



42A01NE0303 63.3346 GRENFELL

010

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Added Drilled between April 28/75 and May 8/75 by
M. Little, Markham Ontario.

1 inch drill core. Target gold? at 500 feet

GRENFELL EXPLORATION SYNDICATE /74

Box 48,
Hillsburgh Ontario

DRILL LOCATION: Grenfell Township, 230 feet at 258 degrees from
#2 post of claim #38775. Hole bearing 290 degrees, dip 80 degrees.

FOOTAGE	ROCK DESCRIPTION	ASSAY SAMPLE #	FOOTAGE	ASSAY RESULTS AU.-OZ./TON
0-117	overburden			
117-117.5	This is a fine grained, equigranular, massive rock. It is grey-green in colour, and cut by narrow (1/8") felsic veinlets. Name: possible volcanics, or fine Seds.			
117.5-118	This rock consists of feldspar phenocrysts up to 3/4" in diameter in a fine grained equigranular massive matrix. This is cut by silicious veinlets along planes of weakness imparting a foliated appearance.			
118-330	This rock consists of feldspar phenocrysts up to 1" in diameter in a fine grained equigranular massive matrix. FELDSPAR PHENOCRYSTS- plagioclase composition -are cataclastically altered- account for 35%-50% of total rock volume MATRIX-contains some free quartz, and much feldspar, plus ferromagnesian (chlorite, some amphibole)- some feldspars are quite fresh (striations and cleavage face observed) -some feldspars altered to epidote -is fine grained (2 m.m.) equigranular. massive. SULFIDES-less than 2%-mostly pyrite COLOUR-White phenocrysts in a grey matrix This rock is cut by a few small (1/4") carbonate veinlets.	237 240 241 252 253	237 240 241 252 253	< 0.001 < 0.001 < 0.001 < 0.001 < 0.001

FOOTAGE	ROCK DESCRIPTION	ASSAY SAMPLE #	FOOTAGE	ASSAY RESULTS AU. OZ./TON
330-490	<p>This rock is very similar to the above described rock (i.e. feldspar phenos in a fine grained matrix) However there is a gradual increase in size and amount of amphibole. They occur as phenocrysts (up to 1/2") and as part of the matrix minerals. The amphibole accounts for 5%-15% of the total rock volume. Thus the rock now appears as white feldspar phenos and black amphibole phenos in a grey matrix. The percentage of the total rock consisting of phenos varies from about 70% to nearly 0%. There are narrow areas (usually less than 3') that are composed entirely of fine to medium grained, equigranular, massive rock. Generally however the rock is porphyritic with about 35%-50% of the total rock composed of phenos.</p> <p>SULFIDES: less than 2%, -mostly pyrite</p>	409	409	< 0.001
490-494	<p>The rock suddenly becomes foliated. The ferromagnesian become chloritized. The rock is cut by a series of fine calcite veinlets. This is probably not a new formation, but rather a cataclastically altered section of the porphyry.</p>			
494-511	<p>The same igneous rock as earlier described. (i.e. footage 330-490) However because the matrix minerals are becoming larger while the phenocrysts are becoming smaller, the porphyritic texture of the rock is less noticeable. Also with depth the rock appears to become more mafic and thus darker in appearance. Thus the rock has a medium grained equigranular massive matrix, with subphenos of amphibole and altered feldspar. Feldspar phenos are generally subhedral to anhedral and up to 1/2" in diameter. Amphibole phenos are subhedral and up to 1/4" in diameter..</p>			
511-539	<p>Typical feldspar, amphibole prophyty. Subhedral feldspar and amphibole phenos in a fine grained, equigranular massive, grey matrix.</p>	521	521	< 0.001
539-549	<p>The rock appears less porphyritic. It is a medium grained, massive, rock of dioritic composition.</p> <p>Total depth of hole.</p>			

*Core logged by Frank Elmquist
Oct. 20 / 75 R.P. #1
Hem. 1/4"*

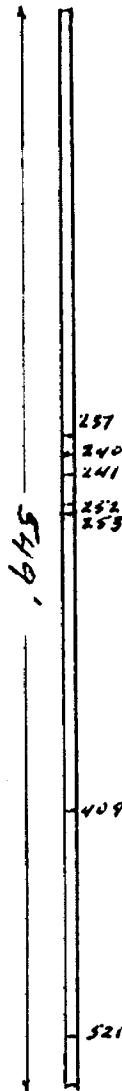
DRILL HOLE ON CLAIM 387776 GREENFELL TOWNSHIP

DRILL CORE SAMPLES ASSAYED FOR GOLD

R. ROSS BURT MGR

1" DRILL CORE

DRILL CORE
FROM 387775



WIDTH REPRESENTED BY

EACH SAMPLE APPROX 1/2 INCH

R. Ross Burt
Oct 28/75

Geological Branch ODM
ASSESSMENT FILES
RESEARCH OFFICE
FEB 27 1976
RECEIVED

63.3346

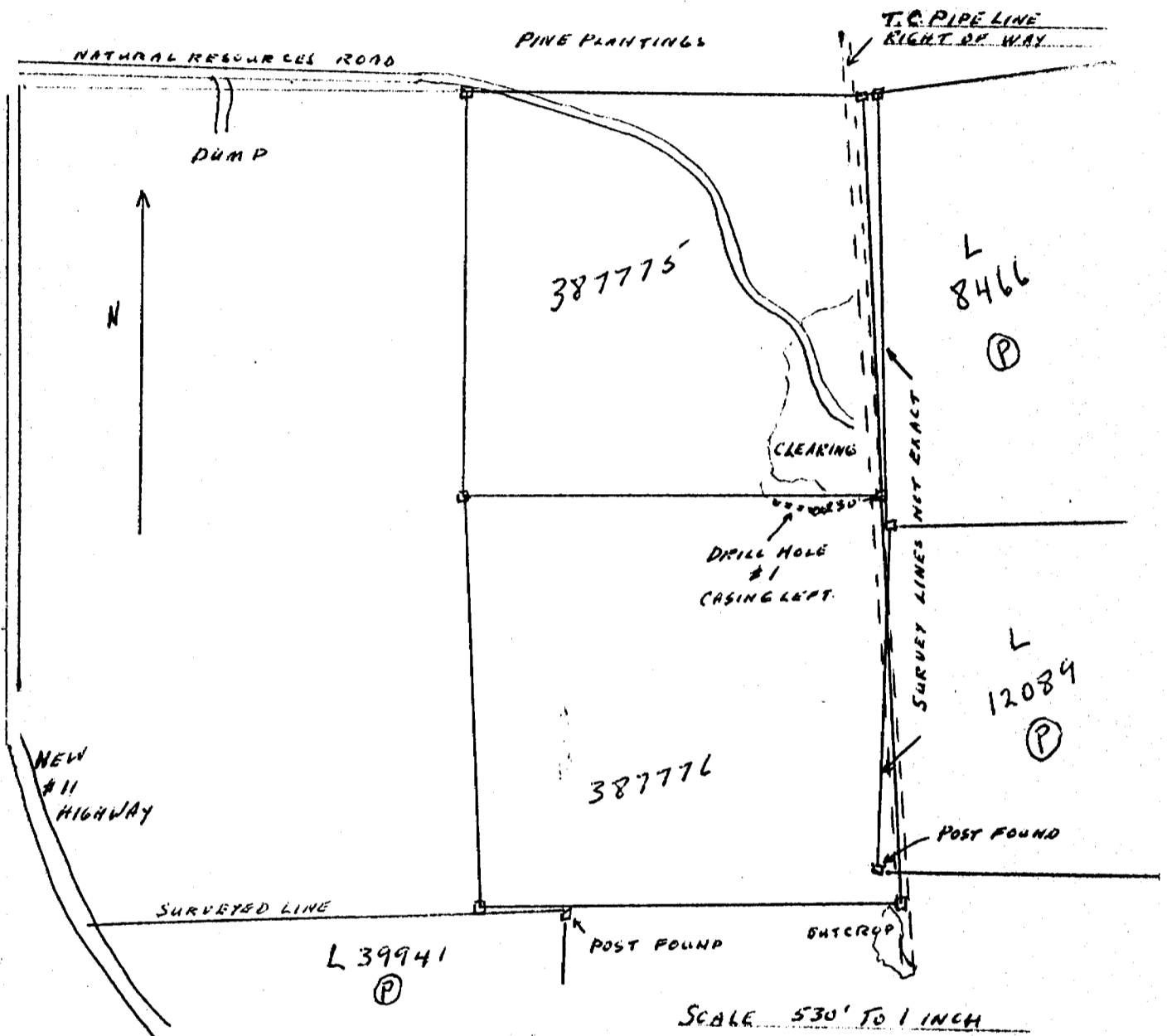
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KL-73

GRENFELL TOWNSHIP, LARDER LAKE MINING DIV.

GRENFELL EXPLORATION SYNDICATE /74 CLAIMS

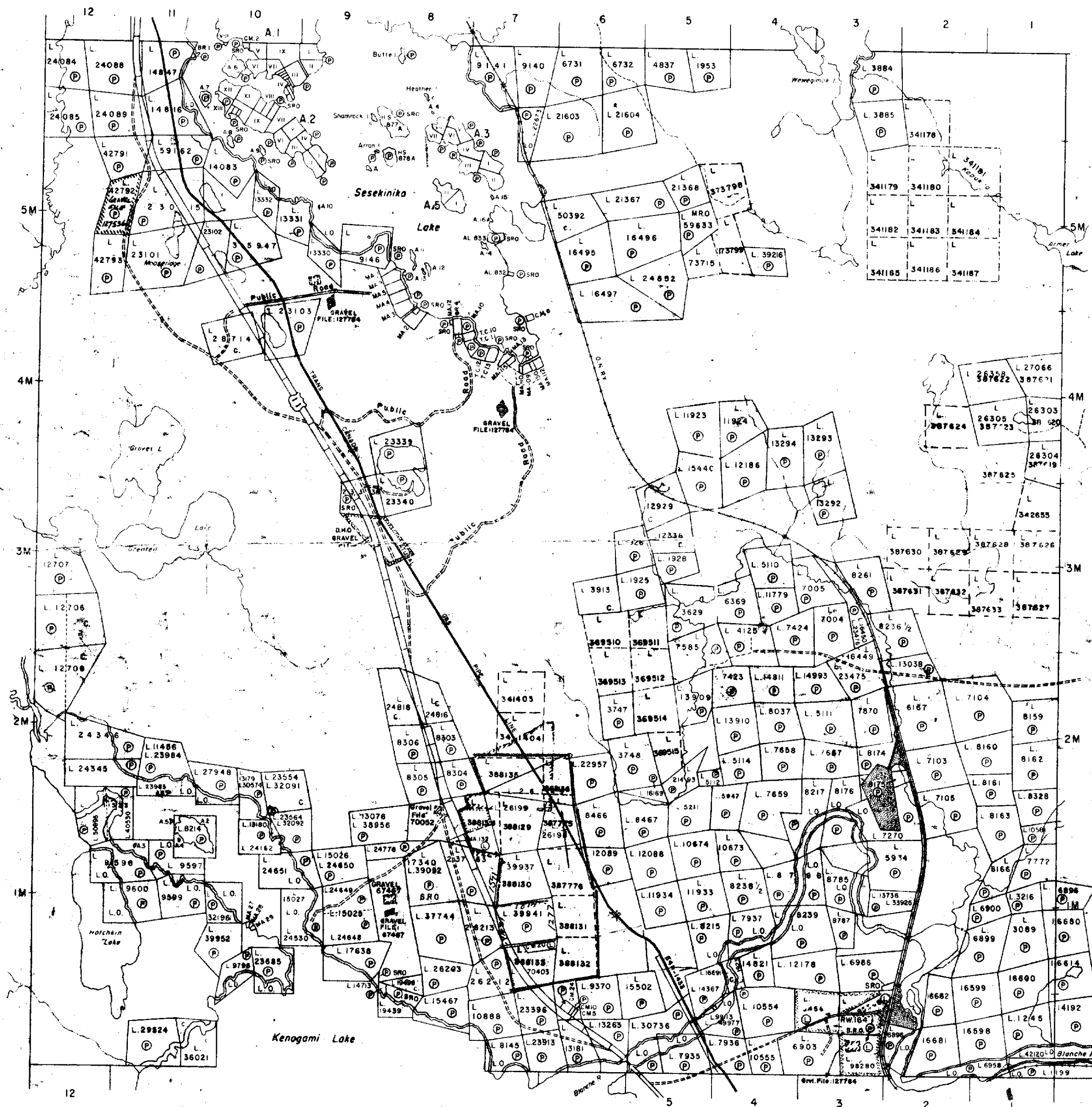
R. ROSS BURT, MGR.



DRILLED BY M. LITTLE, MARKHAM ONT.

R. Ross Burt
Oct 28 1975

MAISONVILLE TWP M-361



THE TOWNSHIP OF
GRENFELL

DISTRICT OF
 TIMISKAMING

LARDER LAKE
 MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE (C.S.)
- LEASES (L)
- LOCATED LAND (Loc.)
- LICENSE OF OCCUPATION (L.O.)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED (C)

NOTES

400' Surface rights reservation around Lakes B rivers.

Lands shown thus [shaded] patented to O.N.R. by O.C. 10 JAN. 1911.

AREA SHOWN THUS [hatched] SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING, Sec. 42 of the Mining Act. File: 27993.

Surface Rights Only on areas shown thus [cross-hatched], withdrawn from staking under Section 42 of The Mining Act. - File No. 164586.

MINING LANDS
 DATE OF ISSUE
 JAN 11 1974
 MINISTRY
 OF NATURAL RESOURCES

PLAN NO. **M-351**
 ONTARIO
 MINISTRY OF NATURAL RESOURCES
 SURVEYS AND MAPPING BRANCH

BOMBAS TWP. M-330

TECK TWP. M-392

EBY TWP. M-345

