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FILE NO:

1992 SUMMARY REPORT

on the  
Laferty Group

FILMED

Laferty #1-4, Orion #1-18, Molly Gibson (1990),  
Bonanza #1,  
Bonanza #2, Bonanza #10.

GREENWOOD and TRAIL CREEK MINING DIVISION  
British Columbia

North Latitude 49° ~~01'~~<sup>11'</sup> West Longitude 118° ~~58'~~<sup>06' 30"</sup>

NTS 82E/01E  
UTM Zone 11

Prepared for

CROWN RESOURCES CORP.  
1225 17th Street, Suite 1500  
Denver, Colorado 80202

GOVERNMENT AGENT  
NELSON  
DEC 20 1993  
TRANS. #.....

Prepared by

R.E. Miller B.Eng. Sci.  
Crownex Resources (Canada) Ltd.  
P.O. Box 2941  
Grand Forks, B.C.  
VOH 1H0

November, 1993

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

23,202

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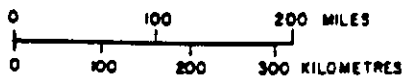
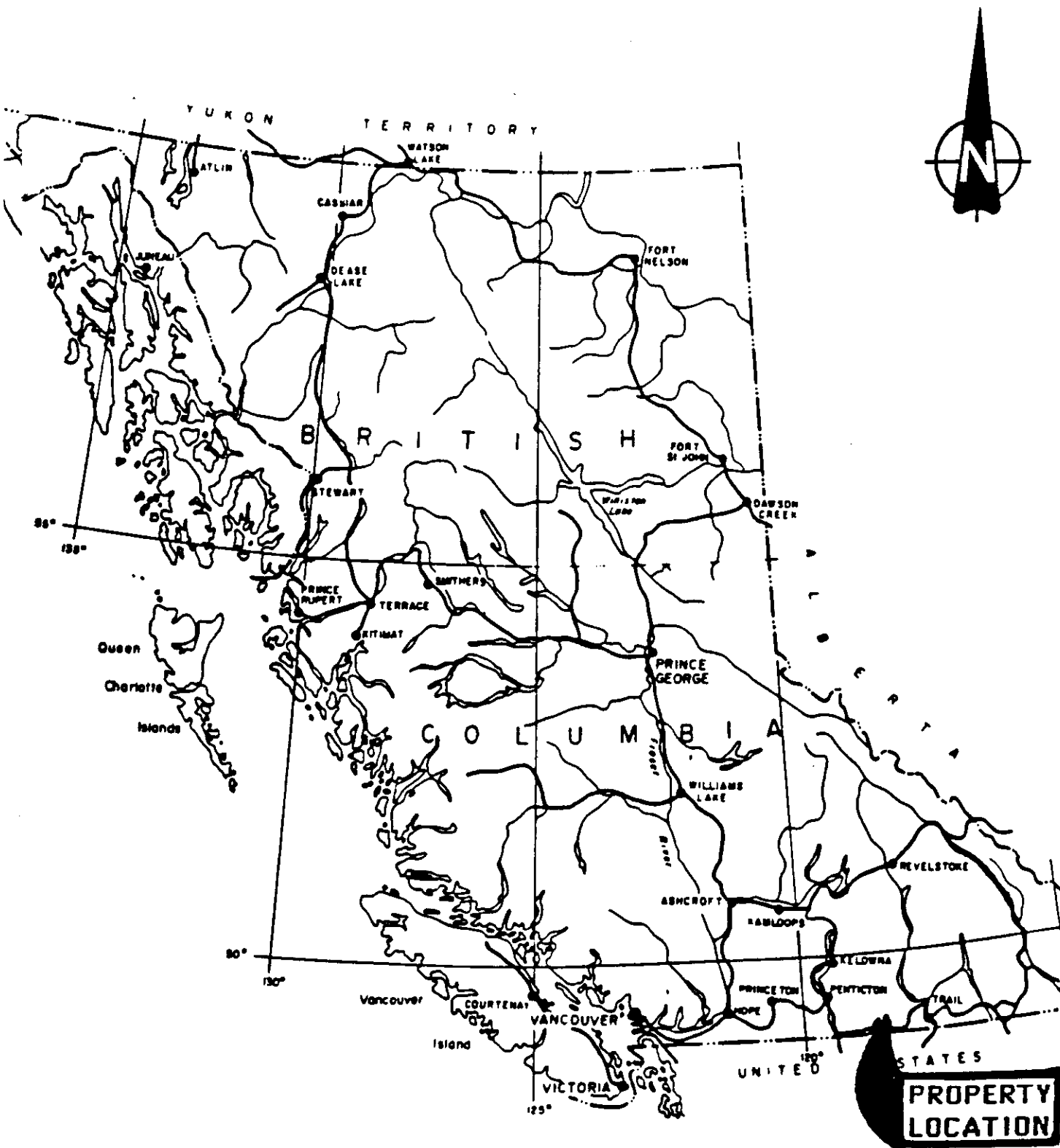
## 1.0 INTRODUCTION

This report describes the 1992 Laferty Claim Group mineral exploration program conducted by Crownex Resources Ltd., a wholly owned subsidiary of Crown Resources Corp., Seventeenth Street Plaza, 1225 17th street, Suite 1500 Denver, Colorado 80202. Field data was gathered from April 1991 through December 1992, over the Laferty claim block which is located 40 km east of Grand Forks, B.C.. (Figure #1) Exploration work consisted of airborne geophysics, ground magnetometry, gridding, rock chip sampling, underground sampling, and Reverse Circulation drilling.

### 1.1 SUMMARY

Literature search and reconnaissance geology, geochemistry, and ground geophysics in April and May 1991, prior to land acquisition, indicated geology possibly favorable to the development of bulk tonnage gold drill targets existed in the area around the old Canadian Pacific rail station at Paulson, some 40 km east of Grand Forks.

Minor high grade gold production west south west of Paulson, has been associated with sulfide and magnetite bearing, siliceous skarnification of select limestone beds. East of Paulson, gold silver ore has been obtained from



<i>CROWNEX EXPLORATION</i>			
PROPERTY LOCATION MAP			
OSOYODS MINING DIVISION			
<b>LAFERTY GROUP</b>			
DRAWN BY <i>Rem</i>	NTS	DATE 11/93	FIGURE 1

quartz monzonite hosted quartz veins.

The Dighems airborne geophysical survey was chosen as the most efficient initial exploration tool as steep, rugged terrain, abundant overburden, heavy vegetation, and difficult local access hampered the ground based gold exploration data collection.

A number of well mineralized gold and base metal occurrences fall within the Paulson survey block, producing a comparative data base aiding in the interpretation and extrapolations of the Airborne geophysical information.

The Laferty claims group lies within the boundaries of Crown Resources larger Paulson Airborne geophysical survey block, details of which are found in Crown's Bonanza and Orion Group B.C. Assessment Reports 1992.

## 1.2 PROPERTY AND OWNERSHIP

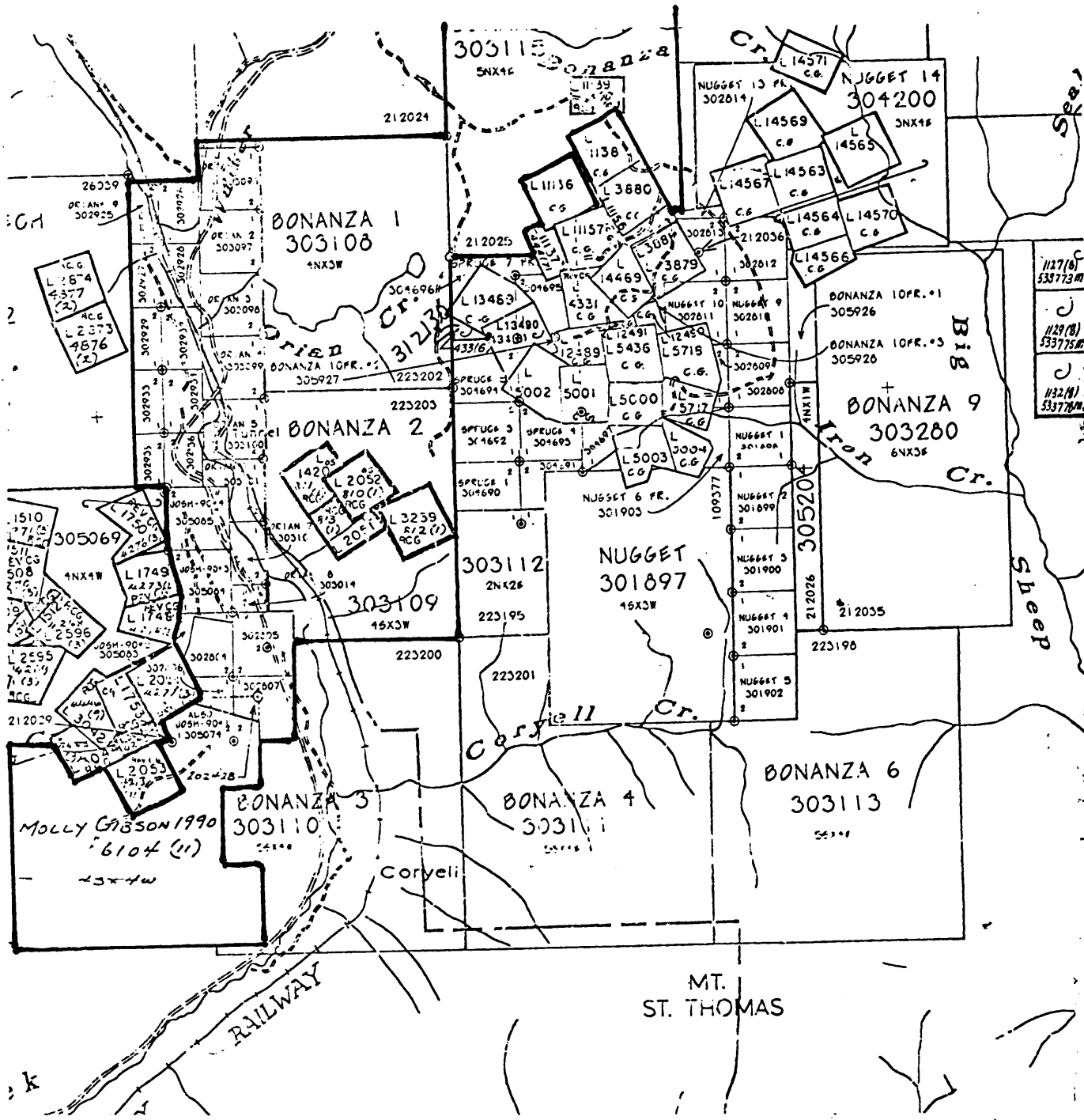
The Laferty properties are comprised of 22 two post claims and 4 M.G.S. claims totalling 82 units. Molly Gibson (1990) has been optioned from Herman Hoehn of Grand Forks, B.C. by Crownex Resources Ltd., a wholly owned subsidiary of Crown Resources Corp., 17th Street Plaza, 1225

Seventeenth Street, Suite 1500 Denver, Colorado 80202. The properties are located in the Greenwood and Trail Creek Mining Divisions. (Figure #2)

The following table summarizes the pertinent claim data.

LAFERTY GROUP

UNITS	CLAIM NAME	TENURE NUMBER	EXPIRY DATE*
16	Molly Gibson (1990)	6104	Nov 1996
1	Laferty #1	302804	Aug 8, 1994
1	Laferty #2	302805	"
1	Laferty #3	302806	"
1	Laferty #4	302807	"
1	Orion #1	303096	Aug 8, 1994
1	Orion #2	303097	"
1	Orion #3	303098	"
1	Orion #4	303099	"
1	Orion #5	303100	Aug 9, 1994
1	Orion #6	303101	"
1	Orion #7	303102	"
1	Orion #8	303014	Aug 9, 1994
1	Orion #9	302925	Aug 11, 1994
1	Orion #10	302926	"
1	Orion #11	302927	"
1	Orion #12	302928	"
1	Orion #13	302929	"
1	Orion #14	302932	"
1	Orion #15	302933	"
1	Orion #16	302934	"
1	Orion #17	302935	"
1	Orion #18	302936	"



LAFERTY GROUP  
 CLAIM MAP  
 SCALE 1:50,000



Fig 2  
 RSM

12	Bonanza #1	303108	Aug 9, 1994
12	Bonanza #2	303109	"
20	Bonanza #10	303115	Aug 11, 1994

\*Pending acceptance of this report

### 1.3 LOCATION, ACCESS AND PHYSIOGRAPHY

The Laferty claim group is situated in the Greenwood and Trail Creek Mining Division of Southern British Columbia near Bonanza Pass on Highway #3, 7.0 km east of Paulson, an old Canadian Pacific rail station. Grand Forks is approximately 40 km to the west and Castlegar is about 35 km to the east. Granville Mountain is near the northeast side of the property at Latitude  $49^{\circ} 11' N$  Longitude  $118^{\circ} 4' W$ . McRae Creek bisects the property and Big Sheep Creek is near the east boundary edge.

Access is via a southerly trending, steady grade mine road that leaves the old Castlegar highway near its junction with Highway #3 at the south west end of the Paulson Bridge. Numerous logging, mining and bush roads provide excellent access to most of the interior part of the property.

Granville Mountain is the main topographical feature near



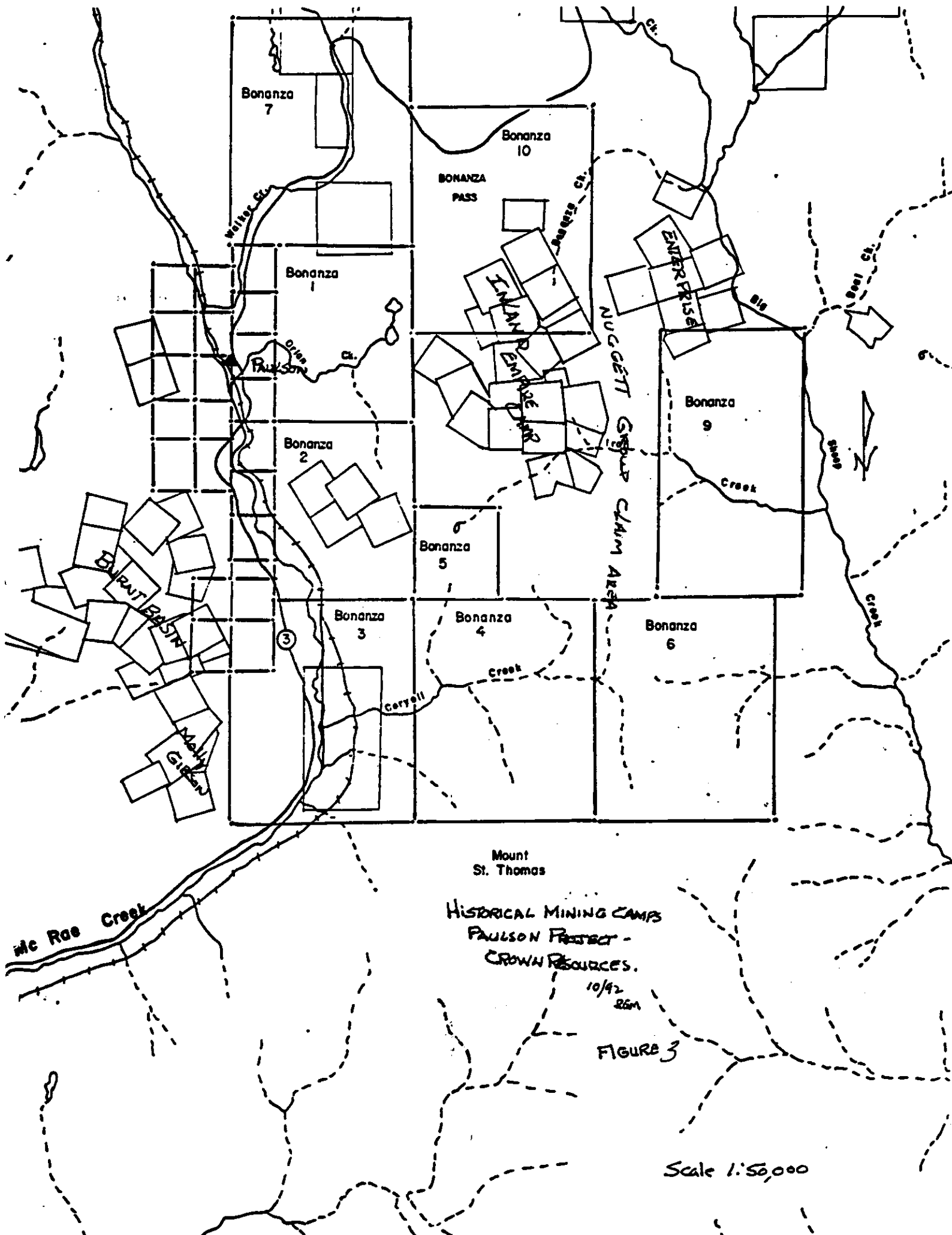
the east side of the property at a height of 1800+ meters (5838 feet). The topographical low point near the property is located south of Paulson by the old railroad stop at Coryell where the elevation is 1025 meters (3177 feet) for an approximate local relief of 675 meters. Mount St. Thomas, south east of the property, is some 2100+ meters (6500 +feet) in elevation and is the most prominent point in the immediate area.

