

5238

SUMMARY REPORT OF EXPLORATION

ON CERTAIN

RANGER AND PAW MINERAL CLAIMS

Maggie Mine Area
N.T.S. 92-I-13,14
Clinton and Kamloops Mining Divisions

92I/14W

FOR

5238

PEYTO OILS LTD.

335 Examiner Building
805 - 5th Street SW
Calgary, Alberta

BY

Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. 5238 MAP.....

CORDILLERAN ENGINEERING LIMITED
1418 - 355 Burrard Street
Vancouver, B.C. V6C 2G8

OCTOBER 9, 1974.

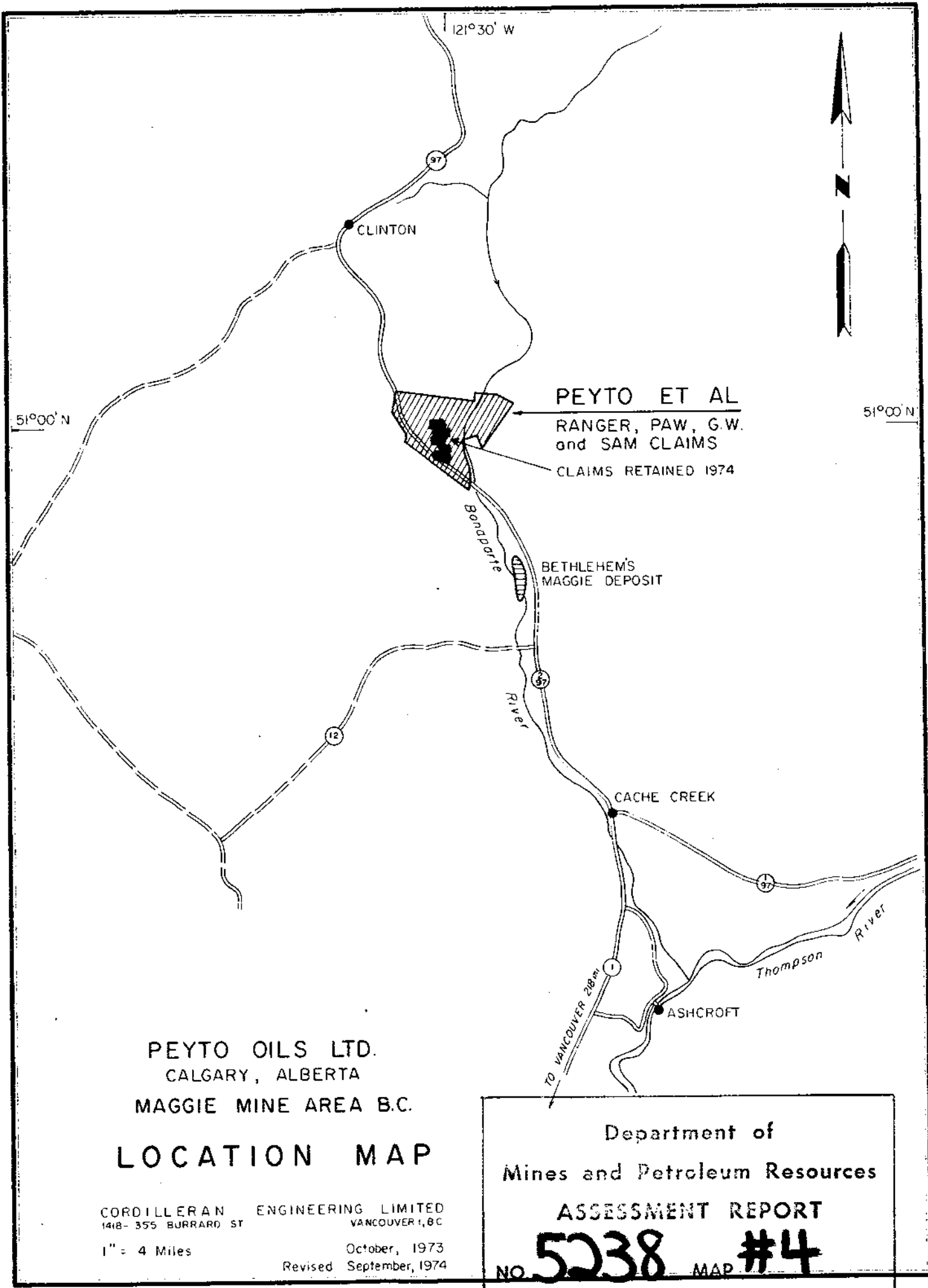


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PEYTO OILS LTD.
CALGARY, ALBERTA
MAGGIE MINE AREA B.C.
LOCATION MAP

CORDILLERAN ENGINEERING LIMITED
1418-355 BARRARD ST VANCOUVER, B.C.
1" = 4 Miles
October, 1973
Revised September, 1974

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5238 MAP #4

INTRODUCTION

This report has been written at the request of Mr. W. Wolodarsky, President of Peyto Oils Ltd. It describes a percussion drilling programme conducted during the period September 10th to September 15th, 1974. A total of 780 feet of percussion drilling in 4 holes was completed along a silicified zone in an attempt to verify and extend gold values recorded in 1973 drilling.

This report has been written to comply with the British Columbia Department of Mines and Petroleum Resources requirements for assessment purposes.

LOCATION AND ACCESS

The centre of the property is located at approximately $121^{\circ}31'W$ longitude and $51^{\circ}00'N$ latitude. This is approximately 5 miles south of Clinton, B.C. on Highway 97 North. Access on the claims is by numerous logging and forestry roads; a 4-wheel drive vehicle was required.

C L A I M S

(Appendix D; Figure 1)

A total of only 17 full-sized and fractional mineral claims was retained out of the large block of 159 claims held in 1973. These claims are in both the Kamloops and Clinton Mining Divisions and are held in the name of Mr. W. Wolodarsky for a joint venture group as follows:

Peyto Oils Ltd.	50%
Lochiel Exploration	20%
Balinderry Explorations ...	25%
Commercial Oil and Gas	5%

Two years assessment work has been applied to 16 claims and one year to one claim as a result of the 1974 programme.

A schedule of claims showing record numbers and new expiry dates is appended to this report.

