



P. O. Box 269
Watson Lake, Yukon
YOA 1C0

13 May, 1982



Your file Votre référence

Our file Notre référence

REGIONAL DIRECTOR RESOURCES

Attention: Supervising Mining
Recorder

RESTRICTED

Enclosed are Diamond Drill logs submitted by Hudson Bay Exploration and Development Company Limited for assessment on the SHALE, RENO, FRED and BIG mineral claims located on Map 105-G-14.

Drill holes were as follows:

PB - 8	94.2 Metres	(Shale 40)
PB - 9	151.2 Metres	(Shale 42)
PB - 10	104.5 Metres	(Shale 41)
PB - 11	105.2 Metres	(Reno 38)

Total assessment credit requested is \$63,300.00.

Drill core is being stored on the SHALE 41 mineral claim.

Yours truly,

Patti L. McLeod
Mining Recorder
Watson Lake Mining District

nm
encl.

cc: Regional Geologist

091025

HUDSON BAY EXPLORATION AND DEVELOPMENT

COMPANY LIMITED

PELLY BANKS OPTION

SHALE - RENO - FRED - BIG CLAIMS

ASSESSMENT REPORT 1982

DIAMOND DRILLING

$61^{\circ}46'N$ $131^{\circ}10'W$

WATSON LAKE MINING DISTRICT

R. STROSHEIN

YUKON TERRITORY

APRIL - 1982



091025

TABLE OF CONTENTS

	Page No.
1. SUMMARY.....	1
2. LOCATION AND ACCESS.....	1
3. CLAIM OWNERSHIP.....	4
4. 1982 DIAMOND DRILLING PROGRAM.....	4
5. CONCLUSIONS AND RECOMMENDATIONS.....	5
APPENDIX I DIAMOND DRILL LOGS: PB-8-9-10-11	
APPENDIX II DIAMOND DRILL SECTION: PB -8-9-10-11	
APPENDIX III DIAMOND DRILL ASSAY SHEETS: PB-8-9-10-11	
APPENDIX IV QUALIFICATIONS: R. STROSHEIN	

LIST OF FIGURE

Figure	Page No.
1. DRILL HOLE LOCATION PLAN.....	2
2. PELLY BANKS OPTION LOCATION MAP.....	3
3. SHALE - RENO - FRED - BIG CLAIM LOCATION PLAN.....	Pocket

1. SUMMARY:

A total of 454.9 metres of diamond drilling was completed in four test holes. See figure 1, DRILL HOLE LOCATION PLAN.

Test holes PB 8 and 9 were drilled to explore the eastward strike potential of the mineralization intersected in DDH PB 6 and 7 (See assessment report 1981). The results were discouraging as PB-8 intersected a major fault at 49 metres; before the target horizon was intercepted. PB-9 tested the horizon at a greater depth (124 metres). No significant mineralization was encountered.

Test holes PB 10 and 11 were drilled to test two EM conductors south of the previous drilling (See Figure 1). No significant mineralization was encountered in either hole but the stratigraphy encountered in PB-11 was similar to the sections outlined for the target horizon in the previous drilling.

Prospecting of outcrops in the cliff above the river at section 3 + 00E located a small siliceous lens mineralized with galena-sphalerite within the quartz chlorite phyllite unit.

The results of the drilling were very discouraging and as indicated in Figure 1 the geological interpretation suggest very little potential for economic mineralization in the local area.

The presence of recognizeable stratigraphy in test hole PB-11 and the mineralized showing on the adjoining EAGLE claims suggest further exploration on the property to locate the test and geologically promising horizon.

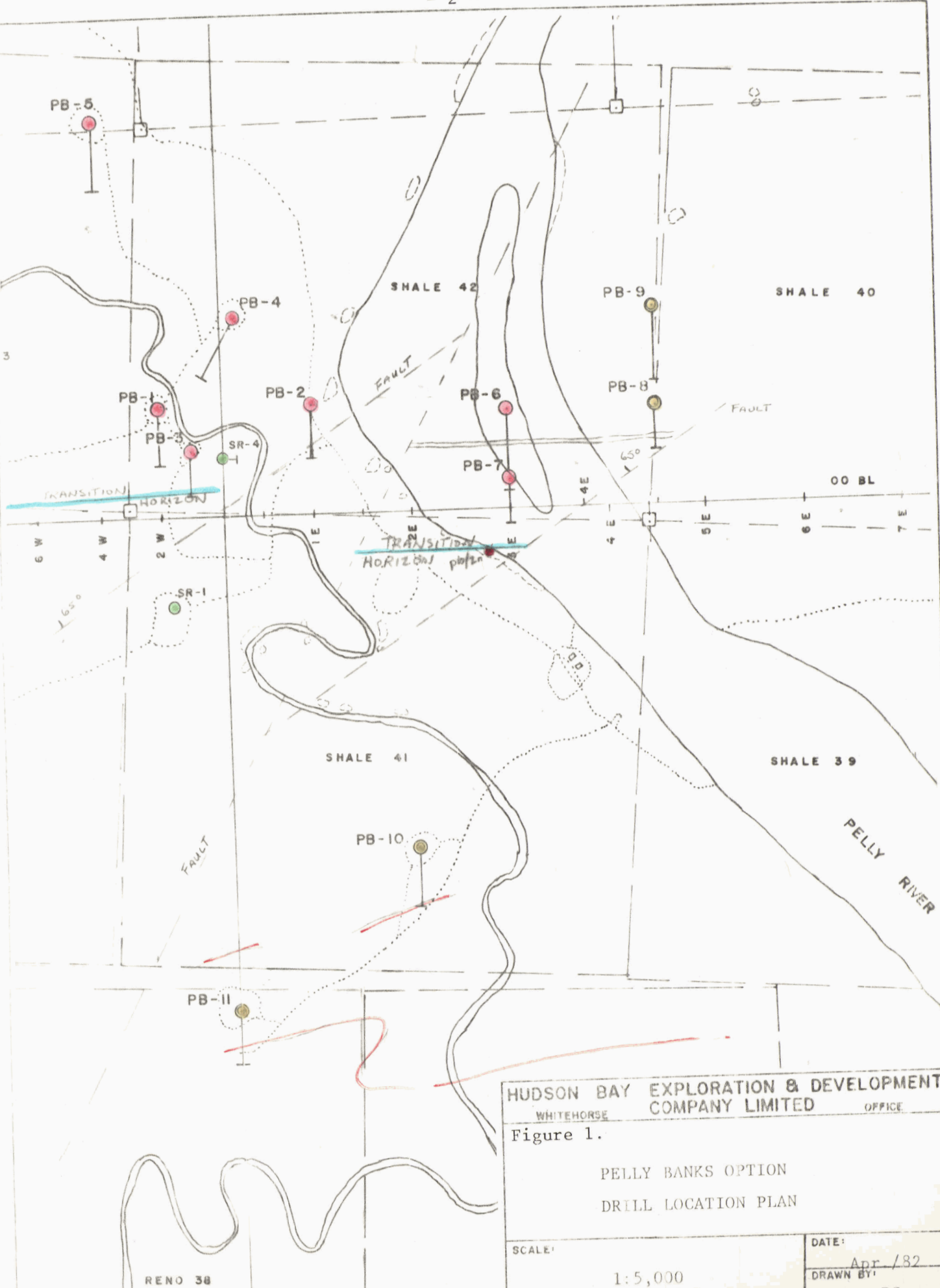
2. LOCATION AND ACCESS:

Figure 2: Pelly Banks Option Location Map.

