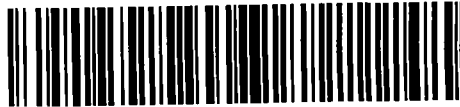


63A.462



31M04SW0108 63A.462 STRATHY

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R E P O R T

on

GEOLOGICAL MAPPING AND EXPLORATION

DORIS LAKE GROUP

STRATHY TOWNSHIP, ONTARIO

for

KEEVIL MINING GROUP

GEOPHYSICAL ENGINEERING & SURVEYS LIMITED

R. W. McGinn
R. W. McGinn.

PROPERTY

The Property consists of three unpatented mining claims in the Timiskaming Mining Division numbered as follows:-

T-52403
T-52186
T-52189

LOCATION AND ACCESS

The claims are located in Strathy Township, District of Timiskaming. The group lies three and one quarter (3 1/4) miles W.N.W. of the village of Temagami, which is 65 miles north of North Bay.

Access to the claims is easiest via a bush road, westward from Goward, three miles North of Temagami, which passes close to the northwest corner of the group.

GENERAL GEOLOGY

TABLE OF FORMATIONS

-	<u>PRECAMBRIAN</u>	
	Pre Algoman (?)	- metadiabase meteperidotite sheared diabase
	Reewatin	- Rhyolite, carbonate and sericite schists
-	<u>QUATERNARY</u>	
	Pleistocene	- Boulder - gravel overburden with a thin recent layer of sand, gravel and peat.

GEOLOGY

In general the acid volcanics are made up of rhyolitic flows and carbonate and sericite schists. This member varies from massive

GEOLOGY Cont'd.

lava type to pyroclastic and is not uniform in composition. The degree of dynamic metamorphism greatly affects the lithology.

The rhyolite where massive exhibits a rusty weathered surface but is quite resistant to weathering as in the southwest corner of the claim group. Where it has been heavily sheared to the north and east it is deeply weathered. On the accompanying map the massive and lightly sheared rhyolites are shown separately, but the highly sheared and altered rhyolites are shown as part of the shistose volcanics. The rhyolite is anywhere from grey to greenish in color and sometimes tends to be slightly porphyritic with quartz phenocrysts.

The carbonate and sericite shists are principally highly altered, sheared rhyolites. The schist is generally deeply weathered and very rusty and varies in color from light brown to dark grey.

The Pre Algoman (Haileyburian) exposures are dark green, sheared and grouped as metaperdolite and metadiabase. These rocks are heavily weathered and as such not many good exposures were found.

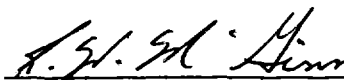
STRUCTURE

The only structural feature noted during the mapping is the shearing, striking just north of east and dipping steeply to the south.

MINERALIZATION

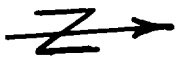
There were only three occurrences of mineralization noted during the mapping as shown on the accompanying map. These occurrences were in quartz-carbonate filled shears with the mineralization predominantly pyrite with some arsenopyrite noted.

November 10, 1965.



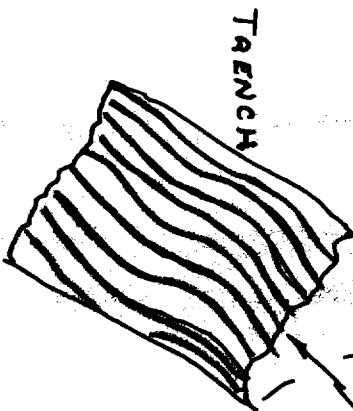
R.W. McGinn

J.P.



py showing N.E. of
Baseline & line 10w

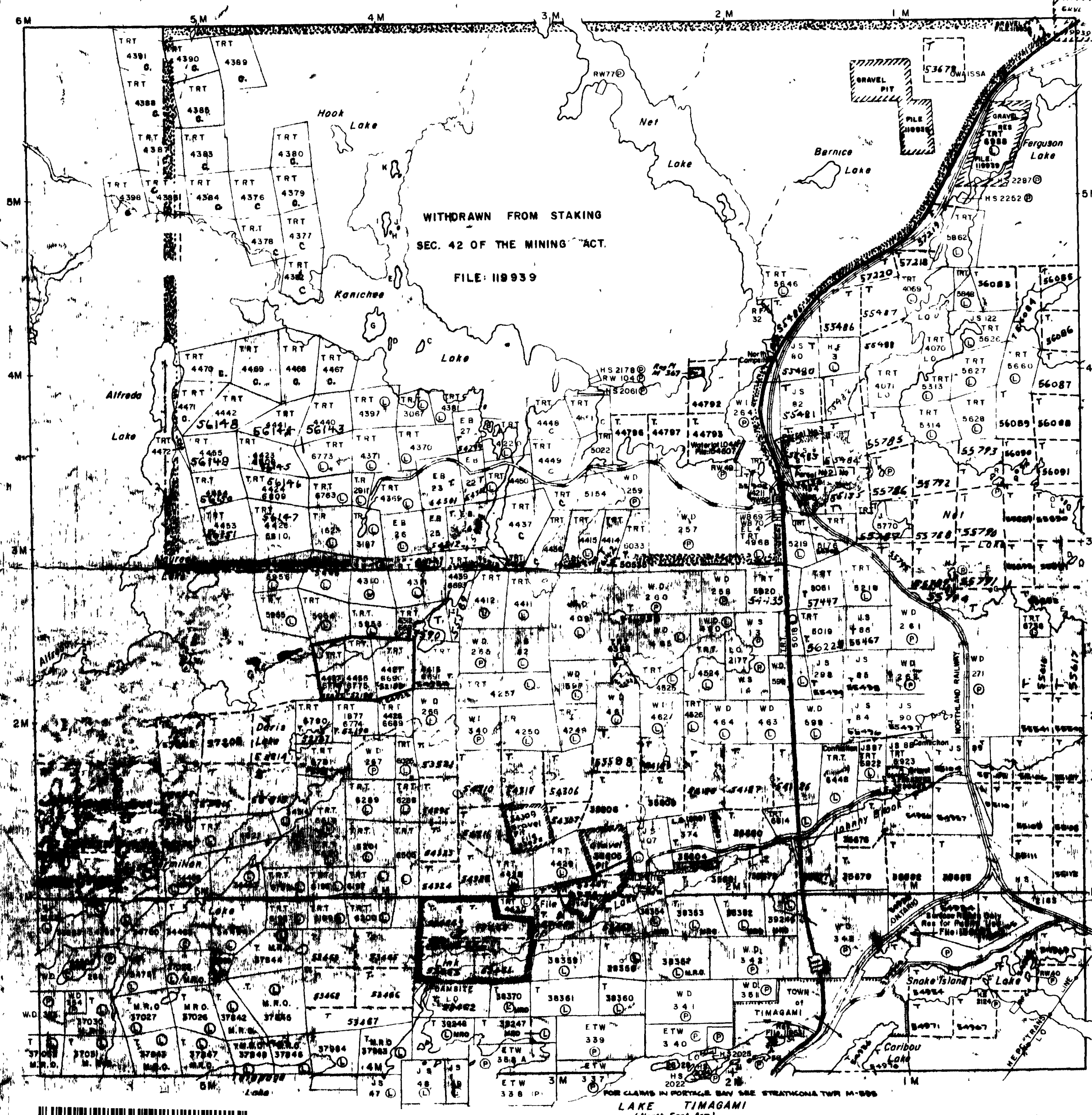
SCALE 1" = 10 FT



TRENCH

shearing $\frac{1}{4}$ " to $\frac{1}{2}$ " py, arsenopyrite
on shears.

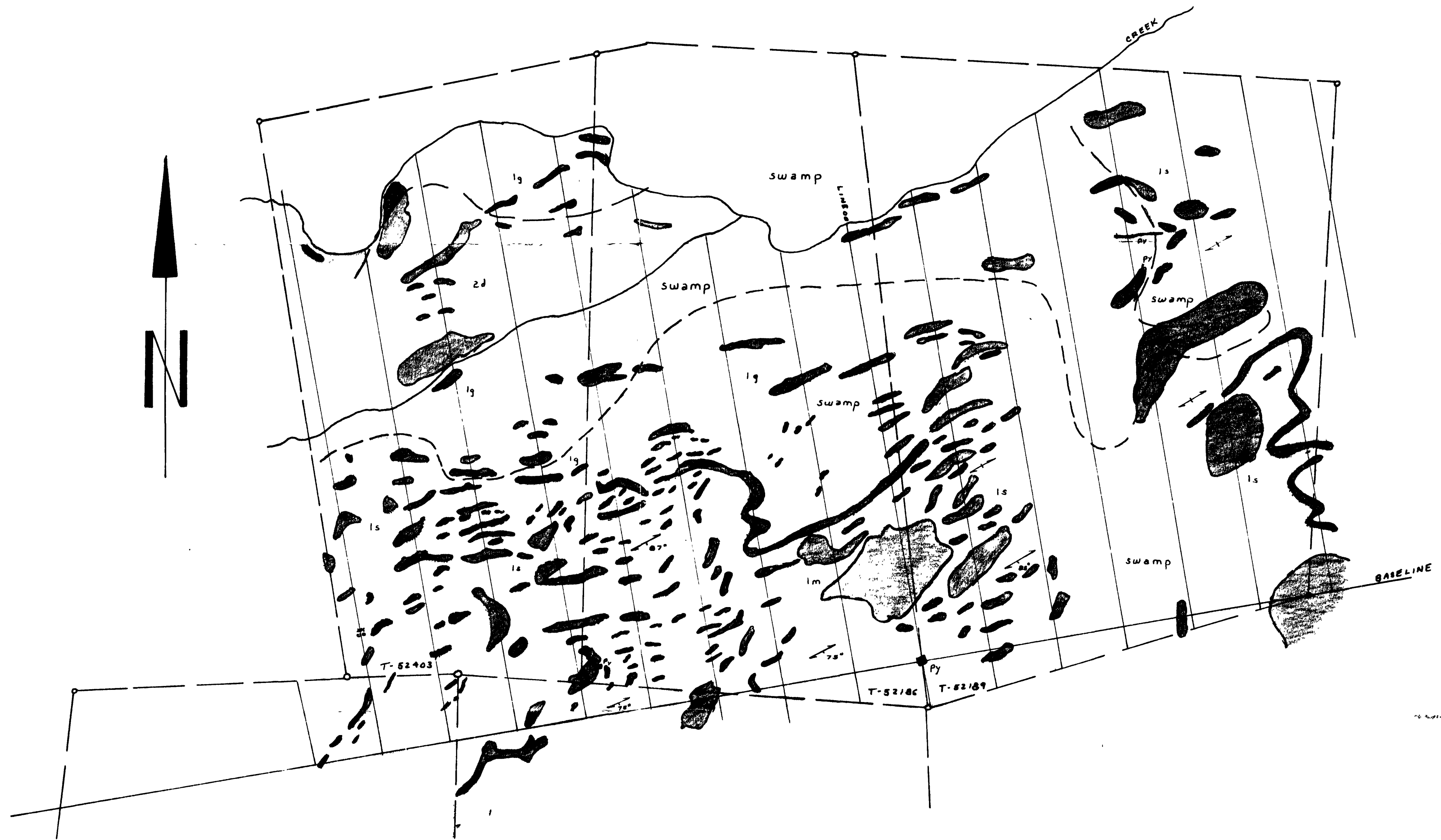
Rising to the



WITHDRAWN FROM STAKING
 SEC. 42 OF THE MINING ACT.
 FILE: H9939

FOR CLAIMS IN PORTAGE BAY SEE STRATHCONA TWP M-808
 LAKE TIMAGAMI
 (North East Arm)





LEGEND

Py - mineralized zone - mainly pyrite

- strike & dip of shearing

- rock outcrop

- geological boundary, assumed & approx.

- small shear - vertical dip

Rhyolite - creamy, dense sheared - 1s
 - creamy, unshaded - 1m
 - greenish, sheared - 1g

metadiabase 2d
 metaperidotite 2p

GEOLOGY
 OF
DORIS LAKE GROUP
 TOWNSHIP OF STRATHY
 PROVINCE OF ONTARIO
 FOR
KEEVIL MINING GROUP

SCALE: 1 INCH = 200 FEET

NOVEMBER 1965	N.T.S. 31 M/4	Drawn by R.W. McGinn G.E.S. Ltd.
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R.W. McGinn

