.04	13.4	4.4	0.50	318	2.87	0.03
CC79753		0.49	3.9	1.13	2.38	<0.05	<0.02	0.02	0.010	0.02	14.0	4.4	0.08	45	2.95	0.01
CC79754		0.93	5.4	1.78	3.51	0.05	0.02	0.04	0.015	0.04	16.4	11.5	0.22	116	2.50	0.01
CC79755		1.63	18.7	2.43	4.33	0.05	<0.02	0.12	0.037	0.10	18.2	7.3	0.17	546	7.26	0.02
CC79756		0.97	18.5	0.60	2.30	<0.05	<0.02	0.05	0.014	0.05	14.9	1.6	0.04	34	4.26	0.01
CC79757		0.44	2.5	0.27	2.06	<0.05	<0.02	0.01	<0.005	0.02	10.6	0.5	0.01	12	1.77	<0.01
CC79758		0.90	25.2	1.85	4.15	0.06	0.13	0.41	0.028	0.04	18.5	14.0	0.40	347	3.67	0.02
CC79759		1.00	10.0	1.26	1.50	0.05	0.02	0.08	0.017	0.03	17.5	3.7	0.07	47	3.88	0.01
CC79760		2.54	15.8	0.94	2.84	<0.05	<0.02	0.24	0.016	0.05	20.2	2.0	0.09	38	4.01	0.01
CC79761		2.30	56.0	0.29	4.36	0.10	0.05	0.70	0.056	0.05	25.9	3.3	0.08	22	3.95	0.01
CC79762		1.76	7.3	0.92	2.66	<0.05	<0.02	0.14	0.015	0.04	13.7	4.3	0.06	35	3.80	0.01
CC79763		1.04	9.5	1.12	1.70	<0.05	0.03	0.06	0.017	0.03	14.7	3.1	0.04	28	6.35	0.01
CC79764		0.67	3.7	1.02	3.52	<0.05	<0.02	0.03	0.009	0.03	13.5	4.0	0.09	46	1.74	0.01
CC79765		0.63	12.4	1.37	2.02	<0.05	<0.02	0.07	0.015	0.04	16.0	1.2	0.03	27	11.35	0.01
CC79766		1.27	32.1	1.67	4.22	0.05	<0.02	0.15	0.033	0.09	19.5	2.4	0.05	302	14.40	0.02
CC79767		1.00	9.1	2.35	4.23	0.05	0.06	0.05	0.026	0.04	18.0	16.1	0.26	119	5.29	0.01
CC79768		0.72	6.4	1.28	3.65	<0.05	<0.02	0.05	0.019	0.03	16.8	3.9	0.04	20	7.53	0.01
CC79769		0.78	5.6	1.29	2.46	<0.05	<0.02	0.04	0.012	0.04	14.4	5.3	0.12	60	3.95	0.01
CC79770		0.91	6.0	1.76	3.37	<0.05	<0.02	0.03	0.013	0.03	14.8	5.7	0.10	56	3.56	0.01
CC79771		1.19	6.7	2.03	4.42	<0.05	0.03	0.05	0.015	0.04	13.6	4.4	0.09	48	3.23	0.01
CC79772		0.24	1.9	0.20	2.14	<0.05	<0.02	0.02	<0.005	0.02	10.6	0.2	0.01	13	1.07	0.01
CC79773		0.87	5.6	1.54	3.04	<0.05	<0.02	0.02	0.013	0.03	12.1	6.1	0.13	72	2.82	0.01
CC79774		1.68	5.1	0.60	2.05	<0.05	<0.02	0.02	0.010	0.04	15.7	3.5	0.08	74	1.70	0.01
CC79775		0.99	7.0	1.11	2.79	<0.05	<0.02	0.03	0.018	0.07	14.3	4.5	0.12	237	3.05	0.01
CC79776		1.29	9.5	2.34	4.69	<0.05	<0.02	0.07	0.025	0.07	18.0	11.2	0.24	456	6.92	0.01
CC79777		0.47	21.5	0.88	2.00	<0.05	0.09	0.17	0.014	0.03	7.5	3.7	0.33	777	2.69	0.02
CC79778		0.63	16.0	1.03	2.16	<0.05	0.06	0.22	0.022	0.04	13.3	3.3	0.23	175	2.95	0.01

