

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

DIAMOND DRILLING REPORT

on

BET CLAIMS

Birk Creek area, B.C., Kamloops Mining Division

Latitude: ⁵¹59°20'N Longitude: 119°55'W

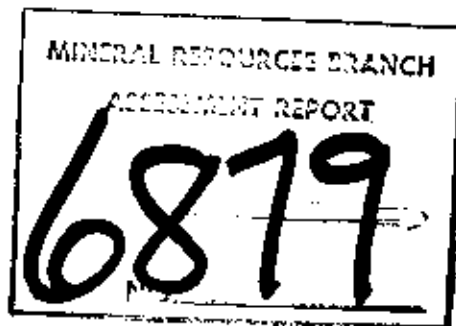
Work performed June 15 - July 20 inclusive

on claims

BET 1 and 3

Report by:

P.J. WOJDAK



COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

July 31, 1978

DIAMOND DRILLING REPORT

on

BET CLAIMS

INTRODUCTION

The Bet claims (45 units, 100% Cominco owned) are located on Birk Creek, 85 km northeast of Kamloops, B.C. at 51°20'N and 119°55'W. Access is by paved highway to Barriere, then easterly via 25 km of gravel road along Barriere River. During the period May 31 to July 20 H. Allen Diamond Drilling Ltd. of Merritt, B.C., contracted by Cominco Ltd., carried out a diamond drilling program on the Bet property. Six BQ holes (1 7/16 inch diameter core) were completed totalling 772.2 meters. Diamond drill core from hole 1, 2 and 3 is stored at the respective sites; core from holes 4, 5 and 6 is stored at drill site 5. The program was supervised by P.J. Wojdak, assisted by T.H. Hodson.

GEOLOGICAL CONTEXT OF DRILL PROGRAM

The property is underlain by gently dipping to flat Paleozoic volcanic and sedimentary strata (Assessment Report 6202). Several showings of bedded pyrite and chert with minor amounts of sphalerite, galena and chalcopyrite occur within felsic volcanic rocks near Birk Creek. The geological environment is favourable for a volcanogenic sulphide ore deposit. Previous diamond drilling, by Kennco in 1952 and Ducanex in 1971, focussed on the dip slope north of Birk Creek.

Location of Ducanex holes and approximate location of Kennco holes is shown on Plate 2. These holes intersected massive pyrite, chert and weak base metal mineralization. Purpose of the 1978 drill program was to test down dip of the showings along Birk Creek. Results of a preceding geophysical survey (assessment report on file) were used to locate the fourth and sixth holes.

RESULTS

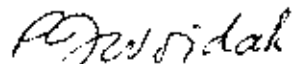
Detailed description of rocks encountered in drill core are presented in accompanying logs. Drill hole 1 intersected pyritic cherty sedimentary rocks similar to showings along Birk Creek and to that intersected by Ducanex drill holes 5 and 7. Quartz-eye dacite and rhyolite overlie the cherty section but dacite and andesite underlie it. Only quartz eye dacite and rhyolite were encountered in drill hole 2. Results of DDH 3 were very similar to DDH 1. Drill hole 4 and 6 were designed to test the best IP and coincident VLF anomalies. No appreciable sulphides were intersected in hole 4 and explanation of the geophysical response remains obscure. Hole 6 intersected 6.4 m of heavily disseminated pyrite in a fine

grained dark green to black rock, comparable to strata which host massive pyrite at the Copper Cliff showing. Drill hole 5 encountered the greatest depth of overburden (32.6 m) and intermediate volcanic strata but very little sulphide mineralization.

CONCLUSIONS

The volcanic hosted sulphide bearing horizon on the Bet property was explored by six diamond drill holes. These holes failed to locate significant concentrations of base metal sulphides.

Report by:



P.J. Wojdak
Geologist

PJW/pcd

Approved for
release by:



G. Harden
Manager, Exploration
Western District

APPENDIX "A"

Statement of Expenditures on Bet Claims

Diamond Drilling Program

H. Allen Diamond Drilling Ltd:

- 2580 feet (786.6 m) @ \$12.50 per foot \$32,250.00
- Core boxes, irrecoverable casing and shoe,
drilling mud 701.50

Drill access (slashing and logging required for Forestry):

- H. Allen Diamond Drilling Ltd. (31 cat hours
@ \$30.00 per hour and 100 man hours @ \$15.00 per hour) 2,430.00
- T.W. Hodson, 5 days (June 17-19, July 5, 6)
@ \$70.00 per day 350.00
- P.J. Wojdak, 3 days (June 17, July 5, 6) @ \$116.00
per day 348.00

Supervision and core logging:

- P.J. Wojdak, 20 days within the period June 15 to
July 20 incl. @ \$116/day 2,320.00

Core storage:

- materials 100.00
- construction by T.W. Hodson, 2 days (July 10, 11)
@ \$70/day 140.00

Assays by Bondar Clegg Ltd. 72.00

Room and Board (June 15 - July 20):