The Shale-Reno-Fred-Big Claim groups are located approximately 70 milometers ESE of Ross River. The area is approximately 225 kilometers NE of Whitehorse.

The Robert Campbell highway traverses the SE portion of the group and a cat road from the highway commencing from the west bank of Big Campbell Creek gives access to the central portion of the property.

The Pelly River divides the property but, is navigable by small boats in summer and freezes over during the winter months. Four wheel drive vehicles have access to all areas where cat roads have been put in especially in the winter months.



HUDSON BAY EXPLORATION & DEVELOPMENT
 WHITEHORSE COMPANY LIMITED OFFICE

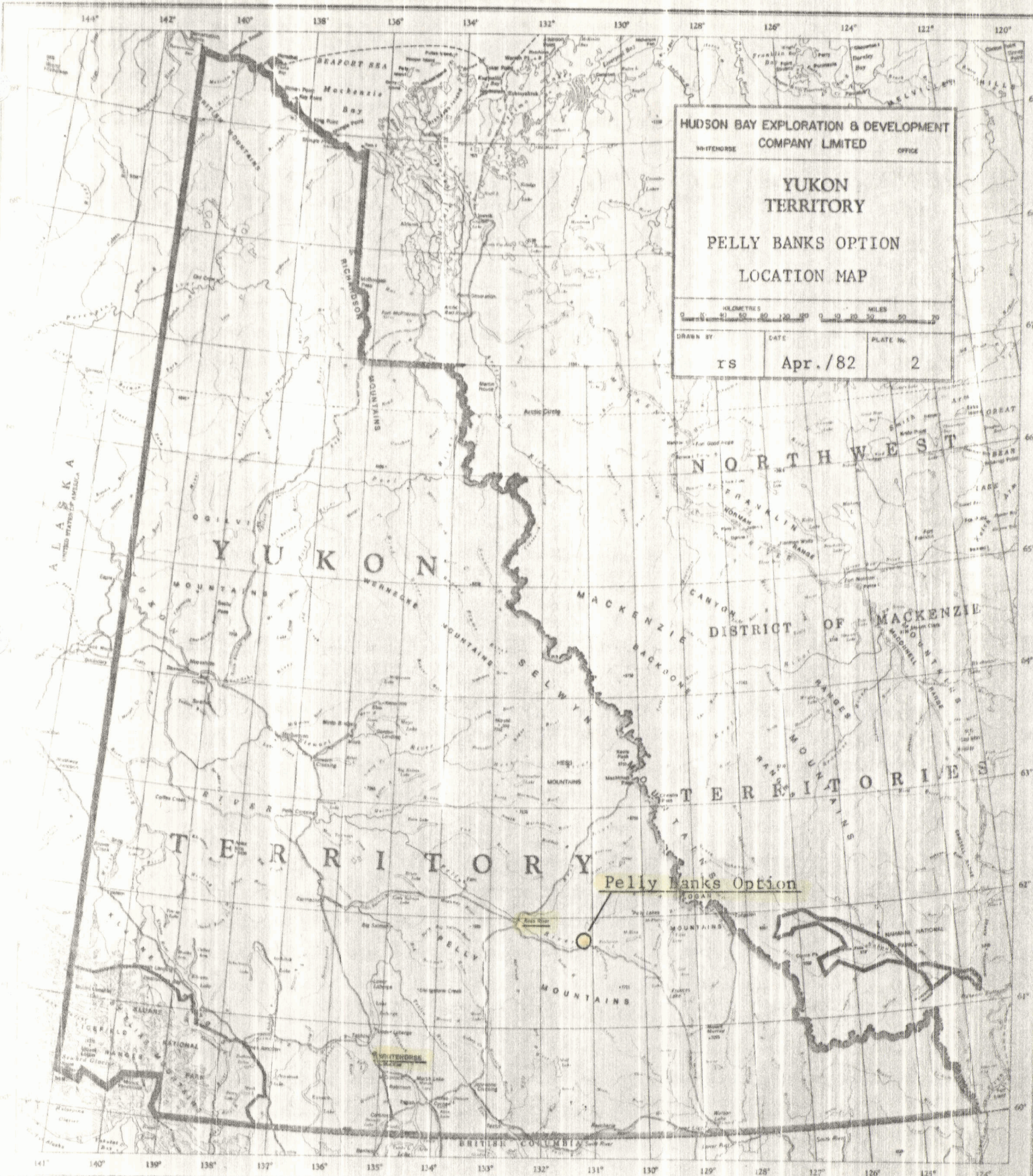
Figure 1.

PELLY BANKS OPTION
 DRILL LOCATION PLAN

SCALE:
 1:5,000

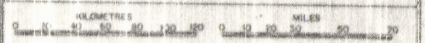
DATE:
 Apr / 82
 DRAWN BY:
 RS

RENO 38



HUDSON BAY EXPLORATION & DEVELOPMENT
COMPANY LIMITED OFFICE

YUKON
TERRITORY
PELLY BANKS OPTION
LOCATION MAP



DRAWN BY	DATE	PLATE NO.
rs	Apr. /82	2

Pelly Banks Option

3. CLAIM OWNERSHIP:

The Shale-Reno-Fred-Big Claim groups consist of 191 claims owned by Hudson Bay Exploration and Development Company Limited under an option to purchase agreement with the Pelly Banks Syndicate.

The claim groups located in the Watson Lake Mining District on claim sheets 105 G 11 & 14.

The claims are outlined in Figure 3.

The following are the claims included in the agreement:

SHALE	1-32	YA 12317 - YA 12348
	33-40	YA 12238 - YA 12245
	41-48	YA 12349 - YA 12356
	49-51	YA 12576 - YA 12578
	53-64	YA 12580 - YA 12591
	65-70	YA 12720 - YA 12725
	71-82	YA 26393 - YA 26404
	83-84	YA 26799 - YA 26800
FRED	1-4	YA 27405 - YA 26408
RENO	1-42	YA 26449 - YA 26490
	43-44	YA 26925 - YA 26926
	45-62	YA 28253 - YA 28270
	63-66	YA 28620 - YA 28623
BIG	1	YA 54781
	3-16	YA 54783 - YA 54796
	18-32	YA 54798 - YA 54812
	33 - 40	YA 55491 - YA 55498

TOTAL 191 Claims

4. 1982 DIAMOND DRILLING PROGRAM:

The drill hole locations and local geology are indicated on Figure 1.

The drilling results including descriptive logs, cross sections and assay results are presented in Appendices I, II, and III respectively.

The actual drilling program was completed between March 8-21, 1982. The drill and equipment was mobilized to the property beginning February 9, but extreme cold weather caused the delay in commencement. The drill and equipment and cat were not demobilized from the property until April 13, 1982 due to other work commitments.

The total program included 454.9 meters of diamond drilling in four drill holes PB 8, 9, 10 and 11.

The core was generally poor in the upper sections of the graphitic phyllite unit but coring in the chloritic phyllite was generally good. NQ coring equipment was used and it was necessary to reduce to BQ at 75.5 meters in PB-11.

All drill core is stored on the property. The core racks are located at the camp site on the west bank of the Pelly River. The campsite is on the Shale 41 claim.

5. CONCLUSIONS AND RECOMMENDATIONS:

The results of the exploration programs of the past two seasons indicate that the probable source of the large mineralized float boulder has been located. Furthermore it is unlikely that the source area is capable of hosting an economic concentration of base metal sulphides. At sometime a test hole along line 2E/0+50S may be desirable to confirm this conclusion.

The results also suggest that there is a favourable geologic horizon where mineralizing events have occurred. Furthermore that this horizon is recognizable in drill core and can be traced on surface using EM techniques.

The tracing of the favourable horizon should be carried out over the complete area of the property. Following this a method of testing the horizon to help in the selection of drill targets is necessary. Overburden testing and sampling is the most obvious approach. There may also be other geophysical techniques which may prove helpful; possibly gravity or pulse EM surveys.

It is proposed to continue to explore the property using EM prospecting to locate the favourable horizon and to follow up by trying to develop overburden testing methods.



R. Stroschein,
Sr. Exploration Geologist.

APPENDIX I

PELLE BANKS OPTION

DIAMOND DRILL LOGS

DDH PB 8-11

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Core: SHALE 40

Location: Pelly Banks

Mining Division: Watson Lake

Core Nº: PB-8

Angle: -60°

Direction: South

Depth: 94.2 m

Grid Nº:

Co-Ordinates: 5 + 00E
1 + 00N

Date Started: March 8, 1982

Finished: March 10, 1982

Logged By: D. Crowe

Drilled By: E. Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE
From	To	
0.0	15.5	Overburden
15.5	20.0	Calcareous Sandstone Fine-grained granulose texture, frequent jet black carbonaceous streaks. Weak HCl effervescence - effervescence in groundmass. No quartz - calcite bands as per PB 81-6
20.0	48.7	Graphitic Phyllite 20.0 - 43.6 : Poor recovery, massive black, strongly carbonaceous 43.6 - 48.7: Siliceous, mid-grey with fine quartz laminations Core Angle: @ 43.3 m - 75°
48.0	48.8	Major Fault: Strongly sheared, minor pebble gouge, some clay alteration in footwall chloritic phyllite Core Angle: 65°
48.7	53.0	Chloritic Phyllite Massive - highly foliated chlorite and lesser quartz sericite micaceous components; mid to dark drab pastel green appearance. Finely quartz laminated @ .5-3 mm per 1-3mm. 51.0 - 51.6 - Moderate sericite alteration
53.0	53.05	Yellow Tuff - Yellowish green, grainy textured with feldspar crystals and grey quartz. Grey quartz bands of 1 cm width common
53.05	94.2	Chloritic Phyllite - As above 51.0-51.4, 65.0-65.5, 89.9-90.7 - Moderate sericite in groundmass 58.5-59.5, 62.0-63.4 - strongly carbonaceous as graphitic bands and groundmass 65.0-65.5-strong shearing @ 43° CA 84.5-84.7-Pebble fault gouge Core Angles: 65° @ 58.5, 88° @ 61.8, 79° @ 69.0, 82° @ 74.4, 68° @ 78.3, 55° @ 94.0.
		<u>Core Recovery</u>
0.0	15.5	Casing
15.5	16.5	.6
16.5	17.3	.7

DEPTH

DESCRIPTION OF CORE

Page 2 of 2

From	To	
17.3	22.3	.2
22.3	25.6	.2
25.6	34.4	1.1
34.4	36.3	.1
36.3	41.8	1.1
41.8	43.9	1.1
43.9	45.1	.8
45.1	47.2	.7
47.2	48.8	1.4
48.8	50.3	1.3
50.3	52.4	2.1
52.4	55.5	3.0
55.5	58.5	3.0
58.5	61.9	3.4
61.9	64.6	2.7
64.6	67.6	3.0
67.6	70.7	3.0
70.7	73.7	3.0
73.7	76.8	3.0
76.8	80.2	3.4
80.2	82.3	1.7
82.3	85.3	2.6
85.3	87.5	1.7
87.5	90.5	2.6
90.5	93.6	.5
93.6	94.2	.4

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Core SHALE 42

Location PELLY BANKS

Mining Division WATSON LAKE

Hole No PB-9

Angle -60°

Direction South

Depth 151.2 m

Grid No

Co-Ordinates 4 + 50E

2 + 00N

Date Started March 11, 1982

Finished March 14, 1982

Logged By: D. Crowe

Drilled By E. Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE	Page 1 of 2
From	To		
0.0	21.5	Overburden	
21.5	70.6	Graphitic Phyllite: Dark grey-black; strongly carbonaceous, massive to fine (1-5 mm) siliceous laminated. Occasional 1 cm quartz bands with 0.5 - 1.0 cm coarse clots pyrite 35.00-35.03 - Pebble gouge 64.00-64.03 - Clay gouge Core Angles: 75° @ 36.0m, 73° @ 53.0 m.	
70.7	75.3	Calcareous Sandstone: Light green-grey fine grained, uniform sandy textured. Powders easily on scratch and is weakly calcareous	
75.3	122.7	Graphitic Phyllite: 75.3-103.8: Massive, black, strongly carbonaceous 103.8-122.7 - Distinctive sharp contact to siliceous graphitic phyllite. Mid to light grey, competent. Fine intricate 1-3 mm siliceous foliation bands along S1. Scattered coarse pyrite cubes and aggregates Core Angles: 85° @ 103.7, 87° @ 109.2, 82° @ 113.4, 81° @ 122.7	
122.7	150.6	Chloritic Phyllite: Light grey green. Siliceous banded and weak to moderate quartz sericite alteration to 130m. Well foliated to massive. Minor 2 cm clay shears @ 123.2, 125.0, 125.5, 128.0, 130.5, 134.0 m Quartz sericite alteration: weak @ 123.8 - 124.2 m mild @ 127.3 - 127.7 m weak @ 127.7 - 130.2 m strong @ 131.9 - 132.0 m 134.6 - 134.8 - Yellow tuff band 140.2 - 145.6 - Carbonaceous chloritic phyllite. Weakly foliated Gradational contacts Pyrite occurs as blebs and clots over 138.0 - 143.0 149.4 Fault zone .2m gouge .1m quartz vein; 2 m broken core H.W. .2m strong quartz sericite alteration F.W. Core Angle: 75° @ 132.0 m, 86° @ 133.7, 77° @ 141.0 m	
	150.6	END OF HOLE	

