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**DIAMOND DRILLING REPORT**

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORTS

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on the

**J 1 AND CAB 3-5 MINERAL CLAIMS**

Likely Area  
Cariboo Mining Division

93A, 14W  
(52 degrees 48 minutes North Lat., 121 degrees 29 minutes West Long.)

for

**NOBLE METAL GROUP INCORPORATED**  
801-409 Granville Street  
Vancouver, B.C.  
V6C 1T2

by

FILMED

GRANT CROOKER, P.Geo.,  
CONSULTING GEOLOGIST  
**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

February, 1996

24,355

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## SUMMARY AND RECOMMENDATIONS

The Cariboo Gold Property consists of 15 four post claims and 40 two post mineral claims covering 280 units in the Cariboo Mining Division. The property is located approximately 21 kilometres north-northeast of Likely B.C., with access via the Keithley Creek Forest Access Road. Noble Metal Group Incorporated of Vancouver B.C. is the owner of the property. The company also owns a number of placer leases on the Keithley Creek.

Placer mining and prospecting for lode gold deposits began in 1860 with the beginning of the Cariboo gold rush. Gold production from the placer workings on Keithley Creek is believed to be about \$ 6,000,000.

Barkerville Terrane hosts the principal lode gold deposits of the Cariboo area. In the Yank's Peak area, the Barkerville Terrane has been named the Snowshoe Group (Struik, 1988) which ranges in composition from grit, quartzite, and black and green pelite to lesser limestone and volcanoclastic rocks. The Snowshoe Group ranges in age from Hadrynian to Upper Paleozoic.

The gold ore within the Barkerville Terrane occurs as 1) auriferous pyrite in quartz veins and 2) stratabound, massive auriferous pyrite lenses, termed "replacement ore". The replacement ore has been the more important type of occurrence, although both are important. The fine grained pyrite in the central portions of the ore bodies commonly grades in excess of 50 g/t gold while the coarse, probably recrystallized pyrite on the fringes of the orebodies only grades a few g/t or less.

The three most significant lode gold producers in the Cariboo have been the Mosquito Creek, Island Mountain and Caribou Quartz mines near Wells. Production from the three mines is in the order of 1.3 million ounces of gold. The most prominent lode gold deposits in the Keithley Creek-Snowshoe Creek area are auriferous quartz veins at Yank's Peak. They have a recorded gold production of 5,204 ounces.

The auriferous quartz veins in the Yank's Peak area vary greatly in dimension, ranging in width from a few inches to tens of feet and in length from a few tens of feet to greater than 1000 feet. They can be grouped into three types based on their strike, northerly, northeasterly and easterly striking. The vein quartz is usually milky white in appearance and massive or slightly fractured with small crystal lined vugs. Ankerite is a common gangue mineral. The quartz is sparsely mineralized with the sulphide content rarely being more than one or two per cent. The highest gold values appear to be associated with the highest concentrations of pyrite. Gold assays are highly variable, ranging from nil to 2 ounces per ton or more.

Noble Metal Group Incorporated and its predecessor company Cascadia Mines and resources have carried out exploration for placer and lode gold deposits since 1979. This work has included grid preparation, soil geochemical surveying, magnetic and electromagnetic surveying, induced polarization surveying and diamond drilling.

During September of 1995 an induced polarization and resistivity survey was carried out over part of the J 1 claim and five anomalous induced polarization zones (A-E) were outlined. A recommendation was made to drill test these zones for auriferous pyrite in quartz veins or massive auriferous pyrite lenses (replacement ore).


The November 1995 diamond drill program consisted of 3 NQ drill holes totalling 206.42 metres which tested induced polarization anomalies A and C. The drill program was terminated before completion due to deteriorating weather conditions.

The following conclusions can be made from the work program:

- 1) Weak pyrite and pyrrhotite mineralization was found along the foliation in phyllite and to a lesser extent quartzite of the Ramos succession of the Snowshoe Group.
- 2) A number of 1 to 30 centimetre wide quartz veinlets with weak pyrite and pyrrhotite and traces of chalcopyrite were also intersected in the drill holes.
- 3) Precious and base metal values were generally not anomalous (gold < 5 ppb, Cu < 100 ppm). However weakly anomalous gold values (14 to 28 ppb) in sludge samples were returned in drill hole 95-2 from 32.01 to 44.21 metres, with the highest gold value 53 ppb in drill hole 95-2 from 59.45 to 60.98 metres.
- 4) Two narrow sections (46.68-50.02 and 51.49-52.13) at the bottom of drill hole 95-3 gave anomalous nickel (166-430 ppm) and chromium (401-810 ppm) values.

The following work program is recommended:

- 1) A program of geological mapping and prospecting be carried out over the grid area.
- 2) The two sections of anomalous nickel and chromium values in drill hole 95-3 be analyzed for platinum group metals.
- 3) Drill hole 95-3 be extended to its target depth.
- 4) The remaining induced polarization geophysical anomalies be drill tested.

Respectfully submitted,  
  
Grant Crooker, P. Geo.,  
Consulting Geologist

PROFESSIONAL SOCIETY OF  
CONSULTING GEOLGISTS  
OF  
ONTARIO

## **1.0 INTRODUCTION**

### **1.1 GENERAL**

A diamond drill program was carried out on the Cariboo Gold Property from November 14th to 28th, 1995. Grant Crooker was retained to supervise the drilling and Adam Diamond Drilling of Princeton conducted the drilling.

A John Deere 892 ELC excavator was used to build roads and drill sites, reclaim the roads and drill sites, ditch, and assist in setting up the drill. A John Deere 744E loader was used as a snowplough to keep the roads open to Keithley Creek.

### **1.2 LOCATION AND ACCESS**

The property (Figure 1) is located approximately 21 kilometres north-northeast of Likely, in the Cariboo region of central British Columbia. The property is centred at approximately 52 degrees 47 minutes north latitude and 121 degrees 30 minutes west longitude (NTS 93A-13E, 14W).

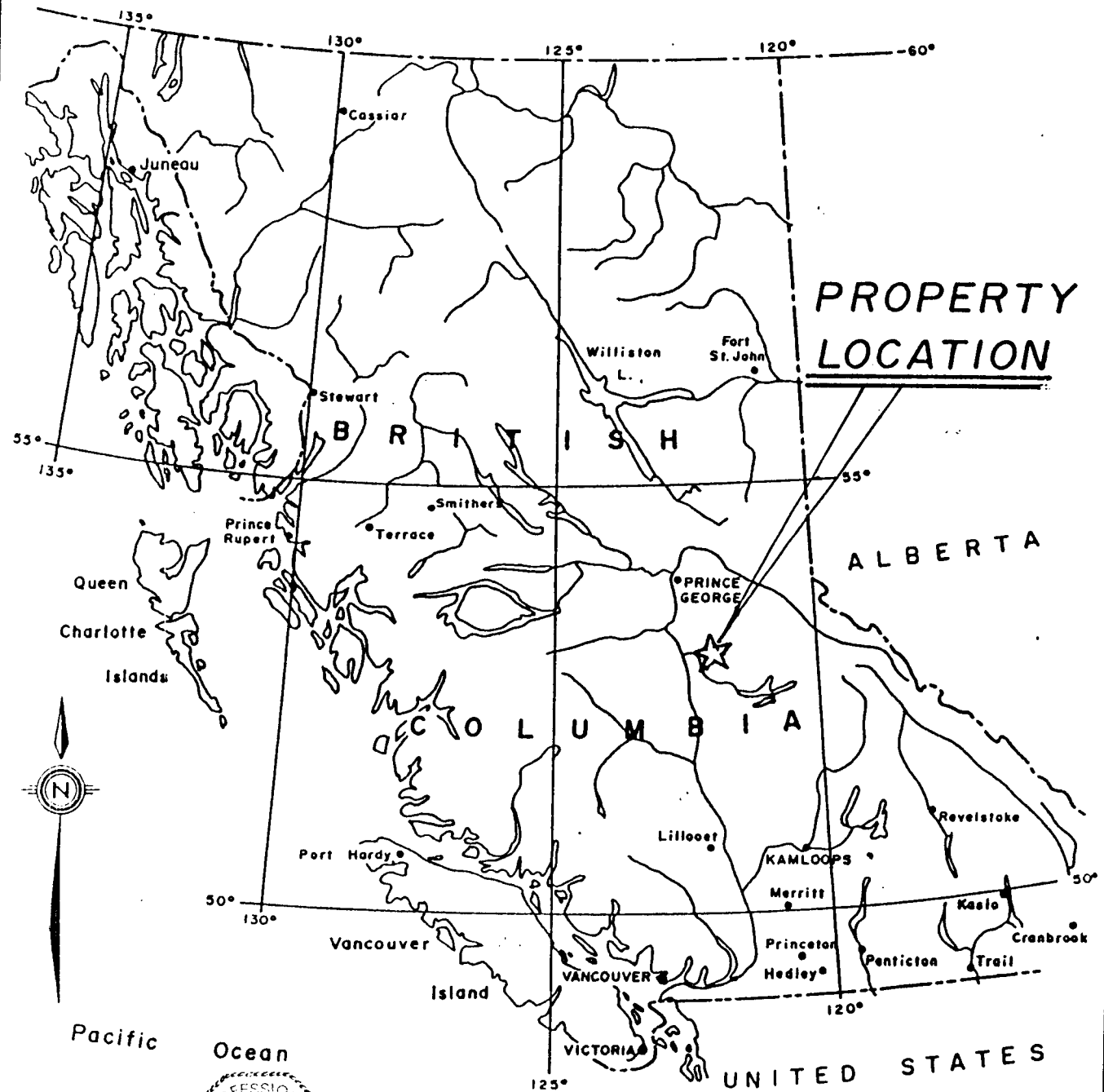
Access to the property is via the all weather, two wheel drive Keithley Creek logging road from Likely B.C.. At the old settlement of Keithley Creek one turns north onto a logging road that travels on the east side of Keithley Creek. The camp is located approximately 12 kilometres from the main road. A network of old logging roads gives good access to all areas of the property.

### **1.3 PHYSIOGRAPHY**

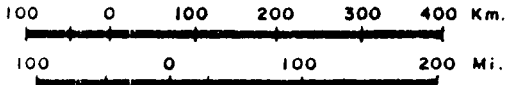
The property is located in the Quesnel Highlands of central British Columbia and the average elevation is approximately 1200 metres above sea level. Topography varies from steep along Keithley Creek to gentle at some higher elevations. Keithley Creek flows in a southeasterly direction through the centre of the property with many tributaries such as Donaldson, Honest John, Rabbit, Snowshoe, French Snowshoe and Weaver Creeks flowing into Keithley Creek.