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**CERTIFICATE OF ANALYSIS WH11099288**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
CC79718		0.34	4.0	510	10.4	5.8	<0.001	<0.01	0.67	1.0	0.3	0.4	10.7	<0.01	0.01	0.5
CC79719		0.37	2.1	280	7.4	6.8	<0.001	<0.01	0.41	0.7	0.2	0.3	7.2	<0.01	0.01	0.4
CC79741		1.41	26.7	1100	16.5	6.7	0.002	0.03	2.78	2.0	1.8	0.3	28.8	<0.01	0.04	1.4
CC79742		1.51	26.5	1000	13.1	7.0	0.002	0.03	2.43	2.1	1.9	0.3	25.1	0.01	0.04	1.3
CC79743		1.51	20.7	960	13.0	5.0	0.001	0.03	2.40	1.8	1.6	0.3	22.7	<0.01	0.04	1.3
CC79744		1.73	19.3	620	16.6	7.5	<0.001	0.01	0.59	3.1	0.7	0.7	17.0	<0.01	0.03	2.5
CC79745		1.51	20.0	570	15.1	7.8	<0.001	0.01	2.02	2.8	0.6	0.6	19.8	<0.01	0.04	2.2
CC79746		1.13	13.4	500	16.7	7.1	<0.001	0.01	2.11	2.4	0.6	0.6	18.0	<0.01	0.06	1.9
CC79747		0.91	8.7	510	17.2	8.8	<0.001	0.01	3.05	1.2	0.9	0.5	20.9	<0.01	0.06	0.7
CC79748		1.14	7.8	250	11.0	7.1	<0.001	0.01	0.54	1.3	0.2	0.6	8.8	<0.01	0.02	2.3
CC79749		1.20	19.3	810	20.7	9.2	<0.001	0.03	2.40	2.6	1.8	0.5	28.5	<0.01	0.04	1.5
CC79750		1.06	10.4	600	14.6	5.3	0.001	0.01	1.57	1.1	0.6	0.4	12.9	<0.01	0.02	1.9
CC79751		1.47	16.8	1560	22.1	13.0	<0.001	0.02	4.95	3.1	1.7	0.7	37.9	<0.01	0.09	1.4
CC79752		1.06	37.0	1670	15.9	3.6	0.002	0.13	2.96	1.9	4.9	0.5	35.4	0.01	0.04	0.8
CC79753		0.92	8.1	470	11.1	6.0	<0.001	0.01	0.87	0.9	0.6	0.3	13.5	<0.01	0.01	2.3
CC79754		1.35	12.4	530	14.0	8.1	0.001	0.01	0.94	1.3	0.4	0.5	13.7	<0.01	0.03	3.3
CC79755		1.06	19.3	1450	21.9	13.5	<0.001	0.03	2.68	1.3	1.5	0.6	22.5	<0.01	0.05	0.5
CC79756		0.43	7.0	440	9.8	9.0	<0.001	0.02	0.97	0.6	0.7	0.4	12.2	<0.01	0.01	0.2
CC79757		0.20	1.6	180	4.2	4.6	<0.001	<0.01	0.91	0.4	0.2	0.3	4.6	<0.01	<0.01	0.7
CC79758		1.14	24.3	1140	15.2	5.9	0.006	0.06	2.51	3.2	2.2	0.5	25.3	<0.01	0.03	1.9
CC79759		1.12	13.9	350	11.1	5.2	<0.001	0.01	2.18	1.3	0.7	0.3	17.0	<0.01	0.03	2.7
CC79760		1.16	6.6	540	14.3	8.3	0.001	0.03	1.89	1.2	1.8	0.5	24.4	<0.01	0.05	0.5
CC79761		2.14	45.8	570	29.1	7.1	0.007	0.11	5.75	2.0	11.0	0.9	25.9	0.01	0.08	0.5
CC79762		0.72	5.9	550	11.6	6.8	0.001	0.02	1.38	1.0	0.8	0.4	12.5	<0.01	0.01	0.9
CC79763		1.39	6.9	270	9.3	5.4	<0.001	0.01	2.70	1.0	0.8	0.3	12.8	<0.01	0.03	2.3
CC79764		0.62	5.2	390	9.3	6.4	<0.001	0.01	0.66	0.5	0.3	0.5	6.8	<0.01	0.01	0.5
CC79765		0.82	13.0	630	17.6	7.5	0.001	0.02	4.28	1.2	1.3	0.3	20.9	<0.01	0.03	1.9
CC79766		0.88	19.6	1140	24.2	18.0	<0.001	0.02	5.10	0.7	1.8	0.8	23.6	<0.01	0.11	0.2
CC79767		1.22	18.5	470	14.6	11.4	<0.001	0.01	2.09	2.0	0.9	0.6	12.8	<0.01	0.03	4.3
CC79768		1.17	7.7	460	16.0	5.7	<0.001	0.01	3.63	1.0	0.8	0.5	14.9	<0.01	0.05	1.8
CC79769		1.07	9.3	350	9.2	10.3	<0.001	0.01	1.61	1.0	0.5	0.3	13.8	<0.01	0.03	2.3
CC79770		1.36	9.0	1440	14.8	9.4	0.001	0.02	1.48	1.1	0.6	0.4	16.1	<0.01	0.02	2.2
CC79771		1.67	7.7	1810	18.1	10.3	<0.001	0.01	1.28	1.2	0.9	0.5	11.6	<0.01	0.01	3.4
CC79772		0.18	1.1	180	3.8	1.8	<0.001	0.01	0.30	0.2	0.2	0.4	6.3	<0.01	<0.01	0.5
CC79773		0.83	10.3	480	10.7	9.7	<0.001	0.01	0.97	0.7	0.5	0.4	7.9	<0.01	0.02	0.4
CC79774		1.20	6.9	290	8.8	10.0	0.001	0.01	0.82	0.7	0.4	0.4	14.0	<0.01	0.02	1.6
CC79775		0.79	9.8	660	13.8	10.7	0.001	0.02	1.07	1.0	0.6	0.4	18.3	<0.01	0.02	0.5
CC79776		1.28	15.4	680	21.7	14.9	0.001	0.01	1.46	1.7	1.9	0.7	17.9	<0.01	0.03	1.2
CC79777		0.66	29.8	1450	6.5	3.2	0.005	0.13	2.71	1.1	4.4	0.3	25.4	0.01	0.01	0.6
CC79778		0.86	19.9	850	13.8	4.9	0.002	0.07	2.48	1.8	2.0	0.3	21.7	<0.01	0.03	0.7