- Room, 36 days @ \$22/day 792.00
- Board, 40 man days @ \$12/day 480.00

Truck rental (one month): 700.00

\$40,683.50

P. Wojdak.

APPENDIX B

IN THE MATTER OF THE

B.C. MINERAL ACT

AND

IN THE MATTER OF A DIAMOND DRILLING

PROGRAM CARRIED OUT ON THE

BET 1 and 3 MINERAL CLAIMS

Located in the Kamloops Mining Division

of the Province of British Columbia

More Particularly N.T.S. 82 M/5

A F F I D A V I T

I, PAUL J. WOJDAK OF THE MUNICIPALITY OF DELTA IN THE PROVINCE OF BRITISH COLUMBIA, MAKE OATH AND SAY:

1. THAT I AM EMPLOYED AS A GEOLOGIST BY COMINCO LTD., AND AS SUCH HAVE A PERSONAL KNOWLEDGE OF THE FACTS TO WHICH I HEREINAFTER DEPOSE:
2. THAT ANNEXED HERETO AND MARKED AS "APPENDIX A" TO THIS MY AFFIDAVIT IS A TRUE COPY OF EXPENDITURES ON A DIAMOND DRILLING PROGRAM CARRIED OUT ON THE BET MINERAL CLAIMS.
3. THAT THE SAID EXPENDITURES WERE INCURRED BETWEEN THE FIFTEENTH DAY OF JUNE AND THE TWENTIETH DAY OF JULY, 1978 FOR THE PURPOSE OF MINERAL EXPLORATION ON THE ABOVE NOTED CLAIMS.

P. Wojdak.

P.J. WOJDAK

APPENDIX C

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

STATEMENT OF QUALIFICATIONS

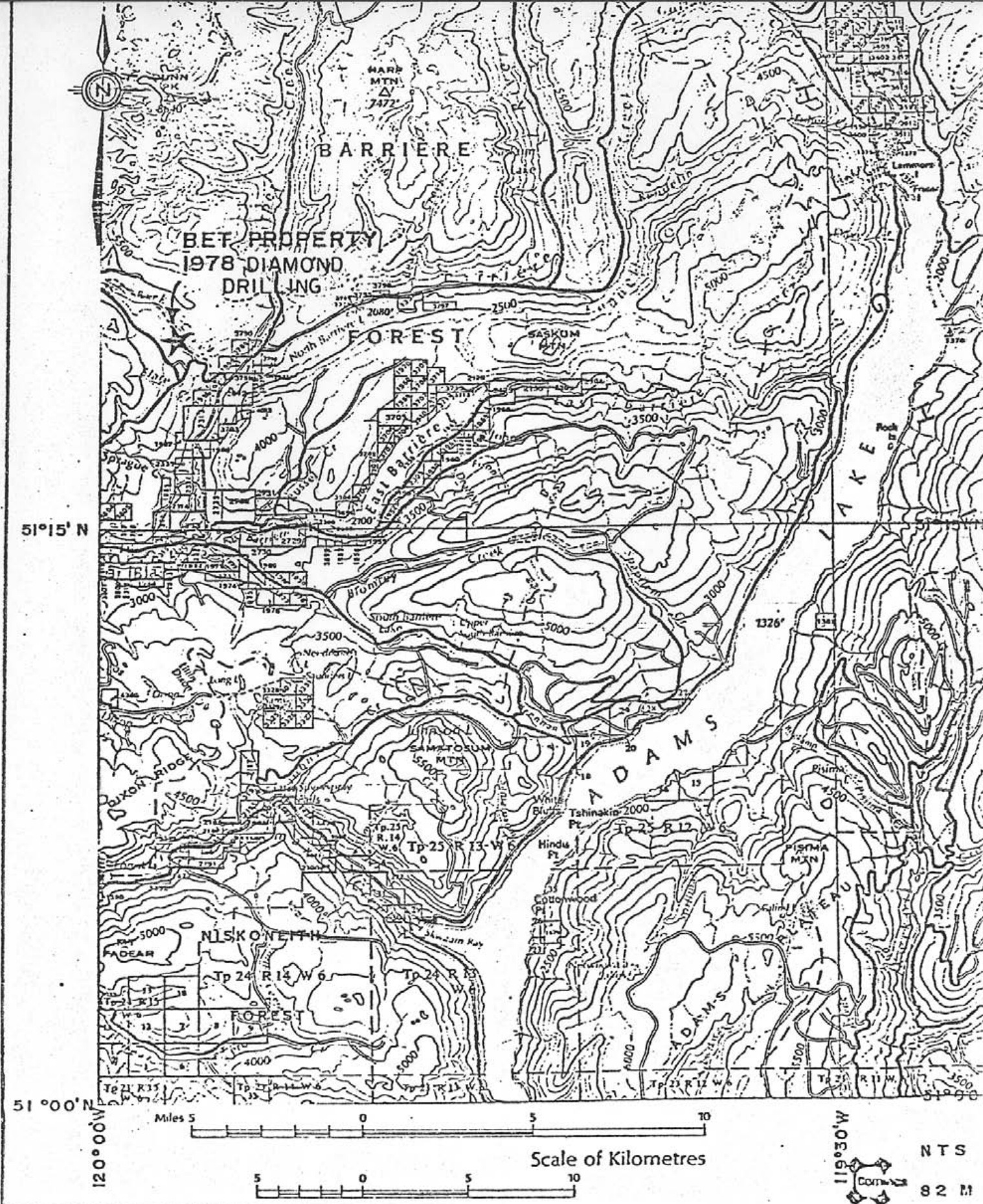
I, PAUL J. WOJDAK, OF THE MUNICIPALITY OF DELTA, BRITISH COLUMBIA,
HEREBY CERTIFY:

1. THAT I AM A GEOLOGIST RESIDING AT 11405-85 AVENUE, DELTA,
BRITISH COLUMBIA WITH A BUSINESS ADDRESS AT 2200-200
GRANVILLE SQUARE, VANCOUVER, BRITISH COLUMBIA.
2. THAT I GRADUATED WITH A B.Sc. IN GEOLOGY AND CHEMISTRY FROM
McMASTER UNIVERSITY, HAMILTON, ONTARIO IN 1971 AND WITH A
M.Sc. IN GEOLOGY FROM THE UNIVERSTIY OF BRITISH COLUMBIA
IN 1974.
3. THAT I HAVE PRACTISED GEOLOGY WITH COMINCO LTD. FROM 1974 TO
1978.

DATED this 13 Day of September 1978 at Vancouver, British Columbia.

Signed:

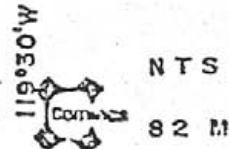
P.J. Wojdak
P.J. Wojdak, M.Sc.



Drawn by:		Traced by:	
Revised by	Date	Revised by	Date

LOCATION MAP
KAMLOOPS M.D., B.C.

Scale: 1:250,000 Date: JUNE 1978 Plot: 133-79-1



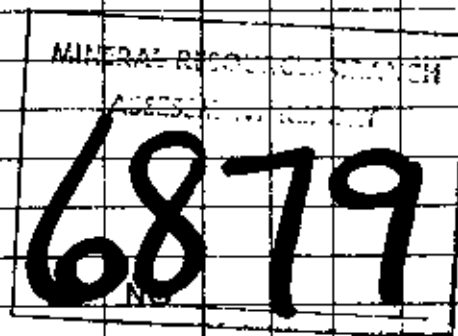
Drill Hole Record



Property	BET	District	KAMLOOPS	Hole No.	1
Commenced	June 15, 1978	Location	Birk Creek	Tests at	61, 122 m
Completed	June 17, 1978	Core Size	BQ	Corr. Dip	-70° (collar)
Co-ordinates	11,460N, 10,700E			True Brg.	005°
Objective	To test 200 m down dip of massive pyrite and chert beds at Rainbow showing.			% Recov.	>95%
				Logged by	P.J. Wojdak
				Date	June 16-17

Claim
BET 1T Brg.
005°Collar Dip
-70°Elev.
903 mLength
179.1 m

Metres From To	Description	Sample No.	Length	Analysis
0 - 11.3	Overburden - boulders with variable foliation to core axis.			
11.3-24.0	Dacite - pale grey to very pale greenish white - 1 to 3% quartz phenocrysts 3-5 mm in size - 5 to 15% feldspar phenocrysts 1 mm in size - matrix sericitic but not very siliceous - pyrite 0-1% - foliation to core axis ~70° - recovery 65%			
24 - 25.9	Rhyolite - cherty - 3 - 5 mm quartz phenocrysts and 1 mm feldspars as above but matrix is very siliceous - pyrite more abundant, 5-10% in bedding seams up to 1 cm thick.			
25.9-55	Rhyolite - pale grey to green locally - 5% quartz, 10% feldspar phenocrysts, both mainly euhedral but some are broken and some quartz are embayed (resorbed). - magnetite common as disseminated crystals amounting to 1%. - core badly broken from 25.9-30.0 m and 43-48 m - pyrite content is variable, generally <1% as disseminated grains but occasional bedding seams and fractures up to 2 cm thick that are 25-75% pyrite - cherty and pyritic 50.-51.5 m.			



Drill Hole Record



Property	District	Hole No.	1
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim

T Brg.

Collar Dip

Elev.

Length

Date

Sheet

Footage From	To	Description	Sample No.	Length	Analysis					
					Cu	Pb	Zn	Ag	Au	
55	72	Dacite - light green - 1 cm rounded quartz eyes and 2 mm feldspar phenocrysts. - light coloured sericitic and siliceous bands - pyrite 0-10% as conformable seams - core axis to foliation angle is 80-85° ≥95% core recovery.								
72	95	Rhyolite - grey to pale green - quartz eyes throughout to 5 mm, but feldspars present only locally - banded texture due to pale green (feldspathic) and grey (siliceous) layers about 2-5 mm thick. - <1% pyrite - recovery ≥95% - bedding to core axis = 82°								
95	107.5	Dacite - gradational change from above, with increasing chlorite and feldspathic content the matrix becomes pale green. - feldspar phenocrysts locally, quartz eyes are characteristic - traces of galena from 106.7 m.								
107.5	115.4	Chert - massive, white, no banding - 80% quartz, 10% sericite, 10% sulphides overall - pyrite, plus minor chalcopyrite, galena and sphalerite? as layers <1 cm to 6 cm thick - specks of galena throughout chert.								
					107 to					
					108.2	.09	.09	.20	.05	.002
					108.2-					
					109.7	.22	.21	.33	.24	<.06
					111.6-					
					112.5	.68	.06	.14	.39	.00

