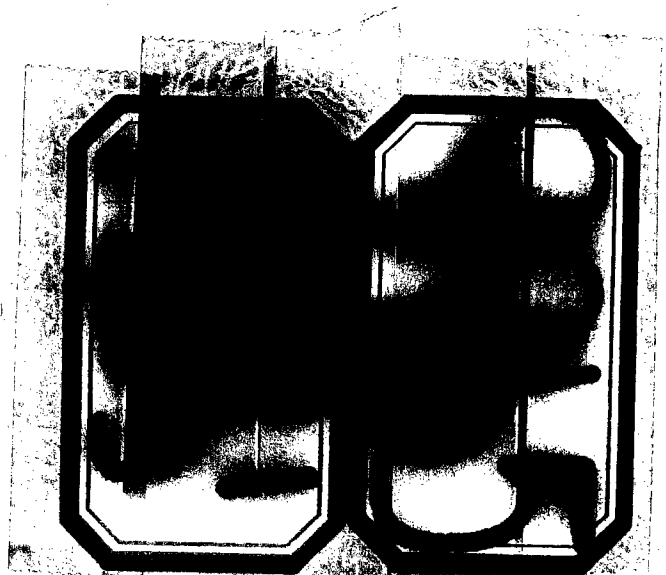


81-1186-9965

ASSESSMENT REPORT  
ON THE  
DIAMOND DRILLING WORK PROGRAMME  
ON THE  
MILLIE MACK CROWN GRANT  
MILLIE MACK PROPERTY  
SLOCAN MINING DIVISION, B.C.  
N.T.S. 82K/4  
LATITUDE: 50° 05' N; LONGITUDE: 117° 50' W  
FOR  
OWNERS/OPERATORS: DAVID MINERALS LTD.  
BY  
M.G. MOONEY, P. ENG.  
DECEMBER, 1981

---



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ON THE  
DIAMOND DRILLING WORK PROGRAMME :  
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MINERAL RESOURCES BRANCH ASSESSMENT REPORT 9965 NO.
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part 1  
of 3

map

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## Introduction

### 2. Property Definition: Continued

#### Crown Granted Mineral Claims

<u>Claim Name</u>	<u>District Lot Numbers</u>
Triumph Crown Grant	4194
Wolf Crown Grant	1830
Inpregnable Crown Grant	4195
Rainbow Crown Grant	4193
Gold Ring Crown Grant	1828
Millie Mack Crown Grant	1831
Black Bear Fr. Crown Grant	14850
H.E.F. Crown Grant	14849
Great Western Crown Grant	2200

Crown Granted Mineral Claims are registered in the Nelson, B.C. Land Registry.

For assessment purposes, these claims have been grouped as follows:

<u>Claim Name</u>	<u>District Lot Numbers</u>
<u>Millie Mack North</u>	
Millie Mack Crown Grant	1831
Triumph Crown Grant	4194
Black Bear Fr. Crown Grant	14850
Heidi 1	2324 (11)
Heidi 2	2325 (11)
SGC	1187 (5)
Ruby	2364 (1)
<u>Millie Mack South</u>	
Gold Ring Crown Grant	1828
Great Western Crown Grant	2210
Wolf Crown Grant	1830
Rainbow Crown Grant	4193
H.E.F. Crown Grant	14849
Heidi 3	2326 (11)
Heidi 4	2327 (11)
WDS	1186 (5)
Jade	2363 (1)

## Introduction

### 1. Location and Access

The Millie Mack Property is situated on Blue Grouse Mountain approximately 16 kilometers East of Burton, B.C. (Fig. 1) - a town located on Highway 6, 38 kilometers South of Nakusp, B.C.

A gravel road along the North side of Caribou Creek, 24 kilometers long leads to the property. This road traverses nearly all the claim group from West to East. The last six kilometers of road switch back steeply up the South slope of Blue Grouse Mountain to the main workings lying at approximately 2100 meters.

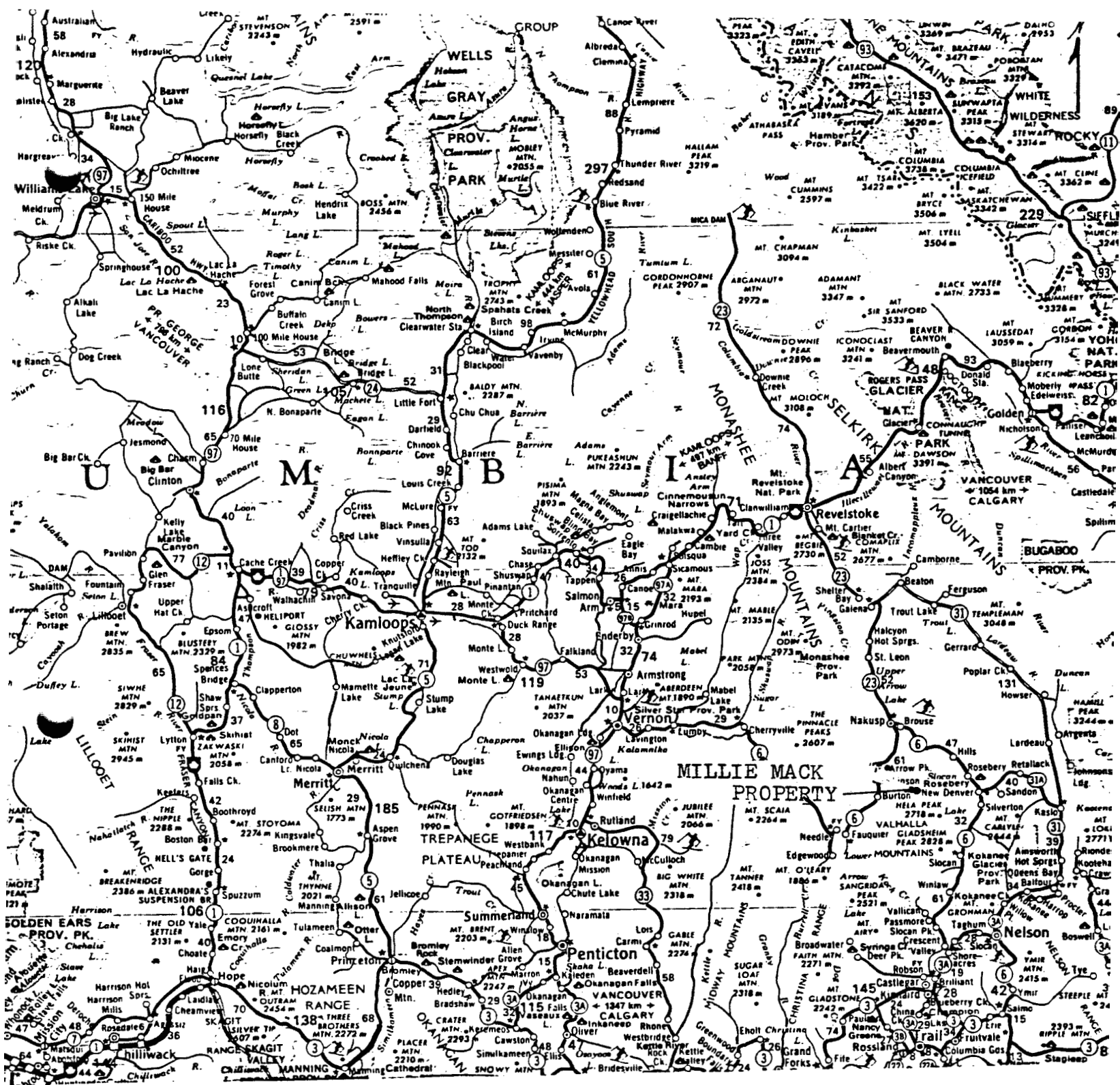
### 2. Property Definition

The Millie Mack Property comprises nine Crown Granted mineral claims and fractions plus 8 staked mineral claims totalling 139 units, encompassing approximately 3425 hectares. (Fig. 2)

<u>Claim Name</u>	<u>Number Units</u>	<u>Record No.</u>
Heidi 1	20	2324 (11)
Heidi 2	10	2325 (11)
Heidi 3	20	2326 (11)
Heidi 4	20	2327 (11)
WDS	20	1186 (5)
SGC	15	1187 (5)
Jade	16	2363 (1)
Ruby	18	2364 (1)

These claims are located in the Slocan Mining Division and are recorded at Kaslo, B.C.

N.T.S. reference maps for the above mineral claims are 82K/4E (M) and 82K/4W (M).



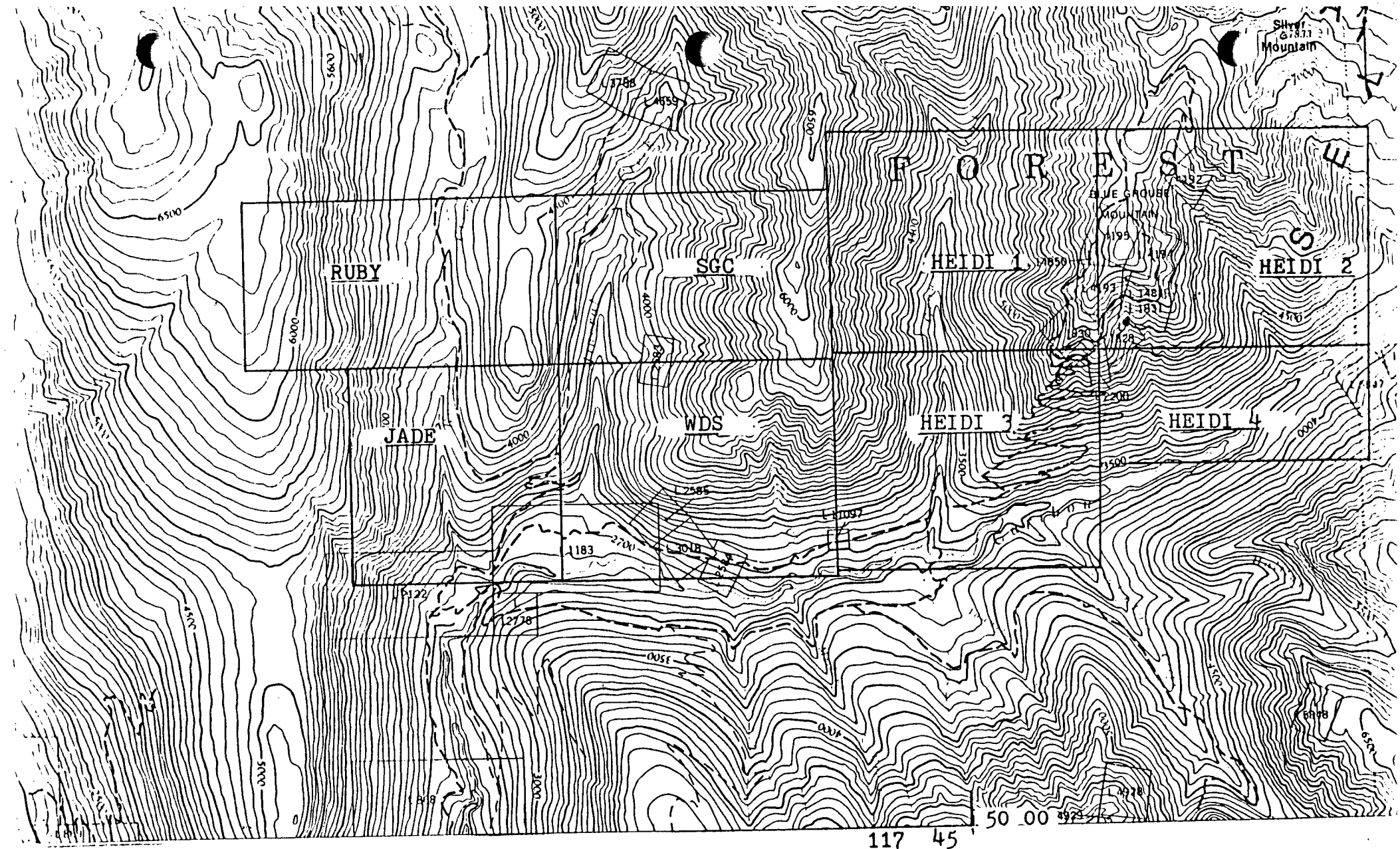
DAVID MINERALS LTD.

