

ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 90.02.17

ASSESSMENT REPORT 18413

MINING DIVISION: Skeena

PROPERTY: Steven  
LOCATION: LAT 53 25 00 LONG 132 21 00  
UTM 08 5921677 676113  
NTS 103F08W

CAMP: 048 Graham Island Gold Belt

CLAIM(S): Steven 1-3  
OPERATOR(S): Newmont Ex. of Can.  
AUTHOR(S): Turner, J.A.  
REPORT YEAR: 1989, 49 Pages

COMMODITIES

SEARCHED FOR: Gold

KEYWORDS: Jurassic, Yakoun Formation, Cretaceous, Honna Formation  
Haida Formation, Argillites, Turbidites, Realgar, Stibnite, Cinnibar

WORK

DONE: Geological, Geochemical  
GEOL 2000.0 ha  
Map(s) - 1; Scale(s) - 1:10 000  
ROCK 33 sample(s) ;ME  
SILT 10 sample(s) ;ME  
SOIL 142 sample(s) ;ME  
Map(s) - 4; Scale(s) - 1:5000

RELATED

REPORTS: 06925, 07762, 09837  
MINFILE: 103F

SUB-RECORDER  
RECEIVED  
FEB 17 1989  
M.R. # \_\_\_\_\_  
VANCOUVER, B.C.

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TITLE:  
FILE NO:

FILMED

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ASSESSMENT REPORT

18,413

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## INTRODUCTION

### Location, Access and Physiography

The STEVEN property is located on Ghost Creek, 26 km NW of Queen Charlotte City on Graham Island. The claims are on NTS map sheet 103F/8 at longitude 132°21'E and latitude 53°25'N.

Access to the property is by private logging roads controlled by MacMillan Bloedel Limited. Use of these roads during working hours can usually be arranged with MacMillan Bloedel management based in Queen Charlotte City. Access in 1988 was provided by 4-wheel drive truck.

The local topography is dominated by rounded hills with relief of 430 metres. Elevations on the property range from 90 metres in the southeast to 520 metres in the northwest. Vegetation consists mainly of spruce and yellow cedar; large portions throughout the property have been and are currently being logged.

### Property Definition and Claim Status

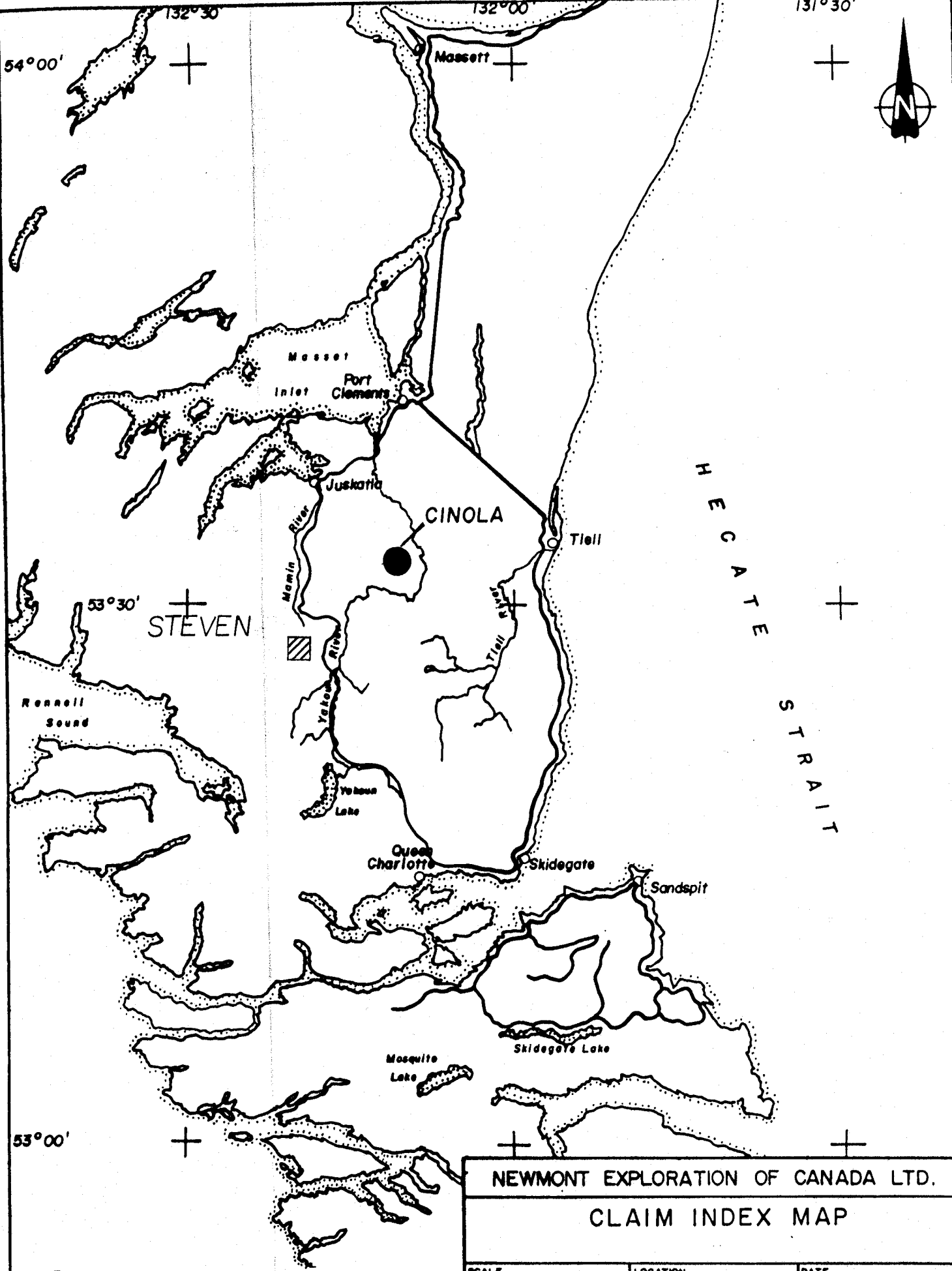
The STEVEN property consists of 4 grid claims of 78 units and 8 2-post claims of 8 units. Total 86 units. They are:

<u>Claim</u>	<u>No. of Units</u>	<u>Record Date</u>	<u>Record Number</u>
Steven 1	20	June 6, 1988	6713
" 2	20	"	6714
" 3	20	"	6715
" 4	18	"	6716
2-Post			
Steven 5	1	May 25, 1988	6698
" 6	1	"	6699
" 7	1	"	6700
" 8	1	"	6701
" 9	1	"	6702
" 10	1	"	6703
" 11	1	"	6704
" 12	<u>1</u>	"	6705
	86		

### History

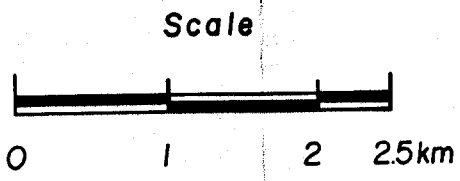
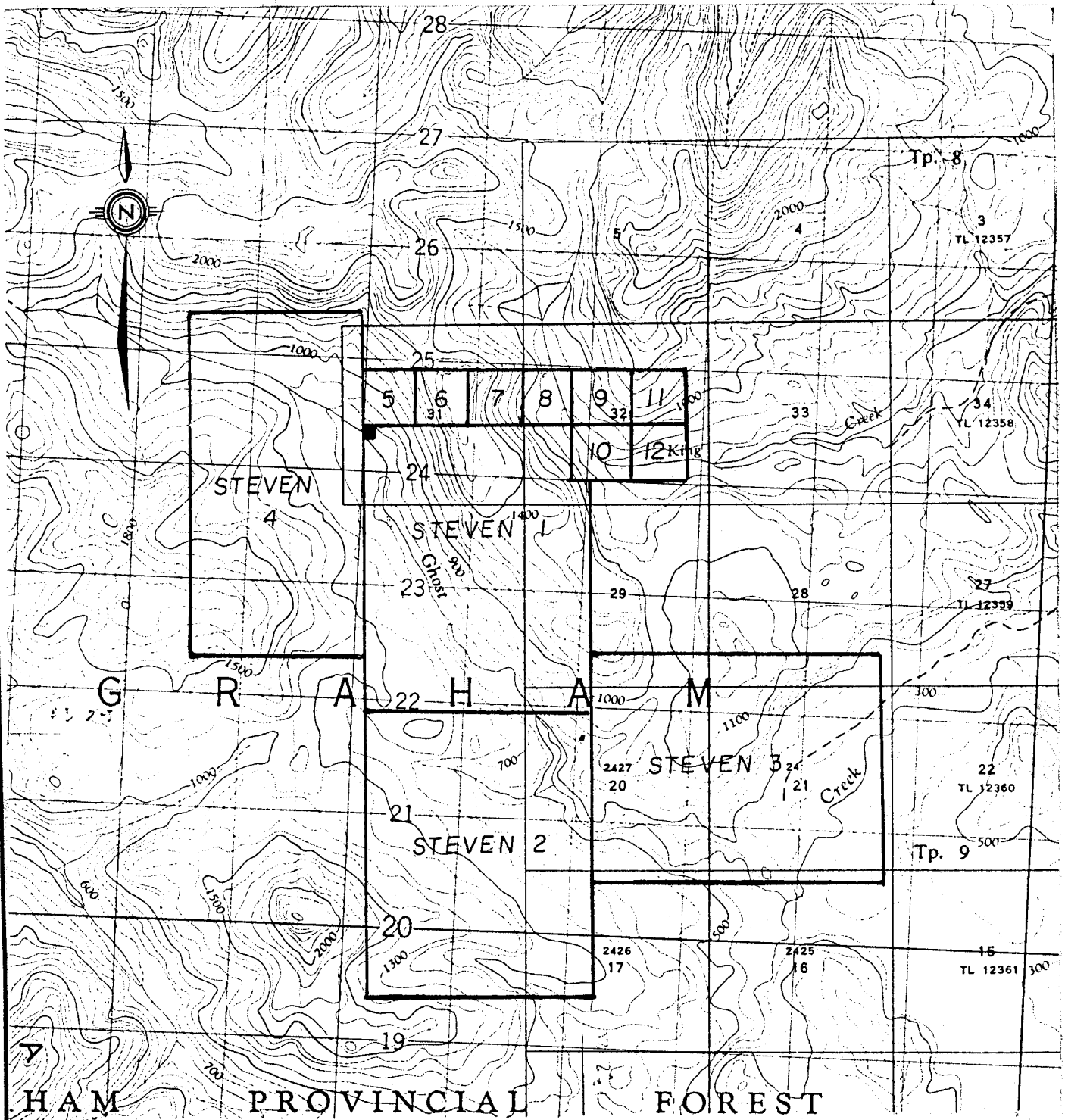
The earliest known work done in the area is by JMT Services, who worked on their King claims. The Steven property covers an area once owned by JMT Services. The history of the King property is as follows:

- June 1977 - King 1 claim staked to cover anomalous Hg and As in stream silts
- Sept. - King 1 claim re-staked and King 2 & 3 staked to cover a geochemical anomaly.
- Oct. - Newmont optioned the property and contracts JMT Services to complete geochemical sampling and geologic mapping.
  
- 1978 - Newmont dropped its option.
  
- March 1979 - JMT stakes King 4 - 6 claims  
- Chevron Canada Limited optioned the property.
- Sept. - Chevron stakes King 8 and 9 claims.
- Oct. - JMT Services completes geologic mapping, geochemical sampling and commences percussion drilling 22 holes on King 1.
  
- March 1980 - King 7 was abandoned and King 10 was staked in its place.  
- Chevron drills 5 diamond drill holes and King 1 and 10 claims for a total of 895 metres.
- Dec. - King 11 - 13 claims were staked.
  
- Nov. 1981 - Chevron drills 3 diamond drill holes on King 1 and 10 claims for a total of 418 metres.
  
- 1982 - Chevron drops their option



NEWMONT EXPLORATION OF CANADA LTD.		
CLAIM INDEX MAP		
SCALE	1:500000	LOCATION
SURVEY BY	I.C. & D.V.	DATE
		JAN 30, 1989
	DRAWN BY	NO.
	I.C.	1





NEWMONT EXPLORATION OF CANADA LTD.		
LOCATION MAP-STEVEN CLAIMS		
SCALE 1:50 000	LOCATION 103 F	DATE JAN 30, 1989
SURVEY BY J.A.T.	DRAWN BY I.C.	NO. 2

May 1988 - King 1, 2 and 3 in good standing

May-

June - Newmont stakes Steven 1 - 12 claims (old King 6, 10, 11 claims) and conducts a limited geological and geochemical program.

### Work Summary

In May and June 1988, a two man crew spent 20 days on the Steven property. Limited geologic mapping and geochemical sampling was done along newly constructed logging roads. A total of 142 soil, 10 silt and 33 rock samples were collected. The results of the survey are plotted on Figures 3 - 5 and Maps 1 - 4.

## GEOLOGY

### Regional

The geology of the Queen Charlotte Islands is described in detail in the B.C. Department of Mines Bulletin No. 54 by A. Sutherland-Brown. The central portion of Graham Island is underlain mainly by a northwest striking sequence of middle Jurassic volcanics and sediments of the Yakoun Formation (Upper Vancouver Group). These rocks consist of porphyritic andesite, pyroclastics and volcanic sandstones. Unconformably overlying the Yakoun are flat lying Tertiary basalt and rhyolite flows of the Massett Formation. Intruding these units are Tertiary feldspar porphyry dykes and sills, diorite stocks and gabbro plugs. North, northeast and northwest trending faults and linears are prominent features of the area.



### Property

Reconnaissance geologic mapping was conducted along logging roads and the preliminary results are presented on Figure 3 at a scale of 1:10,000.

The oldest exposed unit on the Steven property consists of fine grained, green mafic volcanics of the Lower Jurassic Yakoun Formation which is part of the Vancouver Group. Towards the top of the Yakoun the rocks are more of a volcanic sandstone. They are well exposed along Ghost Creek where they strike about  $110^{\circ}$  and dip about  $10^{\circ}$  NE. Slickenside measurements demonstrate a major structure along Ghost Creek. Very minor pyrite mineralization was found in these rocks.

Overlying the Yakoun Formation are dark coloured, fine grain, well bedded, rusty argillites and mudstones of the Upper Cretaceous Haida Formation which is part of the Queen Charlotte Group. They are best classified as turbidites. Locally the rocks are cherty, silicified and clay altered. The rocks occur in the central part of the Steven 1 claim where the strike at  $140^{\circ}$  and dip  $30^{\circ}$  NE. These rocks are quite sheared and faulted with low angle thrusts, at  $140^{\circ}$ , high angle normal shears at  $140^{\circ}$  and high angle normal cross faults at  $230^{\circ}$ . Massive and disseminated realgar, stibnite pyrite and cinnabar mineralization occurs near the top of the Haida in a slightly chloritic and argillaceous sandy turbidite sequence. This showing is called the Victory Zone as shown on Figure 4 and 5 and discussed below.

Unconformably overlying the Haida rocks is a medium green to dark green, coarse grained, framework supported cobble conglomerate of the Upper Cretaceous Honna Formation which is also part of the Queen Charlotte Group. The cobbles are made up of Yakoun volcanics Haida sandstone and Tertiary intrusive fragments.

