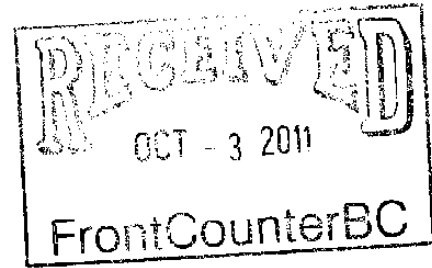


32512



**REPORT**  
**ON**  
**SOIL GEOCHEMICAL CHEMISTRY**  
**KEITHLEY CREEK AREA**  
**WEAVER CREEK**  
**CARIBOO MINING DIVISION**  
**BRITISH COLUMBIA**  
**EVENT NUMBER 4902826**  
**NTS 93A/14W**  
**FOR**  
**NOBLE METAL GROUP INCORPORATED**  
**BY**  
**W.G TIMMINS, P.Eng**  
**SEPTEMBER 29, 2011**

BC Geological Survey  
Assessment Report  
32512

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## Summary

Noble Metal Group Incorporated holds title to 73 mineral claims in the Cariboo Mining Division of British Columbia, Canada, NTS 93A/14W near the community of Likely, B.C.

Intermittent exploration has been carried out over portions of the property in past years.

This report contains an interpretation of analytical results following completion of a reconnaissance geochemical soil sampling survey west of Weaver Creek carried out in June, 2011. The survey was designed to test an area west of the previous survey grid straddling Weaver Creek in the north eastern sector of the property. The succession of rocks from the Snowshoe Group of metasediments is intruded by dioritic rocks and ultramafic zones.

Two anomalous values of 20 ppb are reported as shown on the figure 4 profile as well as an anomaly from the sample taken on the upper bench east of Weaver Creek.

The values at stations S-6B and S-10 along designated line S require further data to provide an accurate interpretation. In view of the above, additional soil geochemical surveying to the north, is recommended.

Respectfully submitted,



W.G Timmins, P.Eng.

September 29, 2011

## Introduction and Term of Reference

The author was retained by Noble Metal Group Incorporated (the “company”) to interpret and consult on the results of a geochemical soil reconnaissance survey conducted in the Weaver Creek area within the company’s wholly owned Cariboo Mineral Property.

The survey was carried out along the main access road as illustrated in figure 3 using a JD 992 excavator in the collection of the soil samples from the uncontaminated “C” horizon from the upper side of the ditch.

While carrying out the geochemical soil survey excess work was also carried out in the ditching and rehabilitation of a portion of the main access road within the J1 and STU 1 mineral claims.

Survey information was reported to the author by the company.

## PROPERTY DESCRIPTION AND LOCATION

The property is located approximately 21 kilometers north-northeast of the community of Likely, in the Cariboo Mining Division of British Columbia, Canada, NTS 93A073, 93A083 centered approximately at latitude 52 47'N, longitude 121 29'W (Figures 1&2).

The property consists of 73 contiguous located claims containing 11,214,79 hectares (27711.37 acres).

A list of the claim tenure numbers and expiry dates are tabulated below and illustrated on Figure 2.

<u>Tenure No.</u>	<u>Claim Name</u>	<u>Area (ha)</u>	<u>Expiry Date</u>
204756	CAC 1	500	2011/07/12
204757	CAC 11	500	2011/07/18
205123	CAC 3	500	2011/07/31
205124	CAC 4	500	2011/07/31
205125	CAC 5	500	2011/07/31
412720	CAC 6	500	2011/11/15
412721	CAC 7	500	2011/11/15
412722	CAC 8	500	2011/07/31
204351	CASCA 1	200	2011/11/15
204363	CASCA 3	400	2011/10/23
204364	CASCA 4	400	2011/10/23
410855	CASCA 5	500	2011/07/31
204185	D.D. 2	150	2011/08/17
349094	D.D. 3	300	2011/07/14
349095	D.D. 4	500	2011/07/19
349096	D.D. 5	500	2011/07/19
349097	D.D. 6	500	2011/07/17
349098	D.D. 7	25	2011/07/16
349099	D.D. 8	25	2011/07/16
349100	D.D. 9	25	2011/07/16
410856	DOT 1	500	2011/07/31
410865	DOT 2	25	2012/05/27
410872	DOT 3	25	2012/05/27
834947	CASCA 2E	371.4962	2011/10/03
834951	CASCA 2W	293.2916	2011/10/03

<b>Tenure No.</b>	<b>Claim Name</b>	<b>Area (ha)</b>	<b>Expiry Date</b>
410873	DOT 4	25	2012/05/27
410874	DOT 5	25	2012/05/27
410875	DOT 6	25	2012/05/27
410876	DOT 7	25	2012/05/27
410877	DOT 8	25	2012/05/27
204123	J # 1	500	2011/10/12
302656	J-2	450	2011/09/30
313489	NMG 1	25	2011/09/24
313490	NMG 2	25	2011/09/24
313491	NMG 3	25	2011/09/24
313492	NMG 4	25	2011/09/24
313493	NMG 5	25	2011/09/24
313494	NMG 6	25	2011/09/24
313495	NMG 7	25	2011/09/24
313496	NMG 8	25	2011/09/24
313497	NMG 9	25	2011/09/25
313498	NMG 10	25	2011/09/25
313499	NMG 11	25	2011/09/25
313500	NMG 12	25	2011/09/25
320311	NMG 13	25	2011/08/07
320312	NMG 14	25	2011/08/07
320313	NMG 15	25	2011/08/07
320314	NMG 16	25	2011/08/07
320315	NMG 17	25	2011/08/07
320316	NMG 18	25	2011/08/07
320317	NMG 19	25	2011/08/07
320318	NMG 20	25	2011/08/07
320319	NMG 21	25	2011/08/07
320320	NMG 22	25	2011/08/07
320321	NMG 23	25	2011/08/11
320322	NMG 24	25	2011/08/08
320323	NMG 25	25	2011/08/08
320324	NMG 26	25	2011/08/08
320325	NMG 27	25	2011/08/08
320326	NMG 28	25	2011/07/08
320327	NMG 29	25	2011/08/09
320328	NMG 30	25	2011/08/09
320329	NMG 31	25	2011/08/09
320330	NMG 32	25	2011/08/09
320331	NMG 33	25	2011/08/09
320332	NMG 34	25	2011/08/09

<b>Tenure No.</b>	<b>Claim Name</b>	<b>Area (ha)</b>	<b>Expiry Date</b>
410850	NMG 35	25	2012/05/16
410851	NMG 36	25	2012/05/16
410852	NMG 37	25	2012/05/16
410853	NMG 38	25	2012/05/16
410854	NMG 39	25	2012/05/16
320338	NMG 40	25	2011/08/10
201184	STU 1	300	2011/08/17

This report covers work completed and filed as Event Number 4902826 on July 07, 2011 for the claims listed below and their new expiry dates.