The Keithley Creek area receives significant precipitation throughout the year as both rain and snow. Accumulations of snow may reach three metres or more during the winter months. Summers are generally warm but winters may have extremely cold temperatures.

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



**PROPERTY  
LOCATION**



<b>NOBLE METAL GROUP</b>	
<b>CARIBOO PROJECT</b>	
<b>LOCATION MAP</b>	
<b>CARIBOO M.D., B.C.</b>	
<b>DRAWN BY: GC</b>	<b>N.T.S.: 93A-13E, 14W</b>
<b>DATE: NOV 95</b>	<b>FIGURE NO. 1</b>

## 1.4 PROPERTY AND CLAIM STATUS

The mineral claims and placer leases making up the Cariboo Gold Property (Figure 2) are owned by Noble Metal Group Incorporated, # 801-409 Granville Street, Vancouver B.C., V6C 1T2. The mineral claims are located in the Cariboo Mining Division and consist of 15 four post claims covering 240 units and 40 two post claims for a total of 280 units. The claims upon which the work from this program is being filed are listed below in Table I.

Claim	Units	Mining Division	Tenure No.	Expiry Date m/d/y	New Expiry Date
J 1	20	Cariboo	204123	10/12/00	10/12/01*
CAC 1	20	Cariboo	204756	07/07/97	07/07/00*
CAC 3	20	Cariboo	205123	04/16/96	04/16/99*
CAC 4	20	Cariboo	205124	04/16/96	04/16/99*
CAC 5	20	Cariboo	205125	04/16/96	04/16/99*

**TABLE I - CLAIM DATA**

\* Upon acceptance of this report.

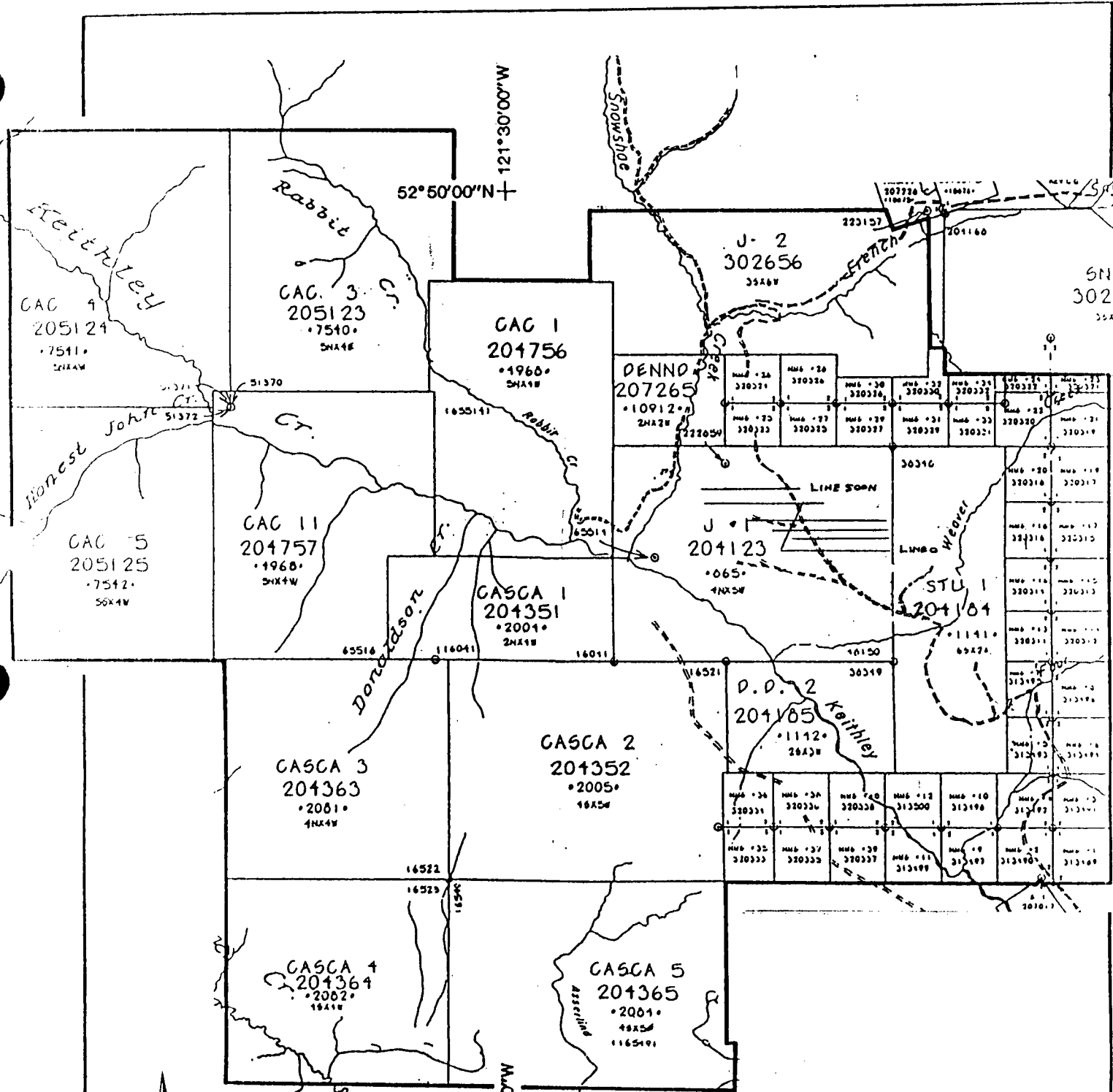
## 1.5 AREA AND PROPERTY HISTORY

The Cariboo region of British Columbia is very famous for the gold rush that began in 1860. Placer mining has continued throughout the Barkerville-Likely area from 1860 to the present day.

Prospecting for hardrock deposits started shortly after the Cariboo gold rush began. The three most significant gold producers have been the Mosquito Creek, Island Mountain and Cariboo Gold Quartz mines located near Wells. Mining began at the mines in 1933 and has continued to the present with a few periods of inactivity. Production from the three mines has been in the order of 1.3 million ounces of gold.

Placer gold was first discovered on Keithley Creek in 1860, and significant production occurred for the next few decades. Placer gold was also discovered on Snowshoe, Little Snowshoe and French Snowshoe creeks in 1860. Approximately \$ 6,000,000 worth of gold has been produced from Keithley Creek.





<b>NOBLE METAL GROUP</b>	
<b>CARIBOO PROJECT</b>	
<b>CLAIM MAP</b>	
CARIBOO M.D., B.C.	
Metres 1000      0      1000      2000 	
DRAWN BY: GC	N.T.S.: 93A-13E, 14W
DATE: NOV 95	FIGURE NO. 2

Prospecting for lode gold deposits began shortly after the discovery of the placer gold on Keithley Creek in 1860. This resulted in the discovery of gold bearing quartz veins on the right bank of Little Snowshoe Creek in December of 1862. Additional discoveries were made in the area over the next year. These included the Douglas vein at the head of Luce Creek in April of 1863 and the showing upon which the Steele and Cunningham tunnel was driven in June of 1863.

In August of 1864 the first mineral claims were located on Yank's Peak by Thomas Haywood and associates. Additional discoveries were made around Yank's Peak over the next few years and Yank's Peak became the most prominent location for lode gold deposits in the Keithley Creek-Snowshoe Creek area. The recorded lode gold production from Yank's Peak is 5,204 ounces.

Intermittent exploration activity has taken place in the Keithley Creek area from the 1860's to the present. Noble Metal Group Incorporated, and its predecessor company Cascadia Mines and Resources Ltd. have been carrying out exploration for both placer and lode gold deposits since 1979. The work carried out on the hardrock claims includes grid preparation, soil geochemical surveying, magnetic and electromagnetic surveying, induced polarization surveying and diamond drilling.

During September of 1995 an induced polarization and resistivity survey (7.815 km's) and a magnetic survey (6.815 km's) were carried out by Pacific Geophysical Limited over part of the property. This survey resulted in five anomalous IP zones being outlined, in some cases coincident with areas of interesting magnetic response.

One zone (A) was thought to be caused by semi-massive to massive sulphide mineralization, while the others (B, C, D and E) were thought to be caused by disseminated metallic mineralization. The recommendation was made to drill test zones A, B and C, and to conduct further IP surveying over zones D and E.

## 2.0 EXPLORATION PROCEDURE

The exploration program covered by this report consisted of three NQ diamond drill holes totalling 206.42 metres. Approximately 70 per cent of the core was sawed in half with a diamond saw and 5 per cent split with a conventional core splitter. Sludge samples were collected at 5 foot (1.52 metre) intervals.

Seventy-five core and forty-nine sludge samples were sent to Loring laboratories Ltd, 629 Beaverdam Rd. N.E., Calgary, Alberta, T2K 4W2 for geochemical analysis. Laboratory technique for analysis consisted of preparing a 200 gram sample pulp. A 30 element ICP analysis and gold assay (fire assay, AA finish, 1/2 assay ton) were carried out on all core samples while only a gold assay (fire assay, AA finish, 1 assay ton) was carried out on the sludge samples.

The certificates of analysis are listed in Appendix II.

### 3.0 GEOLOGY AND MINERALIZATION

#### 3.1 REGIONAL GEOLOGY

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

The Cariboo Terrane is of Precambrian to Permo-Triassic age and is in fault contact with the western margin of the Precambrian North American Craton 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 and shale and is unconformably overlain by the younger succession of basinal shale, dolostone, wacke, limestone and basalt.

The Barkerville Terrane consists of Precambrian and Paleozoic rocks ranging in composition from grit, quartzite, and black and green pelite to lesser limestone and volcanoclastic rocks. The contact between the Barkerville and Cariboo terranes is the northwest trending, east dipping Pleasant Valley Thrust.

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

The Quesnel Terrane lies west of the Slide Mountain Terrane and consists of Upper Triassic and Lower Jurassic black shale and volcanoclastic greenstone.