HISTORY AND PREVIOUS WORK

The claims were staked in 1970 during the activity resulting from Bethlehem's Maggie discovery. An old adit and a shaft are located on the sothern part of the claims in silicified areas adjacent to faulting, however, no records of this work have been found. During the period 1970 to 1973, the following work has been conducted on behalf of Peyto et al:

- grid layout,
- geological and topographical mapping,
- a geochemical soil survey,
- a ground magnetometer survey,
- an induced polarization and resistivity survey and,
- 2,430 feet of percussion drilling.

Expenditures to date for claim acquisition and property work have totalled approximately \$100,000.

GEOLOGY AND MINERALIZATION

(Figure 2)

The property is underlain by altered sedimentary and volcanic rocks of the Cache Creek Group (Permian) and serpentine ultrabasic stocks (Triassic ?). Outcrops along the eastern and southwestern sides of the original claim block were mapped as tuff, cherty tuff, shale and chlorite schist. The general trend of bedding and shearing lies within 15 degrees of north, however, due to the intense local deformation, no definitive directions were established.

Two northwesterly trending silicified fracture zones were mapped in 1973. Minor copper mineralization, pyrite and localized bleaching were noted. During the 1973 drill programme higher grade gold values were encountered in a silicified section in pH 73-7. Since this hole was located on one of the northwesterly trending silicified zones, it was recommended that additional holes be drilled along strike to verify and possibly delineate an area of enriched gold values.

PERCUSSION DRILLING

(Appendix E; Figures 2, 3)

A total of 780 feet of percussion drilling in four holes was efficiently completed by L & L Drilling and Explorations Ltd. of Cache Creek, B.C. The drill cuttings were logged by A. F. Roberts, P.Eng. and are summarized as follows:

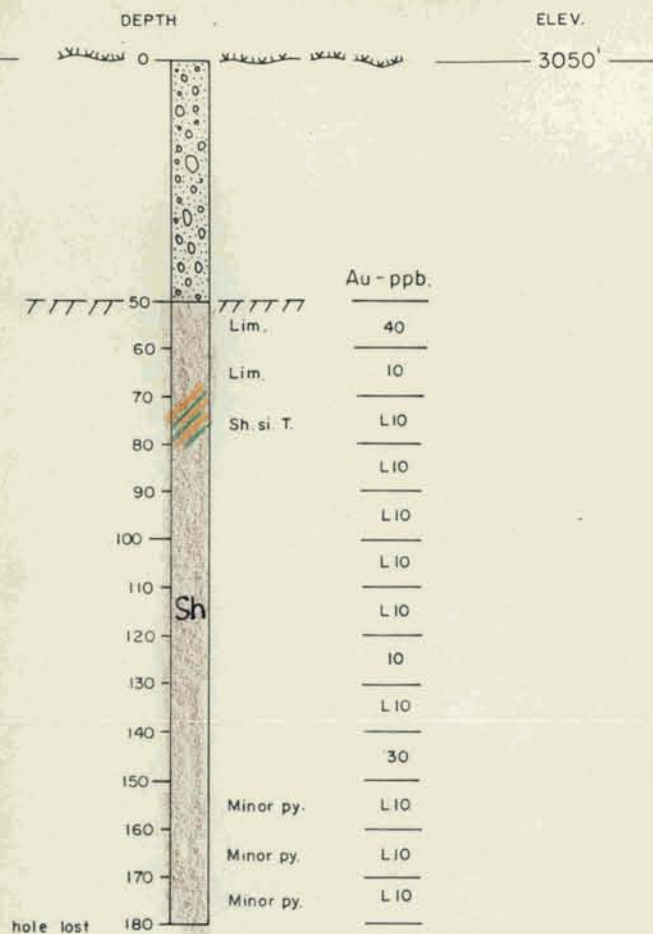
<u>Hole</u>	<u>Claim</u>	<u>Over- burden</u>	<u>Depth</u>	<u>Average Au ppb</u>	<u>Remarks</u>
74-1	Paw 4	50'	180'	L 10	Black shale, slight Fe stain, quartz 10-20%; less than 1% pyrite; hole caved, 80' of rods lost.
74-2	Paw 3	30'	210'	L 10	Black shale; 20-25% quartz, less than 1% pyrite; lost water.
74-3	Ranger 46	30'	210'	L 10	30-40' clay-black shale; 40-50' black shale, quartz; 50-210' black shale, clay, quartz-calcite 20%; less than 1% pyrite.
74-4	Ranger 5	50'	180'	L 10	50-165' shaley tuff, quartz calcite 15%, minor pyrite. 165-180' black shale - tuff with quartz and minor pyrite; Hole caved.

PERCUSSION DRILLING (cont'd)

The maximum gold value obtained was 40 ppb (.0011 oz/T) in hole 74-1 (from 50' to 60'). The rock type was black shale with about 10% quartz and slight limonite stain. The average analysis for each hole and the analyses for the panned concentrates for holes 74-2, -3 and -4 were all 10 ppb or less*. A significant decrease in pyrite content and in corresponding gold values was noted when comparing the 1974 with the 1973 results, however, quartz content in the various holes was relatively constant.

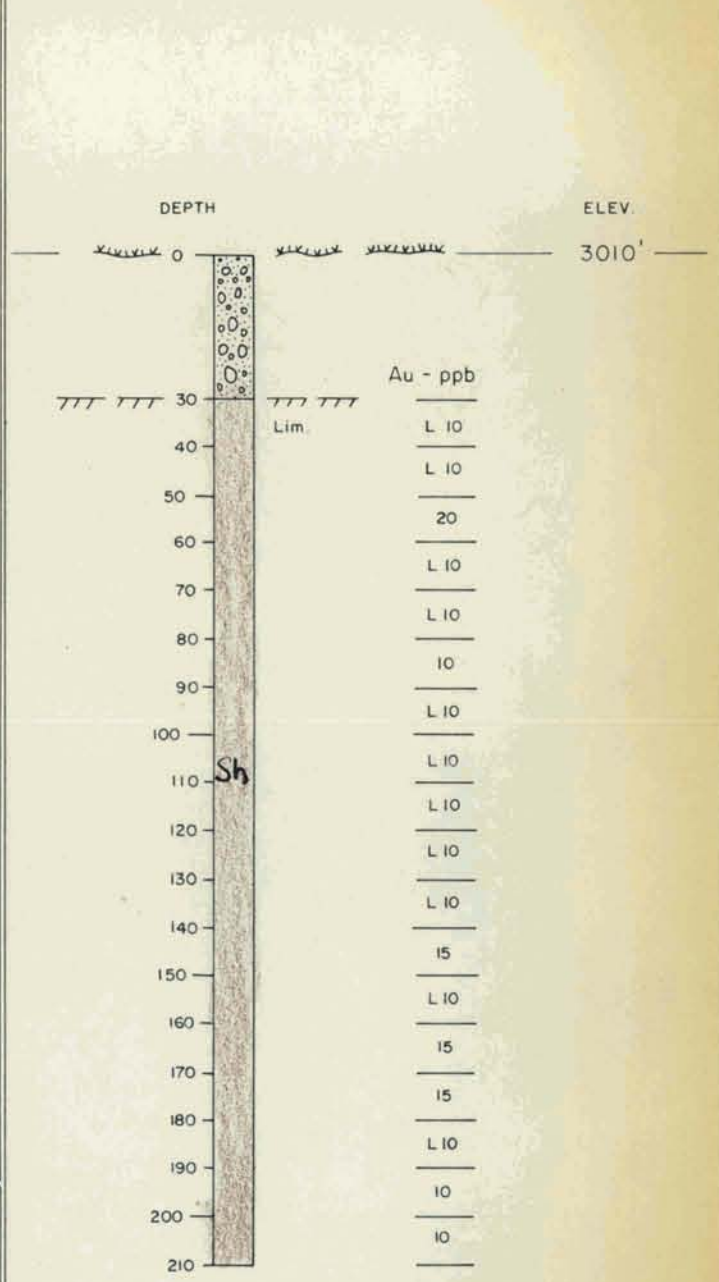
*For conversion purposes: 1 Troy oz/T = 34,286 ppb.

PH 74-1 12+80 S
17+30 E



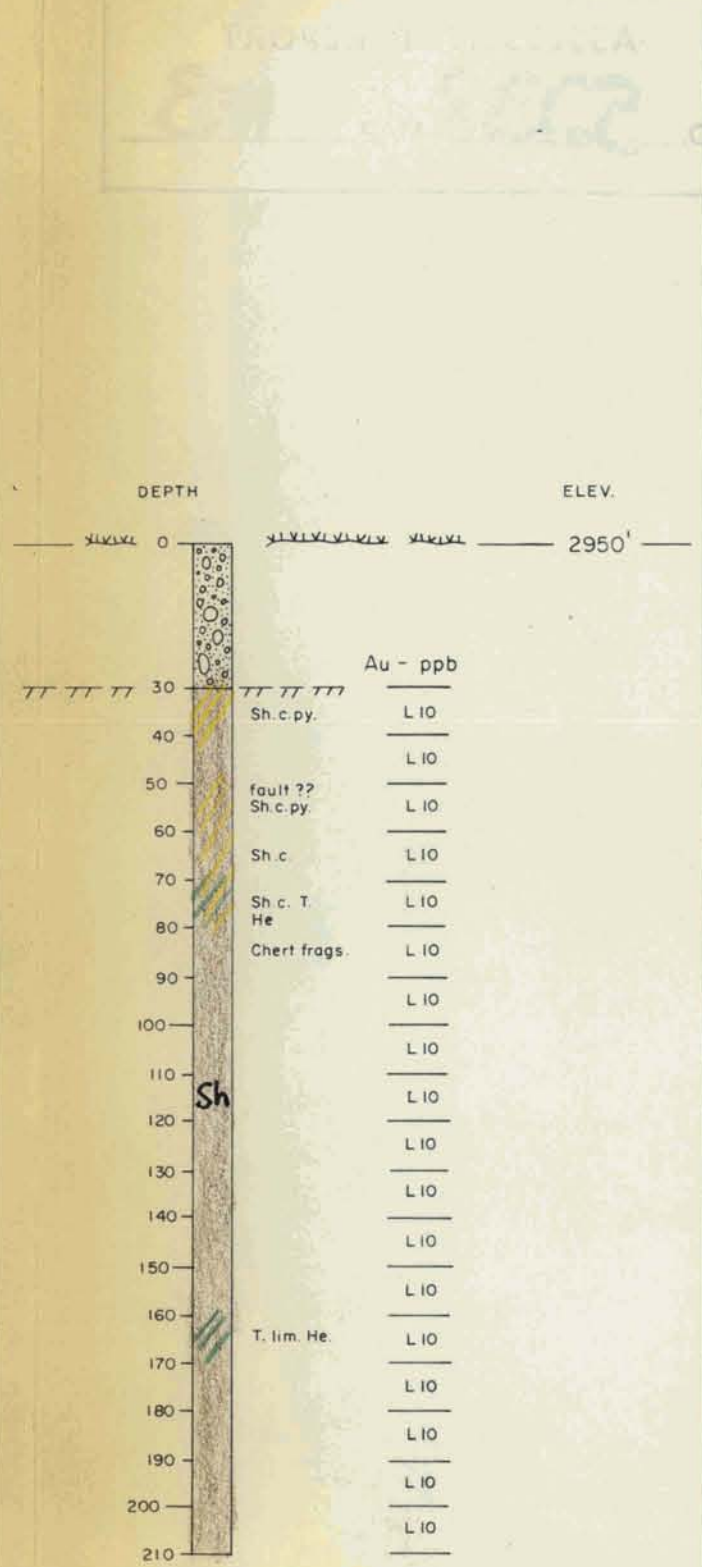
Average 50'-180' = 130' at L10 ppb.

