

Yo - # 376 - 718142

Report No.  
N.T.S. 92-0-1  
Lat. 51°11' North  
Long. 122° 08' West

REPORT ON THE PERCUSSION DRILLING OF THE

BIG BAR PROPERTY

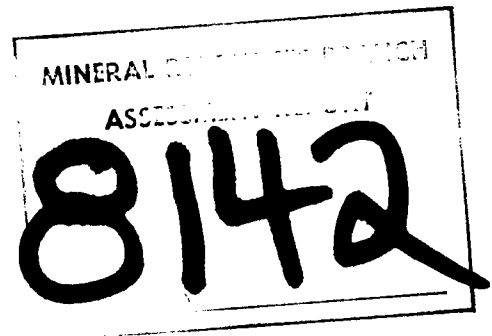
(BIG BAR AND BIG BAR TOO CLAIMS)

CLINTON MINING DIVISION

BRITISH COLUMBIA

BY

KERR ADDISON MINES LTD.  
703 - 1112 W. PENDER ST.,  
VANCOUVER, BRITISH COLUMBIA



June 20, 1980

J.T. Neelands

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## INTRODUCTION

Big Bar and Big Bar Too claims were staked to cover veined gossan zones that contain 360 ppb Au and 800 ppm As. To-date, thirty percussion drill holes totalling 1,635 metres, have been drilled to determine the gold content of volcanic hosted quartz carbonate veins.

### LOCATION AND ACCESS

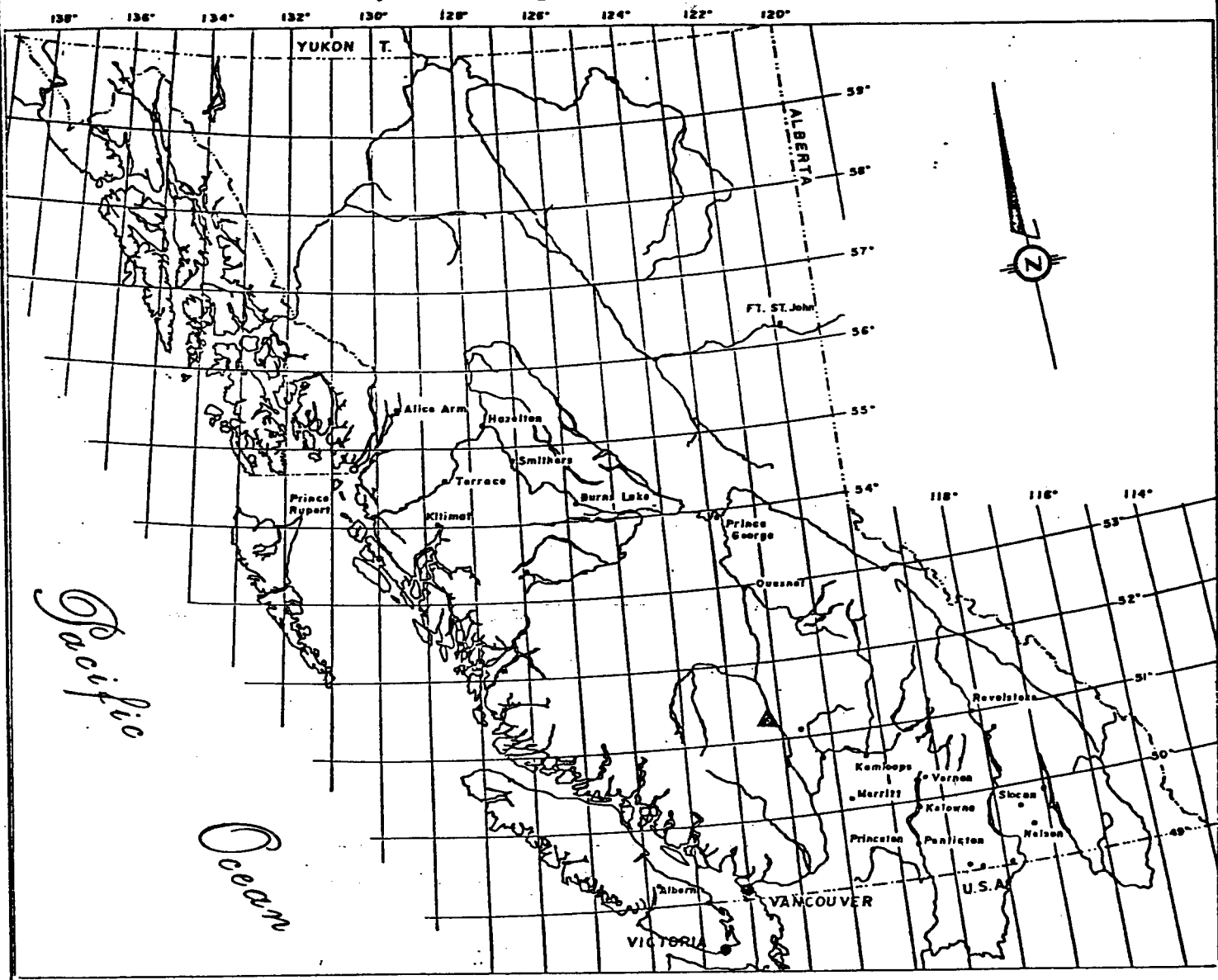
The property is located immediately south of the Fraser River and is opposite Big Bar Creek, a ferry crossing, Figs.1 and 2. It occurs at latitude  $51^{\circ} 11'$  North and longitude  $122^{\circ} 08'$  West. Clinton, the nearest town and the mining recorder for the Division is approximately 40 kilometres east southeast of the property.

Access is by a ranch and logging road which turns west off Hwy.97 8 kilometres north of Clinton. This road leads to the ferry at Big Bar which has a carrying capacity of two vehicles or 10 tons. It is in operation from late May to November, 7 days of the week between 7 a.m. - 12 p.m., 1 p.m. - 5 p.m., and 6 p.m. - 7 p.m. During the winter months access is by a circuitous four wheel drive route which extends north from Lillooet along the west side of the Fraser to Big Bar. This road traverses the property, and has numerous switch backs and steep grades of 15 per cent.

### TOPOGRAPHY AND VEGETATION

The surface of the property dips between 20 and 30 degrees north and northeast towards the Fraser River. Pleistocene river terraces occur up to an elevation of 500 metres, 200 metres above the river. Elevations range from 300 metres at the river to 1100 metres at the southwest corner of claim Big Bar Too.

Vegetation consisting of sage brush and scrub grass predominate below 800 metres elevation. This area is used by ranchers for grazing cattle during the summer months. Above 800 metres fir and pine mixed with minor amounts of poplar predominate.



KERR ADDISON MINES LTD	
✓	BIG BAR PROPERTY BRITISH COLUMBIA
LOCATION MAP	
FIG. <del>1</del> / ✓	DATE - June, 1980 ✓

PROPERTY

The Big Bar and Big Bar Too claims contain 15 and 6 units respectively, Figure 2. Since the initial staking in the summer of 1979, an additional 5 claims totalling 48 units were recorded. Lots 393 and 394 owned by Reynolds Ranch are located opposite Big Bar Creek. The due dates for the claims are listed in the following Table.

TABLE 1. Due Dates of Claims

Claim Name	No. of Units	Due Date
Big Bar	15	June 21, 1980
Big Bar Too	6	July 17, 1980
Big Bar 3	2	April 3, 1981
Big Bar 4	16	" "
Big Bar 6	12	" "
Big Bar 7	12	" "
Big Bar 8	6	" "
Total	69	

PREVIOUS WORK

Prior to the exploration work carried out by Kerr Addison no work has been recorded. During the early 1900's and the 1930's placer mining was carried out extensively along the Fraser near Big Bar. The only published information available is a report by Trettin (1961) and a map by Tipper (1978) on a scale of 1 inch to one mile and 1 to 250,000 respectively.

Percussion Drilling was carried out by H.D. Drilling of Kamloops.

