

DIAMOND DRILLING



31E12SW9787 11 MCKELLAR

010

TOWNSHIP: McKellar

REPORT No.: 11

WORK PERFORMED BY: Pominex Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
EO 471413	PM 80 - 1	11.0	Sept/80	(1) (2)
	PM 80 - 1A	55.0	Sept/80	(1) (2)
	PM 80 - 2	121.0	Sept/80	(1) (2)
	PM 80 - 3	71.0	Sept/80	(1) (2)
	PM 80 - 4	202.0	Sept/80	(1) (2)
	PM 80 - 5	202.0	Sept/80	(1) (2)
	PM 80 - 6	97.0	Sept/80	(1) (2)

NOTES: (1) #27 - 81
(2) OMEP Submittal: OM2-PE2-C-80

DIAMOND DRILL RECORD

NAME OF PROPERTY POMINEX - MCKELLAR
 HOLE NO. PL80-1 ABANDONED LENGTH 3.43 METERS
 LOCATION N.E. CORNER OF GRID PATERN
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP 90°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. PM 80-1 SHEET NO. 1

REMARKS _____

LOGGED BY _____

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	oz/TON	oz/TON	
					FROM	TO	TOTAL				
0	0.610	Casing									
0.610	1.53	Coarse Crystalline Limestone minor small flecks of graphite.									
1.53	2.90	Dark gneiss									
2.90	3.43 meter	As above									
		HOLE WAS ABANDONED									

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DIAMOND DRILL RECORD

NAME OF PROPERTY POMINEX MC KELLAR
 HOLE NO. 1 LENGTH 16.90-m
 LOCATION 50' SOUTH AND 35' EAST OF ABANDONED #1 HOLE
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP 90°
 STARTED SEPTEMBER 7 FINISHED SEPTEMBER 7

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO PM 80-1A SHEET NO. 1

REMARKS _____

LOGGED BY _____

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	1.32	Casing									
1.32	1.84	Crystalline Limestone 2% impurities minor flakes of graphite. Some light greenish material									
1.84	5.14	as above									
5.14	16.90	Dark gneisses with narrow bands of dirty limestone.									
		(PREVIOUS OLD D.D.H. - 1972 148' WEST OF OUR #1 HOLE) (AND 155 FT. SOUTH, NO CASING LEFT IN HOLE)									

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DIAMOND DRILL RECORD

NAME OF PROPERTY POMINEX MC KELLAR
 HOLE NO. PMK80-2 LENGTH 11 METERS
 LOCATION CENTRE OF N. GRID LINE
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP 90°
 STARTED SEPTEMBER 9 FINISHED SEPTEMBER 9

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. PMK 80-2 SHEET NO. 1
 REMARKS _____
 LOGGED BY _____

METERS		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	0.7	Casing								
0.7	1.1	Dark Gneiss Hornblend?								
1.1	2.5	Crystalline Limestone some minor fine flecks of graphite, a few greenish crystals								
2.5	5.9	As above								
5.9	7.1	Cave much broken crystalline limestone sands.								
7.1	8	Highly spotted area of gneiss and limestone, dirty.								
8	11	Very coarse clean crystalline Limestone with minor small blebs and flecks of graphite. CAVE IN HOLE BINDING RODS HOLE STOPPED DUE TO CAVE.								

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DIAMOND DRILL RECORD

NAME OF PROPERTY POMINEX MC KELLAR
 HOLE NO. PMK 80-3 LENGTH 21.6 METERS
 LOCATION HOLE MOVED 45' EAST OF WEST HOLE ON N GRID LINE
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP 90°
 STARTED SEPTEMBER 9th FINISHED SEPTEMBER 10th