6879

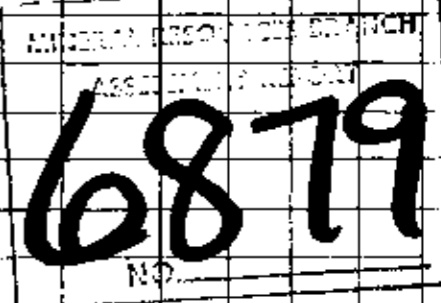
110

Drill Hole Record



Property	District	Hole No.	1
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis					
				Cu	Pb	Zn	Ag	Au	
	- recovery nearly 100%								
115.4-136.3	Dacite to andesite with 50% chert fragments and lenses. - chert fragments range from 1 cm to 10 cm but typically are 1 x 3 cm. - dacite to andesite is green (chloritic) with 3 mm feldspar phenocrysts - about 5% pyrite but irregularly distributed, locally 25% over 3 cm		27.2- 28.2	30	61	1.40	40	00	
136.3-142.5	Dacite - pale green - occasional scattered feldspar phenocrysts 1% pyrite								
142.5-150	Andesite - green fragmental; fine grained (ash size) at top grading to lapilli size down hole. - 15% pyrite, ranging from 5% to 75% (with a 20 cm thickness of massive pyrite).								
150-170.1	Andesite - banded texture defined by alternating feldspathic and mafic bands. - feldspar phenocrysts 15% - pyrite 1% - recovery 95% - core angle to foliation about 85-90°								



Drill Hole Record



Property	BET	District	KAMLOOPS	Hole No.	2
Commenced	June 17, 1978	Location	Birk Creek	Tests at	91.5 m, 182.3 m
Completed	June 23, 1978	Core Size	BQ	Corr. Dip	
Co-ordinates	11,435N; 10,895E		True Brg.	Logged by	T. Hodson & P. Wojdak
Objective	To test 200 m down dip of pyrite and chert beds between Rainbow and F showings		% Recov.	>95%	Date
				June 24, 1978	

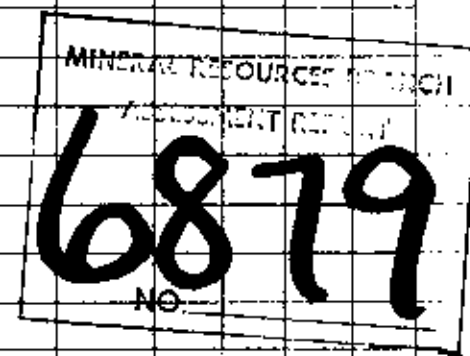
 Claim
T Brg.

 Collar Dip
-90°

 Elev.
887 m

 Length
185.4 m

Footage From To	Description	Sample No.	Length	Analysis
0 - 7.6	Overburden, boulders, some with 1% disseminated magnetite.			
7.6-27.1	Dacite - quartz phenocryst content is 10% and range in size from 1.0-7.0 mm. - feldspar phenocryst content is 3% and range in size from 0.5-2.0 mm. - colour is green to light green. - matrix is chloritic and sericitic - pyrite content ranges from <1% to 20% with an overall average of 1%. - core axis to foliation 89°, core recovery ≥ 95%.			
27.1-34.8	Dacite - rhyolite interbeds to 10 cm thick. - colour from light green to grey in the rhyolite interbeds. - quartz and feldspar phenocrysts as above. - pyrite content is 1% overall, a few concentrated bands of pyrite are seen (60% pyrite in a 1 cm band). Quartz veins 30° to core axis, examples - 10 and 20 cm thick veins.			
34.8-45.4	Dacite Colour is from green to pale green Quartz phenocryst content is 10% and range in size from 1 mm - 6 mm Feldspar phenocryst content is 5% and range in size from 0.5 mm - 2 mm. Pyrite content is 3%, one 20 cm section has a pyrite content of 30%. There is a gradational change with rhyolite interbeds becoming more common and predominating over			



Drill Hole Record



Property	District	Hole No.	2
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis
	dacite by 45.4 m.			
45.4-56.1	Rhyolite Colour is grey with minor pale green sections Quartz and feldspar content as above. Pyrite content 3% Last 0.6 m of this section has 41% disseminated magnetite phenocrysts.			
56.1-85.1	Dacite Greenish and grey bands to 61.3 m, green from there on. 61.3 - 63.4 Quartz-eye rhyolite band within dacite, very little feldspar. Quartz-eye content ranges from 5-10%, size ranges from 1-10 mm. Feldspar content is from 1-10%, size of the phenocrysts is from 0.5-3.0 mm. Pyrite content $\leq 1\%$. Core axis to foliation is 90° , core recovery $> 98\%$.			
85.1-104.0	Rhyolite Pale green to grey Quartz phenocryst content 5% Feldspar phenocryst content ranges from 3-20%, overall 5% Pyrite content 5% ranging from 1% to 20% in some banded sections.			

MINERAL RESOURCES BRANCH
CORRECTION REPORT

6879

Drill Hole Record



Property	District	Hole No.	2
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim

T Brg.

Collar Dip

Elev.

