

HISTORICAL PROSPECTING

K. G. Fenwick, P. Eng.

84 Velva Avenue, Thunder Bay, Ontario, Canada, P7A 6N5

Telephone (807) 344-6568; Fax (807) 345-0916; e:mail: kfenwick@shaw.ca

THE DORION SOUTH PROPERTY

52A - 15 SE

Dorion Township - Thunder Bay Mining Division

Possible PGE - Cu - Ni - POTENTIAL

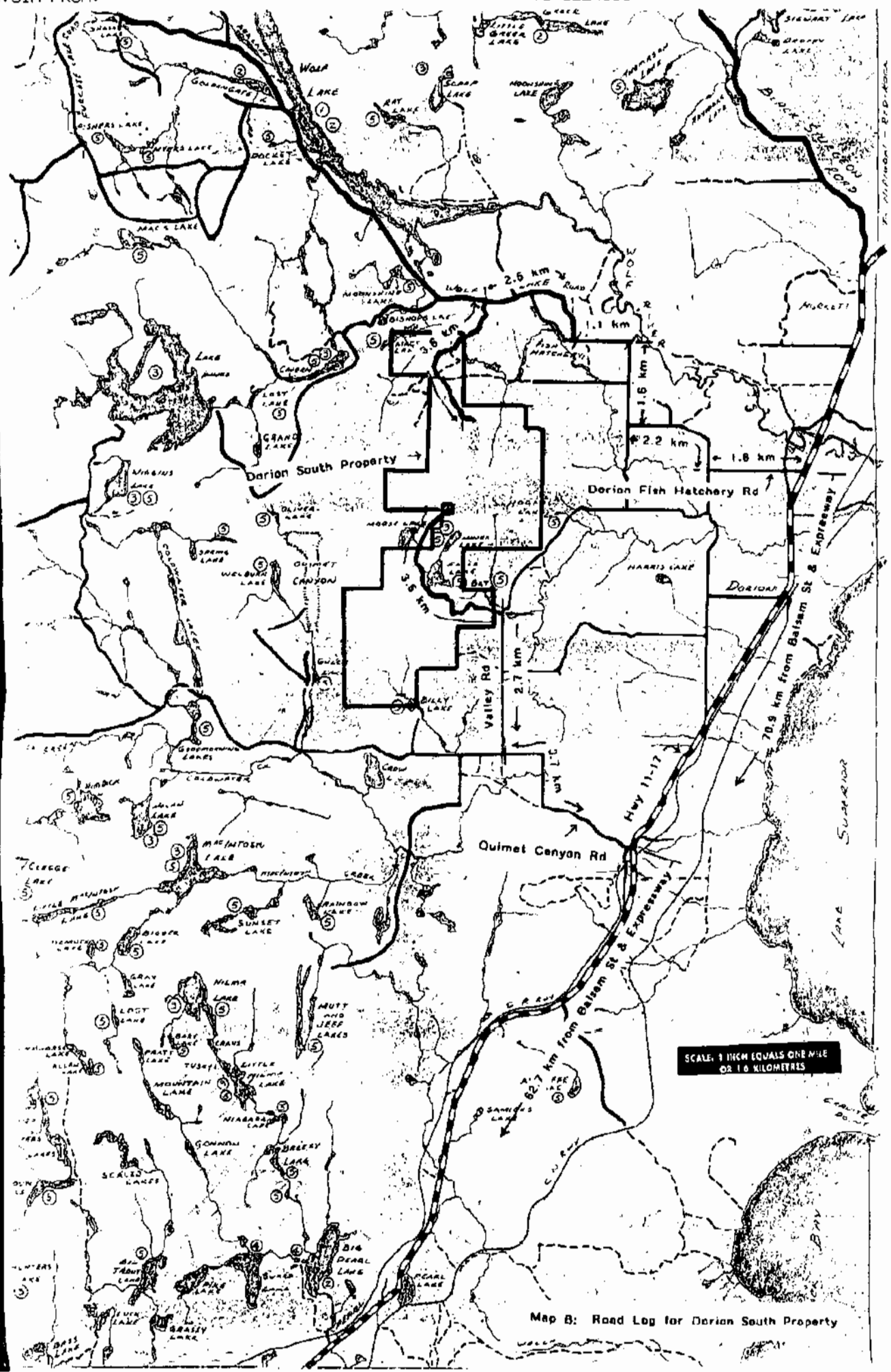
Zn - Pb - Ag - Cd - W - Ba Potential

Magma Metals Limited (www.magmametals.com.au) is exploring their large Thunder Bay North PGE-Cu-Ni property that starts approximately 6.4 k west of our Dorion South Property. Magma Metals have completed 17,500m of drilling and are now doing an additional 30,000m resource definition drill program on their Current Lake and Beaver Lake areas. Many thick high-grade drill intersections were recorded. For example, Hole TBND061 intersected 61.7m of 5.61 g/t Pt + Pd, 0.66% Cu and 0.38% Ni. The mineralization is located mainly in the basal portion of buried peridotite. The Pt-Pd ratio of the mineralization is characteristically 1:1. Magma Metals recently drill-tested several other regional magnetic anomalies. The drilling at Steepledge Lake and Lone Island Lake intersected peridotite, melagabbro and hybrid rocks similar to those seen at Current and Beaver Lakes. A number of intervals contained disseminated sulphides. This reconnaissance drilling indicates that the project has significant additional potential for mineralization outside of the Current lake and Beaver Lake areas. Finally, in September of 2008, Anglo American acquired a 12% stake in Magma Metals Limited.

. Our property is located approximately 60 km northeast of the City of Thunder Bay

. Nine (9) claims (99 claim units) (Map A)

. Access to occurrences is good - see Road Log (Map B)



SCALE: 1 INCH EQUALS ONE MILE OR 1.6 KILOMETRES

Map B: Road Log for Dorian South Property

Dorion South Property – December 1/08

. McIlwaine (1975) mapped the geology of the Dorion South property (Map C)