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. PMK 80-3 SHEET NO. 1

REMARKS _____

LOGGED BY _____

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	2.4	Casing									
2.4	3.9	Mixture of Dark Gneiss with minor Limestone.									
3.9	5.4	Crystalline Limestone med, grained much fine graphite flecks other small greenish crystals 4% impurities									
5.4	6.2	Gneiss with minor limestone									
6.2	8.2	Course grained Crystalline Limestone minor spotting of fine flecks of graphite minor streaks of gneiss.									
8.2	8.8	Coarse grained crystalline limestone minor flecks of graphite minor greenish crystals.									
8.8	9.4	A mixture of gneiss and Limestone									
9.4	11.2	Coarse grained crystalline Limestone minor small flecks of graphite and small greenish crystals.									
11.2	12.1	As above									
12.1	12.3	Band of gneiss									
12.3	12.6	Narrow Bands of gneiss at 60° to core									
12.6	14.0	Highly speckled coarse crystalline limestone, dirty highly speckled with much graphite.									
14.0	14.2	Gneiss 60° to core									
14.2	17.8	Crystalline Limestone much graphite and Hornblend. Contact with gneiss 60° to core.									
17.8	21.6	Dark Hornblend Gneiss									
		END OF HOLE									

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LANGRIDGES - TORONTO - 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY POMINEX MC KELLAR
 HOLE NO. PMK80-4 LENGTH 38.7 METERS
 LOCATION COLLAR OF HOLE MOVED 55 FT. NORTH OF GRID LINE
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP 90°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. PMK 80-4 SHEET NO. 1 - 2

REMARKS _____

LOGGED BY _____

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	oz/TON	oz/TON	
					FROM	TO	TOTAL				
0	0.1	Gneiss									
0.1	1.3	Crystalline Limestone mixed with gneiss (dirty)									
1.3	1.8	Hornblende gneiss-60° to core									
1.8	2.7	Gneiss with mixture of Limestone.									
2.7	3.6	Dark Hornblende gneiss									
3.6	5.1	Mixed gneiss + limestone									
5.1	9.2	Coarse Crystalline Limestone with minor flecks of graphite minor greenish crystals.									
9.2	9.7	Hornblend gneiss									
9.7	11.2	Coarse Crystalline Limestone with strecks of gneiss throughout)									
11.2	12.8	Coarse Crystalline Limestone with splashes of gneiss									
12.8	12.9	Gneiss 60° to core									
12.9	13.7	Coarse crystalline Limestone with small blebs & flecks of graphite.									
13.7	14.5	Coarse Crystalline Limestone with flecks of graphite									
14.5	15.0	Mixed gneiss and limestone									
15.0	16.3	Coarse Crystalline Limestone minor graphite									
16.3	17.1	Bands of gneiss									
17.1	18.1	Gneiss with mixture of Limestone									
18.1	18.2	Much coarse massive graphite									
18.2	18.9	Limestone with bands of gneiss									
18.9	20.8	Coarse Crystalline Limestone									
20.8	21.1	Dark gneiss									
21.1	24.4	DO									
24.4	24.6	DO									
24.6	26.1	Coarse Crystalline Limestone									
26.1	35.6	Crystalline Limestone with bands, blebs, and splashes of gneiss.									
35.6	38.7	As above much graphite in blebs and fine flecks.									

LANGRIDGES - TORONTO - 366-1168

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DIAMOND DRILL RECORD

NAME OF PROPERTY POMINEX MC KELLAR
 HOLE NO. PMK 80-4 SHEET NO. 2 - 2

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
127	131.3	Crystalline Limestone with strecks and splashes of gneiss inclusions									
131.3	131.8	Band of dark gneiss 30° to core									
131.8	137	Crystalline Limestone, flecks of graphite, with greenish crystals 4° impurities one minor band of gneiss									
137	152	Crystalline Limestone flecks of graphite many small crystals (greenish)									
152	167	Banded and speckled mixture of gneiss and Limestone with some quartz sections									
167	177	Speckled Crystalline Limestone Flecks of graphite, greenish crystals 5° impurities									
177	182	DO									
182	183.4	Band of gneiss 30° to core									
183	202	Crystalline Limestone with sections of gneiss inclusions, speckled with graphite flakes and greenish crystals. 5° impurities									
		END OF HOLE									

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DIAMOND DRILL RECORD

NAME OF PROPERTY POMINEX MC KELLAR
 HOLE NO. 5 LENGTH 61.5 METERS
 LOCATION SW HOLE SPOTTED IN LOW GROUND
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP 90°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 5 SHEET NO. 1
 REMARKS _____
DARK GNEISS 50' WEST OF HOLE COLLAR
 LOGGED BY _____