DEPTH

DESCRIPTION OF CORE

From	To
0.0	21.3
21.3	22.3
22.3	22.9
22.9	31.7
31.7	34.1
34.1	35.4
35.4	38.4
38.4	40.2
40.2	43.3
43.3	44.5
44.5	47.5
47.5	50.6
50.6	53.6
53.6	55.8
55.8	57.9
57.9	61.0
61.0	64.6
64.6	65.8
65.8	70.7
70.7	73.2
73.2	75.3
75.3	76.8
76.8	89.3
89.3	92.4
92.4	98.5
98.5	99.7
99.7	102.1
102.1	103.0
103.0	105.8
105.8	107.3
107.3	110.3
110.3	111.9
111.9	113.1
113.1	114.9
114.9	118.0
118.0	121.0
121.0	124.1
124.1	127.1
127.1	128.3
128.3	131.4
131.4	134.4
134.4	137.5
137.5	140.5
140.5	143.9
143.9	145.4
145.4	147.5
147.5	149.4
149.4	150.6

CORE RECOVERY:

Casing
.2
0
1.0
.4
.9
.7
.9
.5
1.0
.9
1.2
.4
1.2
.6
1.2
.5
0
.9
.7
.8
.4
2.1
1.2
.4
.4
.2
.5
2.7
1.5
3.0
1.0
.8
1.3
2.4
2.9
2.7
3.0
.8
2.8
2.9
3.1
2.8
2.8
.5
1.0
.7
.3

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim: SHALE 41

Location: Pelly Banks

Mining Division: Watson Lake

Core Nº: PB-10

Angle: -55°

Direction: South

Core Length: 104.5 m.

Grid Nº:

Co-Ordinates: Line 2+00mE
3+40mS

Date Started: March 16, 1982

Finished

March 18, 1982

Logged By: D. Crowe

Drilled By: E. Caron Diamond Drilling

DEPTH		DESCRIPTION OF CORE	Page 1 of 2
From	To		
0.0	15.2	Casing: Overburden and weathered bedrock material	
15.2	55.2	Chloritic Phyllite: pale pastel green to light grey green, light and dark banded quartz and/or quartz sericite with chlorite. Bands of 1 to 5 mm. Weakly foliated to finely laminated Shear gouge @ 16.4, 27.0m, 44.1m, 49.7m Mild quartz-sericite alteration: 21.8-24.0m, 27.5-28.3m, 33.9-34.8m 23.7 - 26.0 m tuffaceous gritty band. Very fine grained, mud grey green homogeneous Core Angles: 77° @ 20m, 57° @ 34m, 60° @ 40m, 60° @ 51m, 80° @ 55.5m at gradational lower contact	
55.2	81.1	Graphitic phyllite: Very black fine grained generally massive, poor core recover. Upper contact is gradational with increasing graphite over 1 meter. Pyrite as cubes and clots common throughout. 60.2 - 60.9 - homogeneous grey green band (Tuffaceous?) Silicious banding @ 56.2m, 65.1m, 68.7m 73.5 - 75.5 - strong quartz laminae and banded pyrite 76.2 - 77.5 - light grey green tuffaceous uniform fine grained. Particle textured with carbonaceous "salt & pepper" 78.2 - 80.0 - banded quartz and pyrite up to 15% as dense cubic clusters in quartz Core Angles 70° @ 69m, 58° @ 79m, 65° @ 81m.	
81.1	87.5	Chert/Acidic Tuff: Massive, fine grained, light grey. Fine sericitic laminae. Frequent fine grained pyrite laminae paralleling	
87.5	95.8	Feldspar Porphyry: Greenstone (tuff) mottled grey green matrix. Crowded sub angular feldspar (1-2mm) in homogeneous equigranular. Hydromorphic appearance. Banded quartz pyrite @ 87.2 m. Pyrite as cubic aggregates .2-.3m shear gouges @ 88.1, 92.0, 94.8, 95.5 93.5-95.8 - carbonaceous. (Lithic Tuff) gradational from upper to lower contact Core Angles 74° @ 94.5m	
95.8	102.0	Graphitic Phyllite: Black, massive fine grained with fine silicious laminations. Generally poor core recovery.	

DEPTH

DESCRIPTION OF CORE

Page 2 of 2

From

To

102.0

104.5

Felspar Porphyry: Greenstone fine grained mottled grey green as previous.

102.0-102.4 - banded greenish tan quartz sericite with black graphite slips. Scattered clots of 3-4 mm pyrite

104.5

END OF HOLE

Core Recovery:

0.0

15.2

Casing

15.2

17.4

1.5

17.4

19.2

.7

19.2

21.6

2.3

21.6

22.6

.1

22.6

24.1

1.1

24.1

27.4

2.9

27.4

29.3

.7

29.3

30.5

.3

30.5

31.7

.8

31.7

34.7

3.0

34.7

37.2

1.7

37.2

38.7

2.0

38.7

41.8

2.7

41.8

44.8

2.7

44.8

47.5

2.5

47.5

49.1

1.2

49.1

50.9

1.2

50.9

53.9

2.1

53.9

57.6

2.4

57.6

60.0

.4

60.0

63.7

.5

63.7

68.3

.5

68.3

71.6

2.0

71.6

73.2

.5

73.2

75.3

1.4

75.3

76.2

.2

76.2

77.4

.8

77.4

78.9

1.4

78.9

80.2

.8

80.2

81.1

.6

81.1

84.1

2.2

84.1

85.6

1.3

85.6

87.4

1.2

87.4

89.0

1.3

89.0

89.6

.3

89.6

92.7

2.7

92.7

93.6

.7

93.6

94.5

.8

94.5

97.2

1.8

97.2

98.5

.5

98.5

99.7

.7

99.7

101.5

.7

101.5

104.5

2.7

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim RENO 38

Location PELLY BANKS

Mining Division WATSON LAKE

Hole No PB-11

Angle -60°

Direction: South

Depth 105.2 m. Grid No

Co-Ordinates: Line 0 +00

Date Started: March 18, 1982 Finished: March 20, 1982

5 +00S

Logged By: D. Crowe

Drilled By E. Caron Diamond Drilling

Core reduced to BQ at 73.2 m

DEPTH		DESCRIPTION OF CORE	Page 1 of 2
From	To		
0.0	15.2	Casing: overburden and weathered bedrock	
15.2	91.7	Graphitic Phyllite: Jet black, massive, strongly carbonaceous with contrasting 1 mm white quartz laminations; often 1/0.5 cm. Poor recovery. Scattered to frequent pyrite as coarse cubes or finer blebs in quartz laminae Alteration/Mineralization: 83.3 - 83.33: near massive coarse pyrite aggregate in 3 cm bands 83.33- 86.00: Poor recovery, but high percentage quartz in veins & xenolithic breccia 34.97- 35.03: 6 cm remnant core of near massive pyrite (60%) in quartz Faults: 30.7-31.7: Gouge 36.0-36.15:Gouge 87.8-88.2: Chloritic Phyllite: Massive, light pastel green, scattered 2-3 mm cubic pyrite 90.3 -90.5: Altered Chloritic Phyllite: Tan green; moderate to strong sericitic coarse quartz lamination, disseminated 1-3 mm cubic pyrite and specks galena	
91.7	105.2	Chloritic Phyllite: As above and also banded in typical C.P. texture with 2-5mm width lighter and darker (chloritic) laminations. Occasional coarse pyrite. Moderate to weak foliation pyrite. Frequent coarse (bull) laminae and vein quartz. Alteration/Mineralization: 95.4-95.0 - Several 5 cm quartz laminations 99.2-99.25- 5 cm quartz and strong sericite 101.1-101.3-13 cm quartz enveloped with H/W sericite 101.6-101.8-quartz laminations Faults- 104.2-102.2-Core broken coarse 5-10 cm bull quartz remnant; 2 cm wide pebble gouge @ F/W subparallel core axis. Core Angles: 29.2m - 72°, 41.0m - 65°, 42.8m - 76°, 48.6m - 59°, 66.5m - 73°, 94.4m - 67°, 99.0m - 77°, 101.3m - 74°.	

DEPTH

DESCRIPTION OF CORE

Page 2 of 2

From	To
0.0	15.2
15.2	17.4
17.4	18.3
18.3	20.1
20.1	21.3
21.3	23.5
23.5	25.0
25.0	26.5
26.5	29.6
29.6	32.3
32.3	35.4
35.4	36.3
36.3	38.7
38.7	39.9
39.9	41.8
41.8	43.0
43.0	44.8
44.8	47.5
47.5	50.6
50.6	51.8
51.8	53.0
53.0	55.8
55.8	57.6
57.6	60.0
60.0	62.8
62.8	64.9
64.9	67.4
67.4	69.2
69.2	71.6
71.6	72.2
72.2	73.8
73.8	73.6
74.6	77.7
77.7	79.2
79.2	80.5
80.5	81.7
81.7	83.8
83.8	86.9
86.9	88.7
88.7	90.5
90.5	91.7
91.7	94.2
94.2	96.0
96.0	97.2
97.2	98.5
98.5	99.7
99.7	102.1
102.1	103.9
103.9	105.2

CORE RECOVERY:

Casing

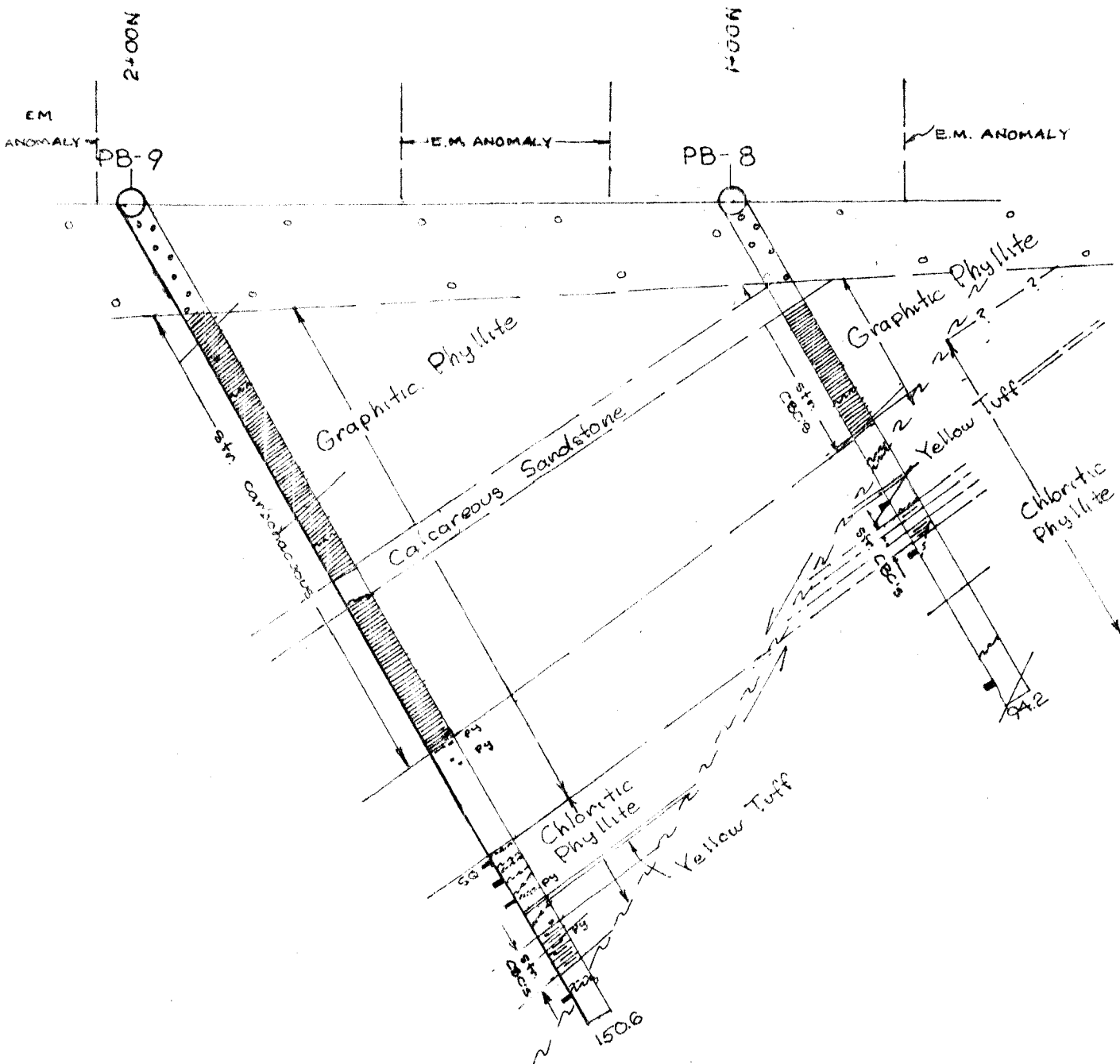
.2
.3
.1
.2
.2
.7
.7
1.3
1.2
.4
.3
.7
.9
.6
.7
.5
.8
.8
.5
.7
1.6
1.3
.6
1.4
1.7
1.2
.9
1.1
.2
.3
.5
.6
.3
.5
1.2
1.2
1.6
1.7
1.2
.6
1.1
1.8
1.2
1.0

APPENDIX II

PELLEY BANKS OPTION

DRILL HOLE CROSS SECTION

DDH PB 8-11



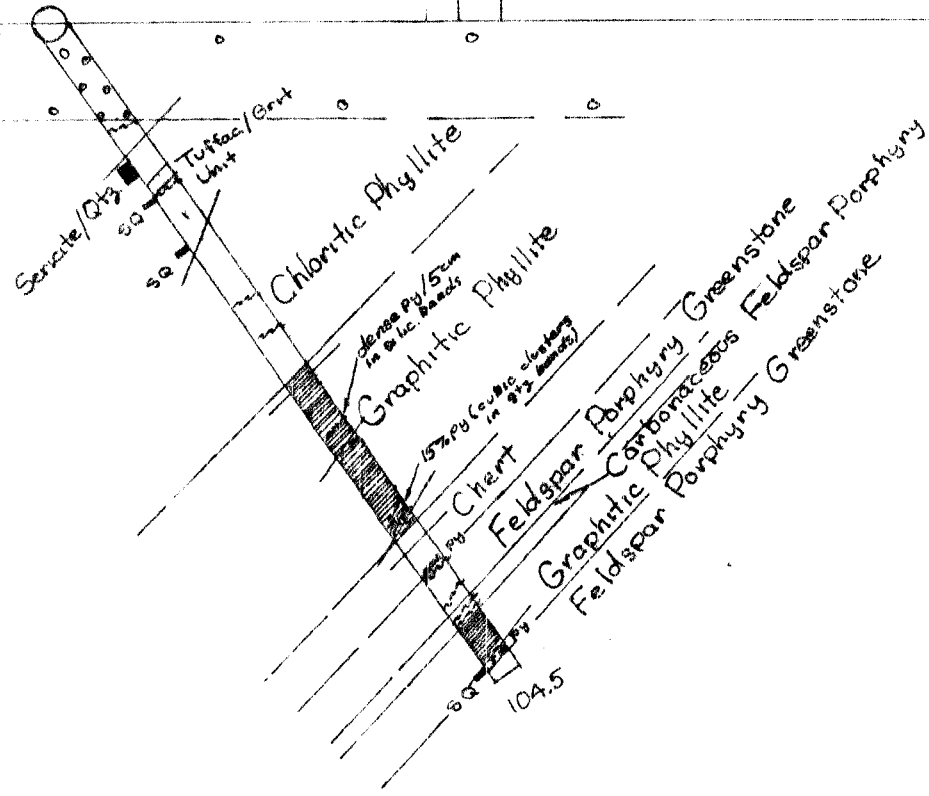
HUDSON BAY EXPLORATION & DEVELOPMENT WHITEHORSE COMPANY LIMITED OFFICE	
PELLY BANKS OPTION SECTION 4+50 E Looking East	
SCALE: 1 : 1,000	DATE: apr./82 DRAWN BY: DBC

57005

4+005

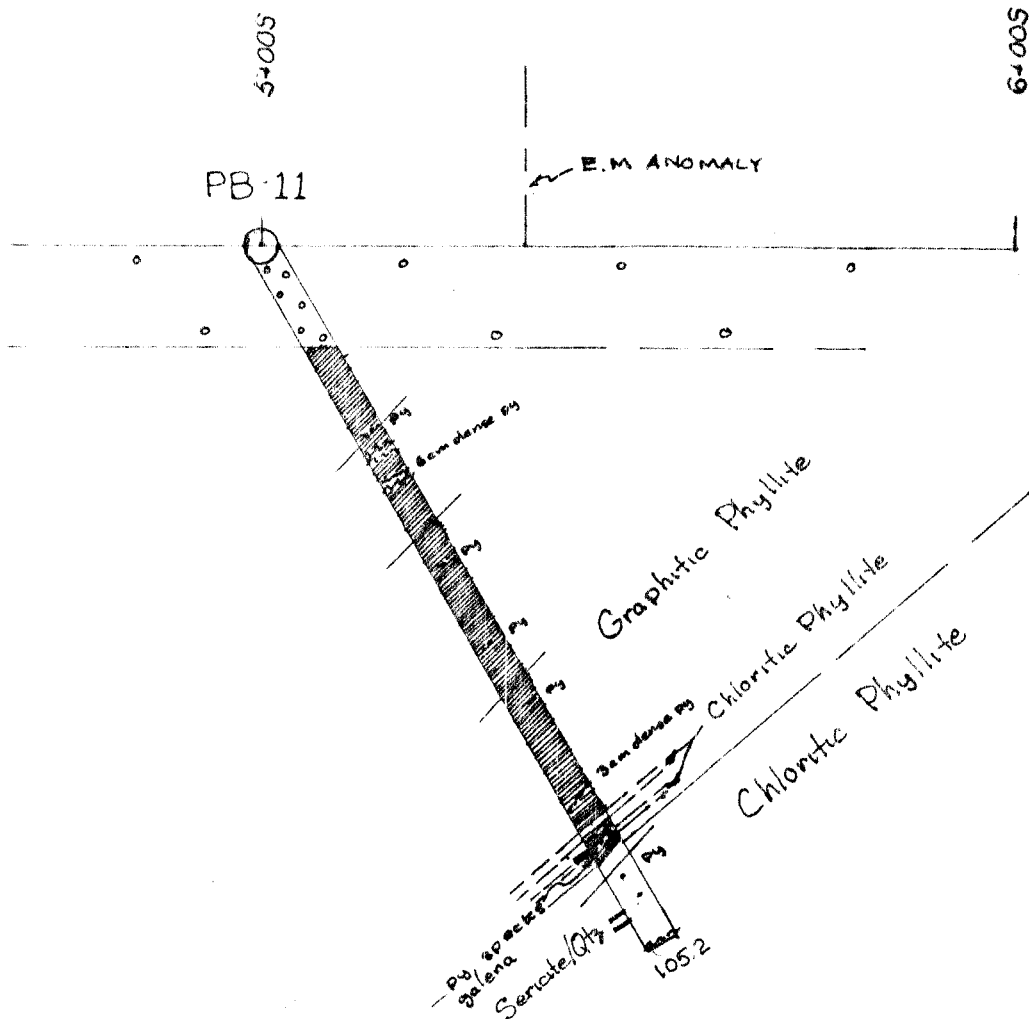
PB-10

EM. ANOMALY



HUDSON BAY EXPLORATION & DEVELOPMENT WHITEHORSE COMPANY LIMITED OFFICE	
PELLY BANKS OPTION SECTION 2+00 E Looking East	
SCALE: 1 ; 1,000	DATE: Apr. / 82 DRAWN BY: DBC

N



HUDSON BAY EXPLORATION & DEVELOPMENT	
WHITEHORSE	COMPANY LIMITED
OFFICE	
PELLY BANKS OPTION	
SECTION 0+00	
Looking East	
SCALE:	DATE:
1 ; 1,000	Apr./82
	DRAWN BY:
	DBC

APPENDIX III

PELLEYS BANKS OPTION

DIAMOND DRILL RECORDS

ASSAY RESULTS

DDH PB 8-11

DIAMOND DRILL RECORD

Date March 20, 19 82
 Mine Pelly Banks Option Depth 151.2 m
 Hole No. PB-9 Co-ord. 2 + 00N Section Lin 4+50E
 Sheet No. 1 of 2 Direction South
 Level SHALE 42 Elevation _____ Angle 60°

DEPTH (m)	NUMBER	WIDTH	Geochemical		ASSAY		ppm		WIDTH
			AU	AG	CU	ZN	PB		
0.0- 21.5	casing	21.5							
21.5- 22.9	Waste	1.4							
22.9- 34.1	72401	11.2		0.3	84	1250	48		
34.1- 38.4	Waste	4.3							
38.4- 40.2	72402	1.8		0.7	180	135	16		
40.2- 43.3	Waste	3.1							
43.3- 44.5	72403	1.2		0.8	145	160	36		
44.5- 47.5	Waste	3.0							
47.5- 50.6	72404	3.1		0.6	78	340	14		
50.6- 53.6	Waste	3.0							
53.6- 55.0	72405	1.4		0.5	34	50	12		
55.0- 62.8	Waste	7.8							
62.8- 70.8	72406	8.0		0.2	44	50	6		
70.8- 71.3	72407	.5		0.2	360	110	4		
71.3- 89.3	Waste	18.0							
89.3- 92.4	72408	3.1		0.1	46	90	16		
92.4-103.0	Waste	10.6							
103.0-105.0	72409	2.0		0.2	36	90	20		
105.0-107.0	Waste	2.0							
107.0-109.0	72410	2.0		0.1	40	165	20		
109.0-111.0	Waste	2.0							
111.0-113.0	72411	2.0		0.3	80	80	10		
113.0-115.0	Waste	2.0							
115.0-117.0	72412	2.0		0.4	44	90	8		
117.0-119.0	Waste	2.0							
119.0-121.0	72413	2.0		0.9	40	30	140		
121.0-122.7	Waste	1.7							
122.7-124.7	72414	2.0		0.5	196	20	8		
124.7-127.0	Waste	2.3							
127.0-129.0	72415	2.0		0.1	60	80	4		
129.0-131.0	Waste	2.0							
131.0- 133.0	72416	2.0		0.3	78	90	12		
133.0- 135.0	Waste	2.0							

DIAMOND DRILL RECORD

Date 19.....

Mine Depth

Hole No. PB-9 Co-ord. SectionSheet No. 2 of 2 Direction

Level Elevation Angle

DEPTH (m)	NUMBER	WIDTH	Geochemical		ASSAY ppm			WIDTH X
			AU	AG	CU	ZN	PB	
135.0-137.0	72417	2.0		0.2	60	90	4	
137.0-139.0	Waste	2.0						
139.0-141.0	72418	2.0		0.2	72	110	10	
141.0-143.0	Waste	2.0						
143.0-145.0	72419	2.0		0.1	32	80	4	
145.0-147.0	Waste	2.0						
147.0-149.0	72420	2.0		0.1	46	115	4	
149.0-151.2	Waste	2.2						
END OF HOLE								

DIAMOND DRILL RECORD

Date March 24 1982
 Mine Pelly Banks Option Depth 104.5 m
 Hole No. PB-10 Co-ord. 3 + 40S Section Lin 2 + 00E
 Sheet No. 1 of 2 Direction south
 Cover Shale 41 Elevation _____ Angle -55°

DEPTH (m)	NUMBER	WIDTH	Geochemical Assay ppm					WIDTH X
			AU	AG	CU	ZN	PB	
0.0-15.2	Casing	15.2						
15.2-18.0	Waste	2.8						
18.0-20.0	72435	2.0		0.1	36	90	36	
20.0-22.0	Waste	2.0						
22.0-24.0	72437	2.0		0.1	10	110	8	
24.0-26.0	Waste	2.0						
26.0-28.0	72438	2.0		0.2	40	150	20	
28.0-30.0	Waste	2.0						
30.0-32.0	72439	2.0		0.1	64	90	6	
32.0-34.0	Waste	2.0						
34.0-36.0	72440	2.0		0.1	30	100	3	
36.0-38.0	Waste	2.0						
38.0-40.0	72441	2.0		0.1	34	100	4	
40.0-42.0	Waste	2.0						
42.0-44.0	72442	2.0		0.1	12	100	2	
44.0-46.0	Waste	2.0						
46.0-48.0	72443	2.0		0.1	32	95	4	
48.0-50.0	Waste	2.0						
50.0-52.0	72444	2.0		0.3	32	85	4	
52.0-54.0	Waste	2.0						
54.0-56.0	72445	2.0		0.4	30	75	3	
56.0-68.0	Waste	12.0						
68.0-70.0	72446	2.0		1.2	405	70	14	
70.0-72.0	Waste	2.0						
72.0-74.0	72447	2.0		1.0	425	100	16	
74.0-76.0	Waste	2.0						
76.0-77.0	72449	1.0		0.8	500	100	24	
77.0-78.0	Waste	1.0						
78.0-80.0	72450	2.0		0.9	560	40	28	
80.0-82.0	Waste	2.0						
82.0-84.0	72451	2.0		0.1	86	10	4	
84.0-88.0	Waste	4.0						
88.0-90.0	72452	2.0		0.3	105	50	4	

DIAMOND DRILL RECORD

Date 19.....

Mine Depth

Hole No. PB-10 Co-ord. Section

Sheet No. 2 of 2 Direction

Level Elevation Angle

DEPTH (m)	NUMBER	WIDTH	geochemical ASSAY				ppm	WIDTH
			AU	AG	CU	ZN		
90.0-92.0	Waste	2.0						
92.0-94.0	72453	2.0		0.2	72	45	4	
94.0-96.0	Waste	2.0						
96.0-98.0	72454	2.0		0.2	20	20	4	
98.0-100.0	Waste	2.0						
100.0-102.0	72455	2.0		0.3	20	15	4	
102.0-104.5	Waste	2.5						
END OF HOLE								

DIAMOND DRILL RECORD

Date March 24, 1982
 Mine PELLEY BANKS OPTION Depth 105.2 m
 Hole No. PB-11 Co-ord. 5+00S Section Lin 0+00
 Sheet No. 1 of 2 Direction South
 Level RENO 38 Elevation _____ Angle -60°

DEPTH (m)	NUMBER	WIDTH	Geochemical		ASSAY ppm			WIDTH X ASSAY
			AU	AG	CU	ZN	PB	
0.0-15.2	Casing	15.2						
15.2-25.0	Waste	9.8						
25.0-26.5	72456	1.5		0.1	22	70	4	
26.5-36.3	Waste	9.8						
36.3-38.7	72457	2.4		0.6	80	40	24	
38.7-41.0	Waste	2.3						
41.0-43.0	72458	2.0		0.7	30	20	60	
43.0-45.0	Waste	2.0						
45.0-47.0	72459	2.0		0.7	36	30	16	
47.0-49.0	Waste	2.0						
49.0-51.8	72460	2.8		0.8	36	5	24	
51.8-53.0	Waste	1.2						
53.6-56.0	76461	3.0		0.8	44	25	14	
56.0-57.6	Waste	1.6						
57.6-60.0	76462	2.4		1.2	135	40	62	
60.0-63.0	Waste	3.0						
63.0-65.0	76463	2.0		0.7	42	150	18	
65.0-67.4	Waste	2.4						
67.4-69.2	76464	1.8		2.6	60	50	16	
69.2-74.7	Waste	5.5						
74.7-77.7	76465	3.0		0.2	32	100	12	
77.7-80.0	Waste	2.3						
80.0-82.0	76466	2.0		0.2	12	20	8	
82.0-83.8	Waste	1.8						
83.8-86.9	76467	3.1		0.1	14	20	8	
86.9-88.3	Waste	1.4						
88.3-90.1	76468	1.8		0.3	44	90	16	
90.1-90.5	76469	0.4		2.4	38	30	1370	
90.5-91.7	Waste	1.2						
91.7-94.2	76470	2.5		0.3	46	85	26	
94.2-96.0	Waste	1.8						
96.0-98.0	76471	2.0		0.2	28	100	8	
98.0-100.0	Waste	2.0						

DIAMOND DRILL RECORD

Date 19.....

Mine Depth

Hole No. PB-11 Co-ord. Section

Sheet No. 2 of 2 Direction

Level Elevation Angle

DEPTH (m)	NUMBER	WIDTH	Geochemical		ASSAY ppm			WIDTH
			AU	AG	CU	ZN	PB	
100.0-102.0	72472	2.0		0.3	24	100	4	
102.0-104.0	Waste	2.0						
104.0-105.2	72473	1.2						

END OF HOLE

APPENDIX IV

ROBERT W. STROSHEIN

ADDRESS 181 Alsek,
 Whitehorse, Yukon Territory.
 Y1A 4L8

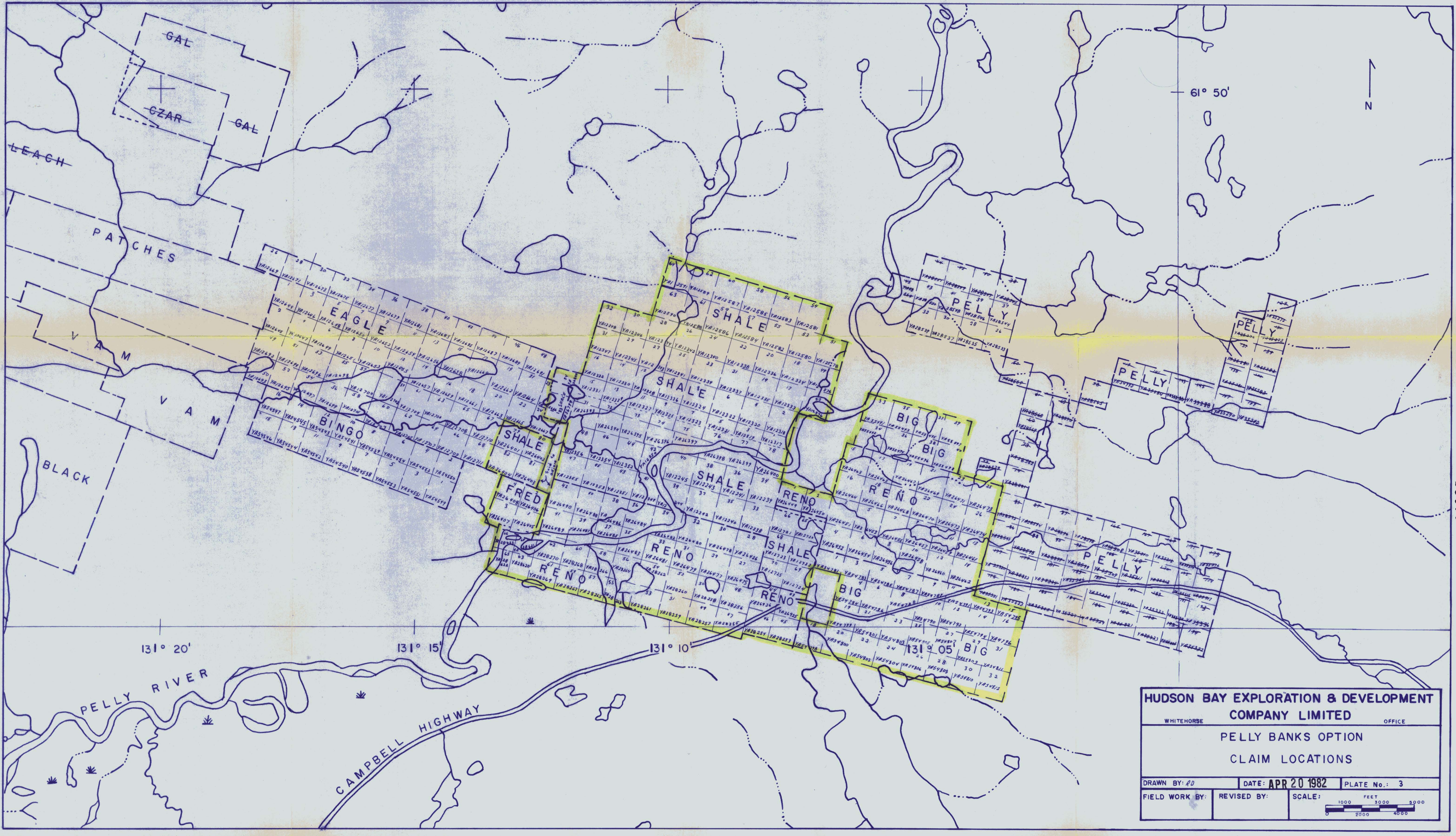
EDUCATION: B. Sc. (Geological Engineering) from
 University of Saskatchewan
 Graduated in 1973

EMPLOYMENT: 1973 - 1982 Hudson Bay Exploration & Development Co. Ltd.

 Flin Flon Office 1973 - 1975
 Drill Geologist - field supervisor of diamond
 drill projects Northern Manitoba and Saskatchewan.

 Whitehorse Office
 Project Geologist 1975-1980 - field supervisor of
 geological mapping, geophysical, geochemical and
 prospecting programs in the Yukon Territory.
 Included report preparation and assessment.

Senior Exploration Geologist - 1981 - planning,
 monitoring and assessing exploration projects
 conducted in the Yukon Territory.



HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED		
WHITEHORSE		OFFICE
PELLY BANKS OPTION		
CLAIM LOCATIONS		
DRAWN BY: RD	DATE: APR 20 1982	PLATE No.: 3
FIELD WORK BY:	REVISED BY:	SCALE: