

180-#844-H 8130

DIAMOND DRILLING

REPORT ON

TRUMAN GROUP

SALMO AREA

NELSON MINING DIVISION

82F3 E & W 49° 05' 117° 15'

for

MENTOR EXPLORATION AND DEVELOPMENT CO. LTD.

by

J.W. MacLeod, P. Eng.

VANCOUVER, B.C.

MAY 27, 1980

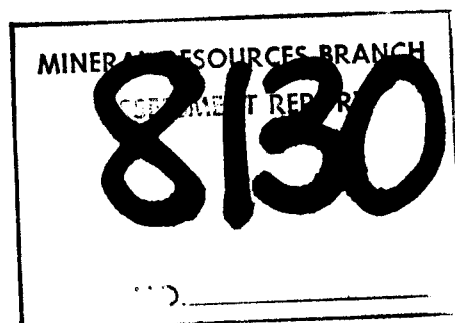


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DIAMOND DRILLING REPORT

on

TRUMAN GROUP

SALMO, B.C.

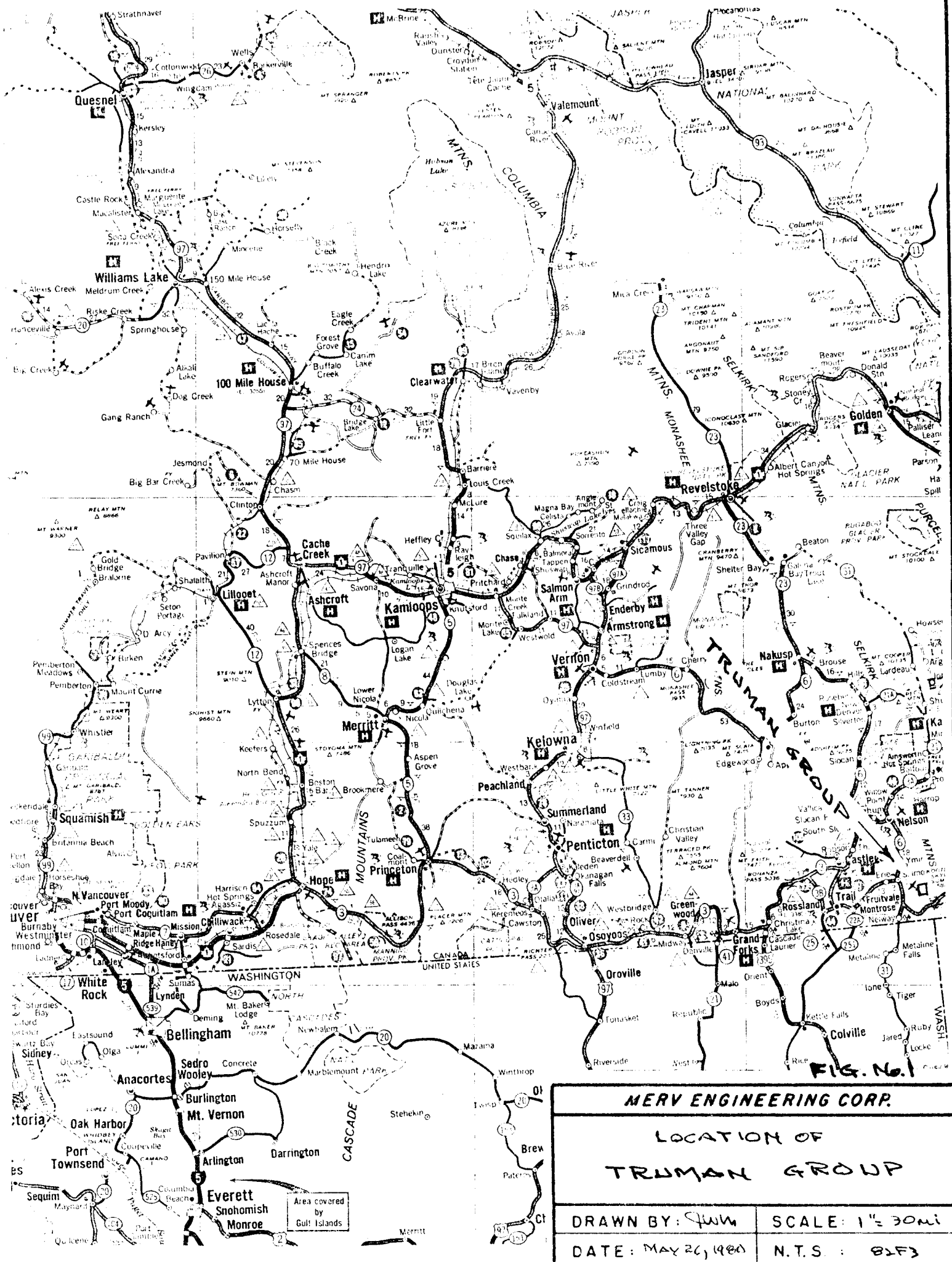
INTRODUCTION

The following report has been compiled to fulfil the requirements of the Dept. of Mines, Energy and Petroleum Resources for filing diamond drill expenses for assessment purposes.

SUMMARY

Mentor Exploration and Development Co. Ltd. has under option a large block of ground in the vicinity of and including the old Emerald Tungsten property on which a diamond drill program is being carried out to explore for the down plunge extension of the previously mined Emerald orebodies.

The Truman Group is a portion of the Mentor option and two holes, M3 and M4 have been completed on this group.