METERS		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	7.3	Casing								
7.3	7.37	Gneiss								
7.37	8.2	Very coarse Crystalline Limestone with minor flecks of graphite 1° impurities								
8.2	9.4	DO								
9.4	11.2	Coarse Crystalline Limestone with many sections of Gneiss inclusions.								
11.2	14.3	DO								
14.3	17.3	Crystalline Limestone (Coarse) with minor impurities								
17.3	20.4	Mixture of Coarse crystalline with many inclusions of Gneiss								
20.4	24.9	Very coarse Crystalline Limestone with few impurities minor flecks of graphite 1° impurities								
24.9	27.6	As above								
27.6	28.5	Mixture of gneiss & Limestone								
28.5	32.6	Coarse Crystalline Limestone with minor impurities								
32.6	38.4	Same as above								
38.4	40.2	Crystalline Limestone some gneiss inclusions.								
40.2	40.7	Coarse crystalline Limestone with minor impurities								
40.7	41.7	Dark gneiss								
41.7	43.2	Coarse Crystalline Limestone 1° impurities								
43.2	43.7	Mixed Gneiss								
43.7	46.3	Coarse Crystalline Limestone with minor impurities								
46.3	47.8	Bands of gneiss								
47.8	49.4	Crystalline Limestone mixed with gneiss								
49.4	49.5	Band of gneiss								
49.5	50.9	Coarse crystalline limestone with minor sections of gneiss inclusions								
50.9	53.9	As above								
53.9	61.5	Mixed bands of limestone and gneiss								
		END OF HOLE								

LANGRIDGES - TORONTO - 366-1188



DIAMOND DRILL RECORD

NAME OF PROPERTY POMINEX MC KELLAR
 HOLE NO. 6 LENGTH 29.5 METERS
 LOCATION S-EAST CORNER OF S-GRID LINE
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP 90°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 6 SHEET NO. 1
 REMARKS _____
 LOGGED BY _____

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	0.6	Casing									
0.6	2.1	Cave Broken ground									
2.1	11.2	Mixed crystalline limestone and gneiss									
11.2	20.4	Same as above									
20.4	23.4	D0									
23.4	29.5	Dark gneiss									
		END OF HOLE									



31E12SW9787 11 MCKELLAR

020

MCKELLAR TOWNSHIP

Claim Map 186

Eastern Ontario Mining Division

CRYSTALLINE CALCIUM CARBONATE

LOCATION

The McKellar Township property is located 16 miles North-East of Parry Sound. The property consists of 12 claims, E0 509584 - E0 509588; E0 471413 - E0 471415; E0 582121- E0 582124 all being within concessions IX, X, XI, lots 5,6, and 7.

GEOLOGY

The crystalline limestone is a granular mass of crystals, opaque white to translucent, and weathering to a brownish tint, depending on the impurities present. The weathering appears to be less than 18 inches deep. Impurities include graphite, small flakes of mica together with wall rock inclusions, silicious dikes and basic dikes which are mostly hornblende.

The group of 12 claims lies over a mass of limestone which strikes northwest and has been observed over 8,000 feet of strike length.

The centre of this deposit is on claim 471413 where 7 diamond drill holes were laid out.

Although numerous sink holes and other indications of karst topography are located in the area indicating limestone, the major bed of crystalline limestone (of study) has inclusions and is bounded on the east and west by a complex mix of amphibolite, biotite gneiss and hornblende. Silica is also present along with Fe_2O_3 . The contacts here appear to be sharp although the surface trace is quite irregular.

Other masses of Calcite were located but no work was done on them.

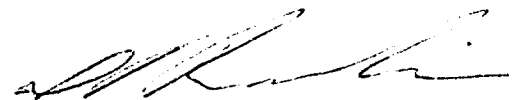
DRILLING

The drilling consisted of two rows of 3 holes each approximately 300 feet apart and making an area of 600 X 400 feet. The seven holes were drilled at 90° to the horizontal, using $1\frac{5}{16}$ inches diameter B.Q. wire-line for a total of 231.7 meters or 759 feet of diamond drilling.

