

6964

PEREGRINE PETROLEUM LTD.

REPORT OF ASSESSMENT WORK

ON

MINERAL CLAIMS KAL 25-31 (Nos. 521-527) and TESS (No. 282)
GREENWOOD MINING DIVISION, B.C.
82E/11E and 82E/14E

Prepared by

L.S. Trenholme, P. Eng.

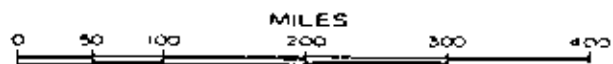
October 13, 1978



Peregrine Petroleum Ltd.

General Location Map
 Haynes Lake Property,
 Greenwood Mining Division, B.C.

* To accompany Assessment Report
 October 13, 1978 L.S. Trenholme, P.Eng.



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PEREGRINE PETROLEUM LTD.

ASSESSMENT WORK REPORT
HAYNES LAKE PROPERTIES, KELOWNA AREA, B.C.

October 13, 1978

General Statement

This report covers a diamond drilling program carried out in June and July, 1978 involving expenditures of \$20,270.94.

The Peregrine property is located to the east of Haynes Lake and southeast of Hydraulic Lake. Access is from Kelowna by 25 miles of paved highway (B.C. #33) to its junction with the McCulloch road. From this point various logging roads and a new "cat road" provide access to the drill sites.

The purpose of the drill program was to explore for basal-type uranium mineralization similar to that encountered on the adjoining property of Tye Lake Resources Ltd.

Four NQ diamond drill holes were put down for a total of 590 feet (180 m.). One of these encountered slight radioactivity in a 4 foot section of sediments underlying Tertiary basalt.

Holes P3-78 and P4-78 required construction of an access road 750 metres in length.

The cores were carefully examined and 2 samples were taken for assay. Probing with a McPhar 1 $\frac{1}{4}$ " scintillation counter indicated that additional sampling was unwarranted. The cores are stored at a core shack on the Wardlaw farm 1 km. north of McCulloch Dam.

D.S. van Holm

Oct 13/78

PEREGRINE PETROLEUM LTD.

STATEMENT OF EXPENDITURES

HAYNES LAKE PROPERTIES - JUNE-JULY 1978

PAID TO	SERVICE	AMOUNT	CLAIM: KAL-1 GROUP TYEE-J	CLAIM: HAYNES-6 GROUP TYEE-I
* H. Allen Diamond Drilling, Merritt, B.C.	Core Drilling Additives	\$ 15,166.00 322.50 <u>15,488.50</u>	\$ 11,445.74	\$ 4042.76
* L & D Petch Contracting Kelowna, B.C.	Access and Drill Road 750 m.	832.00		832.00
L.S. Trenholme, P.Eng. Vancouver, B.C.	Fees: 15 days @ \$180.00. Expense: Rentals Transportation Motel and Meals	2,700.00 49.84 658.00 <u>542.60</u> <u>3,950.44</u>	2,631.00	1319.44
	TOTALS	\$ 20,270.94	\$ 14,076.74	\$6,194.20

* INVOICES APPENDED

LSF
13-10-78

CERTIFICATE

The undersigned certifies that

- 1) He is a graduate geologist and has practised as a mining and exploration geologist continuously since graduation (M. Sc.) in 1939.
- 2) He is a member in good standing of the Association of Professional Engineers of the Province of British Columbia.
- 3) He conducts a consulting practice from his office at #508 - 475 Howe Street, Vancouver, B.C.
- 4) He personally conducted the preliminary surveys for drill hole and road location; logged and stored all drill cores and took samples where deemed necessary.
- 5) He does not own and does not expect to receive any shares or other financial interest in Peregrine Petroleum Ltd. or in any of the properties described herein.
- 6) The expenditures reported herein are correct as to amount and work classification.



L.S. Trenholme
October 13, 1978

DIAMOND DRILL RECORD

PROPERTY PELERINE PETROLEUM LTD. HOLE NO. P.1 - 78 START June 19, 1978

NQ-Core

CLAIM NO. KAL - 1 DEPTH BEARING DIP DEPTH BEARING DIP FINISH June 22, 1978

LATITUDE S 50 m Cellar - 90° 115.5' DEPTH 115.5' (35.2 m)

DEPARTURE W 32 m from L.C.P. Probed by Richard Cannon LOGGED L.S. Frenholme

ELEVATION 3900' ± Placer Development Ltd. McPhar 1 1/2" (O.D.) DRILL CO. H. Allen (Huppie)

Meters	DEPTH FEET	Feet	Feet	Bore	FORMATION	SAMPLE NO.	SAMPLE LENGTH	OZ. GOLD	OZ. SILVER	% COPPER	
0 - 3.05	0 - 10	10	-	-	Casing	CORE	STORED AT	TYPE	Case 346		
- 7.47	10 - 24.5				Basalt-olivine, massive, f.g.					McCollect Road	
- 12.65	24.5 - 41.5	17			Basalt vesicular						
					30-34 hematized, sheared, clayey						
- 16.46	41.5 - 54	12.5			Basalt-massive						
- 20.27	54 - 66.5	12.5			Basalt - Vesicular (15% voids)						
- 24.80	66.5 - 94.5	28.0			Basalt - Massive						
- 30.78	94.5 - 101	6.5			Basalt - Vesicular, soft; botryoidal zeolites; cream to dark green Pale grey-green tabular inclusions or segregations.						
- 32.09	101 - 105.3	4.3			Sediments - (Conglomerate)						
0.76 - 30.93	101 - 101.5	0.5	0							TV-1 Back-O	
	101.5 - 102.0	0.5	0.4		black fragments (basaltic) in fine carbonaceous sand plus 1/2" buff sand to 102'					= 2000 TCPM	
	102.0 - 103.0	1.0	1.0		Monashee Boulder-silicified dioritic gneiss						
	103.0 - 105.3	2.3	2.0		Mainly Monashee pebbles in grey-green sandy matrix Rusty seams @ 103' + 104.8'						
0.09 - 35.20	105.3 - 115.5	10.2	10.0		Monashee Basement						
					Dioritic gneiss-felspathic veining;					TV-1	
					Fresh except clay-sand seams in fractures					SAMPLES - SPLIT	
35.20	115.5				END OF HOLE	SAMPLE No.	FROM	TO	FEET	U ₃₀₈	PPM(U)
					# P1		101	102	1.0	.0068	3500
					# P2		103.4	105.3	1.9	.0006%	3000

DIAMOND DRILL RECORD

PAGE 2

PROPERTY PEREGRINE PETROLEUM LTD. HOLE No. P2 - 78 START 23-June-78
 CLAIM NO. KAL-1 DEPTH Greenwood M.D. BEARING DIP DEPTH BEARING DIP FINISH 28-June-78
 LATITUDE 70.1 n. S. of L.C.P. - 90° - - NQ Core DEPTH 310' (94.5 m)
 DEPARTURE 218 m. W. Probed by Richard Cannon LOGGED L.S. Inghelme
 ELEVATION 4100' ± (1250 m) Approx. of Placer Development Ltd. 29-6-78 DRILL CO. H. Allen + Huppie

Meters

	DEPTH FEET	Feet	Rec	FORMATION	SAMPLE NO.	SAMPLE LENGHT	OZ. GOLD	OZ. SILVER	% COPPER
0 - 3.05	0 - 10	0	10	Casing					DEPTH METRES TV-1
	0 - 10	0	10	Casing					2000
- 4.27	10 - 14	14	14	Basalt - a few large voids				3.04	2500
- 9.14	14 - 30	16	16	Basalt - Purplish, m.g. few voids					Through
- 20.12	30 - 66	35	36	Basalt - vesicular, w. sand seams					out
- 22.25	66 - 73	7	7	Basalt - dense					
- 25.91	73 - 85	12	12	Basalt - vesicular					
- 28.06	85 - 95	10	10	Basalt - dense					
- 31.19	95 - 102	7	7	Basalt - vesicular					
- 31.31	102 - 106	4	4	Basalt - dense					32.31
- 52.43	106 - 172	65	66	Basalt - vesicular, intermittent Rusty Zones				32.31	52.42
				Gouge Seam @ 114' C.A. - 30°					
				Sand Seams to 17					
				Red Alteration					
- 62.45	172 - 205	33	33	Basalt - vesicular, fresh				52.42	
- 84.12	205 - 276	71	71	Basalt - Mainly massive; hard, greenish local small vesicles					84.12
- 84.25	276 - 276.5	0.5	0.5	Basalt - black, scoriaceous; zeolite fillings					84.23

DIAMOND DRILL RECORD

PROPERTY PEREGRINE PETROLEUM LTD. HOLE No. P2 - 78 START _____

CLAIM NO. _____ DEPTH BEARING DIP DEPTH BEARING DIP FINISH _____

LATITUDE _____ DEPTH _____

DEPARTURE Camp moved at Type Core Shack LOGGED _____

ELEVATION At Cullloch Road DRILL CO. _____

DEPTH FEET	SEDIMENTARY	FORMATION	SECTION	SAMPLE NO.	SAMPLE LENGTH	OZ. GOLD	OZ. SILVER	% COPPER
			(NO - 1 7/8") Core					METRES
84.35-84.58 -45.65	(RUN) 276.5-277.5	1.0	0.5	Hard Pebbles, no matrix				84.28
-45.65	277.5-281.0	3.5	0.2	2 pebbles, some sandy clay. (change Mud Formula)				
-86.03	281.0-282.4	1.4	0.4	Monashee Pebbles, + 1" Matrix				
-86.32	282.4-283.2	0.8	0.15	3 Pebbles				
-87.32	283.2-286.5	3.2	2.7	0.9' Monashee Pebbles + Coarse Sand 1.8 Pebble Conglomerate w. grey sand matrix				
-87.94	286.5-288.5	2.0	1.8	Pebbles 2" - 4" Minor sand				NO SAMPLES TAKEN FOR CHEM. ANALYSIS
-88.09	288.5-289.0	0.5	0.4	2 Cobbles				
-88.33	289.0-289.8	0.8	0.6	Diorite Cobbles				
-88.58	289.8-290.6	0.8	0.3	2 Cobbles				
-90.10	290.6-295.6	5.0	0.0	Core Tube not latched				
-90.68	295.6-297.5	1.9	0.0	Core Tube not latched (clear bit)				
-91.07	297.5-298.8	1.3	0.5	Pebbles and Cobbles				
-91.38	298.8-299.8	1.0	0.5	Pebbles and Cobbles				
-91.93	299.8-301.6	1.8	1.0	Pebbles and Cobbles + 0.1 Sand				
-92.51	301.6-303.5	1.9	1.4	Sand-Pebble Conglomerate				92.50
		MAX.	34.5%	Trace Carbon (TV-1 = 2000-2500 = B.G.)				
-94.49	303.5-310.0	6.5	6.5	Basement-Monashee Dioritic + Granitic Gneiss				94.49
94.49	310			END OF HOLE				

DIAMOND DRILL RECORD

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PROPERTY PEREGRINE PETROLEUM LTD. HOLE No. P3.78 START June 29, 1978
HAYNES-6 FINISH July 4, 1978
 CLAIM NO. _____ DEPTH BEARING DIP DEPTH BEARING DIP
 LATITUDE S-314 m Collar - 90° 89' DEPTH 89' (27.1m)
 DEPARTURE E-126 m Initial Post. "Wedge-1" (New Claim) LOGGED L.S. Treshelme
 ELEVATION 4180' ± NO - CORE DRILL Co. H. Allen (Huppie)

DEPTH FEET	RIM	REC	FORMATION	SAMPLE NO.	SAMPLE LENGTH	OZ. GOLD	OZ. SILVER	% COPPER	MET RES
0 - 20	20.0	-	Casing						6.10
20 - 55.5	35.5	35	Basalt; mainly Vesicular; rusty						16.92
55.5-89			Basement						27.13
55.5-56.0	0.5	0.5	Soft, clayey, yellow and black iron and manganese (?) oxides				16.92	17.07	
56.0-76.0	20.0	16.0'	Decrease weathering; rusty sand-seams, clay gouge, possible organics				17.07	23.17	
76. -89	13.0	13.0	Greiss, mica-feldspar; generally fresh				23.17	27.13	
89			END HOLE						27.13 m
PROBED by Richard Cannon Placer Development Ltd. July 9, 1978 McPhar Probe 1 1/2" O.D.									
NO SAMPLES TAKEN FOR CHEMICAL ANALYSIS <i>Core stored at Type Case Shack Mc Culloch Road</i>									

DIAMOND DRILL RECORD

PROPERTY PEREGRINE PETROLEUM LTD. HOLE No. P.4-78 START July 5, 1978
 CLAIM NO. HAYNES - 6 DEPTH BEARING DIP DEPTH BEARING DIP FINISH July 7, 1978
 LATITUDE 314 m (S) Initial Post "WEDGE # 1" 90° DEPTH 65' (19.8 m)
 DEPARTURE _____ LOGGED L.S. Trenholm
 ELEVATION 4200' ± (NQ) DRILL CO. M. Allen (Hubbie)

DEPTH FEET	RUN	REC	FORMATION	SAMPLE NO.	SAMPLE LENGTH	OZ. GOLD	OZ. SILVER	% COPPER
0 - 10	10	-	Casing in overburden					3.03
10 - 12	2.0	1.0	Pebbles; cabin					
12 - 26	14.0	14.0	TILL ^{TILL} - Excellent recovery Pleistocene pebbles < 1" in clay-sand matrix					3.65
								3.04
								2000 c.p.m.
26 - 39	13.0	13	Basalt - massive, greenish, speckled					
39 - 51	12.0	12	Basalt - Vesicular, dark					7.22
51 - 56.5	5.5	5.5	Basalt - Three yellow sandy seams < 4"					15.54
56.5-57.5	1.0	1.0	Basalt - Vesicular - soft					17.53
57.5-61.0	3.5	1.0	SEDIMENT (???)					18.59
61.0-62.3	1.3	1.3	Decomposed Gneiss (?)					18.82
62.3-65.0	2.7	2.7	Gneiss: 1 part weathered, sand seams					19.81
								NO SAMPLES TAKEN
65.0			END OF HOLE 19.81 m					
			PROBED by Richard Cannon					
			Placer Development Ltd.					
			July 9, 1978					
			McPHAR 1 1/4" (O.D)					

Core stored at Type Core Storage Co. Collect Road

L. & D. PETCH CONTRACTING LTD.

TOP SOIL - FILL - EXCAVATING - LOADING
735 HIGHWAY 33, KELOWNA, B. C. V1X 1Y5
Telephone 765-7468

Peregrine Petroleum Ltd.
Suite 305 850 West Hastings
Vancouver, B. C.

SERVICE CHARGE OF 2% PER MONTH ON OVERDUE ACCOUNTS

DATE	FOI IC	CHARGES	CREDITS	BALANCE
June/78	2319	832 00		832 00
<u>June 23 & 24, 1978</u>				
<u>Breakdown-of Invoice</u>				
	D.9 Bulldozer			
	15½ hours @ \$48.00			(732 00)
	Transportation			
	Westbridge and return			(100 00)

H. ALLEN DIAMOND DRILLING LTD.

TELEPHONE 378-4494

P.O. BOX 1397
MERRITT, B.C.

INVOICE NO. 360.

July 18, 1978.

To: Peregrine Petroleum Ltd.,
Suite 305 - 850 W. Hastings St.,
Vancouver, B.C.

In Account With:

H. Allen Diamond Drilling Ltd.,
Box 1397,
Merritt, B.C. VOK 2B0.

This invoice is for drilling at Hydraulic Lake:

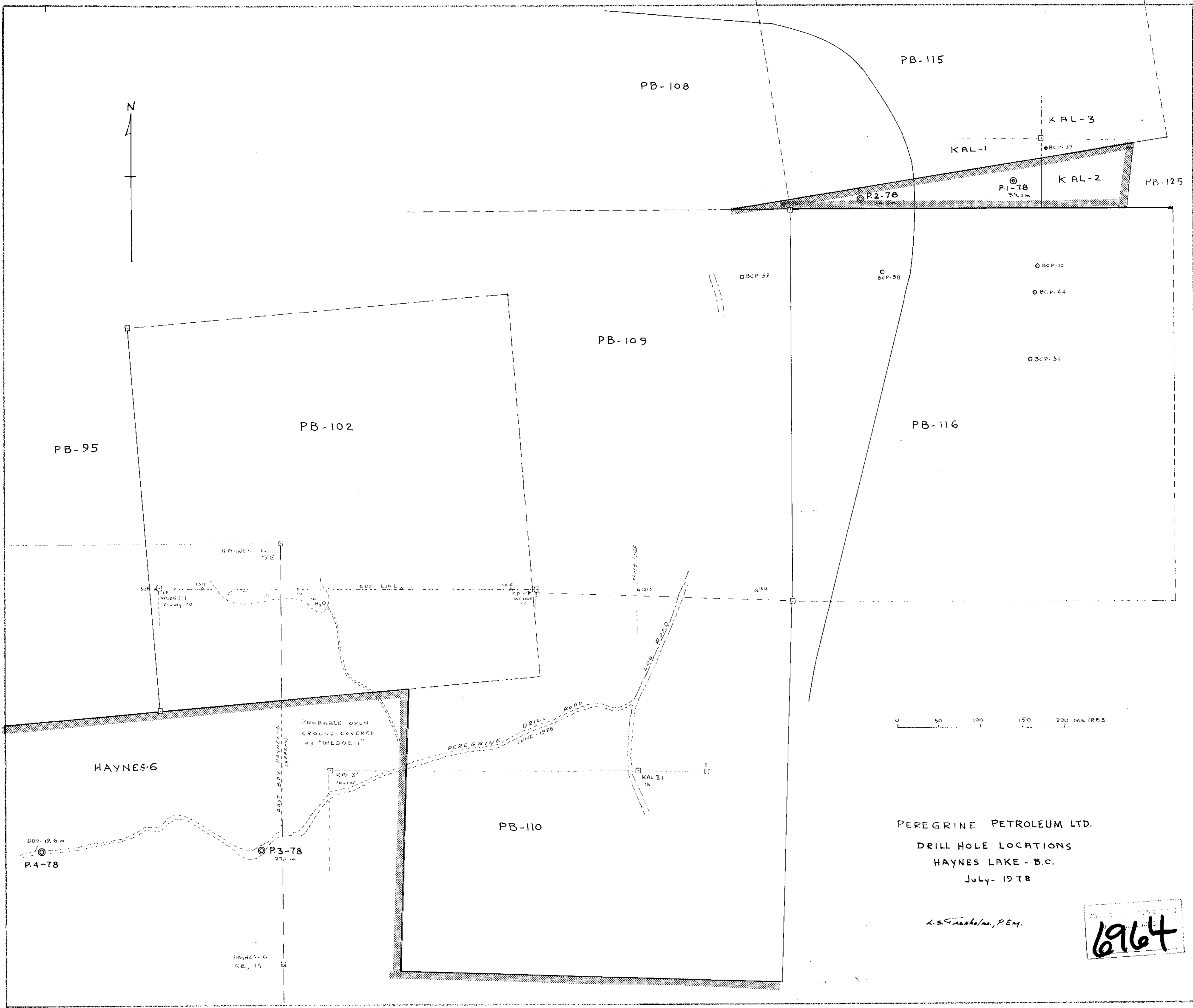
Core drilling - 590 ft. @ \$20.00 per ft.....	\$ 11,800.00
Cat hours on job - 22 hrs. @ \$30.00 per hour...	\$ 660.00
19 hours move time @ \$70.00 per hour.....	\$ 1,330.00
Mobe de mobe.....	\$ 500.00
39 bags Gel @ \$6.00 per bag.....	\$ 234.00
4 bags C.C. 16 @ \$23.00 per bag.....	\$ 92.00
4 bags Soda Ash @ \$21.00 per bag.....	\$ 84.00
45 gal. diesel used mixing mud.....	\$ 36.00
25 core boxes @ \$4.00 each.....	\$ 100.00
5 cases Quik Trol @ \$66.00 each.....	\$ 330.00
	<u>\$ 15,166.00</u>

Larry:

On your job we also used three 5 gal. pails
of Poly Gel but as yet we don't know the price of
it. Our mud price is from Thiessen supply at
Kamloops warehouse. *SEPT INJ. #322.50*

Verd Allen
Contractor's Representative

L.S. Trentolun
Company's Representative



PEREGRINE PETROLEUM LTD.
DRILL HOLE LOCATIONS
HAYNES LAKE - B.C.
July - 1978

L.S. [Signature], P.Eng.

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