

Diamond Drilling



42A03SE0175 13 ZAVITZ

010

Township of ZAVITZ

Report NO: 13

Work performed by: Pan Ore Gold Mines Limited

Claim NO	Hole NO	Footage	Date	Note
L 353159-60	PO-1	251.4'	Mar/74	(1)
L 353171	PO-2	401.5'	Apr/74	(1)
L 354621	PO-3	352.0'	May/74	(1)

3/ 1004.9'

Notes:

(1) #87-74

ZAVITZ

DISTRICT OF
SUDBURY

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED

NOTES

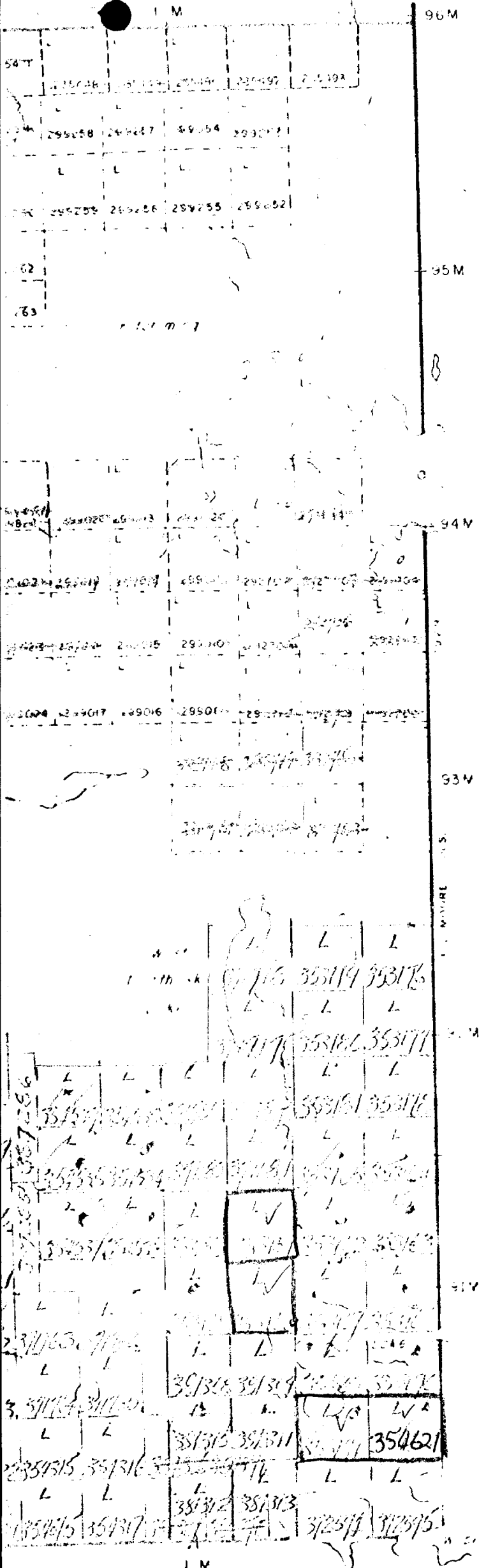
400' SURFACE RIGHTS RESERVATION AROUND
ALL LAKES AND RIVERS.

RECORDED
BY 18
JAN 10 1910
AM
7 18 19 10 11 12 13 14 15 16

PLAN NO M. 1189

ONTARIO

Hincks Twp. (M. 223)

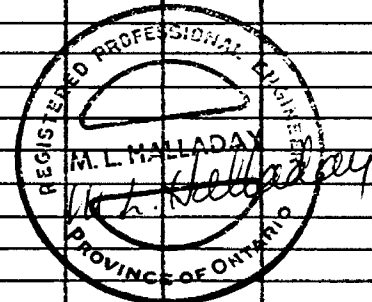


BARRINGER RESEARCH LIMITED
DIAMOND DRILL HOLE LOG

Hincks & Zavitz Twp # 87
Pan Ore Gold Mines Ltd.

COMPANY Pan-Ore Gold Mines Limited PROPERTY Zavitz-Hincks Townships CLAIM NO. 353159 HOLE NO. PO - 1
353160
 COLLAR CO-ORDS 16+00E; 10+50N ELEVATION _____ AZIMUTH North (True) DEPTH 251.4 CORE SIZE JAX
 DATE STARTED March 25, 1974 LOGGED BY M. Halladay DIP AT COLLAR -45° DIP TESTS _____
 DATE COMPLETED April 5, 1974 DRILLED BY R. Ferguson _____

DEPTH		DESCRIPTION	SAMPLE NO.	FOOTAGE		LENGTH	ASSAYS				REMARKS
FROM	TO			FROM	TO		Au (oz/t)	Ag (oz/t)	Cu%	Ni%	
0.0	8.0	Casing									
8.0	90.5	Lavas - altered intermediate to basic - much cut by epidote-rich zones and veinlets. Much silicification. Numerous sections brecciated. Rare sulphides associated with both the lavas and invading material. Epidote in places accompanied by granitic material.	PO 50	8.7	9.2	0.5	Tr	0.12			Minor granitic material with very minor pyrite. Minor sulphides in streaks in dark lavas traces chalcocopyrite sulphides 10% over 0.1' not split.
			PO 51	12.0	13.0	1.0	Tr	0.13	0.02		
			PO 52	25.1	25.2	0.1	Tr	0.64			
		8.7 - 9.2 Minor granitic material with very minor pyrite	PO 53	68.0	68.4	0.4	Tr	0.18		Tr	pyrite-pyrrhotite
		12.0 - 13.0 Minor sulphides in streaks in dark lavas - traces chalcocopyrite.									
		25.1 - 25.2 Sulphides 10%									
		57 - 66 Brecciated - some coarse fragments of chilled granitic material (?) with considerable epidote invading dark lavas.									
		68.0 - 68.4 Sample to check pyrite pyrrhotite disseminated in lavas									
90.5	137.9	Intrusive? Metadiorite - spotted with small 4 - 6 mm dark alteration patches. Occasional hairline quartz-carbonate stringers. Generally massive looking									
		106 - 125 occasional flecks and blotches of hematite alteration.									
137.9	159.6	Lavas - Intermediate? Badly cut by stringers of epidote and quartz-carbonate. Blotchy epidote and quartz-carbonate alteration. Much twisted and some fragmentation.									

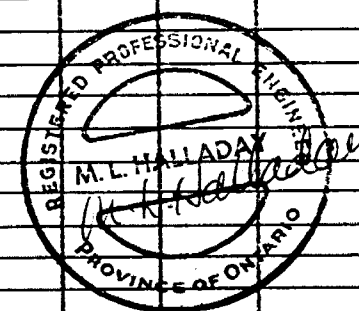


BARRINGER RESEARCH LIMITED
DIAMOND DRILL HOLE LOG

HOLE NO. PO 2

COMPANY Pan Ore Gold Mines Ltd. PROPERTY Zavitz & Hincks Townships CLAIM NO. 353171
 COLLAR CO-ORDS 16+00E, 28+00S ELEVATION - AZIMUTH South (T-grid) DEPTH 401.5 ft. CORE SIZE IAX
 DATE STARTED April 17, 1974 LOGGED BY M. Halladay DIP AT COLLAR -45 DIP TESTS @ 200' 44°
 DATE COMPLETED May 6 1974 DRILLED BY R. Ferguson