GEOLOGY

Tipper (1978) shows the area to be underlain by a wedge of Upper Cretaceous Kingsvale volcanics in fault contact with Eocene volcanics. Mapping to date has outlined a fault zone which strikes northwest across units 15, 18 and 27. West of this fault zone non-weathered Kingsvale volcanics consisting mainly of purple and grey volcanics strike north and dip to the east between 30 and 50 degrees. East of the fault, Eocene volcanics are weathered and tend to be colored grey and brown. These rocks strike north by northwest and northeast and have random dips. The fault zone contains a mixture of both rock types

122°10'

French Bar Canyon

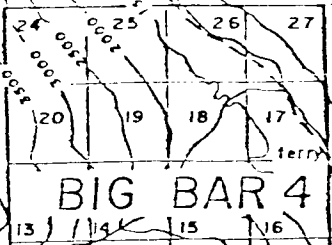


Shaber

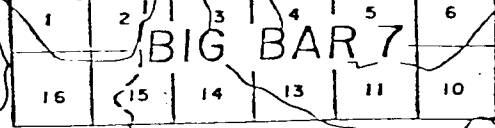
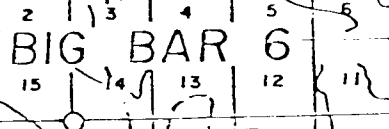
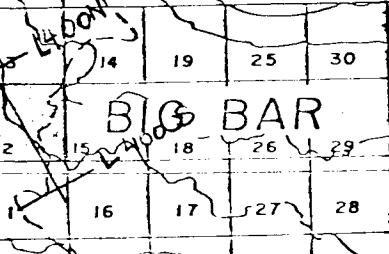
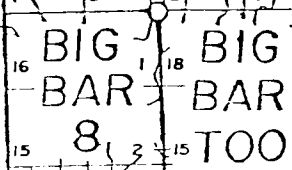
1800  
1000  
2000  
CREEK

122°05'

Mount KOSTERING



**BIG BAR 3**



57°10'

River

WARD CREEK

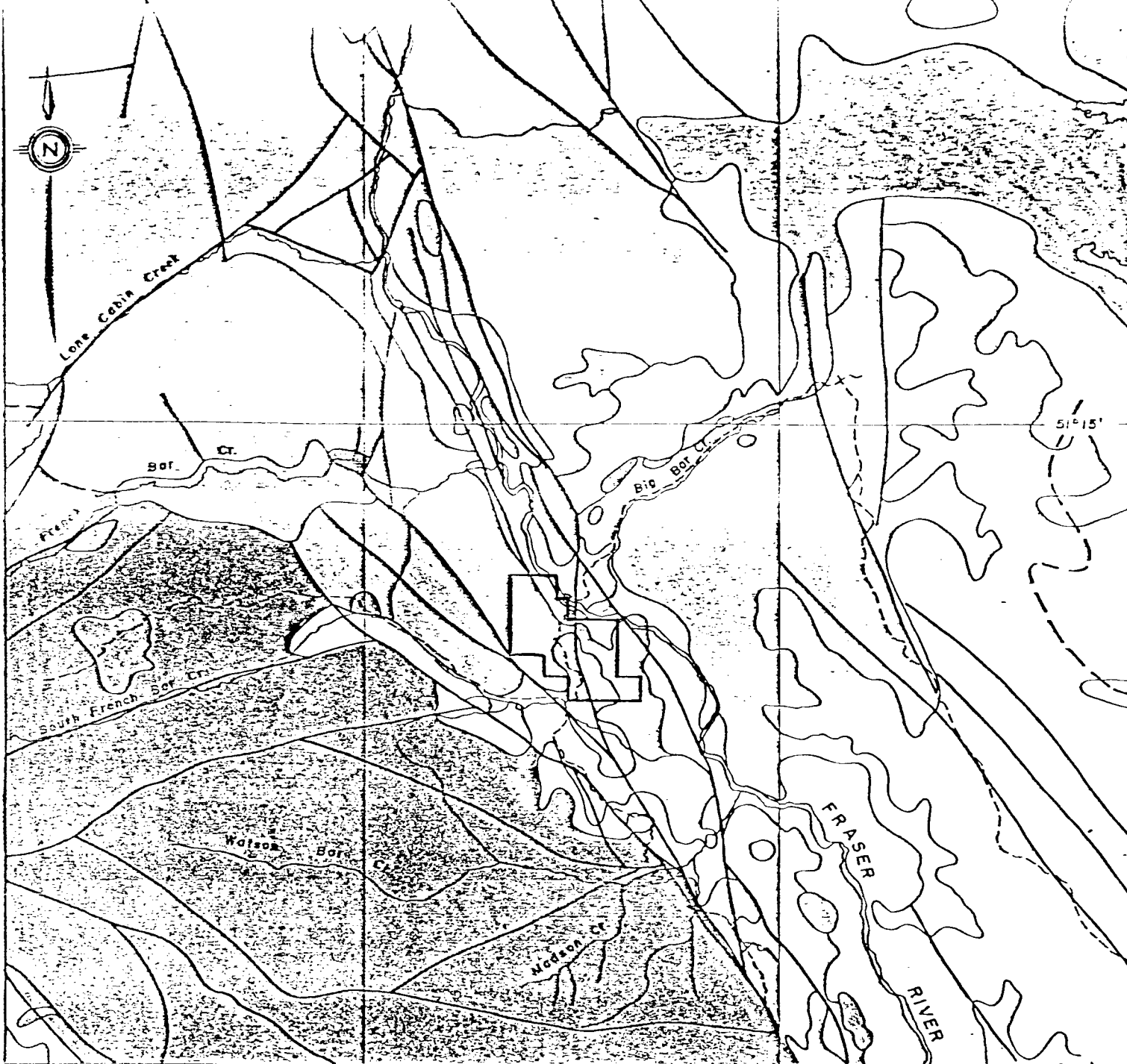
KERR ADDISON MINES LTD

**BIG BAR PROPERTY**

CLINTON M.D., B.C.

**CLAIM MAP**

DRAWN BY F. Haillet	M.T.S 92 0 1 E	DATE: March, 1980	SCALE: 1:50,000	SHEET No. Fig 2
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**LEGEND**

- Quaternary
  - Till, overburden
- Tertiary
  - Basalt
  - Dacite, basalt, rhyolite
- Mesozoic
  - Andesite, dacite, basalt
  - Siltstone, shale, conglomerate
  - Andesite flows, breccia, tuff, siltstone, shale.
- Paleozoic
  - Limestone, argillite, tuff
- Plutonic Rocks - Mesozoic & younger.
  - Granodiorite, quartz-diorite, qtz-monzonite, feldspar porphyry.

KERR ADDISON MINES LTD	
BIG BAR PROPERTY	
REGIONAL GEOLOGY	
SCALE-1:250,000	JUNE, 1980
FIG. 3	

and hydrothermal alteration occurs. Strikes and dips within the fault zone tend to be random. The rocks consist of flows, pyroclastics and volcanic-derived conglomerates and breccias.

#### GEOLOGY OF THE PROPERTY (Unit 2)

On unit 2 of Big Bar Claim the mineralized quartz-carbonate veins occur in the Kingsvale volcanics near the contact between overlying grey-green andesite flows and underlying purple basalt flows and clastics (Fig.4). The contact strikes north and dips 50° to the east.

The grey-green andesite weathers green is magnetic and contains 5 per cent ferromagnesian phenocrysts up to 3 millimetres in length. The dark basalt weathers mauve and contains 3 per cent carbonate amygdules, 3 per cent light green (augite?) phenocrysts and is slightly magnetic. In places the basalt contains 10 per cent red hematite.

#### DRILLING

Percussion drilling by H.D. Drilling of Kamloops has been confined to Unit 2 of the Big Bar claim. The drill holes are plotted on Figs.3 and 4 and the sections and drill map are in Appendices 1 and 11 respectively. Descriptions of the rock types in each 3.1 metre (10 foot) section was obtained by washing a +10 mesh grab sample of a pulverized split. Approximately 5 per cent of the pulverized grab sample is greater than 10 mesh and 90 per cent is less than 10 mesh. The 6.4 cm diameter drill rod returns approximately 15 kilograms of ground rock.



REFERENCES

Tipper, H.W. - Taseko Lakes (92 0) Map-Area  
(1978) G.S.C. Open Files 534

Trettin, H.P. - Geology of the Fraser River Valley Between  
Lillooet and Big Bar Creek, B.C.D.M. Bulletin  
No. 44

AUTHOR'S QUALIFICATIONS

I, J.T. Neelands, of the city of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a Geologist with Kerr Addison Mines Ltd., at 703 - 1112 W. Pender Street, Vancouver, British Columbia, V6E 2S1.