Topography varies from gentle rolling hills in the central up-lands, to precipitous cliffs south along Coryell Creek, east along Big Sheep Creek, and centrally along McRae Creek.

Vegetation consists mainly of conifers and scrub bush. Numerous old clear cut logging areas are located within the group.

#### 1.4 HISTORY

Most of the previous mineral work, near or within the Laferty Claim Group, has been associated with the Burnt Basin and Inland Empire mining camps of which Paulson was the jumping off point along the old railroad. (Figure #3) Historical mining efforts in the Burnt Basin Camp started



Mount  
St. Thomas

HISTORICAL MINING CAMPS  
PAULSON DISTRICT -  
CROWN RESOURCES.

10/92  
26m

FIGURE 3

Scale 1:50,000

in the late 1890's centering around; lead, zinc, silver, copper "replacement bodies" in the central portion of the camp along with gold mineralization at the Molly Gibson and Motherlode claims south and northwest of the central base metal showings.

Base metal production in the camp has been sporadic and no production records are readily apparent until 1948 when the Minister of Mines report states that 14 tons of base metal ores were shipped from the Halifax claim to the smelter at Trail.

Direct shipments of mine run ore, mainly from the Eva Bell and Halifax claims were made from 1972-1977. Lack of concentration facilities on site to up-grade the mine run ore resulted in marginal economics and production ceased. The following table summarizes the recent base metal data, exploration efforts, and production history at Burnt Basin.

TABLE I

1927	Minister of Mines Report; per ton Silver 10.8 oz; Lead 17.8%; Zinc 20.5%.
1948	Minister of Mines Report: 14 tons shipped; Silver 10.5 oz; Lead 18.1%; Zinc 18.3%, per ton.

- 1965 Christina Lake Mines - geological, geochemical and magnetometer surveys were completed. Some diamond drilling - data not available.
- 1968 Dalex Mines - an induced polarization survey, considerable stripping and trenching on Burnt Basin and Ajax claims. Geochemical survey, trenching and stripping and seven drill holes totalling 2,142 feet.
- 1972-75 Donna Mines, reports by E.O. Chisholm and H.H. Shear, line cutting and magnetometer surveys on the Eva Bell and Halifax, and five short diamond drill holes on the Eva Bell, cat trenching and percussion drilling. Shipped a total of 1,488 tons to Trail, H.B. Mines, Re=Mac Mines and Kam-Kotia.
- 1975-76 Alviija Mines Ltd - produced 1,750 tons from the Eva Bell claim and shipped 535 tons yielding 3.1 oz. Ag/ton, 4.45% Pb, 6.75% Zn with 21.5% magnetite to the H.B. Mine at Salmo.
- 1977 Paulson Mines Ltd. completed 1,500 feet of diamond drilling on the Halifax claim and published intercepts of up to 6" grading 12.4 oz. Ag/ton, 19.7% Lead and 14.9% Zinc. (note: Details not available)
- 1978 Oliver Resources completed a vector Pulse E.M. Survey, I.P. Survey with about 10 km completed. Granges Exploration Ltd. completed 291 m of diamond drilling on the Eva Bell and BP No. 2 (adjoins Eva Bell to the east).
- 1986-87 West Rim Resources carried out extensive soil geochemical surveys in the Halifax-Eva Bell area.

The following Table II summarizes the gold exploration and production history at Burnt Basin.

TABLE II

1909 - 1933 Shafts, tunnels and trenches on the Molly

	Gibson Group produced 260 tons containing 285 oz. gold and 119 oz. silver.
1909 - 1936	Molly Gibson Group an up-dated production total of 316 tons yielding 332 oz. gold.
1986 - 1987	West Rim Resources completed 420 meters of diamond drilling at the Motherlode prospect.
1988	John Worthing - Salt Lake City, Utah drilled at least 4 core holes on the Molly Gibson. (data unavailable)
1991	Pan Orvana completed small geochemical grid on Molly Gibson.

Other gold claims in the Burnt Basin camp include the Kittie, Aldeen, Contact, Tammany and Tunnel group. Historically, production in the Inland Empire camp, east of Paulson near Granville Mountain has been from small scale shafts, tunnels and open cuts which have produced limited tonnages of gold and silver ore. The following table lists some of the more pertinent data by claim.

TABLE III

INLAND EMPIRE GROUP:  
Albion Claim

1950	shipped 25 tons containing 8 oz. gold and 38 oz. silver.
1962	shipped 152 tons containing 16 oz. gold, 147 oz. silver, 309 lbs. lead, and 309 lbs. zinc.
1964	shipped 25 tons containing 70 oz. gold, 23 oz. silver, 50 lbs. lead, and 50 lbs. zinc.

## Alice L./Berlin Claims

- 1917 59 tons valued @ \$90-100 in gold and silver.
- 1918 142 tons assaying 3.0 oz/ton gold, 15.0 oz/ton silver, and 0.6% copper.
- 1919 65 tons containing 26 oz. gold, 83 oz. of silver and 117 lbs. copper.
- 1938 541 tons shipped containing 121 oz. gold, 1,142 oz. silver.
- 1939 467 tons yielding 80 oz. of gold and 145 oz. silver.

## Inland (Inland Empire) Claim

- 1912 2,200 tons milled. 43 tons shipped.

Recent gold exploration efforts in the Laferty Claim Group area had centered around the gold bearing quartz veins until Prominent Resources Corp's more comprehensive exploration in 1985 which focused on the viability of gold targets adjacent to the traditional camp, as well as trying to evaluate the quartz vein targets within the intrusive.

## 2.0 GENERAL GEOLOGY

## 2.1 REGIONAL GEOLOGY

Carboniferous or older rocks, possibly equivalent in part to the Pennsylvanian-Permian Mt. Roberts Formation and

Lower Jurassic Elise Formation of the Rosslund Group, have been intruded by Late Jurassic Early Cretaceous Nelson and Middle Eocene Coryell plutonic rocks. (Figure #4a & 4b).

Mt. Roberts Formation rocks form an elongated east west roof pendant in the central part of the project area. The pendant consists mainly of limestone, argillaceous limestone, chert, slate, pebble conglomerate and andesitic volcanics. Rocks within the pendant strike roughly north west 320 to 340 dipping 40 to 85 east and are cross cut by north trending shear zones.

Limestone and argillites are generally light gray to black in color and relatively unaltered except where skarned.

Volcanic rocks are typically dark green and "intrusive dykes and sills" are typically light colored.

Rocks equivalent? to the Rosslund Group, consisting of flow breccias, volcanic breccias, andesites, basalts, agglomerates, tuffs, black laminated siltstones, and augite porphyry, outcrop throughout the property.

Biotite hornblende granodiorite of the Late Jurassic - Early Cretaceous Nelson intrusives cut both the Rosslund Group and the Mt. Roberts Formation.









Nelson intrusive rocks have been subsequently intruded by Middle Eocene Coryell, coarse grained syenite, and quartz monzonite. Granites and monzonites of Coryell age are also common along with numerous hypabyssal prophyritic phases.

## 2.2 GENERAL GOLD MINERALIZATION

Gold bearing fissure quartz veins have been found on the Burnt Basin side at the Motherlode, Kittie, Aldeen, Tammany and Tunnel group claims. Reported gold values have ranged from a trace to 22 grams per ton.

Most of the Burnt Basin (Figure #5) gold production has come from sulfide rich calc-silicate skarn bodies in a silicious limestone unit at the Molly Gibson group claims. Sulfides include pyrrhotite, pyrite and chalcopyrite. Magnetite is also present in the skarn aureole, but is usually a minor constituent except in the base metal "replacement" ore bodies where it forms bands of massive magnetite up to 2.0 meters thick.

East of Paulson the gold mineralization at the Inland Empire camp is related to north trending quartz veins cutting quartz monzonite and related intrusive bodies. These veins are usually: polymetallic, strike within 10



degrees of north, dip steeply, faulted, and discontinuous along strike.

Alteration halos associated with the veins tend to be narrow and either propylitic or argillic. Some quartz veins exhibit epithermal banding and/or mineralogy while others appear to have mesothermal characteristics. Sulfide pods and disseminations within the quartz vein or at its contact with the wall rock, consist of all or one of the following: pyrite, arsenopyrite, chalcopyrite galena, pyrrhotite, and sphalerite. Magnetite bearing quartz veins have been found within the Rossland? volcanics.

Skarn hosted mineralization that occurs at the south end of the Laferty claim group and at the Enterprise group to the north east, is predominantly base metal enriched. However, selective sampling of the skarn can produce economic gold assays. Skarnification evidenced in the limestone of the Mt. Roberts Formation and Rossland volcanic units, appears to be intensely telescoped. It is common to go from coarse marble to garnetite within a few meters along strike of the altered beds and from clacite epidote skarn to garnet magnetite skarn in less than one meter within the highly fractured volcanics.

### 2.3 1991 EXPLORATION PROGRAM

Following a literature review in March-April 1991, area wide field work began in May with geologic orientation and rock chip sampling. Samples were collected from the Molly Gibson and Eva Bell claims on the Burnt Basin side and the Inland, Washington, Saginaw FR, and Amazon claims of Granville Mtn. on the Inland Empire side (See Orion and Bonanza Group Assessment Report).

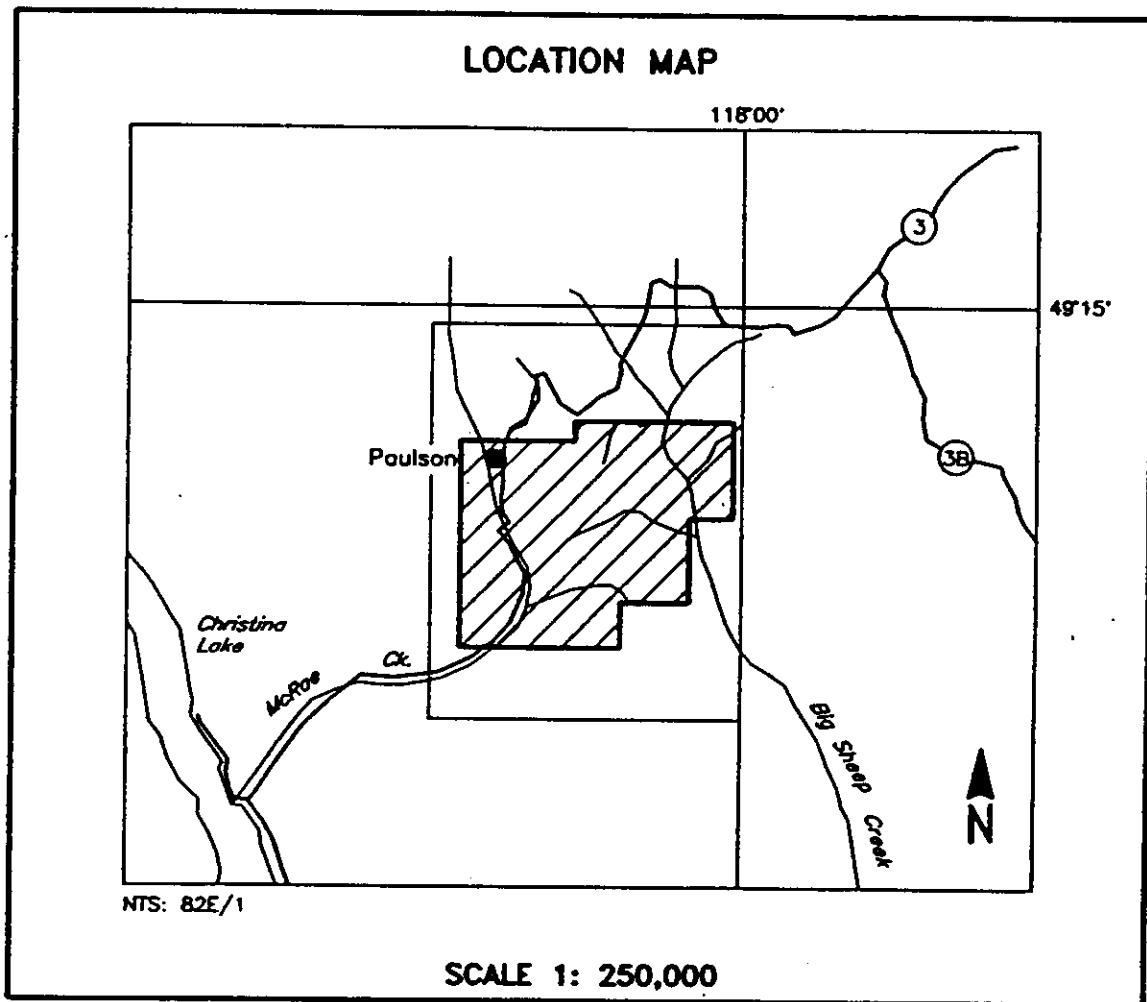
Rock chip sampling, gridding, followed by wide spaced soil sampling was started on the Laferty claim group in July 1991.

### 2.4 1992 EXPLORATION PROGRAM

Work consisted of: literature review, airborne geophysics, magnetometry, geochemistry, and drilling.

#### 2.4.1 AIRBORNE GEOPHYSICS

Dighem Surveys and Processing Inc. Mississauga, Ontario was contracted to conduct an airborne geophysical survey over Crown Resources Paulson Project in British Columbia which included the Laferty Claim Group. (Figure #6) This survey was carried out from May 5 to May 11, 1992 covering 288 line-km and has been reported on in Crown Resources Orion



AIRBORNE GEOPHYSICAL AREA  
PAULSON PROJECT  
FIGURE 6

Group and Bonanza Group Assessment Reports 1992.

The survey, centered at approximately 49° 11' North Latitude and 118° 4' West Longitude, employed the Dighem electromagnetic system with support equipment consisting of: magnetometer, radar altimeter, video camera, analog and digital recorders, a V.L.F. receiver, and an electronic navigation system. Data developed from the airborne system, provided electromagnetic, resistivity, magnetic and V.L.F. coverage of the Paulson survey block, which includes the Laferty claim group.

#### 2.4.2. GROUND GEOPHYSICS-MAGNETOMETRY

Total field magnetic readings were obtained with a Geometrics Proton Magnetometer Model Number G-846, in the hand held position, at each station on the Laferty-Molly Gibson grid. Stations are located every 50 meters along east-west lines that are 100 meters apart with one fill-in 50 meter line at 4650N. (Figure #7) Approximately 6.0 km of surveyed line was run during adverse winter snow conditions.