Chlorite and clay are the main alteration minerals. The rocks occur in the central area of Steven 1 about halfway up a northwest trending ridge. They strike about  $148^{\circ}$  and dip  $\sim 46^{\circ}$  into the hill (NE). The conglomerate is also sheared and faulted. Disseminated pyrite occurs throughout and minor chalcopyrite occurs in some intrusive cobbles.

The above units also contain Tertiary feldspar porphyry dykes and sills which occupy low angle thrusts (sills) and high angle ( $\sim 55^{\circ}$  SE) normal crosscutting faults (dykes).

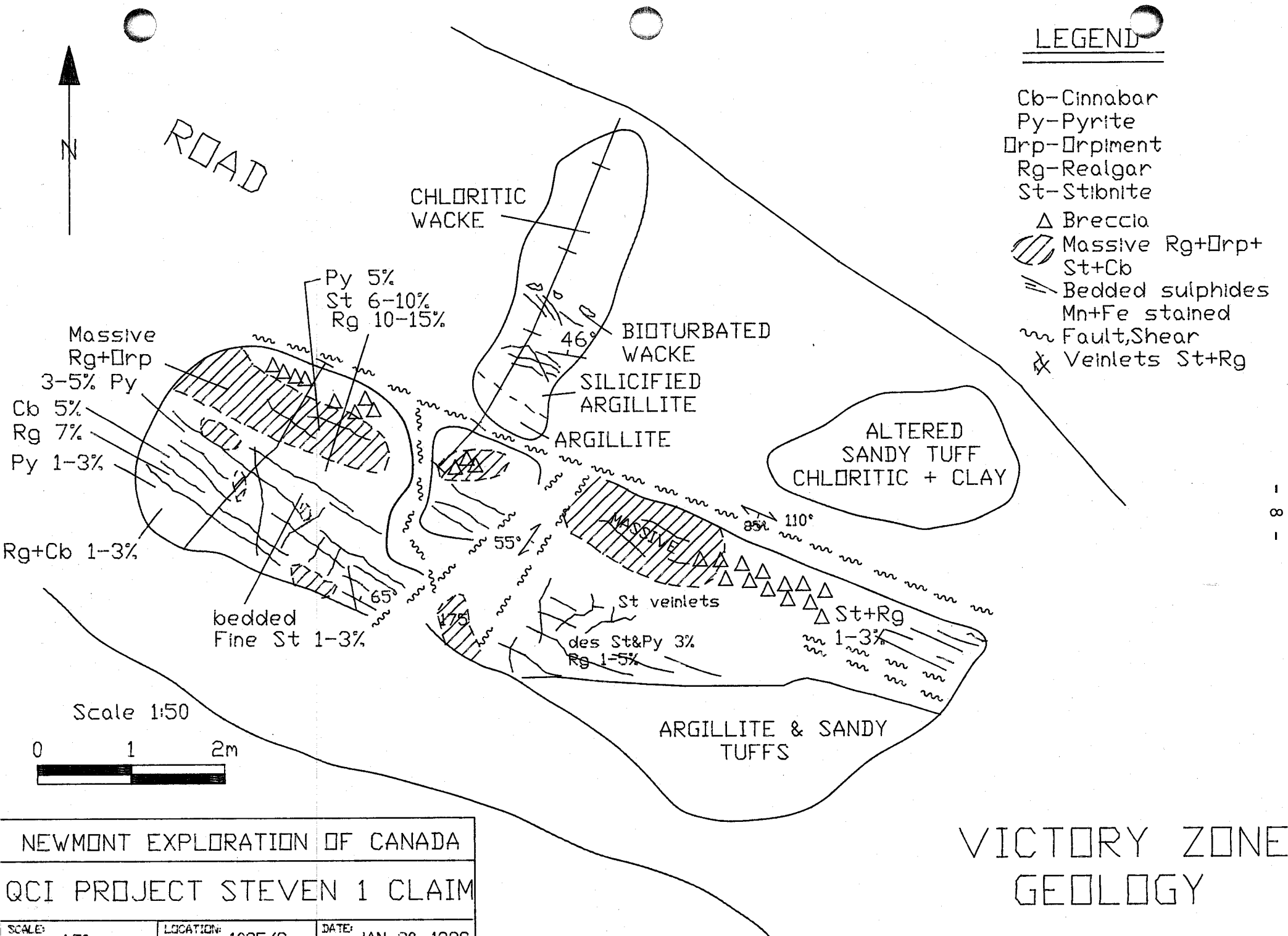
#### Victory Zone

The Victory Zone was found while prospecting along a newly constructed logging road. Up to 30% realgar, 5% stibnite and 5% orpiment with lesser pyrite and cinnabar occur, as massive pods, disseminations, veinlets and fracture fillings within a cherty argillaceous sandstone near the top of the Haida Formation. The showing is about  $2\frac{1}{2}$  - 3 metres in width and 10 - 12 metres in length. It strikes about  $110^{\circ}$  and dips into the hill at  $46^{\circ}$  (N). The sediments are well bedded and near the top of the zone cross bedding can be observed. Bioturbation textures are common. Bedding of realgar, framboidal pyrite and marcasite could indicate a stratabound nature of the mineralization but replacement textures also occur.

The mineralization appears to be cut off by a  $110^{\circ}$  striking  $85^{\circ}$  SW shear. Brecciated mineralization occurs on one side of the shear and is approximately  $\frac{1}{2}$  metre wide. (Figure 4)

LEGEND

- Cb-Cinnabar
- Py-Pyrite
- Orp-Orpiment
- Rg-Realgar
- St-Stibnite
- △ Breccia
- ▨ Massive Rg+Orp+St+Cb
- ▨ Bedded sulphides Mn+Fe stained
- ~ Fault, Shear
- ✕ Veinlets St+Rg



NEWMONT EXPLORATION OF CANADA		
QCI PROJECT STEVEN 1 CLAIM		
SCALE: 150	LOCATION: 103F/8	DATE: JAN 30, 1989
SURVEY BY: J.A.T.	DRAWN BY: I.G.C.	NO: 4

elev 330m

VICTORY ZONE  
GEOLOGY

## GEOCHEMISTRY

### Field Procedure

Soil samples were collected from road cuts in areas where favourable geology was observed. At each site, at least one "B" soil horizon sample was taken. When two samples were taken at one site, one was at 25 cm depth "B" the other at 75 cm or "C" horizon. The samples were collected using a mattock or an trowel and placed in Kraft paper bags and dried. As seen along logging roads, overburden cover is generally fairly thin (less than 1 or 2 m).

Measured representative rock chip samples were collected, using a hammer and moil, from outcrops or from the Victory showing. Fourteen rock chips were from slightly altered outcrops along a newly constructed logging road. This occurs in the central portion of Steven 1 along a northwest trending ridge. One rock sample was taken just above Ghost Creek along a logging road. The samples in general weighed 2-3 kg and consisted of small chips and fragments.

Silt samples were taken from the middle of creeks using a trowel and were placed on Kraft paper bags and dried.

The samples were sent to Chemex Labs, 212 Brooksbank Avenue, North Vancouver for analysis.

### Laboratory Procedure

All samples were analyzed using Chemex's 32 element Inductively Coupled Plasma I.C.P. method, with gold being determined by a combination of both Fire Assay (F.A.) and Atomic Absorption (A.A.) technique. Mercury was analyzed by A.A. Ten samples were assayed for Au, As and Hg, and three were assayed for Sb.

Prior to analysis all soil and silt samples were dried at 60° and then sieved to -80 mesh. For the rock chips the procedure prior to analysis is as shown below.

1. Samples are sorted, then listed on assay sheets.
2. The entire sample is crushed first in a primary jaw crusher, then in a secondary cone crusher.
3. The crushed sample is reduced to a 200 - 400 gm subsample in a Jones Riffler, then dried.
4. The dried material is pulverized to pass a 100 mesh screen, then rolled to homogenize.

Analytical methods are as below:

For the 32 element ICP analysis, a 1/2 gram sample is digested with 3 ml of 3:1:3 nitric acid to hydrochloric acid to water at 90°C for 2 1/2 hours. The sample is then diluted to 10 mls with demineralized water and analyzed. The reported values for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and U are considered to be semi-quantitative as the leach is only partial for these elements.

In the F.A. - A.A. combination method for gold, ten gram samples are fused in litharge, carbonate and siliceous flux with the addition of 10 mg of Au-free Ag metal and cupelled. The Ag bead is parted with dilute HNO<sub>3</sub> and then treated with aqua regia. The salts are dissolved in dilute HCl and analyzed for Au on an atomic absorption spectrophotometer. Detection limit: 5 ppb.

For mercury analysis, a 1/2 gram sample is digested with nitric and perchloric acid and diluted with 20% HCl. The mercury content is determined by cold vapor AA using a F & J scientific Hg assembly. An aliquot is added to a stannous chloride-hydrochloric acid solution. The reduced Hg is carried by bubbling air through the solution and passed into the Hg cell determined by A.A.

Fire assay techniques were used on ten rock samples for Au, As, Hg and Sb.

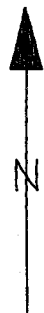
**Results and Interpretation**

The analytical results for rock, soil and stream sediment samples were examined, and it was decided that gold, mercury and arsenic values were of most significance and would be plotted. The sample locations are shown on Map 1 and the results plotted on Maps 2-4.

A rigorous statistical treatment of the data was not performed. From previous experience, anomalous values were arbitrarily chosen and are the same for all sample types: Au > 10 ppb, As > 30 ppm, Hg > 1000 ppb. The results are summarized below:

Type	N = no. of samples	Au (ppb)		As (ppm)		Hg (ppb)		Sb (ppm)		
		Range	N	Range	N	Range	N	Range	N	
Soils -										
Silts	152	<5-<10	139	1- <30	57	30-<1000	123	1-10	152	
		10-50	13	30-1705	95	1000-28000	29			
Rock	33	1-<10	11	5-<30	6	20-<1000	17	5-<80	19	
		10-40	22	30-20.5%	27	1000->.2%	16	80-.625%	14	

\* percent where indicated



ROAD

14646  
14677

14634

14647

14678

14648

14679

14635

14641

14642

14644

14645

14646

14636

14643

14638

14637

14639

14640

	Au	As	Hg	Sb
grab 14634	10	13.70	>10000	6240
1.0m 14635	10	3.36	>10000	9530
1.0m 14636	20	11.50	>200000	4550
1.0m 14637	5	20.50	>200000	4580
1.0m 14638	10	2.28	79000	3200
1.0m 14639	<5	1.43	96000	1505
1.0m 14640	5	5.62	162000	>10000
1.0m 14641	5*	>10000	39000	140
1.0m 14642	40	.040	.002	10
grab 1.0m 14643	15	.054	.001	10
1.0m 14644	20	.054	.001	5
1.0m 14645	25	.494	.002	80
1.0m 14646	25	11.30	.074	4990
1.0m 14647	15	6.65	.103	3320
1.0m 14648	20	2.40	.024	400
2.0m grab 14677	15	11.40	.114	#.515 @ 1.5m depth
2.0m 14678	10	11.70	.060	#.625 @ 1.5m depth
10m <sup>2</sup> 14679	<5	11.80	.136	#1.24 @ 1.5m depth

Au ppb  
As in % and ppm\*  
Hg in % and ppb  
Sb in ppm and %

Scale 1:50



NEWMONT EXPLORATION OF CANADA		
QCI PROJECT STEVEN 1 CLAIM		
SCALE: 1:50	LOCATION: 103F/8	DATE: JAN 30, 1989
SURVEY BY: J.A.T.	DRAWN BY: I.G.C.	NO: 5

elev 330m

# VICTORY ZONE SAMPLE RESULTS

### Soils and Silts

Gold content of the samples is low, with only 13 samples at >10 ppb. Two samples of 34 and 50 ppb occur together 1000m SE of the Victory Zone. A large As and Hg anomaly also occurs here. Sheared argillites of the Haida Formation are mapped nearby.

A large 3 km long x 300m wide As and Hg anomaly occur along a NW trending logging road. Values run up to 1705 ppm As and 28000 ppb Hg. The Victory Zone occurs near the northwest end of this anomaly. Haida Formation argillites and sandstones underlie this anomalous zone.

Several samples came from a well developed C horizon and inspection of the data shows enhanced values for both Hg and As.

Other elements analyzed by the ICP technique show low overall results.

### Rock Samples - Victory Zone

The Victory Zone was found while prospecting along a newly constructed logging road. The first set of samples #14634 to #14640 were taken during construction when only part of the showing was visible. Blasting nearby hampered sampling. The second set of samples 14641 to 14648 were taken after hand trenching, Figure 5. The third set of samples #14677 to #14679 were taken after rock blasting by the logging road contractor. Fortunately, about 1.5 metres of rock was removed revealing large boulders of massive to semi-massive realgar mineralization. A 2 metre chip of one boulder yielded 11.7% As, .625% Sb, .06% Hg and 10 ppb Au. A chip from several boulders over a 10m square area yielded 11.8% As, 1.24% Sb, .136% Hg and <5 ppb Au. The mineralization is well bedded (realgar) and fracture controlled. Realgar + stibnite and the more massive (fractures) sections contain up to 10 cm of 20.7% As or 30% realgar.



On the next visit to the showing the road was fully constructed and all bedrock exposure was infilled. Only mineralized boulders remain on the side of the road.

Other elements analysed by the ICP technique show low overall results.

#### Rock Samples - Conglomerate Unit

Fifteen rock chip samples were taken along a newly constructed logging road along a NW trending ridge where rock exposure is about 40%. The chips were spaced about 10m apart and were 2 - 3 metres in width.

Gold content of the samples is low and all were at or below detection limit.

Mercury was quite low and the values ranged from 200 ppb to 530 ppb. The conglomerate contains chlorite - pyrite and varying amounts of clay.

Arsenic was only slightly anomalous with 9 of 15 samples >30 ppm. Five samples of >100 ppm were from the top ridge where one 2m chip ran 535 ppm As. This sample is from an argillically altered sandstone.

Antimony was quite low in all rock samples. The values were all <5 ppm Sb.

Other elements analyzed by the ICP technique show low overall results.

### SUMMARY AND CONCLUSION


Twenty days in 1988 were spent by Newmont personnel on the **STEVEN** property conducting a limited amount of roadside prospecting, geological mapping and geochemical sampling. The purpose of the program was to explore the property for epithermal style gold mineralization.

A new arsenic showing, the Victory Zone, was discovered along a logging road. The showing runs about 11.7% As over 2m with minor amounts of Sb and Hg and low Au. A large 3 km x 200m soil anomaly extends NW-SE along this road. Values run as high as 28000 ppb Hg, 1705 ppm As and 50 ppb Au. This anomaly is almost parallel to a argillaceous sandstone-cobble conglomerate contact.

It is felt that this environment, although not anomalous for Au, has all the right indicators for an epithermal style Au deposit.

### RECOMMENDATION

It is purposed to complete the geologic mapping over the entire property, rock chip sample all outcrops and thoroughly prospect the area.



---

James A. Turner

REFERENCES

B.C. Department of Mines Assessment Report #7762, 9837

SUTHERLAND - Brown A. (1968): Geology of the Queen Charlotte  
Islands, B.C. Department of Mines Bulletin #54

COST STATEMENT

LABOUR

<u>Employee</u>	<u>Work Dates</u>	<u>Days</u>	<u>Rate</u>	<u>Cost</u>
J. Turner	May 12-22, June 7-9 June 11-16	20	\$159	\$3,180
B. Malahoff	May 9-15	7	120	840
R. Barnes	May 9-15	7	117	819
J. Miller	June 7-9, 11-16	<u>9</u>	115	<u>1,035</u>
		43		\$ 5,874.00

MEALS & ACCOMMODATION	43 days @ \$50			2,150.00
VEHICLE (4 WD Suburban)	20 days @ \$89			1,780.00

ASSAYING

Soil & silt:	30 el ICP + Au (AA) + Hg	152 @ \$19.25	\$ 2,926.00
Rock:	30 el ICP + Au (FA+AA) + As + Hg	22 @ \$25.75	566.50
	30 el ICP + Assay (Au, As, Hg)	10 @ \$38.25	382.50
	Sb assay	3 @ \$ 9.50	28.50
	30 el ICP + Au (FA+AA)	1 @ \$17.75	<u>17.75</u>
			3,921.25

MISCELLANEOUS

Sampling supplies, freight on samples, etc.

400.00

REPORT PREPARATION

1,500.00

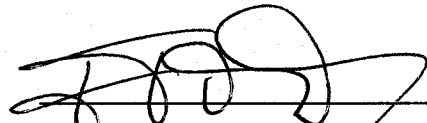
Total Cost

\$15,625.25

**STATEMENT OF QUALIFICATIONS**

I, James A. Turner, residing at 14149 17 A Avenue, Surrey, British Columbia, state that:

1. I have graduated from the University of British Columbia with a B.Sc. degree in physics with geology in 1973, with further academic work in geological sciences in 1976.
2. I have been employed by Newmont Exploration of Canada Limited, Vancouver, British Columbia as a Project Geologist since 1980.
3. I am a member of the Geological Association of Canada.
4. The majority of the work described in this report was done under my supervision by geologists Brian Malahoff (B.Sc., U.B.C., 1985) and Russell Barnes (B.Sc., U.B.C., 1988) and Jason Miller (B.Sc., U.B.C., 1989).

  
James A. Turner



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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VANCOUVER, B.C.  
V6C 3A4

Project: 377

Comments:

Page No.: 1-A  
Tot. Pages: 1  
Date: 16-MAY-88  
Invoice #: I-8815225  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8815225

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
88169	299	238	0.80	< 0.2	675	10	< 0.5	< 2	0.02	< 0.5	3	15	18	2.71	< 10	3	0.03	< 10	0.06	66	1
88170	299	238	1.39	< 0.2	495	30	< 0.5	< 2	0.06	< 0.5	13	17	15	6.08	< 10	1	0.04	< 10	0.18	161	2
88171	299	238	1.00	< 0.2	350	20	< 0.5	< 2	0.04	< 0.5	13	15	21	5.50	< 10	< 1	0.04	< 10	0.15	172	1
88172	299	238	2.30	< 0.2	315	60	< 0.5	< 2	0.09	< 0.5	24	26	21	3.52	< 10	3	0.05	< 10	0.29	961	1
88173	299	238	3.16	< 0.2	505	110	0.5	< 2	0.18	< 0.5	30	31	20	3.90	< 10	< 1	0.06	10	0.47	541	2
88174	299	238	4.88	< 0.2	535	60	0.5	< 2	0.14	< 0.5	14	28	24	3.06	< 10	< 1	0.05	10	0.35	173	2
88175	299	238	5.00	< 0.2	75	40	1.0	2	0.08	< 0.5	29	48	27	6.19	< 10	2	0.02	20	0.34	1400	2
88176	299	238	7.53	< 0.2	65	30	0.5	< 2	0.03	< 0.5	14	49	23	6.57	< 10	< 1	0.01	< 10	0.15	136	3
88177	299	238	0.64	< 0.2	425	40	< 0.5	< 2	0.06	< 0.5	11	24	25	3.95	< 10	5	0.03	< 10	0.04	151	1
88178	299	238	1.43	< 0.2	180	70	< 0.5	< 2	0.13	< 0.5	9	12	14	3.23	< 10	2	0.06	< 10	0.09	146	1
88179	299	238	0.90	< 0.2	255	10	< 0.5	< 2	0.01	< 0.5	3	10	15	2.33	< 10	1	0.03	< 10	0.03	84	v 1
88180	299	238	4.02	< 0.2	475	20	< 0.5	< 2	0.01	< 0.5	15	33	30	7.22	< 10	< 1	0.01	< 10	0.14	185	2
88181	299	238	1.67	< 0.2	150	20	< 0.5	< 2	0.03	< 0.5	10	13	15	4.31	< 10	< 1	0.02	< 10	0.15	133	2
88182	299	238	2.78	< 0.2	35	100	< 0.5	< 2	0.26	< 0.5	12	20	19	4.83	< 10	< 1	0.03	< 10	0.46	184	1
88183	299	238	4.31	< 0.2	100	40	0.5	< 2	0.02	< 0.5	15	28	24	5.22	< 10	< 1	0.03	< 10	0.30	317	1
88184	299	238	3.62	< 0.2	5	30	< 0.5	2	0.02	< 0.5	14	24	25	5.95	10	< 1	0.05	< 10	0.36	241	v 1
88185	299	238	5.20	< 0.2	30	50	0.5	< 2	0.01	< 0.5	20	31	40	7.27	10	< 1	0.07	< 10	0.49	739	2
88186	299	238	5.89	< 0.2	5	30	0.5	< 2	0.04	< 0.5	13	38	33	4.93	< 10	< 1	0.04	< 10	0.32	340	1

SOIL SAMPLE RESULTS

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# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project: 377

Comments:

Page No.: 1-B

Tot. Pages: 1

Date: 16-MAY-88

Invoice #: I-8815225

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8815225

SAMPLE DESCRIPTION	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
88169	299	238	< 0.01	4	200	10	5	3	3	0.01	< 10	< 10	55	< 5	26
88170	299	238	0.01	4	280	28	< 5	3	7	0.05	< 10	< 10	105	5	29
88171	299	238	0.01	6	440	10	< 5	4	5	0.01	< 10	< 10	107	10	55
88172	299	238	0.01	16	360	10	< 5	6	9	0.03	< 10	< 10	67	5	107
88173	299	238	0.02	20	930	8	< 5	8	22	0.04	< 10	< 10	84	5	103
88174	299	238	0.02	11	700	16	< 5	7	11	0.09	< 10	< 10	63	< 5	65
88175	299	238	0.02	12	680	< 2	5	13	13	0.17	< 10	< 10	137	10	61
88176	299	238	0.01	9	370	4	< 5	9	5	0.12	< 10	< 10	88	5	52
88177	299	238	0.01	8	640	24	10	10	8	< 0.01	< 10	< 10	104	5	79
88178	299	238	0.01	5	440	14	< 5	3	20	< 0.01	< 10	< 10	60	5	41
88179	299	238	< 0.01	4	220	6	10	3	2	< 0.01	< 10	< 10	56	< 5	36
88180	299	238	0.01	9	330	8	< 5	9	2	0.01	< 10	< 10	91	5	54
88181	299	238	0.01	5	190	12	< 5	3	4	0.03	< 10	< 10	83	< 5	27
88182	299	238	0.02	6	250	12	< 5	4	28	0.02	< 10	< 10	83	5	51
88183	299	238	0.01	7	360	10	< 5	10	3	0.04	< 10	< 10	93	5	49
88184	299	238	0.01	6	320	10	< 5	5	3	0.02	< 10	< 10	110	5	36
88185	299	238	0.01	13	590	10	< 5	8	2	< 0.01	< 10	< 10	96	5	58
88186	299	238	0.02	8	320	20	< 5	13	4	0.14	< 10	< 10	95	5	57

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# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project: 377  
Comments:

Page No.: 2  
Tot. Pages: 2  
Date: 16-MAY-88  
Invoice #: I-8815224  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8815224

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	As ppm	Hg ppb							
88169	201	---	< 5	780	2400							
88170	201	---	< 5	550	930							
88171	201	---	< 5	360	510							
88172	201	---	< 5	340	660							
88173	201	---	< 5	570	800							
88174	201	---	< 5	540	690							
88175	201	---	< 5	60	150							
88176	201	---	< 5	70	60							
88177	201	---	< 5	440	5700							
88178	201	---	< 5	140	870							
88179	201	---	< 5	240	350							
88180	201	---	10	630	760							
88181	201	---	< 5	190	260							
88182	201	---	< 5	53	180							
88183	201	---	< 5	120	90							
88184	201	---	< 5	20	150							
88185	201	---	< 5	23	250							
88186	201	---	< 5	25	200							

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900 - 808 W. HASTINGS ST  
VANCOUVER, B.C.  
V6C 3A4

Project: 377

Comments: ATTN: J.A. TURNER

Page No.: 1-A

Tot. Pages: 4

Date: 27-JUN-88

Invoice #: I-8817343

P.O. #: NONE

RECEIVED  
JUN 28 1988  
ANALYTICAL

## CERTIFICATE OF ANALYSIS --- A8817343

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Hg ppb	Al %	Ag ppm	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 %
88187	201 238	< 5	260	4.58	< 0.2	95	40	0.5	< 2	0.03	0.5	9	25	22	4.90	< 10	< 1	0.03	10	0.33
88188	201 238	< 5	250	5.34	< 0.2	20	40	< 0.5	< 2	0.03	< 0.5	13	27	43	3.58	< 10	< 1	0.05	10	0.69
88189	201 238	< 5	190	4.56	< 0.2	185	20	0.5	< 2	0.01	0.5	7	26	24	5.98	< 10	< 1	0.02	10	0.31
88190	201 238	< 5	200	3.44	< 0.2	185	20	< 0.5	< 2	0.02	< 0.5	5	22	20	5.24	< 10	< 1	0.02	< 10	0.24
88191	201 238	< 5	180	5.64	< 0.2	25	30	< 0.5	< 2	0.01	0.5	12	32	33	5.81	< 10	< 1	0.03	10	0.32
88192	201 238	< 5	300	4.72	< 0.2	95	30	0.5	< 2	0.05	0.5	5	15	15	5.21	10	1	0.01	10	0.21
88193	201 238	< 5	100	5.15	< 0.2	5	50	0.5	< 2	0.05	0.5	19	36	38	5.51	< 10	< 1	0.05	20	0.92
88194	201 238	< 5	370	5.92	< 0.2	110	70	1.0	< 2	0.07	0.5	13	34	38	5.83	10	< 1	0.04	10	0.40
88195	201 238	< 5	5600	5.26	< 0.2	425	40	0.5	< 2	0.02	1.0	12	35	36	7.23	< 10	6	0.01	10	0.20
88196	201 238	5	5500	1.91	< 0.2	580	60	0.5	< 2	0.04	0.5	19	23	36	7.19	< 10	5	0.07	< 10	0.38
88197	201 238	< 5	2100	5.03	< 0.2	105	40	0.5	< 2	0.02	0.5	12	37	34	5.28	10	3	0.04	10	0.55
88198	201 238	< 5	2200	4.40	< 0.2	70	70	0.5	< 2	0.05	0.5	18	29	37	3.10	10	> 1	0.07	20	0.69
88199	201 238	< 5	1200	3.92	< 0.2	110	120	0.5	< 2	0.10	< 0.5	25	31	22	6.51	10	> 1	0.09	10	0.91
88200	201 238	< 5	3200	2.41	< 0.2	350	140	< 0.5	< 2	0.07	0.5	7	38	25	6.16	10	2	0.02	10	0.29
88201	201 238	< 5	1000	3.32	< 0.2	215	50	0.5	< 2	0.06	< 0.5	9	28	16	5.07	10	1	0.05	10	0.75
88202	201 238	< 5	1800	4.44	< 0.2	320	50	0.5	< 2	0.06	< 0.5	26	36	26	6.12	10	1	0.03	10	0.68
88203	201 238	< 5	700	3.19	< 0.2	135	60	0.5	< 2	0.12	< 0.5	19	26	22	5.79	10	1	0.06	10	0.73
88204	201 238	< 5	110	2.46	< 0.2	35	80	< 0.5	2	0.15	< 0.5	6	23	11	4.06	10	> 1	0.04	10	0.51
88205	201 238	< 5	370	3.92	< 0.2	10	90	0.5	< 2	0.27	0.5	14	29	23	5.28	10	> 1	0.07	10	0.58
88206	201 238	< 5	120	6.02	< 0.2	40	50	0.5	< 2	0.05	< 0.5	22	35	33	5.94	10	< 1	0.05	10	0.52
88207	201 238	< 5	280	4.95	< 0.2	50	70	0.5	< 2	0.11	< 0.5	17	28	35	3.63	10	1	0.05	10	0.74
88208	201 238	< 5	340	4.27	< 0.2	190	90	0.5	< 2	0.10	0.5	24	33	20	6.65	10	< 1	0.03	10	0.51
88209	201 238	< 5	130	3.21	< 0.2	60	110	0.5	< 2	0.28	< 0.5	47	26	22	6.07	10	1	0.10	10	0.73
88210	201 238	< 5	160	5.63	< 0.2	< 5	50	0.5	< 2	0.04	0.5	8	29	26	5.44	< 10	1	0.02	10	0.36
88211	201 238	< 5	170	3.57	< 0.2	< 5	30	0.5	< 2	0.03	0.5	4	11	12	3.74	10	1	0.02	10	0.16
88212	201 238	< 5	1400	3.74	< 0.2	1705	40	0.5	< 2	0.02	< 0.5	10	34	25	12.75	10	< 1	0.03	20	0.44
88213	201 238	< 5	2600	4.61	< 0.2	165	140	1.0	< 2	0.11	< 0.5	24	33	36	6.41	10	3	0.04	10	0.52
88214	201 238	< 5	800	3.28	< 0.2	60	60	0.5	< 2	0.22	< 0.5	7	21	25	8.61	10	1	0.02	10	0.12
88215	201 238	< 5	4400	2.50	< 0.2	160	80	0.5	2	0.19	0.5	19	32	22	6.88	10	6	0.03	10	0.57
88216	201 238	< 5	11200	3.46	< 0.2	160	100	0.5	< 2	0.14	< 0.5	27	33	25	5.16	10	12	0.02	10	0.60
88217	201 238	< 5	28000	2.64	< 0.2	105	60	0.5	< 2	0.15	< 0.5	14	24	20	3.80	10	22	0.03	10	0.30
88218	201 238	< 5	3700	2.85	< 0.2	220	80	0.5	< 2	0.39	< 0.5	13	25	19	5.17	10	1	0.03	20	0.46
88219	201 238	< 5	800	3.34	< 0.2	95	170	0.5	< 2	0.34	< 0.5	26	24	24	6.65	10	1	0.09	20	0.58
88220	201 238	< 5	1200	3.30	< 0.2	90	30	< 0.5	< 2	0.07	< 0.5	7	21	28	3.39	< 10	< 1	0.04	10	0.47
88221	201 238	5	1000	3.10	< 0.2	85	150	0.5	< 2	0.08	< 0.5	19	22	47	4.60	10	< 1	0.10	10	0.79
88222	201 238	5	290	5.02	< 0.2	20	30	0.5	2	0.08	0.5	26	59	206	9.45	10	2	0.03	10	1.90
88223	201 238	35	130	7.39	< 0.2	< 5	10	0.5	< 2	0.06	< 0.5	23	179	236	6.86	10	< 1	< 0.01	10	1.81
88224	201 238	< 5	310	4.11	< 0.2	5	20	< 0.5	< 2	0.04	< 0.5	5	59	36	6.70	10	1	0.02	10	0.36
88225	201 238	< 5	240	4.78	< 0.2	< 5	30	0.5	< 2	0.05	0.5	6	58	28	5.34	10	< 1	0.02	10	0.43
88226	201 238	50	370	4.82	< 0.2	35	60	0.5	< 2	0.08	< 0.5	18	34	56	5.88	10	< 1	0.07	10	0.87

CERTIFICATION :

BCI



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project : 377

Comments: ATTN: J. A. TURNER

JUN 28 1988

Page No. : 1-B

Tot. Pages: 4

Date : 27-JUN-88

Invoice # : I-8817343

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8817343

SAMPLE DESCRIPTION	PREP CODE		Mn	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	ppm
88187	201	238	468	1	0.01	12	520	< 2	< 5	8	3	0.08	< 10	< 10	91	< 5	45
88188	201	238	574	2	0.01	23	730	< 2	< 5	7	3	0.01	< 10	< 10	55	10	69
88189	201	238	254	1	0.01	7	450	8	< 5	6	2	0.03	< 10	< 10	84	5	38
88190	201	238	184	1	0.01	8	440	12	< 5	4	3	0.03	< 10	< 10	83	10	28
88191	201	238	272	< 1	0.01	13	420	16	< 5	10	2	0.01	< 10	< 10	78	10	64
88192	201	238	255	4	0.01	5	480	24	< 5	6	3	0.12	< 10	< 10	83	< 5	33
88193	201	238	568	2	0.01	19	420	20	< 5	9	6	0.03	< 10	< 10	76	5	104
88194	201	238	234	2	0.01	17	370	10	< 5	10	8	0.04	< 10	< 10	97	5	81
88195	201	238	157	3	0.01	14	380	12	< 5	10	5	0.01	< 10	< 10	110	< 5	115
88196	201	238	332	3	< 0.01	18	800	20	< 5	12	7	< 0.01	< 10	< 10	92	< 5	121
88197	201	238	189	1	0.01	20	260	8	< 5	10	3	0.01	< 10	< 10	78	< 5	81
88198	201	238	278	2	0.01	26	370	20	< 5	8	8	0.01	< 10	< 10	60	5	93
88199	201	238	1115	< 1	0.01	17	210	6	< 5	7	14	0.01	< 10	< 10	99	< 5	105
88200	201	238	163	< 1	0.02	18	320	2	< 5	5	37	0.03	< 10	< 10	99	< 5	54
88201	201	238	289	1	0.01	14	320	18	< 5	5	7	0.02	< 10	< 10	85	< 5	79
88202	201	238	734	1	0.01	21	580	14	< 5	8	8	0.04	< 10	< 10	105	< 5	108
88203	201	238	1665	3	0.02	15	290	12	< 5	6	12	0.03	< 10	< 10	85	< 5	83
88204	201	238	268	1	0.01	10	250	10	< 5	4	25	0.05	< 10	< 10	91	< 5	50
88205	201	238	754	2	0.01	14	540	20	< 5	4	29	0.03	< 10	< 10	84	5	81
88206	201	238	1360	4	0.01	12	540	12	< 5	10	6	0.07	< 10	< 10	93	< 5	79
88207	201	238	762	4	0.01	22	710	8	< 5	8	9	0.06	< 10	< 10	67	< 5	81
88208	201	238	1165	3	0.01	13	440	14	< 5	6	27	0.08	< 10	< 10	97	< 5	80
88209	201	238	2370	2	0.01	17	360	16	< 5	6	33	0.02	< 10	< 10	94	5	74
88210	201	238	428	3	0.01	10	320	12	< 5	8	7	0.18	< 10	< 10	102	< 5	66
88211	201	238	135	3	0.01	4	370	6	< 5	4	5	0.04	< 10	< 10	86	< 5	31
88212	201	238	1415	2	0.01	9	760	4	< 5	11	10	0.01	< 10	< 10	92	< 5	55
88213	201	238	1015	2	0.02	15	430	10	< 5	10	29	0.01	< 10	< 10	97	< 5	91
88214	201	238	264	2	0.01	7	2310	22	< 5	6	18	< 0.01	< 10	< 10	98	< 5	65
88215	201	238	1075	1	0.01	17	620	4	< 5	5	29	0.06	< 10	< 10	131	< 5	73
88216	201	238	1220	2	0.01	20	460	10	< 5	8	34	0.06	< 10	< 10	102	< 5	97
88217	201	238	678	< 1	0.01	12	330	8	< 5	6	20	0.04	< 10	< 10	76	< 5	60
88218	201	238	525	2	0.01	14	850	10	< 5	6	31	0.04	< 10	< 10	112	< 5	94
88219	201	238	3250	1	0.02	16	640	4	< 5	7	27	0.02	< 10	< 10	88	< 5	78
88220	201	238	272	< 1	0.01	11	250	< 2	< 5	6	6	0.07	< 10	< 10	54	< 5	52
88221	201	238	993	1	0.02	16	410	10	< 5	8	8	0.03	< 10	< 10	65	< 5	80
88222	201	238	446	< 1	0.01	121	340	2	< 5	8	5	0.03	< 10	< 10	82	< 5	81
88223	201	238	204	< 1	0.01	164	280	< 2	< 5	14	3	0.13	< 10	< 10	90	< 5	37
88224	201	238	105	1	0.01	18	470	12	< 5	4	4	0.02	< 10	< 10	86	< 5	36
88225	201	238	105	< 1	0.01	25	440	< 2	< 5	4	8	0.01	< 10	< 10	71	< 5	63
88226	201	238	522	< 1	0.01	43	550	10	< 5	8	11	0.01	< 10	< 10	64	< 5	107

CERTIFICATION :

*BC*

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# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 BROOKSBANK AVE., NORTH VANCOUVER,  
 BRITISH COLUMBIA, CANADA V7J-2C1  
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 V6C 3A4

Project: 377  
 Comments: ATTN: J. A. TURNER

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Page No. : 2-A  
 Tot. Pages: 4  
 Date : 27-JUN-88  
 Invoice # : I-8817343  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8817343

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Hg ppb	Al %	Ag ppm	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 %
88227	201 238	< 5	340	4.00	< 0.2	< 5	30	< 0.5	< 2	0.03	< 0.5	6	34	26	4.94	< 10	< 1	0.02	10	0.35
88228	201 238	< 5	380	3.93	< 0.2	< 5	90	< 0.5	< 2	0.04	< 0.5	8	37	14	4.85	< 10	< 1	0.12	10	0.43
88229	201 238	< 5	460	5.10	< 0.2	15	80	< 0.5	< 2	0.04	< 0.5	9	44	34	5.24	< 10	< 1	0.07	10	0.68
88230	201 238	< 5	240	2.39	< 0.2	25	90	< 0.5	< 2	0.04	< 0.5	3	65	2	7.69	< 10	< 1	0.43	10	0.39
88231	201 238	< 5	90	5.07	< 0.2	< 5	320	< 0.5	< 2	0.06	< 0.5	5	45	11	6.20	< 10	< 1	0.13	10	0.29
88232	201 238	< 5	160	5.51	< 0.2	20	50	< 0.5	< 2	0.04	< 0.5	6	45	14	6.70	< 10	< 1	0.04	10	0.23
88233	201 238	< 5	770	4.14	< 0.2	95	80	< 0.5	< 2	0.03	< 0.5	8	29	23	6.30	< 10	< 1	0.03	10	0.33
88234	201 238	< 5	540	2.62	< 0.2	55	40	< 0.5	< 2	0.03	< 0.5	3	24	9	5.63	< 10	< 1	0.02	10	0.23
88235	201 238	< 5	730	2.50	< 0.2	45	150	< 0.5	< 2	0.38	< 0.5	18	24	40	4.02	< 10	< 1	0.10	20	0.71
88236	201 238	< 5	620	4.03	< 0.2	25	140	< 0.5	< 2	0.09	< 0.5	10	25	13	3.60	< 10	< 1	0.06	10	0.47
88237	201 238	< 5	190	3.86	< 0.2	< 5	160	< 0.5	< 2	0.08	< 0.5	4	28	10	5.02	< 10	< 1	0.06	10	0.38
88238	201 238	< 5	550	4.60	< 0.2	< 5	120	< 0.5	< 2	0.15	< 0.5	10	29	23	3.42	< 10	< 1	0.08	10	0.56
88239	201 238	< 5	660	4.55	< 0.2	15	90	< 0.5	< 2	0.07	< 0.5	7	35	23	6.54	< 10	< 1	0.05	10	0.47
88240	201 238	< 5	220	3.38	< 0.2	< 5	100	< 0.5	< 2	0.04	< 0.5	3	22	11	4.25	< 10	< 1	0.05	< 10	0.27
88241	201 238	5	1800	2.19	< 0.2	410	100	< 0.5	< 2	0.28	< 0.5	17	29	18	4.68	< 10	< 1	0.12	20	0.53
88242	201 238	< 5	350	2.82	< 0.2	275	140	< 0.5	< 2	0.32	< 0.5	26	28	24	5.18	< 10	< 1	0.08	20	0.83
88243	201 238	< 5	6200	2.15	< 0.2	215	130	< 0.5	< 2	0.59	< 0.5	8	21	25	4.64	< 10	< 1	0.02	10	0.18
88244	201 238	< 5	1800	2.78	< 0.2	245	130	< 0.5	< 2	0.40	< 0.5	19	31	28	4.52	< 10	< 1	0.10	20	1.01
88245	201 238	< 5	1200	3.32	0.4	115	200	< 0.5	< 2	0.40	1.0	25	19	14	3.86	< 10	< 1	0.04	20	0.45
88246	201 238	< 5	4200	2.97	< 0.2	145	120	< 0.5	2	0.41	< 0.5	27	36	25	5.16	< 10	< 1	0.05	20	0.60
88247	201 238	< 5	7100	1.87	< 0.2	75	140	< 0.5	2	0.29	< 0.5	14	23	16	3.98	< 10	< 1	0.09	10	0.45
88248	201 238	< 5	4100	2.35	< 0.2	45	150	< 0.5	< 2	0.45	< 0.5	15	24	18	3.71	< 10	< 1	0.10	10	0.65
88300	201 238	< 5	1000	4.37	< 0.2	< 5	90	< 0.5	< 2	0.05	< 0.5	6	22	13	5.05	< 10	< 1	0.03	10	0.35
88301	201 238	< 5	80	3.42	< 0.2	5	250	< 0.5	< 2	0.03	< 0.5	5	57	6	8.38	< 10	< 1	0.25	10	0.45
88302	201 238	< 5	260	3.61	< 0.2	< 5	90	< 0.5	< 2	0.04	< 0.5	6	34	24	3.90	< 10	< 1	0.07	10	0.58
88303	201 238	< 5	100	6.09	< 0.2	< 5	130	< 0.5	< 2	0.03	< 0.5	15	93	26	5.11	< 10	< 1	0.03	10	1.23
88304	201 238	< 5	740	2.80	< 0.2	40	170	< 0.5	4	0.40	< 0.5	10	26	12	5.24	< 10	< 1	0.12	10	0.74
88305	201 238	< 5	470	3.25	< 0.2	50	100	< 0.5	< 2	0.04	< 0.5	5	45	17	6.38	< 10	< 1	0.09	10	0.32
88306	201 238	< 5	260	4.47	< 0.2	15	180	< 0.5	< 2	0.07	< 0.5	12	62	21	6.81	< 10	< 1	0.15	10	0.56
88307	201 238	< 5	200	4.45	< 0.2	25	430	< 0.5	< 2	0.74	< 0.5	41	50	9	6.67	< 10	< 1	0.26	20	0.53
88308	201 238	< 5	190	3.72	< 0.2	< 5	300	< 0.5	< 2	0.07	< 0.5	6	48	5	6.42	< 10	< 1	0.17	10	0.40
88309	201 238	< 5	120	2.99	< 0.2	30	290	< 0.5	2	0.43	< 0.5	15	39	7	5.15	< 10	< 1	0.26	10	0.61
88310	201 238	5	380	5.60	< 0.2	65	50	< 0.5	< 2	0.05	< 0.5	30	83	238	5.72	< 10	< 1	0.01	10	2.64
88311	201 238	< 5	160	3.68	< 0.2	60	320	< 0.5	< 2	0.04	< 0.5	4	34	8	6.62	< 10	< 1	0.09	< 10	0.30
88312	201 238	< 5	100	2.32	< 0.2	5	280	< 0.5	< 2	0.04	< 0.5	3	25	5	4.25	< 10	< 1	0.14	< 10	0.24
88313	201 238	< 5	90	4.73	< 0.2	70	280	< 0.5	< 2	0.03	< 0.5	5	36	10	5.94	< 10	< 1	0.06	10	0.33
88315	201 238	< 5	290	4.28	< 0.2	65	100	< 0.5	< 2	0.02	< 0.5	6	58	28	6.24	< 10	< 1	0.05	10	0.34
88316	201 238	< 5	100	5.06	< 0.2	45	210	< 0.5	2	0.02	< 0.5	11	141	16	6.31	< 10	< 1	0.11	10	0.75
88317	201 238	< 5	80	4.79	< 0.2	60	60	< 0.5	< 2	0.02	< 0.5	7	57	23	6.81	< 10	< 1	0.06	10	0.41
88318	201 238	< 5	90	2.50	< 0.2	55	10	< 0.5	< 2	0.02	< 0.5	11	245	6	8.87	< 10	< 1	< 0.01	< 10	2.70

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BC



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 BROOKSBANK AVE., NORTH VANCOUVER,  
 BRITISH COLUMBIA, CANADA V7J-2C1  
 PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD

900 - 808 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 3A4

Project: 377  
 Comments: ATTN: J.A. TURNER

**JUN 28 1988**

Page No. : 2-B  
 Tot. Pages: 4  
 Date : 27-JUN-88  
 Invoice #: I-8817343  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8817343

SAMPLE DESCRIPTION	PREP CODE	Mn ppm	Mb 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
88227	201 238	107	2	0.01	13	260	10	< 5	4	6	0.03	< 10	< 10	81	< 5	48
88228	201 238	178	1	0.01	7	320	18	< 5	5	29	0.06	< 10	< 10	98	< 5	44
88229	201 238	239	< 1	0.01	19	230	< 2	< 5	8	12	0.03	< 10	< 10	70	< 5	79
88230	201 238	50	< 1	0.01	2	210	< 2	< 5	4	28	0.08	< 10	< 10	122	< 5	20
88231	201 238	92	2	0.01	3	220	< 2	< 5	8	87	0.05	< 10	< 10	101	< 5	49
88232	201 238	193	< 1	0.01	9	270	< 2	< 5	11	8	0.09	< 10	< 10	113	< 5	50
88233	201 238	191	1	0.01	8	280	4	< 5	8	12	0.03	< 10	< 10	90	< 5	55
88234	201 238	146	1	0.01	2	140	12	< 5	4	7	0.06	< 10	< 10	91	< 5	32
88235	201 238	1055	< 1	0.02	21	680	< 2	< 5	8	64	0.05	< 10	< 10	66	< 5	78
88236	201 238	190	< 1	0.01	15	420	4	< 5	6	33	0.04	< 10	< 10	75	5	85
88237	201 238	99	< 1	0.01	6	180	< 2	< 5	5	42	0.01	< 10	< 10	82	< 5	34
88238	201 238	172	< 1	0.01	14	440	14	< 5	7	48	0.04	< 10	< 10	91	< 5	69
88239	201 238	259	< 1	0.01	9	370	2	< 5	6	22	0.04	< 10	< 10	98	< 5	56
88240	201 238	74	< 1	0.01	6	190	6	< 5	4	19	0.01	< 10	< 10	76	< 5	29
88241	201 238	1290	1	0.02	17	700	6	< 5	7	34	0.01	< 10	< 10	81	< 5	86
88242	201 238	2890	1	0.03	24	640	12	< 5	7	38	0.01	< 10	< 10	76	< 5	98
88243	201 238	636	1	0.01	9	420	26	< 5	4	55	0.02	< 10	< 10	83	< 5	52
88244	201 238	1375	< 1	0.02	22	700	10	< 5	7	40	0.02	< 10	< 10	73	< 5	105
88245	201 238	>10000	2	0.02	17	1560	16	< 5	3	46	0.02	< 10	< 10	61	5	95
88246	201 238	2480	1	0.02	15	790	14	< 5	7	51	0.05	< 10	< 10	104	< 5	85
88247	201 238	1505	< 1	0.02	18	540	6	< 5	5	45	0.01	< 10	< 10	58	< 5	75
88248	201 238	1025	1	0.02	14	460	8	< 5	6	84	0.02	< 10	< 10	54	< 5	69
88300	201 238	120	1	0.01	5	160	6	< 5	5	16	< 0.01	< 10	< 10	70	< 5	67
88301	201 238	222	< 1	0.01	5	290	6	< 5	6	44	0.02	< 10	< 10	90	< 5	37
88302	201 238	141	< 1	0.01	14	190	4	< 5	5	15	0.02	< 10	< 10	57	< 5	74
88303	201 238	235	< 1	0.01	38	230	< 2	< 5	14	22	0.10	< 10	< 10	74	< 5	64
88304	201 238	563	1	0.02	17	330	< 2	< 5	6	160	0.01	< 10	< 10	60	< 5	75
88305	201 238	149	< 1	0.01	11	290	8	< 5	5	26	0.05	< 10	< 10	92	< 5	42
88306	201 238	283	< 1	0.01	15	370	< 2	< 5	10	93	0.07	< 10	< 10	92	< 5	61
88307	201 238	881	< 1	0.05	10	720	4	< 5	14	418	0.07	< 10	< 10	69	< 5	62
88308	201 238	107	< 1	0.01	8	280	< 2	< 5	6	123	0.03	< 10	< 10	80	< 5	47
88309	201 238	827	1	0.03	11	440	4	< 5	5	229	0.03	< 10	< 10	57	< 5	69
88310	201 238	387	2	0.01	184	380	2	< 5	6	13	0.05	< 10	< 10	61	< 5	66
88311	201 238	68	< 1	0.01	2	640	8	< 5	5	42	0.01	< 10	< 10	84	< 5	36
88312	201 238	32	< 1	0.01	5	140	4	< 5	3	46	0.01	< 10	< 10	77	< 5	16
88313	201 238	101	1	0.01	8	200	< 2	< 5	8	28	< 0.01	< 10	< 10	66	< 5	52
88315	201 238	137	1	0.01	15	320	6	< 5	6	15	0.04	< 10	< 10	99	< 5	44
88316	201 238	147	1	0.01	46	230	2	< 5	8	43	0.07	< 10	< 10	110	< 5	49
88317	201 238	177	< 1	0.01	11	240	< 2	< 5	8	7	0.01	< 10	< 10	89	< 5	57
88318	201 238	298	< 1	0.01	64	270	< 2	< 5	4	4	0.10	< 10	< 10	205	< 5	31

CERTIFICATION :

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# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project: 377

Comments: ATTN: J.A. TURNER

JUN 28 1988

Page No.: 3-A

Tot. Pages: 4

Date: 27-JUN-88

Invoice #: I-8817343

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8817343

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Hg ppb	Al %	Ag ppm	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 %
88319	201 238	15	220	4.02	< 0.2	40	110	< 0.5	< 2	1.45	< 0.5	28	212	65	4.34	10	< 1	0.02	20	4.56
88320	201 238	10	230	4.72	< 0.2	70	30	< 0.5	< 2	0.02	< 0.5	8	198	38	6.90	10	< 1	0.02	10	0.63
88321	201 238	10	550	1.76	< 0.2	170	20	0.5	< 2	0.01	< 0.5	11	21	32	5.00	< 10	< 1	0.04	< 10	0.11
88322	201 238	10	520	5.80	< 0.8	65	30	0.5	< 2	0.02	< 0.5	13	35	45	4.56	< 10	< 1	0.04	10	0.64
88323	201 238	10	400	4.81	< 0.2	40	30	0.5	< 2	0.02	< 0.5	9	42	35	6.50	< 10	2	0.03	10	0.43
88324	201 238	10	300	5.67	< 0.2	40	40	1.0	2	0.02	< 0.5	16	50	55	7.78	< 10	< 1	0.06	10	0.74
88325	201 238	10	350	4.95	< 0.2	50	40	0.5	< 2	0.04	< 0.5	8	44	36	6.64	10	< 1	0.05	10	0.52
88326	201 238	< 5	330	7.02	< 0.2	80	50	0.5	< 2	0.04	< 0.5	19	46	38	6.40	< 10	1	0.04	10	0.45
88327	201 238	5	430	5.43	< 0.2	70	80	1.0	2	0.03	< 0.5	10	44	53	8.32	< 10	< 1	0.04	10	0.50
88328	201 238	< 5	340	5.86	< 0.2	50	90	0.5	< 2	0.03	< 0.5	16	41	36	6.35	< 10	2	0.04	10	0.39
88329	201 238	< 5	140	3.67	< 0.2	20	80	0.5	4	0.09	< 0.5	8	23	25	5.46	< 10	< 1	0.09	10	0.62
88330	201 238	< 5	250	4.60	< 0.2	50	120	1.0	< 2	0.36	< 0.5	17	30	33	4.99	10	< 1	0.11	20	0.87
88331	201 238	15	400	3.67	< 0.2	30	140	1.0	< 2	0.29	< 0.5	33	29	58	5.03	10	1	0.17	20	1.16
88332	201 238	< 5	280	3.39	< 0.2	65	150	0.5	< 2	0.29	< 0.5	15	23	25	7.78	< 10	< 1	0.09	20	0.86
88333	201 238	10	360	5.36	< 0.2	55	50	1.0	2	0.02	< 0.5	10	35	34	6.00	< 10	1	0.05	20	0.58
88334	201 238	10	360	6.30	< 0.2	60	30	0.5	4	0.02	< 0.5	13	45	45	7.51	< 10	< 1	0.04	10	0.49
88335	201 238	< 5	310	2.26	< 0.2	15	170	0.5	< 2	0.14	< 0.5	7	13	8	3.94	10	< 1	0.09	20	0.45
88336	201 238	5	280	3.64	< 0.2	10	490	0.5	< 2	0.70	< 0.5	48	89	38	4.24	10	< 1	0.04	20	3.41
88337	201 238	5	400	7.29	< 0.2	5	30	0.5	2	0.02	< 0.5	14	212	23	4.44	< 10	< 1	< 0.01	10	1.23
88338	201 238	< 5	560	7.34	< 0.2	< 5	40	1.0	< 2	0.01	< 0.5	18	47	59	7.32	< 10	< 1	0.08	10	0.63
88339	201 238	< 5	1400	4.04	< 0.2	15	20	0.5	< 2	< 0.01	< 0.5	3	11	7	2.97	10	3	0.02	20	0.09
88340	201 238	< 5	420	4.46	< 0.2	25	50	0.5	< 2	0.02	< 0.5	7	28	34	5.75	< 10	1	0.04	20	0.26
88341	201 238	< 5	860	2.68	< 0.2	495	210	0.5	< 2	0.40	< 0.5	20	25	31	4.69	< 10	< 1	0.11	20	0.73
88342	201 238	< 5	370	3.99	< 0.2	20	20	< 0.5	< 2	0.07	< 0.5	5	32	16	6.76	< 10	< 1	0.06	10	0.40
88343	201 238	< 5	220	3.89	< 0.2	< 5	30	< 0.5	< 2	0.01	< 0.5	5	25	9	6.71	< 10	< 1	0.07	< 10	0.34
88344	201 238	< 5	210	4.81	< 0.2	30	20	< 0.5	< 2	0.02	< 0.5	9	40	18	4.89	< 10	2	0.04	10	0.45
88345	201 238	< 5	1200	4.89	< 0.2	25	20	0.5	< 2	0.01	< 0.5	7	37	15	8.02	< 10	1	0.04	10	0.46
88346	201 238	< 5	770	4.32	< 0.2	1395	30	0.5	< 2	0.01	1.0	19	86	142	9.88	< 10	< 1	0.02	10	0.41
88347	201 238	< 5	820	4.53	< 0.2	285	70	0.5	2	0.08	< 0.5	17	28	31	5.48	< 10	< 1	0.04	10	0.41
88348	201 238	< 5	230	6.57	< 0.2	110	60	1.0	< 2	0.03	< 0.5	14	37	41	6.05	< 10	< 1	0.04	20	0.41
88349	201 238	< 5	190	4.40	< 0.2	270	60	0.5	< 2	0.05	< 0.5	18	28	33	5.78	< 10	< 1	0.05	20	0.46
88350	201 238	< 5	200	2.23	< 0.2	10	240	0.5	2	0.43	< 0.5	17	22	57	4.03	< 10	< 1	0.10	20	0.79
88351	201 238	5	170	4.47	< 0.2	80	40	0.5	< 2	0.05	< 0.5	9	35	24	6.45	10	< 1	0.04	20	0.38
88352	201 238	< 5	90	6.54	0.6	15	70	0.5	4	0.03	< 0.5	27	40	36	7.14	< 10	< 1	0.07	20	0.78
88353	201 238	< 5	140	4.01	< 0.2	< 5	70	0.5	< 2	0.14	0.5	15	35	15	6.89	10	< 1	0.07	20	0.74
88354	201 238	< 5	130	4.30	< 0.2	25	70	1.0	< 2	0.14	< 0.5	22	47	17	6.70	10	< 1	0.04	20	0.53
88355	201 238	< 5	80	2.93	< 0.2	20	60	0.5	2	0.15	< 0.5	11	31	14	6.75	< 10	< 1	0.10	10	0.86
88356	201 238	< 5	70	3.48	< 0.2	< 5	60	0.5	< 2	0.12	< 0.5	20	24	16	3.90	< 10	< 1	0.04	10	0.45
88357	201 238	< 5	80	5.01	< 0.2	65	150	1.5	2	0.39	< 0.5	28	31	40	5.06	< 10	< 1	0.05	30	0.70
88358	201 238	< 5	130	4.78	< 0.2	40	60	0.5	< 2	0.10	< 0.5	14	33	29	5.74	< 10	< 1	0.05	20	0.50

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Project: 377

Comments: ATTN: J.A. TURNER

RECEIVED  
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## CERTIFICATE OF ANALYSIS A8817343

SAMPLE DESCRIPTION	PREP CODE		Mn	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	ppm
88319	201	238	1515	1	0.25	138	380	2	< 5	11	118	0.07	< 10	< 10	73	5	64
88320	201	238	197	1	0.01	35	210	16	< 5	8	3	0.02	< 10	< 10	125	< 5	41
88321	201	238	250	< 1	< 0.01	15	170	< 2	< 5	6	2	< 0.01	< 10	< 10	74	< 5	74
88322	201	238	232	< 1	0.01	21	330	8	< 5	8	3	0.02	< 10	< 10	54	< 5	95
88323	201	238	244	2	0.01	15	460	10	< 5	8	3	< 0.01	< 10	< 10	103	< 5	72
88324	201	238	618	1	0.01	26	360	20	< 5	10	3	0.01	< 10	< 10	98	5	108
88325	201	238	303	1	0.01	14	370	6	< 5	8	5	0.02	< 10	< 10	106	< 5	65
88326	201	238	222	2	0.01	23	270	6	< 5	10	4	0.02	< 10	< 10	106	5	124
88327	201	238	204	2	0.01	14	370	8	< 5	9	5	0.01	< 10	< 10	96	< 5	84
88328	201	238	289	3	0.01	16	330	12	< 5	8	21	0.01	< 10	< 10	88	< 5	105
88329	201	238	195	1	0.01	12	230	8	< 5	5	13	< 0.01	< 10	< 10	87	< 5	70
88330	201	238	739	1	0.02	20	520	2	< 5	8	33	< 0.01	< 10	< 10	71	< 5	84
88331	201	238	1815	1	0.02	28	770	26	< 5	10	25	< 0.01	< 10	< 10	65	< 5	105
88332	201	238	1230	2	0.02	15	450	12	< 5	7	29	< 0.01	< 10	< 10	92	< 5	74
88333	201	238	309	1	0.01	14	550	12	< 5	8	4	< 0.01	< 10	< 10	72	< 5	80
88334	201	238	452	1	0.01	16	1380	< 2	< 5	13	2	< 0.01	< 10	< 10	87	5	90
88335	201	238	288	1	0.02	6	330	6	< 5	3	16	< 0.01	< 10	< 10	63	< 5	56
88336	201	238	871	< 1	0.06	128	590	4	< 5	12	70	0.10	< 10	< 10	56	< 5	49
88337	201	238	191	2	0.01	45	530	< 2	< 5	15	2	0.11	< 10	< 10	71	< 5	29
88338	201	238	335	< 1	0.01	19	750	< 2	< 5	8	2	< 0.01	< 10	< 10	70	< 5	99
88339	201	238	62	4	0.01	1	400	< 2	< 5	3	3	< 0.01	< 10	< 10	36	< 5	38
88340	201	238	133	3	0.01	10	260	10	< 5	5	2	< 0.01	< 10	< 10	86	< 5	57
88341	201	238	1975	< 1	0.02	19	740	16	< 5	8	43	0.01	< 10	< 10	67	< 5	97
88342	201	238	192	< 1	0.01	8	510	10	< 5	7	4	0.04	< 10	< 10	98	< 5	55
88343	201	238	113	1	0.01	6	1250	< 2	< 5	4	1	< 0.01	< 10	< 10	92	< 5	44
88344	201	238	186	2	0.01	11	240	8	< 5	11	2	0.02	< 10	< 10	71	< 5	67
88345	201	238	235	2	0.01	8	360	< 2	< 5	7	2	0.01	< 10	< 10	81	< 5	52
88346	201	238	430	< 1	0.01	93	380	10	< 5	28	2	< 0.01	< 10	< 10	94	< 5	94
88347	201	238	827	2	0.01	14	530	12	< 5	8	10	0.03	< 10	< 10	89	< 5	82
88348	201	238	328	2	0.01	16	410	8	< 5	13	5	0.06	< 10	< 10	95	< 5	78
88349	201	238	755	< 1	0.01	16	500	14	< 5	8	5	0.03	< 10	< 10	81	< 5	73
88350	201	238	641	< 1	0.02	20	1010	10	< 5	8	28	0.14	< 10	< 10	64	< 5	77
88351	201	238	310	1	0.01	10	430	10	< 5	8	5	0.05	< 10	< 10	98	< 5	45
88352	201	238	754	< 1	0.01	29	480	20	< 5	11	4	0.03	< 10	< 10	72	< 5	131
88353	201	238	1385	2	0.01	19	270	4	< 5	8	12	0.15	< 10	< 10	123	< 5	51
88354	201	238	807	2	0.01	13	470	8	< 5	6	15	0.12	< 10	< 10	129	< 5	67
88355	201	238	551	< 1	0.01	20	240	8	< 5	5	12	0.15	< 10	< 10	90	< 5	61
88356	201	238	686	1	0.01	14	430	< 2	< 5	5	14	0.16	< 10	< 10	77	< 5	66
88357	201	238	1570	1	0.02	17	930	14	< 5	9	30	0.23	< 10	< 10	86	< 5	73
88358	201	238	691	2	0.01	13	480	2	< 5	8	12	0.28	< 10	< 10	92	5	65

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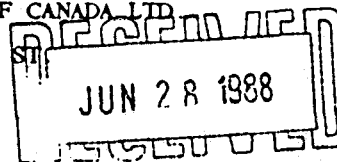
PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project: 377

Comments: ATTN: J.A. TURNER



Page No.: 4-A

Tot. Pages: 4

Date: 27-JUN-88

Invoice #: I-8817343

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8817343

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Hg ppb	Al %	Ag ppm	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 %
			FA-AA																		
88359	201	238	< 5	130	5.06	< 0.2	20	40	1.0	< 2	0.12	< 0.5	8	25	25	5.35	< 10	< 1	0.03	20	0.32
88360	201	238	< 5	210	4.34	< 0.2	35	30	0.5	< 2	0.11	< 0.5	6	29	29	4.94	< 10	< 1	0.03	10	0.52
88361	201	238	< 5	60	4.06	< 0.2	25	50	0.5	< 2	0.12	< 0.5	7	22	28	4.57	< 10	< 1	0.02	10	0.27
88362	201	238	< 5	130	5.63	< 0.2	20	40	1.0	< 2	0.13	< 0.5	8	23	31	4.70	< 10	< 1	0.03	30	0.47
88363	201	238	< 5	80	3.35	< 0.2	10	60	0.5	< 2	0.22	< 0.5	10	20	21	4.79	< 10	< 1	0.03	10	0.46
88364	201	238	< 5	60	4.64	< 0.2	< 5	50	1.0	< 2	0.24	< 0.5	8	22	23	4.42	< 10	< 1	0.03	20	0.47
88365	201	238	< 5	40	4.32	< 0.2	30	40	0.5	< 2	0.07	< 0.5	5	27	21	6.44	< 10	< 1	0.01	10	0.27
88366	201	238	< 5	30	3.69	< 0.2	< 5	50	0.5	< 2	0.06	< 0.5	9	19	22	4.26	< 10	< 1	0.03	10	0.44
88367	201	238	< 5	70	3.09	< 0.2	20	40	0.5	< 2	0.04	< 0.5	7	21	15	6.08	< 10	< 1	0.05	10	0.49
88368	201	238	< 5	30	4.61	< 0.2	25	60	0.5	< 2	0.03	< 0.5	15	31	32	7.31	< 10	< 1	0.06	20	0.63
88369	201	238	< 5	30	4.43	< 0.2	< 5	90	0.5	< 2	0.11	< 0.5	21	33	35	5.05	< 10	< 1	0.04	20	0.75

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Page No. : 4-B

Tot. Pages: 4

Date : 27-JUN-88

Invoice # : I-8817343

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8817343

SAMPLE DESCRIPTION	PREP CODE		Mn	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	ppm
88359	201	238	392	< 1	0.01	7	2070	< 2	< 5	8	11	0.25	< 10	< 10	80	< 5	44
88360	201	238	253	2	0.02	10	360	< 2	< 5	5	15	0.20	< 10	< 10	106	< 5	58
88361	201	238	223	1	0.01	8	330	< 2	< 5	6	18	0.15	< 10	< 10	79	< 5	50
88362	201	238	278	1	0.01	6	450	8	< 5	8	17	0.22	< 10	< 10	83	< 5	58
88363	201	238	383	1	0.02	9	400	< 2	< 5	5	32	0.21	< 10	< 10	95	< 5	50
88364	201	238	287	1	0.02	8	490	6	< 5	8	16	0.20	< 10	< 10	70	< 5	65
88365	201	238	157	2	0.02	6	400	2	< 5	7	13	0.32	< 10	< 10	128	< 5	38
88366	201	238	224	1	0.01	10	240	< 2	< 5	6	8	0.15	< 10	< 10	79	< 5	58
88367	201	238	452	1	0.01	7	340	2	< 5	4	7	0.16	< 10	< 10	106	< 5	47
88368	201	238	806	2	0.01	11	640	< 2	< 5	11	11	0.21	< 10	< 10	88	< 5	75
88369	201	238	931	1	0.01	18	480	12	< 5	8	33	0.08	< 10	< 10	84	< 5	95



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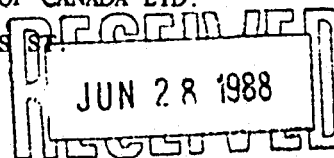
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Date : 27-JUN-88

Invoice #: I-8817343

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8817343

SAMPLE DESCRIPTION	PREP CODE	Mn ppm	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
88359	201 238	392	< 1	0.01	7	2070	< 2	< 5	8	11	0.25	< 10	< 10	80	< 5	44
88360	201 238	253	2	0.02	10	360	< 2	< 5	5	15	0.20	< 10	< 10	106	< 5	58
88361	201 238	223	1	0.01	8	330	< 2	< 5	6	18	0.15	< 10	< 10	79	< 5	50
88362	201 238	278	1	0.01	6	450	8	< 5	8	17	0.22	< 10	< 10	83	< 5	58
88363	201 238	383	1	0.02	9	400	< 2	< 5	5	32	0.21	< 10	< 10	95	< 5	50
88364	201 238	287	1	0.02	8	490	6	< 5	8	16	0.20	< 10	< 10	70	< 5	65
88365	201 238	157	2	0.02	6	400	2	< 5	7	13	0.32	< 10	< 10	128	< 5	38
88366	201 238	224	1	0.01	10	240	< 2	< 5	6	8	0.15	< 10	< 10	79	< 5	58
88367	201 238	452	1	0.01	7	340	2	< 5	4	7	0.16	< 10	< 10	106	< 5	47
88368	201 238	806	2	0.01	11	640	< 2	< 5	11	11	0.21	< 10	< 10	88	< 5	75
88369	201 238	931	1	0.01	18	480	12	< 5	8	33	0.08	< 10	< 10	84	< 5	95

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Tot. Pages: 1

Date: 23-MAY-88

Invoice #: I-8815549

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8815549

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
88-6	299	238	2.56	< 0.2	140	300	0.5	< 2	0.36	< 0.5	19	20	24	4.23	< 10	< 1	0.15	10	0.67	1475	< 1
88-7	299	238	2.31	< 0.2	55	180	0.5	< 2	0.45	< 0.5	15	24	38	3.89	< 10	1	0.11	10	0.87	802	< 1
88-08	299	238	2.40	< 0.2	20	70	0.5	< 2	0.33	< 0.5	24	17	143	4.54	< 10	< 1	0.08	10	0.77	1415	1

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Tot. Pages: 1

Date: 23-MAY-88

Invoice #: I-8815549

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8815549

SAMPLE DESCRIPTION	PREP CODE		Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
88-6	299	238	0.02	15	600	4	< 5	7	34	< 0.01	< 10	< 10	53	5	88
88-7	299	238	0.02	19	750	8	< 5	8	40	0.02	< 10	< 10	63	5	93
88-08	299	238	0.02	15	800	8	< 5	5	21	0.07	< 10	< 10	80	< 5	73

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Project: 377  
Comments:

Page No. : 1  
Tot. Pages: 1  
Date : 25-MAY-88  
Invoice #: I-8815548  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8815548

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	As ppm	Hg ppb						
88-08	201 --	<< 5	10	120						
88-6	201 --	<< 5	160	560						
88-7	201 --	<< 5	57	2200						

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To: NEWMONT EXPLORATION OF CANADA LTD.

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VANCOUVER, B.C.  
V6C 3A4

Project: 01-377-110

Comments: ATTN: J. TURNER

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Tot. Pages: 1

Date: 7-JUN-88

Invoice #: I-8816159

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8816159

SAMPLE DESCRIPTION	PREP CODE	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
		%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
14614	299 238	0.52	< 0.2	> 10 <sup>000</sup>	10	< 0.5	< 2	0.02	< 0.5	24	58	39	5.19	< 10	368	0.03	< 10	0.01	16	<
14615	299 238	0.88	< 0.2	> 10 <sup>000</sup>	50	< 0.5	< 2	0.01	< 0.5	16	53	45	4.17	< 10	160	0.12	< 10	0.01	9	<

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Project: 01-377-110

Comments: ATTN: J. TURNER

Page No. : 1-B

Tot. Pages: 1

Date : 7-JUN-88

Invoice #: I-8816159

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8816159

SAMPLE DESCRIPTION	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
14634	299 238	< 0.01	60	70	12	6240	1	5	< 0.01	< 10	< 10	9	< 5	71
14635	299 238	< 0.01	15	100	8	9530	2	8	< 0.01	< 10	< 10	17	< 5	97

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**CERTIFICATE OF ANALYSIS A8815226**

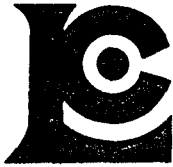
SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	As ppm	Hg ppb								
14634 14635	205 -- 205 --	< 5	> 10000	> 1000000								

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Tot. Pages: 1

Date: 29-MAY-88

Invoice #: I-8815551

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8815551

SAMPLE DESCRIPTION	PREP CODE		Au ppb	As	Hg	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
			FA+AA	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
14636	205	238	20	>10000	>200000	0.33	< 0.2	>10000	< 10	1.0	2	0.02	< 0.5	46	36	64	10.20	< 10	1655	< 0.01	< 10
14637	205	238	5	>10000	>200000	0.40	< 0.2	>10000	40	< 0.5	< 2	0.01	< 0.5	14	20	52	4.61	< 10	1240	0.09	< 10
14638	205	238	10	>10000	79000	0.71	< 0.2	>10000	40	< 0.5	< 2	0.03	< 0.5	23	35	43	3.63	< 10	82	0.09	< 10
14639	205	238	< 5	>10000	96000	0.68	< 0.2	>10000	30	0.5	< 2	0.02	< 0.5	23	29	41	5.05	< 10	98	0.09	< 10
14640	205	238	< 5	>10000	162000	0.59	< 0.2	>10000	30	< 0.5	2	0.07	< 0.5	22	27	32	5.71	< 10	169	0.07	< 10
14641	205	238	< 5	>10000	39000	0.74	< 0.2	>10000	30	< 0.5	< 2	1.30	< 0.5	24	25	48	4.79	< 10	38	0.11	< 10

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Project : 377

Comments:

Page No. : 1-B

Tot. Pages: 1

Date : 29-MAY-88

Invoice # : I-8815551

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8815551

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	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	ppm
14636	205	238	0.02	19	2 < 0.01	< 0.01	181	< 10	16	4550	1	2 < 0.01	20	< 10	13	< 5		75
14637	205	238	0.01	12	1 < 0.01	< 0.01	14	50	4	4580	1	5 < 0.01	10	< 10	12	< 5		67
14638	205	238	0.02	13	1 < 0.01	< 0.01	29	180	40	3200	1	8 < 0.01	< 10	< 10	14	< 5		150
14639	205	238	0.02	12	1 < 0.01	< 0.01	17	140	10	1505	2	11 < 0.01	< 10	< 10	18	< 5		94
14640	205	238	0.02	19	1 < 0.01	< 0.01	22	230	14	>10000	2	10 < 0.01	< 10	< 10	14	< 5		110
14641	205	238	0.46	598	1 < 0.01	< 0.01	24	620	14	140	7	52 < 0.01	< 10	< 10	36	< 5		110

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Comments:

Page No. : 1-A  
Tot. Pages: 1  
Date : 30-MAY-88  
Invoice # : I-8815491  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8815491

SAMPLE DESCRIPTION	PREP CODE	Au oz/T RUSH	As NAA %	Hg %	Al %	Ag ppm	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
14642	236 238	< 0.070	0.040	0.002	1.33	< 0.2	445	50	< 0.5	< 2	4.17	2.0	14	40	41	3.69	< 10	1	0.09	10
14643	236 238	< 0.070	0.054	0.001	1.36	< 0.2	570	30	< 0.5	< 2	4.29	< 0.5	15	30	46	3.48	< 10	2	0.13	10
14644	236 238	< 0.070	0.054	0.001	1.53	< 0.2	560	40	< 0.5	< 2	3.55	< 0.5	14	27	42	3.83	< 10	4	0.09	20
14645	236 238	< 0.070	0.494	0.002	1.50	< 0.2	4280	70	< 0.5	< 2	1.28	< 0.5	19	35	56	3.80	< 10	12	0.15	20
14646	236 238	< 0.070	11.30	0.074	1.71	< 0.2	>10000	20	< 0.5	< 2	0.07	< 0.5	30	56	43	5.82	< 10	555	0.04	< 10
14647	236 238	< 0.070	6.65	0.103	0.69	< 0.2	>10000	20	< 0.5	< 2	0.03	< 0.5	16	22	34	4.89	< 10	652	0.06	< 10
14648	236 238	< 0.070	2.40	0.024	0.80	< 0.2	>10000	50	< 0.5	< 2	0.01	< 0.5	14	13	53	5.51	< 10	174	0.12	< 10

-40-

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212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project: 377

Comments:

Page No. : 1-B

Tot. Pages: 1

Date : 30-MAY-88

Invoice #: I-8815491

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8815491

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	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	ppm
14642	236	238	0.92	1255	< 1	< 0.01	19	700	24	10	8	95	< 0.01	< 10	< 10	74	< 5	493
14643	236	238	1.39	1710	< 1	< 0.01	21	1240	26	10	8	92	< 0.01	< 10	< 10	67	< 5	139
14644	236	238	1.46	856	< 1	< 0.01	16	950	14	5	7	107	< 0.01	< 10	< 10	62	< 5	114
14645	236	238	0.89	621	< 1	< 0.01	44	670	24	80	8	44	< 0.01	< 10	< 10	65	< 5	136
14646	236	238	0.04	65	< 1	< 0.01	132	210	18	4990	2	5	< 0.01	10	< 10	29	< 5	104
14647	236	238	0.01	71	< 1	< 0.01	58	240	16	3320	4	6	< 0.01	10	< 10	15	< 5	104
14648	236	238	0.02	51	< 1	< 0.01	23	40	10	400	4	5	< 0.01	10	< 10	16	< 5	91

-41-

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LABORATORY

*[Handwritten signature]*



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 212 BROOKSBANK AVE., NORTH VANCOUVER,  
 BRITISH COLUMBIA, CANADA V7J-2C1  
 PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 3A4

Project: 01-377-110

Comments: ATTN: J. TURNER

Page No.: 1-A

Tot. Pages: 1

Date: 7-JUN-88

Invoice #: I-8816159

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8816159

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mb
			%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm
14677	299	238	0.26	< 0.2	>10000	20	< 0.5	< 2	0.11	< 0.5	20	16	271	4.01	< 10	451	0.06	< 10	0.02	55	2
14678	299	238	0.23	< 0.2	>10000	10	< 0.5	< 2	0.08	< 0.5	15	23	46	5.07	< 10	339	0.03	< 10	0.01	17	1
14679	299	238	0.25	< 0.2	>10000	10	< 0.5	< 2	0.05	< 0.5	11	20	31	2.94	< 10	615	0.04	< 10	< 0.01	10	1

-67-

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To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project: 01-377-110

Comments: ATTN: J. TURNER

Page No. : 1-B

Tot. Pages: 1

Date : 7-JUN-88

Invoice #: I-8816159

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8816159

SAMPLE DESCRIPTION	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
14677	299 238	< 0.01	31	340	< 2	3340	< 1	6	< 0.01	< 10	< 10	7	< 5	75
14678	299 238	< 0.01	38	310	< 2	4440	< 1	5	< 0.01	< 10	< 10	5	< 5	66
14679	299 238	< 0.01	36	220	8	9180	< 1	4	< 0.01	< 10	< 10	5	< 5	63

ROCK SAMPLE RESULTS

-43-

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PHONE (604) 964-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project : 01-377-110

Comments: ATTN: J. TURNER

Page No. : 1

Tot. Pages: 1

Date : 17-JUN-88

Invoice # : I-8816158

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8816158

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	As NAA %	Hg %	Sb NAA %						
14677	208 --	> 0.002	11.40	0.114	0.515						
14678	208 --	>> 0.002	11.70	0.060	0.625						
14679	208 --	> 0.002	11.80	0.136	1.240						

-44-

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 PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 3A4

Project: 377  
 Comments:

Page No. : 1  
 Tot. Pages: 1  
 Date : 26-SEP-88  
 Invoice #: I-8823342  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8823342

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	As NAA %								
14634	214 ---	10	13.70								
14635	214 ---	10	3.36								
14636	214 ---	15	11.50								
14637	214 ---	5	20.5								
14638	214 ---	15	2.28								
14639	214 ---	10	1.430								
14640	214 ---	5	5.62								
14641	214 ---	5	-----								
14642	214 ---	40	-----								
14643	214 ---	15	-----								
14644	214 ---	20	-----								
14645	214 ---	25	-----								
14646	214 ---	25	-----								
14647	214 ---	15	-----								
14648	214 ---	20	-----								
14677	214 ---	15	-----								
14678	214 ---	10	-----								
14679	214 ---	< 5	-----								

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 [Signature]

*John Bickler*





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BRITISH COLUMBIA, CANADA V7J-2C1

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To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project: 01-377-110

Comments: ATTN: J. TURNER

Page No.: 1-A

Tot. Pages: 1

Date: 9-JUN-88

Invoice #: I-8816157

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8816157

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Hg ppb	Al %	Ag ppm	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 %
14663	205 238	5	70	2.62	0.2	535	200	0.5	< 2	0.52	< 0.5	10	52	33	3.76	< 10	< 1	0.45	20	0.82
14664	205 238	5	40	2.34	0.2	15	90	0.5	< 2	0.92	< 0.5	9	38	22	3.79	< 10	< 1	0.21	20	1.24
14665	205 238	10	20	2.14	0.2	20	80	< 0.5	< 2	2.08	< 0.5	10	39	39	3.65	< 10	< 1	0.19	10	1.28
14666	205 238	10	100	2.79	0.2	25	110	< 0.5	< 2	4.29	< 0.5	15	33	21	4.55	10	< 1	0.31	< 10	1.60
14667	205 238	10	110	1.94	0.4	30	110	< 0.5	< 2	4.04	< 0.5	15	40	51	3.27	< 10	< 1	0.22	< 10	1.16
14668	205 238	< 5	200	2.32	0.2	300	80	0.5	< 2	1.13	< 0.5	20	66	37	4.32	< 10	< 1	0.18	20	0.99
14669	205 238	< 5	100	2.27	0.4	45	140	< 0.5	< 2	2.54	< 0.5	18	75	39	4.14	< 10	< 1	0.19	10	1.47
14670	205 238	10	300	2.14	0.4	110	240	< 0.5	< 2	0.53	< 0.5	18	106	44	4.10	< 10	< 1	0.24	20	0.93
14671	205 238	10	530	2.49	0.2	100	200	< 0.5	2	0.48	< 0.5	19	90	53	5.02	< 10	< 1	0.34	20	0.82
14672	205 238	10	500	2.43	0.2	120	150	< 0.5	< 2	0.21	< 0.5	18	47	40	4.64	< 10	1	0.25	10	0.56
14673	205 238	5	450	1.93	0.2	20	180	< 0.5	2	3.58	< 0.5	16	77	39	3.73	< 10	4	0.19	< 10	1.42
14674	205 238	< 5	80	1.72	0.2	20	120	< 0.5	2	3.79	< 0.5	11	82	33	3.06	< 10	1	0.15	< 10	1.34
14675	205 238	10	150	1.34	0.2	40	60	< 0.5	< 2	7.83	< 0.5	10	73	35	3.41	< 10	< 1	0.14	< 10	1.49
14676	205 238	10	100	1.87	0.2	25	170	< 0.5	< 2	2.66	< 0.5	15	85	35	3.39	< 10	2	0.16	< 10	1.43
14680	205 238	1750	—	0.98	1.4	865	80	< 0.5	< 2	0.23	< 0.5	11	39	31	2.66	< 10	< 1	0.26	20	0.26
14681	205 238	165	—	1.47	0.2	145	130	< 0.5	< 2	0.30	< 0.5	9	68	16	2.57	< 10	1	0.45	10	0.79
14682	205 238	< 5	—	0.63	< 0.2	< 5	60	< 0.5	< 2	0.37	< 0.5	4	117	6	1.02	< 10	< 1	0.27	10	0.43
14683	205 238	10	—	1.01	< 0.2	< 5	10	< 0.5	< 2	1.31	< 0.5	7	203	29	1.46	< 10	1	0.01	< 10	0.68
14684	205 238	30	—	2.44	< 0.2	5	20	< 0.5	< 2	3.55	< 0.5	11	109	17	3.06	< 10	< 1	0.03	< 10	1.71
14685	205 238	< 5	—	2.67	< 0.2	< 5	130	< 0.5	< 2	4.90	< 0.5	17	129	15	3.20	< 10	< 1	0.02	< 10	2.14
14691	205 238	10	340	1.73	< 0.2	30	40	1.0	< 2	0.13	< 0.5	3	27	4	2.73	10	< 1	0.35	30	0.37

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146-97



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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 3A4

Project: 01-377-110  
Comments: ATTN: J. TURNER

Page No. : 1-B  
Tot. Pages: 1  
Date : 9-JUN-88  
Invoice #: I-8816157  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8816157

SAMPLE DESCRIPTION	PREP CODE		Mn	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	ppm
14663	205	238	563	1	0.04	28	680	16	< 5	8	43	< 0.01	< 10	< 10	80	< 5	111
14664	205	238	498	< 1	0.04	12	740	8	< 5	6	56	0.06	< 10	< 10	89	< 5	74
14665	205	238	480	< 1	0.04	20	810	< 2	< 5	7	118	0.01	< 10	< 10	86	< 5	74
14666	205	238	814	< 1	0.06	8	1000	2	< 5	9	186	0.02	< 10	< 10	120	< 5	78
14667	205	238	690	2	0.05	19	960	6	< 5	11	190	0.14	< 10	< 10	108	< 5	97
14668	205	238	639	1	0.03	38	710	< 2	< 5	10	65	< 0.01	< 10	< 10	106	< 5	79
14669	205	238	745	< 1	0.09	31	710	4	< 5	13	323	0.06	< 10	< 10	136	< 5	78
14670	205	238	936	< 1	0.07	30	560	6	< 5	13	41	0.01	< 10	< 10	102	< 5	69
14671	205	238	1145	< 1	0.07	33	660	< 2	< 5	16	43	0.01	< 10	< 10	114	< 5	82
14672	205	238	577	< 1	0.04	27	560	6	< 5	12	17	< 0.01	< 10	< 10	77	< 5	76
14673	205	238	889	< 1	0.06	18	710	2	< 5	11	131	0.02	< 10	< 10	96	< 5	59
14674	205	238	930	< 1	0.14	18	690	4	< 5	9	75	0.15	< 10	< 10	96	< 5	58
14675	205	238	1465	< 1	0.14	26	520	4	< 5	8	213	0.04	< 10	< 10	69	< 5	77
14676	205	238	736	3	0.14	33	610	6	< 5	13	124	0.04	< 10	< 10	105	< 5	61
14680	205	238	481	1	0.03	19	470	4	5	7	20	0.02	< 10	< 10	157	< 5	32
14681	205	238	400	< 1	0.03	24	490	< 2	< 5	5	20	0.16	< 10	< 10	89	< 5	35
14682	205	238	204	< 1	0.04	10	210	2	< 5	2	12	0.05	< 10	< 10	25	< 5	16
14683	205	238	382	< 1	0.02	6	110	4	< 5	2	42	< 0.01	< 10	< 10	22	< 5	19
14684	205	238	735	< 1	0.06	9	230	2	< 5	6	129	< 0.01	< 10	< 10	56	< 5	44
14685	205	238	801	< 1	0.03	13	220	< 2	< 5	9	171	< 0.01	< 10	< 10	64	< 5	42
14691	205	238	450	3	0.06	1	660	4	< 5	2	6	< 0.01	< 10	< 10	14	< 5	35

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CERTIFICATION :

# VICTORY ZONE

GK-2

STEVEN  
(NEWMONT)

SPAGODORO

ROAD

SOIL  
675 As  
2400 Hg

2m 11.70% As  
.63% Sb  
.06% Hg  
15 ppb Au  
realgar 15-20%  
stibnite 1-5%  
pyrite 1-3%

0 5m

KING

GHOST  
CREEK

To Queen Charlotte  
City

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,413

## STEVEN CLAIMS UPPER CRETACEOUS

- 6 CONGLOMERATE
- 5 Q.F.P
- 4 SANDSTONE  
SILTSTONE

## MIDDLE JURASSIC

- 3 VOLCANICS  
SANDSTONES

## LOWER JURASSIC

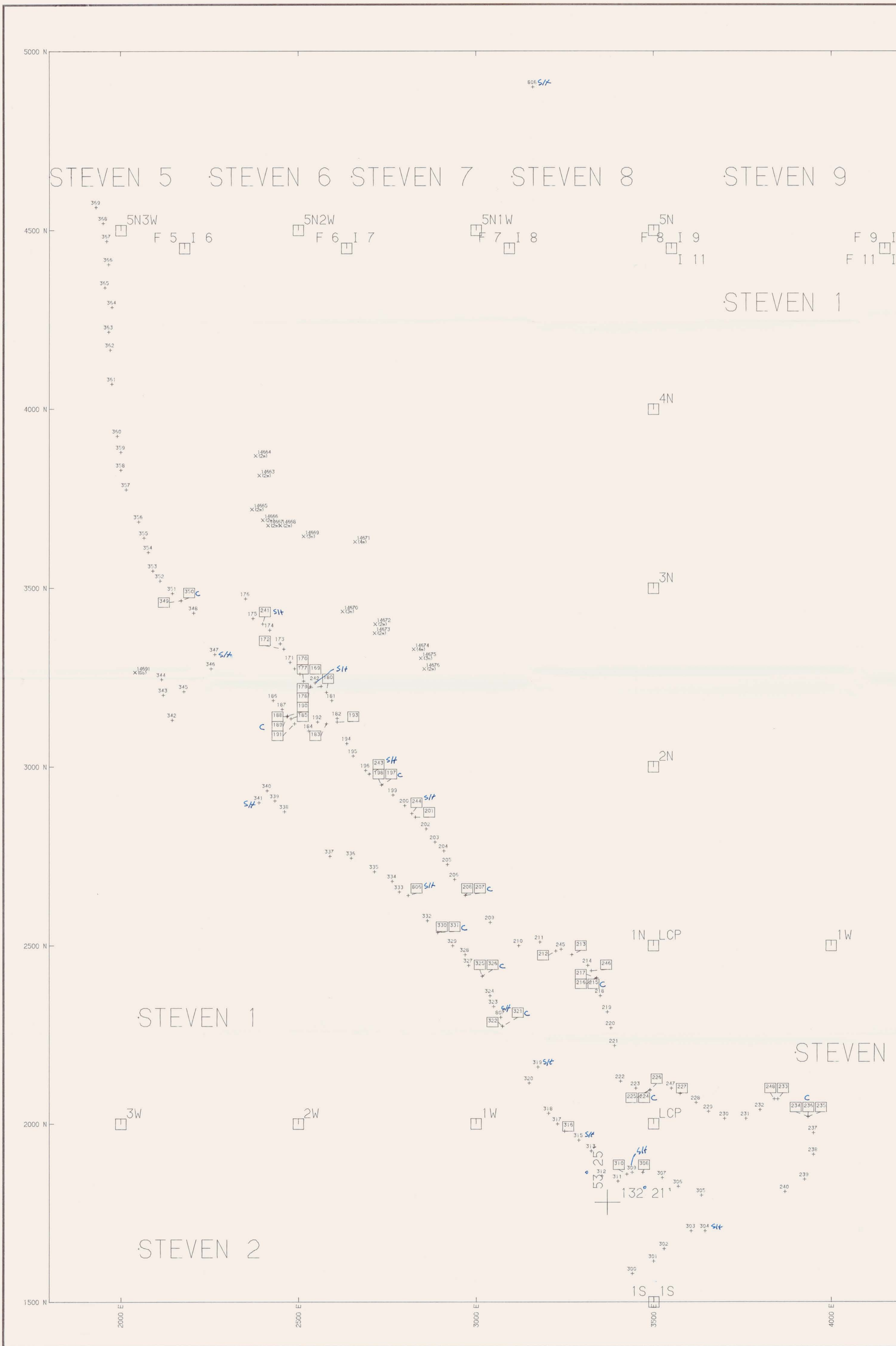
- 2 SEDIMENTS
- 1 MINERALIZATION

- ~ STREAM
- ROAD
- ~ FAULT
- ~ OUTCROP
- ~ GEOLOGICAL CONTACT

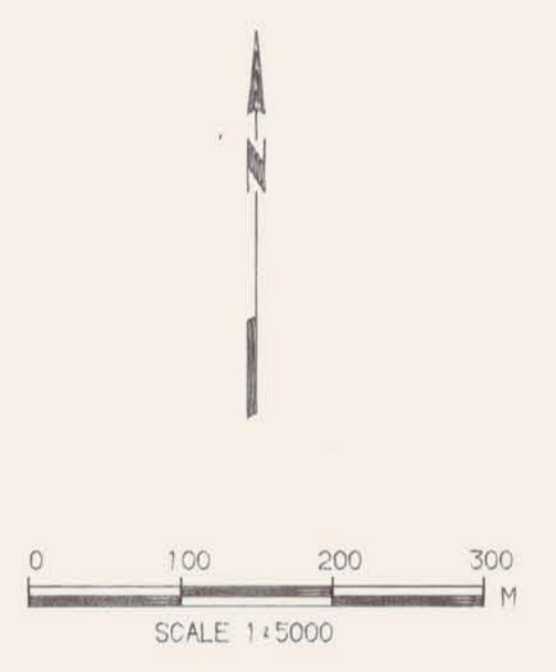
SCALE

0 500 1000 1500m

NEWMONT EXPLORATION OF CANADA		
QCI PROJECT		
STEVEN CLAIMS-GEOLOGY		
SKEENA MINING DIVISION		
SCALE: 1:10000	LOCATION: 103 F/8	DATE: JAN 30, 1989
SURVEY BY: J.A.T	DRAWN BY: I.G.C	NO: Fig 3



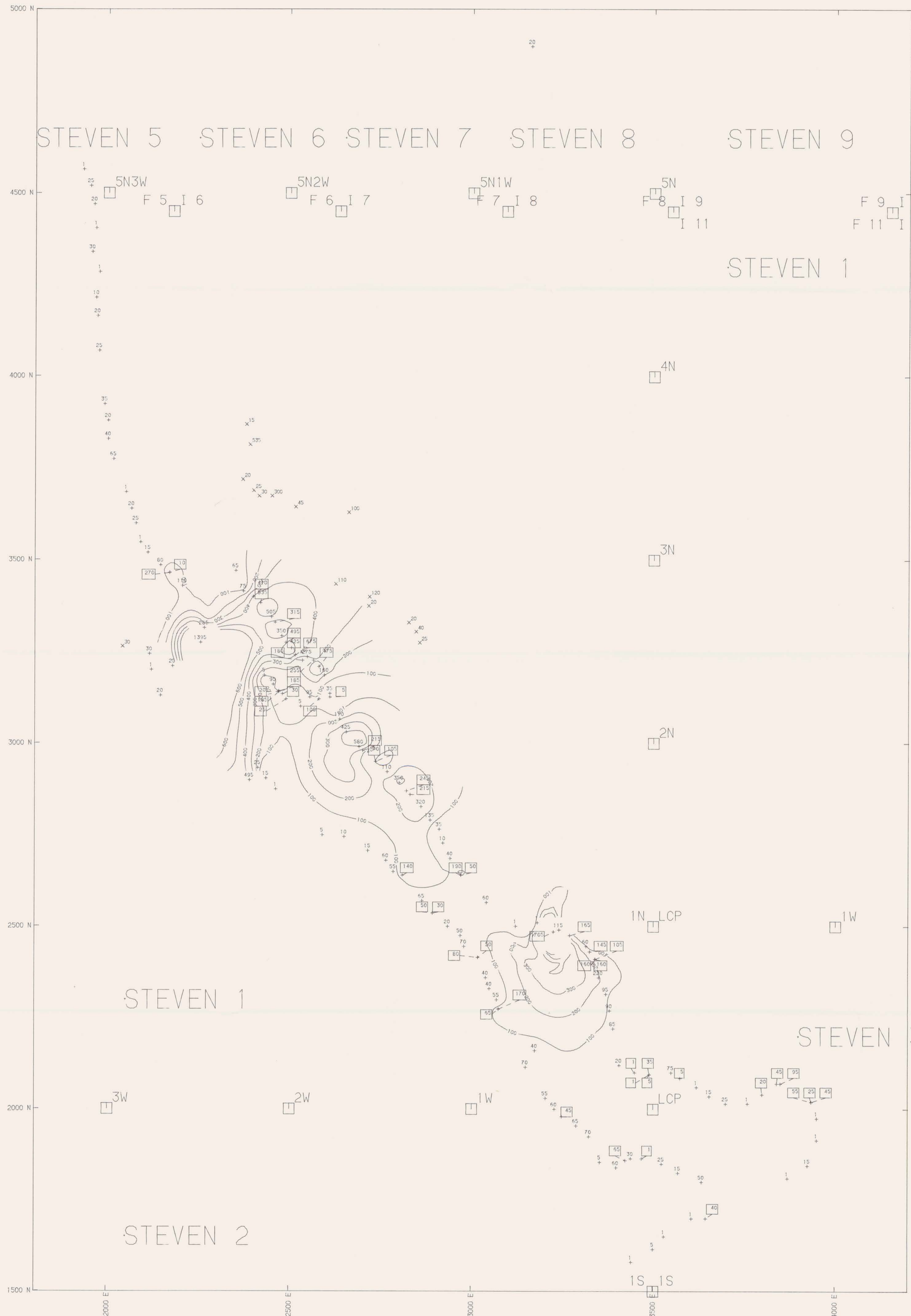
STEVEN CLAIMS SOIL--ROCK SURVEY  
 187  
 + SOIL SAMPLE STATION (silt) Silt sample  
 14670 (3m)  
 x ROCK SAMPLE STATION (Nith)  
 I 6 Initial Post Steven 6  
 F 5 Final Post Steven 5  
 SAMPLE DEPTH: 15-40 CM  
 SAMPLED HORIZON: B and in part C  
 SAMPLING METHOD: Mattock and Trowel  
 ANALYSIS/DIGESTION: 30 ELEMENT 1.C.P./  
 3:1:3/HNO<sub>3</sub>+HCL+H<sub>2</sub>O  
 ANALYSIS/DIGESTION: for Au M.I.B.K./  
 AQUA REGIA rocks FA+AA  
 SOIL HORIZONS: (CM) A=2-5 B=5-10 C=0-100  
 SOIL PROFILE: B HORIZON SAMPLE  
 C --- C HORIZON SAMPLE



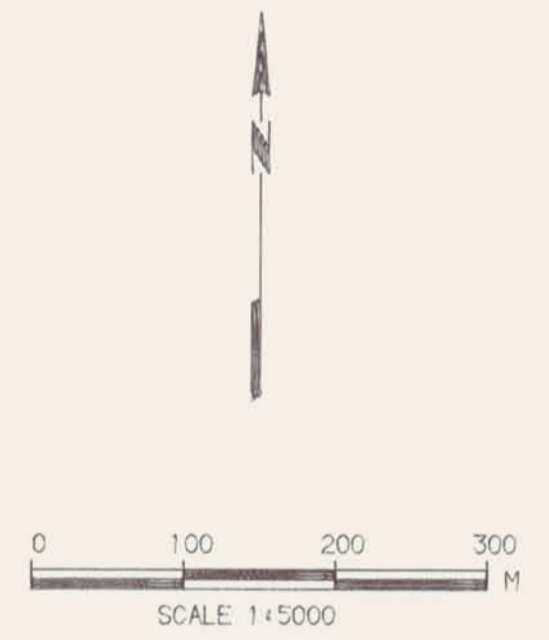
GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

18,413

NEWMONT EXPLOR. OF CANADA LTD.  
 STEVEN CLAIMS SAMPLE LOCATIONS  
 --SKEENA MINING DIVISION--  
 SCALE: 1:5000 LOCATION: DATE: JAN 30, 1989  
 SURVEY BY: J. A. TURNER DRAWN BY: J. A. TURNER MAP NO: 1



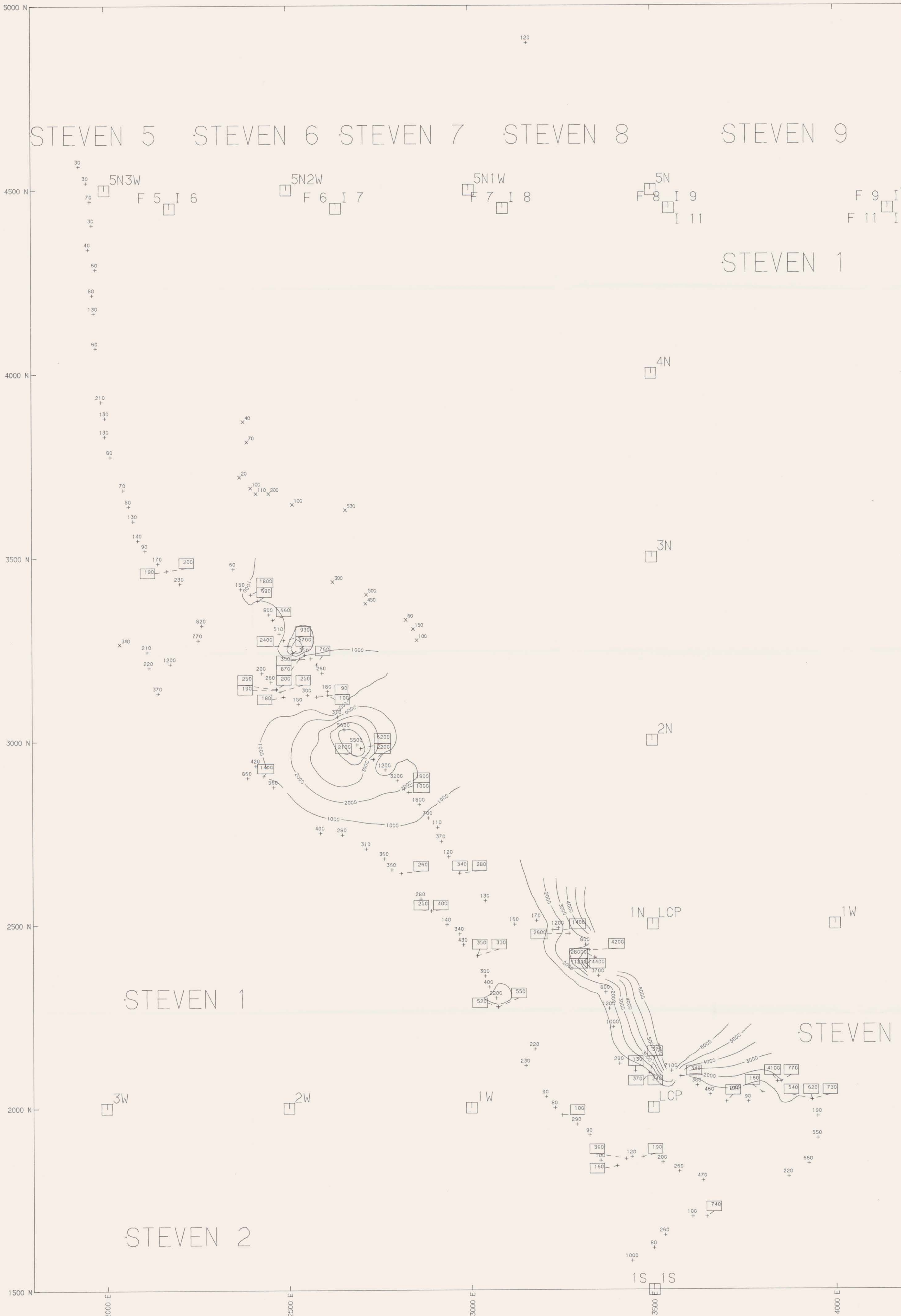
STEVEN CLAIMS SOIL--ROCK SURVEY  
 675 TOTAL 152 Soils, 33 Rocks  
 + SOIL SAMPLE STATION (sit) Silt sample  
 110  
 X ROCK SAMPLE STATION  
 I 6 Initial Post Steven 6  
 F 5 Final Post Steven 5  
 SAMPLE DEPTH: 15-40 CM  
 SAMPLED HORIZON: B and in part C  
 SAMPLING METHOD: Mattock and Trowel  
 ANALYSIS/DIGESTION: 30 ELEMENT I.C.P./  
 3:1:3/HNO<sub>3</sub>+HCL+H<sub>2</sub>O  
 ANALYSIS/DIGESTION: for Au M.I.B.K./  
 AQUA REGIA rocks FA+AA  
 SOIL HORIZONS: (CM) A:2-5 B:5-10 C:0-100  
 CONTOUR INTERVAL: 100 ppm  
 ANOMALOUS: SOILS:30ppm, ROCKS:30ppm



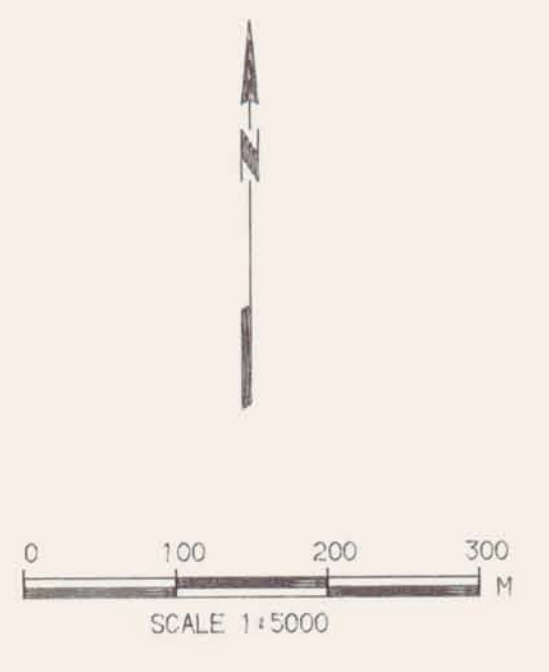
GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

18,413

NEWMONT EXPLOR. OF CANADA LTD.		
STEVEN CLAIMS	ARSENIC (ppm)	
--SKEENA MINING DIVISION--		
SCALE: 1:5000	LOCATION: 103F/6	DATE: JAN 30, 1989
SURVEY BY: J. A. TURNER	DRAWN BY: J. A. TURNER	MAP NO: 2



STEVEN CLAIMS SOIL--ROCK SURVEY  
 100 TOTAL 152 Soils, 33 Rocks  
 + SOIL SAMPLE STATION (git) Silt sample  
 100  
 X ROCK SAMPLE STATION  
 I 6 Initial Post Steven 6  
 F 5 Final Post Steven 5  
 SAMPLE DEPTH: 15-40 CM  
 SAMPLED HORIZON: B and in part C  
 SAMPLING METHOD: Mattock and Trowel  
 ANALYSIS/DIGESTION: 30 ELEMENT I.C.P./  
 3:1:3/HNO<sub>3</sub>+HCL/H<sub>2</sub>O  
 ANALYSIS/DIGESTION: for Au M.I.B.K./  
 AQUA REGIA rocks FA+AA  
 SOIL HORIZONS: (CM) A1-5 B1-10 C1-100  
 CONTOUR INTERVAL: 1000 ppb  
 ANOMALOUS: SOILS:ROCKS:1000ppb



GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

18,413

NEWMONT EXPLOR. OF CANADA LTD.

STEVEN CLAIMS MERCURY (ppb)

--SKEENA MINING DIVISION--

SCALE: 1:5000	LOCATION: 103F/8	DATE: JAN 30, 1989
SURVEY BY: J.A. TURNER	DRAWN BY: J.A. TURNER	MAP NO: 3

