PICKLE CROW GOLD MINES, LTD.

Pardo township

A visit was made to this property on March 21st, 1956. The writer was accompanied by E. L. MacVeigh, consulting geologist. J. M. Hammell, resident engineer, was at the camp.

PROPERTY

The property consists of a group of eighty-two unpatented claims most of which are located in the northwest quarter of Pardo township. The camp is in the northeast quarter (claim S-81603) of the south half of Lot 10, Con. V, on the south shore of the west bay of Tee Lake.

ACCESS

A bush road, which trends north from the village of Glen Afton to the former Golden Rose mine at Emerald Lake in Afton township, wanders back and forth across the west boundary of Pardo township. A branch road from Tee Lake joins the Emerald Lake road in Lot 12, Con. II. It is about six and a half miles from Glen Afton to the junction, and since the Emerald Lake road was snow-plowed for lumber trucks, it was possible to drive to this point by car. A jeep took us the additional four miles to the camp.

GENERAL GEOLOGY

The general geology of Pardo township is shown on Map No. 41f which accompanies the report by E. L. Bruce entitled, "Geology of the Townships of Janes, McNish, Pardo and Dana", in O. D. M. Annual Report Vol. XLI, Part 4, 1932. In the northwest quarter of the township the map shows the oldest rocks exposed to be quartzites which E. L. Bruce designated as "Sudbury Series" and which are shown on the "Lake Huron Sheet", Map 155A, Geological Survey of Canada, as the "Mississagi" formation of the Bruce Series. Other formations which outcrop are Cobalt sediments, Nipissing diabase, and granite gneiss said to be Keweenawan in age.

PROSPECTING AND DEVELOPMENT WORK

Within the last few years the widespread occurrence and economic importance of low-grade uranium deposits in the Blind River area north of Lake Huron have been established.

Since the radioactive minerals at Blind River occur in narrow intermittent beds of quartz-pebble conglomerate associated with Mississagi quartzite, all areas shown on the "Lake Huron Sheet" as "Mississagi" (see above re Pardo township) are being thoroughly prospected for uranium.

At the time of our visit to the property the tenth and last hole of the current diamond drilling programme was underway. The first hole was drilled vertically on an outcrop of quartz-pebble conglomerate about a quarter of a mile southeast of the camp, at the outflow to the south of Tee Lake. This hole, No. A-1N went through a few feet of quartz-pebble conglomerate into schisted impure quartzites dipping 80° north. The second hole No. A-2N was drilled to the south from the same set-up with a flat dip of 38° in an attempt to cross-section the underlying near-vertical sediments. At 606 feet where the hole was stopped it was still in schisted quartzites containing micaceous bands.

An east-west baseline was established 100 feet south of the collar of the holes numbered A-1N and A-2N. At 200 foot intervals lettered stations were established to the west on this baseline, and grid lines turned at right-angles. A plan of the property, with the geology taken from the O. D. M. map 41f, on which the baseline and hole locations are plotted at 1" = 400' was given to the writer by E. L. MacVeigh.

The diamond drill core which was available for examination at the camp showed that eight of the holes intersected a narrow bed of pyritized quartz-pebble conglomerate strikingly similar in appearance to the pebble beds in the Mississagi formation in the Blind River area which contain economic concentrations of uranium minerals. This distinct quartz-pebble bed occurs

above the impure quartzites designated "Sudbury Series" by E. L. Bruce, and below the Cowganda conglomerate of Cobalt age.

Although E. L. Bruce finally listed only two sedimentary series in his Table of Geological Formations, he was not unaware of the possibility that some of the pre-Cobalt quartzites might be later than the Sudbury Series. On page 15 of his report he states:

"The (flat-dipping) quartzite forming the high ridge south of Silver Lake (Pardo township) is so fresh in appearance and the conglomerate beds with it are so undeformed, that there is some reasonable doubt that it should be correlated with the highly altered sediments. This area extends northward to a point northwest of Tee Lake, and G. S. Mackenzie reports conglomeratic facies in that locality which may represent an unconformity between it and the impure schistose quartzites to the northeast."

On page 13 Bruce admits that the quartzite extending from Sargesson Lake (Janes township) northward is lithologically identical with that at Ashgaming Lake 10 miles to the west which Quirke mapped as Mississagi quartzite. He goes on to say that:

"Perhaps the most cogent reason for placing the quartzite of Janes and Pardo townships as Sudburian and not Mississagi is that there is a very marked unconformity between the quartzite and the Cowganda series."

This unconformity is very evident in the diamond drill cores. Schisted steep-dipping quartzites are capped by a well defined bed of gently-dipping, quartz-pebble conglomerate in which the pebbles are relatively small and remarkably uniform in size. The latter is usually overlain by normal Cowganda conglomerate of the Cobalt series with a large variety of poorly sorted pebbles and boulders, many of which are granite. It is our contention that the quartz-pebble conglomerate represents the Mississagi formation, for not only is it lithologically similar to the Blind River conglomerates but it is also pyritized, and assays, although considerably

below commercial grade, nevertheless indicate the presence of uranium. The flat-dipping quartzites and conglomerates described above, south of Silver Lake and west of Tee Lake may also be of Mississagi age.

D. D. H. No. C-14N, which was a vertical hole collared on the outcrop of Cobalt (Gowganda) conglomerate east of the camp, gave a representative section. A summary log is as follows:

0	-	124'	Typical Cobalt (Gowganda) conglomerate.
124.0	-	136.6	Pyritized quartz-pebble conglomerate, shown by thin argillaceous streaks to have a gentle dip.
136	-	162	Impure quartzite, well bedded and schisted. Near-vertical in attitude.

End of Hole

The quartz-pebble conglomerate intersections in the holes drilled to date are listed below:

Hole No.	Footage	Intersection of Qtz-Pebble Congl.	Length of Intersection	Dip
A-1N	54'	Collar to 8.5'	-	90°
A-2N	606'	Collar to 14.2'	-	38°
A-4S		Abandoned	-	38°
B-0	310'	93.7' - 106.2'	12.5	90°
B-4S	301'	111.0' - 118.0'	7.0	90°
C-0	124'	150.5' - 166.4'	15.9	90°
C-14N	162'	124.0' - 136.6'	12.6	90°
E-0	288'	Abandoned	-	90°
I-2N	483'	401.4' - 428.1'	26.7	90°
I-33S	482'	421.0' - 444.0'	23.0	90°

Average length of intersection (vertical) = 16.3'

Since the "I" line is 2800 feet west of line "B" the drilling results listed above indicate that the quartz pebble conglomerate bed dips gently to the west and becomes thicker as the depth below the surface increases.

In Hole I-338 the underlying rock between 444.0' and the end of the hole at 482.0' was chloritized greenstone. This was the hole in which the best uranium values were obtained, two feet averaging 0.017% U_3O_8 (equiv). The range of values in all the holes drilled before I-338 was from 0.002% to 0.008% U_3O_8 (equiv). While no intersections of commercial value have been obtained it is significant to note that the uranium content as well as the thickness of the quartz-pebble conglomerate bed appears to increase toward the west where the greater part of the property has yet to be investigated. To this end a summer programme of additional diamond drilling has been recommended.

Exploration to date suggests the following tentative Table of Geological Formations:

KEWEENAWAN	Intrusives
COBALT SERIES	Gowganda Conglomerate
BRUCE SERIES	Mississagi Quartz-Pebble Conglomerate
TIMISKAMING (?)	Schisted Impure Quartzites
KENVATIN	Chloritic Greenstone

In Vogt township to the northeast of Pardo quartz-pebble conglomerates were examined by the writer in July, 1955 on the Saville-Millar and D'Eldona properties. These conglomerates are pre-Cobalt and gave radioactive indications. They could also be of Mississagi age, but where observed, their dip was very steep.

W. S. Savage,
Resident Geologist.

May 9th, 1956.

