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AFO 63.4292

OM 83-6-I-12 (Allan Hill)

EP EXTENDER PRODUCTS LIMITED

#63-4292

6365 Northwest Drive, Mississauga, ONTARIO L4V 1J8
Tel: 416 677 8515

MINISTRY OF NATURAL RESOURCES
RECEIVED

JUN 6 1984

THE DIRECTOR
Mining Taxation &
OMEPA Office

Application for Grant - to accompany No. OM83-6-1-12

Preliminary Report

Reference - Property comprises claims MR9915, MR8106, 8107, 8108;

located in eastern Powell Township. Spokesman for the vendors (owners) is Mr. Bob Peters. Property is controlled by Allan Hill.

Historical - Incomplete records and word of mouth indicate minor production or bulk sampling was conducted and economic quantities of gold were recovered. Also drill logs exist from work done in the 1930-40 period which show gold intersections.

Reconnaissance of the property is recommended.

This work indicated rock formations within the claim group to be similar to that on the Young Davidson Gold property located about three miles from the subject property. Also, the topography suggested the possibility of a linear depression extending through Hawley Lake which may be a fault.

It is recommended that prospecting over the claim group be undertaken, to be followed by trenching and diamond drilling to verify and expand on previous work.

A. Hill

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Geological and Diamond Drilling

Prospecting

Little outcrop occurs within the claim group. What outcrops that were located, together with the trenching, indicated the main geological features of the area to be the E.W. band of sediments. Intruded on the centre of the claim group is a syenite porphyry body. The porphyry does not, where observed, have the deep red colour associated with the ore bearing syenite porphyrys. Wherever the syenite porphyry was exposed it is highly sheared and shows irregular deposition of quartz and mineralization. The mineralization is principally iron pyrite with lesser amounts of galena, zinc blende and chalcopyrite. Inclusions of greywacke are visible. The porphyry appears to become more basic towards the south.

Outcrops of quartz diabase suggest a dike extending N-S about 600 ft. east of the east side of Hawley Lake.

Diamond Drilling

Drilled west at -45° to verify previous drilling - hole was drilled to 151' 10". Syenite occurred throughout the length of the hole.

Four sections that were highly sheared and had visible mineralization were assayed as follows:-

0 - 5'	0.002	ore oz./ton
35 - 40'	0.002	" "
	0.005	" "
40 - 45'	0.002	" "
80 - 85'	0.002	" "

These results showed the ore values to be insignificant.

cont. -

Hole number two was drilled west under the lake about 1500' to the north of number one. The hole was drilled to a depth of 76' 8".

Three sections were assayed as follows:-

5 - 10'	0.002	ore oz./ton
15 - 20'	0.005	" "
	0.002	" "
60 - 65'	nil	

Both diamond drill holes were located to verify previous reports. However, neither hole gave any support to the earlier data. The gold values were consistently trace or nil.

No further work is recommended.

R. M. L. i

GEOLOGICAL
SURFACE PLAN
PETERS OPTION
POWELL TWP
MATACHEWAN CNTY
SCALE 1"=300'
APRIL 1984

MR 9915

HAWLEY
LAKE

MARCH

• DDH #2

BULLDOZED
TRACK

QTZ
DIABASE

MR 8108

SYENITE

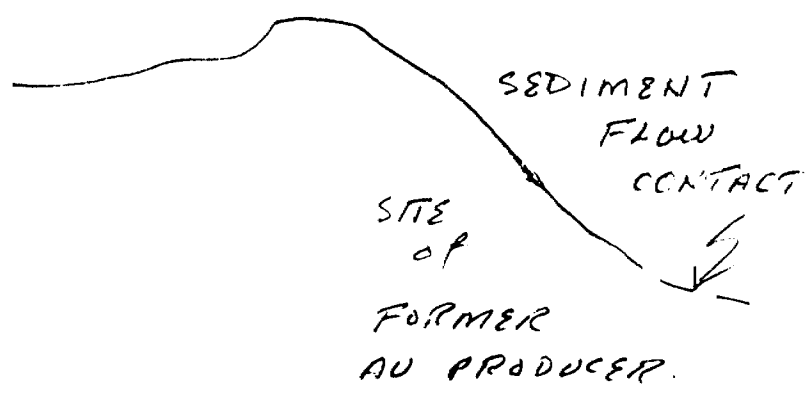
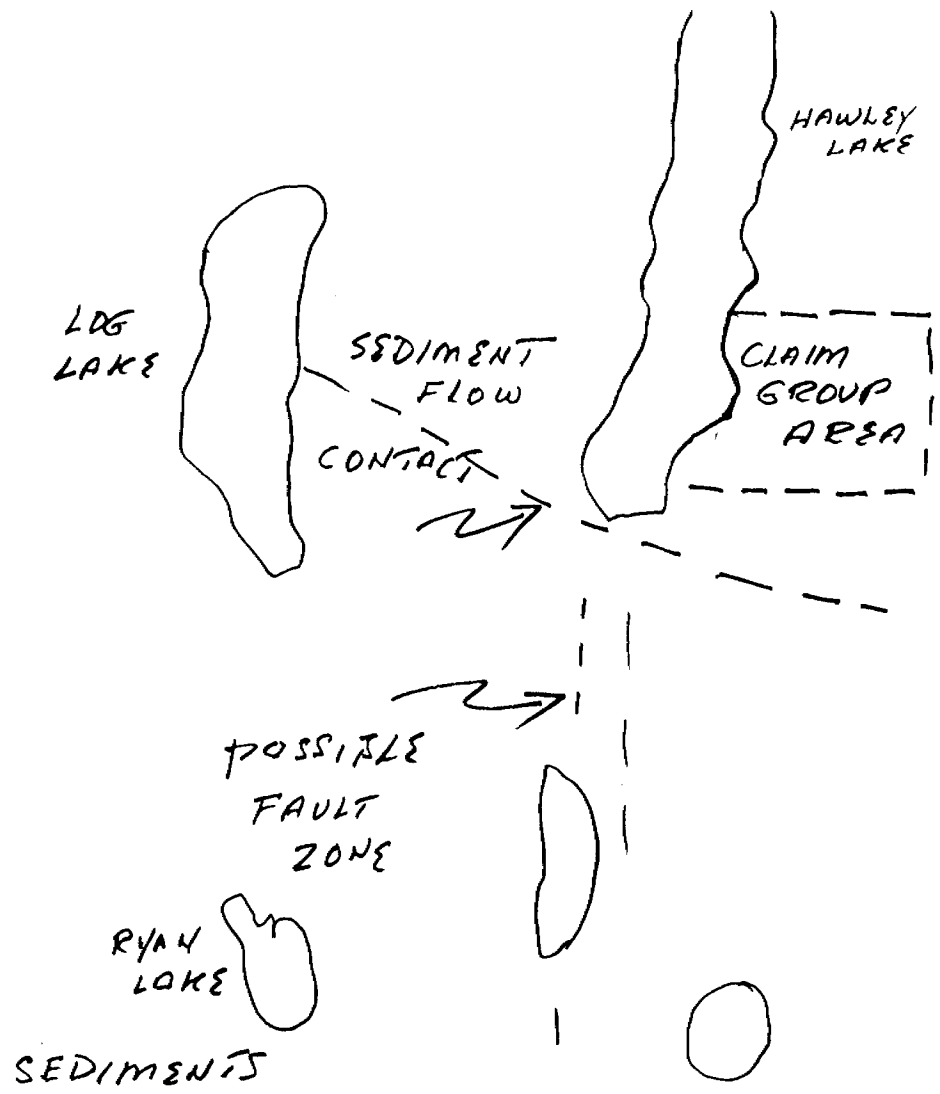
MR 8107

• DDH #1

MR 8106



Reid



POWELL TWP
 1983
 PETERS CLAIM GE