<b>Tenure No.</b>	<b>Claim Name</b>	<b>Area (ha)</b>	<b>Expiry Date</b>
204756	CAC I	500	2012/06/15
204757	CAC II	500	2012/06/15
410876	DOT 7	1	2012/05/27
410877	DOT 8	1	2012/05/27
302656	J-2	450	2011/09/30
349097	D.D. 6	500	2012/06/15
204184	STU 1	300	2012/06/15
204185	D.D. 2	150	2012/06/15
349094	D.D. 3	300	2012/06/15
349095	D.D. 4	500	2012/06/15
349096	D.D. 5	500	2012/06/15



## **ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

The property is located in the Quesnel Highlands of Central British Columbia with elevations ranging from 1000 to 1500 meters above sea level.

Topography varies from steep along Keithley Creek and Snowshoe Creek to moderate and gentle at higher elevations, up to the Pikes Peak area where steep rugged slopes occur.

Keithley Creek flows in a southeasterly direction through the centre of the property with many creeks such as Donaldson, Honest John, Rabbit, Snowshoe, and Weaver Creeks which flow into Keithley Creek.

The area receives significant precipitation throughout the year occurring from both rain and snow. Accumulations of snow may reach three meters or more during the winter months. Temperatures can vary from  $-25^{\circ}$  in winter to  $+30^{\circ}$  in summer.

The natural vegetation is predominantly coniferous forest consisting of spruce, balsam, firs, and cedar. Large portions of the property have been logged by clear cutting and most of these areas have been replanted. Many of the replanted areas contain second growth trees ranging from three to ten meters in height.

Access to the property is provided by an all-weather road to Keithley Creek from the community of Likely, B.C. From the old settlement of Keithley Creek, a gravel logging road leads to the property. A networking of logging and skid roads provide good access to all areas of the property. Upgrading is often required.

A complete camp consisting of trailers with built-on additions including kitchen diner, three bedroom mobile, generator building, geological and core buildings, garage and building for small tools is located on the J1 claim about 12 kilometers from the main road at Cariboo Lake.

The community of Likely, situated on Quesnel Lake, is reached by paved highway off Highway 97 about 12 kilometers southeast of the Town of Williams Lake. Distance from Highway 97 to Likely is approximately 90 kilometers.

Williams Lake is a logging and lumber centre serviced by scheduled daily air service from Vancouver. Necessary supplies and equipment as well as local labor and modern communications are readily available.

Power for exploration purposes would be supplied by portable generating units if required, while water services are plentiful from the numerous creeks and rivers.