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**CERTIFICATE OF ANALYSIS WH11099288**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
CC79718		<0.005	0.24	0.85	36	0.17	4.10	13	<0.5
CC79719		0.008	0.19	0.45	21	0.12	1.93	8	<0.5
CC79741		0.005	0.81	4.42	58	0.39	14.75	143	1.5
CC79742		0.005	0.51	6.30	67	0.45	15.45	124	2.2
CC79743		0.005	0.39	5.14	69	0.36	10.70	100	1.9
CC79744		0.019	0.29	2.72	68	0.30	8.82	93	1.4
CC79745		0.013	0.24	3.44	83	0.22	8.62	89	2.7
CC79746		0.012	0.30	1.77	75	0.20	14.20	69	0.6
CC79747		<0.005	0.35	1.86	82	0.21	12.05	28	<0.5
CC79748		0.018	0.21	0.66	40	0.17	3.15	57	<0.5
CC79749		0.007	0.58	8.94	98	0.20	17.95	75	2.0
CC79750		0.009	0.30	0.71	53	0.16	2.97	56	<0.5
CC79751		0.006	0.55	4.84	111	0.28	24.4	80	2.3
CC79752		0.005	0.29	19.40	97	0.12	16.45	84	4.7
CC79753		0.011	0.33	0.67	40	0.51	2.98	62	0.6
CC79754		0.015	0.32	0.80	55	0.16	3.52	88	1.1
CC79755		0.006	0.59	3.09	98	0.37	10.10	126	<0.5
CC79756		0.006	0.26	2.46	36	0.17	10.10	39	<0.5
CC79757		0.007	0.12	0.30	18	0.08	1.23	17	<0.5
CC79758		0.013	0.26	18.90	67	0.26	18.85	78	4.2
CC79759		0.007	0.27	1.05	50	0.45	4.77	52	1.0
CC79760		0.005	0.35	2.19	57	0.32	9.08	22	0.5
CC79761		<0.005	0.97	9.33	122	0.19	31.6	189	2.5
CC79762		0.007	0.55	1.05	52	0.21	4.42	28	<0.5
CC79763		0.006	0.46	1.12	58	0.29	2.93	31	1.7
CC79764		0.010	0.18	0.39	41	0.21	1.86	25	<0.5
CC79765		0.007	0.81	2.14	93	0.41	4.92	71	0.6
CC79766		<0.005	0.57	8.36	197	0.76	15.45	69	<0.5
CC79767		0.015	0.37	1.05	77	0.29	4.12	88	3.0
CC79768		0.008	0.39	1.44	129	0.33	4.13	45	<0.5
CC79769		0.014	0.37	0.66	48	0.21	2.90	58	0.7
CC79770		0.013	0.48	0.71	58	0.29	3.24	48	<0.5
CC79771		0.019	0.68	0.94	65	0.33	2.64	47	1.8
CC79772		0.007	0.10	0.21	12	0.09	0.94	9	<0.5
CC79773		0.011	0.23	0.47	48	0.27	2.29	49	<0.5
CC79774		0.010	0.26	0.93	32	0.33	4.07	60	<0.5
CC79775		0.006	0.44	1.83	60	0.18	6.73	74	<0.5
CC79776		0.009	0.53	2.54	101	0.19	5.84	183	<0.5
CC79777		0.010	0.11	9.12	38	0.12	8.24	92	3.1
CC79778		<0.005	0.26	4.34	65	0.12	13.65	54	2.2



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**CERTIFICATE OF ANALYSIS WH11099288**

Method	CERTIFICATE COMMENTS
ME- MS41	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).

## **Borneo Project**

Project Expenditures = \$11,390.03