I further certify:

1. I am a graduate of Carleton University (1971) in Ottawa, Canada, and hold a B. Sc., degree in Geology.
2. I have been practising my profession for the past nine years and have been active in the mining industry for the past sixteen years.
3. I am a member of the Geological Association of Canada and of the Association of Exploration Geochemists.

June 17, 1980

A handwritten signature in black ink, appearing to read 'J.T. Neelands', written in a cursive style.

STATEMENT OF EXPENDITURES  
 BY  
 KERR ADDISON MINES LTD.  
 703-1112 W. PENDER STREET  
 VANCOUVER, B.C.  
 V6E 2S1

Salaries	\$7,878.33
Meals and Accomodations	1,819.52
Shipping and Telephone	56.86
Ground Transportation	1,978.35
Air Transportation	380.05
Assaying	3,598.50
Supplies, Provisions	1,166.11
Drilling	38,512.47
Road Construction for drill	3,800.00
Legal	242.50
Sundry	11.23
TOTAL	\$51,565.59

Big Bar 1,299 metres  
 Big Bar Too 336 metres

TOTAL      1,63~~5~~<sub>5</sub> metres

PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-1

Page 1 of 3

Start April 25, 1980 Strike 0 Latitude Base Line

Finish April 25, 1980 Dip 90 Longitude 0.100

Elevation 580 m Metres of Casing 4.6

Depth of Hole 220(67.1m) Moving Time -

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	4.57	Casing						
4.6	59.5	Andesite - dark grey, less than 1% quart-carbonate, slightly magnetic						
		4.6 - 6.1	6001	20	2			
		6.1 - 7.6	6002	10	8			
		7.6 - 9.2	6003	nd	20			
		9.2 - 10.7	6004	nd	2			
		10.7 - 12.2	6005	nd	2			
		12.2 - 13.7	6006	nd	nd			
		13.7 - 15.2	6007	10	2			
		15.2 - 16.8	6008	nd	nd			
		16.8 - 18.3	6009	10	4			
		18.3 - 19.8	6010	nd	4			
		19.8 - 21.3	6011	10	2			
		21.3 - 22.9	6012	nd	4			
		22.9 - 24.4	6013	10	nd			
		24.4 - 26.0	6014	nd	nd			
		26.6 - 27.4	6015	10	2			
		27.4 - 29.0	6016	nd	4			
		29.0 - 30.5	6017	nd	4			
		30.5 - 32.0	6018	nd	nd			

MINERALOGICAL RESEARCH  
ACCOUNTING REPORT  
**8142**

PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-1Page 2 of 3

Start \_\_\_\_\_ Strike \_\_\_\_\_ Latitude \_\_\_\_\_

Finish \_\_\_\_\_ Dip \_\_\_\_\_ Longitude \_\_\_\_\_

Elevation \_\_\_\_\_ Metres of Casing \_\_\_\_\_

Depth of Hole \_\_\_\_\_ Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
4.6	59.5	<u>Andesite (contd.)</u>						
		32.0 - 33.5	6019	nd	nd			
		33.5 - 35.1	6020	10	2			
		35.1 - 36.6	6021	nd	nd			
		36.6 - 38.1	6022	10	2			
		38.1 - 39.6	6023	10	nd			
		39.6 - 41.2	6024	nd	nd			
		41.2 - 42.7	6025	10	10			
		42.7 - 44.2	6026	nd	15			
		44.2 - 45.7	6027	nd	20			
		45.7 - 47.3	6028	nd	35			
		47.3 - 48.8	6029	nd	25			
		48.8 - 50.3	6030	nd	4			
		50.3 - 51.8	6031	nd	nd			
		51.8 - 53.4	6032	10	15			
		53.4 - 54.9	6033	10	15			
		54.9 - 56.4	6034	10	15			
		56.4 - 57.9	6035	nd	15			
		57.9 - 59.5	6036	nd	36			
59.5	67.1	<u>Basalt</u> - mauve powder, oxidized, a few purple fragments, slightly magnetic						
		59.5 - 61.0	6037	10	25			





NO. 8142

PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-3

Page 1 of 2

Start April 26, 1980 Strike 0 Latitude 42 south

Finish April 26, 1980 Dip 90 Longitude 50 west

Elevation 603 metres Metres of Casing 3.1

Depth of Hole 210 (64.0 m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	3.1	Casing						
3.1	57.9	Andesite, dark grey, magnetic no quartz-carbonate fragments						
		3.1 - 6.1	6049	10	15			
		6.1 - 9.2	6050	nd	15			
		9.2 - 12.2	6051	nd	20			
		12.2 - 15.2	6052	nd	nd			
		15.2 - 18.3	6053	nd	nd			
		18.3 - 21.3	6054	nd	4			
		21.3 - 24.3	6055	10	2			
		24.3 - 27.4	6056	10	nd			
		27.4 - 30.5	6057	10	nd			
		30.5 - 33.5	6058	20	nd			
		33.5 - 36.6	6059	10	nd			
		36.6 - 39.6	6060	nd	nd			
		39.6 - 42.7	6061	10	nd			
		42.7 - 45.7	6062	nd	nd			
		45.7 - 48.8	6063	20	20			
		48.8 - 51.8	6064	10	10			
		51.8 - 54.9	6065	nd	10			
		54.9 - 57.9	6066	nd	10			

cont'd.





PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

**8142**

Drill Hole No. 80-4

Page 1 of 1

Start April 26, 1980 Strike 0 Latitude 100 North

Finish April 26, 1980 Dip 90 Longitude 100 East

Elevation 560 m. Metres of Casing 3.1

Depth of Hole 200(61.0 m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	3.1	Casing						
3.1	61.0	Dark grey andesite						
		3.1 - 6.1	6069	nd	2			
		6.1 - 9.2	6070	10	nd			
		9.2 - 12.2	6071	nd	nd			
		12.2 - 15.2	6072	nd	4			
		15.2 - 18.3	6073	nd	2			
		18.3 - 21.3	6074	nd	nd			
		21.3 - 24.3	6075	10	nd			
		24.3 - 27.4	6076	nd	2			
		27.4 - 30.5	6077	nd	7			
		30.5 - 33.5	6078	nd	nd			
		33.5 - 36.6	6079	nd	nd			
		36.6 - 39.6	6080	nd	2			
		39.6 - 42.7	6081	nd	nd			
		42.7 - 45.7	6082	nd	2			
		45.7 - 48.8	6083	20	2			
		48.8 - 51.8	6084	nd	2			
		51.8 - 54.9	6085	nd	nd			
		54.9 - 57.9	6086	nd	nd			
		57.9 - 61.0	6087	nd	2			
61.0		End of hole						

PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-5

Page 1 of 2

**8142**  
NO.

Start April 27, 1980 Strike 0 Latitude 0+00 north

Finish April 27, 1980 Dip 90 Longitude 50 west

Elevation 614 metres Metres of Casing 1.5

Depth of Hole 210 (64.0 m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	1.5	Casing						
1.5	41.2	Grey green andesite, mixture 50% dark grey fragments and 50% green fragments, magnetic, 1% quartz-carbonate fragments						
		1.5 - 3.1	6088	nd	nd			
		3.1 - 6.1	6089	10	nd			
		6.1 - 9.2	6090	10	nd			
		9.2 - 12.2	6091	10	nd			
		12.2 - 15.2	6092	nd	nd			
		15.2 - 18.3	6093	nd	nd			
		18.3 - 21.3	6094	nd	nd			
		21.3 - 24.4	6095	nd	2			
		24.4 - 27.4	6096	nd	2			
		27.4 - 30.5	6097	10	nd			
		30.5 - 33.5	6098	10	2			
		33.5 - 36.6	6099	nd	2			
		36.6 - 39.6	6100	nd	nd			
		39.6 - 42.7	6101	nd	2			
412	64.0	Purple basalt, weakly magnetic						
		50.3 - 61.0 reddish mauve due to weathering or shearing						



PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-6

Page 1 of 2

NO. **8142**

Start April 27, 1980 Strike 0 Latitude 0+00 North

Finish April 27, 1980 Dip 90 Longitude 75 west

Elevation 628 Metres of Casing 1.5

Depth of Hole 200(61.0m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0.0	1.5	Casing						
1.5	24.3	Grey-green andesite, 1 to 3% quartz carbonate, Section 15.2 - 18.3 contains 3% yellow brown siliceous rock, magnetic						
		1.5 - 3.1	6109	10	10			
		3.1 - 6.1	6110	nd	4			
		6.1 - 9.2	6111	10	8			
		9.2 - 12.2	6112	nd	8			
		12.2 - 15.2	6113	10	4			
		15.2 - 18.3	6114	20	45			
		18.3 - 21.3	6115	nd	2			
		21.3 - 24.3	6116	nd	2			
24.3	36.6	Andesite mixed with basalt 50% andesite and 50% basalt (transition zone)						
		24.3 - 24.4	6117	nd	20			
		27.4 - 30.5	6118	nd	15			
		30.5 - 33.5	6119	nd	7			
		33.5 - 36.6	6120	nd	10			
36.6	61.0	Purple basalt minor (30%) andesite 1% quartz carbonate						



PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-7

Page 1 of 2

Start April 29, 1980 Strike 0 Latitude 50 North

Finish April 29, 1980 Dip 0 Longitude 25 West

Elevation 610 Metres of Casing 3.1

Depth of Hole 200(61.0m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	3.1	Casing						
3.1	24.3	Andesite: 60% grey-green and 38% dark grey, 2% quartz-carbonate, magnetic						
		3.1 - 6.1	6129	110	500			
		6.1 - 9.2	6130	nd	35			
		9.2 - 12.2	6131	nd	40			
		12.2 - 15.2	6132	nd	10			
		15.2 - 18.3	6133	nd	20			
		18.3 - 21.3	6134	nd	10			
		21.3 - 24.3	6135	nd	10			
24.3	61.0	Purple basalt, 90% purple, 9% grey- green 1% quartz-carbonate						
		33.5 - 42.7 altered basalt (mauve color predominates)						
		24.3 - 27.4	6136	nd	20			
		27.4 - 30.5	6137	nd	20			
		30.5 - 33.5	6138	10	20			
		33.5 - 36.6	6139	nd	20			
		36.6 - 39.6	6140	nd	10			
		39.6 - 42.7	6141	nd	10			
		42.7 - 45.7	6142	nd	30			





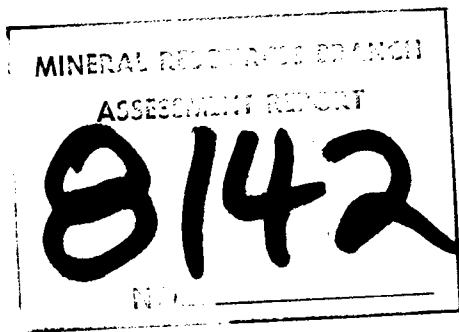












PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-13

Page 1 of 2

Start May 1, 1980 Strike 330° Latitude 300 North

Finish May 1, 1980 Dip -60 Longitude 100 West

Elevation 614m Metres of Casing 4.57

Depth of Hole 200(61.0m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From- m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0.0	4.6	Casing (overburden)						
4.6	36.6	Andesite						
		4.6 - 6.1	6159	10				
		6.1 - 9.2	6160	nd				
		9.2 - 12.2	6161	10				
		12.2 - 15.2	6162	nd				
		15.2 - 18.3	6163	nd				
		18.3 - 21.3	6164	nd				
		21.3 - 24.4	6165	10				
		24.4 - 27.4	6166	10				
		27.4 - 30.5	6167	20				
		30.5 - 33.5	6168	nd				
		33.5 - 36.6	6.69	nd				
36.6	42.7	Basalt						
		36.6 - 39.6	6170	nd				
		39.6 - 42.7	6171	16.70	35.0			
42.7	61.0	Andesite						
		42.7 - 45.7	6172	54.0	12.5			
		45.7 - 48.8	6173	44.90	22.5			
		48.8 - 51.8	6174	3.10	2.3			
		51.8 - 54.9	6175	30				
		54.9 - 57.9	6176	10				



MINERAL RESOURCES DIVISION  
ASSESSMENT REPORT

**8142**  
NO.

PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-14

Page 1 of 2

Start May 8, 1980 Strike 0 Latitude 300 North

Finish May 8, 1980 Dip -90 Longitude 105 West

Elevation 614 Metres of Casing 3.1

Depth of Hole 200(61.0m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	3.1	Casing (overburden)						
3.1	30.5	Andesite						
		3.1 - 6.1	6178	10	120			
		6.1 - 9.2	6179	2	nd			
		9.2 - 12.2	6180	10	30			
		12.2 - 15.2	6181	2	30			
		15.2 - 18.3	6182	4	10			
		18.3 - 21.3	6183	4	nd			
		21.4 - 24.4	6184	4	nd			
		24.4 - 27.4	6185	4	nd			
		27.4 - 30.5	6186	2	nd			
30.5	39.6	Basalt						
		30.5 - 33.5	6187	4	10			
		33.5 - 36.6	6188	20	40			
		36.6 - 39.6	6189	2	30			
39.6	61.0	Andesite						
		39.6 - 42.7	6190	4	20			
		42.7 - 45.7	6191	35	20			
		45.7 - 48.8	6192	20	20			
		48.8 - 51.8	6193	25	20			
		51.8 - 54.9	6194	2	10			
		54.9 - 57.9	6195	4	10			





PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

**8142**

Drill Hole No. 80-15

Page 1 of 2

Start May 11, 1980 Strike 150° Latitude 300 North

Finish May 11, 1980 Dip -55 Longitude 75 West

Elevation 597m Metres of Casing 9.2

Depth of Hole 210(64.0) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	9.2	Casing						
		3.1 - 9.2	6197	70	80			
9.2	45.7	Andesite						
		9.2 - 18.3 Buff brown, oxidized						
		18.3 - 24.4 grey or greenish grey						
		24.4 - 39.6 Buff brown						
		39.6 - 45.7 Grey or greenish grey						
		9.2 - 13.7 No sample						
		13.7 - 15.2	6198	10	6			
		15.2 - 18.3	6199	20	30			
		18.3 - 21.3	6200	20	15			
		21.3 - 24.4	6201	20	11			
		24.4 - 27.4	6202	10	2			
		27.4 - 30.5	6203	10	10			
		30.5 - 33.5	6204	10	6			
		33.5 - 36.6	6205	20	12			
		36.6 - 39.6	6206	20	15			
		39.6 - 42.7	6207	15	7			
		42.7 - 45.7	6208	45	25			
45/7	51.8	Basalt						
		45.7 - 51.8 Deep purple						
		51.8 - 64.0 mauve						



PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-16Page 1 of 2Start May 12, 1980 Strike 0 Latitude 245 NorthFinish May 12, 1980 Dip -90 Longitude 73 WestElevation 590m Metres of Casing \_\_\_\_\_Depth of Hole 250(76.0m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	27.4	Andesite						
		0-9.2 - Buff brown or Brown						
		9.2 - 21.3 - Grey or Greenish Grey						
		21.3 - 27.4 - Buff Brown or Brown						
		0 - 3.1	6215	40	200			
		3.1 - 6.1	6216	30	20			
		6.1 - 9.1	6217	10	30			
		9.1 - 12.2	6218	40	40			
		12.2 - 15.2	6219	20	10			
		15.2 - 18.3	6220	30	50			
		18.3 - 21.3	6221	20	20			
		21.3 - 24.4	6222	nd	20			
		24.4 - 27.4	6223	nd	10			
27.4	64.0	Basalt						
		27.4 - 30.5 - Deep Purple						
		30.5 - 45.7 - Mauve						
		45.7 - 57.9 - Reddish Mauve						
		57.9 - 64.0 - Mauve						
		27.4 - 30.5	6224	400	400			
		30.5 - 33.5	6225	10	20			
		33.5 - 36.6	6226	10	15			
		36.6 - 39.6	6227	10	10			





PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

MINES DIVISION  
KERR ADDISON MINES LTD.  
**8142**  
NO.