MILLIE MACK PROPERTY

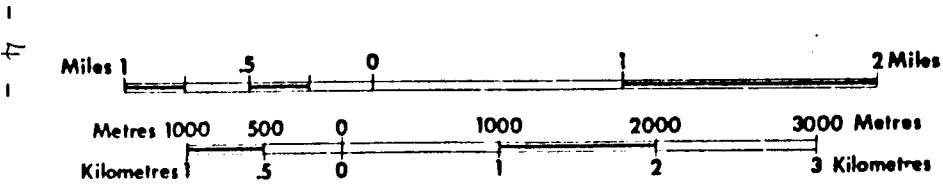
INDEX MAP

DECEMBER 1981

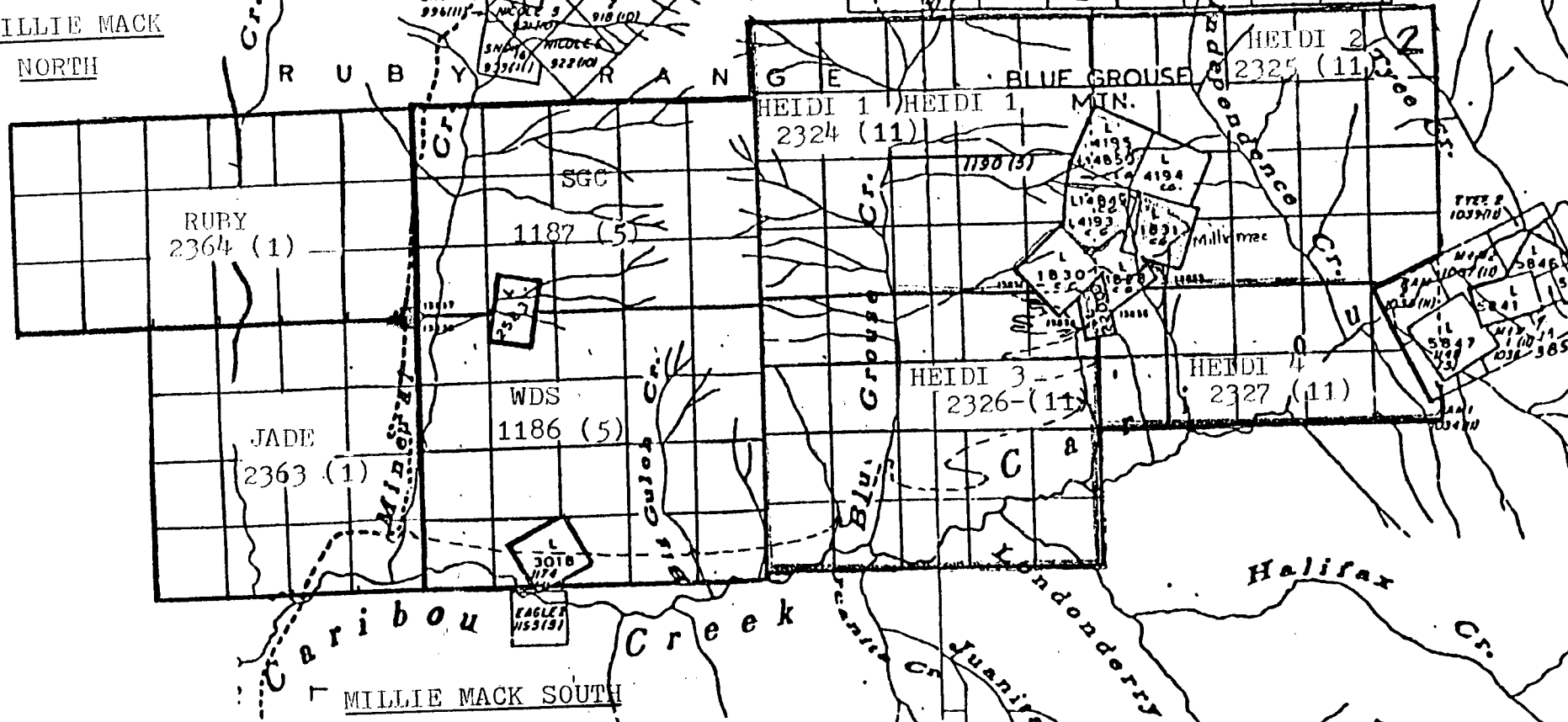
M. G. Mooney,  
P. Eng.



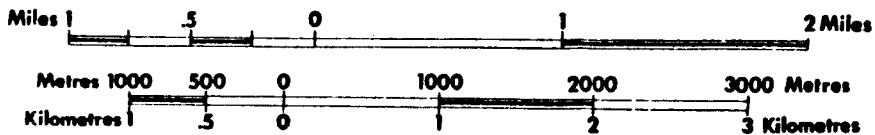
DAVID MINERALS LTD.  
 LOCATION MAP  
 MILLIE MACK PROPERTY  
 N.T.S. 82K/4



MILLIE MACK  
NORTH



Province of British Columbia  
Ministry of Energy, Mines and Petroleum Resources



DAVID MINERALS LTD.  
MILLIE MACK PROPERTY  
CLAIM MAP

DEC. 1981 M. G. MOONEY, P. ENG.



## History

Mineral exploration was initiated in the Millie Mack Crown Grant area about 1895, leading to the early location of the above mentioned nine Crown Grants. A brief review of the early history shows:

1. Acquisition by Kamloops Gold Mining and Development Co. with some shipments starting in 1899.
2. Property was purchased by H. Forster who carried out intermittent development over the next 30 years. Approximately 800 meters of drifting and raising was carried out. According to Mr. Forster's report 450 tons were produced grading as follows:

Au 1.02 oz./t.; Ag 100 oz./t.; Pb 8%/t.; Zn 7%/t.

In 1960, there is a recorded production of 13.9 tons grading:

Au 0.44 oz./t.; Ag 9.8 oz./t.; 3.7% combined PbZn/t.

In 1967, Richwood Silver acquired the property and carried an exploration program covering geological mapping, bulldozer trenching, channel sampling of trenches, and dump samples. Richwood Silver shipped 24.4 tons grading:

Au 0.22 oz./t.; Ag 9.0 oz./t.; 3.3 combined PbZn/t.

Geophysical and geochemical surveys were carried over the Crown Grants and a portion of the RWS and WDS claims in 1971 and 1972.

In 1979, Messrs. Craik and Smith of Kelowna, B.C. operated a trommel - jig, and produced approximately 80 tons grading:

Au 0.22 oz./t.; Ag 8.4 oz./t.; Pb 1.24%/t.; Zn 0.86%/t.;  
SiO<sub>2</sub> 61%/t.

During 1980, Semper Resources Inc. carried out a program consisting of gridding and soil sampling the Millie Mack Crown Grant area. 54 Rotary drill and 5 Diamond drill holes were put down for structure and sample purposes. A bulk sample was shipped to Trail, B.C. The access road was upgraded.

## History: Continued

During 1981, reconnaissance soil sampling was carried out over the western portion of the claim group. Stripping on the Billie P, Great Western, Millie Mack, and the Black Bear for additional bulk sampling purposes was carried out. Over seven hundred tons of bulk samples were taken, of this five hundred tons of bulk samples were shipped to David Minerals Ltd. for testing and concentrating. Two hundred tons are stored at Blue Grouse Creek. Additional road reconstruction was carried out. The Ruby and Jade claims totalling 36 units were acquired by staking on the western boundary of the property.