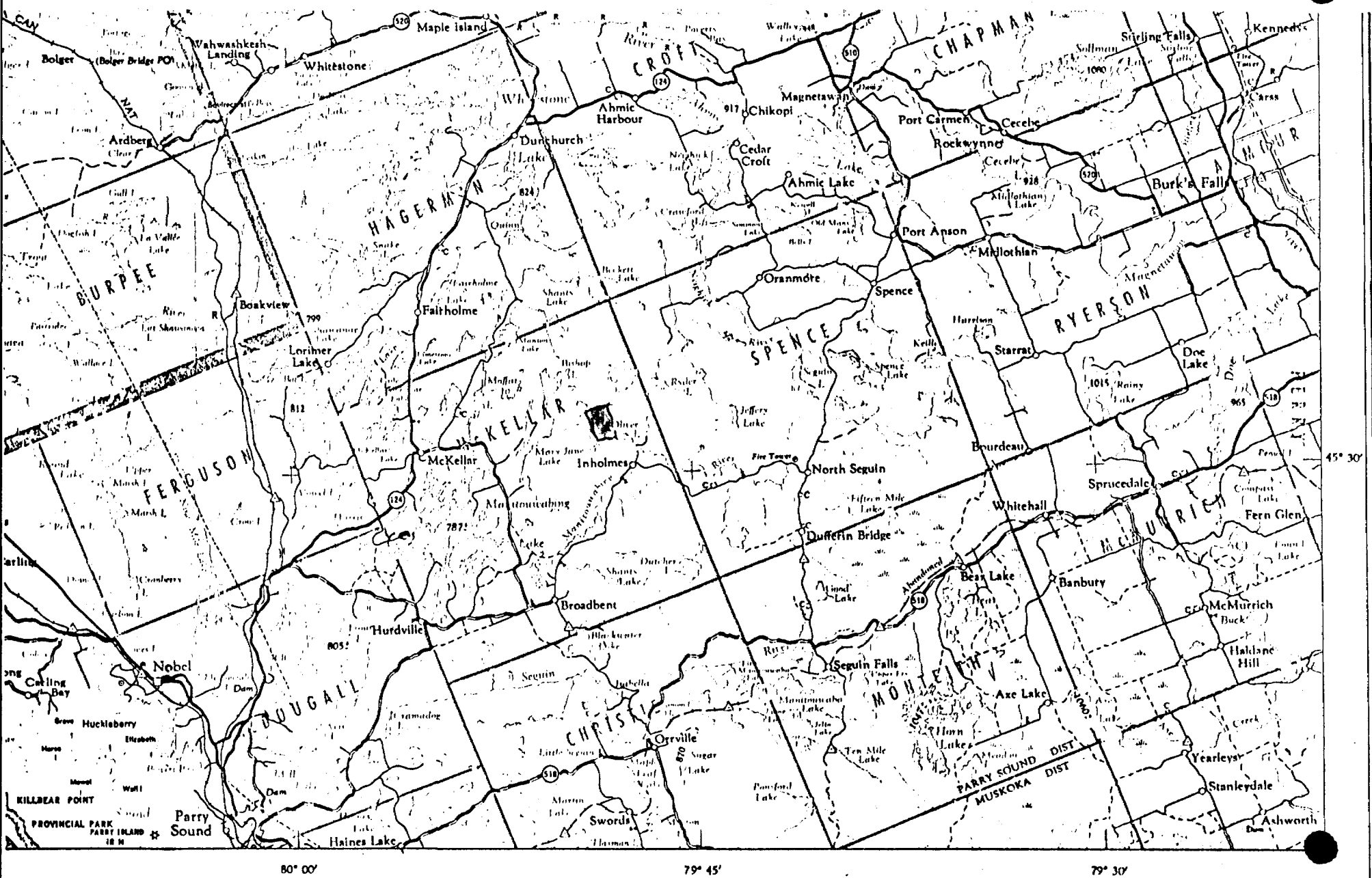
<u>Hole No.</u>	<u>Hole Depth</u>	
	<u>M</u>	<u>(ft.)</u>
PM 80-1 (abandoned)	3.4	(11)
PM 80-1R (redrilled east of abandoned hole PM 80-1)	16.9	(55)
PM 80-2	37.0 ?	(121) ?
PM 80-3	21.6	(71)
PM 80-4	61.6	(202)
PM 80-5	61.6	(202)
PM 80-6	<u>29.6</u>	<u>(97)</u>
TOTAL	<u>231.7</u>	<u>(759)</u>

RESULTS OF DRILLING

The results were not encouraging. It appears that the deposits drilled are interbedded limestone and gneiss with other impurities such as graphite, mica and pyroxene crystals with the limestone.