The most significant magnetic signature is an elliptically shaped magnetic low (approximately minus 1000-2000 gammas)

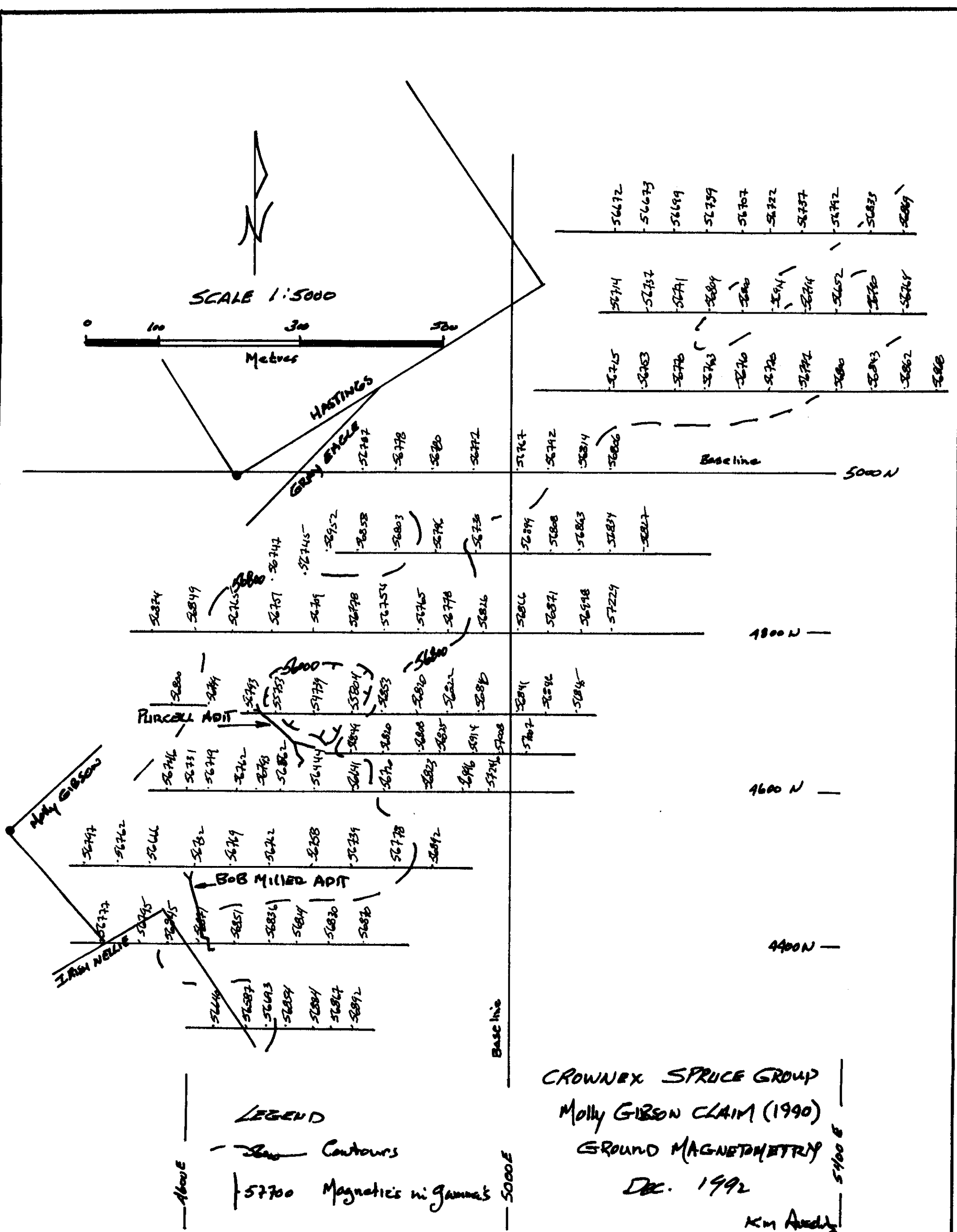


FIGURE 7



in the area of the Purcell adit production stope. Positive changes were encountered and appear to be related to lithologic units and an increase in outcropping to the east as elevation is gained.

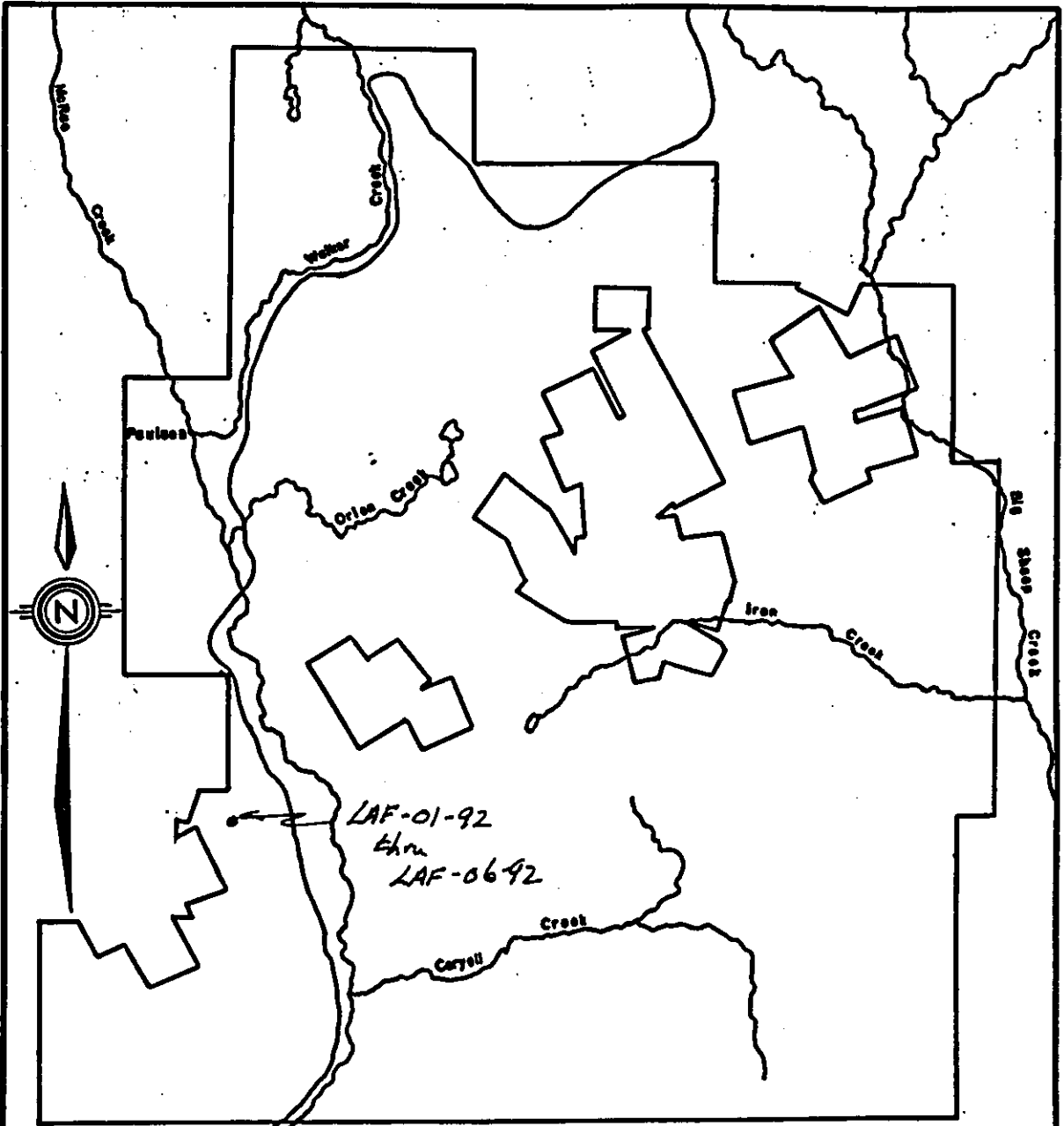
#### 2.4.3 GEOCHEMISTRY

Surface rock chip sampling in the Laferty group was centered around the Molly Gibson claim and the Laferty 1, 2, 3, and 4 claims, all located west of McRae Creek near Burnt Basin.

Typical of earlier work, present sampling efforts returned gold grades of economic interest from the various cuts, pits, shafts and adits on the Molly Gibson 1990 claim. (Figure #8a, 8b, 8c)

In an attempt to gain additional data, the portals of the three main adits on the Molly Gibson were cleared and an underground sampling program was initiated. Approximately 75 samples were collected and assayed for gold.


Based on underground work (Figure #9 in pocket) it is postulated that a north trending steeply dipping structure helps to localize gold enriched sulfide lenses in the



Mt. St. Thomas

*Rock Chip Samples - LAF0192 - LAF0692  
LAFERTY GROUP - COHEN ADIT*

*SCALE 1:30,000*

 <b>CROWN RESOURCES</b>		3020 Oroville Terada Creek Road Star Route 85 Oroville, Washington 98844	
<b>PAULSON PROJECT</b>			
<i>Fig 8a</i>			
SCALE: 1:30,000	COMPILED: <i>Ra</i>	REVISED:	
DATE: 7/192	DRAWN: <i>Ra</i>	DATE:	

# ROCK SAMPLE SHEET

Sampler R. Miller

Date J. Kemp

Property PULLSON - LAFFERTY GROUP

NTS \_\_\_\_\_

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS			
		Rock Type	Alteration	Mineralization		Ppb Au			
LAF-01 92	G	Limy Argillite	Oxidized	Pyrite, galena, Sphalerite	Calcite Veining strike 330° dip 40° NE	155			
LAF-02 92	G	Limy Argillite	Siliceous	Pyrite, galena Sphalerite	@ intrusive contact	195			
LAF-03 92	G	Int. L.S. Contact	Siliceous oxidized	Pyritic + galena	intrusion very altered. - maybe dioritic	8			
LAF-04 92	G	biotite schist	oxidized	Pyritic	after L.S.	<5			
LAF-05 92	G	Magnetite SKARN	SKARN	Pyrite, Magnetite Sphalerite	Serpentinitic	630			
LAF-06 92	G	Volcanic	Silicified	Pyrite, Pb, chalcocite, galena Sphalerite	Very Siliceous / Andesitic Gneiss?	265			

C-CHIP G-GRAB F-FLOAT



hanging wall of a limestone unit along its contact with an overlying intrusive sill.

Strong north trending structural control of the gold bearing mineralization is also supported by anomalous gold values from surface working that occur between the major adits, in association with intrusive sills?

#### 2.4.4 DRILLING

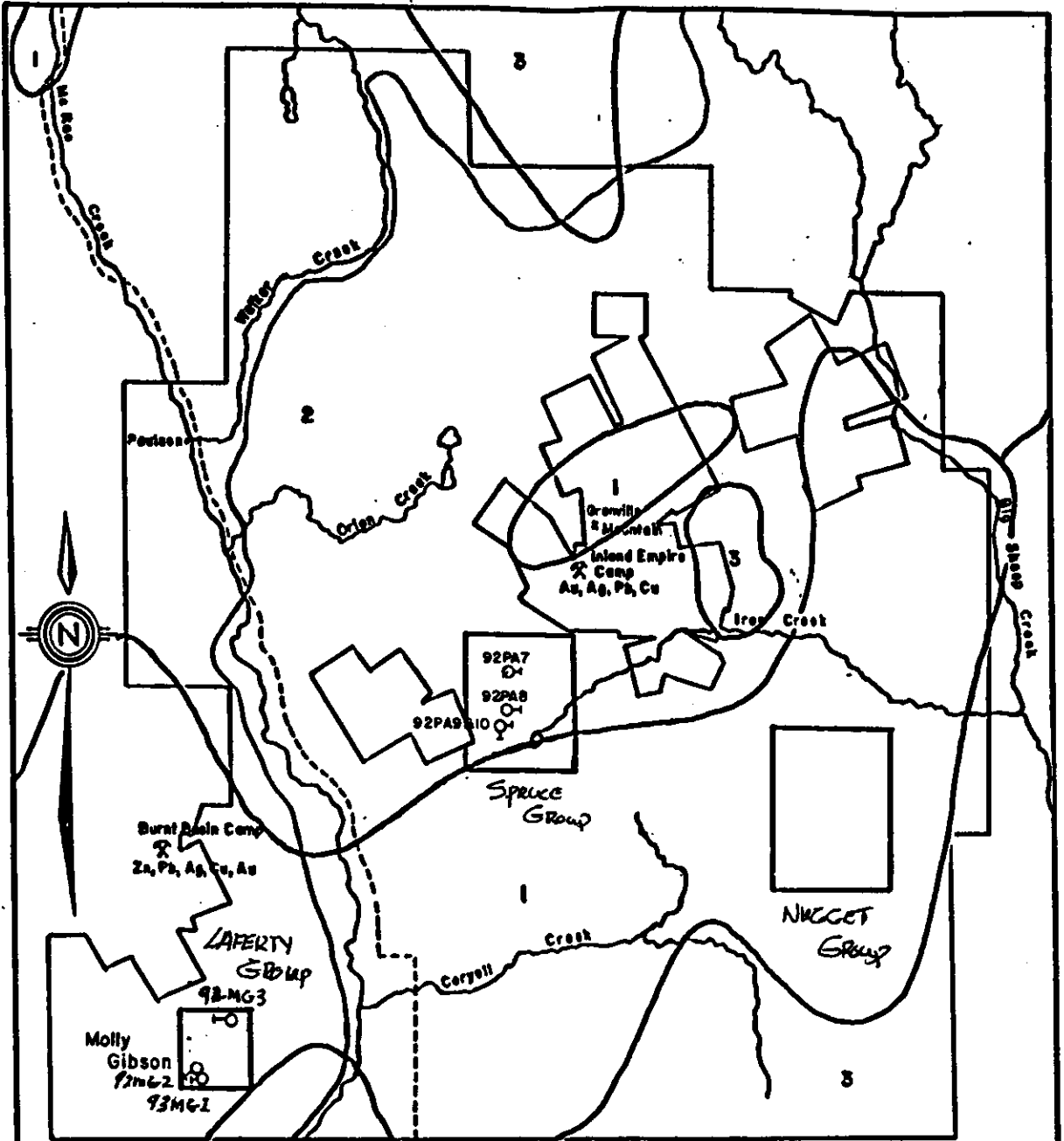
Three Reverse Circulation drill holes were drilled on the Molly Gibson claim. (Figure #10) Engineering data is as follows:

HOLE #	BEARING	ANGLE	Ft/m Total Depth
92 MG #1	270°	-60°	260/79.2
92 MG #2	270°	-60°	285/86.9
92 MG #3	270°	-45°	340/103.6

Hole 92MG #1 was the only hole to intersect elevated gold at depth. The results are as follows: 875 ppb from 55-60 ft. and from 220-225 ft.

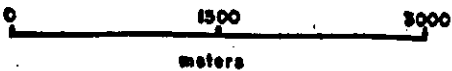
#### 2.5 CONCLUSIONS

Elevated gold values along with the few high grade gold samples are found in siliceous sulfate bearing skarn zones in the hanging wall of altered limestone near the contact



**LEGEND**

- 1992 RC Drilling
- TERTIARY**
- MARRON GROUP** - Syenite & Monzonite (Dike & Sills)
- CRETACEOUS/JURASSIC**
- Granite, Gneiss, & Diorite (Okanagan Bethelith & Nelson Pluton)**
- ORDOVICIAN TO TRIASSIC(?)**
- ROSSLAND & ANARCHIST GROUPS(?)** - Gneiss, Andesite, Schist, Argillaceous Limestone, & Limestone.



Greenwood Mining Division  
Trail Creek Mining Division  
Mt. St. Thomas

		2020 Gravelly Trade Creek Road Star Route 65 Gravelly, Washington 98844
<b>PAULSON PROJECT</b> <b>LAFERTY GROUP</b> <b>TRAIL CREEK/GREENWOOD MINING DIVISION</b>		
<b>FIGURE 10</b>		
SCALE: 1:50,000	COMPILED: JRE	REVISION:
DATE: 11/92	DRAWN: JRE	DATE:

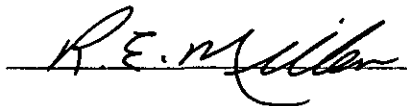
with an overlying sill. The data suggests that the enrichment is more pronounced when the layered geology is cut by north trending shear zones.

#### 2.6 RECOMMENDATION

Continue basic exploration north and west of the present Molly Gibson grid.

Drill three core holes from underground in the Bob Miller adit, down dip and along strike of the gold bearing structure located approximately 95 meters southerly from the adit portal.

Respectfully submitted

A handwritten signature in cursive script, appearing to read "R.E. Miller", is written over a horizontal line.

R.E. Miller

APPENDIX A  
COST ESTIMATES



LAFERTY CLAIMS  
STATEMENT OF COST

Manpower

Bob Miller - geologist 15 days \$250.00 x 15	\$ 3750.00
John Kemp - prospector 3 days \$175.00 x 3	525.00
Kim Anshetz - helper 20 days \$100.00 x 20	2000.00
Stan Ruzicka - cat skinner 15 days \$110.00 x 15	1650.00

Vehicles

2 trucks x 20 x \$65.00	2640.00
Bulldozer rental 1/2 month @\$5000.00/month	2500.00
Fuel 150 gallons plus oil	450.00

Geophysics

Magnetometer rental \$15.00/day x 5 days	\$ 75.00
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Drilling

885 ft @\$12.50/ft	\$11,062.50
--------------------	-------------

Assays

99 rocks @\$14.00	\$ 1386.00
177 drill cuttings @\$14.00	2478.00

Report, shipping, office etc	\$ 900.00
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Total	\$26,466.50
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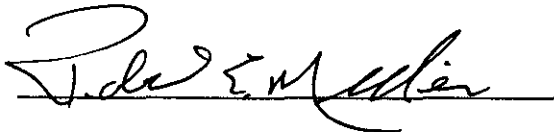
APPENDIX B  
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I ROBERT E. MILLER, of Oroville, Washington U.S.A., DO  
HEREBY CERTIFY:

1. THAT I am a geologist with Crown Resources Corporation,  
with a business address of Star Route 85, Oroville,  
Washington 98844.
2. THAT I am a graduate from Brigham Young University with  
a Bachelor of Science degree in Geological Engineering  
(1969).
3. THAT I have practised my profession continuously since  
graduation.
4. THAT I personally conducted the 1992 exploration  
program discussed in this report.

DATED this 29<sup>th</sup> day of Nov, 1993.



Robert E. Miller  
Geological Engineer

APPENDIX C  
REFERENCES

## REFERENCES

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APPENDIX D

ASSAYS



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221

To: CROWN RESOURCE CORPORATION  
SEVENTEENTH STREET PLAZA  
1225 17TH ST., STE. 1500  
DENVER, COLORADO  
80202

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P.O. Number :  
Account :JXX

Project : PAULSON ✓  
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

## CERTIFICATE OF ANALYSIS A9226453

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
92MG #1 000-005	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
92MG #1 005-010	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
92MG #1 010-015	205 274	< 5	1.0	2.31	< 2	280	< 0.5	< 2	3.43	2.0	11	19	18	3.50	< 10	< 1	0.90	< 10	1.03	475
92MG #1 015-020	205 274	< 5	0.4	2.13	8	70	< 0.5	< 2	>15.00	8.0	6	26	30	1.76	< 10	< 1	0.23	10	0.29	320
92MG #1 020-025	205 274	< 5	1.0	2.78	2	210	< 0.5	< 2	8.34	6.5	10	2	21	2.66	< 10	< 1	0.58	< 10	0.69	330
92MG #1 025-030	205 274	< 5	0.8	2.02	2	240	< 0.5	< 2	2.25	1.0	15	30	12	3.25	10	< 1	0.86	10	1.20	300
92MG #1 030-035	205 274	< 5	< 0.2	2.69	< 2	120	< 0.5	2	12.70	12.0	9	54	35	2.25	< 10	< 1	0.43	10	0.48	205
92MG #1 035-040	205 274	< 5	0.2	2.60	2	40	< 0.5	< 2	>15.00	12.5	6	38	38	1.45	< 10	< 1	0.14	< 10	0.25	140
92MG #1 040-045	205 274	< 5	< 0.2	2.11	14	10	< 0.5	< 2	>15.00	13.0	4	28	32	1.34	< 10	< 1	0.04	< 10	0.07	185
92MG #1 045-050	205 274	115	0.8	2.48	< 2	180	< 0.5	< 2	3.53	1.5	13	6	166	3.97	< 10	< 1	0.63	< 10	1.02	310
92MG #1 050-055	205 274	50	1.2	2.88	< 2	140	< 0.5	< 2	1.62	< 0.5	13	28	157	4.75	< 10	< 1	0.78	< 10	1.25	430
92MG #1 055-060	205 274	875	1.8	3.65	< 2	60	< 0.5	< 2	1.73	< 0.5	34	32	428	9.10	10	< 1	0.86	< 10	1.25	420
92MG #1 060-065	205 274	190	0.8	3.01	< 2	80	< 0.5	< 2	1.23	< 0.5	21	78	345	6.93	< 10	< 1	1.28	< 10	1.44	470
92MG #1 065-070	205 274	40	0.2	1.39	< 2	20	< 0.5	< 2	>15.00	8.0	6	24	44	1.84	< 10	< 1	0.09	< 10	0.11	510
92MG #1 070-075	205 274	35	0.2	0.63	< 2	< 10	< 0.5	< 2	>15.00	1.0	3	19	23	2.69	< 10	< 1	0.01	< 10	0.11	945
92MG #1 075-080	205 274	30	0.2	4.34	< 2	30	< 0.5	< 2	13.85	0.5	16	32	123	2.87	< 10	< 1	0.19	< 10	0.27	340
92MG #1 080-085	205 274	20	< 0.2	4.75	8	150	< 0.5	< 2	4.48	< 0.5	15	40	58	2.69	< 10	< 1	0.80	< 10	1.05	260
92MG #1 085-090	205 274	10	0.2	3.95	4	350	< 0.5	< 2	2.22	< 0.5	12	61	24	3.50	< 10	< 1	1.24	< 10	1.76	275
92MG #1 090-095	205 274	5	0.4	4.44	2	330	< 0.5	< 2	2.31	< 0.5	18	50	92	4.27	< 10	< 1	1.19	< 10	1.74	340
92MG #1 095-100	205 274	20	0.6	4.59	8	280	< 0.5	< 2	2.56	< 0.5	17	49	122	4.43	< 10	< 1	1.36	< 10	1.66	305
92MG #1 100-105	205 274	< 5	0.2	3.34	< 2	160	< 0.5	< 2	2.21	< 0.5	12	53	49	3.06	< 10	< 1	0.85	< 10	1.06	245
92MG #1 105-110	205 274	< 5	0.2	2.10	8	170	< 0.5	< 2	1.39	< 0.5	12	65	13	3.30	< 10	< 1	0.73	10	1.26	380
92MG #1 110-115	205 274	< 5	< 0.2	1.57	4	100	< 0.5	< 2	1.21	< 0.5	13	53	14	2.90	< 10	< 1	0.40	20	1.06	335
92MG #1 115-120	205 274	< 5	0.2	1.36	6	60	< 0.5	< 2	1.11	< 0.5	10	36	12	2.82	< 10	< 1	0.31	20	0.95	360
92MG #1 120-125	205 274	< 5	< 0.2	1.15	< 2	60	< 0.5	< 2	1.19	< 0.5	9	24	11	2.34	< 10	< 1	0.28	20	0.74	280
92MG #1 125-130	205 274	< 5	0.2	1.87	6	50	< 0.5	< 2	1.60	< 0.5	10	29	25	2.95	< 10	< 1	0.25	20	0.82	325
92MG #1 130-135	205 274	< 5	0.2	1.41	2	30	< 0.5	< 2	1.38	< 0.5	10	25	38	2.44	< 10	< 1	0.19	20	0.78	270
92MG #1 135-140	205 274	< 5	0.4	1.24	< 2	60	< 0.5	< 2	1.12	< 0.5	9	42	35	2.57	10	< 1	0.19	50	0.81	310
92MG #1 140-145	205 274	< 5	0.2	0.82	< 2	130	< 0.5	< 2	0.71	< 0.5	5	62	12	1.81	10	< 1	0.21	90	0.51	220
92MG #1 145-150	205 274	< 5	0.2	0.89	2	100	< 0.5	< 2	0.79	< 0.5	6	48	12	1.88	10	< 1	0.16	80	0.58	260
92MG #1 150-155	205 274	< 5	0.2	1.08	2	80	< 0.5	2	0.91	< 0.5	6	43	15	1.98	20	< 1	0.11	70	0.50	305
92MG #1 155-160	205 274	< 5	< 0.2	1.39	18	80	< 0.5	2	1.20	< 0.5	6	58	16	2.04	20	< 1	0.13	80	0.46	300
92MG #1 160-165	205 274	< 5	0.2	1.46	8	90	< 0.5	2	1.26	< 0.5	7	64	16	2.17	20	< 1	0.14	80	0.51	325
92MG #1 165-170	205 274	< 5	< 0.2	1.08	2	120	< 0.5	< 2	0.92	< 0.5	7	60	14	1.94	20	< 1	0.18	90	0.59	260
92MG #1 170-175	205 274	< 5	< 0.2	1.53	4	140	< 0.5	< 2	0.89	< 0.5	11	51	30	2.58	10	< 1	0.40	50	1.06	295
92MG #1 175-180	205 274	< 5	< 0.2	1.57	12	150	< 0.5	< 2	0.83	< 0.5	13	38	26	2.51	< 10	1	0.53	< 10	1.12	225
92MG #1 180-185	205 274	< 5	< 0.2	1.79	6	140	< 0.5	< 2	1.37	< 0.5	21	43	153	3.81	< 10	< 1	0.57	< 10	1.15	260
92MG #1 185-190	205 274	< 5	< 0.2	0.85	2	180	< 0.5	2	0.63	< 0.5	6	51	13	2.04	20	< 1	0.24	80	0.55	230
92MG #1 190-195	205 274	< 5	< 0.2	3.11	14	170	< 0.5	< 2	1.60	< 0.5	17	51	81	4.09	< 10	< 1	0.90	< 10	1.74	370
92MG #1 195-200	205 274	< 5	< 0.2	2.59	10	150	< 0.5	< 2	2.17	< 0.5	18	62	106	3.99	< 10	< 1	0.62	< 10	1.52	325

CERTIFICATION:

*Jhai D Ma*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: CROWN RESOURCE CORPORATION  
 SEVENTEENTH STREET PLAZA  
 1225 17TH ST., STE. 1500  
 DENVER, COLORADO  
 80202

Page Number :1-B  
 Total Pages :2  
 Certificate Date: 24-DEC-92  
 Invoice No. :19226453  
 P.O. Number :  
 Account :JXX

Project : PAULSON  
 Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

## CERTIFICATE OF ANALYSIS

### A9226453

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
92MG #1 000-005	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
92MG #1 005-010	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
92MG #1 010-015	205 274	< 1	0.13	7	720	8	4	6	142	0.22	20	< 10	133	< 10	138
92MG #1 015-020	205 274	7	0.06	25	1030	16	2	2	417	0.14	< 10	< 10	72	< 10	198
92MG #1 020-025	205 274	2	0.11	22	1400	< 2	4	4	250	0.22	< 10	< 10	101	< 10	174
92MG #1 025-030	205 274	< 1	0.07	9	850	< 2	4	3	79	0.24	30	< 10	107	< 10	84
92MG #1 030-035	205 274	10	0.07	35	1230	6	< 2	2	343	0.21	< 10	< 10	116	< 10	286
92MG #1 035-040	205 274	12	0.08	38	1000	6	< 2	2	493	0.13	< 10	< 10	108	< 10	278
92MG #1 040-045	205 274	12	0.02	37	940	12	2	1	426	0.09	< 10	< 10	84	< 10	296
92MG #1 045-050	205 274	< 1	0.15	12	1030	< 2	< 2	8	109	0.25	20	< 10	113	< 10	72
92MG #1 050-055	205 274	< 1	0.23	9	1080	< 2	2	9	87	0.31	20	< 10	130	< 10	72
92MG #1 055-060	205 274	< 1	0.29	17	1010	< 2	< 2	10	99	0.31	20	< 10	130	< 10	68
92MG #1 060-065	205 274	< 1	0.23	12	1090	8	< 2	13	69	0.38	< 10	< 10	155	< 10	76
92MG #1 065-070	205 274	9	0.03	31	610	6	< 2	2	381	0.07	< 10	< 10	77	< 10	234
92MG #1 070-075	205 274	10	0.01	20	380	4	2	1	308	0.02	< 10	< 10	23	< 10	96
92MG #1 075-080	205 274	3	0.49	15	1480	4	< 2	4	276	0.20	< 10	< 10	87	< 10	34
92MG #1 080-085	205 274	< 1	0.48	14	940	16	2	8	193	0.29	< 10	< 10	131	< 10	48
92MG #1 085-090	205 274	< 1	0.26	13	1050	12	2	15	278	0.33	< 10	< 10	179	< 10	68
92MG #1 090-095	205 274	< 1	0.23	15	1050	10	2	17	297	0.34	< 10	< 10	200	< 10	66
92MG #1 095-100	205 274	< 1	0.42	15	980	14	4	16	229	0.36	< 10	< 10	184	< 10	64
92MG #1 100-105	205 274	< 1	0.32	14	970	16	4	7	173	0.30	< 10	< 10	137	< 10	50
92MG #1 105-110	205 274	< 1	0.14	7	890	12	2	6	98	0.25	< 10	< 10	114	< 10	58
92MG #1 110-115	205 274	2	0.07	4	1090	14	< 2	3	77	0.17	< 10	< 10	77	< 10	50
92MG #1 115-120	205 274	< 1	0.06	2	1150	12	2	3	46	0.16	< 10	< 10	74	< 10	44
92MG #1 120-125	205 274	< 1	0.04	2	1230	10	2	2	56	0.15	< 10	< 10	65	< 10	36
92MG #1 125-130	205 274	1	0.05	3	1630	10	4	3	132	0.18	< 10	< 10	78	< 10	48
92MG #1 130-135	205 274	< 1	0.07	2	1440	12	2	3	129	0.13	< 10	< 10	56	< 10	44
92MG #1 135-140	205 274	1	0.06	7	1260	14	2	3	75	0.14	10	< 10	51	< 10	48
92MG #1 140-145	205 274	3	0.07	11	740	16	< 2	2	68	0.13	20	< 10	29	< 10	32
92MG #1 145-150	205 274	2	0.05	12	890	18	< 2	2	77	0.12	20	< 10	28	< 10	36
92MG #1 150-155	205 274	1	0.03	12	1090	16	< 2	3	99	0.11	< 10	20	31	< 10	44
92MG #1 155-160	205 274	1	0.07	12	1110	14	2	5	137	0.15	< 10	20	41	< 10	46
92MG #1 160-165	205 274	1	0.06	13	1150	14	2	6	131	0.16	< 10	10	42	< 10	46
92MG #1 165-170	205 274	3	0.07	13	950	12	< 2	3	97	0.15	< 10	20	32	< 10	38
92MG #1 170-175	205 274	2	0.07	14	840	6	< 2	7	113	0.20	< 10	10	85	< 10	50
92MG #1 175-180	205 274	< 1	0.06	14	820	6	4	7	135	0.20	< 10	< 10	111	< 10	44
92MG #1 180-185	205 274	1	0.09	17	850	8	2	7	153	0.22	< 10	< 10	103	< 10	46
92MG #1 185-190	205 274	4	0.05	12	900	16	< 2	2	52	0.15	< 10	20	32	< 10	34
92MG #1 190-195	205 274	< 1	0.20	17	1110	6	2	11	121	0.30	< 10	< 10	150	< 10	66
92MG #1 195-200	205 274	2	0.14	19	800	10	2	8	114	0.31	< 10	< 10	128	< 10	64

CERTIFICATION: *Jhai D Ma*





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Page Number :2-A  
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Project : PAULSON  
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

## CERTIFICATE OF ANALYSIS A9226453

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
92MG #1 200-205	205 274	< 5	< 0.2	2.36	< 2	30	< 0.5	< 2	2.68	1.5	15	40	103	3.02	10	< 1	0.16	< 10	0.97	295
92MG #1 205-210	205 274	< 5	< 0.2	3.18	< 2	130	< 0.5	2	2.83	< 0.5	16	51	62	3.77	10	< 1	0.51	20	1.74	410
92MG #1 210-215	205 274	< 5	< 0.2	3.11	< 2	40	< 0.5	2	7.67	0.5	16	36	98	2.39	< 10	< 1	0.31	< 10	0.83	305
92MG #1 215-220	205 274	115	0.2	3.16	6	90	< 0.5	12	3.70	< 0.5	22	48	157	3.83	< 10	< 1	0.57	< 10	1.14	320
92MG #1 220-225	205 274	1110	0.2	4.25	16	250	< 0.5	22	2.97	< 0.5	20	60	142	4.93	10	< 1	1.31	< 10	1.95	400
92MG #1 225-230	205 274	30	< 0.2	4.74	8	240	< 0.5	12	2.61	< 0.5	19	66	102	4.66	10	< 1	1.40	< 10	2.03	410
92MG #1 230-235	205 274	15	0.2	2.39	< 2	20	< 0.5	10	3.98	0.5	25	58	418	4.57	< 10	< 1	0.14	< 10	0.86	415
92MG #1 235-240	205 274	10	0.2	3.58	< 2	30	< 0.5	2	6.95	< 0.5	19	71	217	3.07	< 10	< 1	0.27	< 10	0.76	305
92MG #1 240-245	205 274	< 5	0.2	2.26	2	10	< 0.5	< 2	8.68	< 0.5	11	37	63	1.63	< 10	1	0.06	< 10	0.45	330
92MG #1 245-250	205 274	< 5	< 0.2	1.60	2	120	< 0.5	< 2	5.78	1.0	19	33	35	2.17	< 10	< 1	0.26	20	0.62	285
92MG #1 250-255	205 274	< 5	< 0.2	2.17	< 2	110	< 0.5	4	4.81	< 0.5	16	31	42	3.30	10	< 1	0.51	20	0.98	415
92MG #1 255-260	205 274	< 5	0.2	2.92	6	10	< 0.5	< 2	7.69	< 0.5	20	53	80	3.00	< 10	< 1	0.15	< 10	0.82	325

CERTIFICATION: *Yhai D Ma*



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## CERTIFICATE OF ANALYSIS A9226453

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
92MG #1 200-205	205	274	3	0.15	14	1050	16	< 2	6	119	0.20	< 10	< 10	87	< 10	120
92MG #1 205-210	205	274	2	0.16	13	1520	< 2	< 2	9	181	0.25	< 10	< 10	131	< 10	74
92MG #1 210-215	205	274	2	0.20	16	1300	< 2	2	7	216	0.27	< 10	< 10	105	< 10	50
92MG #1 215-220	205	274	1	0.15	15	1350	4	< 2	10	120	0.28	< 10	< 10	138	< 10	54
92MG #1 220-225	205	274	< 1	0.23	18	1530	< 2	2	19	182	0.37	< 10	< 10	212	< 10	88
92MG #1 225-230	205	274	< 1	0.34	16	1470	< 2	< 2	18	232	0.35	< 10	< 10	192	< 10	72
92MG #1 230-235	205	274	< 1	0.09	15	1390	10	< 2	8	91	0.29	< 10	< 10	101	< 10	66
92MG #1 235-240	205	274	< 1	0.20	14	1400	< 2	< 2	7	192	0.27	< 10	< 10	96	30	50
92MG #1 240-245	205	274	< 1	0.07	8	1230	< 2	< 2	4	208	0.16	< 10	< 10	59	10	26
92MG #1 245-250	205	274	2	0.10	10	1760	4	< 2	2	152	0.14	< 10	< 10	55	60	74
92MG #1 250-255	205	274	< 1	0.07	5	1890	8	2	6	110	0.22	< 10	< 10	91	< 10	52
92MG #1 255-260	205	274	< 1	0.10	17	1070	< 2	4	7	179	0.24	< 10	< 10	80	20	32

CERTIFICATION: *Phai S Ma*



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 P.O. Number :  
 Account :JXX

Project : PAULSON  
 Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

## CERTIFICATE OF ANALYSIS A9226454

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
92MG #2 200-205	205	274	< 5	0.2	1.72	6	10	< 0.5	2	14.15	5.0	3	28	49	0.65	< 10	< 1	0.05	< 10	0.04	115
92MG #2 205-210	205	274	< 5	0.2	1.25	2	10	< 0.5	< 2	>15.00	4.0	2	43	40	0.54	< 10	< 1	0.07	< 10	0.13	145
92MG #2 210-215	205	274	< 5	0.2	0.95	< 2	10	< 0.5	2	12.90	2.0	2	38	11	0.61	< 10	< 1	0.04	10	0.18	205
92MG #2 215-220	205	274	< 5	0.2	0.97	< 2	40	< 0.5	2	2.12	0.5	4	44	19	1.58	10	< 1	0.09	70	0.53	235
92MG #2 220-225	205	274	< 5	0.2	0.68	< 2	40	< 0.5	2	0.96	< 0.5	2	35	10	1.43	10	< 1	0.09	40	0.34	200
92MG #2 225-230	205	274	< 5	0.2	0.70	< 2	30	< 0.5	2	0.66	< 0.5	2	42	9	1.31	10	< 1	0.09	40	0.27	175
92MG #2 230-235	205	274	< 5	0.2	0.60	< 2	20	< 0.5	< 2	0.57	< 0.5	1	33	9	1.36	10	< 1	0.07	40	0.28	180
92MG #2 235-240	205	274	< 5	0.2	0.60	< 2	20	< 0.5	< 2	0.51	< 0.5	2	46	6	1.31	10	< 1	0.08	40	0.28	180
92MG #2 240-245	205	274	< 5	0.4	1.17	4	130	0.5	< 2	0.78	< 0.5	3	73	12	1.33	10	< 1	0.40	50	0.28	195
92MG #2 245-250	205	274	< 5	< 0.2	0.65	< 2	70	< 0.5	4	1.00	< 0.5	3	38	14	1.56	10	< 1	0.15	50	0.38	210
92MG #2 250-255	205	274	< 5	< 0.2	0.64	< 2	120	< 0.5	4	1.08	< 0.5	5	57	13	1.91	10	< 1	0.23	60	0.48	210
92MG #2 255-260	205	274	< 5	< 0.2	0.68	< 2	160	< 0.5	4	0.72	< 0.5	5	50	17	2.22	10	< 1	0.39	50	0.63	290
92MG #2 260-265	205	274	< 5	< 0.2	1.14	< 2	90	< 0.5	6	0.60	< 0.5	8	37	32	2.44	10	< 1	0.70	30	0.89	340
92MG #2 265-270	205	274	< 5	< 0.2	0.66	< 2	90	< 0.5	2	0.59	< 0.5	4	33	15	1.90	10	< 1	0.30	40	0.50	255
92MG #2 270-275	205	274	< 5	0.2	0.23	< 2	< 10	< 0.5	< 2	>15.00	0.5	< 1	16	10	0.97	< 10	< 1	0.06	10	0.17	485
92MG #2 275-280	205	274	< 5	0.2	3.74	2	10	< 0.5	< 2	>15.00	0.5	9	21	121	1.53	< 10	< 1	0.09	< 10	0.24	375
92MG #2 280-285	205	274	< 5	0.2	4.55	< 2	10	< 0.5	< 2	8.14	0.5	8	23	164	1.22	< 10	< 1	0.04	< 10	0.10	140

CERTIFICATION:

*Yhai J Ma*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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PHONE: 604-984-0221

To: CROWN RESOURCE CORPORATION  
SEVENTEENTH STREET PLAZA  
1225 17TH ST., STE. 1500  
DENVER, COLORADO  
80202

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Account :JXX

Project : PAULSON  
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

## CERTIFICATE OF ANALYSIS

### A9226454

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
92MG #2 200-205	205 274	3	0.20	21	800	16	2	< 1	616	0.08	< 10	< 10	26	10	80
92MG #2 205-210	205 274	5	0.04	18	730	18	< 2	1	604	0.08	< 10	< 10	35	10	100
92MG #2 210-215	205 274	4	0.01	9	870	30	< 2	2	341	0.12	< 10	< 10	41	10	118
92MG #2 215-220	205 274	5	0.05	6	880	10	2	2	132	0.16	< 10	< 10	25	10	46
92MG #2 220-225	205 274	4	0.04	2	550	12	2	1	79	0.12	< 10	< 10	16	< 10	36
92MG #2 225-230	205 274	3	0.05	3	390	16	< 2	1	126	0.09	< 10	< 10	13	< 10	28
92MG #2 230-235	205 274	2	0.06	2	410	14	< 2	1	57	0.09	< 10	< 10	12	< 10	28
92MG #2 235-240	205 274	3	0.06	2	380	10	< 2	1	47	0.09	< 10	< 10	13	< 10	24
92MG #2 240-245	205 274	3	0.29	3	410	30	4	2	101	0.12	< 10	< 10	15	< 10	60
92MG #2 245-250	205 274	2	0.06	8	1060	14	< 2	2	70	0.14	< 10	< 10	31	< 10	42
92MG #2 250-255	205 274	1	0.08	12	1450	8	< 2	1	100	0.15	< 10	< 10	50	< 10	30
92MG #2 255-260	205 274	1	0.07	11	1250	8	< 2	1	62	0.18	< 10	< 10	52	10	36
92MG #2 260-265	205 274	4	0.10	4	690	2	< 2	6	33	0.24	< 10	< 10	76	10	42
92MG #2 265-270	205 274	5	0.07	7	870	8	< 2	1	38	0.15	< 10	< 10	36	< 10	32
92MG #2 270-275	205 274	3	0.02	2	280	4	2	< 1	170	0.04	< 10	< 10	16	20	34
92MG #2 275-280	205 274	1	0.40	8	980	< 2	< 2	2	233	0.14	< 10	< 10	46	20	22
92MG #2 280-285	205 274	< 1	0.41	8	1160	16	< 2	1	166	0.18	< 10	< 10	41	10	20

CERTIFICATION:

*Phai D Ma*



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Project : PAULSON ✓  
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## CERTIFICATE OF ANALYSIS A9226454

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
92MG #2 000-005	205	274	20	0.4	3.01	4	160	0.5	4	1.08	1.0	10	79	38	3.28	10	< 1	0.25	20	0.84	520
92MG #2 005-010	205	274	< 5	0.2	2.40	16	350	< 0.5	4	1.24	< 0.5	16	112	34	4.18	10	< 1	1.17	30	1.32	465
92MG #2 010-015	205	274	< 5	< 0.2	2.42	16	300	< 0.5	4	1.38	< 0.5	17	113	25	4.00	10	< 1	1.05	20	1.35	380
92MG #2 015-020	205	274	10	< 0.2	2.66	60	200	< 0.5	< 2	4.36	0.5	13	83	26	2.62	10	< 1	0.62	20	0.89	335
92MG #2 020-025	205	274	< 5	< 0.2	2.53	102	110	< 0.5	< 2	5.51	4.0	12	81	49	1.24	< 10	< 1	0.41	10	0.50	125
92MG #2 025-030	205	274	< 5	0.2	1.99	4	250	< 0.5	4	4.12	2.5	16	75	32	3.30	10	< 1	0.84	20	1.04	290
92MG #2 030-035	205	274	< 5	0.2	2.81	8	180	< 0.5	< 2	7.73	1.5	12	51	28	2.58	< 10	< 1	0.68	20	0.75	235
92MG #2 035-040	205	274	< 5	0.2	2.87	14	20	0.5	4	13.50	9.5	8	34	43	1.44	< 10	< 1	0.10	10	0.07	95
92MG #2 040-045	205	274	< 5	0.4	2.23	6	60	0.5	< 2	>15.00	4.0	7	36	58	1.81	< 10	< 1	0.10	< 10	0.17	175
92MG #2 045-050	205	274	< 5	< 0.2	1.52	< 2	70	< 0.5	2	>15.00	2.0	2	20	21	1.25	< 10	< 1	0.24	< 10	2.07	180
92MG #2 050-055	205	274	< 5	< 0.2	2.50	< 2	450	< 0.5	4	3.90	< 0.5	19	68	27	3.96	10	< 1	1.22	40	1.50	360
92MG #2 055-060	205	274	< 5	0.2	2.44	6	120	0.5	< 2	6.18	2.0	11	49	31	2.15	< 10	< 1	0.43	10	0.45	165
92MG #2 060-065	205	274	< 5	0.2	2.92	18	10	0.5	4	10.05	5.0	10	65	49	2.34	< 10	2	0.08	10	0.06	120
92MG #2 065-070	205	274	< 5	0.4	3.24	4	10	0.5	2	11.75	6.0	7	36	44	1.61	< 10	< 1	0.07	10	0.04	135
92MG #2 070-075	205	274	< 5	0.4	3.17	< 2	10	0.5	< 2	13.15	7.5	7	44	41	1.43	< 10	< 1	0.07	10	0.10	135
92MG #2 075-080	205	274	< 5	0.2	2.72	14	150	0.5	2	8.11	3.0	12	61	40	1.96	< 10	< 1	0.47	20	0.59	220
92MG #2 080-085	205	274	< 5	< 0.2	2.26	4	190	< 0.5	2	3.37	0.5	8	74	29	2.13	10	< 1	0.68	10	0.83	280
92MG #2 085-090	205	274	20	< 0.2	1.91	< 2	300	< 0.5	< 2	1.68	0.5	18	97	38	3.23	10	< 1	1.12	40	1.49	360
92MG #2 090-095	205	274	< 5	< 0.2	2.34	2	340	< 0.5	6	2.82	0.5	18	96	20	2.89	10	< 1	1.16	40	1.27	325
92MG #2 095-100	205	274	< 5	0.2	2.50	4	390	< 0.5	6	5.55	1.5	15	72	33	3.01	10	< 1	1.02	30	1.09	285
92MG #2 100-105	205	274	< 5	0.4	2.88	12	90	0.5	< 2	14.25	5.0	9	36	39	1.97	< 10	< 1	0.30	10	0.29	145
92MG #2 105-110	205	274	< 5	0.2	2.58	4	30	0.5	< 2	13.85	3.0	7	32	34	1.73	< 10	< 1	0.13	< 10	0.16	155
92MG #2 110-115	205	274	< 5	0.2	2.20	4	10	0.5	< 2	>15.00	4.5	26	28	37	1.49	< 10	< 1	0.05	< 10	0.04	125
92MG #2 115-120	205	274	< 5	0.2	2.65	10	60	0.5	< 2	>15.00	2.0	8	47	37	1.43	< 10	< 1	0.21	10	0.32	165
92MG #2 120-125	205	274	< 5	0.4	3.02	6	10	0.5	4	>15.00	4.5	7	26	39	1.51	< 10	< 1	0.13	< 10	0.06	225
92MG #2 125-130	205	274	< 5	< 0.2	3.01	< 2	20	< 0.5	< 2	>15.00	1.5	243	88	31	0.97	< 10	2	0.14	< 10	0.04	420
92MG #2 130-135	205	274	< 5	0.4	1.97	< 2	10	< 0.5	< 2	>15.00	2.0	6	20	24	1.10	< 10	< 1	0.11	< 10	0.09	235
92MG #2 135-140	205	274	< 5	0.2	2.07	< 2	220	< 0.5	2	7.80	2.0	12	60	37	2.74	< 10	< 1	0.77	30	0.88	300
92MG #2 140-145	205	274	< 5	< 0.2	2.30	< 2	420	< 0.5	< 2	1.60	< 0.5	314	153	30	4.17	20	3	1.41	60	1.86	490
92MG #2 145-150	205	274	< 5	0.2	2.02	< 2	320	< 0.5	2	6.11	0.5	14	59	23	2.90	10	< 1	1.01	30	1.16	350
92MG #2 150-155	205	274	< 5	0.2	1.11	4	60	< 0.5	< 2	>15.00	1.5	6	24	14	1.25	< 10	1	0.22	< 10	0.32	260
92MG #2 155-160	205	274	< 5	0.2	0.78	4	10	< 0.5	< 2	>15.00	3.5	1	14	13	0.76	< 10	< 1	0.03	< 10	0.08	240
92MG #2 160-165	205	274	< 5	0.4	0.64	6	30	< 0.5	< 2	>15.00	1.0	2	16	9	0.87	< 10	< 1	0.11	< 10	0.18	310
92MG #2 165-170	205	274	< 5	< 0.2	1.60	< 2	390	< 0.5	4	7.79	1.0	12	72	16	2.60	< 10	< 1	0.88	20	1.08	275
92MG #2 170-175	205	274	< 5	< 0.2	1.15	4	140	< 0.5	2	>15.00	1.0	6	43	11	1.28	< 10	< 1	0.44	< 10	0.58	330
92MG #2 175-180	205	274	< 5	0.2	0.41	< 2	10	< 0.5	< 2	>15.00	1.5	1	12	7	0.53	< 10	< 1	0.02	< 10	0.15	335
92MG #2 180-185	205	274	< 5	0.2	0.65	14	< 10	< 0.5	4	>15.00	3.0	2	15	11	0.72	< 10	< 1	0.01	< 10	0.14	290
92MG #2 185-190	205	274	< 5	0.2	0.63	8	10	< 0.5	4	>15.00	1.0	1	16	8	0.74	< 10	< 1	0.02	< 10	0.22	325
92MG #2 190-195	205	274	< 5	0.2	0.69	24	70	< 0.5	4	>15.00	1.5	2	20	10	0.85	< 10	< 1	0.13	< 10	0.35	345
92MG #2 195-200	205	274	< 5	0.4	1.67	22	10	< 0.5	< 2	>15.00	9.5	3	24	50	1.13	< 10	< 1	0.04	< 10	0.12	170

CERTIFICATION: *Jhai J Ma*



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Project : PAULSON  
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## CERTIFICATE OF ANALYSIS A9226454

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
92MG #2 000-005	205	274	1	0.11	22	1480	52	2	6	91	0.22	< 10	< 10	114	< 10	258
92MG #2 005-010	205	274	2	0.21	8	910	20	< 2	7	130	0.25	< 10	< 10	130	< 10	108
92MG #2 010-015	205	274	1	0.23	8	1300	26	< 2	6	143	0.31	< 10	< 10	124	10	88
92MG #2 015-020	205	274	4	0.25	20	1220	12	2	3	249	0.22	< 10	< 10	87	10	70
92MG #2 020-025	205	274	6	0.34	36	1060	28	4	2	346	0.19	< 10	< 10	54	10	90
92MG #2 025-030	205	274	2	0.17	16	910	14	< 2	4	286	0.21	< 10	< 10	101	10	122
92MG #2 030-035	205	274	4	0.40	24	1050	24	< 2	2	875	0.21	< 10	< 10	83	10	102
92MG #2 035-040	205	274	6	0.39	43	790	< 2	< 2	1	1050	0.16	< 10	< 10	46	10	194
92MG #2 040-045	205	274	1	0.18	31	820	34	< 2	2	1240	0.14	< 10	< 10	51	20	94
92MG #2 045-050	205	274	1	0.14	17	640	< 2	< 2	1	1090	0.08	< 10	< 10	23	20	56
92MG #2 050-055	205	274	1	0.17	12	930	2	< 2	4	326	0.18	< 10	< 10	116	10	94
92MG #2 055-060	205	274	3	0.35	26	1150	4	2	2	362	0.16	< 10	< 10	56	10	78
92MG #2 060-065	205	274	6	0.31	50	990	2	< 2	1	391	0.17	< 10	< 10	43	10	106
92MG #2 065-070	205	274	4	0.42	44	960	6	< 2	1	552	0.13	< 10	< 10	33	10	104
92MG #2 070-075	205	274	5	0.31	43	920	4	< 2	1	583	0.15	< 10	< 10	50	10	132
92MG #2 075-080	205	274	3	0.28	31	1320	8	< 2	2	408	0.18	< 10	< 10	68	10	98
92MG #2 080-085	205	274	1	0.26	9	1110	4	2	4	253	0.19	< 10	< 10	67	< 10	56
92MG #2 085-090	205	274	1	0.15	22	910	4	2	4	126	0.16	< 10	< 10	98	< 10	76
92MG #2 090-095	205	274	3	0.25	19	880	6	4	4	255	0.17	< 10	< 10	101	20	96
92MG #2 095-100	205	274	2	0.28	18	1010	6	2	3	456	0.18	< 10	< 10	92	10	88
92MG #2 100-105	205	274	2	0.35	33	1110	2	< 2	1	1220	0.18	< 10	< 10	52	10	82
92MG #2 105-110	205	274	2	0.34	25	810	4	< 2	1	1200	0.15	< 10	< 10	41	10	50
92MG #2 110-115	205	274	2	0.27	29	870	6	4	1	1315	0.13	< 10	< 10	36	200	64
92MG #2 115-120	205	274	2	0.33	38	980	8	< 2	1	1370	0.14	< 10	< 10	42	10	54
92MG #2 120-125	205	274	2	0.38	29	800	8	< 2	1	964	0.11	< 10	< 10	40	10	72
92MG #2 125-130	205	274	< 1	0.31	16	610	< 2	6	1	336	0.10	< 10	< 10	24	1030	46
92MG #2 130-135	205	274	3	0.29	17	770	6	< 2	1	896	0.08	< 10	< 10	23	50	52
92MG #2 135-140	205	274	2	0.31	21	1150	4	< 2	3	474	0.17	< 10	< 10	76	10	74
92MG #2 140-145	205	274	< 1	0.13	23	1400	< 2	6	4	150	0.16	< 10	< 10	113	2190	104
92MG #2 145-150	205	274	1	0.20	14	1020	2	< 2	3	293	0.14	< 10	< 10	82	20	74
92MG #2 150-155	205	274	5	0.08	11	830	2	< 2	1	482	0.09	< 10	< 10	31	50	68
92MG #2 155-160	205	274	4	0.04	10	430	< 2	2	< 1	473	0.02	< 10	< 10	16	20	106
92MG #2 160-165	205	274	2	0.08	6	520	14	2	1	471	0.04	< 10	< 10	17	20	48
92MG #2 165-170	205	274	1	0.16	9	810	2	2	2	237	0.14	< 10	< 10	74	20	66
92MG #2 170-175	205	274	2	0.12	8	680	6	< 2	1	390	0.10	< 10	< 10	35	20	52
92MG #2 175-180	205	274	3	0.03	4	260	< 2	2	< 1	432	0.01	< 10	< 10	12	20	48
92MG #2 180-185	205	274	4	0.03	8	370	2	86	1	488	0.02	< 10	< 10	20	20	90
92MG #2 185-190	205	274	3	0.04	6	340	4	4	1	478	0.02	< 10	< 10	18	20	38
92MG #2 190-195	205	274	4	0.06	5	660	< 2	6	1	595	0.04	< 10	< 10	25	20	50
92MG #2 195-200	205	274	6	0.18	22	650	< 2	4	1	794	0.07	< 10	< 10	33	20	300

CERTIFICATION: *Yhai D Ma*



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SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
92MG #3 000-005	205	274	< 5	0.2	3.33	62	40	< 0.5	< 2	7.81	7.5	8	53	47	1.62	< 10	< 1	0.10	< 10	0.65	125
92MG #3 005-010	205	274	< 5	0.2	3.00	110	40	0.5	2	10.20	6.5	7	46	41	1.21	< 10	< 1	0.11	< 10	0.56	175
92MG #3 010-015	205	274	< 5	< 0.2	2.96	12	90	< 0.5	< 2	3.86	1.5	13	32	31	3.79	10	< 1	0.31	20	1.37	650
92MG #3 015-020	205	274	< 5	< 0.2	2.18	8	60	< 0.5	< 2	8.50	2.0	11	51	23	2.90	< 10	< 1	0.24	10	1.20	520
92MG #3 020-025	205	274	< 5	< 0.2	2.36	6	30	< 0.5	6	7.66	3.0	4	58	33	1.43	< 10	< 1	0.07	< 10	0.81	260
92MG #3 025-030	205	274	< 5	< 0.2	2.10	< 2	20	< 0.5	2	9.01	2.0	8	84	20	2.57	< 10	< 1	0.06	10	1.42	425
92MG #3 030-035	205	274	< 5	< 0.2	1.36	< 2	10	< 0.5	2	>15.00	1.0	5	38	15	1.61	< 10	< 1	0.04	10	0.96	255
92MG #3 035-040	205	274	< 5	< 0.2	1.55	4	110	< 0.5	< 2	7.17	1.0	11	136	27	1.96	< 10	< 1	0.29	20	1.35	375
92MG #3 040-045	205	274	< 5	< 0.2	1.44	< 2	240	< 0.5	1	2.04	0.5	18	154	49	2.85	10	< 1	0.66	30	1.64	340
92MG #3 045-050	205	274	< 5	< 0.2	1.34	< 2	220	< 0.5	< 2	2.16	1.0	19	118	48	2.82	10	< 1	0.57	30	1.36	370
92MG #3 050-055	205	274	< 5	1.4	1.25	< 2	30	< 0.5	2	>15.00	8.0	3	30	19	0.73	< 10	< 1	0.08	< 10	1.06	420
92MG #3 055-060	205	274	< 5	0.6	1.14	< 2	190	< 0.5	< 2	2.10	6.5	15	115	44	2.35	< 10	< 1	0.48	20	1.34	375
92MG #3 060-065	205	274	< 5	< 0.2	1.99	< 2	30	< 0.5	2	>15.00	2.0	3	28	18	0.76	< 10	< 1	0.08	< 10	0.94	200
92MG #3 065-070	205	274	< 5	0.2	2.47	< 2	10	< 0.5	2	>15.00	2.0	4	18	21	0.69	< 10	< 1	0.07	< 10	0.14	105
92MG #3 070-075	205	274	< 5	0.2	1.75	< 2	10	1.5	< 2	7.26	1.5	2	21	14	1.17	< 10	< 1	0.28	30	0.23	280
92MG #3 075-080	205	274	< 5	< 0.2	1.49	2	10	2.5	2	0.97	< 0.5	1	14	4	1.45	10	< 1	0.39	60	0.21	430
92MG #3 080-085	205	274	< 5	< 0.2	1.16	< 2	10	2.0	4	1.12	< 0.5	1	33	6	1.48	10	< 1	0.29	60	0.23	410
92MG #3 085-090	205	274	< 5	0.2	0.73	4	10	< 0.5	2	1.19	< 0.5	3	37	7	1.57	10	< 1	0.09	50	0.36	375
92MG #3 090-095	205	274	< 5	0.2	2.01	8	90	0.5	2	9.88	1.5	10	141	31	2.04	< 10	< 1	0.44	20	1.23	390
92MG #3 095-100	205	274	< 5	0.2	1.75	56	40	< 0.5	< 2	14.30	0.5	6	55	20	0.87	< 10	< 1	0.18	10	0.40	155
92MG #3 100-105	205	274	< 5	< 0.2	0.91	2	< 10	< 0.5	< 2	>15.00	0.5	2	24	13	0.54	< 10	< 1	0.03	< 10	0.17	120
92MG #3 105-110	205	274	< 5	< 0.2	1.24	8	< 10	< 0.5	< 2	>15.00	1.0	3	20	17	0.88	< 10	< 1	0.03	< 10	0.10	100
92MG #3 110-115	205	274	< 5	0.2	1.70	< 2	10	< 0.5	4	>15.00	1.0	2	29	18	0.70	< 10	< 1	0.09	< 10	0.08	105
92MG #3 115-120	205	274	< 5	< 0.2	1.56	8	10	< 0.5	4	>15.00	0.5	2	19	17	0.58	< 10	< 1	0.04	< 10	0.04	105
92MG #3 120-125	205	274	< 5	0.2	1.62	< 2	< 10	< 0.5	2	>15.00	1.0	2	14	23	0.62	< 10	< 1	0.04	< 10	0.07	125
92MG #3 125-130	205	274	< 5	0.2	1.70	14	10	< 0.5	< 2	13.20	0.5	4	20	19	1.03	< 10	< 1	0.07	10	0.22	175
92MG #3 130-135	205	274	< 5	0.2	0.86	< 2	20	< 0.5	< 2	1.94	< 0.5	2	32	6	1.40	10	< 1	0.08	50	0.36	245
92MG #3 135-140	205	274	< 5	< 0.2	1.59	< 2	40	< 0.5	2	2.38	0.5	8	33	6	2.62	10	< 1	0.12	30	0.86	490
92MG #3 140-145	205	274	< 5	< 0.2	3.21	76	10	< 0.5	< 2	12.65	1.5	3	24	21	0.55	< 10	< 1	0.11	< 10	0.11	140
92MG #3 145-150	205	274	< 5	< 0.2	1.51	8	70	< 0.5	4	2.00	< 0.5	11	36	14	3.21	10	< 1	0.29	30	0.90	410
92MG #3 150-155	205	274	< 5	0.4	3.37	34	20	< 0.5	2	13.90	4.5	4	25	34	0.82	< 10	< 1	0.06	< 10	0.17	125
92MG #3 155-160	205	274	< 5	0.2	2.54	6	< 10	< 0.5	4	14.80	2.0	4	25	27	0.88	< 10	< 1	0.03	< 10	0.18	115
92MG #3 160-165	205	274	< 5	< 0.2	0.76	< 2	10	< 0.5	< 2	12.30	< 0.5	1	30	9	0.99	< 10	< 1	0.06	20	0.41	350
92MG #3 165-170	205	274	< 5	< 0.2	0.88	< 2	60	< 0.5	< 2	1.59	< 0.5	3	43	7	1.70	10	< 1	0.17	30	0.40	250
92MG #3 170-175	205	274	< 5	< 0.2	2.56	< 2	160	< 0.5	2	4.38	0.5	10	15	14	3.02	< 10	< 1	0.60	10	0.84	320
92MG #3 175-180	205	274	< 5	0.2	3.47	4	30	< 0.5	2	14.90	0.5	5	29	14	1.41	< 10	< 1	0.21	< 10	0.50	245
92MG #3 180-185	205	274	< 5	0.2	3.43	74	10	< 0.5	< 2	>15.00	< 0.5	3	15	14	0.66	< 10	< 1	0.06	< 10	0.10	150
92MG #3 185-190	205	274	< 5	< 0.2	3.07	16	40	< 0.5	2	9.76	0.5	8	31	26	1.46	< 10	< 1	0.17	10	0.36	145
92MG #3 190-195	205	274	< 5	< 0.2	1.13	2	< 10	< 0.5	< 2	>15.00	< 0.5	1	19	10	0.56	< 10	< 1	0.02	< 10	0.19	115
92MG #3 195-200	205	274	< 5	< 0.2	1.99	10	< 10	< 0.5	2	>15.00	< 0.5	3	21	17	0.71	< 10	< 1	0.03	< 10	0.12	105

CERTIFICATION: *Jhai J Ma*









# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: CROWN RESOURCE CORPORATION  
 SEVENTEENTH STREET PLAZA  
 1225 17TH ST., STE. 1500  
 DENVER, COLORADO  
 80202

Page Number :2-B  
 Total Pages :2  
 Certificate Date: 22-DEC-92  
 Invoice No. : I9226455  
 P.O. Number :  
 Account : JXX