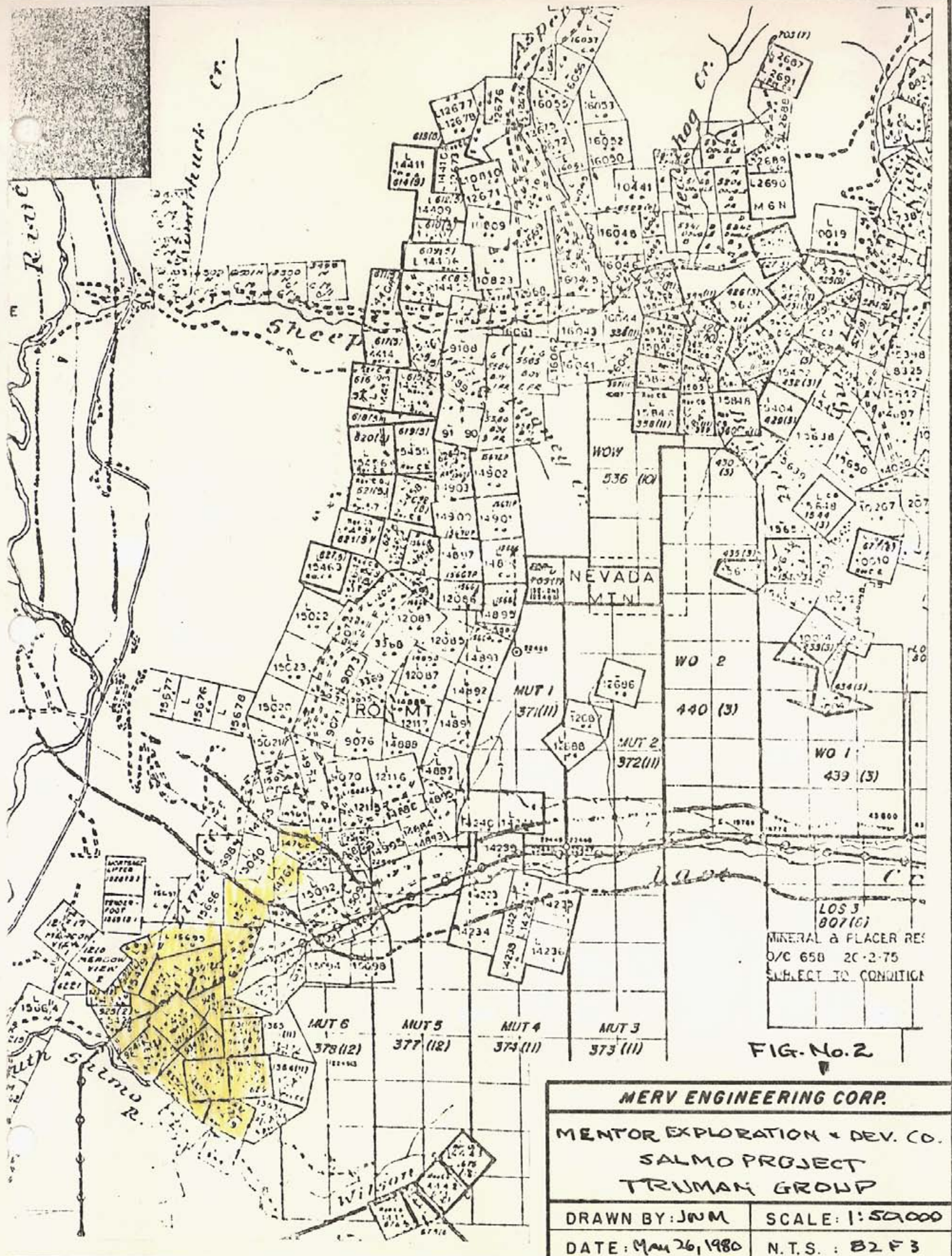


PROPERTY

The Truman Group consists of the following Crown Grants and reverted Crown Grants:

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>CROWN GRANT LOT NO.</u>
Truman No. 1	629	15468
Truman No. 3	630	15469
Truman No. 8	922	15429
Truman No. 9	923	15432
Truman No. 10	924	15433
Truman No. 11 Fr.	925	15434
Truman No. 5	926	15435
Truman No. 7	927	15436
Truman No. 12 Fr.	928	15437
Truman No. 13 Fr.	930	15438
Truman No. 6	931	15439
Truman No. 14 Fr.	932	15466
Truman No. 2	933	15467
Truman No. 4	934	15470
Contact	-	14762
Comet	-	14761
Den No. 1 Fr.	-	15041
Tungsten King No. 1 Fr.	-	14766

Holes 3 and 4 are located in the Contact Crown Grant.



LOCATION & ACCESS

The Emerald Tungsten property is located 11 km south of Salmo and is accessible via 6 km of highway 3, then 7 km of good gravel road up the hill to the tungsten occurrences at elevation 1150 meters. The Truman Group is at the south end of the Mentor option and straddles Lost Creek.

HISTORY

The Truman claims are reverted Crown Grants held for many years by American Zinc Co. (now Azcon) There are lead-zinc occurrences in the Reeves limestone on the south side of Lost Creek and these have been drilled. The ground was acquired as two post claims for its tungsten possibilities.

GEOLOGY

The geology of the Salmo area is covered by B.C. Dept. of Mines Bulletin No. 41 by Fyles and Hewlett. Figure 3, taken from Bulletin 41, shows the geology in the vicinity of the Truman Group.

Here, as in all of the Kootenay Arc, the Reeves Limestone is the significant unit since it hosts the lead-zinc and tungsten orebodies. Through the property, the limestone is found as an over-turned anticline.

The main tungsten orebodies occur as replacements in the limestone close to the upper contact with the Emerald Argillite where these rocks are intruded by granite. At the Emerald zone, this contact plunges to the south at 25° and is referred to as a "trough."

DIAMOND DRILLING

Mentor Exploration and Development Co. Ltd. instigated a program to explore for the extension of the Emerald ore zone down plunge to the south. This program anticipated a hole depth of 500 to 550 meters and holes 1 and 2 confirmed this interpretation but holes 3 and 4, drilled on the Truman Group, intersected granite much higher than expected. If this is the main granite mass and not a dike, the favourable "trough" will be located 150 meters to the west as shown on Figure No. 4.

RECOMMENDATIONS

A drill hole is recommended to test the position of the favourable "trough" as indicated by the results of holes 3 and 4.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'J.W. MacLeod', written in a cursive style.

J.W. MacLeod, P. Eng.

Vancouver, B.C.

May 27, 1980

APPENDIX I

DRILL LOGS

DIAMOND DRILL RECORD

PROPERTY EMERALD TUNGSTEN

HOLE No. M-3

SHEET NUMBER 1

SECTION FROM TO

STARTED January 23, 1980

LATITUDE 2340N

DATUM Section 3
XXXX

COMPLETED February 26, 1980

DEPARTURE 5190E

BEARING

ULTIMATE DEPTH

ELEVATION

DIP -90°

PROPOSED DEPTH

DEPTH ^{ft}	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0-.91	No core								
.91-4.57	Mostly rubble. Broken core, oxidized and wx'd. purple and l.green skarnized argillite core angle 70°								
4.57-5.79	As above much less broken and wx'd. c.a. 20°-70°								
5.79-16.46	Skarnized hard, purple, well and thinly banded, silicified argillite: light green and dark green bands. some contorted sections; c.a. 30° @ 7.6 60° 9.7 50° 12.2 40° @ 15.2 wx'ng fox'n persists to 15.2 rubble @ 12, 7.6, 9.4, 13.7								
16.46-19.51	Very hard skarn. well banded. l.green and silicified c.a. 30° @ 18.29 c.a. lost in some msve sections.								

DIAMOND DRILL RECORD

PROPERTY..... HOLE No. M-3
 SHEET NUMBER 2 SECTION FROM..... TO..... STARTED.....
 LATITUDE..... DATUM..... COMPLETED.....
 DEPARTURE..... BEARING..... ULTIMATE DEPTH.....
 ELEVATION..... DIP..... PROPOSED DEPTH.....

DEPTH ^{IN} FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
19.51-24.08	Skarnized dk. grey green well and finely banded argillite. Very hard and silicified c.a. (av.) is 35° 1' w qtz. @ 23.77								
24.08-51.51	Interbanded skarn (l.green and fine banded) and skarnized argillite. some dolomitized and limey argillite bands. Banding or foliation is conspicuous @ 0° 23.7-27.1; 45° to 30.1 30° to 33.5 45° to 36.5 55° to 42.3; 50° av to 51.5								
51.51-66.96	As above no limey sections core angle (c.a.) av. 35° to 57.6, 30° to 60.66; 40° to 63.7 45° to 66.7 some f.g. garnet banding in the skarn sections which average .60 in thickness.								

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. M-3

SHEET NUMBER 3 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH ^m FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
67.0-80.8	As above. c.a. 45° to 72.8 40° av. to 80.8								
80.8-92.0	As above. c.a. av 40° to 92.0								
92.0-95.1	Very badly broken silicified an and skarn, some bx'n c.a. vague @ 60° minor ls. sections fault?								
95.1-98.4	As 80.8-92 c.a. 40°-35° slightly broken								
98.4-103.9	Skarn. mottled brown and green bedding vague @ 50° in part limey mostly hard.								
103.9-107.3	Dark argillite bands alternating w. green bands. c.a. 40°								
107.3-107.9	Skarn as 98.4-103.9 c.a. 45°								
107.8-112.5	Banded l. green and brown slightly skarnized is c.a. 40°								

DIAMOND DRILL RECORD

PROPERTY HOLE No. M-3
 SHEET NUMBER 4 SECTION FROM TO STARTED
 LATITUDE DATUM COMPLETED
 DEPARTURE BEARING ULTIMATE DEPTH
 ELEVATION DIP PROPOSED DEPTH

DEPTH  FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
112.5-117.0	Msve hard m.g. quartzite no b'd'g. contacts sharp @ 40°								
117.0-118.9	As 107.8-112.5 c.a. 30°								
118.9-124.7	Black slightly sil'd f.g. banded to msve arg. c.a. 35°								
124.7-127.1	Black and l.green argillite. c.a. 40° some folding								
127.1-138.2	L.grey to white ls. some dark streaking c.a. 45(?) weakly skarnized in some sections. Some garnet bands c.a. av. 30° (to 20°)								
138.2-144.0	Silicified argillite banded @ 15°-20° c.a. 2" w. qtz @ 138.9 some l.green sections. Mostly dk. grey to black								
144.0-146.0	f.g. aplite dike msve. white with black mica specks								

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. M-3
 SHEET NUMBER 5 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, ^m FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
	conformative i.e. aplite sill.								
146.0-151.5	as 138.2-144.0 c.a.=15°								
151.5-152.3	Aplite sill. as 144.-146								
152.3-157.3	Black bedded (thin) argillite								
	silicified in part. some l.green								
	bands. as above. c.a. variable								
	av. 30° .3m mass of aplite								
	@ 155.1								
157.3-158.0	Folding indicated by c.a.								
	l.green skarn. some garnet								
158.0-171.9	Very hard silicified argillite								
	minor l.green skarn bands with brown								
	garnet. color varies from black								
	to grey to l.green. A few								
	scattered 1" w. qtz. stringers.								
2 5cm	aplite sills @ 171.0 c.a. av. is								
	30°								
171.9-173.4	Not so strongly silicified								

NORTHERN MINER FORM 505 REV /54

REVIEWED BY

SIGNED

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. M-3
 SHEET NUMBER 6 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH ^{FM} FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
	black argillite more msve.								
173.4-175.4	Aplite sill.								
175.4-182.6	As 158.0-171.9 Very hard rock								
	C.A. Variable av. 30°								
182.6-185.4	Mainly green skarn. Rock more								
	broken and softer.								
185.4-187.2	Moderately silicified l.grey								
	arg. c.a. 30°								
187.2-191.1	Very hard dark grey to black								
	silicified almost msve. argillite								
	with a few skarn bands. c.a.								
	vague @ 45°								
191.1-195.1	Mainly l.green skarn. some								
	garnet bands c.a. vague @ 40°								
	very hard and silicified.								
195.1-203.7	As 187.2-191.1 c.a. vague @ 45°								
203.7-205.6	Conformable w.qtz vein breccia								
	with v. minor pyrite < 1%								

DIAMOND DRILL RECORD

PROPERTY..... HOLE No. M-3

SHEET NUMBER 7 SECTION FROM..... TO..... STARTED.....

LATITUDE..... DATUM..... COMPLETED.....

DEPARTURE..... BEARING..... ULTIMATE DEPTH.....

ELEVATION..... DIP..... PROPOSED DEPTH.....

DEPTH ^M FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
						AU	AG	CU	Wo3
205.6-208.6	Dark shattered and bx'd sil'd arg. c.a. vague @ 20° 3m aplite @ 207.6								
208.6-212.2	Granite sharp conformable upper contact. grey f.g. to m.g. some xtalline f.g. pyrite and biotite								
212.2-218.5	Grey silicified argillite c.a. 35° some skarn sections 4" to 2" qtz veins tiny amounts of f.g. pyr.								
218.5-221.9	Calcareous dk. grey argillite Calcareous l.g. green skarn interbedded. some garnet bands in the skarn @ 22.04 1" msve pyrh.								
221.9-222.7	w. qtz. vein with av 10% pyr. in part msve pyr .	887	221.9	222.7	.80	.022	Tr	.02	Tr

DIAMOND DRILL RECORD

PROPERTY

HOLE No. M-3

SHEET NUMBER 8

SECTION FROM TO

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH ^{WA} FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
						AU	AG	CU	WO3
222.7-223.0	White marble								
223.0-224.2	W. qtz. vein with <1% pyr.								
224.2-237.5	White marble c.a. vague @ 40°								
237.5-240.1	Limey skarn @ c.a. @ 40°								
	1.brown and 1.green bands								
	239.9-240.1 5% pyrite	878	239.9	240.1	.20	.012	Tr	.02	Tr
240.1-241.9	Limey quartzite msve. 1.brown								
	some pyr. <1%								
241.9-258.7	1.grey quartzite c.a. vague								
	@ 40° some pyr. < 1% massive								
	mostly.								
258.7-259.0	As above but some lime content								
	Msve and mottled 2cm msve pyr								
	@ 260.0								
259.0-292.3	f.g. to m.g. msve grey								
	biotititic granite pyr <1%								
	mottled 1.brown 1.5 cm msve pyr								
	@ 262.5								

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DIAMOND DRILL RECORD

PROPERTY..... HOLE No. M-3
 SHEET NUMBER 9 SECTION FROM..... TO..... STARTED.....
 LATITUDE..... DATUM..... COMPLETED.....
 DEPARTURE..... BEARING..... ULTIMATE DEPTH.....
 ELEVATION..... DIP..... PROPOSED DEPTH.....

DEPTH- ^m FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
292.3-304.9	As above scattered 3 cm w. qtz veinlets. More msve								
304.9-322.8	M.g. massive grey granite slight increase of biotite								
End	down the hole pyr to 5%								
	317.3-317.5 scattered 2" w. qtz veinlets and stringers								
	Drilled by KOOTENAY EXPLORATION DRILLING LTD.								
	Logged by M.D. KIERANS								

NORTHERN MINER FORM 505 REV./54

DRILLED BY..... SIGNED.....

DIAMOND DRILL RECORD

PROPERTY SOUTH EMERALD TUNGSTEN HOLE No. M80-4
 SHEET NUMBER 1 SECTION FROM TO STARTED March 12, 1980
 LATITUDE 2340N DATUM xxxx Section 3 COMPLETED
 DEPARTURE 5191E BEARING ULTIMATE DEPTH
 ELEVATION DIP -69° 30' PROPOSED DEPTH

DEPTH ^{IN} FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0-1.8	Casing no core	Tropari Test							
1.8-5.7	Badly broken oxidized core. Truman member. green to purplish argillite. C.A. variable 0-80°	Depth 0	Mag.	B'ring		True B'ring	Incl.		
						125°	-69°		
5.7-11.8	Green to black grey arg. Some green skarn C.A. av. 45°	200 400		104°		125° 30'	-69°		
11.8-24.0	Mostly dk. grey arg. some FeO stained bands. Scattered l. green skarn bands. c.a. variable 10°-45° broken in part.								
24.0-30.1	As above. Some pseudo-bx. C.A. variable av. 10°								
30.1-39.3	L. green bands of argilligaceous skarn. somewhat limey c.a. variable av. 20° small scale folding								
39.3-45.4	Alternating l. green and dark argillite bands. Low c.a.								

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. M80-4

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH ^{IN} FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
	av. 10° to 0° slightly silicified								
45.4-85.0	mostly dark grey to purplish argillite. some 1. green bands.								
	c.a. mostly low angle av 0-10°								
	some 2" scattered qtz. strs.								
	and masses. and some pseudo breccia. Some small scale								
	contortions in part limey and in part silicified. Some								
	garnet skarn bands								
85.0-90.7	dark argillite banding c.a. vague @ 40° av.								
90.7-93.7	As above c.a. 0° broken along beds								
93.7-96.0	As above c.a. 0° not broken								
96.0-123.0	Mainly skarn. some arg. bands								
	garnet bands. c.a. 0° av.								
	gradual change in c.a. to 55°								
	limey in part.								

NORTHERN MINER FORM 305 REV /54

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY..... HOLE No. M80-4

SHEET NUMBER 3 SECTION FROM..... TO..... STARTED.....

LATITUDE..... DATUM..... COMPLETED.....

DEPARTURE..... BEARING..... ULTIMATE DEPTH.....

ELEVATION..... DIP..... PROPOSED DEPTH.....

DEPTH ^W FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
123.0-139.9	Moderately skarnized limestone garnetized in part l.grey to l.green in color. some pyrr (-.1%) at 128.5' c.a. uniform and conspicuous @ 30°-40°								
139.9-150.0	Silicified skarn and argillite very minor pyrr. 3m w qtz. @ 142m. c.a. variable av=40° some 0°								
150.0-155.0	As above								
155.0-157.0	Msve white f.g. qtzite.								
157.0-159.0	Silicified skarn c.a. 25° broken core								
159.0-160.0	Msve dk. green f.g. to m.g. felsite dike broken and shistose at vague contacts. Poss. fault.								
160.0-160.2	Very badly broken core quartzite.								

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. M80-4
 SHEET NUMBER 4 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH ^m FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
160.2-166.0	Msve white f.g. quartzite near lower contact some vague bedding @ 30°								
166.0-167.0	Silicified argillite and skarn c.a. 30°								
167-169.0	Silicified argillite and some skarn blocky and broken core c.a. av. 45°								
169.0-172.0	Silicified argillite c.a. variable and vague								
172.0-179.0	Broken sil'd. argillite to 173. then unbroken to 179. c.a. av. 50° some c.a. to 0°								
179.0-181.3	Limey arg. broken stained. Jointed and brecciated. No C.A.								
	Drilled by KOOTENEY EXPLORATION DRILLING LTD.								
	Logged by M.D. KIERANS								

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. M80-4
 SHEET NUMBER 5 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH ^W FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
181.3-185.0	Dark grey argillite (silicified)								
	c.a. vague and indistinct and								
	variable. In genetel high c.a.								
	av. 55°								
185.0-207.0	Skarnized limestone c.a. 60°	880	199.2	199.7	0.5				
	flattening to 30° @ 200m. Some	881	207.3	208.75	1.45				
	small scale folding with more	882	208.75	209.40	0.65				
	flattening to 0° @ 206m.								
207.0-209.4	Brownish sil'd skarn								
	brecciated (in part) No c.a.								
	5% pyrr. 0.5% WO3 some black								
	argillite diss. sch.								
209.4-211.2	Granite M. grained. contact								
	@ 80° c.a. contact facies dark								
	grey for .5m trend. brown								
	siliceous facies.								
211.2-273.71	Dark grey spotted light grey								
	medium grained. Massive								

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. M80-4
 SHEET NUMBER 6 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH ^m FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
END 898'	equigranular granite. Biotite								
	av. 5% slight biotite increase								
	downhole. Diss. pyr. - .01%								
	at 237.0 20 cm of soft argillite								
	Contact @ 50% (upper and lower)								
	Granular and broken @ 239 m. 5cm								
	argillite @ 239.5m Otherwise								
	typical msve. grey granite								
	rock increasing in dark color								
	downhole i.e. more biotite								
	and coarse grain. 0.30m of								
	pyrite to 1% at 265m.								
	Elsewhere pyr < .01%								

NORTHERN MINER FORM 505 REV./54

DRILLED BY _____ SIGNED _____

APPENDIX II

EXPENDITURE

Hole 3	\$9,460.00
Hole 3	8,577.00
Hole 4	<u>18,155.49</u>
	<u>\$36,192.49</u>

Kootenay Exploration Drilling Contracting Co. Ltd.

Rossland, B. C.

Feb. 12, 1980

ntor Exploration and Development Ltd.

e. 300, 365 Bay St.

ronto, Ont.

H 2V1

*OK H 2V1
March 11/80*

Invoice

diamond drilling Selmo B.C. properties.

DDH M-3, 0 to 600', 600 ft. @ \$15.00/ft. ----- \$9,000.00

ore boxes: 26 used @ \$5.00 ea. ----- 130.00

ow plowing road: 11 hrs. @ \$30.00/hr. ----- 330.00

Total ----- \$9,460.00 ✓

Approved for payment

M. D. K. Keras

Feb 15 1980

P. Eng

APPROVED FOR PAYMENT

Camplatt

Kootenay Exploration Drilling Contracting Co. Ltd.

Rossland, B. C.

Feb. 28, 1980.

Kootenay Exploration and Development Ltd.

Ste. 300, 365 Bay St.

Toronto, Ont.

45H 2V1

Invoice

To diamond drilling Salmo B.C. properties.

DDH M-3, 600 to 1059', 459 ft. @ \$18.00/ft. -----	\$8262.00 ✓
Core boxes: 21 used @ \$5.00 ea. -----	105.00 ✓
Tre-Pari testing: 5 done @ \$26.00 ea. -----	130.00
Snow plowing road: 7 hrs. @ \$30.00/hr. -----	210.00 ✓

Total \$8707.00

- 130.00

\$ 8577.00

Checked items only
Approved for payment.

Q# 3147

March 13/80

M. D. K means P. Eng.

March 3 : 1980

APPROVED FOR PAYMENT

Tre-pari testing not completed because
instrument was caught in caved part
of the hole. M-3. (M.D.K.)

Kootenay Exploration Drilling
Contracting Co. Ltd.

Rossland, B. C.

April 8, 1980.

Mentor Exploration And Development Ltd.

Ste 300, 365 Bay St.

Toronto Ont.

H5E 2v1.

Invoice

To diamond drilling Salmo B.C. properties.

DDH M-4, 0 to 600', 600 ft. @ \$15.00/ft. -----\$9,000.00

600 to 1000, 400 ft. @ \$18.00/ft. ----- ~~7,200.00~~ 5344.00

Core boxes: 100 used @ \$5.00 ea. ----- 500.00

Snow plowing roads for March: 27 hrs. @ \$35.00/hr. ----- 945.00

Line cutting for engineer. -----	100.00
----------------------------------	--------

Machine work to convert Tro-Parl case. ----- 25.00

J.K. Smit invoice for tro- pari rods. ----- 118.79

Tests: 10 taken M-3 & M-4: ----- 250.00

Recovery of Tro-Parl, M-3, 27 hrs @ \$47.50. ----- \$1282.50

Reaming of new Core barrel, 12 hrs. @ \$47.50. ----- 570.00

Total \$19,991.49

- 1 03410

Total \$ 18,155.49

m d/2

Approved for payment
as corrected

15 Corrected
M.D. Krasins P. Eny
April 9, 1980

APPENDIX III

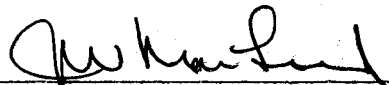
ENGINEERS CERTIFICATE

CERTIFICATE

I, James W. MacLeod, of 1220 Arbutus Street, in the City of Vancouver, in the Province of British Columbia.

DO HEREBY CERTIFY:

1. That I am a Consulting Engineer, with a business address at #335-885 Dunsmuir St, in the City of Vancouver, in the Province of British Columbia.
2. That I am a graduate of the University of Alberta with the degree of B. Sc. in Mining Engineering.
3. That I have actively practiced my profession in mineral exploration since graduation in 1946.
4. That I am a registered Professional Engineer in the Province of British Columbia.
5. That I have been associated with the Mentor Exploration and Development Co. Ltd. program in the Salmo area for the past three years and that holes 3 and 4 were logged by M.D. Kierans, P. Eng.


J.W. MacLeod, B.Sc., P. Eng.

Dated at the City of Vancouver,
Province of British Columbia
This 27th Day of May, 1980.