MAP 65A NORTH GEORGIAN BAY RESERVE



80° 00'

79° 45'

79° 30'

Scale: 4 miles \approx 1"

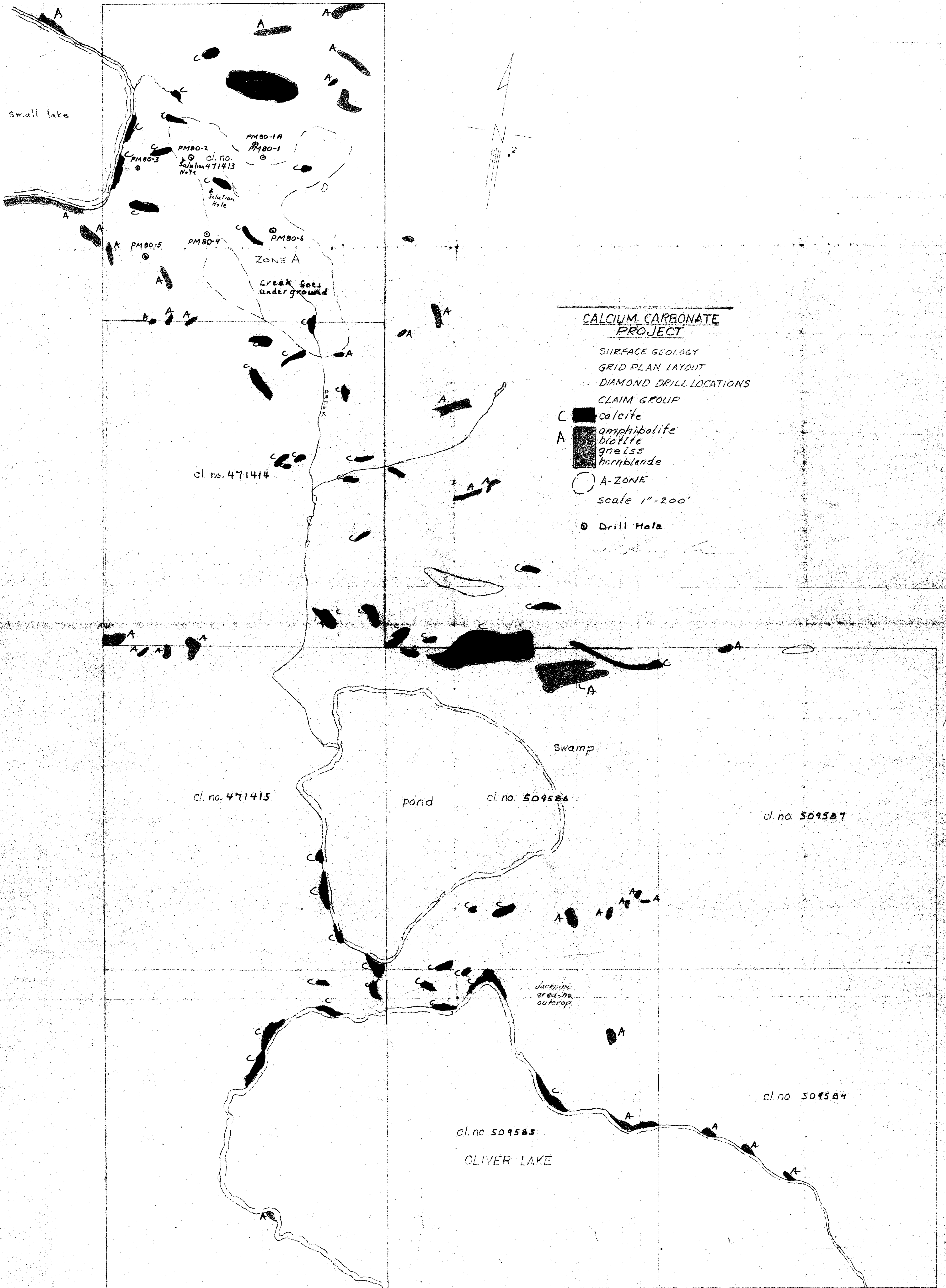
<u>Hole No.</u>	Hole Depth	
	<u>M</u>	<u>(Ft.)</u>
PM 80-1 (abandoned)	3.4	(11)
PM 80-1R (redrill's east of abandoned hole PM 80-1)	16.9	(55)
PM 80-2	37	(121)
PM 80-3	21.6	(71)
PM 80-4	61.6	(202)
PM 80-5	61.6	(202)
PM 80-6	<u>29.6</u>	<u>(97)</u>
TOTAL	231.7	(759)

DRILLING COMMENCED SEPT. 7, 1980 ENDED SEPT. 22, 1980.

MC KELLAR TWP.

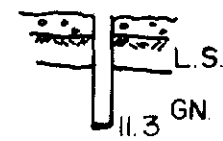
#27-81

Pominey Ltd.

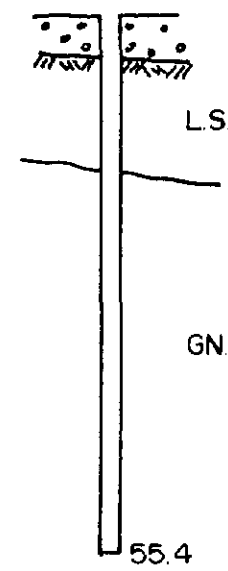


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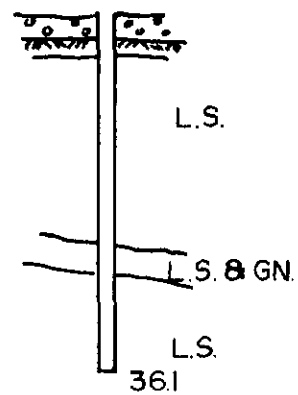
PM80-1A



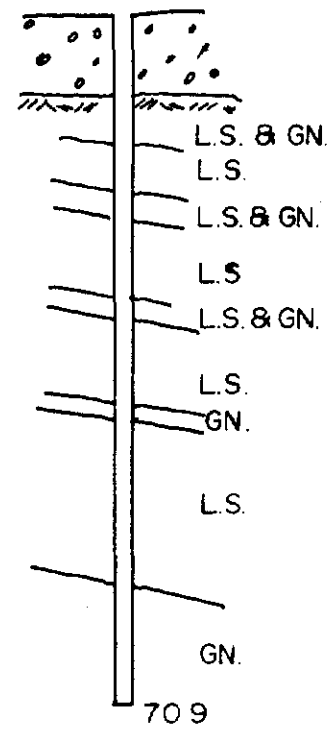
PM80-1



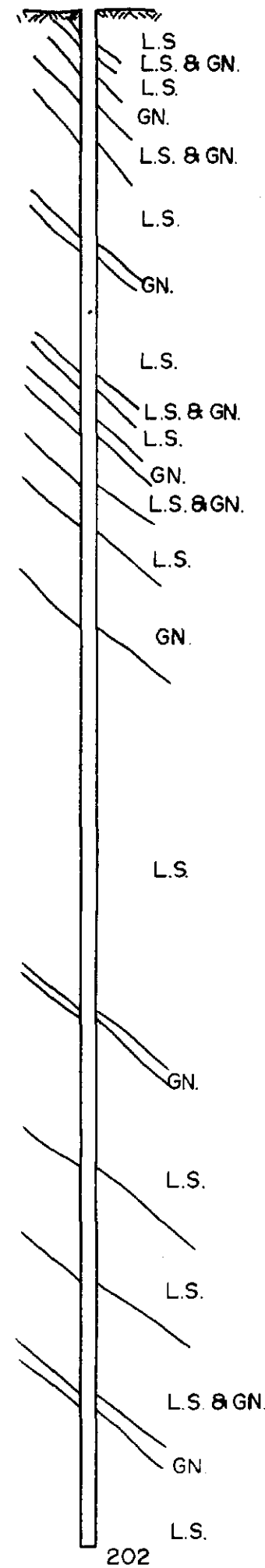
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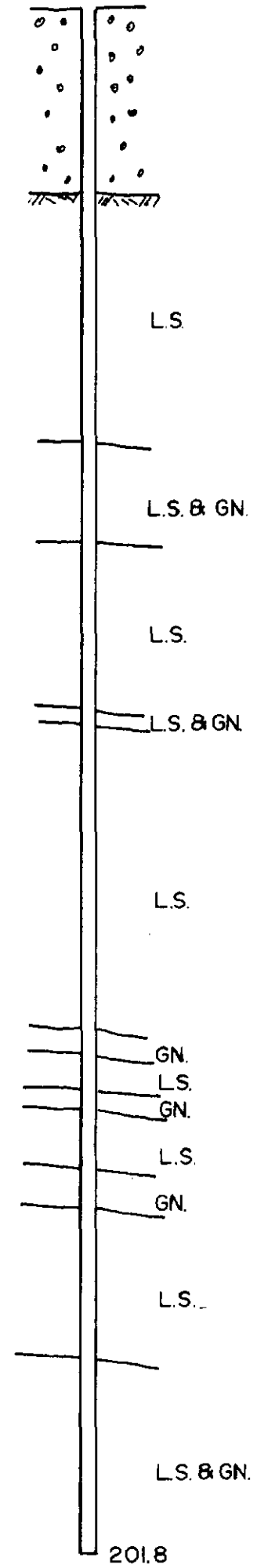