Project : PAULSON  
 Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

## CERTIFICATE OF ANALYSIS A9226455

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
92MG #3 200-205	205 274	3	0.13	23	590	8	4	1	1090	0.08	< 10	< 10	28	< 10	34
92MG #3 205-210	205 274	2	0.28	31	1520	14	2	1	717	0.16	< 10	< 10	48	< 10	58
92MG #3 210-215	205 274	2	0.35	29	800	12	4	1	1215	0.12	< 10	< 10	30	< 10	38
92MG #3 215-220	205 274	3	0.23	22	570	4	4	< 1	1410	0.07	< 10	< 10	17	< 10	24
92MG #3 220-225	205 274	2	0.18	23	650	8	2	< 1	1355	0.07	< 10	< 10	20	< 10	40
92MG #3 225-230	205 274	4	0.28	29	730	12	2	1	1215	0.10	< 10	< 10	26	< 10	74
92MG #3 230-235	205 274	2	0.17	21	630	6	< 2	1	1125	0.09	< 10	< 10	32	< 10	34
92MG #3 235-240	205 274	2	0.15	21	1390	14	4	3	735	0.14	< 10	< 10	56	< 10	76
92MG #3 240-245	205 274	2	0.19	18	1590	16	< 2	4	585	0.18	< 10	< 10	69	< 10	72
92MG #3 245-250	205 274	2	0.21	19	710	8	2	1	1470	0.08	< 10	< 10	37	< 10	38
92MG #3 250-255	205 274	3	0.21	24	730	4	< 2	2	1395	0.10	< 10	< 10	40	< 10	52
92MG #3 255-260	205 274	3	0.24	22	670	2	< 2	2	1300	0.10	< 10	< 10	35	< 10	60
92MG #3 260-265	205 274	2	0.18	16	740	< 2	2	3	1150	0.10	< 10	< 10	52	< 10	60
92MG #3 265-270	205 274	3	0.23	27	740	< 2	2	2	1345	0.11	< 10	< 10	47	< 10	116
92MG #3 270-275	205 274	1	0.25	20	760	< 2	2	3	1510	0.10	< 10	< 10	52	< 10	54
92MG #3 275-280	205 274	2	0.23	17	760	< 2	2	3	1425	0.08	< 10	< 10	60	< 10	58
92MG #3 280-285	205 274	3	0.23	22	760	6	< 2	3	1490	0.08	< 10	< 10	57	< 10	102
92MG #3 285-290	205 274	1	0.22	17	740	2	< 2	3	1515	0.09	< 10	< 10	54	< 10	56
92MG #3 290-295	205 274	3	0.16	18	530	2	< 2	3	1855	0.07	< 10	< 10	54	< 10	42
92MG #3 295-300	205 274	1	0.25	20	790	10	2	6	1415	0.10	< 10	< 10	77	< 10	66
92MG #3 300-305	205 274	2	0.24	26	820	8	< 2	4	1600	0.11	< 10	< 10	75	< 10	66
92MG #3 305-310	205 274	3	0.33	33	860	12	2	4	1135	0.14	< 10	< 10	76	< 10	116
92MG #3 310-315	205 274	3	0.38	32	990	10	< 2	3	809	0.14	< 10	< 10	67	< 10	84
92MG #3 315-320	205 274	6	0.30	40	960	< 2	< 2	3	745	0.12	< 10	< 10	69	< 10	108
92MG #3 320-325	205 274	3	0.23	28	740	< 2	4	5	682	0.07	< 10	< 10	77	< 10	82
92MG #3 325-330	205 274	2	0.13	36	920	< 2	< 2	6	648	0.09	< 10	< 10	99	< 10	86
92MG #3 330-335	205 274	6	0.19	43	850	8	2	6	689	0.12	< 10	< 10	111	< 10	162
92MG #3 335-340	205 274	4	0.24	28	1580	2	2	6	433	0.17	< 10	< 10	98	< 10	104

CERTIFICATION:

*Yhai D Ma*

CHEMEX LABS W.O. # : A9224012  
 client : CROWN RESOURCE CORPORATION

# of samples : 20  
 received date : 02-NOV-92  
 project : PAULSON

comments : ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Sample	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca			
Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W
Zn											
description	FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
ppm	ppm	ppm									
92MG1U01R	20	0.6	3.63	14	30	<0.5	<2	5.73			
<0.5	20	40	323	2.76	<10	<1	0.08	<10	0.31	200	
1	0.46	16	1310	8	<2	2	180	0.18	<10	<10	81
10	20										
92MG1U02R	<5	0.8	2.36	2	30	<0.5	<2	4.27			
<0.5	15	30	479	1.94	<10	<1	0.06	<10	0.13	115	
2	0.21	10	710	4	2	3	112	0.19	<10	<10	61
<10	28										
92MG1U03R	<5	0.8	3.82	28	20	<0.5	<2	4.46			
<0.5	23	29	386	2.44	<10	<1	0.03	<10	0.13	65	
<1	0.49	13	1560	2	<2	1	194	0.12	<10	<10	62
10	18										
92MG1U04R	<5	0.6	4.05	10	30	<0.5	<2	13.20			
<0.5	10	37	163	1.33	<10	<1	0.07	<10	0.36	255	
<1	0.39	9	1120	4	4	5	235	0.24	<10	<10	104
10	14										
92MG1U05R	<5	1.6	4.41	10	20	<0.5	<2	3.22			
<0.5	50	38	712	5.74	<10	3	0.04	<10	0.37	80	
<1	0.33	19	950	2	4	3	125	0.22	<10	<10	65
40	28										
92MG1U06R	<5	1.2	4.03	2	90	<0.5	4	5.10			
<0.5	35	53	600	5.95	<10	<1	0.43	<10	1.08	205	
<1	0.31	35	1060	4	2	13	204	0.32	<10	<10	215
40	50										
92MG1U07R	<5	0.8	1.18	14	130	<0.5	<2	1.82			
<0.5	27	48	442	3.12	<10	<1	0.24	<10	0.27	125	
<1	0.05	18	1150	2	4	4	39	0.27	<10	<10	89
<10	26										
92MG1U08R	<5	<0.2	4.93	4	200	<0.5	2	0.86			
<0.5	26	97	82	7.23	30	<1	2.81	<10	2.42	355	
<1	0.19	31	270	8	4	38	49	0.54	<10	<10	280
20	78										
92MG1U09R	25	0.6	3.29	8	10	<0.5	<2	12.90			
<0.5	7	16	136	0.82	<10	<1	0.04	<10	0.07	220	
<1	0.33	8	870	<2	<2	1	192	0.16	<10	<10	37
10	14										
92MG1U10R	<5	0.4	0.65	<2	10	0.5	<2	0.52			
<0.5	3	32	17	1.94	<10	1	0.17	40	0.33	475	
2	0.08	2	430	24	2	1	25	0.11	<10	<10	31
<10	68										
92MG1U11R	<5	0.2	0.72	<2	20	<0.5	<2	3.32			
<0.5	2	56	8	1.27	<10	1	0.08	30	0.29	255	
2	0.05	2	380	6	2	1	88	0.07	<10	<10	13
<10	28										
92MG1U12R	<5	0.4	0.88	6	30	<0.5	<2	0.51			



CHEMEX LABS W.O. # : A9224188  
 client : CROWN RESOURCE CORPORATION  
 # of samples : 22  
 received date : 05-NOV-92  
 project : PAULSON  
 comments : ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Sample	Au ppb	Au FA	Ag	Al	As	Ba	Be	Bi	Mn				
Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	U	V
Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U			
W	Zn												
description	FA+AA	oz/T	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm
ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
92MGMC1R			25		0.2	1.99	4	130	<0.5		4		
0.64	<0.5	13	35	352	6.47	<10	<1	1.13	<10		1.33		
390	1	0.12	8	990	2	4	11	38	0.35		<10		
<10	138	<10	44										
92MGMC2R			50		0.4	2.40	2	160	<0.5		4		
0.79	<0.5	12	66	215	6.00	<10	<1	0.82	<10		1.57		
480	<1	0.15	10	1030	<2	4	10	51	0.36		<10		
<10	142	10	58										
92MGMC3R			290		0.8	2.05	<2	180	<0.5		6		
0.66	<0.5	8	78	281	5.46	<10	<1	1.14	<10		1.19		
350	<1	0.15	9	1000	<2	4	9	60	0.36		<10		
<10	139	<10	42										
92MGTT4R			3780		1.6	2.93	<2	140	<0.5		30		
0.69	<0.5	7	85	316	10.20	<10	<1	1.23	<10		1.34		
325	<1	0.11	3	690	<2	4	24	45	0.36		<10		
<10	136	20	44										
92MGTT5R			900		0.6	2.95	<2	240	<0.5		8		
1.38	<0.5	8	58	210	5.83	<10	<1	0.84	<10		1.05		
235	<1	0.18	8	900	<2	6	17	69	0.31		<10		
<10	130	10	34										
92MGTT6R			>10000	2.182	3.4	2.74	<2	120	<0.5		338		
0.87	<0.5	3	81	386	5.20	<10	<1	0.76	<10		1.08		
205	<1	0.12	7	480	<2	4	15	51	0.27		<10		
<10	127	<10	28										
92MGBM07R			450		0.2	1.18	<2	80	<0.5		4		
1.02	<0.5	3	47	13	2.19	10	<1	0.15	60		0.58		
300	1	0.09	4	1060	14	2	2	78	0.13		<10		
<10	31	<10	46										
92MGBM08R			270		0.4	0.14	<2	<10	<0.5		<2		
>15.00	0.5	1	11	5	0.34	<10	<1	0.01	<10		0.09		
595	2	0.01	2	140	<2	2	<1	278	<0.01		<10		
10	9	10	38										
92MGBM09R			100		0.2	0.71	<2	<10	<0.5		<2		
>15.00	<0.5	2	15	8	0.49	<10	<1	0.03	<10		0.14		
700	3	0.02	4	340	2	2	2	208	0.02		<10		
10	22	10	22										
92MGBM10R			100		<0.2	2.43	6	<10	<0.5		<2		
>15.00	<0.5	10	26	18	1.26	<10	1	0.12	<10		0.26		
690	13	0.14	10	550	4	2	4	241	0.07		<10		
<10	49	20	14										
92MGBM11R			80		0.2	0.40	6	<10	<0.5		<2		
>15.00	0.5	2	13	8	1.37	<10	<1	0.02	<10		0.10		
590	1	0.02	3	290	2	2	1	221	0.01		<10		
<10	14	20	68										
92MGBM12R			45		0.2	0.97	2	<10	<0.5		<2		

>15.00	10.0	2	17	10	1.01	<10	<1	0.01	<10	0.00
420	7	0.04	21	490	4	<2	<1	328	0.04	<10
<10	36	10	214							
92MGBM13R			50		0.2	2.24	6	<10	<0.5	<2
>15.00	10.5	3	25	32	1.64	<10	1	0.01	<10	0.04
315	13	0.05	35	570	8	4	1	265	0.08	<10
<10	61	10	290							
92MGBM14R			5		<0.2	0.55	<2	<10	<0.5	<2
>15.00	3.0	1	9	9	0.48	<10	<1	0.01	<10	0.07
365	4	0.01	10	260	2	2	<1	215	0.01	<10
<10	22	10	88							
92MGBM15R			130		0.2	1.29	2	10	<0.5	<2
>15.00	6.0	7	26	53	1.78	<10	<1	0.10	<10	0.20
260	30	0.06	23	530	8	2	2	221	0.07	<10
<10	51	10	188							
92MGBM16R			<5		<0.2	2.39	<2	70	<0.5	6
1.87	<0.5	16	69	104	3.36	<10	<1	0.63	<10	1.11
180	3	0.26	18	800	<2	6	10	94	0.37	<10
<10	180	10	36							
92MGBM17R			20		0.2	2.56	<2	120	<0.5	8
1.99	<0.5	24	63	132	4.11	<10	<1	0.72	<10	1.25
210	1	0.27	22	1230	<2	4	15	90	0.33	<10
<10	220	10	38							
92MGMGM100R			65		0.2	6.75	<2	150	<0.5	4
3.68	<0.5	15	76	147	5.09	<10	1	1.62	<10	1.66
300	<1	0.60	20	1130	6	6	15	139	0.42	<10
<10	211	20	50							
92MGMGM101R			295		<0.2	6.88	8	210	<0.5	12
3.12	<0.5	18	81	91	5.71	<10	<1	2.04	<10	1.79
310	<1	0.44	23	440	4	<2	20	142	0.43	<10
<10	238	20	54							
92MGMGM102R			9720		0.8	1.86	<2	80	<0.5	128
1.22	<0.5	21	71	547	6.84	<10	<1	0.49	<10	0.89
305	<1	0.10	8	230	<2	4	17	51	0.17	<10
<10	125	10	42							
92MGMGM103R			85		<0.2	4.55	<2	170	<0.5	<2
3.44	<0.5	12	70	32	5.13	<10	<1	1.26	<10	2.45
540	1	0.07	24	590	<2	<2	21	163	0.30	<10
<10	121	20	60							
92MGMGM104R			35		0.2	6.44	<2	30	<0.5	4
7.56	<0.5	23	77	146	4.99	<10	2	0.35	<10	0.54
220	1	0.40	24	560	6	6	8	310	0.19	<10
<10	95	20	12							

CHEMEX LABS W.O. # : A9224336

client : CROWN RESOURCE CORPORATION

# of samples : 23

received date : 05-NOV-92

project : PAULSON

comments : ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Sample	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Mo		
Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	W
Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	
Zn											
description	FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
92MGBM18R	10	<0.2	3.91	<2	70	<0.5	2	7.06			
<0.5	12	38	80	2.85	<10	<1	0.62	<10	1.19	385	
<1	0.41	12	1160	12	6	8	189	0.25	<10	<10	127
20	42										
92MGBM19R	15	5.8	2.14	2	<10	<0.5	14	8.28			
17.0	28	44	42	3.20	<10	<1	0.01	<10	1.32	1625	
<1	<0.01	14	1020	1210	<2	10	140	0.13	<10	<10	85
30	1700										
92MGBM20R	<5	<0.2	1.74	<2	30	<0.5	<2	0.93			
<0.5	1	17	8	2.01	10	<1	0.06	30	0.36	295	
2	0.07	1	450	24	<2	4	185	0.04	<10	<10	29
<10	40										
92MGBM21R	<5	0.2	0.99	<2	30	<0.5	2	0.49			
<0.5	3	39	6	1.44	10	<1	0.06	40	0.34	205	
<1	0.04	3	430	14	<2	1	74	<0.01	<10	<10	15
<10	30										
92MGBM22R	<5	0.2	1.18	<2	50	<0.5	<2	1.05			
<0.5	2	60	4	1.32	10	<1	0.13	40	0.37	225	
1	0.08	3	410	8	<2	2	47	0.01	<10	<10	14
<10	26										
92MGBM23R	10	<0.2	1.36	<2	30	<0.5	<2	0.86			
<0.5	2	34	5	1.54	10	<1	0.08	40	0.32	245	
2	0.06	3	420	8	2	2	204	0.01	<10	<10	16
<10	28										
92MGBM24R	15	0.2	1.09	<2	60	<0.5	2	0.79			
<0.5	3	62	6	1.50	10	<1	0.14	50	0.35	235	
2	0.10	4	440	12	<2	2	81	0.06	<10	<10	19
<10	32										
92MGBM25R	50	0.4	0.96	<2	20	<0.5	2	0.78			
<0.5	2	38	30	1.58	10	<1	0.07	40	0.39	220	
3	0.04	4	560	18	2	2	111	0.08	<10	<10	21
<10	36										
92MGBM26R	100	<0.2	1.84	<2	130	<0.5	6	2.70			
<0.5	17	30	93	4.03	10	1	0.29	70	1.09	540	
1	0.12	7	2120	2	2	5	133	0.12	<10	<10	104
20	58										
92MGBM27R	135	0.2	0.84	4	10	<0.5	2	14.30			
<0.5	2	24	27	1.32	<10	<1	0.04	10	0.31	440	
8	0.02	7	690	24	2	2	185	0.06	<10	<10	36
10	50										
92MGBM28R	135	0.2	3.49	8	50	<0.5	18	1.79			
<0.5	59	105	721	13.25	<10	<1	1.25	<10	1.07	275	
<1	0.30	39	660	10	6	21	77	0.34	<10	<10	154
30	54										
92MGBM29R	60	<0.2	4.93	<2	210	<0.5	6	3.20			





APPENDIX E  
FIELD DRILL LOGS

# CROWN RESOURCE

LOCATION: Burnt Basin

DRILL HOLE 92 MG #1

Coords. \_\_\_\_\_ LITHOLOGY

ALTERATION (1-5)