ABANDONED

DIAMOND DRILL RECORD

Hole No. E-0 Sheet No. 1 — Picket line E @ 00'
Property Pickle-Pardo
Drilled by Boyles
Date Begun Jan. 23, 1956
Date Finished Feb. 3, 1956
Contractor's Footage 288.0'
Coordinates Collar
Lat. ..... Dep. .....
Elev. Collar .....
Bearing Vertical
Angle Vertical
Working Place Claim S. Y9913
Total Depth 288.0'
Ft. of Core Recovered .....
% Recovery .....
Size Bit Used AXT
Size Core 1⅛"

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Co.	% Ni.	U_3O_8
0.0	CASING - Broken ground. Drill						
61.0'	had difficulty collaring in bad rock. Diabase in first core probably from a boulder.						
61.0	GRAYWACKE - Siliceous gray rock.						
73.0	Probably Cobalt formation.						
73.0	PEBBLE CONGLOMERATE - Rounded and						
75.0	semi-rounded quartz pebbles in graywacke matrix. Showing some pyrite in matrix.						
	Sample 73.0 - 75.0						
	72.1 - 74.0	37	1.9	0.01			0.003
75.0	GRAYWACKE - Siliceous gray rock						
279.0	as above with a few scattered quartz and chert pebbles. Some nests of pebbles u. to 6" long show pyrite. A few ¼" quartz veins present at 30° to core. Formation dip indicated to be 30°. Some smearing in short core sections ∠ 60° to core. Also slips ∠ 60° to core show smearing of pyrite.						
279.0	CLASTIC BED - Fragments up to 1" in graywacke matrix. Dip indicated to be about 30°.						
	HOLE END - 288.0'						
	NOTE - Basal conglomerate bed not reached.						

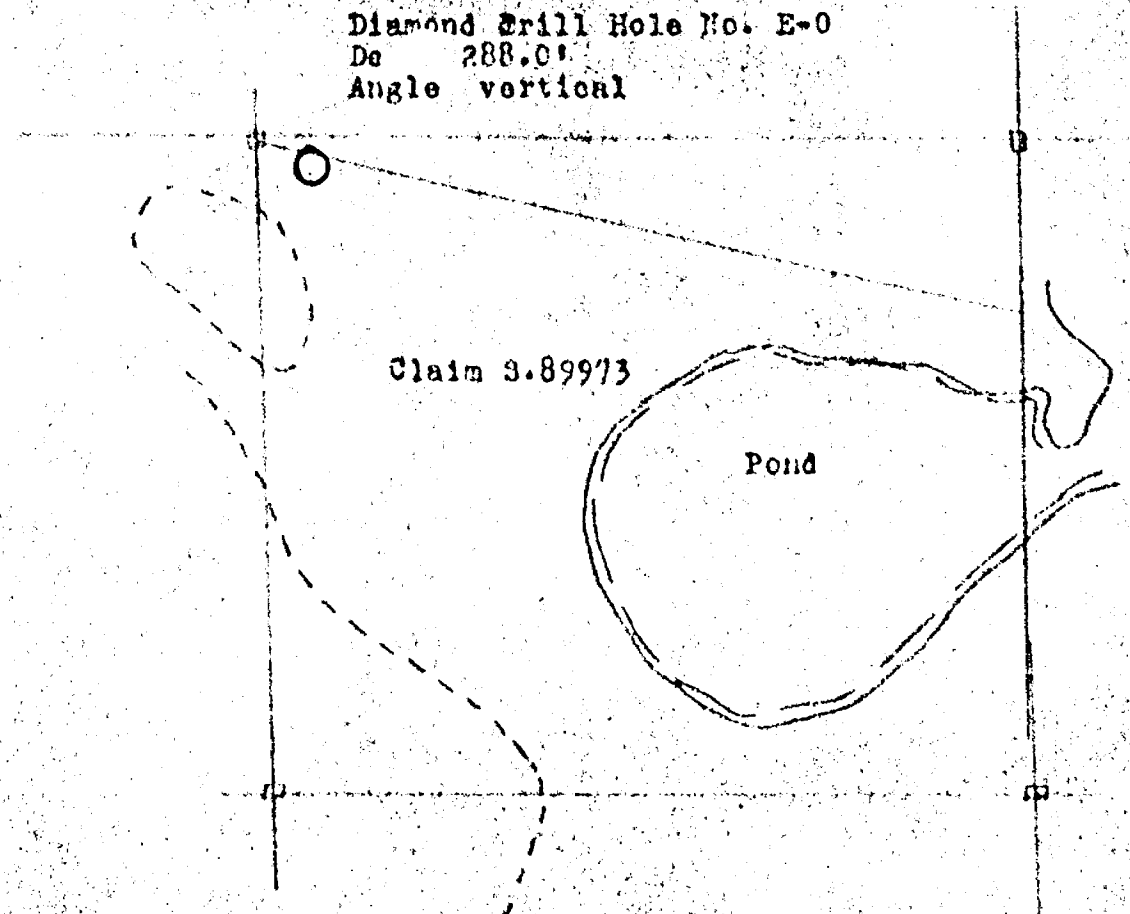
Log By for B. L. MacVEIGH

PICKLE CROW GOLD MINES LIMITED

WORK RECORDING

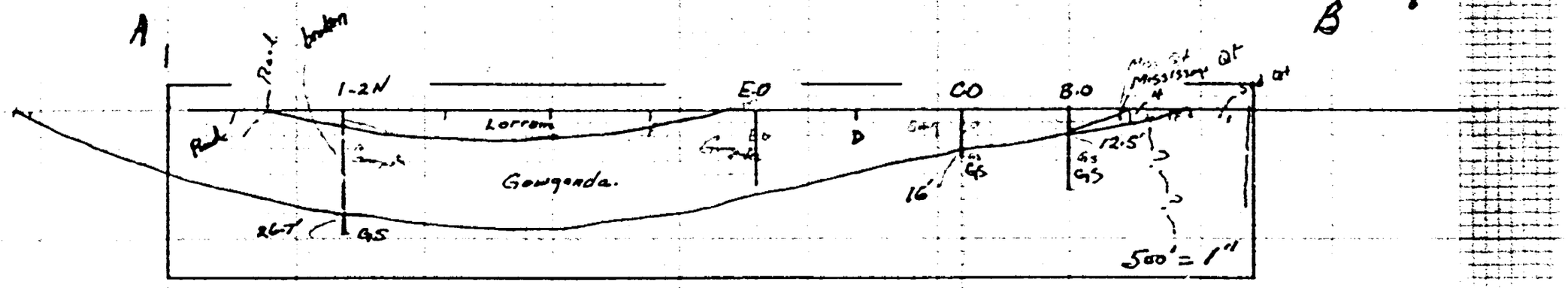
Map scale 1" to 200'

PARDO TOWNSHIP



for contiguous claims S.89973
S.85385-86-87-88

December 12, 1956
E. L. MacVeigh


A
B
8.4"
1-2N
E-0
C0
B-0
Lorrem
Gowganda.
12.5'
16'
2G-T
GS
500' = 1"
2"
1" = 500'

900

FOR INFORMATION REGARDING MENTIONED DD LOGS SEE:

PARDO - 0011

020

REPORT ON

THE GEOLOGY OF THE PICKLE CROW GOLD MINES PROPERTY

PARDO TOWNSHIP, TEMAGAMI AREA, ONTARIO

FOR

THE DIRECTORS

August 10th, 1956
Haileybury, Ontario

E.L. MacVeigh, B,A., M.S.

CONTENTS-

MAPS (a) Geological Map of part of Pickle Crow Gold Mines Limited- scale 1" equals 400'

(b) Property Holdings of Pickle Crow Gold Mines Limited in Pardo Township - scale 1" equals 1/2 mile

Rec From
DR. J E Thompson
Oct 20/58

FOREWORD

January 9th to March 28th, 1956, Pickle Crow Gold Mines Limited completed a program of 3,393.0' of diamond drilling on their claim holdings in Pardo Township. This drilling was carried out in twelve steep angle holes to intersect a flat lying pyritized quartz pebble conglomerate bed correlating in horizon with the uranium bearing beds at Blind River, Ontario. The results of the drilling showed an intersection of a quartz pebble pyritized conglomerate in most holes. This conglomerate bed is found to be resting unconformably on a basement rock of Keewatin greenstone and to vary in thickness from 12.0' to 28.0'.