. Five known occurrences:

- 1) Fallis Lake Peridotite (Cu) occurrence;
 - 2) the Upton Zn - Pb - Ag - Cd - W occurrence;
 - 3) TB 7664 Zn-Pb occurrence;
 - 4) the Miner Lake Pb - Ba occurrence;
 - 5) the Keats Zn - Pb - Ba occurrence.
- (see Map A for location of above occurrences)

PGE – Cu – Ni Potential:

1. Fallis Lake Peridotite Occurrence (Cu)

In 1965, Oja Exploration Management drilled three (3) holes in the area between Fallis and Moose Lakes (central part of our property (see Map A). the drill logs indicate that under a thin layer of travertine limestone (3 to 10 m) (Sibley) was gabbro and peridotite with chalcopyrite specks. All three holes ended in peridotite (holes averaged 40m in length). In 1972, J. Husilik bulldozed a clearing and blasted three (3) trenches. No assays were given. Hole 2 was located in the field in 2008.

Due to the successful activity on nearby Magma Metals ground, a **ground magnetic survey** should be conducted on the Fallis Lake peridotite. Also a drill hole should be put down in the vicinity of old Hole #2 **to locate the base of the peridotite and to provide samples for assay.**

Zn – Pb Potential:

Franklin and Mitchell (1977) on the mode of these occurrences stated:

"The lead-zinc-barite of the Dorion region are spatially associated with the unconformity between the Sibley Group and Archean basement rocks. The veins are coarse grained and mineralogically zoned with galena-calcite in the central zone, sphalerite-quartz surrounding the central zone and barite in the vein extremities. Veins occur near the pinch-out of the "Pass Lake formation" (basal Sibley Group), within the dolomite of the overlying "Rossport formation" or in nearby basement fractures."

"The veins commonly contain 20% and locally up to 80% breccia fragments. The fragments are derived from the immediate wall rocks and include unaltered quartz monzonite and highly silicified dolomite."