NOBLE METAL GROUP INCORPORATED

**CARIBOO MINERAL PROPERTY**

KEITHLEY CREEK, B. C.  
CARIBOO MINING DIVISION

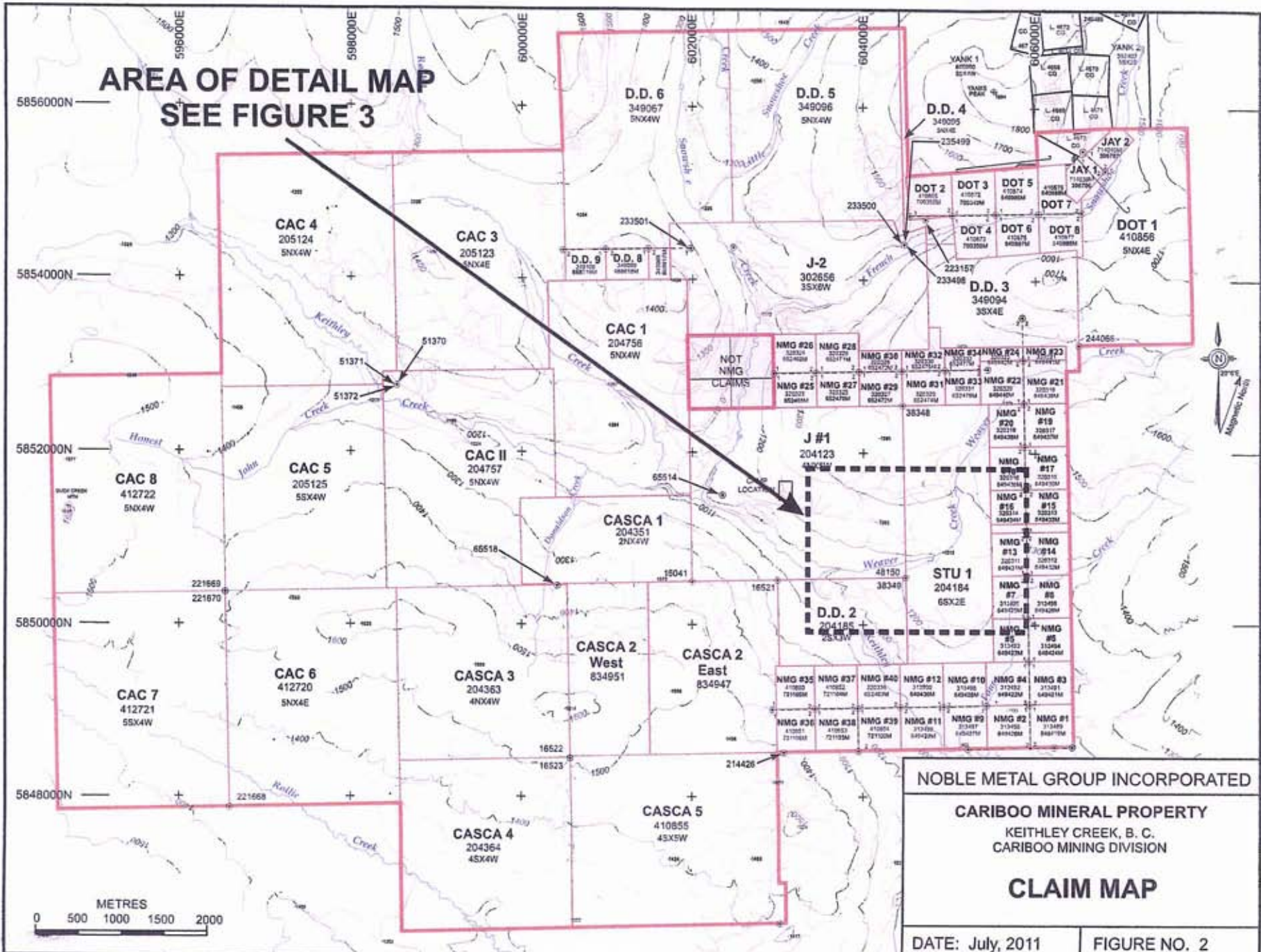
**LOCATION MAP**

DATE: July, 2011

FIGURE NO. 1



# AREA OF DETAIL MAP SEE FIGURE 3



**NOBLE METAL GROUP INCORPORATED**

**CARIBOO MINERAL PROPERTY**  
 KEITHLEY CREEK, B. C.  
 CARIBOO MINING DIVISION

**CLAIM MAP**

DATE: July, 2011      FIGURE NO. 2

## **HISTORY**

The Cariboo region of British Columbia is notable for the gold rush that began in 1860, which has continued to some degree to the present day. Placer gold was discovered in Keithley, Snowshoe, Little Snowshoe, and French Snowshoe Creeks around the same time.

Prospecting for hard rock deposits started shortly after the Cariboo gold rush began with production in the Wells-Barkerville area.

Noble Metal Group Incorporated and its predecessor company Cascadia Mines and Resources Ltd. have been carrying out intermittent exploration for lode deposits since 1979.

Various work programs have been carried out in several areas of the property including soil geochemical surveys, magnetic, and electro-magnetic surveys, Induced Polarization surveys, trenching, and diamond drilling.

The most recent Induced Polarization surveys were carried out by Pacific Geophysical Ltd. in 1995 and 1996. Several anomalies were tested by diamond drilling in 1996 and 2001 and anomalous values in gold, nickel, chromium, strontium, and vanadium were intersected.

A geochemical soil sampling survey was carried out over sections of the CAC 1, CAC 2 and CAC 3 mineral claims between May 20 and July 30, 2003.

Geochemical soil sampling surveys were carried out in the Weaver Creek area in 2007-2008. An electromagnetic and magnetometer survey was performed in 2009.

## GEOLOGICAL SETTING

### Regional Geology

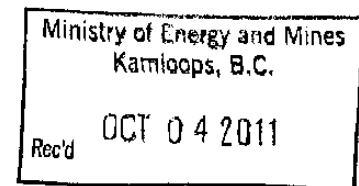
The Cariboo mining district is divided into four tectonically and stratigraphically unique terrains. The rocks of the four terrains range in age from Proterzoic to Jurassic and were deposits into an ocean environment. From east to west, the terrains are Cariboo (continental shelf clastics and carbonates, Barkerville (continental shelf and slop clastics, carbonates and volcanoclastics), Slide Mountain (rift floor pillowed basalt and chert) and Quesnel (island arc volcanoclastics and fine grained clastics.) (See Figure 3)

The Cariboo Terrain is of Precambrian and Permo Triassic age and is in fault contact with the western margin of Precambrian North American Crater along the Rocky Mountain Trench. It can be divided into two successions, one Cambrian and older and the other Ordovician to Permo-Triassic. The older succession consists of grit, limestone, sandstone, shale and is unconformably overlain by the younger snccession of basinal shale, dolostone, wacke, limestone, and basalt.

The Barkerville Terrain consists of Precambrian and Palaeozoic rocks ranging in composition from grit, quartzite, and black pelite to lesser limestone and volcanoclastics rocks. The contact between the Barkerville and Cariboo terrains in the northwest trending, east dipping Pleasant Valley Thrust.

The Barkerville and Cariboo terrains are over thrust (Pundata Thrust) by the Slide Mountain Terrain. The Slide Mountain Terrain consists of Mississippian to Permian basalt in part pillowed, and chert pelite sequences intruded by diorite, gabbro, and minor ultramafic rocks.

The Quesnel Terrain lies west of the Slide Mountain Terrains and consists of Upper Triassic and Lower Jurassic black shale and volcanoclastics greenstone.



## **Property Geology**

The mineral claims are underlain by the rocks of the Ramos succession of which interbedded quartzite and phyllite are the most abundant. The age of the Ramos succession is believed to be Hadrynian.

The quartzite is olive to grey on fresh surfaces, it is poorly sorted and generally medium to coarse grained. The quartz clasts are predominately glass clear and grey with minor blue. The quartzite is usually micaceous and sericite, epidote, muscovite, chlorite, and biotite occur along foliations. Some sections of the quartzite are weakly calcareous.

Graphitic schist containing pyritic sulphides was noted in proximity to anomalous gold values obtained by the Weaver Creek stream sediment survey in 2003 prompting the 2007-2008 soil sampling surveys and the 2009 geophysical survey.

The phyllite varies from olive gray to black with chlorite, graphite and accessory pyrite, and pyrrhotite. There is often rhythmic banding within the phyllite and contacts between the quartzite and phyllite are usually sharp.

The local area is underlain by the rocks of the Ramos succession containing phyllite, schist, calc-silicate rocks, and quartzite.

The main structure in the area is the Keithley Creek Thrust Fault that runs from Shoal's Bay on the Quesnel Lake northwest up Keithley Creek and along the lower portion of Rabbit Creek carrying onto the northwest across Fontaine Creek. The dominant geological strike in the survey area is northwest however may be displaced by northeasterly trending faults.

## **Mineralization**

Past geophysical surveys and diamond drill data reveals variable thicknesses of interbedded quartzite and green to black or grey phyllite intruded by diorite dikes, quartz-feldspar porphyry and altered ultramafic sill-like sections.

Sulphide enrichment consisting of pyrite and pyrrhotite occurs on chloritic and graphitic lamella and shear planes, quartz carbonate veins and veinlets and as disseminations and filling micro fractures.

Anomalous values in gold up to 0.07 oz/ton, nickel up to 1.0% chromium up to 0.19% as well as anomalous values in strontium and vanadium have been encountered.

Significant iron oxide has been observed in minimal outcrop exposure west of Weaver Creek.