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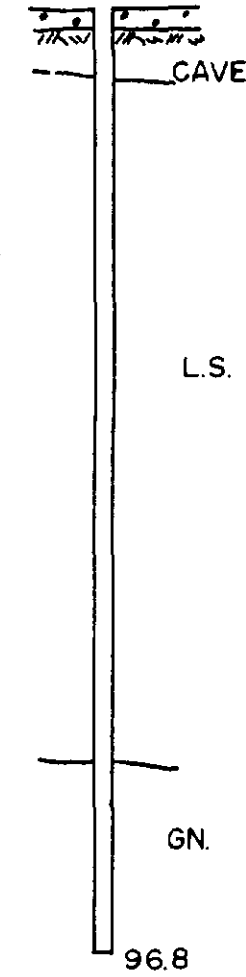
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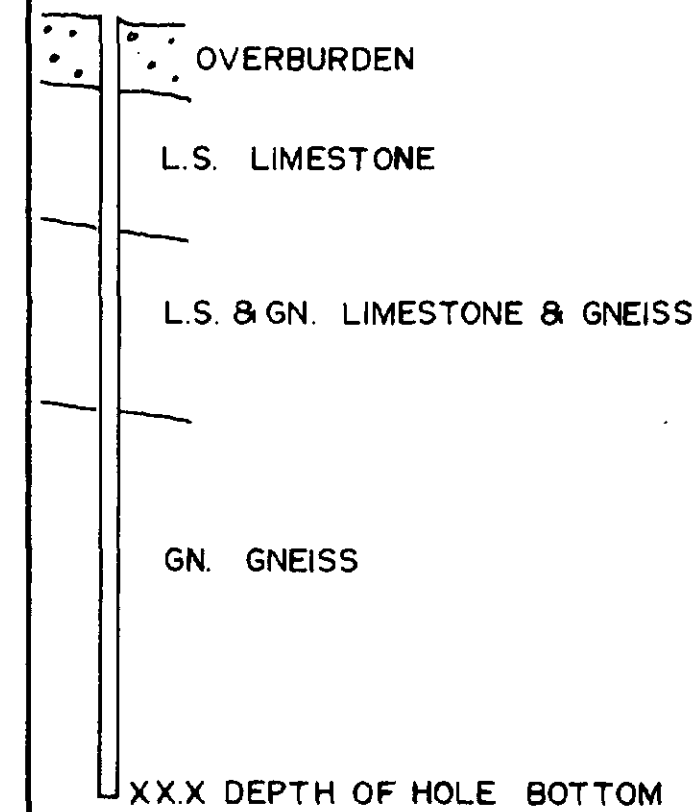
PM80-5



PM80-6



LEGEND



James Wade
12/12/80

JAMES WADE ENGINEERING LTD.		
SCALE: 1"=20' VERT.	APPROVED BY:	DRAWN BY JGW
DATE: 12/12/80		REVISED
DRILL SECTIONS-McKELLAR TWP.		
POMINEX LTD.		DRAWING NUMBER 80-035-005



31E125W9787 11 MCKELLAR