It was recognized in the diamond drilling that more knowledge would be required of the distribution of the Mississagi and the basement rocks. Accordingly a program of mapping was carried out in June and July 1956 and the accompanying map prepared on a scale of 1" to 400'.

PROPERTY AND ACCESS

The property is located in Pardo Township at the west end of the Temagami Mining Area and is reached by car drive north from River Valley, a station on the Canadian National Railway. The distance from River Valley to the site of the proposed drilling is twenty-two miles. This location is at the outlet of Silver Lake where a core shack has been erected.

As a result of the recent geological mapping Pickle Crow acquired an additional forty-five favourably situated mining claims. Added to the previous holdings there is now a total of one hundred and twenty-one claims. The total claim holdings held

in Pardo Township by Pickle Crow Gold Mines Limited are listed on an accompanying page.

GEOLOGY

The geological mapping shows the presence of a broad syncline formed by the sedimentary rocks in Concessions II, III, IV, and V, Lots 9, 10, 11, and 12, of Pardo Township. This syncline is a basin-like structure trending north 20° east and pitching about 5° to the southwest. The east and west flanks of this syncline dip toward the center at angles of about 30°. Dips flatten progressively towards the center of the syncline where some flat dipping beds are found. Secondary folding is found within the syncline forming at least two recognized ridges which parallel the syncline and strike through the Pickle Crow property in a north-northeast direction.

The rocks forming the lowest member of the syncline are a formation of impure quartzite and greywacke thought to be the same horizon as the Mississagi Formation in Blind River. This formation has a basal conglomerate member composed of a quartz pebble conglomerate which is well pyritized and silicified and varies in thickness from 2' to 28' as observed on surface outcrop and in diamond drill intersection. The formation is also uranium bearing. The narrow thickness of 2' was found in surface outcrop at the extreme north end of the mapped basin structure. Diamond drilling indicates a thickening of the basal conglomerate bed as drilling progressed deeper into the basin towards the south. This evidence may indicate that the basin was a localized deposition area at the time the sediments were formed. Overlying the Mississagi

formation which has a maximum thickness of two or three hundred feet is the Cobalt sedimentary formation. The contact between the Mississagi and the overlying Cobalt is not distinct and where conglomerate occurs in the Mississagi it is not definitely established where the division should be placed. The Cobalt formation is composed of typical greywacke, slate, and a thick basal conglomerate. The Cobalt is estimated to reach a thickness of three to four hundred feet in places in the basin area. Overlying the Cobalt formation and occupying the surface throughout most of the basin section is a quartzite correlated with the Lorrain series. The Lorrain series rocks in the area are mostly a hard quartzite with some interbedded slate and greywacke. The thickness of the Lorrain series in the basin area mapped on the Pickle Crow ground probably does not exceed two hundred to three hundred feet.

The basement rock underlying most of the sedimentary formations is composed largely of steep dipping schisted Keewatin sediments and greenstones. In the northwest corner of the Pickle Crow property one granite section is indicated to be the basement rock on which the Mississagi basal conglomerate has been laid down. South and east of the Pickle Crow property is a very young granite which has metamorphosed the sedimentary rocks near its western contact. This would mark at least two ages of granite in the section, one of which would be pre-Huronian and the other post-Huronian in age.

The air photos of the property show a number of long lineals trending in two directions, east-southeast and north-northeast. On the ground these are found to be overburdened draws and depressions and may represent fault zones. It is likely

that there is some offset along most of these supposed fault locations.

The program of drilling already carried out by Pickle Crow has shown the presence of uranium in the pyritized quartz pebble conglomerate at the bottom of the Mississagi formation. This occurrence is similar to that of the uranium deposits of Blind River and while values found so far on the Pickle Crow property have been low, the possibility of the widespread basal conglomerate making ore gives the property an interesting exploration chance.

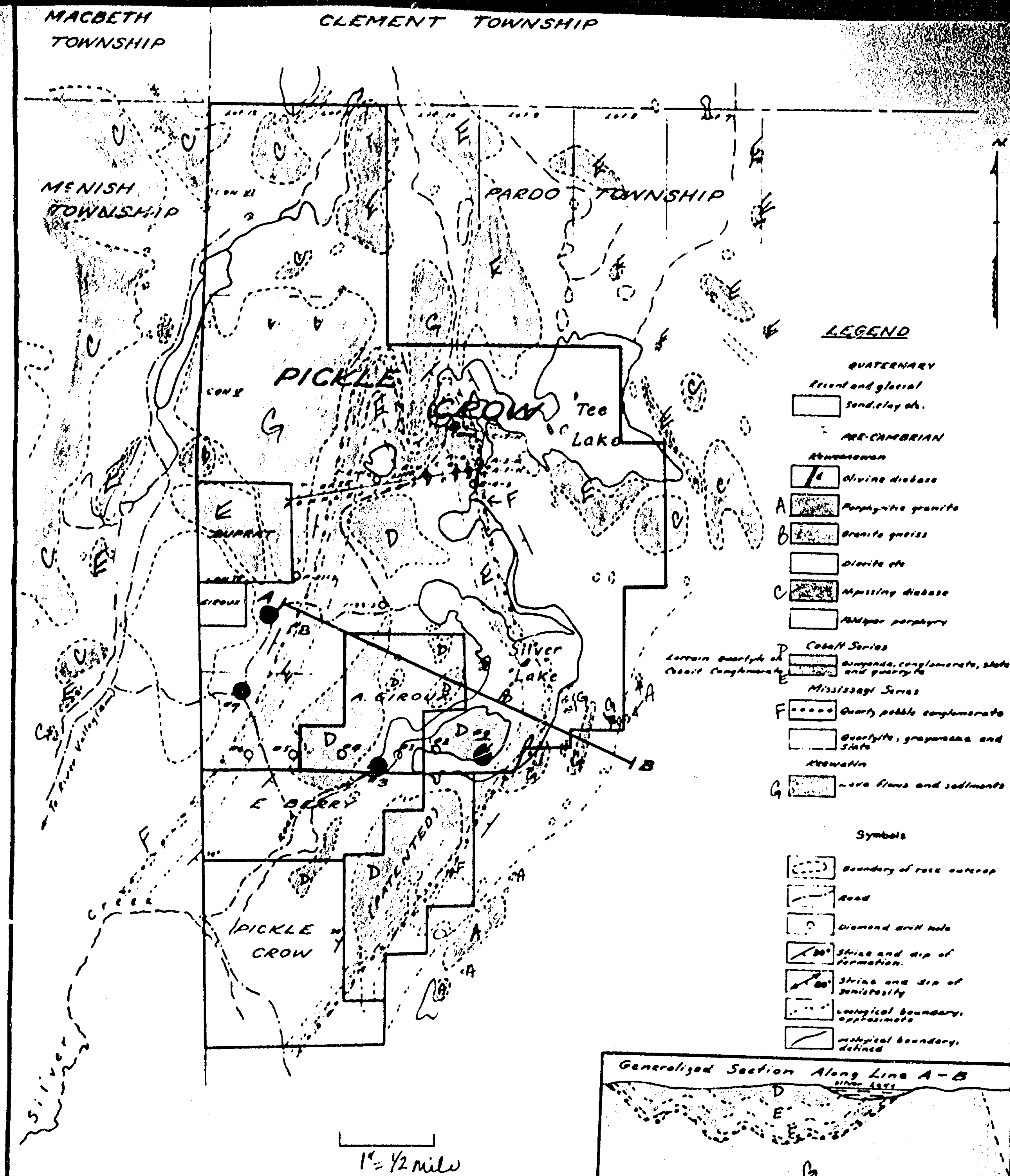
RECOMMENDATIONS

On the accompanying geological map six proposed diamond drill holes have been laid out in an east-west alignment. These holes are approximately one-quarter of a mile apart and start with a No.1 hole at the east end of the group. It is recommended that these holes be drilled vertically to the bottom of the Mississagi formation in a search for uranium ore in the quartz pebble conglomerate. The series of six holes a quarter of a mile apart will explore approximately a mile and a quarter across the basement area. The depth to which these holes will have to be drilled is estimated not to exceed one thousand feet vertically and probably in most cases the basal conglomerate will be reached at depths less than seven hundred feet. An initial program of twenty-five hundred feet of diamond drilling should be contracted to explore the possibility of uranium occurrence as described above.

Respectfully submitted by,

"E.L. MacVEIGH"
E.L. MacVeigh, B.A., M.S.

August 10th,1956
Haileybury, Ontario



PROPERTY HOLDINGS OF

PICKLE CROW GOLD MINES LTD.

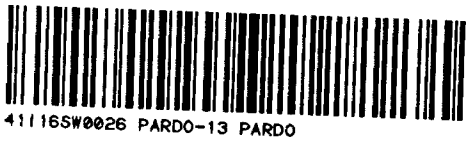
PARDO TOWNSHIP. TEMAGAMI MINING AREA - ONT.

Scale : 1inch = 1/2 mile

E. L. MACVEIGH
Consulting Geologist

Box 425
Haileybury, Ont.

COPY



030

January 28th, 1957

The President and Directors
Pickle Crow Gold Mines Ltd.
25 King Street West
Toronto, Ontario.

Dear Sir:

SUMMARY REPORT
DIAMOND DRILL PROGRAM NO. 2
PARDO TOWNSHIP, ONTARIO

March 28th, 1956 a No. 1 program of 3,393 feet of diamond drilling was completed in Pardo Township, Ontario. This drilling was directed in vertical holes to a flat lying uranium bearing quartz pebble conglomerate similar to the Blind River Field. All uranium values found in the core by Pickle Crow were low, the highest running 0.028% U_3O_8.

The No. 1 program of diamond drilling was followed by a geological mapping program in the summer of 1956 which revealed a basin structure approximately two miles wide and four miles long to be underlain by the favourable uranium bearing Mississagi quartz pebble conglomerate. Following the survey additional ground was acquired by Pickle Crow to cover the area of interest and a No. 2 program of diamond drilling carried out.

The No. 2 program of drilling was begun August 15, 1956 and directed in four vertical holes, Nos. 1-3-7-8, to intersect the quartz pebble conglomerate at deeper horizons. The drilling in the second program totalled 4,096'. The No. 1 hole in this program failed to gain an intersection because it flattened to 40° and was abandoned before it reached the conglomerate. Hole No. 3 showed a thickness of eight feet of quartz pebble conglomerate at a depth of 1076' with very low assays of 0.006% U_3O_8. Hole No. 7 intersected a thickness of 73' of interbedded quartzite and quartz pebble conglomerate beds with the highest assay running 0.009% U_3O_8. Hole No. 8 showed 41' of well pyritized quartz pebble conglomerate with the highest assay 0.006% U_3O_8. All assays gained in the No. 2 program are much below the economic grade which would have to be in the neighbourhood of 0.10% U_3O_8. Drilling in the No. 2 program was completed November 21st and log sheets for the four holes with assays have been submitted to the Pickle Crow Company. Accompanying this report are vertical sections of the drill holes on a scale of 1" to 100' and a chart of the drilling data.

The possibility of the ground having uranium ore is not eliminated by the diamond drilling carried out to date. In view of the recent ore revealings at Blind River it is probable that

Re. From
DR J E Thompson
Oct 20/58

when Government geological mapping is carried into this area it will be followed by further diamond drilling. Like Blind River, the tonnage in the quartz pebble conglomerate zone in Pardo Township is between one and two million tons per 40 acre claim. In view of the consistently low uranium assays in the Pickle Crow drilling however further drilling can not be recommended.

Yours respectfully,

E. L. MacVeigh B.A., M.S.

ELM/p

PICKLE CROW - PADRO TOWNSHIP DRILL HOLES

NO. 2 PROGRAM

August 15th, 1956 to November 22nd, 1956

HOLE	CLAIM NO.	ANGLE AT COLLAR	DEPTH	PEBBLE CONGLOMERATE INTERSECTION
No. 1	T.42023	90°	1059'	Hole abandoned
No. 3	T.42033	90°	1095'	1076.7' to 1084.2'
No. 7	S.81593	90°	1292'	1162.6' to 1235.0'
No. 8	S.81591	90°	650'	534.5' to 575.0'

ABANDONED

DIAMOND DRILL RECORD

Hole No 1 Sheet No 1
Property Pickle Crow-Sardo Twp.
Drilled by Cameron Diamond Drill
Date Begun Aug. 16, 1956
Date Finished Sept. 6, 1956
Contractor's Footage

Co-ordinates Collar S.E. end of Peninsula S. end of Silver Lake
Dist. Collar 45'N of shore
Bearing Silver Lake plus 9.0'
Angle Vertical
Working Place Claim T.42023

Total Depth 1059.0'
Ft. of Core Recovered 1057.6'
% Recovery
Size Bit Used A.X.T.
Size Core

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Ni.	
0.0 4.0'	CASING (1.0' stick up above surface.						
4.0' 393.6'	IMPURE QUARTZITE-medium to coarser grained. Medium gray colour. Rock quite massive siliceous and hard. Widely spaced slips and fractures at various angles to core some showing rust and some showing a very thin plating of pyrite. A few widely spaced pebble strings usually accompanied by a little pyrite and pyrrhotite mineralisation. Also a few widely scattered quartz pebbles. Pebble Strings @ 7.4', 1" to 2" quartz pebble string with some pyrite, slightly radioactive; @ 118.0', 3"quartz pebbles; @ 141.8', 1" quartz pebbles; @ 206.0', 1" quartz pebble string, a little pyrite and pyrrhotite locally rimmed on pebbles; @ 481.0'-481.7', quartz pebbles some pyrite and pyrrhotite. Fracture Zones-@183.0'-186.5', slip paralleling core; @477.1'-500.0', numerous slips and fractures at various angles to core some showing a plating of pyrite; @ 575.0'-585.0', core broken numerous irregular slips and fractures; @650.0'-675.0', core broken, numerous slips and fractures. Bedding-@142.0', 1" graywakke-like bed at 60° to core. Quartz Stringer @ 175.0', 3/4" vuggy quartz, 5-10% pyrite in vugs. Lost core @ 666.4'-667.1' and 673.8'-674.5'.						

Log By E. L. MacVeigh
for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. 1 Sheet No. 2 Co-ordinates Collar
Property Pickle Crow-Pardo Twp. Dep.
Drilled by Cameron Diamond Drill Elev. Collar
Date Began Bearing
Date Finished Inc.
Contractor's Footage Working Place

Total Depth 1059.0'
Ft. of Core Recovered
% Recovery
Size Bit Used
Size Core

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Ni.
993.6 1059.0'	SLATE-GRAYWACKE-fine grained slaty to fine grained graywacke like rock. Dark to medium gray colour. Massive, soft rock. Bedding-fine bedding at 45° to 60° to core. Note: Last 12' of core is a massive fine to medium grained graywacke.					
	HOLE END - 1059.0'					
	Note: Dip and Direction Tests @ 500' - dip 59° no bearing 1040' - dip 40° N28°W Mag. bearing Tests taken by: C. Johnson of Cameron Diamond Drilling Co.					

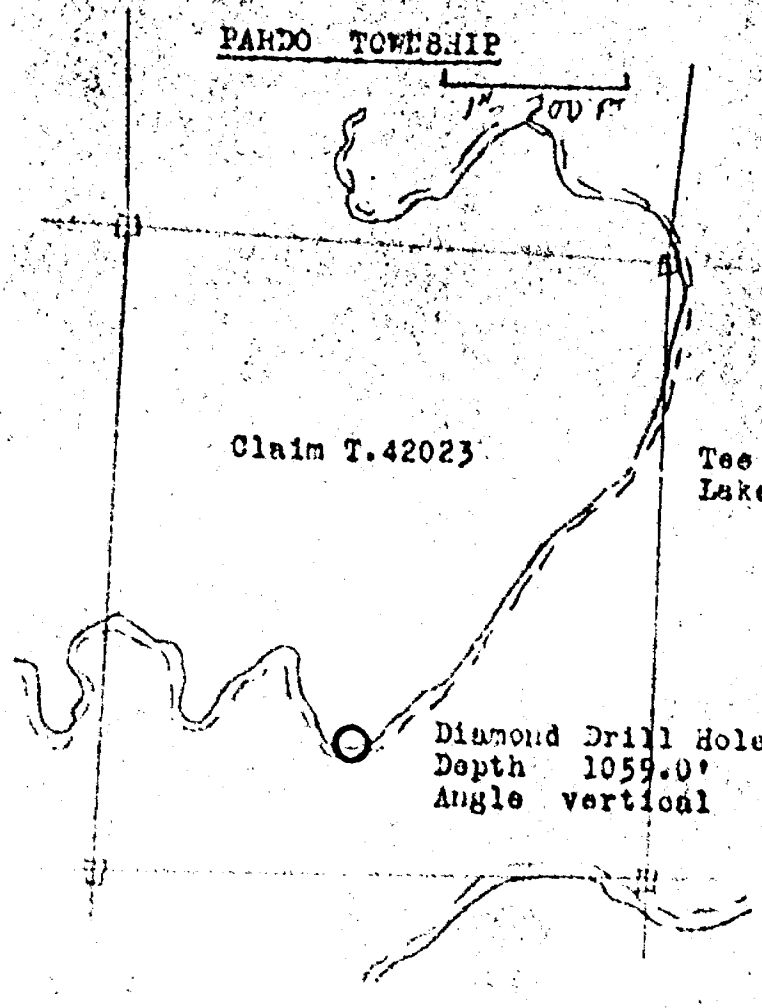
Log By W. Hammerstrom
for B. L. MacVEIGH

PICKLE CROW GOLD MINES LIMITED

WORK RECORDING

Map scale 1" to 200'

PARDO TOWNSHIP



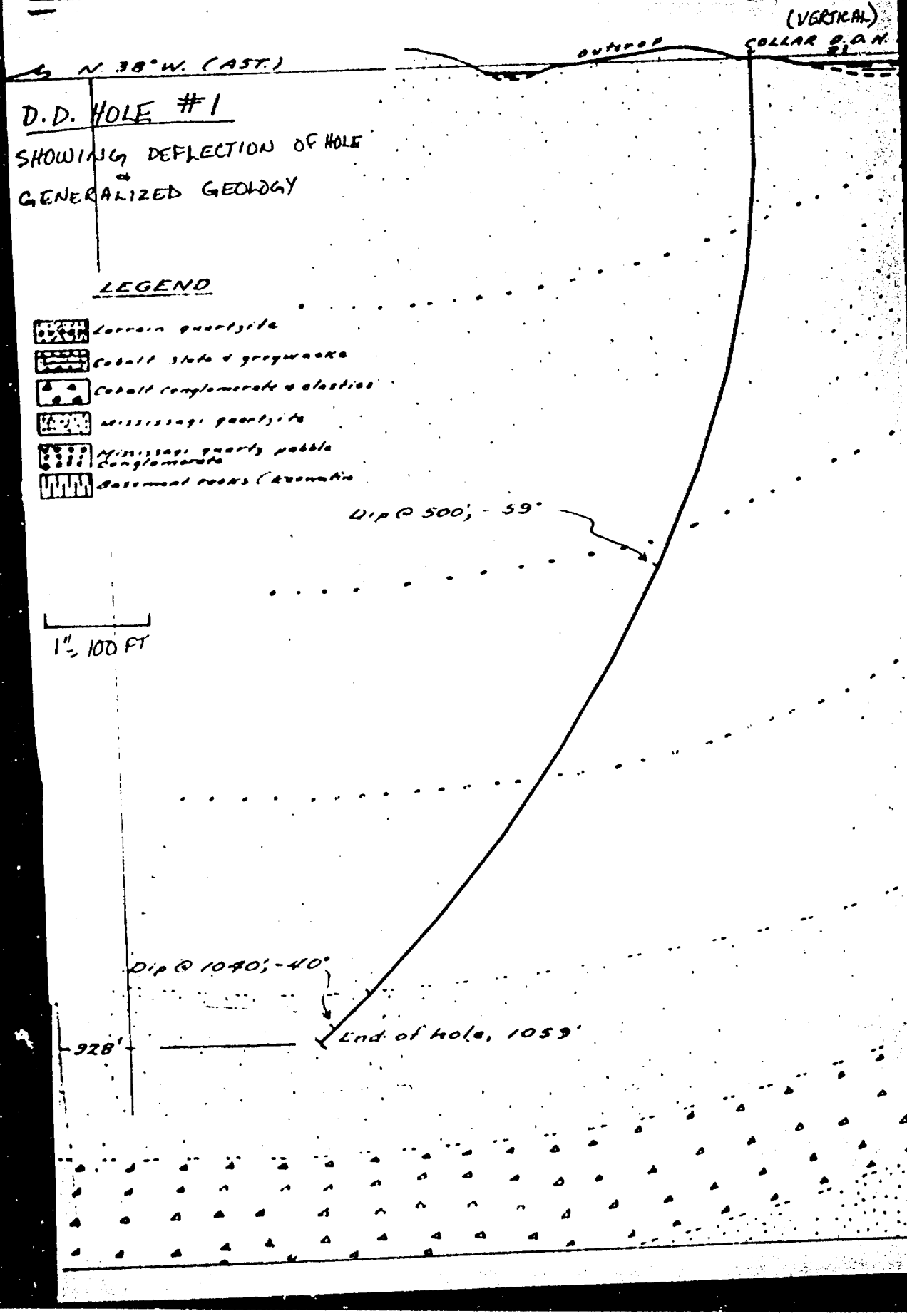
for contiguous claims T.42012 to 42023 inc.

December 12, 1956
E. L. MacVeigh

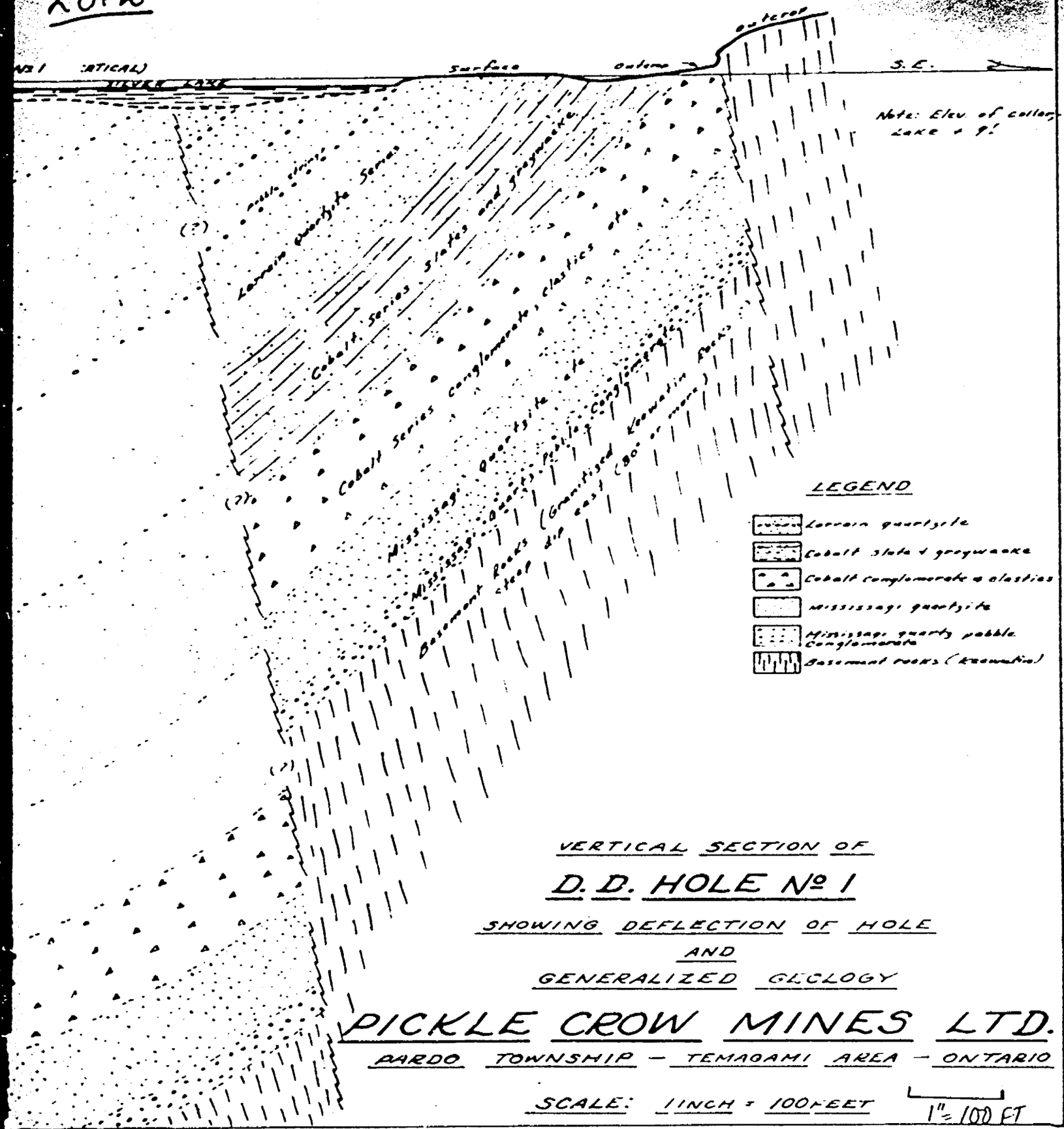
PICKLE CROW MINES LTD.

1 OF 2

PARDO TOWNSHIP – TEMAGAMI AREA – ONTARIO



2 OF 2



VERTICAL SECTION OF

D. D. HOLE Nº 1

SHOWING DEFLECTION OF HOLE

AND

GENERALIZED GEOLOGY

PICKLE CROW MINES LTD.

AARDO TOWNSHIP — TEMAGAMI AREA — ONTARIO

SCALE: 1 INCH = 100 FEET

1" = 100 FT

FOR DD LOG OF #3
#7
#8

SEE PARDO - 0011

VERTICAL SECTION OF

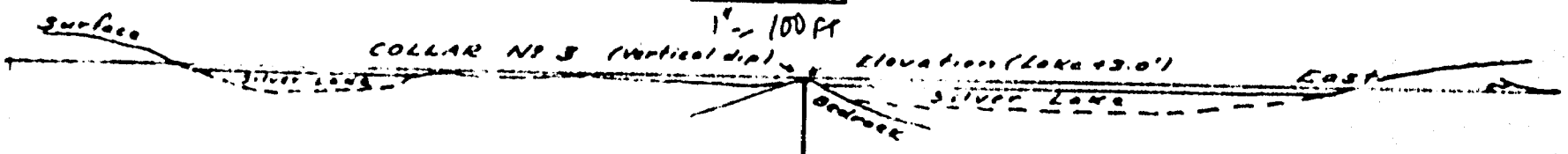
D.D. HOLE No 3

PICKLE CROW GOLD MINES LTD.

PARDO TOWNSHIP. TEMAGAMI MINING AREA - ONT.

Scale: 1 inch · 100 feet

1" = 100 FT



DIP TESTS

@ 400' - 86°
@ 600' - 83°
@ 800' - 81½°
@ 800' - 78°
@ 1000' - 75½°

LOCATION:

Approx. 800' N.E. of dam at foot of Silver Lake

LEGEND

Lorrain Series Sediments

- Quartzite with local quartz pebble strings

Cobalt Series Sediments

- Slate, greywacke, conglomerate and grit

Mississagi Series Sediments

- Slate, greywacke and quartzite
- Mineralized quartz pebble conglomerate

Keewatin Series

- Volcanics and sediments

Impure quartzite (Lorrain)

Pebble string

Pebble string

Pebble bed (SAMPLE 1.5' x 0.01 oz Au 0.005% U_3O_8)
Pebble string

2° quartz vein at contact (At about right angles to core)
Slate-greywacke bed

Slate-greywacke bed

Slaty bed

Conglomerate (cobalt)

Greywacke with grit bands

Grit (Clastics) Close packed small angular to poorly rounded chert and quartz fragments
Greywacke

Impure quartzite

Greywacke

Slate-greywacke

N78 — 5.0' x 0.005% Au 0.06% Cu: 0.003% U_3O_8
N80 — 2.5' x TR Au 0.06% Cu: 0.006% U_3O_8

Impure quartzite (Hard siliceous rock
Quartz pebble conglomerate (5% pyrrhotite, some chalco)
Basement rock. (Greywacke-like, slightly schistose)
End of hole, 1095'

COLLAR N17 → East

DD Hole #7

Scale: 1" = 100 Ft

DIP

Vertical at collar

LOCATION

4900' N 60° W of dam at foot of Silver Lake (173' N of road junction) Claim S.B1593

LEGEND

Lorrain Series Sediments

- Quartzite with local quartz pebble stringers

Cobalt Series Sediments

- Slate, graywacke, conglomerate and grit

Mississagi Series Sediments

- Slate, graywacke and quartzite
- Mineralized quartz pebble conglomerate

Keewatin Series

- Volcanics and sediments

Surface

- Quartz pebble bond
- Lorrain quartzite
- Quartz pebble bond
- Quartz pebble bond, some pyrrhotite
- Assorted pebbles
- Assorted pebbles
- Few quartz pebbles
- Slate (dense grained, grey massive rock)
- Impure quartzite with grit bands (Bottom of Cobalt Series?)
- Impure quartzite. (Hard, glossy rock)
- Slate (Thin banding at 45° to core)

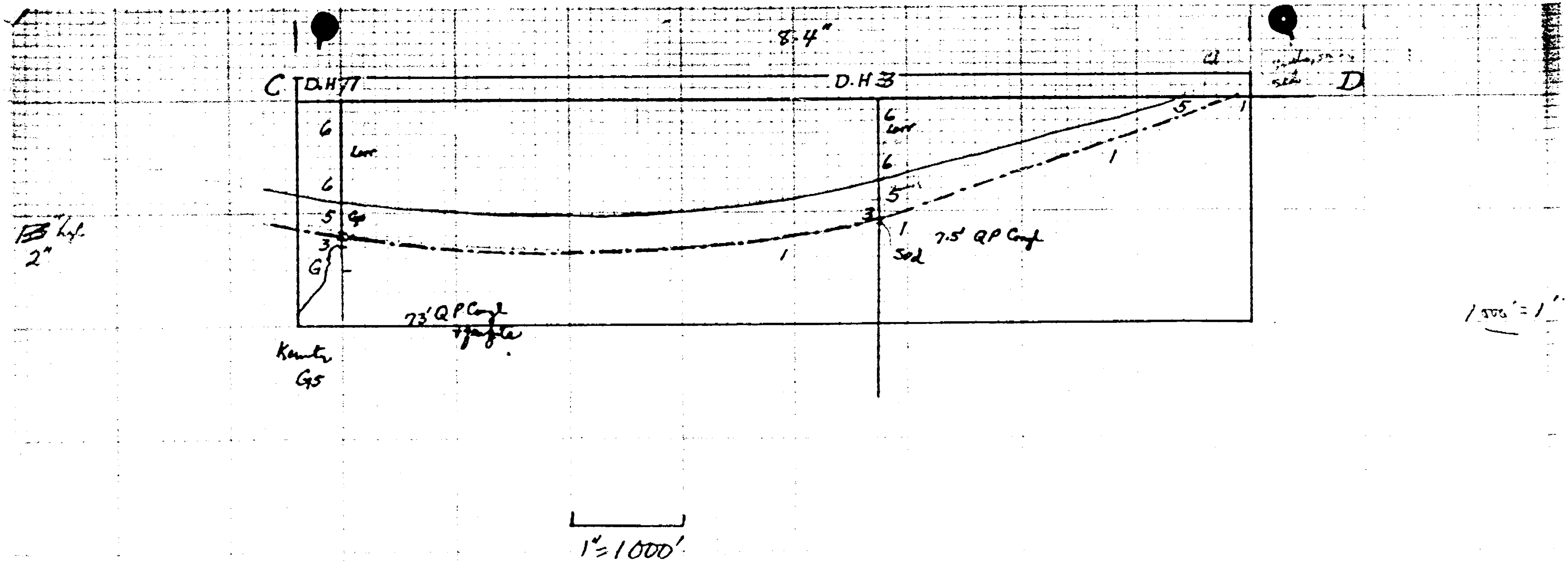
1162.6' — 5.4'x Tr Au; 0.006% U_3O_8
3.1'x 0.005 oz Au 0.003% U_3O_8
5.3'x 0.005 oz Au 0.003% U_3O_8

73' Approx.

1235.0' — 2.0'x Tr Au 0.009% U_3O_8

- Fragmental bed (Silicification and fragments up to ½")
- Mississagi quartz pebble conglomerate (well mineralized)
- Impure quartzite
- Quartz pebble conglomerate (well mineralized)
- Impure quartzite (with stringers of pyrite)
- Conglomerate (irregular fragments in quartzite)
- Impure quartzite (few pyrite streaks
- Quartz pebble conglomerate (Some pyrite)
- Quartz pebble conglomerate (well pyritized)
- Impure quartzite
- Keewatin greenstone (Carbonated and sheared @ 30° to core)
- End of hole 1292.0'

PICKLE CROW GOLD MINES L.



8.4"
C
D.H 7
D.H 3
D
6
6
5
3
G
6
6
5
3
1
5
1
1
1
7.5' QP Cong
2"
Kentz
G5
1"=1000'

VERTICAL SECTION OF

D.D. HOLE No 8

PICKLE CROW GOLD MINES LTD.

PARDO TOWNSHIP, TEMAGAMI MINING AREA - ONT.

Scale: 1 inch = 100 feet

1 1/2 / 100 FT

COLLAR No 8 (Vertical dip)

East

surface

Impure quartzite (Few well rounded quartz pebbles)

LOCATION

5000' N 28° W of dam at foot of Silver Lake (75' W. of road approx.)

Slate (Dense grained)

Impure quartzite (Cobalt formation)

Cobalt conglomerate (Granite pebbles up to 2")

Impure quartzite

Grit (Angular fragments up to 3" at base)

Impure quartzite (Grey)

Slate (Dense grained grey to green)

Impure quartzite (Few quartz fragments)

Mississagi quartz pebble conglomerate (Well pyritized)

Impure quartzite (Some pyrite. Narrow grit bands)

Keewatin greenstone (Carbonated and sheared. Shearing at 60° to core)

End of hole, 650.0'

LEGEND

Lorrain Series Sediments

Quartzite with local quartz pebble stringers

Cobalt Series Sediments

Slate, greywacke, conglomerate and grit

Mississagi Series Sediments

Slate, greywacke and quartzite

Mineralized quartz pebble conglomerate

Keewatin Series

Volcanics and sediments

NOTE:

Depth of Mississagi Quartz Pebble Conglomerate

534.5' to 575.0' (40.5' Thickness of bed)

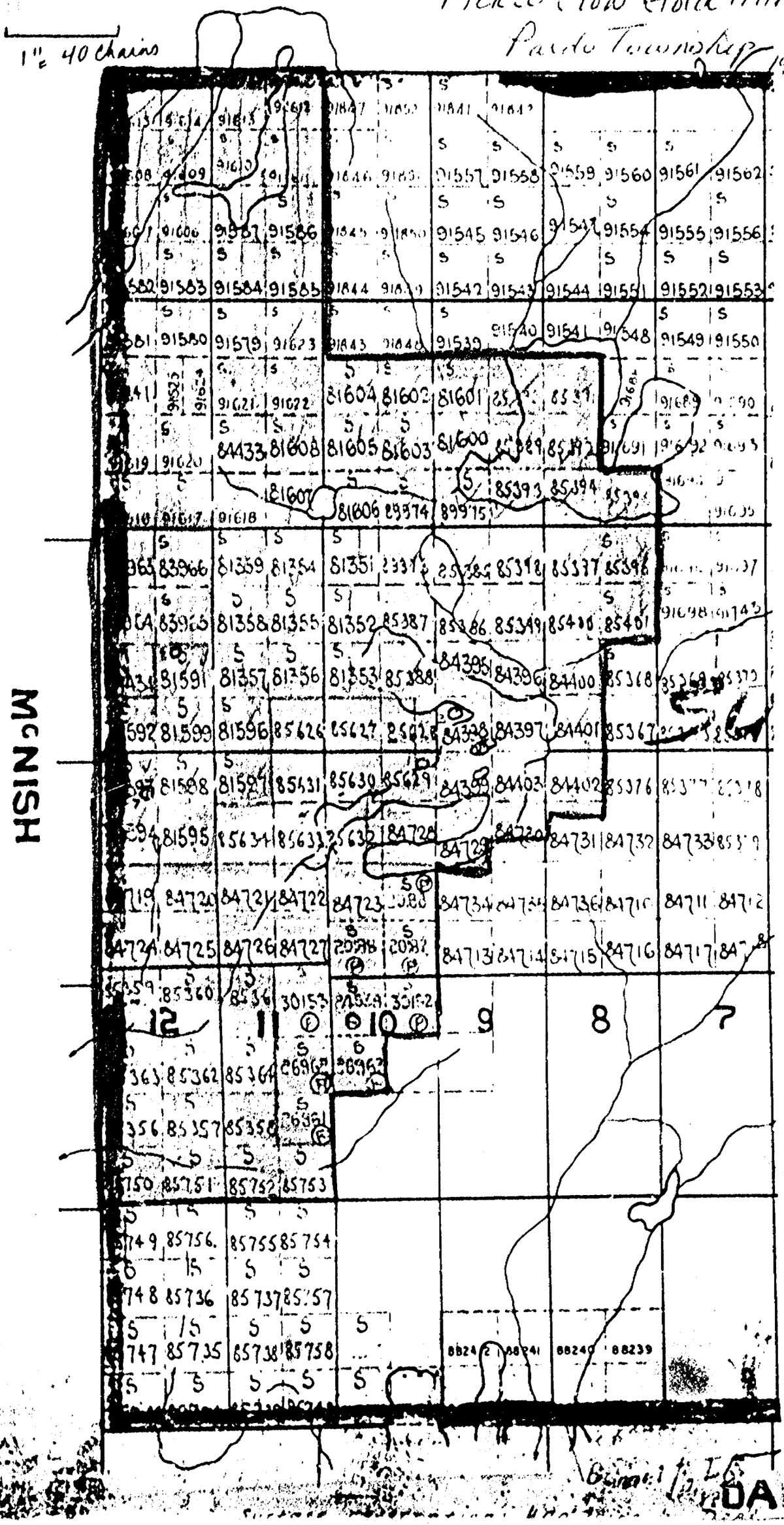
SAMPLES

4.5'	0.005 oz.	Au	0.004% U_3O_8
2.5'	Trace	Au	0.006% U_3O_8
4.5'	0.035 oz.	Au	0.006% U_3O_8
5.0'	0.08 oz.	Au	0.00% U_3O_8
5.0'	0.005 oz.	Au	0.00% U_3O_8
5.0'	0.005 oz.	Au	0.004% U_3O_8
5.0'	Trace	Au	0.001% U_3O_8