PH 74-2 23+50 S
20+50 E



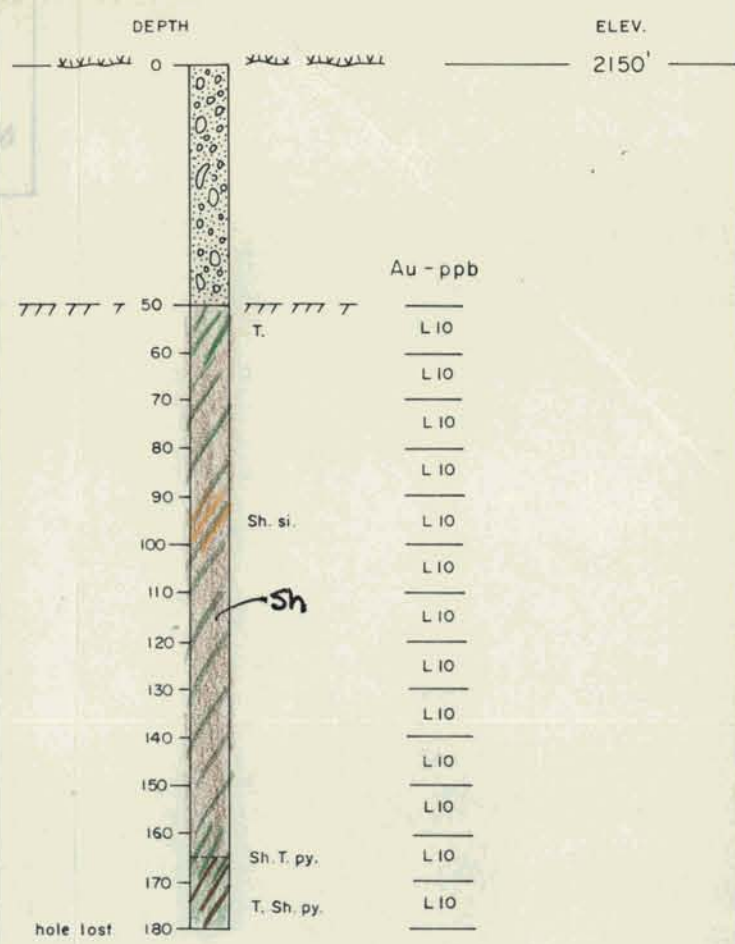
Average 30'-210' = 180' at L10 ppb.
Panned Concentrate 10 ppb

PH 74-3 31+00 S
30+50 E



Average 30'-210' = 180' at L10 ppb.
Panned Concentrate 10ppb.

PH 74-4 72+50 S
43+00 E



Average 50'-180' = 130' at L10 ppb.
Panned Concentrate 100'-130' = L10ppb.

5238 m3

PEYTO OILS LTD.
CALGARY, ALBERTA
MAGGIE MINE AREA, B.C.
PERCUSSION DRILL SECTIONS
SHOWING ANALYSES

SCALE: 1" = 40'
BY
CORDILLERAN ENGINEERING LIMITED
1418 - 355 BARRARD STREET
VANCOUVER, B.C.

LEGEND

- Overburden
- Black Shale
- Black Shale, clayish, lighter colored washings.
- Black Shale, silicified
- Tuff: green, shaley
- He, Py, Lim. Hematite, Pyrite, Limonite
- L10 Less than 10ppb (limit of accuracy)



To accompany a report by M.H. Sanguinetti, P.Eng., dated Oct. 9, 1974

SUMMARY AND CONCLUSIONS

A total of 17 mineral claims in the Clinton and Kamloops Mining Divisions are held in the name of Mr. W. Wolodarsky for Peyto Oils et al. These are located on Highway 97 North about 5 miles south of Clinton.

The property is underlain by altered sedimentary and volcanic rocks of the Cache Creek Group. Two silicified fracture zones mapped in 1973 had been previously developed by an old adit and a shaft. A percussion drill programme in 1973 returned anomalous gold values in hole pH-73-7 which is on the northwesterly extension of one of these silicified zones.

The 1974 drilling programme was designed to test for the possible extension of any gold values along this structure between pH 73-7 and the adit (#2). Four holes totalling 780 feet were drilled by L & L Drilling and Explorations Ltd. of Cache

SUMMARY AND CONCLUSIONS (cont'd)

Creek. The results of this work returned no anomalous values, each hole averaging less than 10 ppb gold. Because of these low results it was concluded that the anomalous values recorded in 73-7 were probably due to salting from a gold-enriched zone lying between 140' and 150' and that this enrichment does not extend along the silicified zone where the 1974 percussion drilling was conducted.

RECOMMENDATION

No additional work is recommended on this claim group.



Respectfully submitted
CORDILLERAN ENGINEERING LIMITED

A handwritten signature in cursive script that reads "M. H. Sanguinetti".

M. H. Sanguinetti, B.Sc., P.Eng.
Geologist

MHS/z

October 9, 1974.

Canada

Province of British Columbia

To Wit:

In the Matter of

A percussion drilling programme conducted on certain Ranger and Paw claims in the Clinton and Kamloops Mining Divisions.

I, Michael H. Sanguinetti, agent for W. Wolodarsky, of the city of Vancouver in the Province of British Columbia

Do Solemnly Declare that a percussion drilling programme was conducted on certain Ranger and Paw Mineral Claims in the period September 10th to September 15, 1974. The following costs were incurred:

1.	<u>L & L DRILLING & EXPLORATIONS</u>		
	Percussion Drilling	\$3,120.00	
	Water Truck	160.00	
	Labour	182.00	\$3,462.00
	D.DeCoteau, Cache Creek, B.C. Sept. 11-13/74; 28 hrs x \$6.50/hr		
2.	<u>A. F. ROBERTS, P. Eng.</u>		
	Logging, on site supervision		
	Sept. 11-16 - 6 days		1,112.55
3.	<u>BONDAR-CLEGG & CO. LTD.</u>		
	Analysis		260.00
4.	<u>CORDILLERAN ENGINEERING LIMITED</u>		
	Overall supervision, interpretation, report, M.H. Sanguinetti, P. Eng.		
	Sept. 9-Oct. 31, 1974 - 9 3/4 d x \$175/d	\$1,706.25	
	A.F. Reeve P. Eng., Sept. 10 1/2 d x \$175/ day	87.50	
	Vehicle Rental (Chev 4-wheel drive pickup)	342.38	
	Report, printing costs	266.96	
	Accommodation, meals, communication ..	205.97	2,609.06
		TOTAL COSTS	\$7,443.61

And I make this solemn Declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath, and by virtue of the Canada Evidence Act.