Length

Angle

Sheet

Footage From To	Description	Sample No.	Length	Analysis
104-123.5	Rhyolite - texture varies from massive quartz-feldspar porphyritic rhyolitic as above to quartz-eye, cherty, pyritic banded rhyolite. Main pyrite section from 107.9-110.4 m, 10% pyrite content. 117.1-118.9 disseminated chloritic phenocrysts and feldspar phenocrysts both with a content of 5% each.			
123.5-165.5	Rhyolite - grey to pale green Feldspar content varies from 1% to 15% (5% overall) Quartz-eye content is steady at 5% throughout. Pyrite content is 3% overall and increases to 5% in banded sections. Some sections have a banded appearance. Small specks of galena are seen but are associated with quartz veins. Small amount of disseminated magnetite is also seen, <1% Core axis to foliation ranges from 88°-75° Core recovery is 40% from 134.1-146.3 m and ≥95% for the rest of the section. 134.1-146.3 m - a lot of muddy sections and broken core, foliation to core axis angle is variable 45°-85° possible fault zone.			
165.5-177.4	Dacite - light green to green Quartz-eye content is 5% and ranges in size from 2-5 mm Pyrite content <1% Gradational change over 2 m from rhyolite of the above section to this dacite by way of increasing			

MINERAL RESOURCES

ASSESSMENT REPORT

6879

NO.

Drill Hole Record



Property	District	Hole No.	2
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim

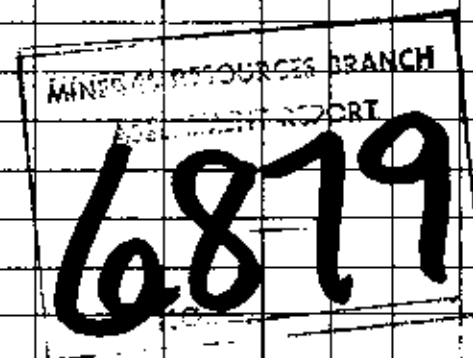
T Brg.

Collar Dip

Elev.

Length

Footage From To	Description	Sample No.	Length	Analysis
	chlorite content			
	Lenses of green chloritic rich and white feldspathic material parallel to foliation are the main component of this dacite.			
	No feldspar phenocrysts are seen.			
177.4-184.1	Rhyolite - grey			
	Gradational change from the above dacite into this rhyolite.			
	Chert lenses giving fragmental appearance, chert content 70%.			
	Feldspar phenocryst content <1% and range in size from 0.5 mm - 2.0 mm.			
	Pyrite content is 1% overall, this excludes one 20 cm section that has a 40% pyrite content.			
	Core axis to foliation 88° and core recovery $\geq 95\%$.			
184.1-185.4	Rhyolite - grey			
	Feldspar phenocryst content 5%			
	Few species of galena at 184.1 m			
	Core axis to foliation 74° .			



Drill Hole Record



Property	BET	District	KAMLOOPS	Hole No.	3
Commenced	June 25, 1978	Location	Birk Creek	Tests at	218 m
Completed	July 2, 1978	Core Size	BQ	Corr. Dip	
Co-ordinates	10.510E; 11.425N		True Brg.	Logged by	P.J. Wojdak
Objective	To intersect projected position of Rainbow and Copper		% Recov.	95 - 100%	Date July 4, 1978

Claim BET 1

T Brg.

Collar Dip

-90°

Elev.

Length

938 m

221.6 m

Sheet

Footage From To	Description	Sample No.	Length	Analysis
0 - 7	Overburden			
7 - 33.5	Rhyolite - pale grey to white - 5-10% quartz phenos (<5 mm) throughout - 0 - 20% feldspar phenos (1-2 mm in size). - foliation to core axis = 80° (range is 70-85°). - disseminated magnetite locally - 7-14 m has 2% pyrite disseminated and along foliation. - 17.9 - 27.4 m core is badly broken as rock is brecciated, oxidized and veined by quartz and pyrite (recovery in this section 85%).			
33.5-101.5	Dacite - light green predominantly with occasional 1-2 m grey rhyolite sections. - 10% quartz eyes up to 1 cm throughout but feldspar phenos are absent to minor (45% overall). - quartz eyes range from 2-4 mm single crystals to 1 cm crystal clumps. - white feldspathic shards? are common. - banded texture locally with ½ cm wide greenish bands also suggest tuffaceous origin. - rare 2-4 mm angular pyrite grains which are probably primary (i.e. crystal fragments). - overall pyrite content about ½% mainly as narrow fractures roughly parallel to foliation. - calcareous with calcite "spots" from 1 mm to 19 cm in size ranging up to 5 cm veins. - some calcite blebs form around and replace quartz eyes; some link several quartz eyes together. - core recovery ~100%. - core axis to foliation 70-85°, averaging about 80°.			