### **WORK PROGRAM (Figure 3)**

A modest geochemical soil sampling program was carried out by Noble Metal Group Incorporated from June 15 to June 20 inclusive of 2011.

While carrying out the geochemical soil survey excess work was also carried out in the ditching and rehabilitation of the main access road within the J1 and STU 1 mineral claims.

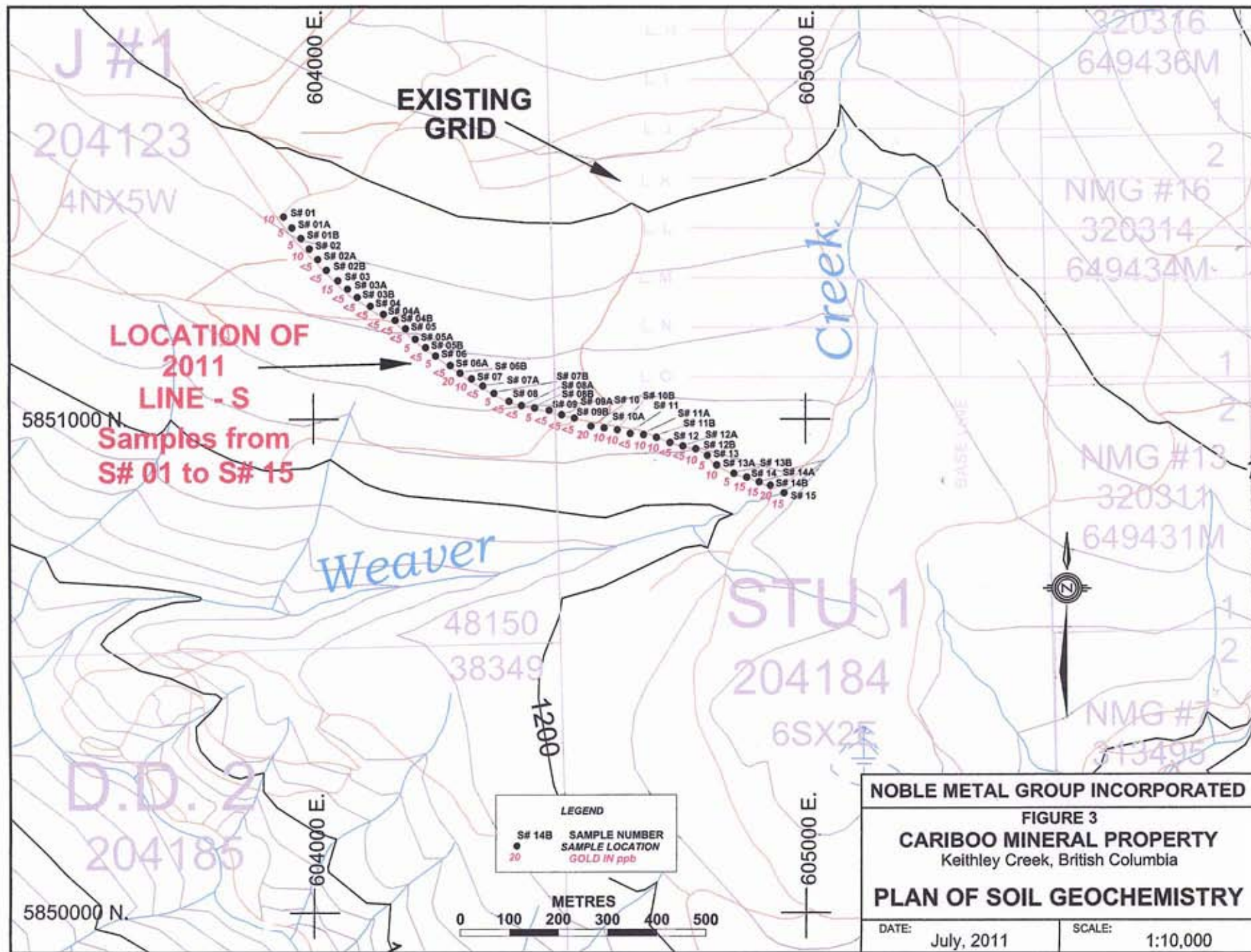
A JD 992 excavator was utilized in the collection of the soil samples from the uncontaminated "C" horizon. Samples were taken every 27 meters as illustrated in figure 3.

A total of 43 samples were collected and placed in properly marked Kraft bags. The soil sampling was carried out as an aid to further investigate oxidized zones.

The samples were transported and stored each day in a secure building at the Noble camp where they were dried and packed. Upon the completion of the program the samples were transported to the Author who delivered them to Eco Tech Laboratories in Kamloops, British Columbia.

Information for this report was supplied to the author by D Dennis of Noble Metal Group Incorporated and from analytical results received from Eco-Tech Laboratories in Kamloops, British Columbia.





**LOCATION OF  
2011  
LINE - S**  
Samples from  
S# 01 to S# 15

**LEGEND**  
 ● S# 14B SAMPLE NUMBER  
 ● SAMPLE LOCATION  
 20 GOLD IN ppb

**METRES**  
 0 100 200 300 400 500

**NOBLE METAL GROUP INCORPORATED**

**FIGURE 3**  
**CARIBOO MINERAL PROPERTY**  
 Keithley Creek, British Columbia  
**PLAN OF SOIL GEOCHEMISTRY**

DATE: July, 2011

SCALE: 1:10,000

## **ANALYTICAL METHODOLOGY AND PROCEDURE**

### **Sample Preparation**

Samples (minimum sample size 250g) are catalogued and logged into the sample-tracking database. During the in process, samples are checked for spillage and general sample integrity. It is verified that samples match the sample shipment requisition provided by clients. The samples are transferred into a drying oven and dried.

Soils are prepared by sieving through an 80-mesh screen to obtain a minus 80-mesh fraction. Samples are unable to produce adequate minus 8-mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh.

Rock samples are crushed on a Terminator jaw crusher to -10 mesh ensuring that 70% passes through a Tyler 10 mesh screen.

Every 35 samples a re-split is taken using a riffle splitter to be tested to ensure the homogeneity of the crushed material.

A 250 gram sub sample of the crushed material is pulverized on a ring mill pulverizer ensuring that 95% passes through a -150 mesh screen. The sub sample is rolled, homogenized and bagged in a pre-numbered bag. Barren gravel blank is prepared before each job in the sample prep to be analyzed for trace contamination along with the processed samples.