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2. Upton Occurrence (Anderson):

. Tanton (1931) stated:

"On Claim TB6858, a ramifying **vein system** has been exposed by test pits and trenches for a width of **30 feet** and a length of **250 feet.**"

. Petrunka (OPAP 1998) did the most recent work on this occurrence. He stated:

"The main mineralized zone is oriented roughly at 050 degrees except at the west end, in trench #1 where it turns to an east-west direction. The mineralized zone is fairly narrow and subvertical. **The center of the zone is very rich in sphalerite (Zn) and the margins of the zone are richer in galena (Pb).**"

"The zinc mineralization is fairly massive to massive within the central portion of the structure which is very narrow. **Values of up to 61.39% zinc** were returned from this structure which varies in width from 0.02 meter to 0.2 meter (1 inch to **8 inches**) and dips steeply to the north to subvertical. A larger "brecciated" zone with irregular mineralization, principally galena, surrounds this main core rich in sphalerite. The brecciated zone varies from 0.5 meters to 5.0 meters and occurs on both sides of the zinc mineralization."

. Three trenches and one pit were located. Twenty-six (26) samples were taken and location and assay results are shown in Maps 4, 4A, 4B and 4C.

. Whole rock analyses were completed on two samples from Trench 3 (Map 4C). Cd and W values were shown to be greater than 1000 ppm. Silver ran 5 to 14 ppm.

TB 7664 OCCURRENCE:

. Tanton (1931) also stated:

"One-half mile east of TB 6858 (Upton Occurrence), a vein system has been uncovered on TB 7664 over a **width of 70 feet** and a length of **400 feet**. This composite vein occurs as cement in a shattered fault-zone in a notch between diabase-capped hills. The fault zone strikes northeast and dips vertically. Galena is widely disseminated in, and zincblende is richly concentrated in, certain veins and veinlets. Locally, widths up to 3 feet can be found where the vein material makes up half the volume of the rock. At one locality, **there is a vein of almost pure sphalerite, 8 inches wide.**"

4. Miner Lake Occurrence:

. In 1983, Noranda Exploration Co. Ltd. did linecutting, geology, geochemistry and geophysics over Miner Lake occurrence. They stated:

"In the southwest corner near Miner Lake, the mineralized vein occupies a

Dorion South Property – December 1/08

northeast trending fracture zone, in a topographic depression within the diabase. It is a solution breccia obtaining **widths up to 10 meters** and can be **traced for approximately 400 meters**. The vein contains sporadic pockets of galena in a gangue of calcite, quartz and barite."

. In 1980, the Ontario Geological Survey did a property visit. Their best assays were **35.4% Pb and 0.10 oz/ton Ag**. One sample ran **11.08% Pb and 0.10 oz/ton Ag over 1.4 m**.

5. Keats Zn - Pb - Ba Occurrence:

. In 1982, Noranda Exploration Company Limited located the Keats occurrence. They stated:

"A known two foot-wide fault and solution breccia was located on the northeast side of the property in the diabase sill. The breccia strikes northeast with narrow (less than 10 cm) lense-like pods of lead-zinc mineralization."

There, one assay ran **0.069% Pb, 19.1% Zn** and 0.8 ppm Ag.

Uranium Possibilities:

. The old Enterprise Pb-Cu-Zn-U308 Mine is located 15 km directly south of our Dorion South Property. Here, copper and zinc-bearing quartz-carbonate veins are associated with Sibley-granite contact. Four samples were assayed and they ran **0.60, 0.80, 0.80 and 1.20 lbs/T U308**.

. Fenwick (et al, 1977) stated "**Exploration for uranium** at some of the former lead-zinc mines in the area (the Caribou, Black Bay, Dorion and Detroit, Algoma mines) **is warranted since the geology of these mines is similar to the Enterprise Mine.**"

. The four Zn – Pb occurrences on the Dorion South Property have never been assayed for uranium.

Due to the successful exploration by Magma Metals Limited to the west, the peridotite on our property deserves a second look.

This property is available for immediate option. If interested, please contact me, Ken Fenwick, as noted above, for additional information, or: George Lucuik, 30 Carlbert St., Sault Ste. Marie, ON, P6A 5S5, Telephone 705-949-5940.

Dorion South Property – December 1/08**REFERENCES**

Fenwick, K. G. & Scott, J. F.

1977: 1976 Report of the North Central Regional Geologist, Ontario Geological Survey, Miscellaneous Paper MP 71, Annual Report of the Regional and Resident Geologists, 1976.

Franklin, James & Mitchell, Roger

1977: Lead-zinc-barite of the Dorion Area, Thunder Bay District, Ontario, Can. Journal of Earth Sciences, Vol. 14, No. 9, p. 1963-1979.