6879

Drill Hole Record



Property	District	Hole No.	3	Claim	T Brg.	Collar Dip	Elev.	Length
Commenced	Location	Tests at	Hor. Comp.					
Completed	Core Size	Corr. Dip	Vert. Comp.					
Co-ordinates		True Brg.	Logged by					
Objective		% Recov.	Date					
Footage	Description	Sample No.	Length	Analysis				
From	To			Cu	Pb	Zn	Ag	Au
101.5-121.6	Rhyolite - chalky white to grey with delicate 1-5 mm dark grey bands (crenulated). - grey bands are pyritic (5% overall) - quartz eyes are rare in well banded pyritic sections but constitute 5% overall. - core axis to foliation 70°-90° (average 80°). - coarse milky quartz-pyrite-chalcopyrite vein at 103.8-104.3		103.8- 104.3	1.09			.31	.01
121.6-134.7	Cherty sediments - delicately laminated (1-10 mm wide) bands of white chert, multi-coloured clay mineral (olive green, yellow green, purplish brown, blue-green) and minor pyrite. - pyrite approximately 2% - no carbonate - 124.3-127 quartz-eye rhyolite interbed, similar to 101.5-121.6. - 131.4-132.2 broken core and gouge.		121.7- 123.9	.07	.05	.08	.06	.005
134.7-152.7	Fragmented chert in andesite-dacite. - gradational change from above - 60% chert, many fragments have hazy outlines - numerous short (about 1 m or less) sections of finely laminated sediment as 121.6-134.7 - becomes greener and less cherty toward end of section. - pyrite ≤ 1% - 136.0 quartz vein with trace galena.							
152.7-159.4	Andesite-banded green and white, chlorite- feldspar rock.							

6879

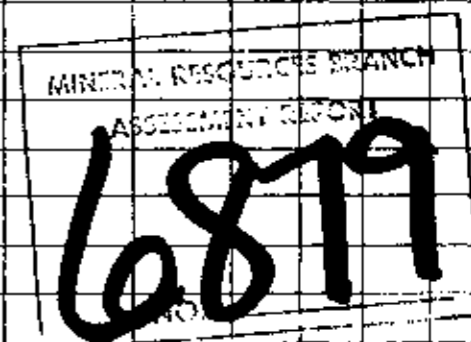
Drill Hole Record



Property	District	Hole No.	3
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim
T Brg.
Collar Dip
Elev.
Length

Footage From To	Description	Sample No.	Length	Analysis
159.4-168.3	Andesite with chert fragments - chert content 20%. - aphanitic, featureless andesite as at end of 134.7-152.7 - 1% pyrite - 160 trace galena in quartz vein in pyritic section.			
168.3-180.8	Dacite - grey with mottled chlorite laminae (5-10%) - quartz and feldspar phenocrysts absent - no pyrite - core axis to foliation about 80°			
180.8-184.4	Cherty sediments - finely laminated, similar to 121.6-134.7 but not as well developed. 1-2% disseminated pyrite.			
184.4-188.9	Andesite - pale green to grey - aphanitic, homogeneous, except for rare small feldspar phenocrysts. - pyrite <1%.			
188.9-207.9	Dacite - white to grey with 1-10 mm dark grey bands - texturely similar to 101.5-121.6 but lacks quartz eyes and has abundant feldspar (~10%) - feldspar phenos become more abundant towards end of section. - pyrite <1% - core axis to foliation = 70°			



Drill Hole Record



Colour Plot
& Dip

Property	District	Hole No.	3
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim

T Brg.

Collar Dip

Elev.

Length

Footage		Description	Sample No.	Length	Analysis					
From	To									
207.9	221.6	Andesite - gradational change from above as matrix ground mass becomes more mafic (chloritic)								
(end of hole)		- feldspar phenos (10-15%) prominent and up to 3 mm, except absent in banded (aphanitic) sections.								
		- this unit is very similar to the bottom of DDH #1.								

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
6879

Drill Hole Record



Property	BET	District	KAMLOOPS	Hole No.	4
Commenced	July 7, 1978	Location	Birk Creek	Tests at	None
Completed	July 9, 1978	Core Size	BQ	Hor. Comp.	
Co-ordinates	11,800E; 11,500N (3+00 480N of IP grid)			Corr. Dip	Vert. Comp.
Objective	IP and VLF anomaly at 3W 540-570N and projection of CC mineralization			True Brg.	Logged by P.J. Wojdak
		% Recov.	>95% (~100%)	Date	July 10, 1978

Claim
BET 3T Brg.
015°Collar Dip
-70°Elev.
718 mLength
64.9 m

Hole No.

Sheet 1

Footage From To	Description	Sample No.	Length	Analysis
0 - 15.4	Overburden - stream, sand and gravel, with some detrital pyrite.			
15.4-26.7	Dacite - mainly grey, locally pale green. - 5% quartz eyes, 3 mm size - sporadic feldspar phenos (0-5%), 2 mm size, which have hazy outlines due to alteration. - matrix has a weakly banded texture - traces of pyrite (12%) - core axis to foliation 90°.			
26.7-29.4	Rhyolite - white to grey siliceous matrix with 1-3 mm quartz eyes (5-10%) - feldspar present only locally - ½ - 1% pyrite.			
29.4-47.9	Dacite - similar to 15.4-26.7 - pale grey-green sericitic matrix with quartz eyes to 5 mm - very fissile - weak to moderately developed compositional banding. - feldspars sporadic (0-5%), locally are very tiny (~0.1 mm) - pyrite ~0.1% (traces only).			
47.9-53.6	Dacite - essentially a gradation from dacite above to andesite below. - 5% quartz-eyes and scattered (<5%) feldspar phenos in a compositionally banded matrix that is			

6879

Drill Hole Record



Property	District	Hole No.	4
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim

T Brg.

Collar Dip

Elev.

Length

Footage From To	Description	Sample No.	Length	Analysis
	slightly more chloritic (greener) than dacite above.			
	- not fissile			
	- foliation to core axis = 90°			
	- no pyrite			
53.6-64.9 (end of hole)	Andesite- green, weakly compositionally banded with 0.5 cm lighter and darker coloured bands.			
	- irregularly scattered 1-2 mm feldspars but essentially no quartz eyes.			
	- consistently pyritic (1-2%) as streaks and disseminations			
	- chalcopyrite at 54.4 and in a cross cutting fracture at 55.8			
	- 64.3 - 64.6 - quartz veinlet sub-parallel to core axis with pyrite and minor galena. Veinlet has a bleached (sericitic) halo.			

6819

Drill Hole Record



Property	BET	District	KAMLOOPS	Hole No.	5
Commenced	July 9, 1978	Location	Birk Creek	Tests at	---
Completed	July 14, 1978	Core Size	BQ	Corr. Dip	
Co-ordinates	11,560E; 11,385N		True Brg.	Logged by	P.J. Wojdak
Objective	Down dip projection of CC showing		% Recov.	>95%	Date July 19, 1978

Claim

BET 1

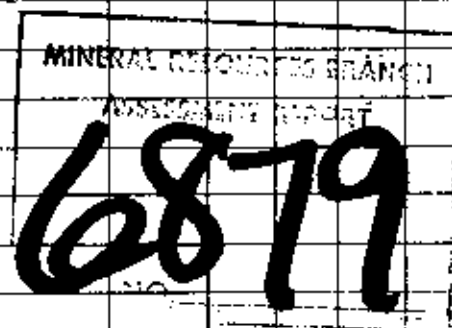
T Brg. 015°

Collar Dip -70°

Elev. 730 m

Length 86.0 m

Footage From To	Description	Sample No.	Length	Analysis
0 - 32.6	Overburden - boulders and sand			
32.6-60.4	Dacite - pale green - 3-5 mm quartz eyes constituting 10% of the rock are most distinctive feature - matrix is banded to streaky with chlorite streaks and rare bands, plus flattened white pumiceous fragments. - rare, small feldspar crystals - pyrite is virtually absent - core axis to foliation 80°-90°			
60.4-86.0	Dacite - green to grey - quartz-eyes much less prominent than above but still about 3-5%; some very angular (crystal fragments), others rounded. - abundant (10%-25%) 1 mm feldspar phenocrysts - 0.2% pyrite - matrix has banded texture with alternating white and green bands. - probably approaches andesite in composition despite presence of quartz eyes and probably correlative with andesite at bottom of DDH 1, 3 and 4.			



Drill Hole Record



Property	BET	District	KAMLOOPS	Hole No.	6
Commenced	July 18, 1978	Location	Birk Creek	Tests at	Hor. Comp.
Completed	July 20, 1978	Core Size	BQ	Corr. Dip	Vert. Comp.
Co-ordinates	11,430E; 11,690N (7+00W 630N on IP grid)			True Brg.	Logged by P.J. Wojdak
Objective	Strong IP and coincident VLF anomalies on line 7+00W			% Recov.	>95%
				Date	July 20, 1978

Claim
BET 1

T Brg. 015°

Collar Dip -70°

Elev. 780 m

Length 13.2 m

Footage From To	Description	Sample No.	Length	Analysis					
				Cu	Pb	Zn	Ag	Au	
0 - 4.9	Overburden								
4.9-8.8	Rhyolite - 2-5 mm quartz eyes constitute 5% - matrix is light grey and siliceous - no feldspar - core axis to foliation 70°-80°								
8.8-15.2	Andesite - very dark green to black, fine grained, chloritic rock; may have some argillaceous material - heavily disseminated pyrite; about 20% overall but with several short (~10 cm) sections of 75-100% pyrite		8.8 to 10.4 12.2- 13.7	.34	.02	.17	.08	.005	.005
15.2-16.1	Felsic dike - fine grained granitic dike with associated quartz-calcite vein.								
16.1-27.4	Dacite - mottled grey, fine grained featureless intermediate volcanic rock lacking quartz or feldspar phenocrysts. - pyrite ~0.5% - sporadically contains chert fragments (0.5-1 cm) which may very locally account for 20% of the rock. -18.0-18.3 pyritic andesite, like 8.8-15.2 - core axis to foliation about 90°.								

MINING BRANCH
REPORT
6879

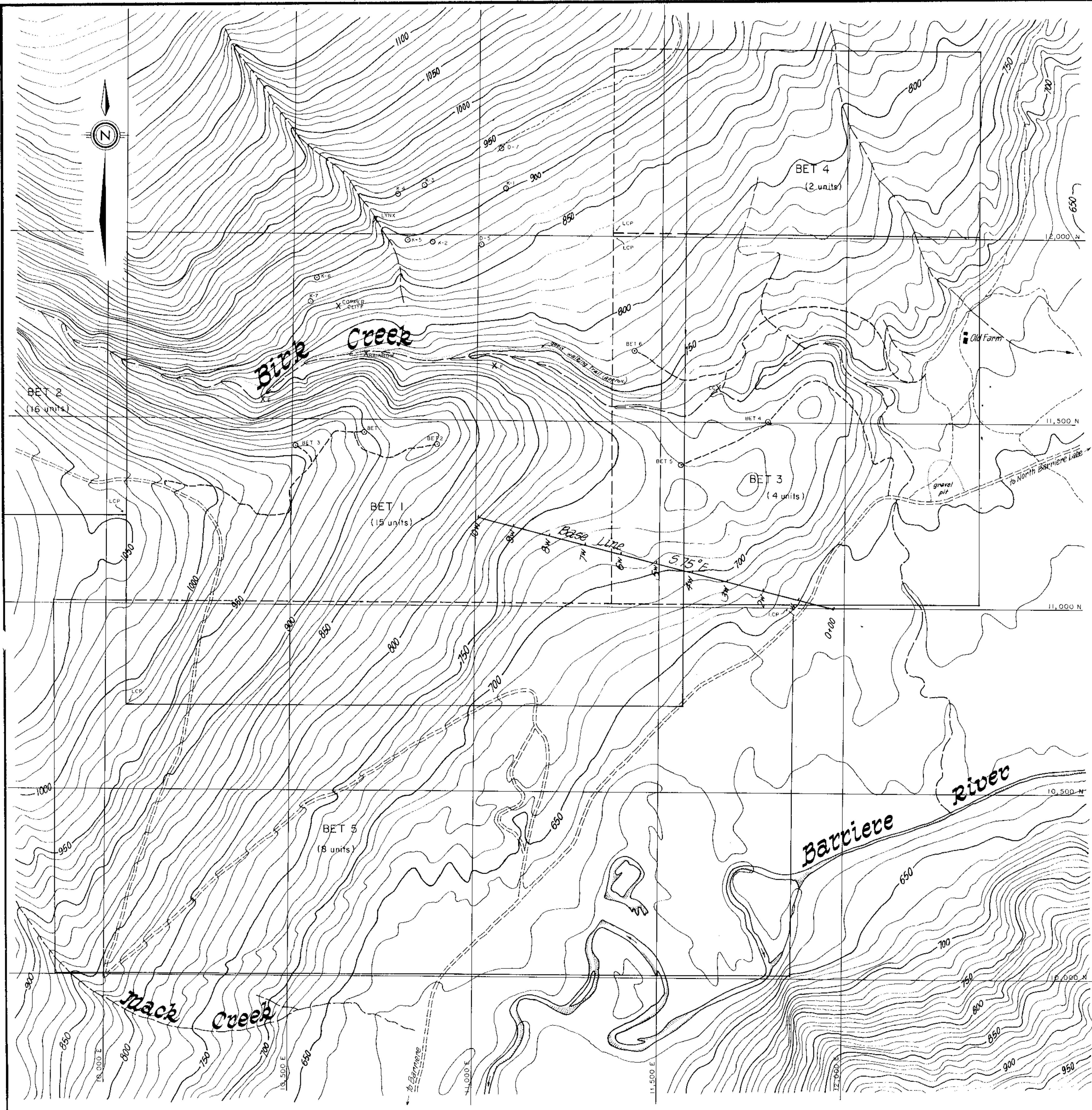
Drill Hole Record



Property	District	Hole No.	6
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

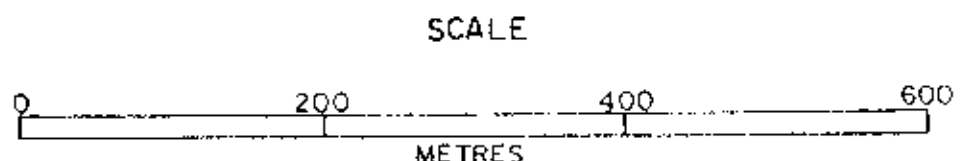
Footage From To	Description	Sample No.	Length	Analysis	Claim	T Brg.	Collar Dip	Elev.	Length
27.4-29.3	Andesite - fine grained green rock; much less chloritic than 8.8 - 15.2 - 1% pyrite.								
29.3-34.5	Dacite - similar to 16.1 - 27.4 but with weak banding composed of more siliceous and more chlorite-sericite rich bands. - 33.5-34.5 m is relatively siliceous.								
34.5-37.8	Andesite - about half of this section is composed of barren quartz veins - andesite is a fine grained banded rock.								
37.8 - 39.6	Dacite - light grey to white with a high sericite content - siliceous lenses (1-5 mm thick).								
39.6-44.2 (end of hole)	Andesite - green, banded rock with alternating 1-5 mm thick chloritic and feldspathic layers - very rare feldspar phenocrysts - trace galena at 40.2.								

MINERAL RESEARCH
6879



LEGEND

- X Mineral Showing.
- LCP BET Claim Boundary with Legal Corner Post Location.
- Main Road.
- Cat Trail (drill access).
- DIAMOND DRILL HOLES**
- K-1 Kennco (1951)
- D-5 Duconex (1971).
- BET-6 Cominco (1978).



6879
NO.

BET PROPERTY		N.T.S. 82 M/5
Drawn by:	Traced by:	LOCATION OF DIAMOND DRILL HOLES
Revised by:	Revised by:	
Scale: 1:5000		Date: JULY, 1978
		Plate: 2