#### 3.2 CLAIM GEOLOGY

The rocks in the vicinity of Yank's Peak belong to the Barkerville Terrane and have been named the Snowshoe Group by Struik (1988). Struik has further divided the sedimentary and volcanic rocks of the Snowshoe Group into fourteen informal subdivisions, Ramos, Tregillus, Kee Khan, Keithley, Harveys Ridge, Goose Peak, Agnes, Downey, Eaglenest, Bralco, Hardscrabble, unnamed carbonate, Island Mountain and Tom. Igneous intrusions of the terrane consist mainly of diorite and gabbro sills with less quartz porphyry rhyolite. All rocks have been regionally metamorphosed to low and middle greenschist facies.

Table II summarizes the composition of each group, as well as the estimated thickness (from Struik, 1988).

ISLAND MOUNTAIN AMPHIBOLITE ( $< 150$ m)	Amphibolite, tuff and siliceous mylonite
HARDSCRABBLE MOUNTAIN ( $\approx 150$ m?)	Black siltite, argillite and muddy granule conglomerate
BRALCO ( $< 100$ m)	Grey limestone, locally pelletal, commonly marble, includes undifferentiated phyllite
EAGLESNEST ( $\geq 150$ m)	Grey and olive micaceous feldspathic poorly sorted quartzite and phyllite
DOWNEY ( $\geq 150$ m)	Olive-grey micaceous feldspathic poorly sorted quartzite and phyllite, marble, metabasaltic volcanoclastics
AGNES ( $< 60$ m)	Light grey conglomerate in part with calcareous matrix
GOOSE PEAK ( $< 250$ m)	Light grey poorly sorted quartzite, phyllite, minor black siltite
HARVEYS RIDGE ( $\approx 300$ m)	Black micaceous poorly sorted quartzite, siltite and phyllite; minor muddy conglomerate, limestone and basaltic metavolcanoclastics
KEITHLEY ( $\approx 300$ m)	Light grey quartzite, olive micaceous poorly sorted quartzite, siltite and phyllite
KEE KHAN ( $\approx 75$ m)	Marble, olive phyllite, sandy marble
TREGILLIUS ( $> 400$ m)	Olive-grey micaceous poorly sorted feldspathic quartzite and phyllite, conglomerate
RAMOS ( $> 300$ m)	Olive micaceous poorly sorted feldspathic quartzite and phyllite, black siltite and phyllite, amphibolite, marble, minor basaltic and felsic volcanoclastics
TOM ( $\geq 175$ m)	Olive-grey micaceous poorly sorted feldspathic quartzite, phyllite and schist; quartzose mylonite

**TABLE II - SNOWSHOE GROUP GEOLOGY**

The successions range in age from Hadrynian (Ramos through Keithley) to Paleozoic (Harveys Ridge through Bralco) and Upper Paleozoic (Hardscrabble Mountain and Island Mountain Amphibolite).

The claims of the Cariboo Gold Property are underlain by 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, is poorly sorted and generally medium to coarse grained. The quartz clasts are predominantly glassy clear and grey with very 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.

The phyllite varies from olive to grey on fresh surfaces and consists of fine grained quartz, white mica, chlorite and accessory pyrite, ankerite, siderite and epidote. There is often rhythmic banding within the phyllite and contacts between the quartzite and pelite are sharp.

The main structure in the area is the Keithley Creek Thrust that runs from Shoals Bay on Quesnel Lake northwest up Keithley Creek and crosses Lightning Creek in the Wingdam area. A north-south fault that may be a continuation of the Antler Fault continues from the southern end of Bowron Lake southwards to Snowshoe Creek and the lower portion of Rabbit Creek, towards the Keithley Creek Thrust.

### 3.3 MINERALIZATION

Barkerville Terrane hosts the principal gold occurrences of the Cariboo area. These include the Mosquito Creek, Island Mountain, Cariboo Gold Quartz and Cariboo Hudson mines and the Snowshoe and Midas veins. Deposits of less economic importance include those of silver, tungsten, lead, zinc and copper.

The gold ore at the Mosquito Creek, Island Mountain and Cariboo Gold Quartz mines in the Cariboo Gold Belt occurs as 1) auriferous pyrite in quartz veins and 2) stratabound, massive auriferous pyrite lenses, termed "replacement ore". The location of the gold deposits correlates with elements of 1) stratigraphy, 2) structure, and 3) metamorphism.

1) Stratigraphic Controls: Lode gold deposits are almost entirely confined to the Paleozoic section of the Snowshoe group. In the Keithley Creek-Snowshoe Creek area the Paleozoic Harveys Ridge succession contains a high density of auriferous quartz veins.

2) Structural Controls: The auriferous replacement pyrite in limestone lenses is located in the hinge zones and less commonly along the limbs of regional and minor folds. Orientation of quartz veins is in part controlled by the regional fault and fracture pattern.

3) Metamorphic Controls: Lode gold concentrations are confined to rocks in the chlorite grade of metamorphism

The auriferous quartz veins in the Yank's Peak area vary greatly in dimension, ranging in width from a few inches to tens of feet and in length from a few tens of feet to greater than 1000 feet. They can be grouped into three types based on their strike, northerly, northeasterly and easterly striking. The vein quartz is usually milky white in appearance and massive or slightly fractured with small crystal lined vugs. Ankerite is a common gangue mineral. The quartz is sparsely mineralized with the sulphide content rarely being more than one or two per cent. The highest gold values appear to be associated with the highest concentrations of pyrite. Gold assays are highly variable, ranging from nil to 2 ounces gold per ton or more.

#### 4.0 DIAMOND DRILLING

The 1995 diamond drill program consisted of 3 NQ diamond drill holes totalling 206.42 metres. The drill hole locations are shown on figure 3, the drill logs are listed in Appendix I and the certificates of analysis in Appendix II. The core is stored at the Noble Metal Group Incorporated camp at Keithley Creek.

Core recovery was good, ranging from 89% to 95%. Dip tests were conducted on drill holes 95-1 (46.95 metres, -62°) and 95-2 (107.16 metres, -78°).

A summary of the pertinent drill data is listed below in Table III.

Drill Hole No.	Coordinate	Bearing Degrees	Inclination Degrees	Depth m	Core Recovery	Elevation m ASL
95-1	300N+750W	245	-55	46.95	95%	1280
95-2	300N+750W	280	-65	107.16	89%	1280
95-3	100N+103W	080	-70	52.13	92%	1305

**TABLE III - 1995 DRILL HOLE DATA**

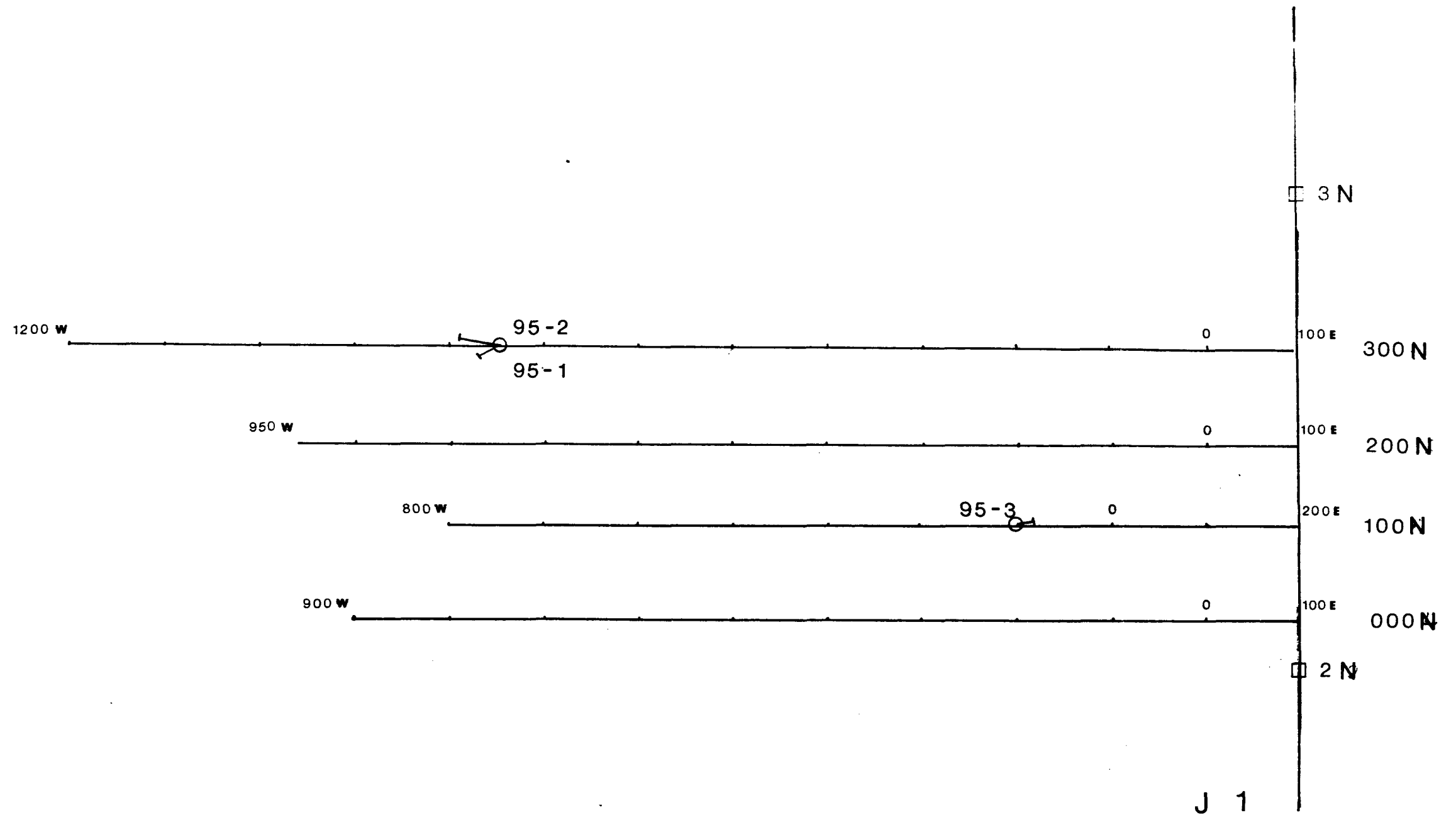
Drill holes 95-1 and 95-2 were drilled to test IP zone A that gave highly anomalous IP values, with much lower than normal resistivity. The zone was interpreted to be a semi-massive to massive sulphide target five to ten metres deep and ten to fifteen metres in width.

Drill hole 95-1 intersected variable thicknesses of interbedded olive micaceous quartzite (occasionally calcareous) and green to black phyllite. Traces of pyrite were noted along the foliation in the phyllite at several locations, and a number of 1 to 24 centimetre wide blue-grey to cream quartz veinlets with up to 1% pyrrhotite and traces of chalcopyrite were intersected.

Twelve core samples of the more highly mineralized sections were sent for analysis. Results were disappointing with the highest gold value from the pyrite bearing phyllite only 13 ppb. The quartz veinlets with up to 1% pyrrhotite and traces of chalcopyrite also gave disappointing results with the highest gold and copper values only 7 ppb and 101 ppm respectively.

Drill hole 95-2 was drilled to test IP zone A at a greater depth. This drill hole also intersected variable thicknesses of interbedded micaceous quartzite (occasionally calcareous) and phyllite with traces of pyrrhotite and pyrite along many foliations.





J 1



- I.D. post
- Grid station
- Diamond drill hole

NOBLE METAL GROUP	
CARIBOO PROJECT	
DRILL HOLE LOCATIONS	
CARIBOO M.D., B.C.	
DRAWN BY: GC	N.T.S.: 93A-13E, 14W
DATE: NOV 95	FIGURE NO. 3

Several narrow intersections (47.75-57.43, 60.18-63.43, 65.72-69.87, 71.23-78.55 and 82.79-86.20) showed up to 1% pyrite and pyrrhotite along foliations, mainly in the phyllite. A number of scattered, 1 to 20 centimetre wide, fractured, blue-grey quartz veinlets and quartz stockworks with traces of pyrite and pyrrhotite were noted in the core.

Thirty-three core and forty-nine sludge samples (32.01-107.16 metres) were sent for analysis. Assay results from this hole were low, with only the sludge samples from 32.01 to 44.21 metres giving weakly anomalous gold values in the 14 to 28 ppb range. The highest assay was 53 ppb gold from 59.45 to 60.98 metres, a section with 1 to 3% pyrite along the foliation in phyllite.

Drill hole 95-3 was drilled to test IP zone C that gave moderately anomalous IP effects and slightly lower than background resistivity values. Slightly higher than normal magnetic values occur coincidentally with the IP effects. The zone was interpreted to be a tabular target 50 to 100 metres in width, 25 metres deep and possibly extending 25 to 50 metres vertically.

The drill hole was stopped at 52.13 metres as the decision was made to halt the drill program due to deteriorating weather conditions. The drill hole mainly intersected micaceous quartzite (occasionally calcareous) with lesser phyllite. A trace to 1% pyrite and pyrrhotite were noted along the foliation at a number of locations, with local concentrations of sulphides as high as 2%. A few 1 to 30 centimetre wide, fractured, blue-grey quartz veinlets with up to 1% pyrite were also intersected. At the bottom of the hole, two narrow intersections (46.68-50.02 and 51.49-52.13) of a rock with a pale green, strongly sericite altered matrix and 3 to 4 millimetre long "stretched" chlorite phenocrysts was intersected. This rock may be mylonitized or ultramafic material.

Thirty core samples from the more highly mineralized sections were assayed. Results were low with the highest gold value 29 ppb and copper value 113 ppm. However, the possible mylonite or ultramafic rock at the bottom of the hole gave anomalous nickel values ranging from 166 to 430 ppm and chromium values ranging from 401 to 810 ppm.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

The 1995 work program drill tested two induced polarization geophysical anomalies and the following conclusions can be made from the work program:

- 1) Weak pyrite and pyrrhotite mineralization was found along the foliation in phyllite and to a lesser extent quartzite of the Ramos succession of the Snowshoe Group.
- 2) A number of 1 to 30 centimetre wide quartz veinlets with weak pyrite and pyrrhotite and traces of chalcopyrite were also intersected in the drill holes.
- 3) Precious and base metal values were generally not anomalous (gold < 5 ppb, Cu < 100 ppm). However weakly anomalous gold values (14 to 28 ppb) in sludge samples were returned in drill hole 95-2 from 32.01 to 44.21 metres, with the highest gold value 53 ppb in drill hole 95-2 from 59.45 to 60.98 metres.
- 4) Two narrow sections (46.68-50.02 and 51.49-52.13) at the bottom of drill hole 95-3 gave anomalous nickel (166-430 ppm) and chromium (401-810 ppm) values.

The following work program is recommended:

- 1) A program of geological mapping and prospecting be carried out over the grid area.
- 2) The two sections of anomalous nickel and chromium values in drill hole 95-3 be analyzed for platinum group metals.
- 3) Drill hole 95-3 be extended to its target depth.
- 4) The remaining induced polarization geophysical anomalies be drill tested.

Respectfully submitted,

  
Grant Crooker, P. Geo.,  
Consulting Geologist

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## 7.0 CERTIFICATE OF QUALIFICATIONS

I, Grant F. Crooker, of Upper Bench Road, P.O. Box 404, Keremeos, in the Province of British Columbia, Canada, V0X 1N0 do certify that:

I am a Consulting Geologist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (Registration No. 18961);

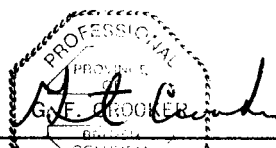
I am a Fellow of the Geological Association of Canada (Registration No. 3758) and I am a member of the Canadian Institute of Mining and Metallurgy and Petroleum;

I am a graduate (1972) of the University of British Columbia with a Bachelor of Science degree (B.Sc.) from the Faculty of Science having completed the major program in geology;

I have practised my profession as a geologist for over 20 years, and since 1980, I have been practising as a consulting geologist and, in this capacity, have examined and reported on numerous mineral properties in North and South America;

I have not received, directly or indirectly, nor do I expect to receive, any interest, direct or indirect, in the properties of Noble Metal group Incorporated or any affiliate thereof, nor do I beneficially own, directly or indirectly, any securities of Noble Metal Group Incorporated or any affiliate thereof;

Respectfully submitted,

  
\_\_\_\_\_  
Grant F. Crooker, P. Geol.,  
GFC Consultants Inc.  
February 8, 1996

**APPENDIX I**  
**DIAMOND DRILL LOGS**

## LEGEND

fg	fine grained
mg	medium grained
ch	coarse grained
tr	trace
py	pyrite
po	pyrrhotite
cpy	chalcopyrite
gr	graphite
qtz	quartz
ca	calcite
sc	sericite
chl	chlorite
carb	carbonate
c	core sample
S	sludge sample

Property: Cariboo

Bearing: 245 °

Core Size: NQ

Hole No.: 95-1

Inclination: -55 °

Claim: J 1

Northing: 300

Elevation Collar: 1280 m

Logged By: Grant Crooker

Westing: 750

Total Depth: 46.95 m

Dip Test: 46.95 m -62 °

Date Begun: Nov 18, 1995

Date Finished: Nov 20, 1995

Core Recovery: 95%

Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
0-6.1	-casing						
6.1-10.98	-interbedded fg light grey to olive micaceous quartzite and black to green phyllite, bands vary from 1 mm to 10+ cms in width, tr of FeO on foliations, 6.2-foliation @ 25 °						
	6.3-2 cm wide shear, parallel to foliation with grey gouge						
	6.61-random fractures with minor FeO, 1, 5 cm long x 4 mm wide white ca veinlet, parallel to foliation, minor folding						
	6.99-fracture @ 90 ° with minor FeO, ca, foliation @ 30 °						
	7.93-8.63-1 cm wide shears parallel to foliation with grey gouge						
	8.61-9.13-1 to 3 mm light grey calcareous bands						
	9.54-9.73-1 cm shear parallel to foliation with brown gouge						
	10.1-11.02-light grey calcareous bands						
10.98-11.86	-fg light grey calcareous quartzite						
11.86-19.94	-interbedded fg grey to olive micaceous quartzite, occasionally calcareous, and black to olive phyllite						
	12.86-foliation @ 20 °						
	14.48-1 mm ca veinlet @ 30 °						
	17.67-18.48-calcareous quartzite with light grey limestone? bands, tr py on 1 mm ca veinlets @ 40 °						



Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
	18.88-tr of py on fractures						
	19.76-tr py and ca on fractures @ 45 °						
19.94-26.79	-fg grey micaceous quartzite, occasionally calcareous, minor phyllite						
	20.97-6 mm wide qtz veinlet @ 15 °, minor rustiness						
	21.67-rusty fractures with ca						
	22.34-minor rusty fractures with ca @ 10 °						
	22.99-foliation @ 27 °						
	22.99-26.79-minor 1 mm fractures with ca						
	25.02-8 cm wide fractured, light to dark grey qtz veinlet @ 28 °, minor chl, tr py						
26.79-37.43	-pale grey, green and black phyllite, minor fg olive micaceous quartzite, occasionally calcareous	96179c	2.00	26.79	28.79	<5	28
	28.72-31.86-minor rusty fractures	96180c	2.00	28.79	30.79	<5	50
	29.32-minor folding						
	30.91-31.53-tr of py along foliation	96181c	2.00	30.79	32.79	13	40
	31.71-1 cm wide fractured, blue-grey qtz veinlet, minor ca, rusty						
	32.16-2 to 4 cm wide fractured, blue-grey qtz veinlet @ 25 °, tr py and chl						
	32.32-tr of py on foliation						
	32.83-33.03-blue-grey qtz veinlet, rusty fractures with sc	96182c	2.00	32.79	34.79	5	27
	33.03-33.19-broken core, rusty, fractured 1 to 5 mm qtz veinlets, minor ca						
	33.27-1 cm rusty, blue-grey qtz veinlet @ 45 °						



Property: Cariboo

Bearing: 280 °

Core Size: NQ

Hole No.: 95-2

Inclination: -65 °

Claim: J 1

Northing: 300

Elevation Collar: 1280 m

Logged By: Grant Crooker

Westing: 750

Total Depth: 107.16 m

Dip Test: 107.16 m -78 °

Date Begun: Nov 20, 1995

Date Finished: Nov 23, 1995

Core Recovery: 89%

Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
0-381	-casing						
3.81-8.36	-interbedded fg olive micaceous quartzite, often calcareous and olive to grey phyllite bands, minor rustiness along foliation	96191c	2.00	3.81	5.81	<5	29
	4.16-foliation @ 25 °						
	4.26-5.38-minor folding						
	4.27-5 to 20 mm wide shear with brown gouge @ 20 °						
	5.03-rusty fractures parallel to foliation, tr py						
8.36-18.38	-olive to grey phyllite with very minor interbedded fg olive micaceous quartzite, minor rusty foliations						
	8.91-foliation @ 15 °						
	9.85-10.11-random 1 mm fractures with ca						
	10.47-5 to 10 mm wide shear with brown fault gouge @ 80 °						
	13.72-foliation @ 36 °						
	15.64-15.97-4 randomly oriented 1 to 5 mm wide qtz veinlets, mainly white, minor blue-grey, tr rusty sulphides						
18.38-39.96	-interbedded fg olive micaceous quartzite, often calcareous, and olive to grey phyllite bands, very minor rustiness along foliation						
	-24.57-foliation @ 50 °						
	25.23-1 to 4 cm grey-white qtz veinlet @ 45 °, tr chl						

Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
	25.80-1 cm blue-grey qtz veinlet @ 80 °, rusty fractures with ca @ 20 °						
	26.43-26.95-zone with 20% grey qtz veinlets @ 50 °, 1/2% po, tr cpy	96192c	0.52	26.43	26.95	<5	28
	29.49, 30.20-rusty fractures with ca @ 20 °, cuts foliation						
	30.79-3 cm wide, rusty, grey qtz veinlet						
	31.89-5 to 50 mm fractured, blue-grey qtz veinlet @ 30 °, minor chl and rustiness on fractures	96193c	1.57	31.85	33.42	<5	47
	32.32-4 cm fractured, blue-grey qtz veinlet @ 65 °	S	1.53	32.01	33.54	28	-
	32.50-weak 1 to 2 mm ca veinlets @ 45 °, at right angles to foliation @ 65 °						
	32.55-3 cm fractured, blue-grey qtz veinlet						
	32.73-foliation @ 65 °						
	32.76-33.08-1-2% po, tr py, cpy in 1 to 3 mm bands parallel to foliation						
	33.35-1 cm qtz veinlet @ 10 °, right angle to foliation, 1% po						
	34.97-35.19-20% blue-grey qtz veinlets parallel to foliation @ 45 °, chl, sc, tr py on fractures	S	1.52	33.54	35.06	23	-
	35.90-foliation @ 50 °	S	1.53	35.06	36.59	22	-
	36.35-36.65-2 to 4 mm pale grey limey beds	S	1.52	36.59	38.11	<5	-
	36.77-1 to 3 cm blue-grey qtz veinlet @ 70 °	S	1.52	38.11	39.63	14	-
	37.83-39.96-tr-1/2% py along foliation in phyllite	96194c	2.13	37.83	39.96	<5	34
39.96-44.95	-fg olive micaceous quartzite, weakly calcareous and minor olive to grey phyllite	S	1.53	39.63	41.16	23	-
	40.37-tr po along foliation in quartzite	S	1.53	42.68	44.21	14	-
	43.46, 43.50, 43.55, 43.97, 44.0, 44.15-1 to 3 cm blue-grey qtz						

Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
	veinlets	S	1.52	44.21	45.73	22	-
44.95-47.75	-interbedded fg olive micaceous quartzite, often calcareous and olive to grey phyllite	S	1.53	45.73	47.26	9	-
	46.17, 46.95, 47.87-2 to 4 cm fractured, blue-grey qtz veinlets, tr po, py	S	1.52	47.26	48.78	<5	-
	44.95-47.87-tr-2% py along foliation in phyllite	96195c	2.92	44.95	47.87	9	30
47.75-57.43	-fg olive micaceous quartzite, occasionally calcareous and minor olive to grey phyllite, tr po and py along foliation, foliation @ 40 °,	96196c	2.00	47.87	49.87	5	28
	occasionally up to 1/2% po, py along foliation, weak fracturing, tr py	S	1.52	48.78	50.30	<5	-
	48.93-1 cm fractured, blue-grey qtz veinlet, tr py						
	50.09-50.46-intensely folded	96197c	2.00	49.87	51.87	26	29
	51.35-fracturing @ 40 °, right angles to foliation, tr py	S	1.53	50.30	51.83	<5	-
	52.51-tight isoclinal folds	96198c	2.00	51.87	53.87	<5	31
	52.61-2 cm fractured, blue-grey qtz veinlet @ 35 °, tr py	S	1.52	51.83	53.55	<5	-
	53.60-53.66-fractured, blue-grey qtz veinlet @ 90 °, tr py	S	1.53	53.35	54.88	<5	-
	54.25-6 cm fractured, blue-grey qtz veinlet @ 40 °	96199c	2.00	53.87	55.87	<5	27
	54.59-3 cm fractured, blue-grey qtz veinlet @ 80 °, 1/2% py on fractures	S	1.52	54.88	56.40	<5	-
	55.28-2 cm fractured, blue-grey qtz veinlet @ 35 °	S	1.53	56.40	57.93	<5	-
	55.70-56.17-fractured, blue-grey qtz veinlet @ 80 °, chl, sc on fractures	96200c	1.56	55.87	57.43	10	29
	57.05-1 to 2 cm fractured, blue-grey qtz veinlet @ 45 °	96201c	2.75	57.43	60.18	<5	40
57.43-78.55	-interbedded fg olive micaceous quartzite and olive to grey phyllite bands, minor 1 to 2 mm fractures with ca. 1% po, py, @ 20 °	S	1.52	57.93	59.45	19	-
	57.43-60.18-tr po, py along foliation	S	1.53	59.45	60.98	53	-
	58.49-59.50-folding	S	1.52	60.98	62.50	<5	-
		S	1.52	62.50	64.02	<5	-

Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
	60.18-63.43-2-3% po, 1-2% py, gr along foliation, mainly in phyllite,	96202c	1.60	60.18	61.78	<5	37
	tr py along minor fracturing	96203c	1.65	61.78	63.43	26	47
	63.43-65.72-tr po along foliation, tr py along minor fracturing	96204c	2.29	63.43	65.72	<5	39
	65.72-69.87-1/2-1% po, 1/2-1% py along foliation in phyllite	96205c	2.00	65.72	67.72	<5	36
	66.32-66.44-fractured, blue-grey qtz veinlet, 1% py, tr po along	96206c	2.15	67.72	69.87	<5	46
	fractures,	S	1.53	64.02	65.55	<5	-
	69.80-foliation @ 85 °	S	1.52	65.55	67.07	12	-
	69.87-71.23-zone with 20% fractured, blue-grey qtz veinlets, 1-2%	S	1.53	67.07	68.60	<5	-
	po and py, within qtz veinlets and foliation	S	1.52	68.60	70.12	<5	-
	71.23-78.55-tr-1% po, tr-1% py along foliation, minor fracturing	S	1.53	70.12	71.65	<5	-
	with tr py	96207c	1.36	69.87	71.23	<5	31
	73.26-1 cm fractured, blue-grey qtz veinlet parallel to foliation @	96208c	2.50	71.23	73.73	<5	48
	80 °, tr py	96209c	2.50	73.73	76.23	<5	47
	76.47-76.63-fractured blue-grey qtz veinlet, 1% py	96210c	2.32	76.23	78.55	<5	36
		S	1.52	71.65	73.17	<5	-
		S	1.53	73.17	74.70	<5	-
		S	1.52	74.70	76.22	<5	-
		S	1.52	76.22	77.74	8	-
		S	1.53	77.74	79.27	<5	-
78.55-82.79	-fg olive micaceous quartzite, often calcareous and and minor olive to	96211c	1.35	78.55	79.80	<5	34
	grey phyllite. tr-1/2% po & py along foliation, minor 1 to 2 mm	96212c	1.59	79.80	81.39	<5	18
	fractures with ca	96213c	1.40	81.39	82.79	<5	88
	79.80-80.23-zone with 20% fractured. blue-grey qtz veinlets. ca. tr py	S	1.52	79.27	80.79	<5	-

## DIAMOND DRILL RECORD HOLE NO. 95-2 PAGE 5 of 6.

Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
	80.91-81.39-zone with 10-15% fractured, blue-grey qtz veinlets, ca, tr po, py, cpy?	S	1.53	80.79	82.32	<5	-
82.79-86.20	interbedded fg olive micaceous quartzite, often calcareous and olive to grey phyllite bands, 1/2% po, py along foliation, weak fracturing	96214c	1.81	82.79	84.60	<5	31
		96215c	1.20	84.60	86.20	15	30
	84.70-85.64-zone with 10% fractured, blue-grey qtz veinlets, tr po, py	S	1.52	82.32	83.84	<5	-
		S	1.53	83.84	85.37	<5	-
		S	1.52	85.37	86.89	7	-
86.20-94.79	-fg olive micaceous quartzite, often calcareous and minor olive to grey phyllite, tr po, py	96216c	3.00	86.20	89.20	<5	56
		96217c	3.00	89.20	92.20	<5	38
	86.75-86.86-fractured, dark blue qtz veinlet @ 90 °	96218c	2.59	92.20	94.79	<5	27
	87.98-3 cm fractured, blue-grey qtz veinlet @ 90 °	S	1.52	86.89	88.41	<5	-
	87.37, 87.53, 88.01, 88.15, 88.50, 89.57, 89.71, 5 to 20 mm fractured, blue-grey qtz veinlets, tr po, py	S	1.53	88.41	89.94	<5	-
		S	1.52	89.94	91.46	<5	-
	94.30-foliation @ 60 °	S	1.53	91.46	92.99	<5	-
		S	1.52	92.99	94.51	<5	-
94.79-102.89	-black phyllite with minor fg olive quartzite, tr py, lesser po on foliation	96219c	2.00	94.79	96.79	<5	30
	95.04, 96.34, 96.68, 97.17, 98.89, 99.36, 100.03, 102.08- 1 cm fractured blue-grey qtz veinlets, tr py, po	96220c	2.00	96.79	98.79	<5	150
		96221c	2.00	98.79	100.79	<5	51
	98.39-5 mm fractured, blue-grey qtz veinlet, 2% py, 1/2% cpy	96222c	2.10	100.79	102.89	<5	42
		S	1.53	94.51	96.04	<5	-
		S	1.52	96.04	97.56	<5	-
		S	1.53	97.56	99.09	<5	-
		S	1.52	99.09	100.61	<5	-





Property: Cariboo

Bearing: 080 °

Core Size: NQ

Hole No.: 95-3

Inclination: -70 °

Claim: J 1

Northing: 100

Elevation Collar: 1305 m

Logged By: Grant Crooker

Westing: 103

Total Depth: 52.13 m

Dip Test: none

Date Begun: Nov 24, 1995

Date Finished: Nov 26, 1995

Core Recovery: 92%

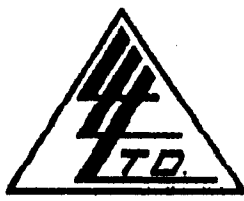
Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
0-3.96	-casing						
3.96-17.92	-mg blue-grey micaceous quartzite and minor banded grey, black and green phyllite, minor random fractures @ 25 °, rusty, tr py, ca						
	3.97-weakly fractured white qtz veinlet @ 20 °						
	4.75-5.13-1 to 3 cm qtz veinlet @ 20 °						
	5.40-foliation @ 30 °						
	6.62-5 mm white qtz veinlet @ 20 °						
	11.79-1 to 2 mm fractures with blue qtz @ 30 °						
	12.65-13.95-broken core, stronger fracturing, rusty, minor ca, @ 15 ° and 75 °	96224c	1.30	12.65	13.95	<5	30
	14.23-foliation @ 45 °	96225c	1.20	15.26	16.45	8	9
	15.79, 16.30-2 cm fractured, grey qtz veinlets @ 50 °, tr py	96228c	1.42	16.45	17.87	<5	33
17.92-27.77	-black to grey banded phyllite, minor olive micaceous quartzite, tr-1/2% po, py along foliation, locally to 2% po & py, tr po, py along fractures						
	17.87-18.41-zone with 40% fractured, blue-grey qtz veinlets, 1% py	96226c	0.54	17.87	18.41	<5	41
	18.46-1 to 2 mm fractures with ca, 2% po, 2% po, tr py on foliation	96227c	2.00	18.41	20.41	<5	33
	20.43-foliation @ 45 °	96229c	2.00	20.41	22.41	<5	20
	24.60-gr along foliation	96230c	2.00	22.41	24.41	<5	27
	25.36-25.51-fractured grey qtz veinlet, gr on fractures	96231c	2.57	24.41	26.98	<5	42

Depth m	Description	Sample No.	Width m	From m	To m	Au ppb	Cu ppm
	25.51-26.91-broken core						
	26.30-1 to 2 mm fractured, blue-grey qtz veinlet @ 45 °, tr py						
	26.45-gr on foliation						
	26.98-27.27-fractured, blue-grey qtz veinlet, 1/2% py on fractures	96232c	0.29	26.98	27.27	<5	17
27.27-29.69	-fg olive micaceous quartzite, tr of py on foliations and fractures	96233c	2.42	27.27	29.69	<5	25
29.69-30.71	-black to grey banded phyllite, foliation @ 30 °	96234c	1.02	29.69	30.71	<5	18
30.71-46.68	-fg olive micaceous quartzite, occasionally calcareous, tr of po and py	96235c	2.50	30.71	33.21	<5	36
	along foliations and fractures in some sections	96236c	1.00	33.21	34.21	<5	55
	33.91-calcareous quartzite, random 1 to 2 mm fractures with ca, tr po,	96237c	1.00	34.21	35.21	<5	14
	py	96238c	1.00	35.21	36.21	<5	8
	39.02, 40.38-2 cm fractured, blue-grey qtz veinlets	96239c	1.00	36.21	37.21	<5	11
	40.56-1 to 3 mm qtz veinlet, tr po, py	96240c	1.00	37.21	38.21	<5	12
	40.62-5 cm fractured, blue-grey qtz veinlet @ 25 °	96241c	1.00	38.21	39.21	<5	12
	41.18-2, 2 mm fractures with white qtz, ca, 1% po, py	96242c	1.00	39.21	40.21	<5	16
	43.20-1 mm fracture, 1% po, 1/2% cpy?	96243c	1.00	40.21	41.21	6	31
	44.61-1 cm blue-grey qtz veinlet @ 35 °	96244c	1.00	41.21	42.21	<5	13
	44.89-tr py on fracture	96245c	1.00	42.21	43.21	<5	16
	45.73-5 cm qtz stockwork, 50% fractured, blue-grey qtz veinlets	96246c	1.00	43.21	44.21	<5	27
	46.00-weak fracturing with py	96247c	1.00	44.21	45.21	<5	73
		96248c	1.47	45.21	46.68	<5	46
46.68-50.02	-pale green sc matrix with 3 to 4 mm long stretched chl phenocrysts,	96249c	1.00	46.68	47.68	<5	72
	weakly-moderately calcareous, foliation @ 50 °, minor 1 to 2 mm	96250c	1.00	47.68	48.68	<5	29
	fractures with ca @ 20 °						



**APPENDIX II**  
**CERTIFICATES OF ANALYSIS**

To: NOBLE METAL GROUP  
801, 409 Granville Street  
Vancouver, B.C.  
V6C 1T2  
ATTN: W.G. Timmins



File No : 37849  
Date : December 29, 1995  
Samples : Rock/Core  
Project :  
P.O. #

### Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
<u>"Assay Analyses"</u>	
96176	12
96177	45
96178	45
96179	45
96180	45
96181	13
96182	5
96183	45
96184	45
96185	7
96186	45
96187	45
96188	45
96189	45
96190	45
96191	45
96192	45
96193	45
96194	45
96195	9
96196	5
96197	26
96198	45
96199	45
96200	10
96201	45
96202	45
96203	26
96204	45

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

*[Signature]*  
Assayer

To: NOBLE METAL GROUP  
801, 409 Granville Street  
Vancouver, B.C.  
V6C 1T2  
ATTN: W.G. Timmins



File No : 37849  
Date : December 29, 1995  
Samples : Rock/Core  
Project :  
P.O. #

### Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
98205	<5
98206	<5
98207	<5
98208	<5
98209	<5
98210	<5
98211	<5
98212	<5
98213	<5
98214	<5
98215	<5
98216	15
98217	<5
98218	<5
98219	<5
98220	<5
98221	<5
98222	<5
98223	<5
98224	<5
98225	<5
98226	8
98227	<5
98228	<5
98229	<5
98230	<5
98231	<5
98232	<5
98233	<5
98234	<5
98235	<5

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

  
Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To: NOBLE METAL GROUP  
801, 409 Granville Street  
Vancouver, B.C.  
V6C 1T2  
ATTN: W.G. Timmins



File No : 37849  
Date : December 29, 1988  
Samples : Rock/Core  
Project :  
P.O. #

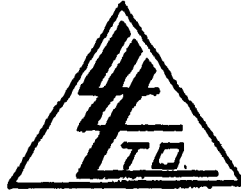
### Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
<u>"Reassay Analyses"</u>	
96181	<5
96194	<5
96195	<5
96198	<5
96208	<5
96216	<5
96217	<5
96223	<5

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

*Gary Forgy*  
Assayer

To: NOBLE METAL GROUP  
801, 409 Granville Street  
Vancouver, B.C.  
V6C 1T2  
ATTN: W.G. Timmins

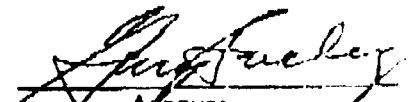


File No : 37849  
Date : December 29, 1999  
Samples : Rock/Core  
Project :  
P.O. #

## Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
96236	<5
96237	<5
96238	<5
96239	<5
96240	<5
96241	<5
96242	<5
96243	0
96244	<5
96245	<5
96246	<5
96247	<5
96248	<5
96249	<5
96250	<5
96251	<5
96252	29
96253	<5

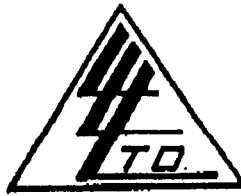
I HEREBY CERTIFY that the above results are those assays  
made by me upon the herein described samples:

  
Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.



To: NOBLE METAL GROUP  
 801, 409 Granville Street  
 Vancouver, B.C.  
 V6C 1T2  
 ATTN: W.G. Timmins




File No : 37894  
 Date : January 4, 1990  
 Samples : Sludge  
 Project :  
 P.O.#

**Certificate of Assay**  
**Loring Laboratories Ltd.**

Sample No.	PPB Gold
<b><u>"Assay Analysis"</u></b>	
<b><u>85-2</u></b>	
32.01-33.54 M	28
33.54-35.06 M	23
35.06-36.59 M	22
36.59-38.11 M	<5
38.11-39.63 M	14
39.63-41.16 M	23
41.16-42.68 M	14
42.68-44.21 M	14
44.21-45.73 M	22
45.73-47.26 M	9
47.26-48.78 M	<5
48.78-50.30 M	<5
50.30-51.83 M	<5
51.83-53.35 M	<6
53.35-54.88 M	<5
54.88-56.40 M	<5
56.40-57.93 M	<5
57.93-59.45 M	19
59.45-60.98 M	53
60.98-62.50 M	<5
62.50-64.02 M	<5
64.02-65.55 M	<5
65.55-67.07 M	12
67.07-68.60 M	<6
68.60-70.12 M	<5
70.12-71.65 M	<5
71.65-73.17 M	<6
73.17-74.70 M	<5

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

  
 Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To : NOBLE METAL GROUP  
801, 409 Granville Street  
Vancouver, B.C.  
V6C 1T2  
ATTN: W.G. Timmins




File No : 37894  
Date : January 4, 1973  
Samples : Sludge  
Project :  
P.O.#

### Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB Gold
74.70-76.22 M	<5
76.22-77.74 M	8
77.74-79.27 M	<5
79.27-80.79 M	<5
80.79-82.32 M	<5
82.32-83.84 M	<5
83.84-85.37 M	<5
85.37-86.89 M	7
86.89-88.41 M	<5
88.41-89.94 M	<5
89.94-91.46 M	<5
91.46-92.99 M	<5
92.99-94.51 M	<5
94.51-96.04 M	<5
96.04-97.56 M	<5
97.56-99.09 M	<5
99.09-100.61 M	<5
100.61-102.13 M	<5
102.13-103.66 M	<5
105.18-106.71 M	<5
107.16 M	<5

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

  
Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.



# Loring Laboratories Ltd.

629 Beaverdam Road N.E.  
 Calgary Alberta T2K 4W7  
 Tel 274-2777 Fax 275-0541

TO: Noble Metals  
 FILE # 37849

DATE: December 31, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
96176	5	10	15	27	<.3	<1	2	418	2.93	13	<5	<2	3	27	0.3	<2	<2	10	0.25	0.022	7	27	0.52	70	0.08	<3	1.23	0.07	0.17	<2
96177	4	3	13	46	<.3	1	<1	399	2.22	16	<5	<2	2	37	0.2	2	<2	7	0.38	0.018	5	38	0.27	65	0.16	<3	1.46	0.10	0.23	<2
96178	1	14	7	55	<.3	<1	<1	819	5.89	20	<5	<2	<2	153	<2	6	<2	163	0.43	0.054	6	10	2.56	87	0.26	<3	3.28	0.13	0.13	<2
96179	1	28	22	97	<.3	44	14	342	4.73	17	<5	<2	24	32	<2	4	5	13	0.49	0.040	33	33	1.10	51	0.02	<3	2.40	0.02	0.25	<2
96180	<1	50	21	120	<.3	49	15	313	5.72	25	<5	<2	24	22	<2	6	7	14	0.36	0.048	42	33	1.37	43	0.01	3	2.90	0.02	0.23	<2
96181	1	40	15	139	<.3	45	20	389	6.43	34	<5	<2	16	35	0.3	5	2	23	0.50	0.027	24	53	1.50	45	<.01	<3	3.23	0.02	0.23	<2
96182	<1	27	13	75	<.3	27	10	498	3.77	14	<5	<2	17	80	0.3	<2	4	13	1.45	0.030	29	47	0.81	49	<.01	<3	1.98	0.02	0.24	<2
96183	1	41	14	85	<.3	32	11	443	4.14	15	<5	<2	17	50	<2	2	7	12	1.22	0.042	34	34	0.91	31	<.01	<3	2.01	0.01	0.18	<2
96184	1	57	13	58	<.3	33	17	549	3.64	13	5	<2	<2	46	0.2	2	<2	72	1.15	0.033	4	94	1.73	12	0.22	<3	2.22	0.04	0.04	<2
96185	<1	101	6	14	0.3	29	20	349	1.11	3	<5	<2	3	31	0.2	4	<2	16	5.60	0.006	1	28	0.19	5	0.08	<3	0.52	<.01	<.01	<2
96186	<1	33	<3	37	<.3	22	13	379	2.69	7	<5	<2	<2	20	0.2	5	<2	54	1.35	0.030	1	45	1.05	5	0.16	<3	1.45	0.02	<.01	<2
96187	1	49	12	60	<.3	32	18	636	4.05	11	6	<2	<2	36	<2	3	<2	95	2.46	0.040	1	92	1.79	18	0.24	<3	2.33	0.04	0.05	<2
96188	<1	21	12	77	<.3	34	21	746	5.00	21	5	<2	<2	35	0.4	5	<2	120	2.21	0.031	1	102	2.44	9	0.21	<3	2.96	0.03	0.03	<2
96189	1	69	24	31	<.3	40	16	497	1.82	<2	<5	<2	<2	50	0.3	<2	<2	32	5.91	0.009	1	57	0.60	5	0.11	<3	1.20	0.01	<.01	<2
96190	<1	20	11	73	<.3	40	17	566	4.07	12	<5	<2	3	39	0.2	3	<2	79	1.52	0.026	4	118	2.01	17	0.20	<3	2.48	0.03	0.06	<2
96191	1	29	27	89	<.3	34	14	417	4.09	15	<5	<2	17	33	<2	3	3	16	0.71	0.037	29	55	0.97	48	0.03	<3	2.07	0.02	0.22	<2
96192	<1	28	27	106	<.3	37	19	705	5.56	18	<5	<2	8	50	0.4	3	<2	86	1.87	0.040	13	69	2.18	26	0.21	4	3.28	0.02	0.11	<2
96193	<1	47	14	60	<.3	37	17	655	4.85	25	<5	<2	12	141	0.7	3	3	55	3.56	0.027	26	72	1.78	50	0.03	<3	2.80	0.03	0.25	<2
96194	<1	34	19	84	<.3	40	15	484	4.21	15	<5	<2	16	34	0.2	4	5	15	0.99	0.030	31	38	1.02	50	0.10	3	1.98	0.02	0.25	<2
96195	1	30	24	79	<.3	33	14	636	4.05	9	<5	<2	19	31	0.3	4	7	24	1.17	0.031	46	40	1.03	30	0.05	<3	1.91	0.01	0.14	<2
96196	1	28	25	83	<.3	35	14	689	3.83	14	<5	<2	19	33	0.3	5	5	14	0.64	0.020	46	43	0.89	47	0.01	<3	2.02	0.02	0.26	<2
96197	<1	29	22	84	<.3	35	14	644	4.12	18	<5	<2	17	30	<2	5	5	14	0.50	0.022	39	40	0.91	47	0.01	<3	2.05	0.02	0.23	<2
96198	1	31	20	86	<.3	35	12	655	4.19	12	<5	<2	15	34	<2	4	5	14	0.65	0.021	25	49	0.91	44	<.01	<3	2.10	0.02	0.26	<2
RE 96198	1	31	20	89	<.3	35	13	677	4.33	17	<5	<2	15	36	0.3	4	5	14	0.68	0.022	27	55	0.94	47	<.01	<3	2.20	0.02	0.27	<2
96199	<1	27	13	53	<.3	22	8	649	2.91	7	<5	<2	13	62	0.2	2	<2	20	1.75	0.021	19	60	0.82	40	0.01	<3	1.60	0.02	0.20	<2
96200	<1	29	21	80	<.3	26	20	1009	5.81	24	<5	<2	6	98	0.5	3	<2	132	4.04	0.035	7	56	2.52	25	0.02	<3	3.58	0.02	0.13	<2
96201	1	40	16	92	<.3	40	15	663	4.69	16	<5	<2	20	27	0.2	3	7	14	0.57	0.069	47	39	1.02	40	0.01	<3	2.34	0.02	0.24	<2
96202	1	37	22	84	<.3	39	16	451	4.11	7	<5	<2	12	17	0.2	3	5	11	0.36	0.014	19	27	0.77	48	<.01	<3	1.63	0.02	0.30	<2



# Loring Laboratories Ltd.

629 Beaverdam Road N.E.  
 Calgary Alberta T2K 4W7  
 Tel: 274-2777 Fax: 275-0541

TO: Noble Metals  
 FILE # 37849

DATE: December 31, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	
96203	1	47	22	99	<.3	47	18	444	4.56	10	<5	<2	11	16	0.4	3	5	7	0.24	0.022	15	22	0.85	38	<.01	<3	1.57	0.02	0.23	<2
96204	1	39	12	87	<.3	40	14	748	4.23	14	<5	<2	12	28	0.2	4	3	12	0.74	0.022	17	38	0.91	33	<.01	<3	2.00	0.01	0.21	<2
96205	1	36	17	80	<.3	35	13	555	3.89	13	<5	<2	11	27	0.2	3	4	12	0.55	0.025	20	47	0.94	34	<.01	<3	1.76	0.02	0.23	<2
96206	1	46	18	102	<.3	72	19	474	5.13	19	<5	<2	17	32	<.2	6	5	21	0.61	0.041	53	78	1.68	33	<.01	<3	2.65	0.01	0.21	<2
96207	1	31	17	76	<.3	57	15	582	4.13	17	<5	<2	12	42	0.4	4	2	29	1.55	0.034	36	106	1.55	35	0.01	<3	2.23	0.01	0.19	<2
96208	1	48	13	79	<.3	49	20	720	5.04	20	<5	<2	8	53	0.5	4	5	99	3.01	0.041	17	83	2.38	39	0.17	<3	3.12	0.02	0.17	<2
96209	<1	47	26	72	<.3	49	14	442	4.05	10	<5	<2	15	19	0.4	3	5	17	0.96	0.032	34	56	1.37	49	0.13	<3	2.02	0.02	0.23	<2
STANDARD C	21	58	40	128	6.3	68	32	1019	4.01	45	18	7	37	53	17.6	19	21	61	0.56	0.093	41	59	0.91	180	0.09	25	1.97	0.06	0.16	10
96210	1	36	18	92	<.3	53	17	531	4.75	12	<5	<2	17	17	1.1	3	6	33	0.90	0.048	31	80	1.71	54	0.13	<3	2.54	0.02	0.25	<2
96211	<1	34	7	59	<.3	46	15	426	3.47	13	<5	<2	15	16	0.5	3	4	21	0.89	0.029	17	84	1.22	47	0.11	<3	1.85	0.01	0.23	<2
96212	<1	18	7	74	<.3	41	20	897	5.39	19	<5	<2	3	45	0.9	4	<2	131	4.44	0.036	3	123	3.03	13	0.15	<3	3.55	0.02	0.04	<2
96213	<1	88	15	80	<.3	49	24	998	5.57	18	<5	<2	4	44	0.8	5	<2	92	4.31	0.064	5	103	2.73	17	0.31	<3	3.37	0.02	0.05	<2
96214	1	31	14	69	<.3	26	13	534	4.38	14	<5	<2	11	26	0.4	3	<2	30	1.54	0.025	19	47	1.36	49	0.13	3	2.09	0.02	0.25	<2
96215	1	30	8	69	<.3	31	12	452	4.00	9	<5	<2	12	24	0.3	2	5	20	1.02	0.042	25	51	1.28	82	0.15	<3	2.11	0.01	0.26	<2
96216	<1	56	16	69	<.3	127	22	704	4.53	24	<5	<2	8	84	0.7	4	4	72	3.21	0.044	16	280	3.21	57	0.16	<3	3.17	0.01	0.15	<2
96217	<1	38	18	60	<.3	27	11	581	3.47	13	<5	<2	10	38	0.3	2	<2	29	1.27	0.020	20	55	1.03	70	0.02	<3	1.91	0.02	0.24	<2
96218	<1	27	15	71	<.3	29	14	560	3.94	14	<5	<2	9	45	0.5	3	3	38	1.39	0.053	18	51	1.18	47	0.01	<3	2.15	0.02	0.23	<2
96219	<1	30	20	96	<.3	38	18	740	5.00	19	<5	<2	9	71	0.7	3	3	47	2.29	0.050	18	45	1.86	33	0.01	<3	2.97	0.01	0.24	<2
96220	1	150	54	80	0.3	42	20	448	4.03	18	<5	<2	11	17	0.3	4	4	12	0.50	0.023	17	55	0.95	39	0.01	<3	2.00	0.02	0.24	<2
96221	<1	51	20	109	<.3	50	18	410	5.30	18	<5	<2	16	10	0.3	4	4	13	0.17	0.032	40	39	1.42	48	0.01	<3	2.83	0.02	0.29	<2
96222	<1	42	20	97	<.3	43	16	395	4.86	21	<5	<2	17	23	0.5	4	6	13	0.40	0.045	45	38	1.32	70	<.01	<3	2.60	0.02	0.25	<2
96223	<1	46	12	112	<.3	39	16	563	6.15	16	<5	<2	13	28	0.7	4	3	22	0.58	0.046	21	52	1.54	48	0.01	<3	3.06	0.02	0.21	<2
RE 96223	<1	48	9	112	<.3	41	16	569	6.21	18	<5	<2	13	29	0.7	3	3	23	0.59	0.046	22	53	1.55	48	0.01	<3	3.13	0.02	0.21	<2
96224	<1	30	10	94	<.3	44	17	224	4.46	17	<5	<2	14	16	0.3	4	<2	20	0.20	0.045	22	41	1.13	97	0.12	<3	2.18	0.01	0.82	<2
96225	1	9	20	29	<.3	12	5	197	1.71	5	<5	<2	10	16	<.2	<.2	5	10	0.36	0.013	19	79	0.35	66	0.03	<3	0.86	0.03	0.25	<2
96226	<1	41	36	91	<.3	38	13	380	3.97	11	<5	<2	11	47	0.5	5	4	16	0.63	0.042	16	50	1.07	95	0.11	3	1.92	0.01	0.76	<2
96227	<1	33	16	94	<.3	37	14	325	4.74	12	<5	<2	15	19	0.6	3	<2	20	0.27	0.031	27	50	1.31	68	0.09	<3	2.37	0.02	0.57	<2
96228	<1	33	13	48	<.3	20	8	342	2.64	10	<5	<2	10	33	0.5	2	<2	10	0.73	0.016	16	46	0.59	72	0.06	<3	1.20	0.02	0.42	<2



# Loring Laboratories Ltd.

629 Beaverdam Road N.E.  
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TO: Noble Metals  
 FILE # 37849

DATE: December 31, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
96229	<1	20	13	78	<.3	31	12	268	4.13	11	<5	<2	14	20	0.4	4	<2	15	0.25	0.039	32	40	1.12	68	0.09	<3	2.10	0.01	0.58	<2
96230	<1	27	11	92	<.3	45	11	236	4.00	5	<5	<2	22	16	0.4	3	6	13	0.21	0.037	60	25	1.27	82	0.13	<3	2.13	0.01	0.95	<2
96231	<1	42	12	82	<.3	48	21	386	4.70	18	<5	<2	20	26	0.4	4	7	19	0.36	0.036	54	45	1.39	75	0.06	<3	2.41	0.02	0.47	<2
96232	<1	17	22	36	<.3	19	7	184	1.91	4	<5	<2	6	15	0.2	<2	<2	9	0.22	0.028	18	99	0.52	35	0.05	<3	0.94	0.01	0.28	<2
96233	1	25	18	72	<.3	25	11	416	3.76	8	<5	<2	13	30	0.3	3	4	19	0.40	0.023	21	55	1.01	54	0.08	<3	1.89	0.03	0.37	<2
96234	<1	18	22	81	1.4	39	16	372	3.72	14	<5	<2	21	42	0.4	6	8	14	0.67	0.137	61	35	1.13	81	0.07	<3	2.11	0.01	0.58	<2
96235	<1	36	18	104	<.3	36	16	456	4.67	10	<5	<2	13	40	0.4	5	3	23	0.49	0.027	27	55	1.38	72	0.09	<3	2.44	0.02	0.41	<2
96236	<1	65	35	108	<.3	39	18	639	4.60	16	<5	<2	13	72	0.3	5	<2	24	1.07	0.029	28	60	1.35	85	0.08	<3	2.37	0.03	0.50	<2
96237	<1	14	20	66	<.3	24	11	668	3.20	14	<5	<2	13	81	0.4	2	3	18	1.29	0.017	21	58	0.85	64	0.03	<3	1.62	0.03	0.28	<2
96238	<1	8	17	40	<.3	14	6	976	2.11	4	<5	<2	12	162	<.2	2	<2	15	2.80	0.015	25	58	0.52	33	0.06	<3	1.03	0.03	0.14	<2
96239	1	11	16	37	<.3	14	6	1461	1.88	6	<5	<2	12	205	0.3	<2	<2	14	4.55	0.018	22	57	0.46	46	0.06	<3	0.95	0.03	0.18	<2
96240	<1	12	20	67	<.3	23	9	580	3.08	11	<5	<2	15	77	<.2	3	2	23	1.18	0.022	27	61	0.85	75	0.08	<3	1.57	0.03	0.31	<2
96241	<1	12	24	85	<.3	22	8	514	3.00	6	<5	<2	12	84	0.4	3	2	25	0.90	0.017	21	63	0.81	72	0.10	<3	1.50	0.04	0.35	<2
96242	<1	16	21	89	<.3	36	15	509	4.00	25	<5	<2	18	82	0.3	6	2	21	0.78	0.027	32	56	1.19	89	0.07	<3	2.06	0.02	0.30	<2
96243	<1	31	26	59	<.3	21	10	391	3.00	10	<5	<2	16	70	0.3	4	5	18	0.70	0.022	25	75	0.80	85	0.08	<3	1.52	0.03	0.30	<2
STANDARD C	21	57	39	129	6.2	63	32	973	4.01	42	18	7	38	53	18	17	23	58	0.51	0.092	41	60	0.89	190	0.09	22	1.98	0.06	0.16	9
96244	<1	13	17	60	<.3	23	10	399	3.09	13	<5	<2	15	91	0.2	<2	<2	21	0.83	0.020	26	66	0.85	99	0.09	<3	1.60	0.03	0.26	<2
96245	1	18	15	62	<.3	26	10	329	3.34	9	<5	<2	14	55	<.2	<2	4	18	0.47	0.019	26	63	0.92	94	0.09	<3	1.67	0.02	0.25	<2
96246	<1	27	6	87	<.3	38	15	358	4.14	11	<5	<2	16	60	<.2	<2	6	20	0.83	0.128	41	40	1.32	219	0.05	<3	2.25	0.02	0.53	<2
96247	<1	73	<3	65	<.3	27	11	413	3.13	10	<5	<2	15	85	<.2	<2	3	23	1.08	0.019	22	64	0.99	132	0.06	<3	1.65	0.02	0.23	<2
RE 96247	1	74	6	67	<.3	28	12	423	3.17	14	<5	<2	14	87	<.2	<2	2	24	1.10	0.019	22	85	1.01	134	0.06	<3	1.68	0.02	0.24	<2
96248	<1	40	11	74	<.3	36	14	546	3.40	5	<5	<2	15	117	0.3	<2	2	34	2.31	0.067	27	78	1.21	293	0.14	<3	1.95	0.03	0.44	<2
96249	1	72	<3	54	<.3	430	45	533	4.10	28	<5	<2	<2	89	0.6	<2	<2	56	2.12	0.051	8	610	4.78	7	0.28	<3	3.56	<.01	0.01	<2
96250	<1	29	<3	79	<.3	291	35	1044	5.18	19	6	<2	2	345	0.3	<2	<2	86	7.23	0.050	5	588	4.68	13	0.28	<3	4.31	<.01	0.03	<2
96251	1	53	4	61	<.3	191	25	950	4.12	8	<5	<2	5	346	0.6	<2	<2	82	7.28	0.039	8	404	3.59	24	0.29	<3	3.23	0.01	0.04	<2
96252	<1	113	<3	43	<.3	46	9	713	2.47	9	<5	<2	10	131	<.2	<2	2	35	3.62	0.018	15	123	1.09	49	0.19	<3	1.29	0.03	0.07	<2
96253	1	47	<3	59	<.3	166	24	655	4.25	6	<5	<2	4	167	0.5	<2	<2	85	3.47	0.056	9	401	3.70	60	0.39	<3	3.18	0.02	0.11	<2
STANDARD C	21	58	37	130	6.2	58	34	1018	4.08	45	19	7	38	56	18.8	16	19	62	0.58	0.092	42	59	0.92	201	0.09	26	2.03	0.07	0.16	9

**APPENDIX III**  
**COST STATEMENT**

## COST STATEMENT

### SALARIES

- Grant Crooker, Geologist	
- Nov 14-27, 1995	
- 20 days @ \$ 350 per day	\$ 7,000.00
- Lee Mollison, Field Assistant	
- Nov. 14-27, 1995	
- 14 days @ \$ 150 per day	2,100.00
- William Timmins, Geologist	
- 5 days @ \$ 400.00 per day	2,000.00
- Company Representative	
- 16 days @ \$200 per day	3,200.00
- Cook	
- 17 days @ \$ 100 per day	1,700.00

### MEALS AND ACCOMODATION

- Grant Crooker - 14 days @ \$ 75 per day	1,050.00
- Lee Mollison - 14 days @ \$ 75 per day	1,050.00
- 2 drillers - 2 x 15 days @ \$ 75 per day	2,250.00
- 2 drill helpers - 2 x 15 days @ \$ 75 per day	2,250.00
- 1 cook - 17 days @ \$ 75 per day	1,275.00
- 1 company representative - 16 days @ \$ 75 per day	1,200.00
- 2 loader operators - 2 x 17 @ \$ 75 per day	2,550.00

### TRANSPORTATION

- Vehicle Rental (Chev 3/4 ton)	
- Nov 14-27, 1995	
- 14 days @ \$ 60 per day	840.00
- Gasoline	187.00

## EQUIPMENT RENTAL

- Diamond Saw  
- Nov 14-27, 1995  
- 14 days @ \$ 25 per day 350.00

- Diamond Saw Blades  
- 1 @ \$ 250.00 250.00

- John Deere 892 ELC Excavator  
- 30 hours @ \$ 165 per hour 4,950.00

- John Deere 744E Loader  
- 60 hours @ \$ 140 per hour 8,400.00

SUPPLIES - (Diesel and Propane) 825.00

SUPPLIES - (Geological) 1,023.08

## DRILL COSTS

- Longyear 38 Diamond Drill  
- 206.42 metres 14,629.31

## GEOCHEMICAL ANALYSIS

- 135 prep @ \$ 4.01 541.35  
- 81 ICP @ \$ 8.56 693.36  
- 49 gold (1 assay T) @ \$ 14.98 734.02  
- 86 gold (1/2 assay T) @ \$ 9.63 828.18

FREIGHT 257.23

## PREPARATION OF REPORT

- Secretarial, reproduction, office overhead etc. 100.00

Total \$ 62,233.53