Drill Hole No. 80-18

Page 1 of 2

Start May 13, 1980 Strike 150 Latitude 275 North

Finish May 13, 1980 Dip -45 Longitude 75 West

Elevation 594 Metres of Casing 4.6

Depth of Hole 210(64.0m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	4.6	Casing (overburden)						
4.6	36.6	Andesite						
		4.6 - 15.0 Buff brown andesite						
		15.0 - 17.5 Fault zone						
		17.5 - 36.0 Grey-green andesite						
		4.6 - 6.1	6243	10	10			
		6.1 - 9.2	6244	10	60			
		9.2-12.2	6245	760	60			
		12.2 - 15.2	6246	70	40			
		15.2 - 18.3	6247	90	30			
		18.3 - 21.3	6248	50	100			
		21.3 - 24.4	6249	80	100			
		24.4 - 27.4	6250	650	200			
		27.4 - 30.5	6251	40	150			
		30.5 - 33.5	6252	20	30			
		33.5 - 36.6	6253	30	60			
36.6	64.0	Basalt, mauve colored						
		36.6 - 39.6	6254	10	20			
		39.6 - 42.7	6255	160	100			
		42.7 - 45.7	6256	40	35			
		45.7 - 48.8	6257	10	10			
		48.8 - 51.8	6258	30	10			







PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

MINES BRANCH  
8142  
NO.

Drill Hole No. 80-20

Page 1 of 1

Start May 16, 1980 Strike 240° Latitude 245 North

Finish May 17, 1980 Dip -57 Longitude 50 West

Elevation 602m Metres of Casing \_\_\_\_\_

Depth of Hole (48.8m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	1.0	Overburden						
1.0	24.4	Andesite						
		1 - 22.8 - Buff brown or brown						
		22.8 - 24.4 - Grey or greenish grey						
		1 - 3.1	6268	10	20			
		3.1 - 6.1	6269	20	10			
		6.1 - 9.1	6270	10	4			
		9.1 - 12.2	6271	nd	4			
		12.2 - 15.2	6272	10	20			
		15.2 - 18.3	6273	60	80			
		18.3 - 21.3	6274	60	10			
		21.3 - 24.4	6275	nd	30			
24.4	48.8	Basalt						
		24.4 - 48.4 - Mauve						
		24.4 - 27.4	6276	20	20			
		27.4 - 30.5	6277	10	10			
		30.5 - 33.5	6278	10	20			
		33.5 - 36.6	6279	20	20			
		36.6 - 39.6	6280	nd	10			
		39.6 - 42.7	6281	nd	10			
		42.7 - 45.7	6282	nd	4			
		45.7 - 48.8	6283	10	10			

48.8

End of Hole

PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-21Page 1 of 2Start May 18/80 Strike - Latitude 200 N GridFinish May 22/80 Dip -90° Longitude 50 W. BridElevation \_\_\_\_\_ Metres of Casing 24.4Depth of Hole 300(91.5m) Moving Time \_\_\_\_\_

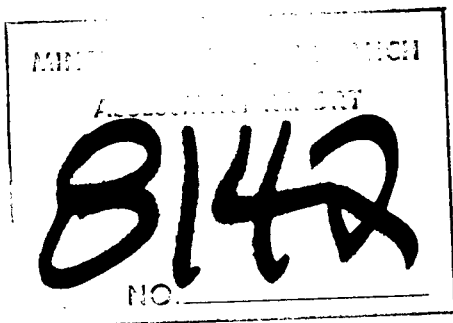
Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

No sulfides were seen

And - Andesite, q.c. quartz carbonate, Bas - Basalt

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	24.4	Casing, Green Andesite Chips						
		0-21.3	6284	10	4			
		21.3 - 24.4	6285	20	4			
24.4	27.4	Light Green Andesite						
		24.4-27.4, 80% Lt.Grn.And., 15% Red Bas. 5% Q.C.	6286	nd	20			
27.4	33.5	Basalt						
		27.4 - 30.5 - 5% And., 45% Red Bas., 5% Q.C	6287	30	40			
		30.5 - 33.5 " " "	6288	40	60			
23.5	42.7	Andesite						
		33.5 - 36.6 - 80% And., 15% Red Bas. 5% Q.C.	6289	20	25			
		36.6 - 39.6 - 95% Lt.Grn.And., 4% Q/C. 1% Red	6290	20	20			
		39.6 - 42.7 - 55% Dark And., 40% Bas., 5% Q.C.	6291	30	20			
42.7	64.0	Basalt						
		42.7-45.7, 70% red bas., 25% And., 5% Q.C.	6292	10	10			
		45.7 - 48.8 - 98% Purple Bas., 2% Q.C.	6293	10	4			
		48.8 - 51.8, 100% Bas.	6294	nd	10			
		51.8 - 54.9)	6295	nd	10			
		54.9 - 57.9) Bas. & minor Q.C.	6296	10	20			
		57.9 - 61.0)	6297	10	10			
		61.0 - 64.0, 85% Bas., 10% And., 5% Q.C.	6298	10	20			
64.0	67.1	Basalt and Andesite						





PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-22

Page 1 of 2

Start 31/05/80 Strike - Latitude 240 N Grid

Finish 01/06/80 Dip -90 Longitude 110 West Grid

Elevation  Metres of Casing 18.3

Depth of Hole 300(91.5m) Moving Time

Comments (Re: water, reaming, cementing of casing):

Overburden was sampled

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0	3.1	Overburden 0 - 27.4	6308	20	10			
3.1	6.1	"	6309	70	50			
6.1	9.2	"	6310	210	200			
9.2	12.2	"	6311	30	40			
12.2	15.2	"	6312	390	100			
15.2	18.3	"	6313	nd	10			
18.3	21.3	"	6314	40	35			
21.3	24.4	"	6315	30	35			
24.4	27.4	"	6316	nd	2			
27.4	30.5	Andesite 5 - 10% Q.C.	6317	nd	50			
30.5	33.5	30% Andesite, 70% Basalt	6318	210	50			
33.5	51.8	Basalt	6319	20	10			
36.6	39.6	"	6320	10	4			
39.6	42.7	"	6321	10	4			
42.7	45.7	"	6322	10	10			
45.7	48.8	"	6323	nd	10			
48.8	51.8	60% Basalt, 40% Andesite	6324	40	60			
51.8	91.5	Andesite 15% Q.C.	6325	260	150			
54.9	57.9	" 20% Q.C.+ min.Py	6326	400	300			
57.9	61.0	" 2% Q.C.	6327	60	80			
61.0	64.0	" "	6328	60	100			
64.0	67.1	"	6329	10	40			



-8142

NO.

PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.Drill Hole No. 80-23Page 1 of 2Start June 2, 1980 Strike 270° Latitude 300N Grid \_\_\_\_\_Finish June 2, 1980 Dip -60° Longitude 100W Grid \_\_\_\_\_Elevation \_\_\_\_\_ Metres of Casing 3.1Depth of Hole 270(82.3m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0.9	4.6	Overburden	6338	10	2	0.5		
4.6	24.4	Andesite	3.1 - 6.1	6339	30	35	1.0	
		6.1 - 9.1	6340	nd	4	0.2		
		9.1 - 12.2	6341	10	15	0.4		
		12.2 - 15.2	6342	20	15	nd		
		15.2 - 18.3	6343	nd	2	nd		
		18.3 - 21.4	6344	nd	10	0.6		
		21.3 - 24.4	6345	10	4	nd		
24.4	36.0	Basalt	24.4 - 27.4	6346	nd	4	0.1	
		27.4 - 30.5	6347	nd	2	nd		
		30.5 - 33.5	6348	nd	4	nd		
		33.5 - 36.6	6349	nd	2	0.3		
36.0	50.3	Andesite (Pyrite)	36.6 - 39.6	6350	20	25	0.2	
		39.6 - 42.7	15% Q.C. ½% dis, Py.	6351	660	1000	5.4	
		42.7 - 45.7	20% Q.C. - ½% Py.	6352	750	800	25.2	
		45.7 - 48.8	5-10% Q.C.	6353	130	60	2.6	
		48.8 - 51.8		6354	50	60	0.8	
50.3	58.8	Basalt	51.8 - 54.9	6355	nd	10	0.2	
58.8	82.3	54.9 - 57.9		6356	nd	10	0.2	
		57.9 - 61.0		6357	nd	25	0.6	
58.8	82.3	Andesite	61.0-64.0	6358	10	10	0.2	
		64.0 - 67.1		6359	nd	10	nd	





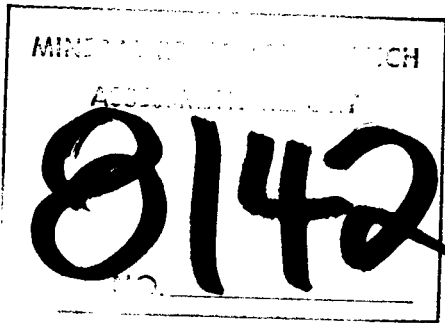
8142

PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.Drill Hole No. 80-24Page 1 of 2Start 03/06/80 Strike 270<sup>0</sup> Latitude 300N Grid \_\_\_\_\_Finish 03/06/80 Dip -45<sup>0</sup> Longitude 100 W Grid \_\_\_\_\_Elevation \_\_\_\_\_ Metres of Casing 3.1Depth of Hole 300(91.5m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
3.1	6.1	Overburden	6365	nd	10	0.2		
6.1	25.9	6.1 - 9.1 Andesite	6366	20	35	0.2		
		9.1 - 12.2	6367	20	10	nd		
		12.2 - 15.2	6368	10	4	nd		
		15.2 - 18.3	6369	nd	2	nd		
		18.3 - 21.3	6370	30	4	nd		
		21.3 - 24.4	6371	10	4	nd		
25.9	37.6	24.4 - 27.4 Basalt	6372	10	10	0.2		
		27.4 - 30.5	7373	nd	4	0.2		
		30.5 - 33.5	6374	nd	2	0.2		
		33.5 - 36.6	6375	nd	4	0.2		
		36.6 - 39.6	6376	10	4	0.3		
37.6	47.0	39.6 - 42.7 Andesite	6377	nd	4	nd		
		42.7 - 45.7	6378	nd	4	nd		
		45.7 - 48.8	6379	20	30	0.2		
47.0	62.0	48.8 - 51.8 Basalt	6380	340	150	6.7		
		51.8 - 54.9 Q.C.	6381	350	150	1.4		
		54.9 - 57.9	6382	50	60	0.2		
		57.9 - 61.0	6383	70	60	1.3		
		61.0 - 64.0	6384	70	150	0.5		
62.0	91.5	64.0 - 67.1 Andesite	6385	70	100	0.3		
		67.1 - 70.1	6386	110	300	1.2		





PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-25

Page 1 of 2

Start 06/06/80 Strike 150° Latitude 275N (Grid)

Finish 07/06/80 Dip -45° Longitude 100W (Grid)

Elevation \_\_\_\_\_ Metres of Casing 18.3

Depth of Hole 300(91.5m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): Casing pulled & hole restarted

1 of 2

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
18.3	33.0	Andesite Grey	18.3-21.3	6394				
		21.3 - 24.4		6395				
		24.4 - 27.4		6396				
		27.4 - 30.5		6397				
		30.5 - 33.5	-1% Lrg. Py.	6398				
33.0	52.0	Basalt Mauve	33.5 - 36.6	6399				
		36.6 - 39.6		6400				
		39.6 - 42.7		6401				
		42.7 - 45.7		6402				
		45.7 - 48.8		6403				
		48.8 - 51.8		6404				
51.8	91.5	Andesite: 51.8 - 54.9 - 40% qtz-carb.		6405				
		54.9 - 57.9	50% qtz-carb	6406				
		57.9 - 61.0		6407				
		61.0 - 64.0		6408				
		64.0 - 67.1		6409				
		67.1 - 70.1		6410				
		70.1 - 73.2		6411				
		73.2 - 76.2		6412				
		76.2 - 79.3		6413				
		79.3 - 82.3		6414				
		82.3 - 85.4		6415				





PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. PDH-80-28Page 1 of 2

MINER  
8142

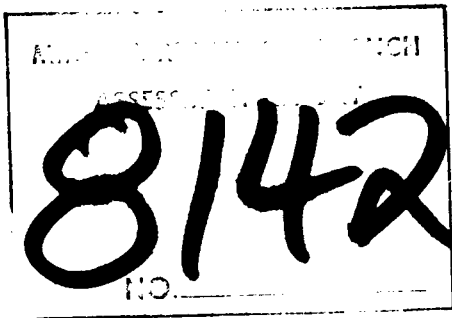
Start June 13/80 Strike 330° Latitude \_\_\_\_\_Finish June 13/80 Dip -45° Longitude 3.1Elevation \_\_\_\_\_ Metres of Casing 3.1Depth of Hole 300(91.5m) Moving Time \_\_\_\_\_

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

And - Andesite, Bas. - Basalt

From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
3.1	27.4	Andesite						
		18.3 - 24.4 Quartz carbonate and pyrite						
		3.1 - 6.1 Grey 3-5% Q.C.	6433					
		6.1 - 9.2 " 3-5% Q.C.	6434					
		9.2 - 12.2 "	6435					
		12.2 - 15.2 "	6436					
		15.2 - 18.3 "	6437					
Zone (		18.3 - 21.3 " 8%Q.C.1% Py	6438					
(		21.3 - 24.4 " 5% Q.C.1% Py	6439					
		24.4 - 27.4 " 80% And.15%Red Bas. 5% Bas.	6440					
27.4	57.9	Purple Basalt						
		27.4 - 30.5-70% purple Bas.20% Red Bas.	6441					
		30.5 - 33.5-70% " " 20% Red Bas. 5% And.	6442					
		33.5 - 36.6 - 85% " " 5% mauve And,	6443					
		36.6 - 39.6)	6444					
		39.6 - 42.7)	6445					
		42.7 - 45.7)	6446					
		45.7 - 48.8) 100% purple bas.	6447					
		48.8 - 51.8)	6448					
		51.8 - 54.9)	6449					
		54.9 - 57.9 - 80% Bas. 20% And.Greyish	6450					





PERCUSSION DRILL LOG  
KERR ADDISON MINES LTD.