## Geology

The top of Blue Grouse Mountain is composed of an isolated pendant of pelites and argillite of the lower Slocan Group. Faulted and sheared sequences of graphitic argillite and schist at the base of this pendant, overlie a footwall of andesite/dacite have been mapped as part of the Rossland Group Volcanics and are considered to be lower Jurassic and Triassic Age. Mineralization occurs in the graphitic argillite/schist. Repeated movements have reduced the original quartz veins carrying galena and sphalerite to material varying from microscopic grains to boulders several tons in size. Boulders and footwall show slicken sides and rounding from the repeated movements. Distribution of the mineralization throughout the graphitic schist varying three to ten meters in thickness is erratic and presents a difficult sampling problem.

Sufficient exploration work and sampling have not been performed in order to arrive at a grade and tonnage.

## Drilling

Five diamond drill holes were put down on the Millie Mack Crown Grant to test the continuity of the flat lying shear zone underlying the top of Blue Grouse Mountain and to assay the same.

Continuity of the shear zone was established with an apparent thinning to the west. Mineralization noted was similar to that of the main Millie Mack trenches - although values in gold, silver, lead and zinc were essentially lower. All holes were terminated in the andesite footwall.

Olympic Drilling Consultants of Vancouver, B.C. supplied a Longyear Super 38 on a footage basis. J. G. Ackles Ltd. of Fording, B.C. supplied a water truck on a 24 hour basis. H. C. Command of Nakusp, B.C. supplied a D-6 Bulldozer to mobilize the drill on and off the property and to the various drill sites.

### Drilling and related costs

Olympic Diamond Drilling costs for 576.31 m. of NQ core were:	<u>\$60,612.45</u>
Charge number 1159 - Dated Nov. 08, 1980 Period Oct. 25, 1980 to Nov. 07, 1980	
Bulldozer costs - H. C. Command, Nakusp, B.C. 20 hours @ \$60.00 per hour (D-6 Cat) Swamper @ \$50.00 per day x 3 days	<u>\$1,200.00</u> <u>150.00</u>
Total Bulldozer costs Through period Oct. 25, 1980 to Nov. 07, 1980 Part of charge number 1150	<u>\$1,350.00</u>
Water Truck costs - J. G. Ackles, Fording, B.C. Period Oct. 27, 1980 to Nov. 07, 1980 Charge number 1149	<u>\$7,090.00</u>
Bow Mac Truck rental Charge number 1189 Date Nov. 06, 1980	<u>\$947.91</u>
Acme Analytical Labs, Vancouver, B.C. Assay charges Charge number 1185	<u>\$81.00</u>

Drilling: Continued

Drilling and related costs: Continued

Supervision:

14 days @ \$100 per day	\$1,400.00
Truck \$25.00 per day x 14 days	350.00
Lodging and Meals \$40.00 per day x 14 days	<u>560.00</u>

Total cost of Supervision \$2,310.00

Total Charges for Drilling \$72,651.36

Note.

Copies of all bills cited under a specific charge number are filed in the company office and are available by citing the charge number.

Map showing drill collar locations and claim relationship is supplied in Appendix # (in pocket)

Five diamond drill holes totalling 576.31 meters - NQ size - were drilled and are as follows:

	<u>Dip</u>	<u>Departure</u>	<u>Depth</u>	<u>Elevation</u>
D.D.H. #1	Vertical		133.5 m.	1903.9 m.
D.D.H. #2		- 50 @ N30° E	172.8 m.	1903.9 m.
D.D.H. #3		- 50 @ N73° E	93 m.	1903.9 m.
D.D.H. #4		- 50 @ N10° W	137.7 m.	1903.9 m.
D.D.H. #5	Vertical		39.31 m.	1871.3 m.

Drill logs are attached in Appendix #

Drill cores are stored at Burton, B.C. on premises leased by David Minerals Ltd.

Assays on the sampled sections were done by Acme Analytical Labs, of Vancouver, B.C. Assay results are attached in Appendix # Sample numbers on the appropriate drill log correlate to the corresponding numbers on assay sheets.

C E R T I F I C A T E

I, Malcolm, G. Mooney, with business and residential address at Box 2027, Station "R", Kelowna, B.C., do hereby certify that:

1. I am a graduate of the University of British Columbia (B.A. Geology, 1956).
2. I am a registered Professional Engineer of the Province of British Columbia. Reg. No. 8148
3. I have practiced my profession continuously since graduation.

December 10, 1981

Respectfully submitted,

*M. G. Mooney*

M. G. Mooney, P. Eng.

Kelowna, B.C.



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C. V6A 1R6

Telephone: 253 - 3158

To: Mr. M. Mooney,  
P.O. Box 2027,  
Stn. "R"  
Kelowna, B.C.  
V1X 4K5

File No. 80-1498

Type of Samples Core

Disposition \_\_\_\_\_

# ASSAY CERTIFICATE

No.	Sample	Pb%	Zn%	Ag oz/ton	Au oz/ton			No.
1	38237	.01	.03	.03	.002			1
2	38238 ✓	.01	.03	.05	.003			2
3	38239	.06	.05	.75	.009			3
4	38240 ✓	.01	.01	.04	.001			4
5	38241	.01	.03	.06	.001			5
6	38242 ✓	.01	.04	.05	.001			6
7	38243	.01	.01	.03	.001			7
8	38244 ✓	.01	.02	.21	.032			8
9	38245	.01	.01	.03	.003			9
10	38246	.01	.01	.02	.001			10
11	38247	.01	.01	.03	.001			11
12	38248	.02	.01	.03	.002			12
13	38249	.01	.02	.05	.003			13
14	38250	.01	.01	.02	.002			14
15	38251	.01	.01	.01	.001			15
16	38252	.01	.04	.01	.001			16
17	38253	.01	.01	.01	.001			17
18	38254	.01	.01	.02	.001			18
19								19
20								20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Nov. 26, 1980

DATE REPORTS MAILED Dec. 2, 1980

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Mr. M. Mooney

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C. V6A 1R6

Telephone: 253 - 3158

File No. 80-1498

Type of Samples Core

Disposition

# ASSAY CERTIFICATE

2

No.	Sample	Pb%	Zn%	Ag oz/ton	Au oz/ton			No.
1	38255	.01	.01	.01	.001			1
2	38256	.01	.01	.13	.002			2
3	38257	.01	.02	.24	.004			3
4	38258	.02	.02	.29	.004			4
5	38259	.01	.02	.14	.003			5
6	38260	.01	.03	.28	.006			6
7	38261	.01	.06	.19	.005			7
8	38262	.01	.01	.03	.001			8
9	38263	.01	.03	.51	.004			9
10	38264	.01	.02	.13	.005			10
11	38265	.01	.01	.08	.004			11
12	38266	.02	.03	.35	.006			12
13	38267	.01	.02	.19	.005			13
14	38268	1.19	.03	3.90	.520	big Arsenopyrite - open pit area		14
15	38269	.98	.06	4.32	.310	rusty gte		15
16	38270	.03	.08	.28	.008	yellow stained argillite		16
17	22221	.06	.11	.38	.014			17
18								18
19								19
20								20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Nov. 26, 1980

DATE REPORTS MAILED Dec. 2, 1980

ASSAYER

*Dean Toyne*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER

Property: Millie Mack  
 Location: Blue Grouse Mtn. B.C.  
 N.T.S. 82K/4E (M)  
 D.D.H. #1 'NQ'  
 Date Started 26/10/80

Angle: Vertical  
 Date Finished 29/10/80

Date: Nov. 1980  
 Departure:  
 Total Depth: 133.5m  
 ELEV. 1903.4m

Depth	Rock Type	Alteration	Remarks
0-5.17m	Casing		
0-51.27m	Slocan sediments	minor limonite on joints minor qtz., calcite, seams @ 30°, 60°-70° to core axis. minor pyrite as fillings on joints & clia's'd.	Graphite on slips @ 6.1m 39.6m 41.15m-45.4m increase in pyrite & qtz.
48.1m-50.9m	black graphitic argillite	pyrite, graphite	well crushed, sheared qtz. fragments.
*48.1m-49.6m	S.N° 38 266		
49.6m-50.9m	S.N° 38 267		
50.6m-51.8m	gradational to andesite	silicified, pyrite as disseminations	gradational footwall contact. 70°-- 80° to core axis.
51.8m-133.5m	Andesite	silicified, trace pyrite minor chlorite, epidote, calcite on joints.	75.3m-75.9m crush zone qtz. chl. @ 70°- 80° to core axis. 89.6m 2.54cm qtz. vein, tr. py. 70° to core same at 93.2m, 95.7m, some qtz. epidate, pyrite. chl. on joints
113.6m-119.2m	Andesite,	coarser grained, traces of graphite or slips 119.4m-121m - slight increase in mafics	@ 116.4m - 2.54cm qtz. vn. @ 85° to core axis
121m-133.5m	Andesite as in 51.8m - 113.6m		

End Hole



Property: Mille Mack  
 Location: Blue Grouse Mt., B.C.  
 N.T.S. 82K/4E (M)  
 D.D.H. #2 'NQ' Angle - 50°  
 Date Started 29/10/80

Date: Nov. 1980  
 Departure N 30°E  
 Total Depth 172.8m  
 ELEV. 1903.4m

Date Finished 31/10/80

Depth	Rock Type	Alteration	Remarks
0-3.35m	Casing		
0-53.3m	Slocan Sediments argillite, shale, silt- stone, tuff.	minor qtz, lim, hem. on joints, pyrite as blebs & disseminations	@ 13.7m - minor qtz. @ 70° @ 32m - sl. increase in quartz & pyrite, 30° to core axis
53.3m-57.9m	graphitic argillite	graphite, pyrtie, pbs. quartz	crush zone, graphite, py. well sheared, qtz. frag- ments.
* 53.3m-54.8m	S.N° 38 262		
54.8m-56.3m	S.N° 38 263		
56.3m-57.9m	S.N° 38 264		
57.9m-59.4m	S.N° 38 265		
57.9m-59.4m	Andesite		gradational into andesite pyrite diss'd plus silifi- cation
59.4m-78.2m	Andesite		70.4m-71m - barren qtz.
78.2m-88.4m	Syenite	81.6m-87.2m	@ 10° to core axis. brecciated, jointing 60°, 70° @ 86.2m - 12.7cm qtz.vn tr. pyr. 45° to core axis.
88.4m-172.8m	Andesite	92.3m-97.5m	iner. fracturing † to core axis, minor qtz. vns. @ 70° to core.
		103.3m-103.9m	iner. in qtz. veins, tr. pyr. crush zone, qtz, cal, chl. on fractures. 70° - † parallel to core axis

D.D.H. #2 cont'd.

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Depth	Rock Type	Alteration	Remarks
94.5m-130.7m	Andesite	clastic breccia	125m - tr. pyrite 128.3m - 15.2cm gouge, trac graphic, pyrite @ 60°-70° to core axis
130.7m-172.8m	Andesite		152.1m-155m - crush zone graphite, chl., qtz., pyrite @ 50° to core axis.  + 95% Rec'y thruout
172.8m	End Hole		

Property: Millie Mack  
 Location: Blue Grouse Mtn., B.C.  
 N.T.S. 82K/4E (M)  
 D.D.H. #3 N'Q'  
 Date Started 31/10/80

Date: Nov/80

Angle 50°  
 Date Finished 2/11/80

Departure: N75° E  
 Total Depth 93m

ELEV. 1903.4 m.

Depth	Rock Type	Alteration	Remarks
0-1.83m	Casing		
0-70.1m	argillite, shale, silt-stone, tuff (Kaslo)	lim; hem., minor qtz., calcite on joints, pyrite as blebs & disseminations.	Joint pattern 50°- 60°
20.4m-25.6m			shearing 30° to core axis, mullion, minor qtz., sprse pyr. as blebs & disseminations 80% rec'y
* 30.4m-31.1m	graphic argillite S.N° 38 252		sheared, pyrite, minor qtz.
31.1m-33.8m	altered Slocan Seds.	increased silicified calcite, limonite, pyrite on joints	jointing 30°, 60° to core axis
33.8m-57m	Slocan Seds		minor quartz & pyrite @ 52.4m, 53m, 55.5m, shearing ± 90° to core axis
57m-70.1m	graphitic argillite	Note: Shearing on 70° slip is 90°	sheared, mullioned, pyrite, PbS
* 57m-58.5m	S.N° 38 253		
58.5m-60m	S.N° 38 254		
60m-61.5m	S.N° 38 255		
61.5m-63.1m	S.N° 38 256		shearing <u>30°</u> , 70° to C/A
63.1m-64.6m	S.N° 38 257		
64.6m-66.1m	S.N° 38 258		
66.1m-67.6m	S.N° 38 259		
67.6m-69.2m	S.N° 38 260		
69.2m-70.1m	S.N° 38 261		
70.1m-73.4m	Andesite	pyritized, silicified	
73.4m-93m	Andesite		trace pyrites as blebs & disseminations - minor quartz on fractures @ 30° to core axis
93m	End Hole + 95% Rec'y		

Property: Millie Mack

Location: Blue Grouse Mtn. B.C.

Date: Nov. 1980

N.T.S. 82K/4E (M)

D.D.H.#4 'NQ'

Angle - 50°

Departure: N 10°W

Date Started 2/11/80

Date Finished 4/11/80

Total Depth 137.7m

ELEV. 1903.4 m

---

Depth	Rock Type	Alteration	Remarks
0-2.74m	Casing		
0-60.9m	argillite, shale, silt-stone, tuff. (Kaslo sediments)	limonite, pyrite, calcite, quartz on joints, occ. as disseminations	
7.3m-8.8m			breccia, qtz, calcite matrix shearing 80°, 60° to core axis. bedding 65°, minor graphite.
18.6m-18.9m			heavy mullion 70° to C.A. quartz, calcite cement-minor pyrite
24.1m-25m			as in 18.6m-18.9m @ 79' mullion 75° to C.A.
52.4m-54.8m			increased mullion, pyrite
54.8m-60.9m	graphitic argillite	qtz, fragments, pyrite Pb S as specks, biotite to sericite (± 60.9m)	some mullion parallel to C.A.
* 54.8m-56.4m	S.N° 38.247		
56.4m-57.9m	S.N° 38.248		
57.9m-59.4m	S.N° 38.249		
59.4m-60.9m	S. N° 38.250		
60.9m-62.5m	Altered andesite	pyritized, silicified minor graphite	
* 65.2m-65.4m	S.N° 38.251		crushed 15.2cm qtz., calcite, pyrite, Pb S as specks 40° to core axis
69.2m			qtz. veinlets @30° to C.A. some pyrite, chlorite on slips

D.D.H #4 cont'd.

Depth	Rock Type	Alteration	Remarks
80.7m-83.2m			pyr. as bleb in qtz, cal.
89m			1.3cm qtz. seam @ 60° to C.A.
100.3m			jointing 45°, 70°, 85°
104.2m			minor qtz., cal. breccia @ 80° to core axis mullion parallel to core axis
105.7m			3.85cm qtz. vein, re-fractured pyr. as blebs <u>85°</u> to C.A.
116.7m-121.3m	andesite breccia		increased quartz, pyrite, calcite monor graphite on fractures 45° to C.A.
121.3m-137.7m	Andesite		
137.7m	End Hole		
	+ 95% rec'y thruout		

Property: Millie Mack  
 Location: Blue Grouse Mtn, B.C.  
 N.T.S. 82K/4E (M)  
 D.D.H. #5 'NQ' Angle 90°  
 Date Started 4/11/80

Date: Nov/1980

Date Finished 5/11/80

Total Depth: 39.31m

ELEV. 1871.3 m.

Depth	Rock Type	Alteration	Remarks
0-2.7m	casing		
0-36.6m	argillite, shale, silt-stone, tuff Kaslo Seds.	limonite, hematite, quartz calcite as coatings & fillings on joints	Fractures, 20°, 50°, 70° to core axis shearing to C.A.
* 12.3m-13.1m	pyritized argillite S.N° 38 237		
15.8m-19.8m	pyritized argillite	Fe stained	
* 17.3m-19.8m	S.N° 38 238		
19.8m-23.1m	graphitic argillite 75% Rec't. S.N° 38 239	graphite, pyrite, qtz.	all well sheared, qtz. as fragments pyr. as blebs
* 23.1m-24.9m	S.N° 38 240 syenite dyke		
* 26.06m-28.6m	graphic argillite S.N° 38 241		qtz. fragments, pyrite graphite - well sheared.
* 28.6m-32.6m	S.N° 38 242	argillite more silicified	quartz seamlets, pyrite.
32.6m-34.1m	S.N° 38 243	graphitic argillite	pyrite, PbS., Zn S (?)
34.1m-35.6m	S.N° 38 244		
35.6m-36.8m	S.N° 38 245		
36.8m-37.2m	andesite, dark grey		2m - 4mm qtz. seams @ 60° to C.A. fine pyr. diss'd 85° to core axis
37.2m-38.1m	quartz vein 2.54cm in silicified andesite	vuggy qtz. crystals, minor limonite	
* 37.2m-38.1m	S.N° 38 246		
39.3m	Andesite End Hole	about 95% Rec'y thruout	

*Handwritten signature*



Province of British Columbia  
 Ministry of Energy, Mines and Petroleum Resources  
 MINERAL RESOURCES BRANCH-TITLES DIVISION

MINERAL ACT

FORM 1

# NOTICE TO GROUP

Mining Division SLOCAN Location 20 km ENE of Burton, B.C.

Name of group MILLIE MACK NORTH Map No. 82K/4 E. & W.

We, the undersigned owners\* of the following adjoining claims, desire to group them according to the provisions of the *Mineral Act*:-

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner Certificate No.
RUBY	18	2364	1	Semper Resources Inc. <i>P. W. Richardson</i>	208115
HEIDI 1	20	2324	11	Wayne D. Smith <i>P. W. Richardson</i>	208893 agent 193463
HEIDI 2	20	2325	11	Wayne D. Smith <i>P. W. Richardson</i>	208893 agent 193463
S. G. C.	15	1187	5	Stanley G. Craik R. Paul Beckmann <i>[Signature]</i>	(deceased) Solicitor to estate
(Crown Grants)		Lot No.			
TRIUMPH		4194	-		
IMPREGNABLE		4195	-		
MILLIE MACK		1831	-		

\* May be signed by agent on behalf of owner.



**Province of British Columbia**  
 Ministry of Energy, Mines and Petroleum Resources  
 MINERAL RESOURCES BRANCH—TITLES DIVISION

**MINERAL ACT**

FORM 1

# NOTICE TO GROUP

Mining Division SLOCAN Location 20 km ENE of Burton, B.C.

Name of group MILLIE MACK SOUTH Map No. 82 K/4 E & W

We, the undersigned owners\* of the following adjoining claims, desire to group them according to the provisions of the *Mineral Act*:—

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner Certificate No.
JADE	16	2363	1	Semper Resources Inc. <i>P. W. Richardson</i>	208115 208893 agent
JUANITA FRACTION	1	2192	9	Semper Resources Inc. <i>P. W. Richardson</i>	208115 208893 agent
HEIDI 3	20	2326	11	Wayne D. Smith <i>P. W. Richardson</i>	193463 208893 agent
HEIDI 4	10	2327	11	Wayne D. Smith <i>P. W. Richardson</i>	193463 208893 agent
W D S	20	1186	5	Stanley G. Craik R. Paul Beckmann <i>P. W. Richardson</i>	(deceased) Solicitor to Estate
(Crown Grants)		Lot No.			
RAINBOW QUARTZ		4193	-		
GOLD RING		1828	-		
WOLF		1830	-		
HEP FRACTION		14849	-		
BLACK BEAR FRACTION		14850	-		
GREAT WESTERN		2200	-		

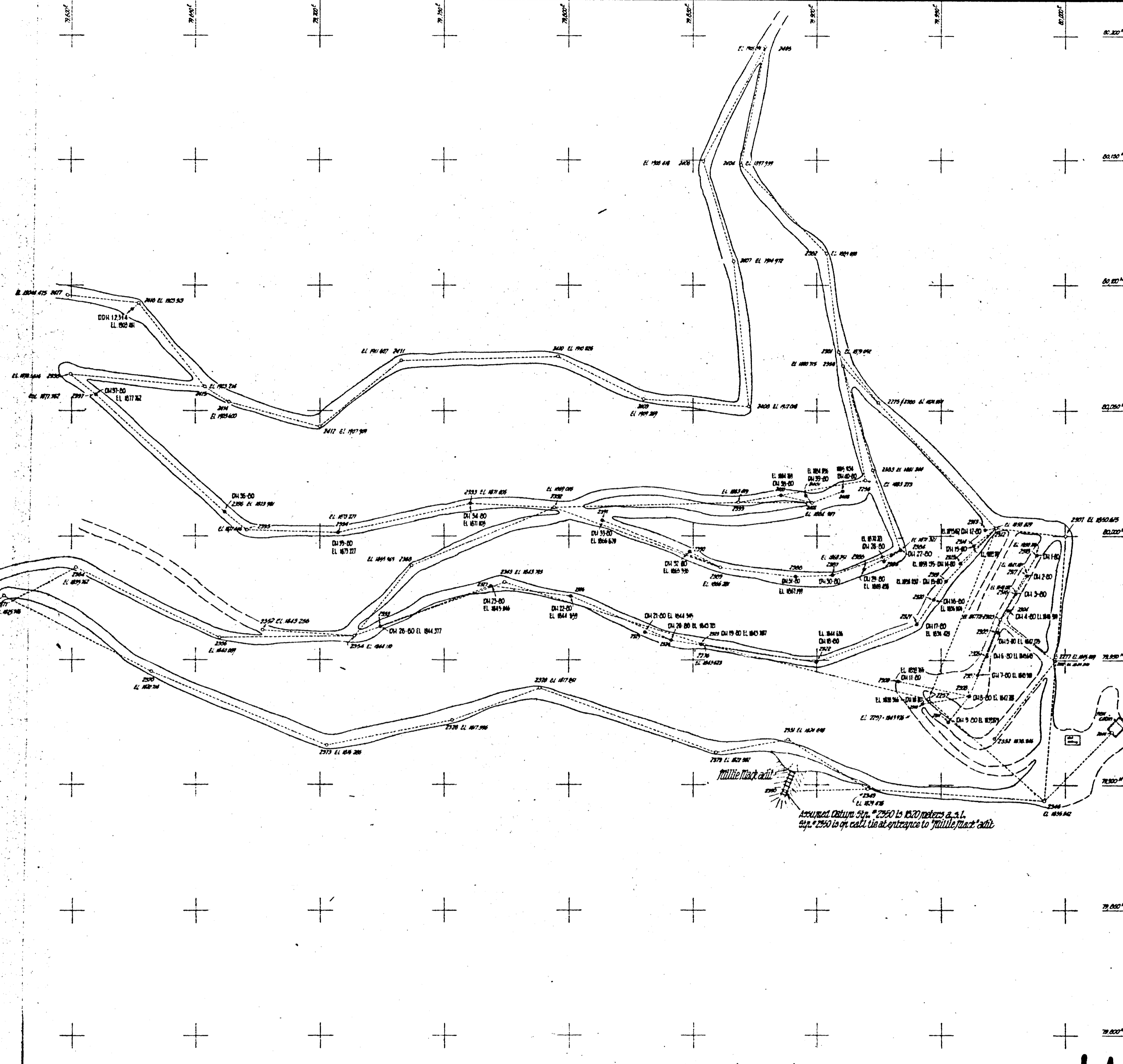
\* May be signed by agent on behalf of owner.



## APPENDIX

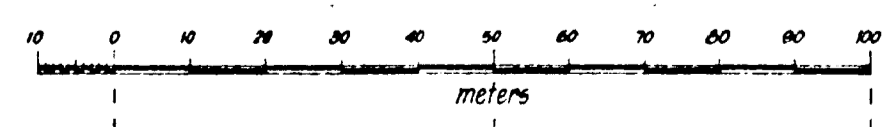
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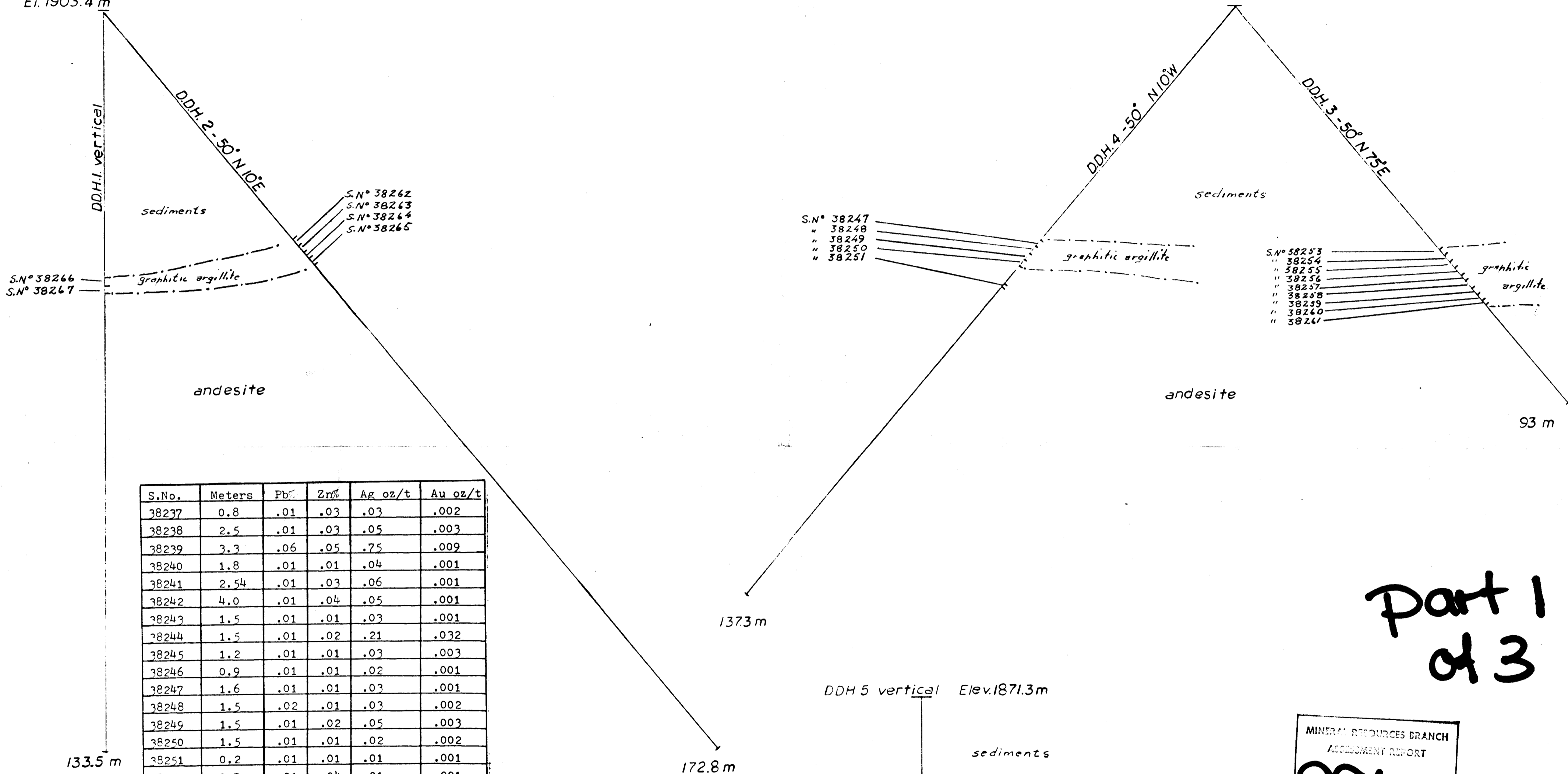
DAVID MINERALS LTD  
"Mulle Mack" Property, Blue Grouse Mountain, Burton, B.C.  
Slocan Mining Division Reference Map 82<sup>k</sup>/4<sup>F</sup>  
Transit Survey of roads and drill holes, 1980.

part 1  
of 3



MINERAL RESOURCES BRANCH  
ACTING ASSISTANT  
9965

DDH.1,2,3,4, common collar  
Ei. 1903.4 m



S.N° 38266  
S.N° 38267

S.N° 38262  
S.N° 38263  
S.N° 38264  
S.N° 38265

S.N° 38247  
" 38248  
" 38249  
" 38250  
" 38251

S.N° 38253  
" 38254  
" 38255  
" 38256  
" 38257  
" 38258  
" 38259  
" 38260  
" 38261

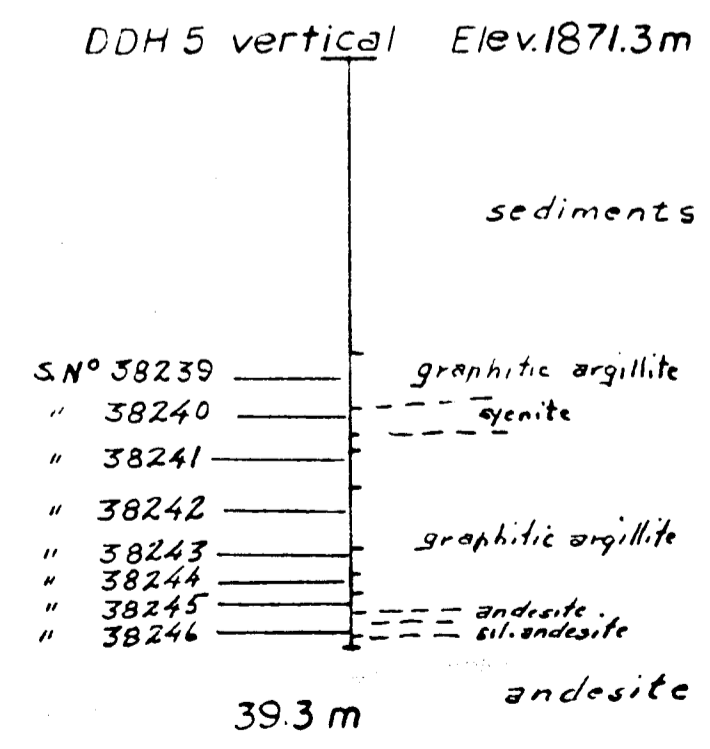
S.No.	Meters	Pb%	Zn%	Ag oz/t	Au oz/t
38237	0.8	.01	.03	.03	.002
38238	2.5	.01	.03	.05	.003
38239	3.3	.06	.05	.75	.009
38240	1.8	.01	.01	.04	.001
38241	2.54	.01	.03	.06	.001
38242	4.0	.01	.04	.05	.001
38243	1.5	.01	.01	.03	.001
38244	1.5	.01	.02	.21	.032
38245	1.2	.01	.01	.03	.003
38246	0.9	.01	.01	.02	.001
38247	1.6	.01	.01	.03	.001
38248	1.5	.02	.01	.03	.002
38249	1.5	.01	.02	.05	.003
38250	1.5	.01	.01	.02	.002
38251	0.2	.01	.01	.01	.001
38252	0.7	.01	.04	.01	.001
38253	1.5	.01	.01	.01	.001
38254	1.5	.01	.01	.02	.001
38255	1.5	.01	.01	.01	.001
38256	1.6	.01	.01	.13	.002
38257	1.5	.01	.02	.24	.004
38258	1.5	.02	.02	.29	.004
38259	1.5	.01	.02	.14	.003
38260	1.6	.01	.03	.28	.006
38261	0.9	.01	.06	.19	.005
38262	1.5	.01	.01	.03	.001
38263	1.5	.01	.03	.51	.004
38264	1.6	.01	.02	.13	.005
38265	1.5	.01	.01	.08	.004
38266	1.5	.02	.03	.35	.006
38267	1.3	.01	.02	.19	.005

133.5 m

137.3 m

172.8 m

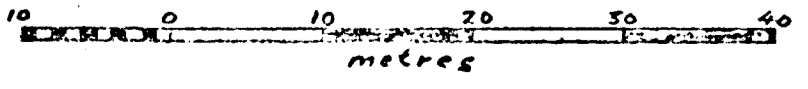
93 m



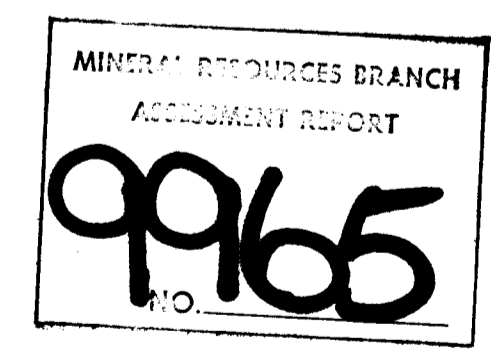
S.N° 38239  
" 38240  
" 38241  
" 38242  
" 38243  
" 38244  
" 38245  
" 38246

39.3 m

Scale: 1:500



Part 1  
of 3



DAVID MINERALS LTD  
DIAMOND DRILL HOLES  
MILLIE MACK PROPERTY BURTON, B.C.

DEC, 1980

M. S. Mooney, P. Eng.