42A01NE0185 48 TECK

DIAMOND DRILLING

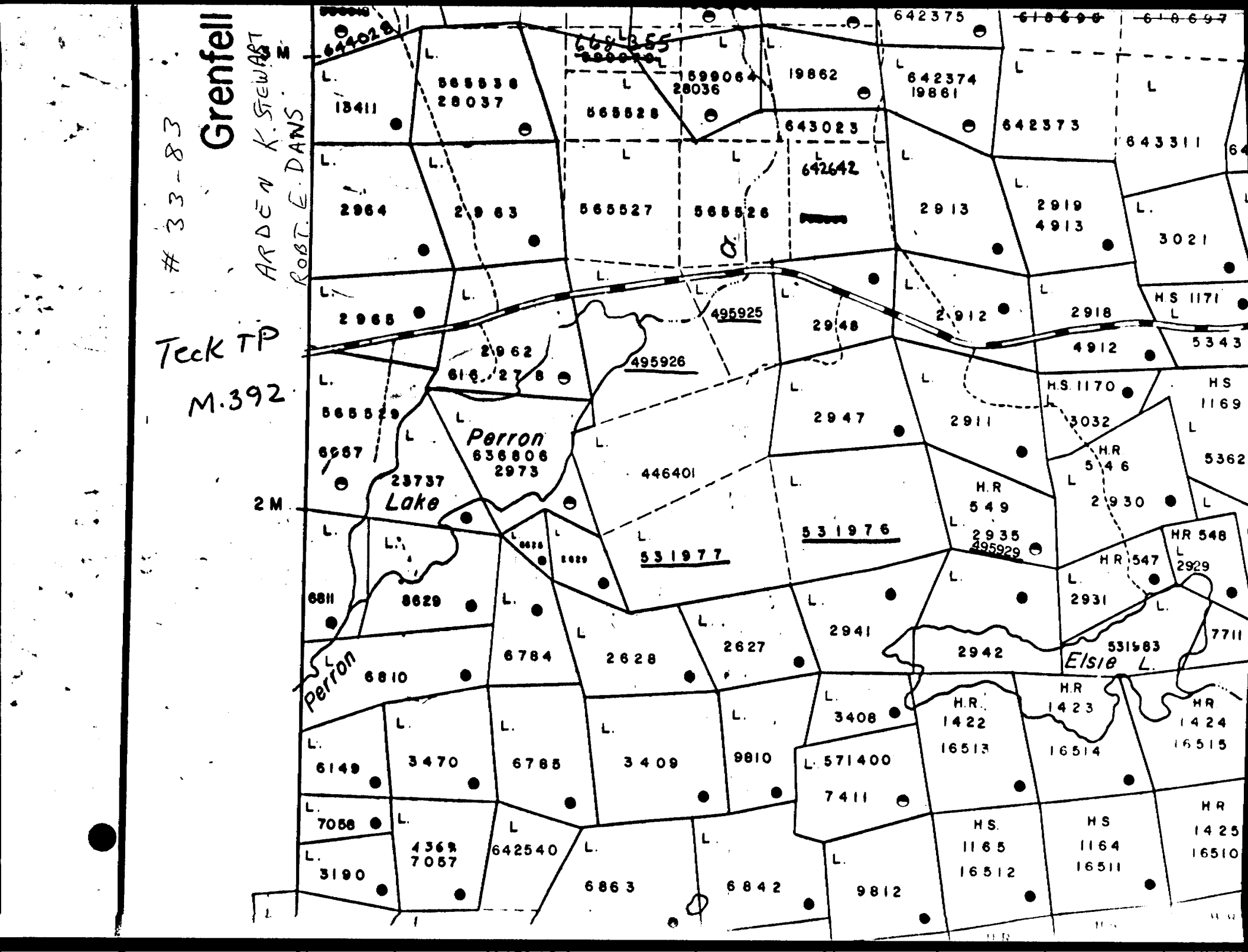
TOWNSHIP: Teck

REPORT NO.: 48

WORK PERFORMED BY: A. K. Stewart/R. E. Evans

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
L 495929	H-3	200.0	1982	(1)
	H-4	201.0	1982	(1)