DEPTH		DESCRIPTION	SAMPLE NO.	FOOTAGE		LENGTH	ASSAYS %				REMARKS
FROM	TO			FROM	TO		Au	Ag	Cu	Ni	
0.0	28.0	CASING									
28.0	209.9	SERPENTINITE Much altered olivene. One section carried narrow Riebeckite (crocidolite) asbestos type fibre and a few narrow crysolite veinlets - overall low grade. Much magnesite.									
		76 - 79 Coarse grained serpentinitized porphyritic peridotite. Long oriented phenocrysts of olivene. Similar to rock at road.									
		79 - 133 As above but brighter green. Some light blue and dark green compound veinlets of fibre and serpentine. Lower contact has wide vein of white magnesite.									
		133-184.5 Darker serpentinite with no phenocrysts. Traces of metallics, especially smeared on one plane at 142. At 158 some pyrrhotite, pyrite and calcite.									
		148' 8" breccia. Broken and very serpentinitized light green ultrabasic with white magnesite.									
		175 - 185 Grainy but no phenocrysts									
		184.5-209.9 Dark blue serpentinite occasional few grains disseminated mineral as at 198.									
		208.0-209.9 Bleached ultrabasic with chicken track.									
209.9	308.5	RHYOLITIC AGGLOMERATE & RHYOLITE BRECCIA with minor flow and minor cherty rhyolite or tuff. Accompanied by sulphide mainly just pyrite. A few baked pillow rims.									
		216.0 - 218.4 Pyrite in rhyolite	PO 60	216.0	218.4	2.4	Tr.	0.04	0.11		
		288 - 303 Sulphide blotches selectively replacing fragments. Mainly pyrrhotite with occasional grain chalco.									



BARRINGER RESEARCH LIMITED
DIAMOND DRILL HOLE LOG

HOLE NO. PO-3

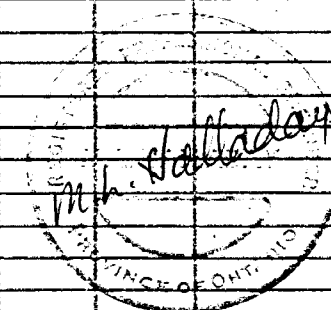
COMPANY Pan Ore Gold Mines Ltd. PROPERTY Zavitz & Hincks Townships CLAIM NO. 2354621

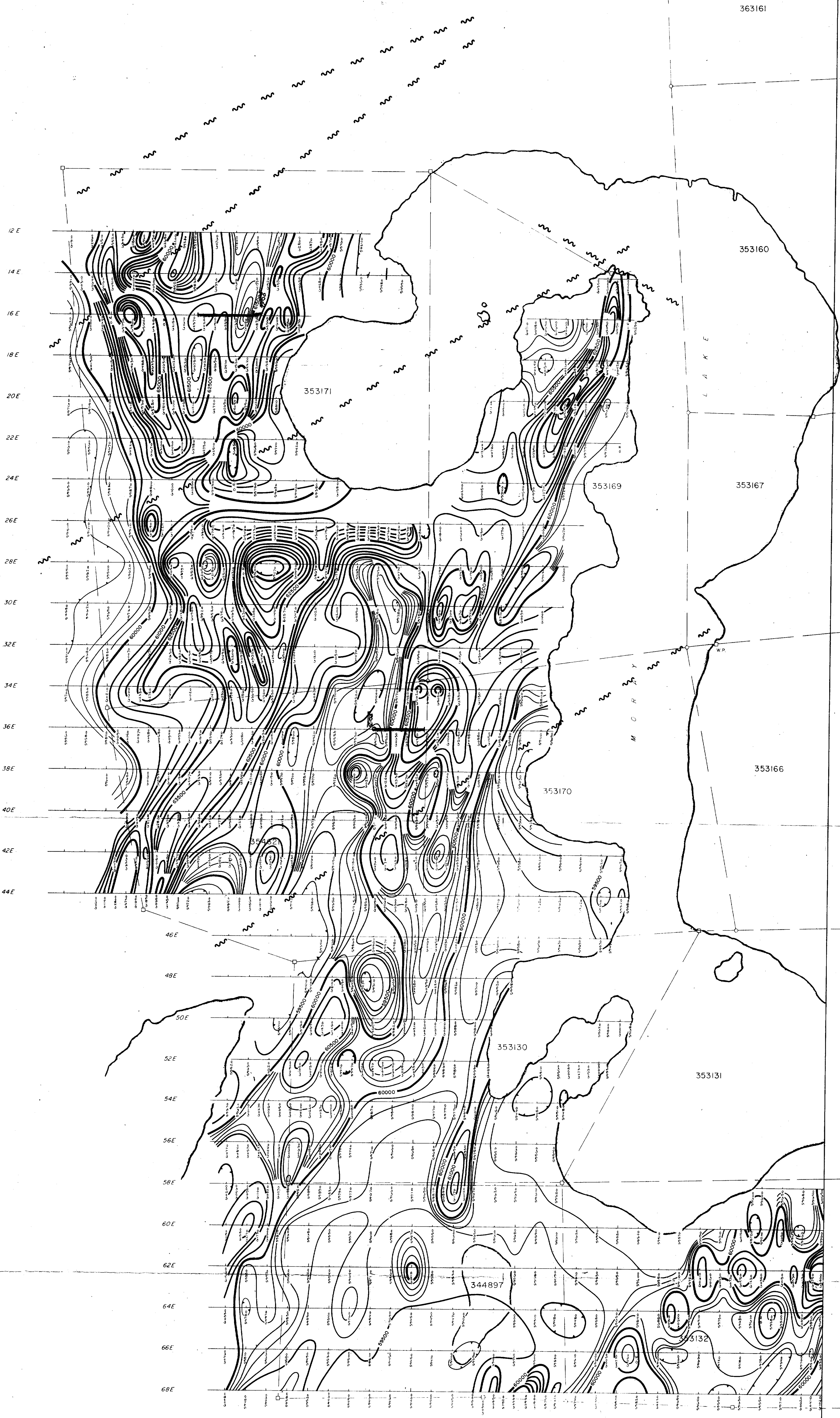
COLLAR CO-ORDS 36+00E, 22+15S ELEVATION - AZIMUTH Grid North (=T) DEPTH 352.0 CORE SIZE 1/2"

DATE STARTED May 26, 1974 LOGGED BY _____ DIP AT COLLAR -45° DIP TESTS _____

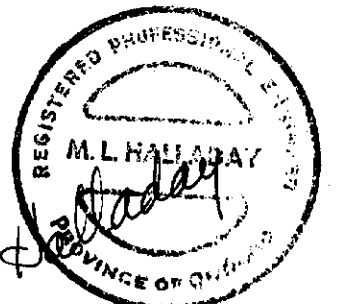
DATE COMPLETED June 9, 1974 DRILLED BY R. Ferguson

DEPTH		DESCRIPTION	SAMPLE NO.	FOOTAGE		LENGTH	ASSAYS			REMARKS
FROM	TO			FROM	TO					
0.0	37.0	Casing								
37.0	45.8	Ultramafic - slightly serpentized. Occasionally cut by hairline magnesite(?) stringers which rarely are accompanied by grains of sulphide (pyrite).								
45.8	131.5	Diabase Dyke(?) dioritic rock generally with diabasic texture. Grain size variable. Cut by occasional veinlet of pink and white orthoclase with quartz. Considerable serpentization in the last 2 feet.								
131.5	352.0	Ultramafic - serpentized. Dark coloured, fine grained. Occasional veinlet and stringers of light green and white serpentine. Rock is very barren in general.								
		140-175 - sulphide (mainly pyrite) and magnesite in very minor amounts on slip planes with light green serpentine.								
		136.9-137.5 - minor sulphides with a serpentine seamlet and some also on a slip plane. A few grains of disseminated sulphide.								
		144.6-145.0 - a few minor hairline fractures with serpentine and sulphides.								
		Asbestos fibre - 212-215 feet. Fractures spaced every ≈6" chrysotile fibre ranging 2mm to 1/4". Also 217.5-220.3 and 250-252.								
		227-352 - seams have white magnesite(?) with serpentine and rare flecks of hematite. Seams are slightly wider than those near the top of the hole: they are up to a couple of inches in width. Magnesite-serpentine probably less than 5% of the rock, usually with magnetite dissemination and stringers towards the end of the hole.								





BASE LINE No. 1 (bearing 90° T)

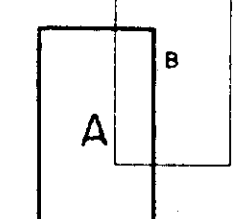


200

LEGEND

- Contour interval — 50 gammas
- 2500 gamma contour
- 500 gamma contour
- 100 gamma contour
- 50 gamma contour
- Depression
- Claim post-located, unlocated
- Fault

INDEX



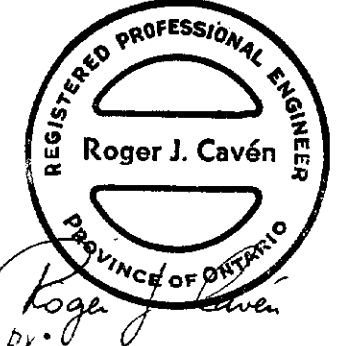
NTS ref 42A/3E

PAN-ORE GOLD MINES LIMITED

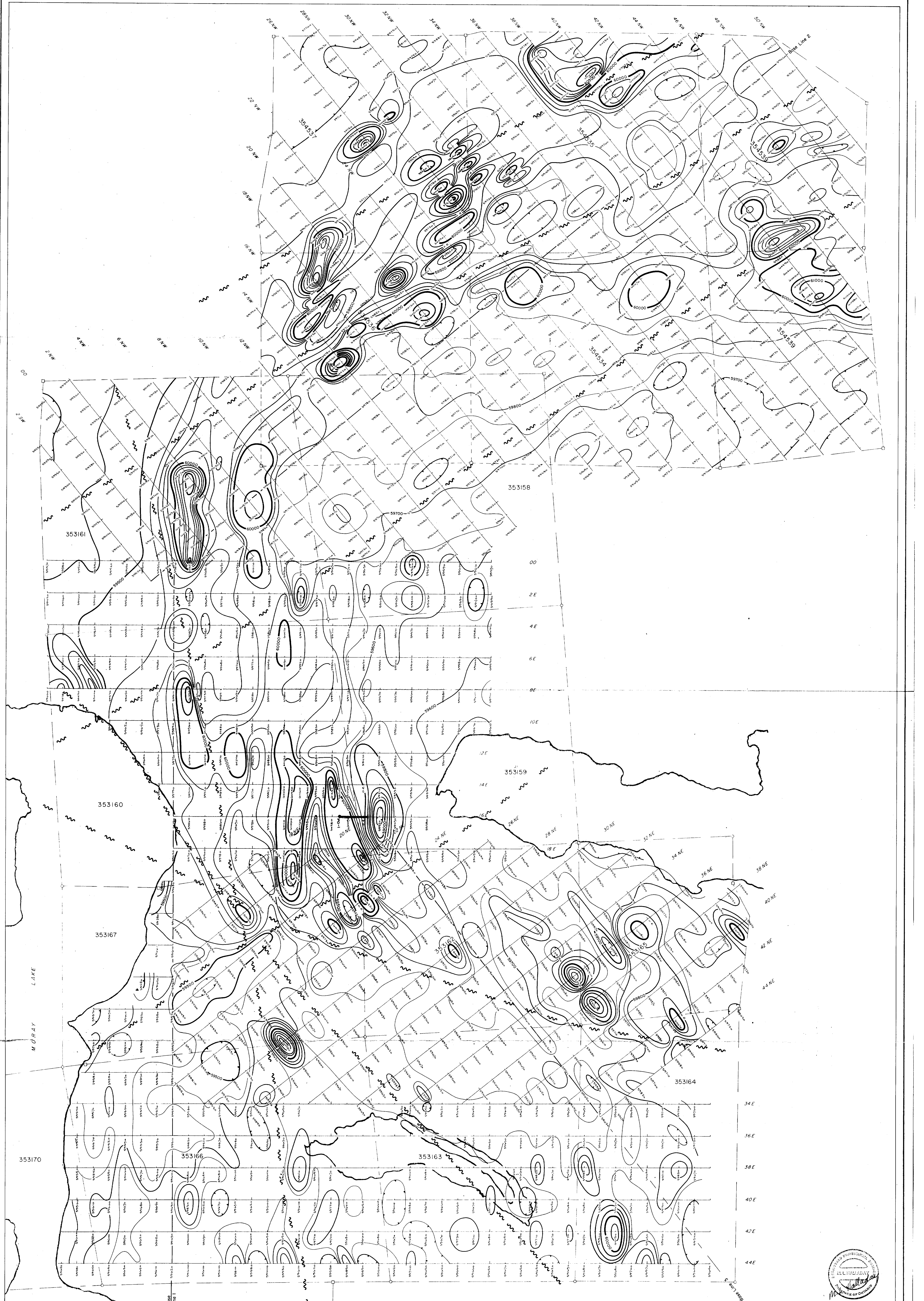
ZAVITZ & HINCKS TOWNSHIPS, ONTARIO



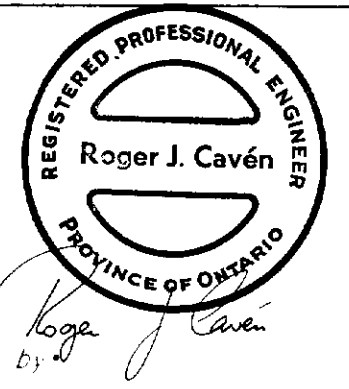
**TOTAL INTENSITY
MAGNETICS**

JULY 1973 Scale: 1" = 200' DWG 5-344-3A



HARRINGER RESEARCH LTD., Toronto, Canada



  <small>424358176 13 ZAVITZ</small>	<p style="text-align: center;">LEGEND</p> <p>Contour interval — 50 gammas</p> <p>2500 gamma contour —</p> <p>500 gamma contour —</p> <p>100 gamma contour —</p> <p>50 gamma contour —</p> <p>Depression —</p> <p>Claim post - located, unlocated —</p> <p>Fault —</p>	<p style="text-align: center;">INDEX</p> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto; text-align: center; line-height: 20px;">B</div>	<div style="text-align: center;">  <p style="font-size: 8px;">ROGER J. CAVEN PROFESSIONAL ENGINEER PROVINCE OF ONTARIO</p> </div> <p style="font-size: 8px; text-align: center;">With assistance by GARRINGER RESEARCH LTD. Toronto, Canada</p>	<p style="font-size: 8px; text-align: right;">NTS ref 42A/3E</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">PAN-ORE GOLD MINES LIMITED</td> </tr> <tr> <td colspan="2" style="text-align: center;">ZAVITZ & HINCKS TOWNSHIPS, ONTARIO</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL INTENSITY MAGNETICS</td> </tr> <tr> <td style="text-align: center;">JULY 1973</td> <td style="text-align: center;">Scale: 1" = 200'</td> </tr> <tr> <td colspan="2" style="text-align: right;">DWG. 5-344-3B</td> </tr> </table>	PAN-ORE GOLD MINES LIMITED		ZAVITZ & HINCKS TOWNSHIPS, ONTARIO		TOTAL INTENSITY MAGNETICS		JULY 1973	Scale: 1" = 200'	DWG. 5-344-3B	
PAN-ORE GOLD MINES LIMITED														
ZAVITZ & HINCKS TOWNSHIPS, ONTARIO														
TOTAL INTENSITY MAGNETICS														
JULY 1973	Scale: 1" = 200'													
DWG. 5-344-3B														