McIlwaine, W. H. and Tibor, L. A.

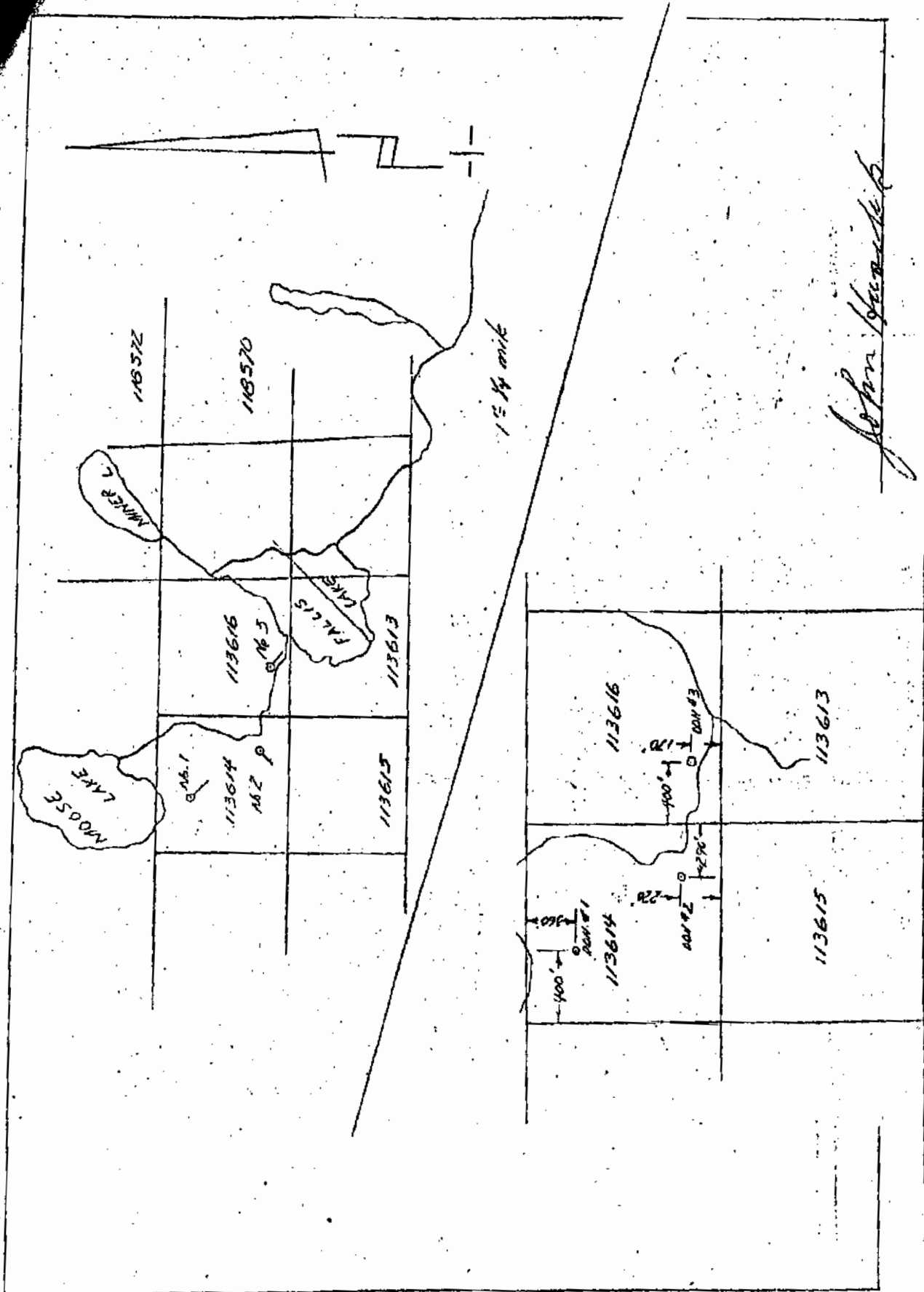
1975: Dorion - Wolf Lake Area (Western Part), District of Thunder Bay; Ont. Div. of Mines, Prelim. Map 994, Geol. Ser., scale 1 inch to ¼ mile or 1:15,840. Geology 1972.