Total Depth \_\_\_\_\_

N. \_\_\_\_\_  CLASTIC

CLAY

Collar Elev. \_\_\_\_\_

E. \_\_\_\_\_  LIMESTONE

SKARN

Angle -60

Date: \_\_\_\_\_  DIORITE

OXIDATION

Bearing W 1/4 T

Collared \_\_\_\_\_  GRANODIORITE

BLEACHING

Logged by REIL

Completed \_\_\_\_\_

Page 1 of 3

DEPTH	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Calc	% Oliv	% Chn	% Gnt	% Ept	COMMENTS	PPb Au	Pb Zn	Other
05	X																
10	X																
15	4K		dark granitic brown	Tr	Tr				Tr <sup>+</sup>			Tr	Tr	Brittle Silicate Skarn	45		Tr
20				1.0°	↓				70.0°					Black bedded fine.			Tr
25	Sk		orange brown	Tr <sup>++</sup>					3.0°					Brittle silicate Skarn			Tr
30				Tr					1.0°				Tr				0.5°
35			light gray	Tr <sup>+</sup>					20.0°					weakly skarned dk gray limestone			0.5°
40				↓					35.0°			Tr	Tr				Tr
45				↓					80.0°								Tr
50	Sk		dark orange	Tr					Tr	Tr	15°	3°		Skarn bed sulfide bearing Calc silicate Skarn	115		3.0°
55	Sk		orange brown	1.0°	3.0°						10°	Tr <sup>+</sup>		Strong oxidation	50		Tr
60	Sk			1.0°	5.0°		Tr				5°	Tr <sup>+</sup>			875		Tr
65	Sk			5.0°	2.0°						Tr				190		Tr
70			dark brown	2.0°	Tr				70.0°				Tr	black limestone	40		Tr
75	Sk		grayish white	4.0°	0.5°				75.0°					coarse white pyritic marble	35		Tr
80	Sk		light brown grayish	2.0°	Tr		Tr		20.0°		5°			30% SAs 70% Brittle Silicate Skarn	30		Tr
85	Sk		white	Tr							40°	Tr <sup>+</sup>		silicate skarn	20		5.0°
90			dark brown	2.0°	Tr						35°	Tr <sup>+</sup>			10		Tr
95				2.0°	↓						15°	Tr <sup>+</sup>			5		Tr
00				4.0°	Tr <sup>+</sup>		Tr				5°	Tr <sup>+</sup>			20		Tr

# CROWN RESOURCE

LOCATION: \_\_\_\_\_

 DRILL HOLE 92 MG #1

Coords. \_\_\_\_\_ LITHOLOGY

ALTERATION (1-5)

Total Depth \_\_\_\_\_

 N. \_\_\_\_\_  CLASTIC

 CLAY

Collar Elev. \_\_\_\_\_

 E. \_\_\_\_\_  LIMESTONE

 SKARN

Angle \_\_\_\_\_

 Date: \_\_\_\_\_  DIORITE

 OXIDATION

Bearing \_\_\_\_\_

 Collared \_\_\_\_\_  GRANODIORITE

 BLEACHING

Logged by \_\_\_\_\_

 Completed \_\_\_\_\_ 

 Page 2 of 3

LITH	ALT	COLOR	Py	Po	AsPy	Mag	CuPy	Cal	Cite	Quartz	Chips	Gnt	Ept	COMMENTS	Au	Pb	Zn	Other	C
105	Sk	blue-green brown	2.°									15°	Tr	biotite Calc silicate skarn	15				3.°
110	Sk	brown pale green tan	3.°						Tr			10°	Tr						3.°
115	Sk		Tr									10°	Tr+						1.°
120	Sk		↓									10°	Tr						1.°
125	Sk		↓									15°	Tr						1.°
130	Sk		↓								Tr	2							5.°
135	Sk		Tr+	Tr								Tr							Tr
140	X X X X	orange												biotite hornblende		X X	X X		10.°
145	X X X X	orange pale gray												feldspar porphyry		X X	X X		10.°
150	X X X X													iron oxide alteration		X X	X X		10.°
155	X X X X	orange												fresh color is light gray mottled white		X X	X X		10.°
160	X X X X	pale gray														X X	X X		10.°
165	X X X X	orange														X X	X X		10.°
170	X X X X															X X	X X		10.°
175	X X X X															X X	X X		5.°
180	X X X X	dark brown	Tr+									1.°	Tr+			X X	X X	Tr	10.°
185	X X X X	waxy skarn	Tr+											contact biotite hornfels		X X	X X	Tr+	20.°
190	X X X X		5.°	Tr+			Tr							minor calc silicate skarn		X X	X X		Tr+
195	X X X X		3.°	Tr												X X	X X		Tr+
200	X X X X		1.°	↓					Tr	Tr			10.°	Tr		X X	X X		3.°



# CROWN RESOURCE

LOCATION: \_\_\_\_\_

DRILL HOLE 92 MG #2

Coords. \_\_\_\_\_

LITHOLOGY

ALTERATION (1-5)

Total Depth 285

N. \_\_\_\_\_



CLASTIC



CLAY

E. \_\_\_\_\_



LIMESTONE



SKARN

Date: \_\_\_\_\_



DIORITE



OXIDATION

Collar Elev. \_\_\_\_\_

Angle -60

Bearing W45

Logged by Ran

Colored \_\_\_\_\_



GRANODIORITE



BLEACHING

Completed \_\_\_\_\_



Page 1 of 3

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Col Cite	% Qtz Chn	% Gnt	% Ept	COMMENTS	Au	Prob. Zrth	Other C
05		ox	orange brown		Tr		Tr						Calcilite to st. w/ lenses of m. l.s.	20		
10		sk	dk brown	2.°	Tr+						10.°		↓ be to schist w/ sk	25		Tr
15				2.°	Tr+						5.°		↓ ↓	↓		Tr
20			pale gray dk brown								1.°		↓ ↓	10		Tr+ Tr+
25									Tr		5.°		↓ ↓	25		Tr+ Tr+
30			dk brown		Tr				5.°		30.°		↓ ↓	↓		Tr+
35			lt gray brown						50.°		30.°		↓ ↓	↓		Tr Tr
40					Tr+				60.°		2.°		↓ ↓	↓		3.°
45		py	+ orange		Tr				75.°	Tr	Tr		↓ ↓	↓		Tr
50									80.°		Tr	Tr+	↓ ↓	↓		Tr
55			dk brown		Tr++				Tr		10.°		↓ ↓ mini brecc	↓		2.°
60		sk	+ olive		Tr				1.°		5.°	Tr	↓ ↓	↓		Tr+ 1.°
65		wk sk	very dk brown		1.°				↓				mini sk brecc schist	↓		
70									10.°				↓ ↓	↓		Tr
75									30.°				↓ ↓ Mantle	↓		
80			lt gray cream		Tr				50.°	Tr	1.°		↓ ↓ L.S.	↓		Tr Tr
85		sk	dk brown						20.°		40.°		↓ ↓ L.S. & garnet sk	↓		Tr+ Tr
90		sk	dk brown	2.°	Tr				Tr+		60.°		↓ ↓	20		2.°
95		sk			Tr++				↓		60.°	Tr+	↓ ↓	25		Tr+ Tr+
100		sk	dk brown lt gray						50.°		10.°		↓ ↓ calc. schist st.	↓		Tr



# CROWN RESOURCE

LOCATION: \_\_\_\_\_ DRILL HOLE PA MG #2  
 Coords. \_\_\_\_\_ LITHOLOGY ALTERATION (1-5) Total Depth 285  
 N. \_\_\_\_\_  CLASTIC  CLAY Collar Elev. \_\_\_\_\_  
 E. \_\_\_\_\_  LIMESTONE  SKARN Angle \_\_\_\_\_  
 Date: \_\_\_\_\_  DIORITE  OXIDATION Bearing \_\_\_\_\_  
 Collared \_\_\_\_\_  GRANODIORITE  BLEACHING Logged by \_\_\_\_\_  
 Completed \_\_\_\_\_  Pyrite / Magnetite / Hematite / Sphalerite / Galena Page 3 of 3

Depth	LITH	ALT	COLOR	% Minerals					Cal Cite	Qtzyn Chips	% Gnt	% Ept	COMMENTS	Au	Prob. 2-ft	Other
				Py	Po	AsPy	Mag	CuPy								
205			light gray						60°			Carbonaceous upper matrix	LS		Tr	
210			dk gray	Tr+					75°		Tr	becomes very skarny			Tr	
215				Tr					60°	Tr	Tr+				Tr	
220			Speckled pale gray						Tr+			Intrusive cut by skarn		X X	7°	
225			orange						Tr			no need of green hornblende		X X	7°	
230									↓					X X	7°	
235									↓					X X	7°	
240									↓					X X	7°	
245									↓					X X	7°	
250			light gray						3°			END SKARN DEVELOPED IN BUTITE lens		X X	10°	
255			dk brown						2°			dk green to black hornblende		X X	10°	
260									Tr+			foliated - g/b		X X	10°	
265				Tr+					Tr		5°	garnet sk			Tr	
270				Tr								INTRUSIVE SIA - 245-260		X X	7°	
275			blue gray						70°			20% SKA 80% LIS/WTSE		X X	3°	
280			light gray olive pink	5°	2°				Tr	60°	5°	Wxly skarn 2.5			10°	
285									Tr		3°	pink mineral other hornblende? manganese?			10°	
90																
95																
00																

Wxly green hornblende  
Keldic cuts 2.5

# CROWN RESOURCE

LOCATION: \_\_\_\_\_

DRILL HOLE 92 MG #3

Coords. \_\_\_\_\_

LITHOLOGY

ALTERATION (1-5)

Total Depth 340

N. \_\_\_\_\_

CLASTIC

CLAY

Collar Elev. \_\_\_\_\_

E. \_\_\_\_\_

LIMESTONE

SKARN

Angle \_\_\_\_\_

Date: \_\_\_\_\_

DIORITE

OXIDATION

Bearing \_\_\_\_\_

Collared \_\_\_\_\_

GRANODIORITE

BLEACHING

Logged by \_\_\_\_\_

Completed \_\_\_\_\_

Page 1 of 4

DEPTH	LITH	ALT	COLOR	% Py							Cal Cite	Olivn Chips	% Gnt	% Ept	COMMENTS	Au	Prob. Zrth	Other
				Py	Po	AsPy	Mag	CuPy										
05			lt gray brown							60					Sed. w/ky, SKARNED L.S. / Marble			15.
10			pale gray							70		Tr	Tr+					5.
15										70		1.0	Tr					3.
20			orange brown							↓		Tr+	Tr					15.
25			gray							↓		5.0	Tr					3. 5.
30										↓		Tr+	Tr					Tr 5.
35										80		Tr	Tr					Tr+ 1.
40										20		1.0	Tr					3. 5.
45										↓		Tr						15.
50										Tr+		Tr			Skarned Intrusive			15.
55										1.0		Tr						15.
60			dk gray lt. gray							5			Tr					2. 7.
65										70		Tr	Tr					1.
70										Tr		Tr						Tr
75										↓			Tr		into white to dk gray or olive red porphyry w/ fine green K' side x't's			Tr+ 10.
80										30								12.
85			green gray							Tr								10.
90			orange brown							↓								10.
95			dk brown							1.0		1.0	Tr		cont. Pyrite chillzone - hard			Tr+ 7.
00			lt. gray K-gray							Tr		Tr+			Sed w/ky SKARNED L.S.M.			Tr+ 2.





# CROWN RESOURCE

LOCATION: \_\_\_\_\_

DRILL HOLE 92 MG #3

Coords. \_\_\_\_\_ LITHOLOGY

ALTERATION (1-5)

Total Depth 340

N. \_\_\_\_\_  CLASTIC

CLAY

Collar Elev. \_\_\_\_\_

E. \_\_\_\_\_  LIMESTONE

SKARN

Angle \_\_\_\_\_

Date: \_\_\_\_\_  DIORITE

OXIDATION

Bearing \_\_\_\_\_

Collared \_\_\_\_\_  GRANODIORITE

BLEACHING

Logged by \_\_\_\_\_

Completed \_\_\_\_\_

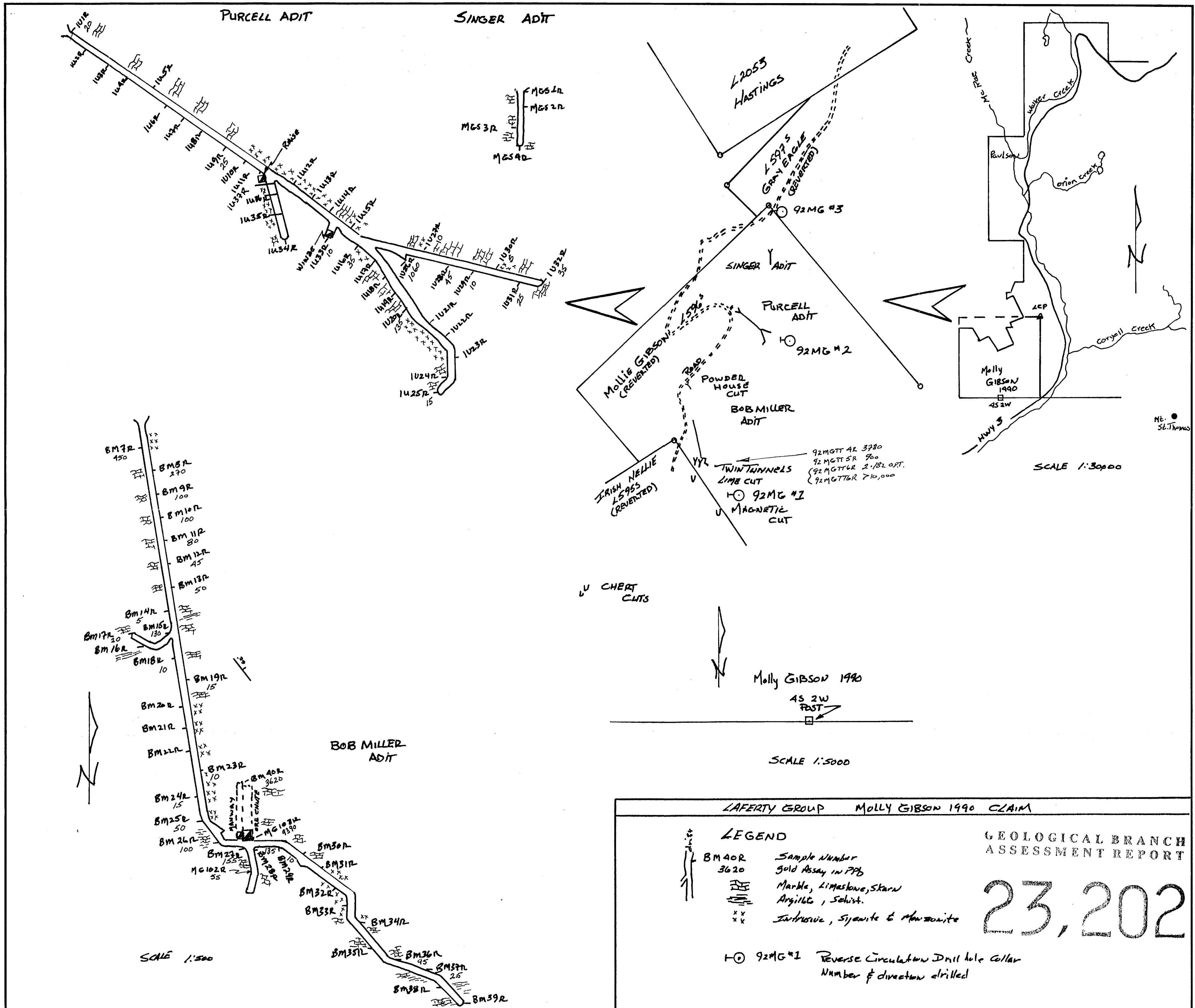
Page 3 of 4

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Col Cite	% Qtzyn Chips	% Gnt	% Ept	COMMENTS	Au	Prob. 2.0th	Other
205			dk gray	0.5	Tr				60				Sed. w/ly skarn			Tr
210				1.0	Tr				5		Tr		Mark + L.S			2.
215				2.0	↓				70							Tr
220				↓	↓				↓							
225				Tr+	↓				↓							
230				1.0					↓							
235				0.5					↓							Tr
240				2.0	Tr				↓		Tr					Tr
245			dk brown	Tr++					40		0.5					Tr+
250				↓					70							
255			+ white orange	2.0					↓							
260				↓	Tr++				↓							Tr
265				0.5	↓				30							Tr
270				2.0	Tr				70							Tr
275				1.0					↓		Tr++	Tr				Tr 2.
280			dk brown	↓	0.5				↓							Tr+
285				↓	Tr				↓		Tr+					Tr+
290				↓	Tr+				↓		Tr+					Tr++
295				5.0	0.5				↓		Tr					Tr++
300				Tr++	Tr				↓		Tr					Tr++

*Pyrite  
Skarn  
Oxidation  
Bleaching*

*Prob. 2.0th  
Other*





REVISIONS	BY

CROWNEX EXPLORATIONS  
LAFERTY GROUP · GREENWOOD · TRAIL CREEK  
MINING DIVISIONS

FIG. 9

Date *Nv/93*

Scale

Drawn *REM*

Job *Faulcon Laferty*

Sheet *1*

Of *1* Sheets