### **GOLD FIRE ASSAY: GEOCHEM (Au2-15,30,50)**

A 15/30/50 g sample size is fired assay along with certified reference materials using appropriate fluxes. The flux used is pre-mixed, purchased from Anachemia which contains Cookson Granular Litharge. (Silver and gold free). The ratios are 66% Litharge, 24% Sodium Carbonate, 2.7% Borax, and 7.3% Silica. (The charges may be adjusted based on the sample). Flux weight per fusion is 150g. Purified Silver Nitrate or inquarts for the necessary silver addition is used for inquartation.

The resultant dore bead is parted and then digested with nitric acid followed by hydrochloric acid solutions and then analyzed on an atomic absorption instrument (Perkin Elmer/Thermo S-Series AA instrument).

Over-range geochem values (detection limit 5-1000ppb) for rocks are re-analyzed using gold assay methods (see below).

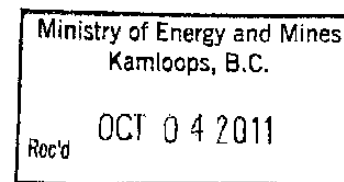
Appropriate certified reference material and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet for quality control assessment.

Results are collated by a computer and are imprinted along with accompanying quality data (repeats and standards). Results are emails, faxed or mailed to the clients.

## ICP-AES AQUA REGIS DIGESTION (AR-ES)

A 0.5 gram is digested with a 3:1:2 (HCl: HNO<sub>3</sub>: H<sub>2</sub>O) solution in water bath at 95<sup>0</sup>C. The sample is then diluted to 10ml with water. All solutions used during the digestion process contain beryllium, which acts as an internal standard for the ICP run. The sample is analyzed on a Thermo IRIS Intrepid II XSP ICP unit. Certified reference material is used to check the performance of the machine and to ensure that proper digestion occurred in the wet lab. QC samples are run along with the client samples to ensure no machine drift occurred during the run procedure. Repeat samples (every batch of 10 or less) and re-splits (every batch of 35 or less) are also run to ensure proper weighing and digestion occurred.

Results are collated by a computer and are printed along with accompanying quality control data (repeats, re-splits, and standards). Any of the base metal elements (Ag, Cu, Pb, Zn) that are over limit (>1.0%) are immediately run as an ore grade assay.

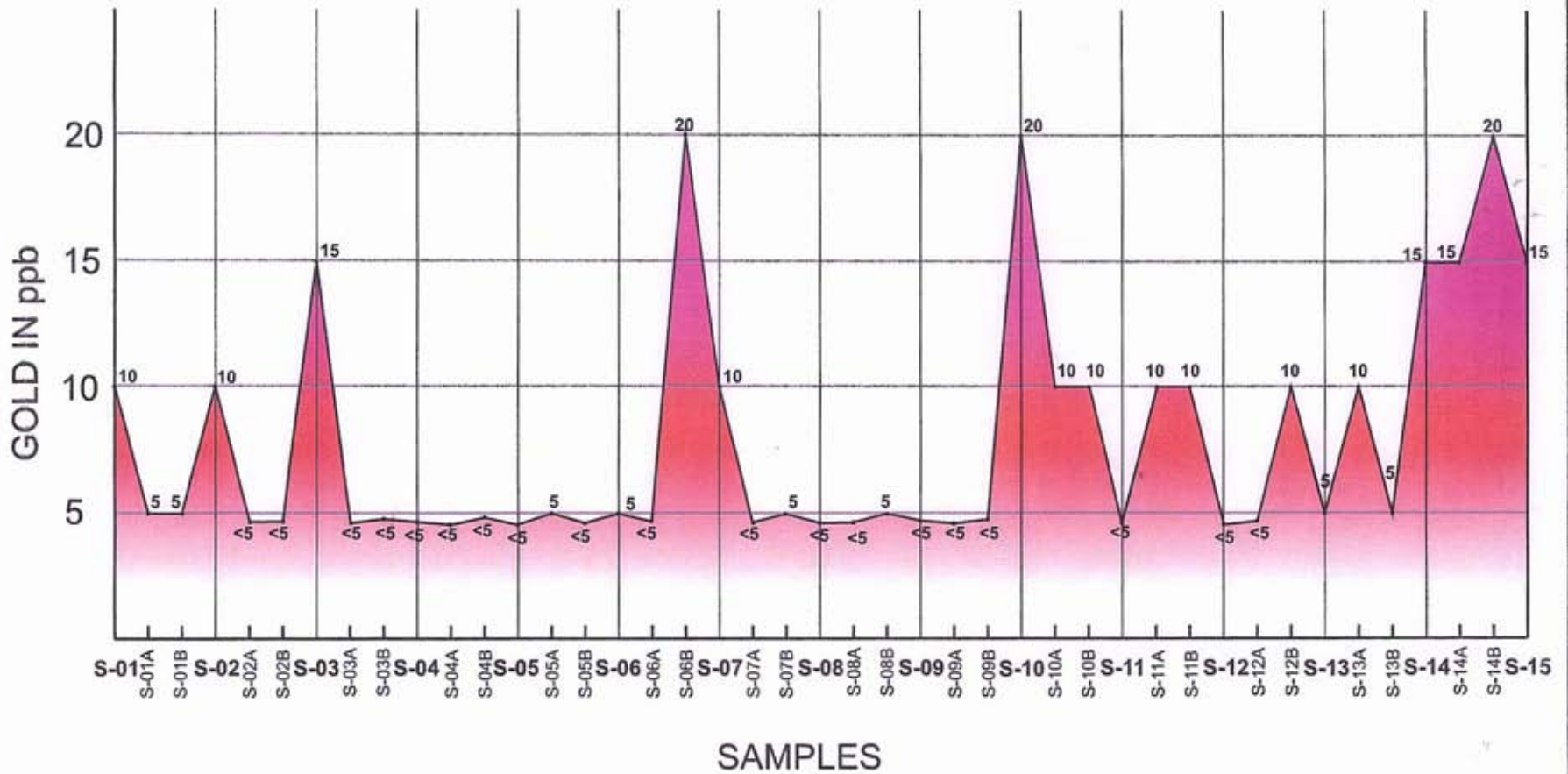


## **SOIL GEOCHEMICAL RESULTS (Figure 4)**

Gold assay results ranged from <5 ppb to 20 ppb along designated line S. Samples S-6B and S-10 are single point highs (20 ppb) while S14B is flanked by 15 ppb values and is likely related to proximity of the present Weaver Creek. It is noted that a number of values of 10 ppb occur between the 20 ppb values at S-10 and S-15, some 375 meters.

Further data is required to determine the significance of the anomalous values.

Other elements analyzed exhibit background values.



NOBLE METAL GROUP INCORPORATED

**FIGURE 4**  
**CARIBOO MINERAL PROPERTY**  
 KEITHLEY CREEK, B. C.

**PROFILE OF**  
**SOIL GEOCHEMISTRY**

DATE: July, 2011      SCALE: 1:5,000

## **CONCLUSIONS AND RECOMMENDATIONS**

The results of the survey indicate anomalous values of 10-20 ppb gold in an area known to contain oxidized zones. In order to determine accurate interpretation of the results, further data is required; therefore additional geochemical soil sampling is recommended north of the current survey.

Respectfully submitted

A handwritten signature in black ink, appearing to read 'W.G. Timmins', written in a cursive style.

W.G. Timmins P.Eng

September 29,2011

# APPENDIX I

## EXPENDITURES

Date of Work

June 15 – June 20 Inclusive, 2011

Work Performed on Tenures 204123 and 204184

### MOB and DEMOB

Supervisor Truck Mileage – Kelowna- Prop – Return	1,362km @ \$0.65/km	= \$ 885.30
Operator – 100 Mile House – Prop – Return	448km @ \$0.65/km	= \$ 291.20
Ass't – Williams Lake – Prop – Return	288km @ \$0.65	= \$ 187.20
JD 992 Excavator To and From work-site	4 hours @ \$220.00	= <u>\$ 880.00</u>
Sub-Total:		= \$2,243.70

### WORK PROGRAM:

JD 992 Excavator	20.5 hours @ \$220.00/hr	= \$4,510.00
Supervisor	4 Days @ \$400.00/Day	= \$1,600.00
Assistant	3 Days @ \$250.00/Day	= \$ 750.00
In Field Truck Rental	4 Days @ \$50.00/Day	= \$ 200.00
Room and Board – 3 people (12 Person Days ) @ \$100.00/Day		= \$1,200.00
Assays		= \$1,249.26
Report including typing, drafting, copying, binding and related costs		= <u>\$4,725.00</u>
Sub-Total		= <u>\$14,234.26</u>
<b>Grand Total</b>	<b>\$2,243.70 + \$14,234.26</b>	<b>= <u>\$16,477.96</u></b>

No. of person days – 10 days



W.G. Timmins, P.Eng

In account with Noble Metal Group Incorporated:

1520-543 Granville Street

Vancouver, B.C.

V6C 1X8

Report on Soil Geochemistry, Cariboo Mining Division:

Includes preparation, typing drafting, printing, binding, etc.

Fee \$4725.00

# APPENDIX II

## ASSAY RESULTS

Eco Tech Laboratory Ltd.  
10041 Dallas Drive  
Kamloops, BC  
V2C 6T4 Canada  
Tel + 250 573 5700  
Fax + 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

**CERTIFICATE OF ANALYSIS AK 2011-0839**

**William Timmins**  
Unit #3 - 950 Lanfranco Road  
Kelowna, BC  
V1W 3W8

21-Jul-11

*No. of samples received: 43*  
*Sample Type: Soil*  
*Submitted by: William Timmins*

<b>ET #.</b>	<b>Tag #</b>	<b>Au (ppb)</b>
1	S#01	10
2	S#02	10
3	S#03	15
4	S#04	<5
5	S#05	<5
6	S#06	5
7	S#07	10
8	S#08	<5
9	S#09	<5
10	S#10	20
11	S#11	<5
12	S#12	<5
13	S#1A	5
14	S#1B	5
15	S#2A	<5
16	S#2B	<5
17	S#3A	<5
18	S#3B	<5
19	S#4A	<5
20	S#4B	5
21	S#5A	5
22	S#5B	<5
23	S#6A	<5
24	S#6B	20
25	S#7A	<5
26	S#7B	5
27	S#8A	<5
28	S#8B	5
29	S#9A	<5
30	S#9B	<5

Eco Tech Laboratory Ltd.  
10041 Dallas Drive  
Kamloops, BC  
V2C 6T4 Canada  
Tel + 250 573 5700  
Fax + 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

**William Timmins AK11-0839**

21-Jul-11

<u>ET #.</u>	<u>Tag #</u>	<u>Au</u> <u>(ppb)</u>
31	S#10A	10
32	S#10B	10
33	S#11A	10
34	S#11B	10
35	S#12A	<5
36	S#12B	10
37	S#13	5
38	S#13A	10
39	S#13B	5
40	S#14	15
41	S#14A	15
42	S#14B	20
43	S#15	15

**QC DATA:**

**Repeat:**

4	S#04	<5
13	S#1A	<5
23	S#6A	<5
30	S#9B	<5
38	S#13A	5

**Standard:**

OXE86	610
OXG83	995

**FA Geochem/AA Finish**

NM/EL  
XLS/11

  
**ECO TECH LABORATORY LTD.**  
Norman Monteith  
B.C. Certified Assayer

-Jul-11

Stewart Group  
ECO TECH LABORATORY LTD.  
10041 Dallas Drive  
KAMLOOPS, B.C.  
V2C 6T4  
[www.stewartgroupglobal.com](http://www.stewartgroupglobal.com)

ICP CERTIFICATE OF ANALYSIS AK 2011-0839

William Timmins  
Unit #3 - 950 Lanfranco Road  
Kelowna, BC  
V1W 3W8

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No. of samples received: 43  
Sample Type: Soil  
Submitted by: William Timmins

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	NI	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	S#01	<0.2	0.96	15	44	<1	<5	0.04	<1	11	40	32	2.91	<5	0.06	34	14	0.37	400	2	0.02	38	320	27	<0.01	<5	2	<10	<5	8	0.01	<5	20	<5	4	84
2	S#02	<0.2	0.90	15	42	<1	<5	0.05	<1	11	24	32	2.92	<5	0.07	28	10	0.30	450	1	0.02	34	350	27	<0.01	<5	2	<10	<5	8	0.02	<5	16	<5	4	78
3	S#03	<0.2	1.33	15	40	<1	<5	0.03	<1	9	38	30	3.69	<5	0.06	32	20	0.48	275	2	0.02	36	530	27	<0.01	<5	1	<10	<5	6	0.01	<5	22	<5	4	94
4	S#04	0.2	1.61	15	54	<1	<5	0.04	<1	10	46	26	4.12	<5	0.06	32	22	0.48	310	2	0.02	38	830	30	<0.01	<5	2	<10	<5	8	0.01	<5	24	<5	4	102
5	S#05	1.0	1.89	15	60	<1	<5	0.13	<1	10	52	32	4.44	<5	0.06	30	26	0.50	290	2	0.03	42	800	33	0.01	<5	2	<10	<5	10	<0.01	<5	24	<5	4	132
6	S#06	<0.2	1.18	15	48	<1	<5	0.03	<1	12	32	36	3.24	<5	0.08	34	16	0.43	375	2	0.02	40	450	27	<0.01	<5	2	<10	<5	6	0.02	<5	20	<5	4	106
7	S#07	<0.2	1.18	20	44	<1	<5	0.02	<1	15	44	44	3.59	<5	0.07	38	14	0.46	560	2	0.02	54	270	36	<0.01	<5	2	<10	<5	8	<0.01	<5	24	<5	5	124
8	S#08	<0.2	2.34	15	58	<1	<5	0.04	<1	16	34	48	3.11	<5	0.09	38	42	0.68	280	2	0.02	56	540	27	<0.01	<5	2	<10	<5	8	<0.01	<5	16	<5	5	118
9	S#09	<0.2	1.83	15	52	<1	<5	0.05	<1	17	50	38	3.61	<5	0.07	36	26	0.52	385	2	0.02	65	580	33	<0.01	<5	2	<10	<5	8	0.01	<5	22	<5	4	138
10	S#10	<0.2	1.39	15	54	<1	<5	0.06	<1	22	32	36	3.20	<5	0.08	46	20	0.48	715	3	0.02	40	670	39	<0.01	<5	2	<10	<5	10	<0.01	<5	20	<5	6	90
11	S#11	<0.2	1.35	15	56	<1	<5	0.06	<1	14	48	38	3.36	<5	0.09	32	18	0.52	550	2	0.02	49	640	33	<0.01	<5	2	<10	<5	8	0.02	<5	24	<5	5	104
12	S#12	<0.2	1.30	15	94	<1	<5	0.10	<1	13	40	52	3.59	<5	0.11	36	16	0.49	520	2	0.02	49	770	30	<0.01	<5	3	<10	<5	12	0.02	<5	26	<5	8	140
13	S#1A	<0.2	1.00	10	56	<1	<5	0.05	<1	7	30	16	2.81	<5	0.08	28	12	0.29	235	1	0.02	25	540	24	<0.01	<5	1	<10	<5	6	<0.01	<5	18	<5	3	70
14	S#1B	<0.2	1.30	15	48	<1	<5	0.07	<1	11	36	28	3.75	<5	0.07	32	20	0.40	285	2	0.03	34	940	30	<0.01	<5	2	<10	<5	10	0.02	<5	28	<5	4	112
15	S#2A	<0.2	1.26	15	42	<1	<5	0.04	<1	10	42	26	3.36	<5	0.07	38	18	0.49	335	2	0.02	34	450	24	<0.01	<5	1	<10	<5	8	0.01	<5	22	<5	4	88
16	S#2B	<0.2	0.97	15	30	<1	<5	0.09	<1	9	30	28	3.31	<5	0.05	30	16	0.33	225	2	0.02	32	750	24	<0.01	<5	1	<10	<5	10	0.01	<5	18	<5	6	82
17	S#3A	<0.2	1.46	10	40	<1	<5	0.05	<1	9	44	24	3.36	<5	0.08	36	22	0.57	320	2	0.02	33	720	27	<0.01	<5	2	<10	<5	8	0.01	<5	22	<5	5	86
18	S#3B	<0.2	1.58	15	42	<1	<5	0.04	<1	9	44	26	3.51	<5	0.07	36	22	0.55	300	2	0.02	36	590	27	<0.01	<5	2	<10	<5	6	0.01	<5	22	<5	4	96
19	S#4A	0.4	1.41	15	48	<1	<5	0.05	<1	10	40	30	4.12	<5	0.06	36	20	0.46	300	2	0.03	37	570	30	<0.01	<5	2	<10	<5	8	0.01	<5	26	<5	5	98
20	S#4B	0.6	1.36	20	58	<1	<5	0.07	<1	13	42	40	4.50	<5	0.08	28	16	0.35	445	3	0.03	45	1040	36	0.01	<5	2	<10	<5	10	0.02	<5	30	<5	6	104
21	S#5A	0.2	1.68	15	42	<1	<5	0.04	<1	8	50	24	4.89	<5	0.05	30	24	0.46	275	2	0.03	33	920	30	0.01	<5	1	<10	<5	6	<0.01	<5	24	<5	3	96
22	S#5B	1.4	2.23	10	54	<1	<5	0.05	<1	13	88	26	3.86	<5	0.05	30	24	0.37	275	2	0.02	38	1120	27	0.01	<5	2	<10	<5	8	0.02	<5	26	<5	4	128
23	S#6A	<0.2	1.60	15	44	<1	<5	0.05	<1	11	42	30	4.12	<5	0.06	32	22	0.44	300	2	0.03	43	1490	33	<0.01	<5	2	<10	<5	8	0.01	<5	24	<5	4	124
24	S#6B	<0.2	1.43	15	44	<1	<5	0.04	<1	12	44	44	3.54	<5	0.06	42	28	0.53	380	2	0.02	43	380	30	<0.01	<5	2	<10	<5	8	<0.01	<5	26	<5	8	90
25	S#7A	<0.2	1.57	15	40	<1	<5	0.04	<1	10	46	32	3.62	<5	0.06	42	28	0.59	295	2	0.02	38	490	27	<0.01	<5	2	<10	<5	6	0.01	<5	24	<5	4	104

Et #	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
26	S#7B	<0.2	1.83	15	68	<1	<5	0.01	<1	14	52	46	3.97	<5	0.07	38	30	0.65	335	2	0.03	55	610	30	<0.01	<5	2	<10	<5	6	0.01	<5	24	<5	4	122
27	S#8A	<0.2	1.85	15	78	<1	<5	0.03	<1	11	54	28	4.77	<5	0.06	38	34	0.56	320	2	0.03	41	570	27	0.01	<5	2	<10	<5	6	0.01	<5	24	<5	4	128
28	S#8B	0.2	1.60	15	54	<1	<5	0.02	<1	9	48	30	4.69	<5	0.05	34	26	0.48	280	2	0.03	34	540	27	0.01	<5	2	<10	<5	6	<0.01	<5	24	<5	3	106
29	S#9A	0.4	3.06	20	98	1	<5	0.05	<1	19	58	40	6.05	<5	0.10	28	38	0.35	415	3	0.03	60	1960	54	0.02	<5	3	<10	<5	8	0.02	<5	42	<5	4	182
30	S#9B	0.4	1.93	10	46	<1	<5	0.03	<1	12	52	28	3.87	<5	0.05	36	26	0.44	265	2	0.02	39	960	27	0.01	<5	2	<10	<5	6	0.03	<5	32	<5	4	168
31	S#10A	0.2	1.50	15	50	<1	<5	0.04	<1	15	38	36	3.61	<5	0.07	50	16	0.40	490	4	0.02	43	890	39	0.01	<5	2	<10	<5	14	0.01	<5	24	<5	5	102
32	S#10B	<0.2	1.19	10	42	<1	<5	0.04	<1	9	38	22	2.82	<5	0.03	30	12	0.29	365	2	0.02	29	810	24	<0.01	<5	1	<10	<5	6	0.02	<5	26	<5	3	70
33	S#11A	0.2	1.09	15	82	<1	<5	0.07	<1	11	38	34	3.06	<5	0.08	36	12	0.33	535	2	0.02	37	600	33	0.01	<5	<1	<10	<5	12	0.01	<5	24	<5	7	96
34	S#11B	<0.2	1.12	15	54	<1	<5	0.07	<1	12	38	38	3.24	<5	0.08	36	18	0.46	465	2	0.02	38	690	30	<0.01	<5	2	<10	<5	10	0.01	<5	22	<5	5	110
35	S#12A	<0.2	1.32	20	78	<1	<5	0.08	<1	14	40	48	3.57	<5	0.11	36	18	0.51	510	3	0.03	48	800	33	<0.01	<5	2	<10	<5	10	0.02	<5	26	<5	6	138
36	S#12B	<0.2	1.07	15	54	<1	<5	0.04	<1	13	48	34	3.38	<5	0.07	34	14	0.43	475	2	0.02	47	430	30	<0.01	<5	2	<10	<5	6	0.01	<5	22	<5	5	112
37	S#13	<0.2	1.41	20	86	<1	<5	0.11	<1	15	56	40	4.15	<5	0.10	30	20	0.49	620	3	0.02	51	770	33	<0.01	<5	2	<10	<5	14	0.01	<5	28	<5	7	132
38	S#13A	<0.2	1.19	10	60	<1	<5	0.06	<1	10	54	20	2.78	<5	0.06	34	18	0.44	385	1	0.02	34	450	27	<0.01	<5	1	<10	<5	8	0.01	<5	24	<5	5	90
39	S#13B	<0.2	1.15	15	60	<1	<5	0.04	<1	10	42	28	2.96	<5	0.08	28	14	0.34	440	2	0.02	32	560	27	<0.01	<5	<1	<10	<5	8	<0.01	<5	22	<5	4	84
40	S#14	<0.2	1.45	20	80	<1	<5	0.07	<1	19	52	40	4.10	<5	0.11	30	16	0.43	1075	3	0.03	46	820	36	0.01	<5	1	<10	<5	10	0.01	<5	28	<5	8	124
41	S#14A	<0.2	1.70	30	110	<1	<5	0.11	<1	38	54	52	5.59	<5	0.12	28	24	0.52	2400	4	0.03	77	810	78	0.01	<5	2	<10	<5	14	<0.01	<5	30	<5	10	170
42	S#14B	0.2	1.03	15	54	<1	<5	0.09	<1	13	38	34	3.49	<5	0.08	26	14	0.34	475	2	0.02	43	900	30	0.01	<5	1	<10	<5	8	<0.01	<5	20	<5	4	110
43	S#15	<0.2	1.39	15	68	<1	<5	0.60	<1	22	62	48	4.19	<5	0.11	30	18	0.70	865	2	0.03	69	760	36	0.03	<5	3	<10	<5	34	0.03	<5	28	<5	8	114

**QC DATA:**

**Repeat:**

1	S#01	<0.2	1.00	15	46	<1	<5	0.05	<1	11	40	32	3.06	<5	0.06	36	12	0.37	415	2	0.02	38	340	30	<0.01	<5	2	<10	<5	10	0.01	<5	20	<5	5	88
10	S#10	<0.2	1.46	15	56	<1	<5	0.07	<1	22	36	36	3.26	<5	0.08	50	18	0.48	740	3	0.02	42	690	42	<0.01	<5	2	<10	<5	12	0.01	<5	22	<5	6	94
19	S#4A	0.4	1.43	15	50	<1	<5	0.05	<1	10	40	28	4.12	<5	0.06	36	28	0.45	300	2	0.02	37	570	30	<0.01	<5	2	<10	<5	8	0.01	<5	26	<5	5	98
28	S#8B	0.4	1.62	15	56	<1	<5	0.02	<1	9	50	30	4.80	<5	0.06	36	28	0.49	290	2	0.03	36	560	27	0.01	<5	2	<10	<5	6	<0.01	<5	26	<5	4	102
36	S#12B	<0.2	1.07	15	54	<1	<5	0.04	<1	13	48	34	3.41	<5	0.07	34	14	0.43	475	2	0.02	46	430	30	<0.01	<5	2	<10	<5	6	0.01	<5	22	<5	5	112

**Standard:**

Till3	1.6	1.05	80	36	<1	<5	0.55	<1	12	64	20	1.97	<5	0.09	14	18	0.58	315	1	0.04	32	430	21	0.01	<5	3	<10	<5	20	0.08	<5	38	<5	6	42
Till3	1.4	1.10	75	36	<1	<5	0.57	<1	12	66	20	2.05	<5	0.10	14	18	0.57	310	<1	0.04	32	440	18	0.01	<5	4	<10	<5	22	0.09	<5	38	<5	7	40

ICP: Aqua Regia Digest / ICP- AES Finish.

NM/EL  
dlr2\_839S  
XLS/11

  
ECO TECH LABORATORY LTD.  
Norman Monteith  
B.C. Certified Assayer