Tanton, T. L.

1931: Fort William and Port Arthur, and thunder Cape Map areas - Thunder Bay District, Ontario; Can. Department of Mines, Geological Survey, Memoir 167, p. 178-179.

G.P.S. - Location of Upton's Three Trenches

Trench #1	E 380737 N 5408732
Trench #2	E 380770 N 5408741
Trench #3	E 380792 N 5408768



Map C: Drill site location (Husilik, 1985)

PROPERTY T.B. 113614
Dorion, Ont. Lot 9, Conc. 7
 BEARING N. by N.W.
 DIP 45
 DEPTH 133
 ELEVATION _____

EXPLORATION MANAGEMENT
 SUITE 2, PHOENIX BLDG.
 PORT ARTHUR, ONTARIO
 TELEPHONE 345-7378

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FROM	TO	WIDTH	SAMPLE NO.	ASSAY VALUES
0	9			
9	13			
13	133			

Travertine Limestone
 Gabbro fine grained
 Fine grained peridotite with intermittent calcite and
 chalcopyrite specks with gabbro at levels. Some
 serpentine inter-zoned.

LATITUDE _____
 DEPARTURE _____
 STARTED Oct. 15, 1965
 COMPLETED Oct. 19, 1965
 LOGGED BY John B. ...
 DRILLED BY Northwest Drilling Ltd.
42 N. Cumberland St. Pt. Ar.

PROPERTY T.B. 113614
Dorion, Ont. Lot 9, Conc. 7
 BEARING N.W.
 DIP 45
 DEPTH 130
 ELEVATION _____

EXPLORATION MANAGEMENT
 SUITE 2, PHOENIX BLDG.
 PORT ARTHUR, ONTARIO
 TELEPHONE 345-7378

FROM	TO	WIDTH	SAMPLE NO.	ASSAY VALUES
0	3			
3	38			
38	50			
50	130			

Casing:
 Travertine Limestone, 2ft. Hole empty VUG
 Soft, fine grained gabbro with calcite streaks.
 Peridotite, fine grained, intermittent calcite,
 chalcopyrite etc. with small levels of gabbro.

LATITUDE _____
 DEPARTURE _____
 STARTED Oct. 21, 1965
 COMPLETED Oct. 24, 1965
 LOGGED BY John B. ...
 DRILLED BY Northwest Drilling Ltd.
42 N. Cumberland St. Pt. Ar.

PROPERTY T.B. 113616
Dorion, Ont. Lot 9, Conc. 7
 BEARING N.W.
 DIP 45
 DEPTH 139
 ELEVATION _____

EXPLORATION MANAGEMENT
 SUITE 2, PHOENIX BLDG.
 PORT ARTHUR, ONTARIO
 TELEPHONE 345-7378

FROM	TO	WIDTH	SAMPLE NO.	ASSAY VALUES
0	3			
3	22			
22	27 1/2			
27 1/2	52			
52	139			

Casing
 Travertine Limestone
 Gabbro
 Peridotite fine grained with calcite 4 ft. gabbro find
 grained then peridotite; calcite; etc. Fine waxy green
 streaks etc. with specks chalcopyrite at 100 ft. level.
 VUG hole at 128', 3 ft. very shattered up to 139 ft.

HOLE NO. #1
 SHEET NO. _____
 CORE SIZE 1 1/2

DATE Feb. 21, 1964

HOLE NO. 3
 SHEET NO. _____
 CORE SIZE 1 1/2

DATE Feb. 21, 1964



ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Dave Petrunka
540 Oliver Rd., Apt. 207
Thunder Bay, Ontario
P7B 5T8

Page 1
Oct 7, 1998
Job 88940708

SAMPLE #	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sn	Sr	Ti	V	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
30570	10.7	0.07	101	23	8	<1	46	0.02	>1000	64	55	339	0.49	<01	4	0.07	37	205	<01	102	14773	4323	631	<5	0.01	<5	2	<01	<1	>1000	>1000000
30572	5.5	0.18	80	21	13	0.1	36	0.05	>1000	45	106	95	0.53	0.02	4	0.27	65	161	0.02	18	12431	8049	450	<5	0.01	<5	2	<01	15	>1000	>1000000

Certified By: