



41P14NE0013 34 MIDLOTHIAN

010

DIAMOND DRILLING

TOWNSHIP: MIDLOTHIAN

REPORT NO: 34

WORK PERFORMED FOR: Goldteck Mines Limited

RECORDED HOLDER: Same as Above [xx]
: Other []

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
L 943404	G-28	213m	Dec/87	(1)
	G-32	120m	Dec/87	(1)
	G-34	111m	Dec/87	(1)
	G-35	63m	Dec/87	(1)
	G-39	97m	Dec/87	(1)
	G-40	156m	Dec/87-Jan/88	(1)
	G-54	177m	Jan/88	(1)

Notes: (1) #W8808.182, filed in Oct/88

GOLDTECK MINES LTD.
DIAMOND
DRILL LOG AND SAMPLE RECORD
HOLE NUMBER: G-28

Location: Stairs Project

Northing: 46+93

Easting: 48+74

Elevation: .0

Length: 213.0

Depth Dip Azimuth

.0 -44.0 343.0

17.0 -42.5 343.0

65.0 -41.5 344.0

113.0 -40.0 343.0

161.0 -36.0 343.0

209.0 -35.0 344.0

Core Size: BQ

Date Collared: December 9, 1987

Date Completed: December 11, 1987

Logged By: P.Folk

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
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MAY 11 1988

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W.A. Szyg, P. Eng

From(m)	To(m)	Code	Core Description
.0	6.0	OB	OVERBURDEN
6.0	24.3	3A Cr	CONGLOMERATE Weakly foliated, chromic. Numerous marcasite nodules scattered throughout. Weakly silicified. 20.1 1 cm qtz. with grey walls. 21.0 3 cm qtz. 22.2 - 24.0 zone of qtz. veinlets, pyritization approx. 3%, silicification, chromic mica, abundant marcasite.
24.3	132.0	3A Cr Si	CONGLOMERATE Greenish, weakly altered and silicified. 36.0 22 cm foliated zone, shear zone with qtz. veinlets, traces chromic alt., py, ser. 54.0 5 cm broken qtz. vein. tr. py. 57.0 20 cm irregular chlorite rich qtz. vein. Minor py. 60.0 5 cm banded qtz. Minor py. 60. - 126 Weak silica alt and calcite alteration as veinlets. 70 Quite a few marcasite nodules. 118.5 - 120.4, foliated zone, minor sericite and chromic alt. 126.2 5 cm qtz.- calcite-chlorite veining. 127.5 20 cm qtz.-calcite-chlorite veining.
132.0	136.4	3A Cr	CONGLOMERATE Weakly altered chromic. Calcite replacing conglomerate matrix in this area.

From(m)	To(m)	Code	Core Description
136.4	140.0	3A	CONGLOMERATE Calcite altered.
140.0	151.0	3A Cr	CONGLOMERATE Calcite altered chromic. Weak chromic alt.
151.0	213.0	3A Cr	CONGLOMERATE Calcite altered, green. Calcite veins with qtz. 206.2 -206.8 Qtz. veinlets. Minor py traces chrome mica, sericite. 208.2 2cm white qtz. Tr. cp. EOH
	213.0		

GOLDTECK MINES LTD.
DIAMOND
DRILL LOG AND SAMPLE RECORD
HOLE NUMBER: G-32

Location: Stairs Project
 Northing: 46+80
 Easting: 49+27
 Elevation: .0
 Length: 120.0
 Depth Dip Azimuth
 0. -45.0 340.0
 20.0 -42.0 339.0
 68.0 -40.5 339.0
 116.0 -39.5 338.0

Core Size: BQ
 Date Collared: December 11, 1987
 Date Completed: December 12, 1987
 Logged By: P.Folk

W.A. Boyer, P.Eng

From(m)	To(m)	Code	Core Description
.0	6.0	OB	OVERBURDEN
6.0	26.6	3A CR	CONGLOMERATE Unfoliated, chromic. 19.5 - 26.6 weak qtz. stringer zone.
26.6	40.5	3A SI	CONGLOMERATE Buff colored silicified. Abundant rhyolite clasts. 35 Weak qtz. stringer zone.
40.5	44.3	Q.V.	QTZ. VEIN ZONE 40.5 - 42.3 Qtz. breccia 42.3 - 42.4 well banded qtz. vein with py. 43.3 - 43.8 qtz. vein.
44.3	90.3	3A	CONGLOMERATE Marcasite rich, greenish, weakly silicified. 81 - 90.3 Calcite alteration, some qtz.
90.3	115.5	3A	CONGLOMERATE As above with weak erratic chromic alteration, weak sericite. A few bright green clasts. Darker green color from chloritic alt. Weak calcite alt with minor qtz. 97 altered clasts are all elongate, ragged pumice? or pumice like clasts. 103 - Patchy qtz. calcite. 4 cm calcite-qtz-chlorite vein.
115.5	120.0	3A	CONGLOMERATE Calcite alteration.
	120.0		EOH

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GOLDTECK MINES LTD.
DIAMOND
DRILL LOG AND SAMPLE RECORD
HOLE NUMBER: G-34

Location: Stairs Project

Northing: 47+20

Easting: 49+60

Elevation: .0

Length: 111.0

Depth Dip Azimuth

0. -45.0 340.0

12.0 -44.0 340.0

60.0 -39.0 340.0

108.0 -38.0 339.0

Core Size: BQ

Date Collared: December 14, 1987

Date Completed: December 15, 1987

Logged By: P.Folk

From(m)	To(m)	Code	Core Description
.0	3.0	OB	OVERBURDEN
3.0	46.8	3A	CONGLOMERATE Weakly altered, green. 35.3 Limonite zone.
46.8	51.0	3A Cr	CONGLOMERATE Chromic, weakly foliated silicified. 47.7 Strongly limonitic zone with qtz., pyrite, chromic mica. 30 cm plus stringers in hanging wall. 50 - 51 Silicification as veinlets, disseminated py 3%.
51.0	57.0	3A SI	CONGLOMERATE Light green, silicified with qtz. veinlets.
57.0	66.1	3A Cr	CONGLOMERATE Chromic, foliated near vein zone. 62.0 4 cm grey banded pyritized qtz. 63.0 - 65.0 qtz. stringer zone. 65.0 - 66.0 qtz. vein well pyritized on walls, some irregular pyritic filaments. Broken footwall.
66.1	111.0	3A	CONGLOMERATE Green. 70.5 6 cm pyritic shear zone, minor qtz. 88.0 - 105.0 Calcite alteration, minor qtz. 95 Calcite - qtz. veinlets and replacement or conglomerate matrix.
	111.0		EOH

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MAY 11 1988

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GOLDTECK MINES LTD.
DIAMOND
DRILL LOG AND SAMPLE RECORD
HOLE NUMBER: G-35

Location: Stairs Project

Northing: 46+80

Easting: 49+27

Elevation: .0

Length: 63.0

Depth Dip Azimuth

.0 -60.0 339.0

11.0 -57.5 337.0

59.0 -55.5 335.0

Core Size: BQ

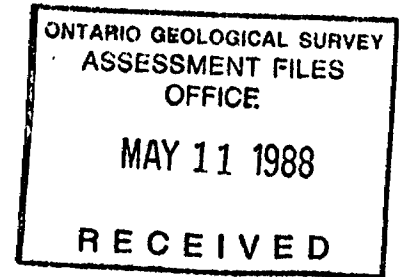
Date Collared: December 12, 1987

Date Completed: December 12, 1987

Logged By: P.Folk

W.A. Berger, P.Eng

From(m)	To(m)	Code	Core Description
.0	4.1	OB	OVERBURDEN
4.1	8.5	3A Cr	CONGLOMERATE Chromic.
8.5	12.0	3B	PEBBLY CONGLOMERATE Some finer sediments.
12.0	20.3	3A Cr	CONGLOMERATE Chromic
20.3	25.1	3C	SEDIMENTS Fine grained, some pebbly sections.
25.1	38.0	3A Cr	CONGLOMERATE Chromic, unfoliated. 30.0 - 38.0 Silicification and weak qtz. veinlets. Weakly disseminated py.
38.0	41.6	Q.V.	QUARTZ VEIN ZONE In well foliated chromic conglomerate. 10% qtz. stringers.
41.6	49.0	3A Cr	CONGLOMERATE Chromic, weakly altered conglomerate, decreasing silicification.
49.0	63.0	3A Cr	CONGLOMERATE 54.0 3 cm qtz. 54.8 11 cm qtz.-chlorite, sericite.
	63.0		EOH



GOLDTECK MINES LTD.
DIAMOND
DRILL LOG AND SAMPLE RECORD
HOLE NUMBER: G-39

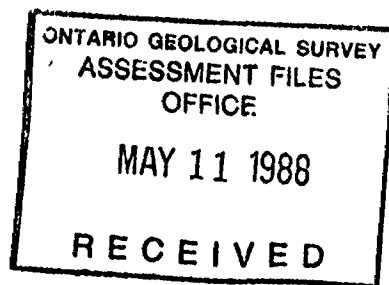
Location: Stairs Project
Northing: 47+20
Easting: 49+60
Elevation: .0
Length: 97.0

