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Mr. Walter Maybank, Manager
Exploration Department
Little Long Lac Gold Mines Ltd.
Suite 602, 199 Bay Street
Toronto 1, Ontario

Work Report on
W. Nichol Option
Macbeth Township, Ontario.

Property

This claim group consists of 16 unpatented mining claims located in the unsurveyed townships of MacBeth and Clement in the District of Sudbury, Ontario. They are numbered 111669-111670-109370-109371-102986-112988-112989-112990-112991-112992-112993-112994-112995-40932-40933 and 102137. The claims are contiguous. All claims are recorded in the name of W. H. Nichol of 184 Lake Street, North Bay, Ontario.

Access

The claims are readily accessible by auto-North Bay to Field via Highways 17 and 64 and thence north-west via Highways 539 and 539A to Grassy Lake Depot. About 1½ miles past the Depot an old haulage road leads directly to Cucumber Lake and the claims.

History

No evidence was found of early work on the group. It is possible that lack of access and rather rugged topography discouraged early prospectors.

Present work started with the discovery of a quartz vein on the east shore of Cucumber Lake in 1959. A minimum of trenching and prospecting in late 1959 showed some promise. By summer of 1960 the main showing "A" on the attached sketch had been traced by eight trenches for a distance of 210 feet. Other mineralized zones, noted as 'B' and 'C' on the sketch, were also discovered and a minium of work performed.

In October 1960 the 'A' and 'B' showings were examined and sampled. Five drill holes, totalling 208 feet, tested the 'A' quartz vein.

Topography-Timber-Water

The country is generally rugged, although not too difficult for travel. Flat, high ridges predominated, often reaching 200 feet above the lakes. Drainage is south-west to to south down the Sturgeon river system.

Local timber is a mixture of deciduous and coniferous types, with

considerable birch, poplar and maple on the lower ground. Some 150 men work the local timber limit, on behalf of George Gordon Company, an International Nicekl Company subsidiary.

The typical small lakes and creeks of the northland occur. Water for domestic or industrial purposes is pure and abundant.

Geology

Little government information is available on this area, detail mapping ending at the townships to the southward. From observation, the lower strats consist of Precambrain inter-bedded intermediate lavas and siliceous iron formation. To date, all values have been found in this lower formation. The lower complex is overlain by Cobalt sediments, which is in turn capped in many locations by relatively flat-lying Nipissing diabase. The latter forms the common ridge-and-cliff feature of the area.

As the purpose of our work was evaluation, little was done regarding structural or economic geology. However, a postulation on structure seems pertinent. A line drawn through Cucumber Lake, and extended some five miles northward would pass through the Golden Rose Mine, developed some years ago by Consolidated Mining and Smelting Company. This line has a surface expression in low depressions at each end of the lake. It is suggested that gold values may be associated with this possible 'break'.

Sampling

Forty-three samples were taken by the undersigned; twety-five of diamond drill core, thirteen of the quartz vein at 'A' showing and five of the 'B' area. A sample record is attached, plus dimaond drill logs of the five logs.

Summary and Recommendations

A study of the erratic values obtained in this preliminary work is discouraging at first glance. However, only two limited zones have been examined to date and the irregular distribution of visible gold is definite encouragement.

Two recommendations are pertinent. First, that the minimum option payments be made, thus holding the ground until November 15th, 1961. Second, that the area be competently prospected in the 1961 season. Besides the area in the vicinity of the A-A-C showings, the ground between here and the Golden Rose Mine should be prospected as outlined on the attached sketch. Further work will be dependent on results.

Respectfully submitted,

Toronto, December 6, 1960

E. H. Spencer

Mr. Walter Raybank, Manager,
Exploration Department,
Little Long Lac Gold Mines Limited,
Suite 602 - 199 Bay Street,
Toronto 1, Ontario

Work Report
on
W. Nichol Option
Macbeth Township, Ontario

Property

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In October 1960 the 'A' and 'B' showings were examined and sampled. Five drill holes, totalling 208 feet, tested the 'A' quartz vein.

Topography-Timber-Water

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Two recommendations are pertinent. First, that the minimum option payments be made, thus holding the ground until November 15th, 1961. Second, that the area be competently prospected in the 1961 season. Besides the area in the vicinity of the A-B-C showings, the ground between here and the Golden Rose Mine should be prospected as outlined on the attached sketch. Further work will be dependent on results.

Respectfully submitted

Toronto, October 6, 1960

K. M. Spencer

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SAMPLE REPORT
NICHOL OPTION
MACBETH TWP. ONTARIO

Sample No.	Trench No.	Width	Description	Assay oz. Gold
112	3	30"	Quartz-sparse, pyrite minor iron oxide.	0.29
113	3	10"	Andesite-NW, trace pyrite and pyrrhotite.	0.01
114	4	24"	Andesite-FW, bleached considerable disseminated pyrite.	0.12
115	4	22"	Quartz-minor pale pyrite	0.05
116	4	12"	Andesite-HW,6" at contact cherty,disseminated pyrite	0.01
117	5	12"	Andesite-FW,bleached,¼ quartz, disseminated pyrite.	0.18
118	5	11"	Quartz-trace pyrite.	0.01
119	5	12"	Andesite-FW, trace pyrite	0.01
120	6	12"	Andesite-FW,broke, highly oxidized.	0.04
121	6	12"	Quartz-trace pyrite	1.76
122	6	12"	Andesite-HW, trace pyrite	0.05
123	7	6"	Quartz-lightly oxidized.	0.04
124	7	12"	Andesite-HW,fractured, lightly oxidized.	0.01
139		5.0'	Chips from the exposed dip surface of a quartz vein, 6"+in thickness, no hangwall, azimuth 305°, dip 45°NE, about 500' eastward from the beaver dam on lower Cucumber Lake.	Tr
140		5.0'	Located about 50' NW of No.139 across strike of a siliceous member of iron formation, some pink oxides.	Tr
141		4.0'	Chips of siliceous iron formation from trench 10' West of No.140	0.28
142		3.0'	Siliceous iron formation, lower portion of IF outcrop, located about 100' westward from No. 139	0.01
143		5.0'	Representative material from original Nichol IF pit, some quartz and minor sulphides, considerable iron oxides.	0.01

Note : no gold observed in samples.

SAMPLE REPORT
Nichol Option
MacBeth Twp
Ontario

Sample No.	Trench No.	Width	Description	Assay oz. Gold
112	3	30"	Quartz--sparse pyrite, minor iron oxide	0.29
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115	4	22"	Quartz--minor pale pyrite	0.05
116	4	12"	Andesite--HW, 6" at contact cherty, minor pyrite	0.01
117	5	18"	Andesite--FW, bleached, ¼ quartz, disseminated pyrite	0.18
118	5	11"	Quartz--trace pyrite	0.01
119	5	12"	Andesite--HW, trace pyrite	0.01
120	6	12"	Andesite--FW, broken, highly oxidized	0.04
121	6	12"	Quartz--trace pyrite	1.76
122	6	12"	Andesite--HW, trace pyrite	0.05
123	7	6"	Quartz--lightly oxidized	0.04
124	7	18"	Andesite--HW, fractured, lightly oxidized	0.01
139		5.0'	Chips from the exposed dip surface of a quartz vein, 6"+ in thickness, no hangwall, azimuth 305°, dip 45°NE, about 500' eastward from the beaver dam on lower Cucumber Lake	Tr
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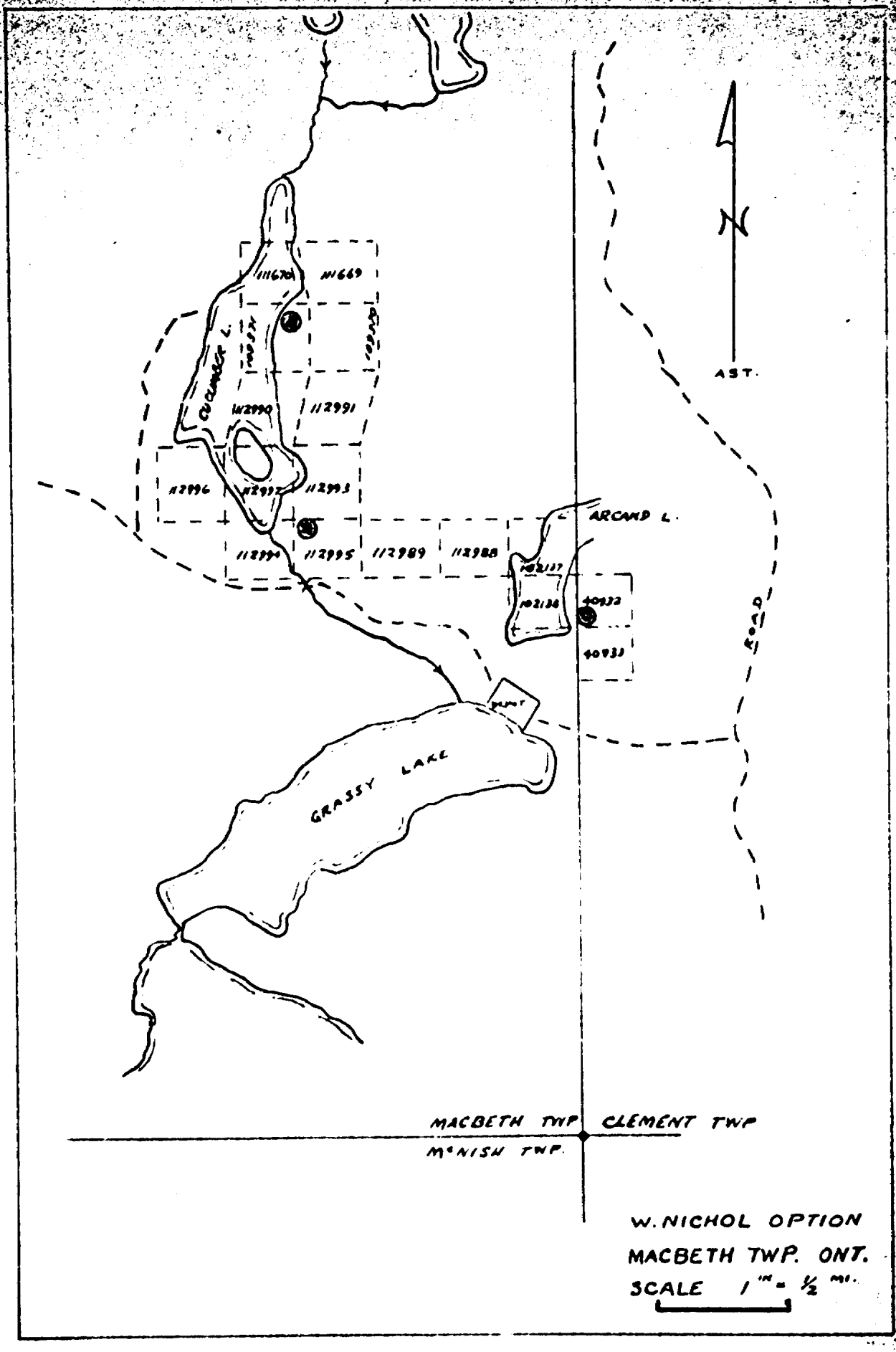
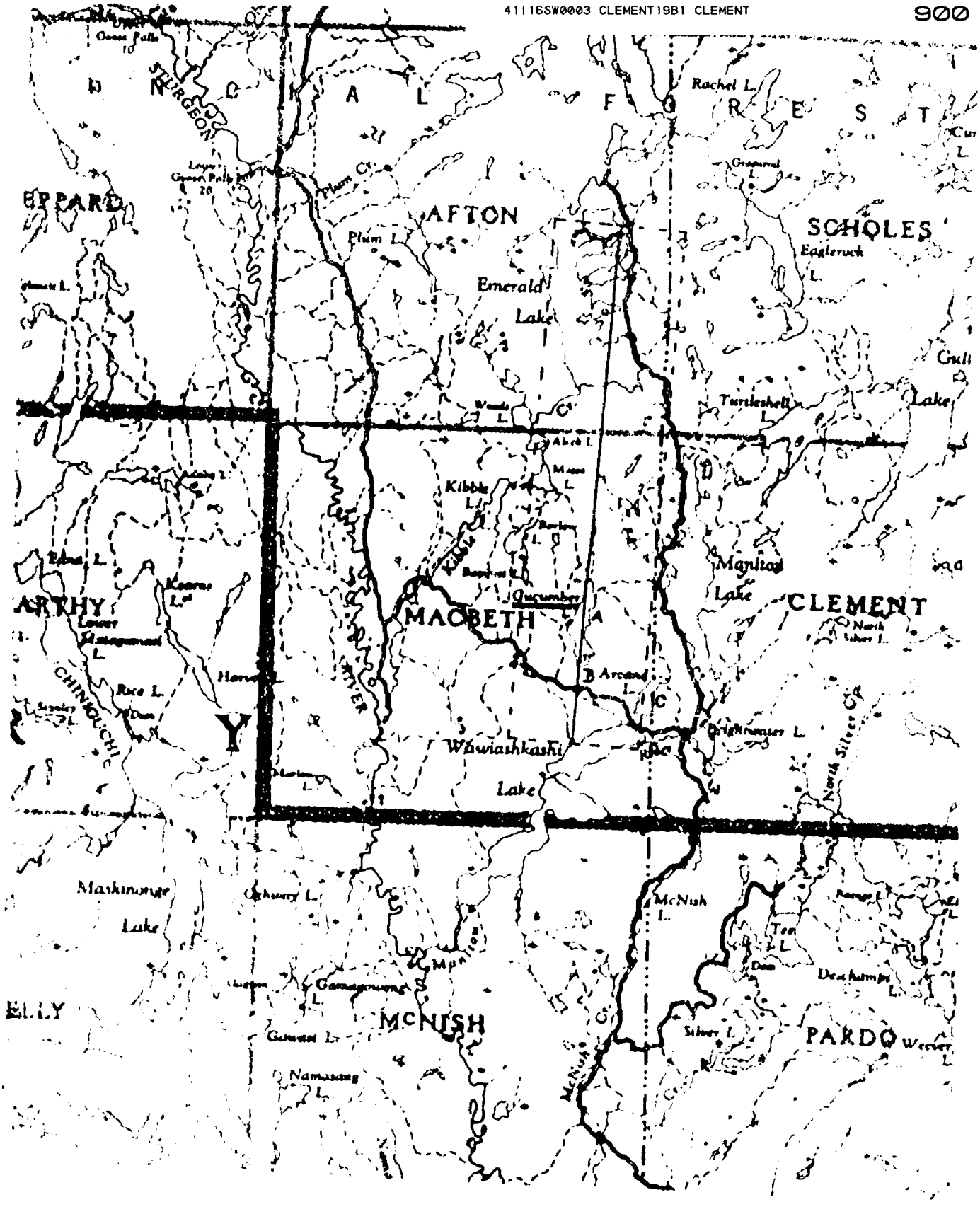

AST.
ARCAND L.
ROAD
GRASSY LAKE
MACBETH TWP
CLEMENT TWP
McNISH TWP.
W. NICHOL OPTION
MACBETH TWP. ONT.
SCALE 1" = ½ MI.



Proposed Prospecting Area
Nichol Option, Ont.

Scale 1" = 8 mi.