Drill Hole No. 80-29

Page 1 of 2

Start 15/06/80 Strike - Latitude 250 North

Finish 15/06/80 Dip -90 Longitude 150 West

Elevation \_\_\_\_\_ Metres of Casing 3.1

Depth of Hole 300(91.5m) Moving Time -

Comments (Re: water, reaming, cementing of casing): \_\_\_\_\_

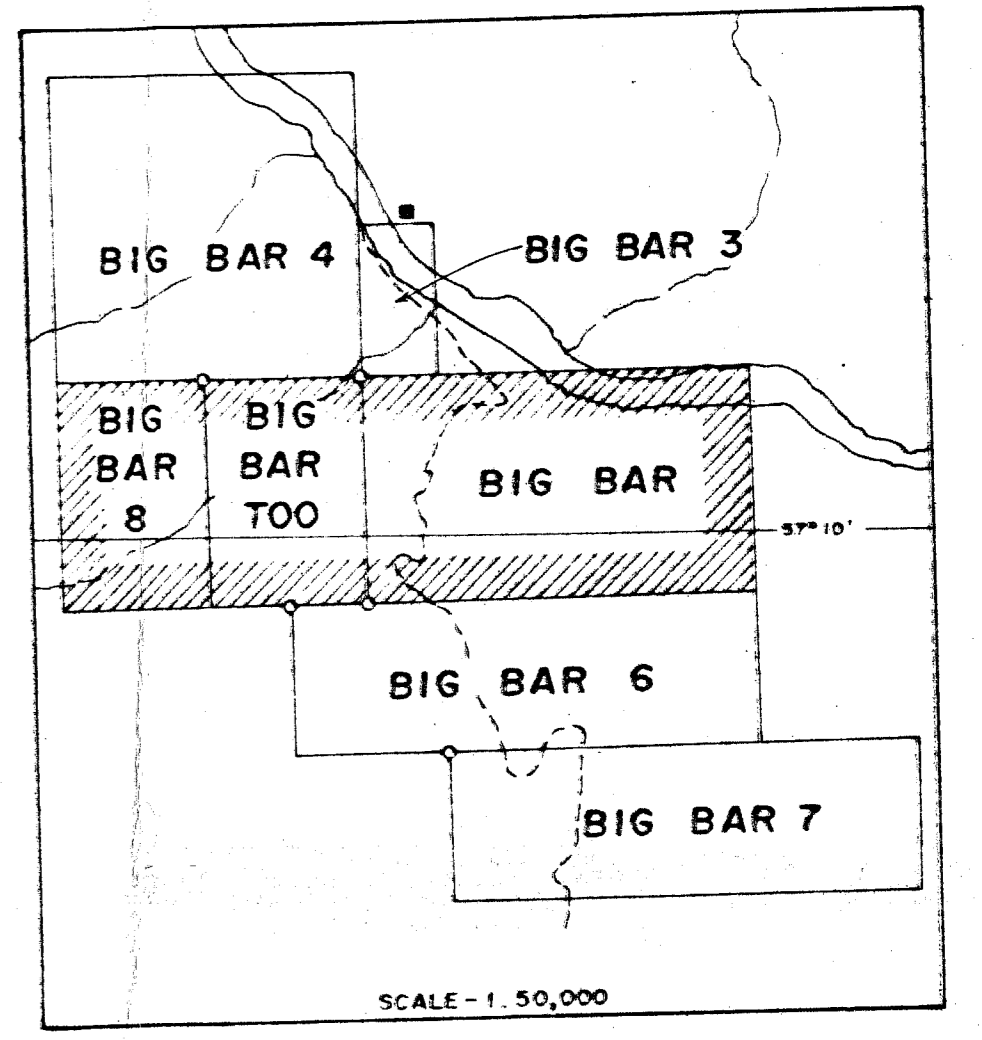
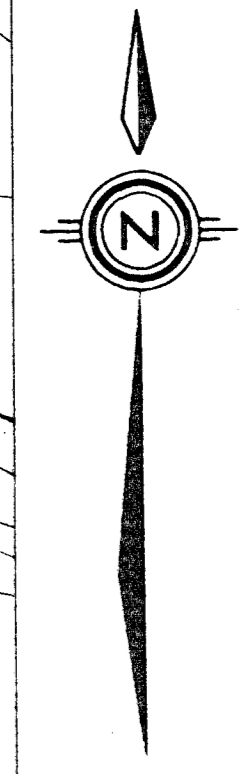
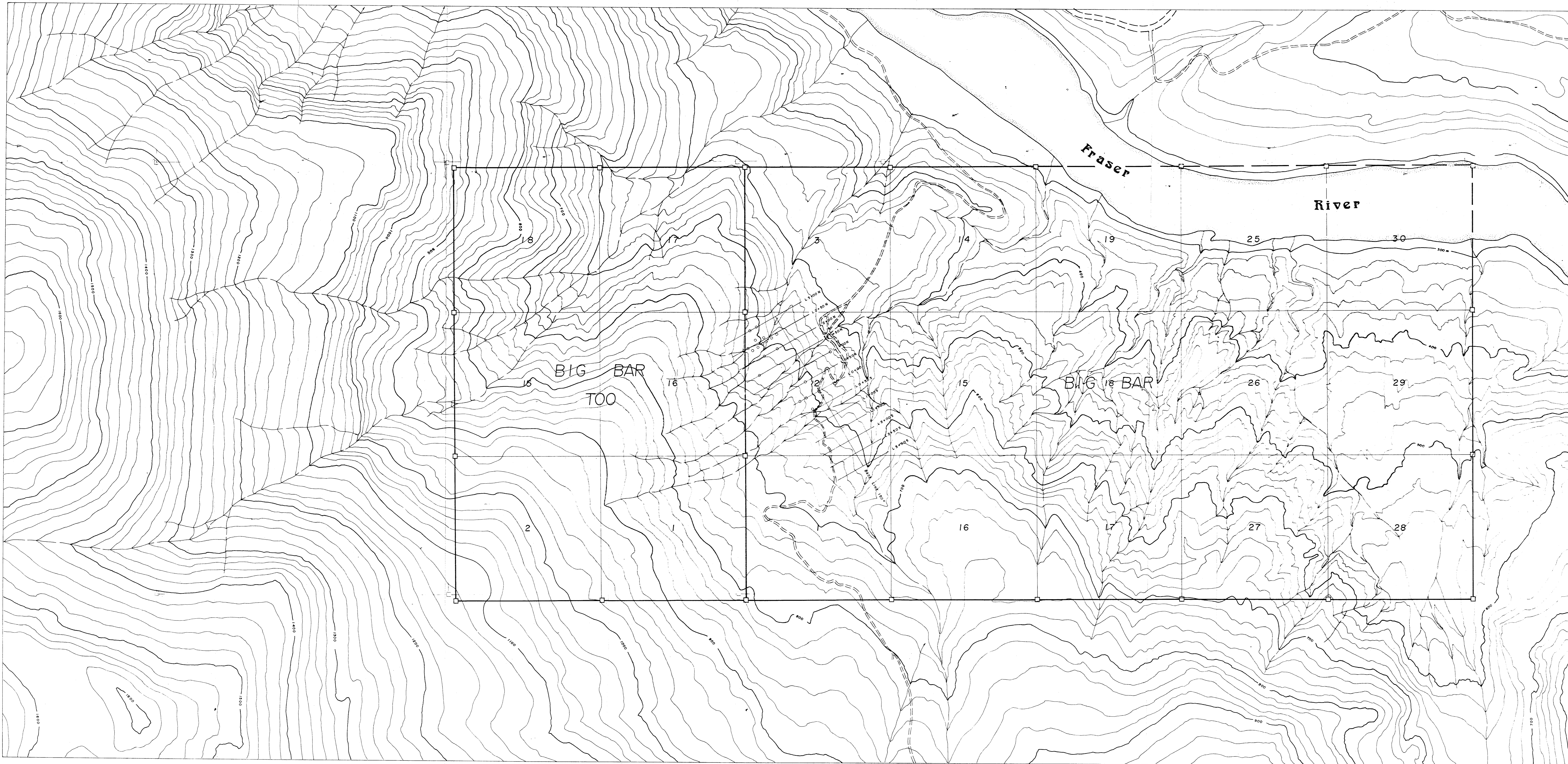
From m	To m	General Description of 3.1 metre (10 foot) sections	Sample Number	Au ppb	As ppm	Ag ppm		
0.9	3.1	Some Ob, start Andesite	6462					
3.1	15.2	Andesite (DR.)	6463					
		6.1 - 9.1 " ) 1 to 3% Q.C.	6464					
		9.1 - 12.2 " )	6465					
		12.2 - 15.2 " )	6466					
15.2	24.5	Red basalt 15.2 - 18.3	6467					
		18.3 - 21.3	6468					
		21.3 - 24.4	6469					
24.5	39.6	Andesite (DR.) - 1% Q.C. 24.5 - 27.4	6470					
		27.4 - 30.5	6471					
		30.5 - 33.5	6472					
		33.5 - 36.6 20% Q.C., 05% Py.	6473					
		36.6 - 39.6 40% Q.C., 05% Py	6474					
39.6	51.8	Basalt, 5% Q.C.+ 50% Red Basalt 39.6-42.7	6475					
		42.7 - 45.7	6476					
		45.7 - 48.8	6477					
		48.8 - 51.8	6478					
51.8	61.0	Andesite, 30% Q.C., Min. Pyrite 51.8 - 54.9	6479					
		54.9 - 57.9 20% Q.C., Minor Py	6480					
		57.9 - 61.0 5% Q.C.	6481					
61.0	88.4	Basalt 61.0 - 64.0	6482					
		64.0 - 67.1	6483					