Pickle Crow Gold Mines

Paudash Township 1956

1" = 40 chains

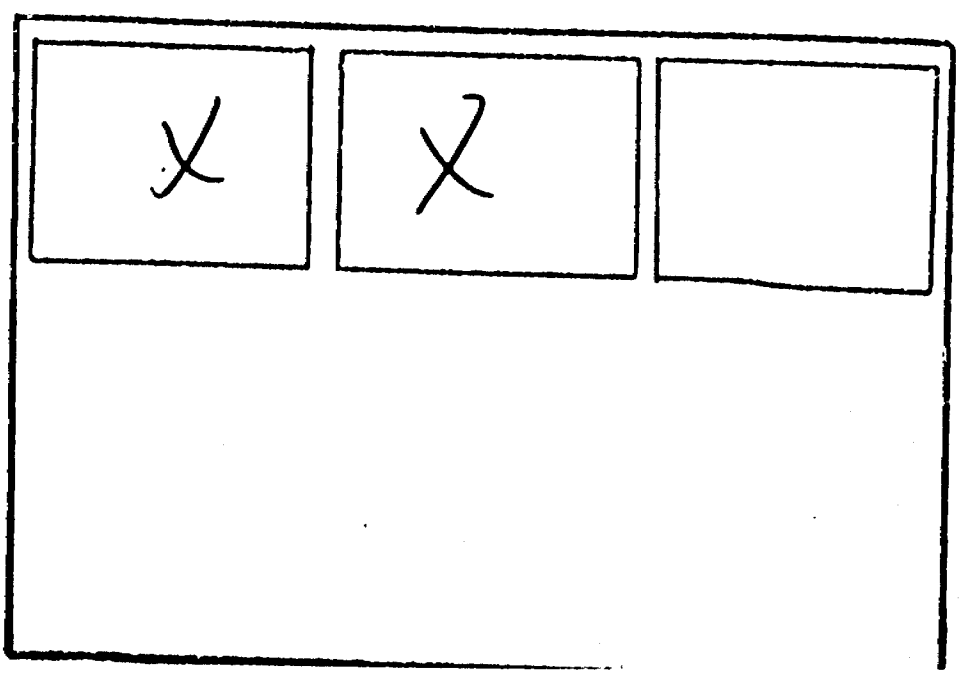


SEE ACCOMPANYING MAP(S) IDENTIFIED AS

PARDO -0013 #1

#2

LOCATED IN THE MAP CHANNEL IN THE FOLLOWING SEQUENCE (X)



LOT 12 LOT 11 LOT 10 LOT 9 LOT 8

CONCESSION VI
CONCESSION V
CONCESSION V
CONCESSION IV

McNISH TOWNSHIP
PARDO TOWNSHIP

Ground Lake Road

N.

PICKLE CROW CAMPS

C-19 A 1620'

LAKE

D.D.H. #
A-2 N. 60° E. 38°
D.D.H. # A-1 N. 60° E. 38°
D.D.H. # A-3 (vert.)

D.D.H. # C-D (Incl.)
D.D.H. # C-D (vert.)

N 81½° E

#1 S. 89373
Abandoned

D.D.H. # B-4-S
38°

B-4-S
3040'

I.Z.M. Vert 483.0

D.D.H. # E-D (Vert.)

E LINE

BASE

P.165

1½ miles to River Valley

I. 335 Vert 482.0

M365

SILVER LAKE

LEGEND

QUATERNARY

Recent and Glacial
- Sand, clay etc.

PRE-CAMBRIAN

Keewatinian
- 1' Olivine diabase
- 1 Porphyritic granite
- 2 Granite gneiss
- 3 Diorite etc.
- 4 Alkaline diabase
- 5 Feldspar porphyry

Cobalt Series
- 6 Greywacke conglomerate slate and quartzite

Sudbury Series (?) (Mississagi)
- 7 Quartzite
- 8 Quartz-biotite gneiss

Keewatin
- 9 Greenstone

SYMBOLS

- Boundary of rock outcrop
- Indicated fault (Lineals from air photo)
- Trail or portage
- Road
- Building
- Strike and dip of bedding
- Strike of vertical bedding
- Strike and dip of shear, foliation etc.
- Diamond drill hole
- Picket Line
- Claim corner

NOTE: Topographic features from air photo

PICKLE CROW MINES LIMITED

PROPERTY HOLDINGS IN PARDO TOWNSHIP

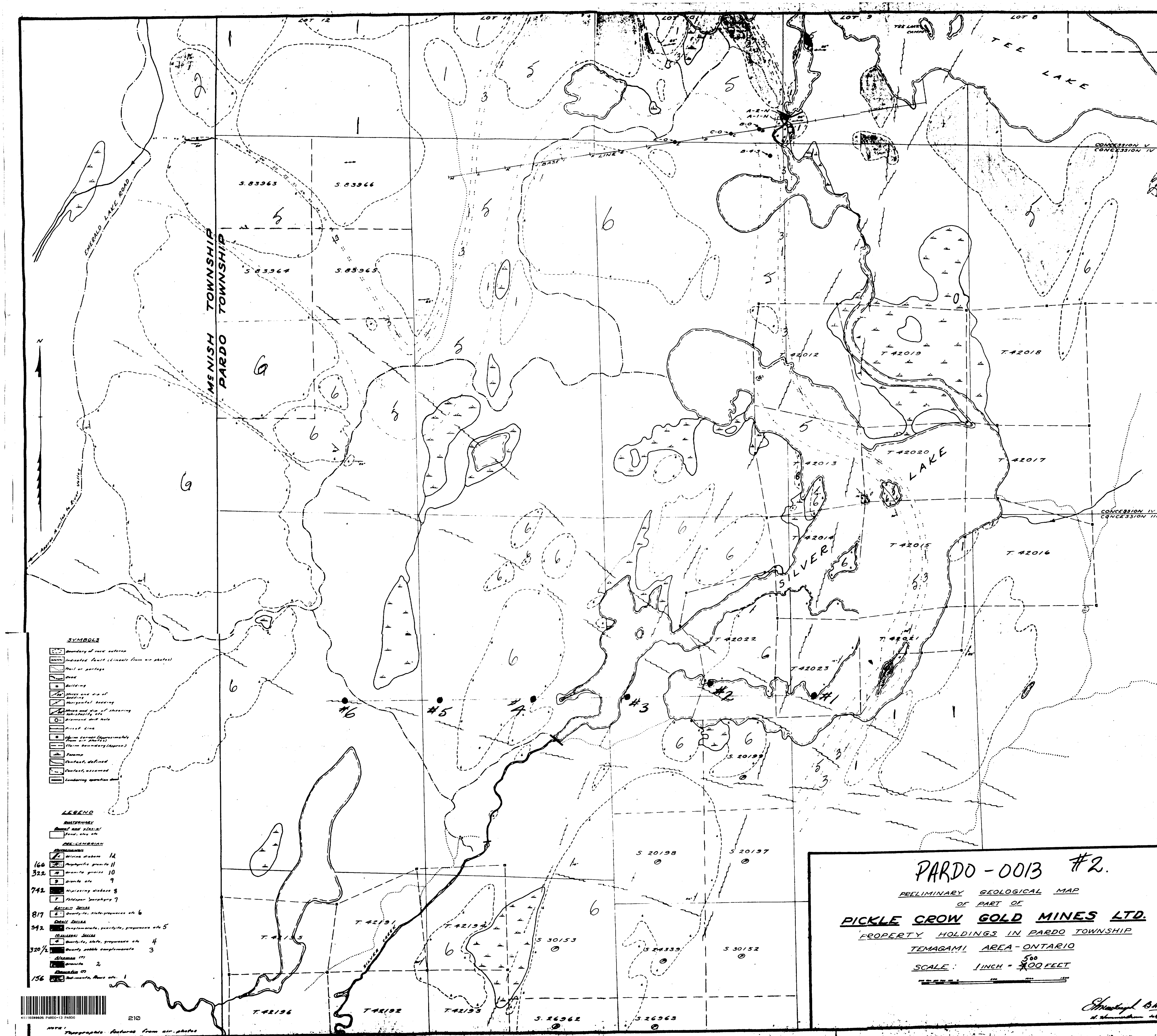
TEMAGAMI AREA — ONTARIO

SCALE: 1 INCH = 400 FEET

400 200 100 0 400 800 1200 1600 2000

Feb. 1956

PARDO - 0013 #1



41116SW0026 PARDO-13 PARDO

210