Declared before me
at Vancouver
in the Province of British Columbia
this 31st day of
October A.D. 1974

Michael H. Sanguinetti

J.P. Phillips

Sub-mining Recorder

LIST OF PERSONNEL AND CONTRACTORSPERCUSSION DRILLING

L & L Drilling and Explorations	-	L. W. Reaugh
P. O. Box 43	-	L. Spence
Cache Creek, B.C.	-	D. DeCoteau

CONSULTING, LOGGING

A. F. Roberts, P.Eng.
 Consulting Mining Engineer
 404 - 470 Granville Street
 Vancouver, B.C.

GEOLOGICAL CONSULTING, SUPERVISION

Cordilleran Engineering Limited	-	M. H. Sanguinetti,
1418 - 355 Burrard Street		P.Eng.
Vancouver 1, B.C.	-	A. F. Reeve, P.Eng.

ANALYSIS

Bondar-Clegg & Company Ltd.
 1500 Pemberton Ave.
 North Vancouver, B.C.

CORDILLERAN ENGINEERING LIMITED

MINERAL EXPLORATION
MANAGEMENT AND
ENGINEERING CONSULTANTS

1418-355 BURRARD STREET
VANCOUVER, B.C.
V6C 2P8
TELEPHONE (604) 681-8381

WRITER'S CERTIFICATE

I, Michael H. Sanguinetti of Vancouver, British Columbia hereby certify that:

1. I am a geologist residing at 2208 West 35th Avenue, and employed by Cordilleran Engineering Limited of 1418 - 355 Burrard Street, Vancouver 1, B.C.
2. I am a graduate of the University of British Columbia, B.Sc., in 1965, and have practiced my profession since that time.
3. I am a member of the Association of Professional Engineers of the Province of British Columbia.
4. I am the author of this report which is based on a percussion drilling programme conducted during September, 1974 on certain Ranger, and Paw claims on behalf of Peyto Oils Ltd.



CORDILLERAN ENGINEERING LIMITED

M. H. Sanguinetti
M. H. Sanguinetti, B.Sc., P.Eng.
Geologist

October 9, 1974
Vancouver, B.C.

CLAIM SCHEDULE

CLINTON MINING DIVISION

TITLE: W. Wolodarsky

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Paw 2	27616 N	October 22, 1976
Ranger 30	25878 N	October 22, 1976
Ranger 31	27608 N	October 22, 1976

KAMLOOPS MINING DIVISION

TITLE: W. Wolodarsky

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Paw 3	92524 N	October 22, 1976
Paw 4	92525 N	October 22, 1976
Paw 5	92526 N	October 22, 1976
Paw 6	92527 N	October 22, 1976
Paw 4 Fr	100191 M	September 16, 1976
Ranger 5	91927 M	September 30, 1976
Ranger 7	91929 M	September 30, 1976
Ranger 18 Fr	100193 M	September 16, 1976
Ranger 32	92575 N	October 22, 1976
Ranger 33	92576 N	October 22, 1976
Ranger 45	100186 M	September 16, 1976
Ranger 46	100187 M	September 16, 1976
Ranger 47	100188 M	September 16, 1976
Ranger 48	100189 M	September 16, 1975

REFERENCESBRITISH COLUMBIA:

Minister of Mines Annual Reports for
the years 1900 - 1971.

CAMPBELL, R.B., and TIPPER, H.W.:

1971: "Bonaparte Lake Map-Area", Geol.Surv.Can.,
Mem. 363.

DUFFELL, S., and McTAGGART, K.C.:

1952: "Ashcroft Map-Area", Geol.Surv.Can., Mem.262.

GEOLOGICAL SURVEY OF CANADA:

1968: Geophysical maps: 92-I-14,
Cache Creek; 92-P-3, Loon Creek.

GIETZ, O:

1971: "Maggie Claims, Cache Creek Area, B.C.,
Geological Reconnaissance", Peyto Oils Ltd.,
Assessment Report.

NEY, C.S.:

1972: Private correspondence to Peyto Oils Ltd.

PEYTO OILS LTD:

1972: Annual Report for the year ending
May 31, 1972.

PRENDERGAST, J.B.:

1972: "Report on Geophysical Surveys; Ranger,
Paw, Sam, G.W.Claims, Bonaparte Valley",
Peyto Oils Ltd., Assessment Report.

SANGUINETTI, M.H.:

1973: "Summary Report of Exploration on the
Ranger, Paw, G.W. and Sam Claims", Peyto Oils Ltd.
Private Report.

CORDILLERAN ENGINEERING LIMITED

PERCUSSION DRILL HOLE LOG

HOLE NO. PH 74-1 CLAIM Paw 4 PROJECT Peyto - Cache Cr DATE Sept. 12, 1974 PAGE: 1

LOCATION: Ground Coordinates 12+80S, 17+30E BIT DIAMETER: Casing 3 1/4"
~~Map or Photo~~ Elev. 3050' Drill 2"

DEPTH: Overburden 50' BEARING _____ INCLINATION 90°
 Bedrock 130'
 TOTAL 180' DRILLED BY L & L DRILLING

CASING DEPTH: 20' LOGGED BY A. F. Roberts

SAMPLE FRACTION: 1/8 CASING FACTOR _____

From	To	SAMPLE DESCRIPTION	Dry Vol.	Calc. Vol.	Rec. %	Analysis (ppm) or Assay (%)		
						Cu	Mo	Au ppb
0'	50'	Overburden						
50'	60'	Black shale, slight limonite stain, 10% quartz						40
60'	70'	As above, slight limonite stain, 20% quartz.						10
70'	80'	As above, few specks greenish rock, silicified volcanics (?) 20% quartz.						L 10
80'	90'	As above.						L 10
90'	100'	As above.						L 10
TOTAL								

APPENDIX "F"

CORDILLERAN ENGINEERING PERCUSSION DRILL HOLE LOG

HOLE NO. PH 74-1 PROJECT Peyto, Cache Creek DATE Sept. 12, 1974 PAGE 2

From	To	SAMPLE DESCRIPTION	Dry Vol.	Calc. Vol.	Rec. %	Analysis (ppm) or Assay (%)			
						Cu	Mo	Au ppb	
100'	110'	As above, but finer chips						L 10	
110'	120'	As above, normal chips						L 10	
120'	130'	As above						10	
130'	140'	As previous						L 10	
140'	150'	As above.						30	
150'	160'	As above, minor pyrite.						L 10	
160'	170'	As above, minor pyrite.						L 10	
170'	180'	As above, small sample from						L 10	
		regrinding.							
180'		<u>END OF HOLE</u> , Lost 80 feet of							
		rods.							
		<u>Note:</u> Quartz is watery, some with bluish tint, to milk white.							
		Under 80X binocular, some pyrite, very fine was noted. Calcite = Quartz 12%							
		also occasional fragments of reddish and greenish tuff rock, otherwise all							
		balance is black shale.							
		<u>AVERAGE:</u> 50'-180' = 130' at L 10 ppb							
TOTAL									

APPENDIX "F" 11

CORDILLERAN ENGINEERING LIMITED

PERCUSSION DRILL HOLE LOG

HOLE NO. PH 74-2 CLAIM Paw 3 PROJECT Peyto, Cache Cr. DATE Sept. 13, 1974 PAGE 1

LOCATION: Ground Coordinates 23+50S; 20+50E BIT DIAMETER: Casing 3 1/4
~~Map or Photo~~ Elev. 3010' Drill 2'

DEPTH: Overburden 0-30' BEARING _____ INCLINATION 90°
 Bedrock 30-210'
 TOTAL 210' DRILLED BY L & L DRILLING

CASING DEPTH: 20' LOGGED BY A. F. Roberts

SAMPLE FRACTION: 1/8 CASING FACTOR _____

From	To	SAMPLE DESCRIPTION	Dry Vol.	Calc. Vol.	Rec. %	Analysis (ppm) or Assay (%)		
						Cu	Mo	Au ppb
0'	30'	Overburden.						
30'	40'	Black shale, 20-25% quartz occasional limonite stain.						L 10
40'	50'	As above, stain very rare.						L 10
50'	60'	As above, stain very rare.						20
60'	70'	As above, stain very rare.						L 10
70'	80'	As above, stain very rare.						L 10
80'	90'	As above, stain very rare						10
90'	100'	As above, stain very rare.						L 10
100'	110'	As above, stain very rare.						L 10
TOTAL								

CORDILLERAN ENGINEERING PERCUSSION DRILL HOLE LOG

HOLE NO. PH 74-2 PROJECT Peyto, Cache Creek DATE Sept.13,1974 PAGE 2

From	To	SAMPLE DESCRIPTION	Dry Vol.	Calc. Vol.	Rec. %	Analysis (ppm) or Assay (%)			
						Cu	Mo	Au ppb	
110'	120'	As above.						L 10	
120'	130'	As above.						L 10	
130'	140'	As above.						L 10	
140'	150'	As above.						15	
150'	160'	As above.						L 10	
160'	170'	As above.						15	
170'	180'	As above.						15	
180'	190'	As above.						L 10	
190'	200'	As above.						10	
200'	210'	As above.						10	
210'		<u>END OF HOLE</u>							
		Washed some rejects. Recovered minor pyrite, very fine.							
		Under 80X binocular a few pieces of tuff cemented with hematite. Most quartz is clear and watery. Calcite identified. Estimate pyrite less than 1%, at best.							
		Panned concentrate - quartz, calcite, fine pyrite, shale, tuff cherts.							
		Panned Concentrate						10	
		<u>AVERAGE 30'-210' = 180' at L 10 ppb</u>							
TOTAL									

CORDILLERAN ENGINEERING LIMITED

PERCUSSION DRILL HOLE LOG

HOLE NO. 74-3 CLAIM Ranger 46 PROJECT Peyto, Cache Cr. DATE Sept. 14, 1974 PAGE: 1

LOCATION: Ground Coordinates 31S; 30+50E BIT DIAMETER: Casing 3 1/4"
 Map or Photo Elev. 2950' Drill 2"

DEPTH: Overburden 30' BEARING _____ INCLINATION 90°
 Bedrock 180'
 TOTAL 210' DRILLED BY L & L DRILLING

CASING DEPTH: 20' LOGGED BY A. F. Roberts

SAMPLE FRACTION: 1/8 CASING FACTOR _____

From	To	SAMPLE DESCRIPTION	Dry Vol.	Calc. Vol.	Rec. %	Analysis (ppm) or Assay (%)				
						Cu	Mo	Au ppb		
0'	30'	Overburden.								
30'	40'	Very light coloured clayey (fault gouge ?). Black shale, quartz pyrite, calcite.						L 10		
40'	50'	Black shale, quartz, pyrite.						L 10		
50'	60'	Lighter coloured, washings are clayey. Black shales (fault gouge ?) pyrite quartz, calcite.						L 10		
60'	70'	As above.						L 10		
70'	80'	As above, hematite, tuff stained						L 10		
TOTAL										

CORDILLERAN ENGINEERING PERCUSSION DRILL HOLE LOG

HOLE NO. 74-3 PROJECT Peyto, Cache Creek DATE Sept. 14, 1974 PAGE 2

From	To	SAMPLE DESCRIPTION	Dry Vol.	Calc. Vol.	Rec. %	Analysis (ppm) or Assay (%)			
						Cu	MO	Au ppb	
80'	90'	As above, few fragments of chert.						L 10	
90'	100'	As above, no chert.						L 10	
100'	110'	As above.						L 10	
110'	120'	As above.						L 10	
120'	130'	As above.						L 10	
130'	140'	As above.						L 10	
140'	150'	As above.						L 10	
150'	160'	As above.						L 10	
160'	170'	As above, tuff with limonite, hematite stain.						L 10	
170'	180'	As above.						L 10	
180'	190'	As above.						L 10	
190'	200'	As above.						L 10	
200'	210'	As above.						L 10	
210'	<u>END OF HOLE.</u>								
		Panned rejects, are much as above. This hole appears to				carry considerable mud			
		suggestive of fault gouge. Over all there is less black				shale, and more quartz-calcite			
		some tuff and chert, considerable staining of quartz and				calcite to pink (hematite).			
TOTAL		Fair pyrite, very fine, in panned concentrate. Panned Rejects AVERAGE: 30'-210' = 180' at L 10 ppb						10	

APPENDIX "F" VI

CORDILLERAN ENGINEERING LIMITED

PERCUSSION DRILL HOLE LOG

HOLE NO. 74-4 CLAIM Ranger 5 PROJECT Peyto, Cache Cr. DATE Sept. 15, 1974 PAGE: 1

LOCATION: Ground Coordinates 72+50S - 43E BIT DIAMETER: Casing 3 1/4"
 Map or Photo Elev. 2150' Drill 2"

DEPTH: Overburden 50' BEARING _____ INCLINATION 90°
 Bedrock 130'
 TOTAL 180' DRILLED BY L & L DRILLING

CASING DEPTH: 45' LOGGED BY A. F. Roberts

SAMPLE FRACTION: 1/8 CASING FACTOR _____

From	To	SAMPLE DESCRIPTION	Dry Vol.	Calc. Vol.	Rec. %	Analysis (ppm) or Assay (%)		
						Cu	Mo	Au ppb
0'	50'	Overburden.						
50'	60'	Light green shaley tuff, quartz calcite 10%						L 10
60'	70'	As above, few fragments black silicified shale.						L 10
70'	80'	As above.						L 10
80'	90'	As above, possibly quartz-calcite increase - 15%.						L 10
90'	100'	As above, more silicified shale - quartz - calcite.						L 10
100'	110'	As above.						L 10
TOTAL								

CORDILLERAN ENGINEERING PERCUSSION DRILL HOLE LOG

HOLE NO. 74-4 PROJECT Peyto, Cache Cr. DATE Sept.15,1974 PAGE 2

From	To	SAMPLE DESCRIPTION	Dry Vol.	Calc. Vol.	Rec. %	Analysis (ppm) or Assay (%)			
						Cu	Mo	Au ppb	
110'	120'	As above, washed concentrate in bag						L 10	
120'	130'	As above, no pyrite.						L 10	
130'	140'	As above.						L 10	
140'	150'	As above.						L 10	
150'	160'	As above.						L 10	
160'	170'	At 165' black shale mixed with tuff, minor pyrite, quartz-calcite.						L 10	
170'	180'	Mixed tuff and black shale, quartz-calcite pyrite.						L 10	
180'		END OF HOLE; rods stuck, but recovered.							
		Last 20' of this hole same as 74-3.							
		CONCENTRATE 100-130'						L 10	
		AVERAGE: 50'-180' = 130' at L 10 ppb							
TOTAL									



BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

OCT 7 1974

PROJECT: PEYTO CACHE CREEK

Extraction Fire Assay & Hot Aqua Regia

Report No. 24 - 719

Method Atomic Absorption

From Cordilleran Engineering Ltd.

Fraction Used -100 mesh

Date October 4, 19 74

SAMPLE NO.	Au ppb				SAMPLE NO.	Au ppb			
15701	40				15731	10			
15702	10				15732	L10			
15703	L10				15733	L10			
15704	L10				15734	L10			
15705	L10				15735	L10			
15706	L10				15736	L10			
15707	L10				15737	L10			
15708	10				15738	L10			
15709	L10				15739	L10			
15710	30				15740	L10			
15711	L10				15741	L10			
15712	L10				15742	L10			
15713	L10				15743	L10			
15714	L10				15744	L10			
15715	L10				15745	L10			
15716	20				15746	L10			
15717	L10				15747	L10			
15718	L10				15748	L10			
15719	10				15749	L10			
15720	L10				A	L10			
15721	L10				B	L10			
15722	L10				C	L10			
15723	L10				D	L10			

APPENDIX "A"

STATUTORY DECLARATION OF EXPENDITURES

APPENDIX "B"

LIST OF PERSONNEL AND CONTRACTORS

APPENDIX "C"

WRITER'S CERTIFICATE

APPENDIX "D"

CLAIM SCHEDULE

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PERCUSSION DRILL LOGS

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ANALYSES

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DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA.
To Wit:

In the Matter of expenses incurred on the Gavin Lake Property, Gavin 1-18 incl. & Wet 1-48 incl. between 1 March and October 24, 1970

I, C.J. Hodgson

of 601-535 Thurlow St., Vancouver 5, B.C.

in the Province of British Columbia, do solemnly declare that

- I - I am Agent for Amax Exploration, Inc. and as such am duly authorized to make this declaration.
- II - The detailed account of expenses incurred on Gavin 1-18 incl. and Wet 1-48 incl. mineral claims between March 1, 1970 and October 24, 1970 is as follows:-

SUMMARY OF WORK

Geological Survey - 4 sq.mi.
 Geochemical Survey - 4 sq.mi.
 Geochemical Analyses - 1368 samples
 Magnetometer Survey - 51.5 line miles
 Line Cutting - 28.1 line miles

PERSONNEL INVOLVED

C.J. Hodgson - Geologist i/c - 601 - 535 Thurlow St. Vancouver 5, B.C.
 G.M. DePaoli - Geophysicist - 601 - 535 Thurlow St. Vancouver 5, B.C.
 R.F. Horsnail - Geochemist - 601 - 535 Thurlow St. Vancouver 5, B.C.
 R.E.W. Lett - Geochemist - 601 - 535 Thurlow St. Vancouver 5, B.C.
 R.J. Bailes - Sr.Assistant - 36 Greenwich Bay, Winnipeg 6, Manitoba
 D.C. Smith - Sr.Assistant - 14 Pirie's Lane, Aberdeen, Scotland
 P.J. Vanstone-Sr.Assistant - P.O. Box 39, Bowmanville, Ont.
 T.R. Underwood-Jr.Assistant- Box 150, Montrose, B.C.
 A.S.C. Lau -Jr.Assistant - 2185 E 61 Ave., Vancouver 16, B.C.
 J.M. Muff - Jr.Assistant- 11 Hillcrest Ave., Deep River, Ont.
 D.J. Matier -Jr.Assistant - #1003-1640 Alberni St., Vancouver, B.C.
 J.L. LeBel - Mag Operator- R.R. #4, Belleville, Ontario
 A.A. Almond - Prospector - P.O. 242, Vanderhoof, B.C.
 L.E. Tattersall-Prospector - General Delivery, Williams Lake, B.C.
 K.F. Zurbuchen - Cook - General Delivery, Williams Lake, B.C.

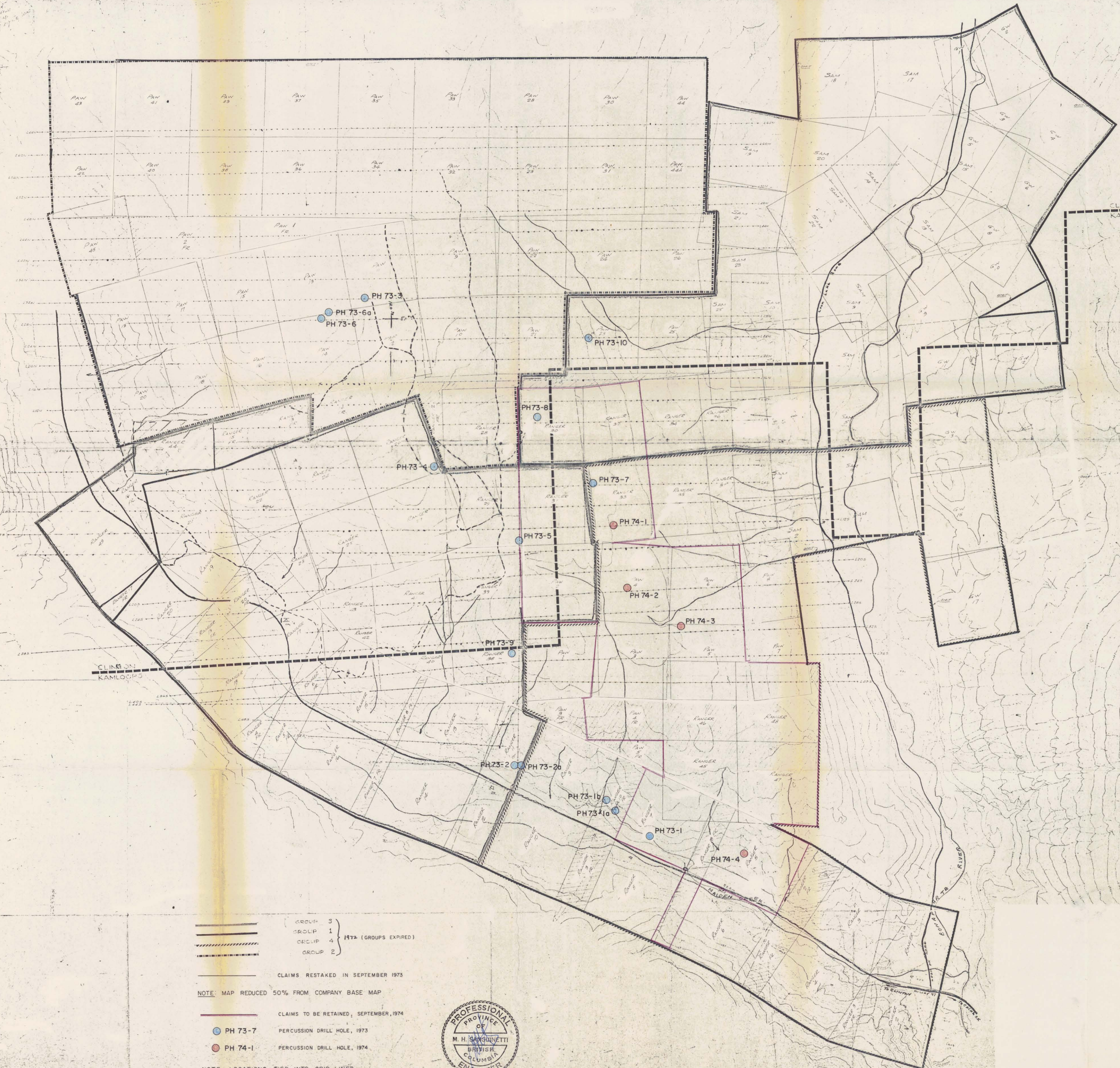
(Cont'd Page 2)

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the *Town*
 of *Quesnel*, in the
 Province of British Columbia, this *26*
 day of *October* 1970, A.D.

C.J. Hodgson

[Signature]
 A Commissioner for taking Affidavits within British Columbia or
 A Notary Public in and for the Province of British Columbia.



5238
M1

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5238 MAP #1

PEYTO OILS LTD.
CALGARY, ALBERTA
MAGGIE MINE AREA B.C.

CLAIM MAP
SHOWING
PERCUSSION DRILL HOLE LOCATIONS
BY

CORDILLERAN ENGINEERING LIMITED
1418-355 BURNARD STREET
VANCOUVER 1, B.C.

SCALE: 1" = 800'
OCTOBER, 1973
REVISED SEPTEMBER, 1974

FIGURE 1

GROUP 3 }
GROUP 1 } 1972 (GROUPS EXPIRED)
GROUP 4 }
GROUP 2 }

CLAIMS RESTAKED IN SEPTEMBER 1973

NOTE: MAP REDUCED 50% FROM COMPANY BASE MAP

CLAIMS TO BE RETAINED, SEPTEMBER, 1974

● PH 73-7 PERCUSSION DRILL HOLE, 1973
● PH 74-1 PERCUSSION DRILL HOLE, 1974

NOTE: LOCATIONS TIED INTO GRID LINES

To accompany a report by M.H. Sanguinetti, P.Eng., dated October 9, 1974





5238

5238
Map 2

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5238 MAP #2

PEYTO OILS LTD.
CALGARY, ALBERTA
MAGGIE MINE AREA, B.C.
GEOLOGY AND DRILL HOLE LOCATIONS

SCALE IN FEET
0 100 200

BY
CORDILLERAN ENGINEERING LIMITED
1111 300 BURNARD STREET
VANCOUVER, B.C.
NOV 1973
REVISED SEPTEMBER 1974

LEGEND

- 5 CHLORITE SCHIST
- 4 GREY TUFF, ARGILLITE, BLACK SHALE
- 3 CHERT
- 2 SILICIFIED ZONE
- 1 ULTRABASIC INTRUSIVE

- FAULT, MINERALIZED SHEAR
- SHEARING
- BEDDING
- SAMPLE LOCATION

PH 1 PERCUSSION DRILL HOLE (Section of Rocktype shown at 1"=100')
 74.0/1.0/1.0 — AVERAGE ANALYSES, Cu ppm, Mo ppm, Ag ppm, Au ppm
 0.8' 20' 0.80' — OVERBURDEN (ft.), TOTAL DEPTH (ft.)

PH 74-1 PERCUSSION DRILL HOLE (Section of Rocktype shown at 1"=100')
 1.0 — AVERAGE ANALYSES, Au, ppm
 0.8' 30' 0.80' — OVERBURDEN (ft.), TOTAL DEPTH (ft.)