NOTES: (1) #33-83


Grenfell
#33-83
ARDEN K. STEWART
ROBT. E. DANS
Teck TP
M.392
2M
Perron
636806
2973
23737
Lake
Perron
Elsie L.
495925
495926
495929
531976
531977
531583
642375
642374
19861
642373
643023
642642
643311
19862
18411
2964
2963
565527
565526
2913
2919
4913
3021
2965
2962
2948
2912
2918
4912
HS 1171
5343
HS.1170
3032
HS
1169
5362
2947
2911
446401
H.R
546
2930
H.R
549
2935
HR 548
2929
HR 547
2931
2941
2942
7711
2627
2628
6784
6810
6811
8629
6887
3408
H.R.
1422
16513
H.R
1423
16514
HR
1424
16515
6149
3470
6785
3409
9810
571400
7411
7058
4369
7057
642540
3190
6863
6842
9812
HS.
1165
16512
HS
1164
16511
HR
1425
16510

REPORT ON

DIAMOND DRILL CORE LOGGING

CLAIM L-495929

TOWNSHIP OF TECK

101
16
417

Background

Robert E. Dans, Arthur Stewart et al hold a block of six claims in the south western part of Teck Township. The claim block is located east of Perron Lake and North of Elsie Lake and South of the Goldthorpe Road. The block is comprised of claims L-495925-926-929,L-446401 and L-531976-977.

In September 1980, the owners drilled two BQ holes on claim L-495926 on the north shore of Perron Lake, near the west boundary of the claim. No significant mineralization was encountered. The drilling was recorded as assessment work.

Geology

The detailed geology of the area is contained in a report by the Ontario Department of Mines (Vol. LVII Part V.1948).

T. L. Gledhill, M.A., Ph.D. described this particular area when it was mapped as part of the Goldbanks property. He noted several instances of free gold in outcrop samples taken in the area of the shaft on Claim 495925.

Drilling

In the fall of 1982 the owners embarked on a second drilling program. The holes were layed out in the North East corner of Claim L-495929, and were designed to test the ground under two areas where surface trenching on mineralized outcrops had been completed in past years.

Hole number H-3 was collared 350 feet measured eastly along the north boundary of L-495929 from the number 4 post and 350' due south of this point. The angle at the collar was 50^{o} and the bearing was North 10^{o} East. This hole intersected conglomerate with some minor syenite intrusives. Visible mineralization was limited to minor pyrite scattered throughout as small (1 m.m.) blobs. Two sections where minor concentration of pyrite were observed were taken for assay. These concentrations were at 103 to 103.5 and 165 to 165.5 in the drill hole.

Hole number H-4 was collared 350' measured easterly along the north boundary of L-495929 and 200' due south of this point. The angle at the collar was 45^{o} and the bearing was North 10^{o} East.

This hole was collared in volcanics and intersected reddish porphory at 58 feet. The lower part of the porphory section (132 to 201) contained numerous barren quartz veins 1/16" to 4" in width. One minor concentration of fine pyrite crystals (90 to 90.5) was taken for assay.

No significant mineralization was observed.

The core was donated to the Kirkland Lake district core library.

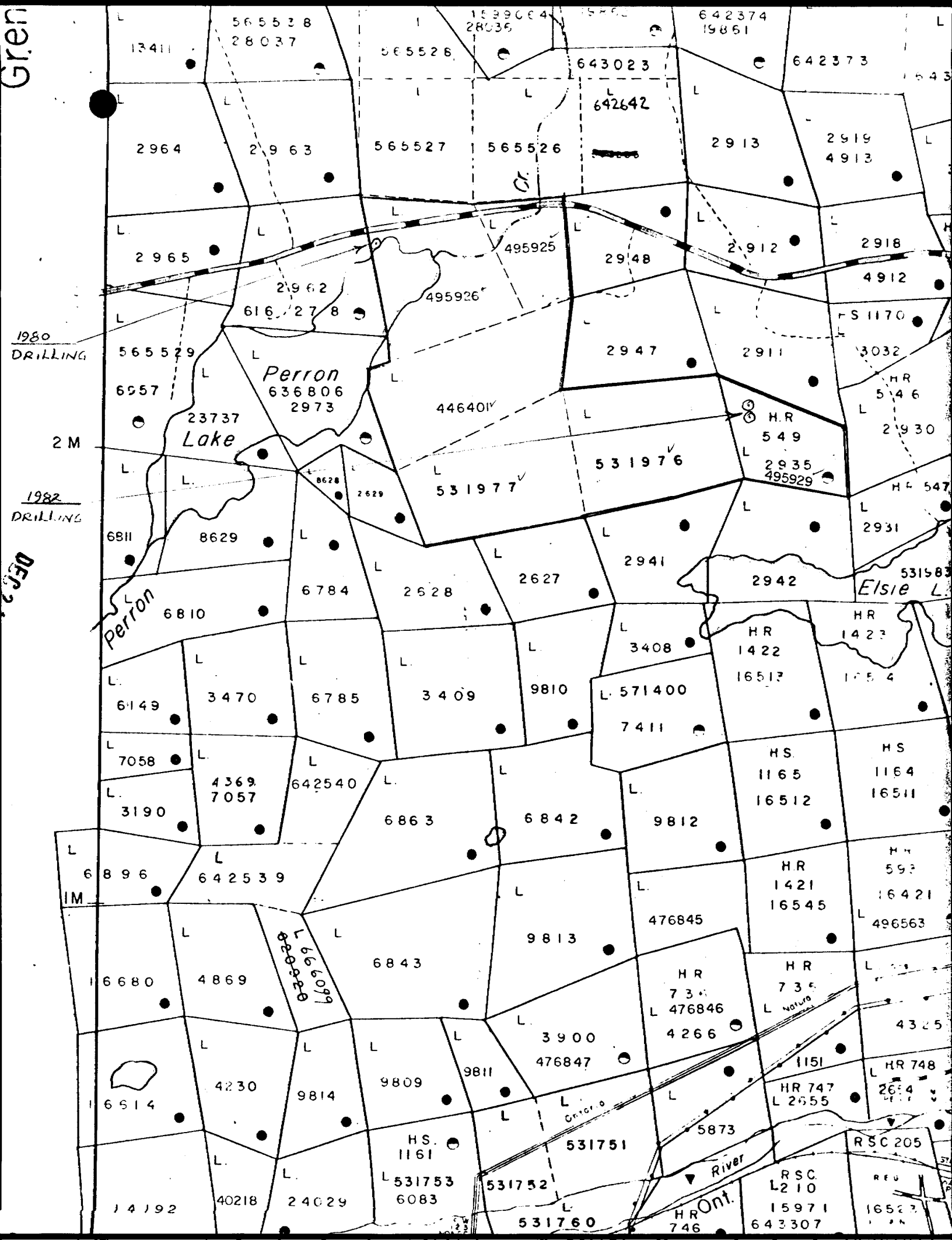
Drill Contractor: R-Y Developments

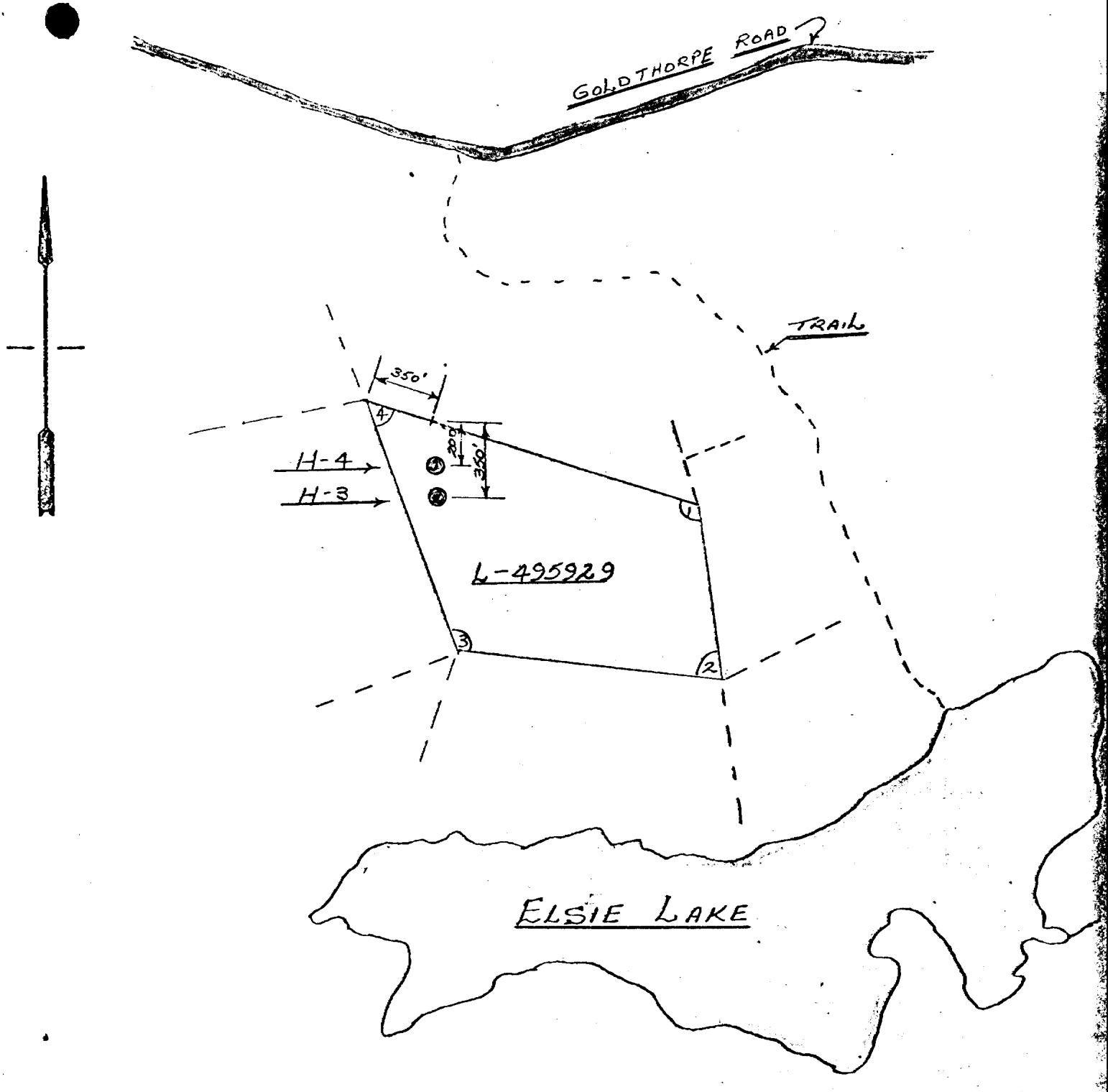
Driller - R. Yost
Helper - C. Boone

Date started - Sept. 30/82
Date finished - Oct. 14/82
Total footage: 401
Number Holes: 2
Core Size: BQ

Core Logged by:

L. K. Oliver, P. Eng.,
Mining Engineer
65 Federal St.
Kirkland Lake, Ont.
P2N 1G1


1980
DRILLING
1982
DRILLING
2 M
1M
Perron
636806
2973
Lake
23737
Perron
Elsie L.
River
Ont.
HR 549
HR 1422
16513
HR 1421
16545
HR 1423
HR 748
HR 747
L 2655
HR 746
HS 1165
16512
HS 1164
16511
HS 1161
RSC 205
RSC L210
15971
643307
565528
565527
565526
565529
565538
28037
642374
19861
643023
642373
642642
495925
495926
446401
531976
531977
531583
571400
7411
476845
476846
4266
476847
531751
531752
531753
6083
531760
642540
642539
666099
2964
2963
2965
2962
616278
2913
2919
4913
2912
2918
4912
2948
2947
2911
3032
FS 1170
2930
2935
495929
2931
2941
2942
2627
2628
2629
8628
6811
8629
6784
6810
6957
6149
3470
6785
3409
9810
3408
7058
4369
7057
3190
6863
6842
9812
6896
9813
6843
16680
4869
16514
4230
9814
9809
9811
3900
5873
4325
1151
14192
40218
24029
2664



SKETCH SHOWING LOCATION
OF DRILL HOLES H-3 & H4
CLAIM L-495929, Twp of TECK.
SCALE: 1" = 10 CHAINS.
DRAWN BY L.K. OLIVER, P.ENG.
DECEMBER 20th, 1982.

REGISTERED PROFESSIONAL ENGINEER
L. K. OLIVER
PROVINCE OF ONTARIO

Report of Drill Core Logging

Hole No. H-3 Location L-495929 Township of Teck

Bearing North 10° East Dip 50° Size BQ

Footage	Core Lost	Description
0-8		Casing
8-10	0	8-41 conglomerate. Fine to medium grained matrix containing a
-15	11	variety of pebbles of various types, up to 4" to 6", including
-18	0	syenite, chert, jasper, granite and maffic volcanics. Pebbles
-20	8	are mostly rounded. The few angular fragments are small and
-21	4	contain mostly chert and/or jasper.
-24	8	41-46 Syenite dike dark medium grained matrix with phenocrysts of
-30	0	pink feldspar.
-36	0	41-83 Conglomerate smaller more angular fragments upto 1-2"
41	0	Jasper fragments more noticeable in this section 6" syenite dike
51	0	at 83'.
61	0	83-147 as 8-41 above syenite dike 97-98.5 and 122-126 small
70	0	fragments included in dike.
80	0	146-147 recemented Breccia Zone
89	3	147-156 conglomerate as above (41-83). Rock is interlaced with
94	0	small irregular stringers of a yellowish green Epidote like
103	0	mineral.
111	4	156-200 coarse pebble conglomerate similar to 8-41 above.
113.5	1	200' END OF HOLE
123	0	Visible mineralization was confined to pyrite which occurs as
130	0	miniature blobs approx. 1 m.m. irregular in shape spread randomly
137	0	through the section. Sections with concentrations of pyrite taken
143	0	for assay were 103-103.5 and 165-165.5.
147	3	
155	0	Core Recovery 97.8%
158	0	
165	6	
165.5	1	
172	2	
181	0	
191	0	
200	0	

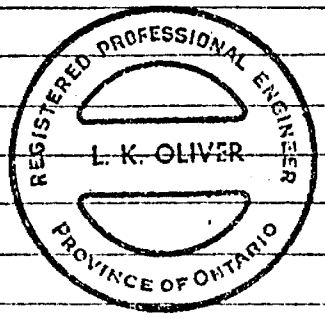
REGISTERED PROFESSIONAL ENGINEER
L. K. OLIVER
PROVINCE OF ONTARIO

Report of Drill Core Logging

Hole No. H-4 Location L-495929 Township of Teck

Bearing N-10°E Dip 45° Size BQ

Footage	Core Lost	Description
0-36	-	Casing
36-37.5	0	36 - 58.5 dark greyish green volcanics medium to coarse grained,
-38	3	massive very badly fractured.
-38.5	3	58.5 - 126 porphory reddish matrix with white phenocrysts.
-39	3	126-132.5 greyish green, dark, fine grained intrusive.
39.5	0	132.5 - 201 porphory
40	4	118 to 125, 133-144 and 164-201 porphory is cut by numerous small
40.5	4	quartz veins mostly 1/16" to ¼".. Larger quartz veins occur at
41	5	139 and 144 (¼"), 167 (4") 177 (3/4") 181.5 (1") and 185 (1").
42	0	164 3" green intrusive.
43.5	1	
45	2	201 END OF HOLE
45.5	2	
47	3	A section of concentrated fine grained pyrite was taken for
49.5	0	analyses at footage 90-90.5.
50	2	
53	0	
55	0	
56	2	
58.5	2	
60.5	8	
63	0	
69	0	
71	2	
75	12	
76	1	
85	0	
93	0	
93.5	6	
94.5	4	
97	12	
101	0	



Report of Drill Core Logging

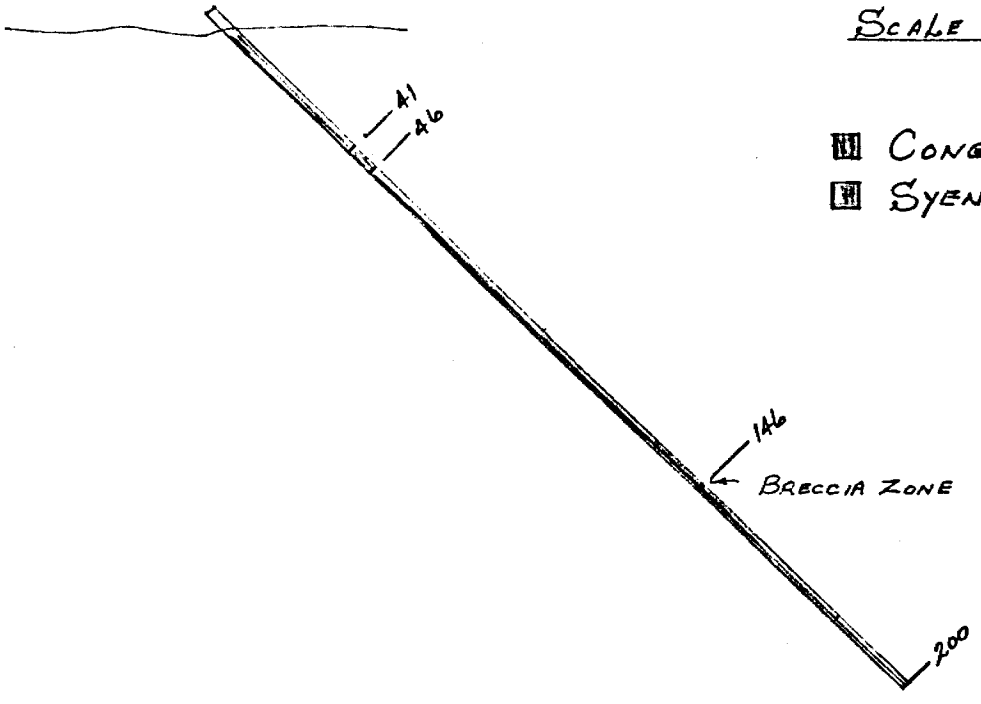
Hole No. H-4 Location L-495929 Township of Teck

Bearing N-10° E Dip 45° Size BQ

Footage	Core Lost	Description
101-106	0	
106.5	1	
109.5	3	
114.5	6	
118	4	
122	10	
126	0	
128	0	
131	0	
132	2	
137	0	
145	2	
150	2	
157	1	
164	0	
168	0	
170	0	
172	0	
178	0	
181	6	
186.5	7	
191	0	
196	4	
201	0	CORE RECOVERY 93.5%

REGISTERED PROFESSIONAL ENGINEER
I. K. OLIVER
PROVINCE OF ONTARIO

HOLE H-3
L-495929 Twp of TECK
INCLINATION 50°
BEARING N/10°E
SCALE 1" = 40'

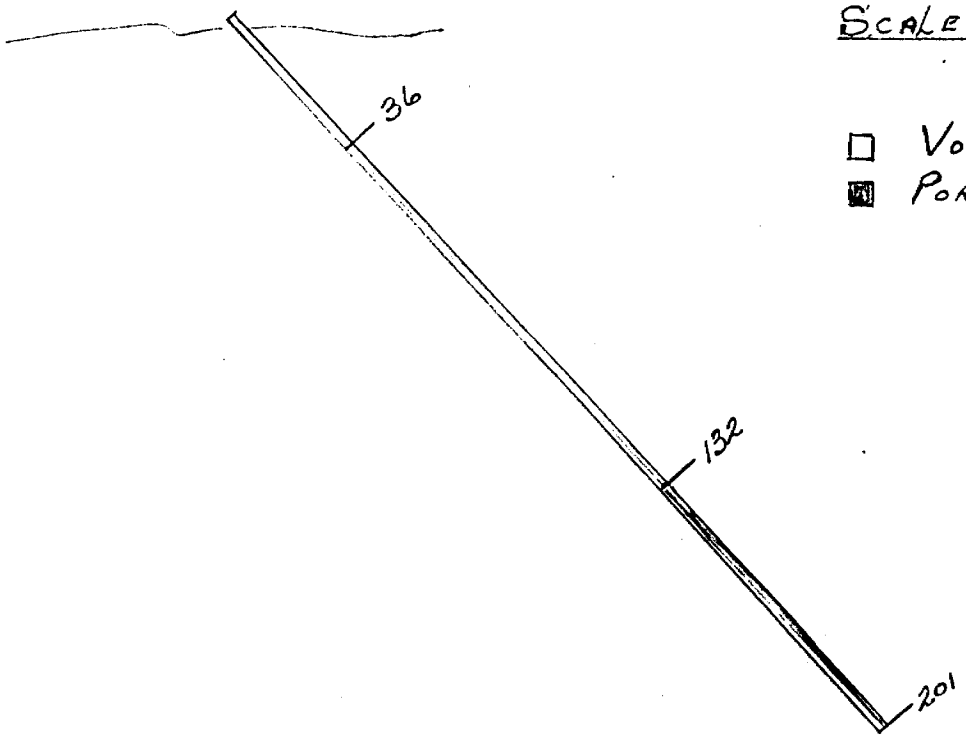


CONGLOMERATE
SYENITE

REGISTERED PROFESSIONAL ENGINEER
L. K. OLIVER
PROVINCE OF ONTARIO

L.K. OLIVER
DEC 20, 1982

HOLE H-4
L-495929 Twp. of TECK
INCLINATION 45°
BEARING N 10° E
SCALE: 1" = 40'



□ VOLCANICS
▩ PORPHORY

REGISTERED PROFESSIONAL ENGINEER
L. K. OLIVER
PROVINCE OF ONTARIO

L. K. OLIVER
DEC. 20, 1982