weak

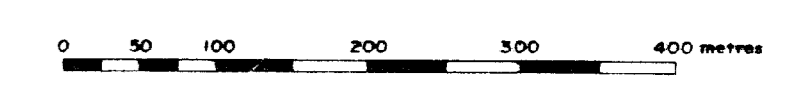






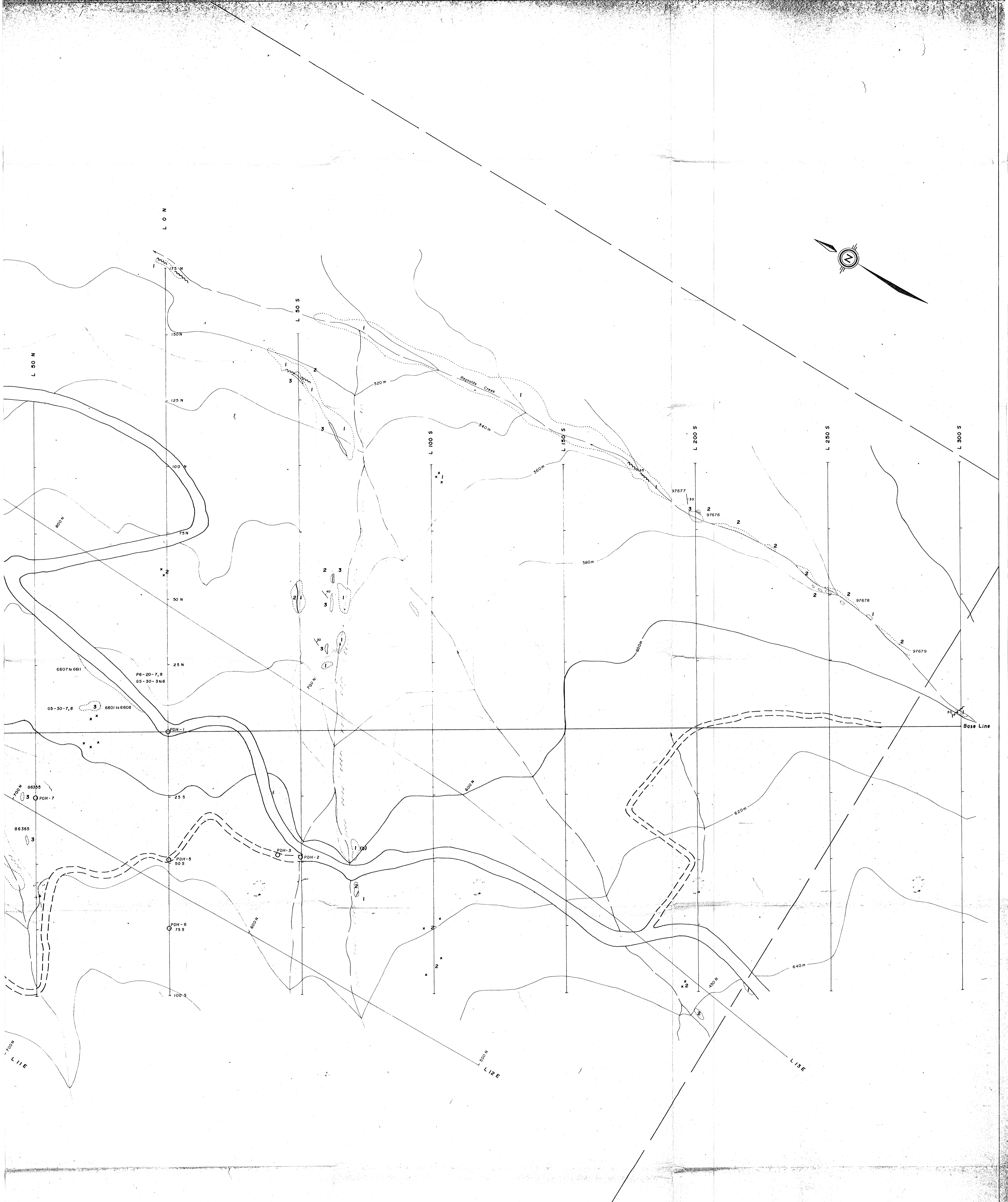


MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**8142**  
NO.



KERR ADDISON MINES LTD.	
BIG BAR PROPERTY	
CLINTON, M.D., B.C.	
DRILL GRID LOCATION	
SCALE - 1:5000	DATE - JUNE, 1980
DRAWN BY - P. MAILLOT	DATA - J.T. NEELANDS
N.T.S. - 92-0-1	





- LEGEND**
- 3 Quartz and/or carbonate veining
  - 2 Grey-green andesite porphyry, chloritized phenocrysts, 2a- altered andesite.
  - 1 Purple basalt, weathered mauve.
- SYMBOLS**
- (b) Breccia
  - Fault (with dip)
  - Outcrop
  - Percussion drill hole
  - Py Pyrite
  - x x Rock fragments
  - x x Strike and dip of vein

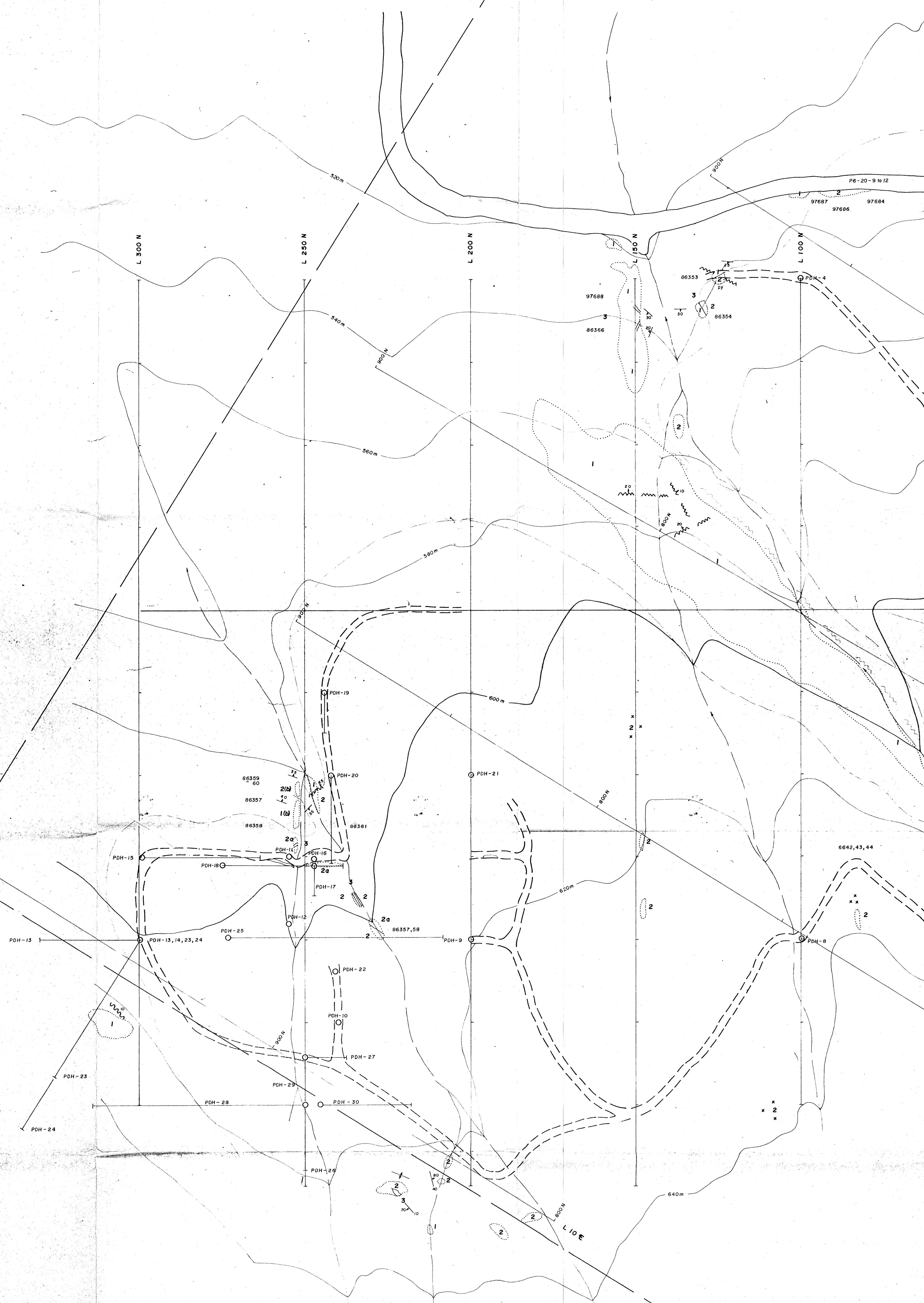
MINERAL RESOURCES BRANCH  
**8142**  
 NO.

0 10 20 30 40 50 METERS

KERR-ADDISON MINES LTD.  
**BIG BAR PROPERTY**  
 SWANSON M.B.S. P.P.  
**GEOLOGY**

SCALE: 1:50,000  
 DRAWN BY: P. H. H. / DATA BY: T. H. H. & C. H. H.  
 CHECKED BY:





DIG BAR CLAIM LINE (N. 2.)  
DIG BAR TOO (N. 16.)