Core Size: BQ
Date Collared: December 15, 1987
Date Completed: December 15, 1987
Logged By: P.Folk

WA Beyer, PE

Depth	Dip	Azimuth
0.	-65.0	340.0
16.0	-62.0	340.0
46.0	-62.0	340.0
94.0	-61.0	337.0

From(m)	To(m)	Code	Core Description
.0	3.0	OB	OVERBURDEN
3.0	48.3	3A	CONGLOMERATE, Green. Weakly altered, unfoliated. 10.8 - 11.6 qtz.-feld. Porphyry dyke or large boulder. 27 - 48.3 Weak pervasive silicification replacement of conglomerate matrix. 39.9 - 41.5 Weak foliated zone with qtz. veinlets, traces py.
48.3	55.1	3A Cr	CONGLOMERATE
55.1	63.4	Q.V.	QTZ. VEIN ZONE. Mineralized with sericitic shearing. Pyrite disseminated throughout. Some folded qtz. veining.
63.4	66.0	3A Cr	CONGLOMERATE, Weakly chromic altered, unfoliated.
66.0	97.0	3A	CONGLOMERATE, Green. 81.0 - 97.0 Calcite alteration. EOH



GOLDTECK MINES LTD.
DIAMOND
DRILL LOG AND SAMPLE RECORD
HOLE NUMBER: G-40

Location: Stairs Project
Northing: 47+20
Easting: 49+60
Elevation: .0
Length: 156.0

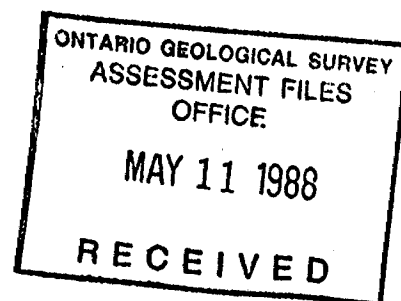
Core Size: BQ
Date Collared: December 17, 1987
Date Completed: January 8, 1988
Logged By: F. Sharpley

Depth	Dip	Azimuth
.0	-90.0	.0
44.5	-88.5	.0
98.5	-88.5	.0
152.5	-89.5	162.0

WA Reyer, PE

From(m)	To(m)	Code	Core Description
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.0	1.7	OB	OVERBURDEN
1.7	50.5	3A	POLYMIC TIC CONGLOMERATE Light greenish-grey, unfoliated, rounded to subrounded cobbles; weakly carbonatized. 8.3 - 8.6 1/2 cm quartz vein parallel to core axis 7.0 - marcasite blebs <2cm 8.8 - blebs marcasite; 9.3 1/2 cm qtz. vein at 80 degrees; 9.5 1/2 cm qtz. vein at 20 degrees. 10.6; 11.8 marcasite blebs. 14.4 - 16.4 2% diss. py, marcasite 20.6 - 21.0 1cm qtz. vein at 10 degrees. 21.6 - 21.8 1cm qtz. vein at 20 degrees. 22.8 - 24.3 Slip parallel; minor gouge 22.3 bleb of marcasite. 23.6 - 28.8 1-2% diss. marcasite blebs. 26.6 - 26.8 3cm qtz. vein at 50 degrees. 28.8 - 31.0 Moderately sheared at 30 degrees. 31.0 - 45.6 Weak chromic alteration; weak to moderate pervasive carbonate alteration; pale greenish-grey. 45.6 moderate chromic alteration; moderate pervasive carbonate alteration; pale greenish-grey. 47.9 - 48.4 Quartz vein at 30 degrees. 48.6 1/2 cm qtz. vein at 20 degrees. 50.1 1/2 cm qtz. vein at 90 degrees.



From(m)	To(m)	Code	Core Description
50.5	142.0	3A CR	CONGLOMERATE Silicified, chromic alteration. 50.5 - 55.4 Quartz-breccia; 20% quartz; weak chromic alt. 57.9 1 cm quartz vein at 20 degrees. 60.6 - 61.2 2cm quartz vein at 5 degrees. 68.4 2cm quartz vein at 20 degrees. 70.4 - 73.3 Weakly sheared with 10% quartz veining at 20 degrees. 73.3 - 76.6 80 % quartz veining at 30 - 40 degrees; 5% marcasite py. 76.6 - 78.0 10 % quartz veining at 45 degrees. 78.0 - 81.2 30% quartz veining at 10 - 45 degrees; 6 % marc. py. 81.2 - 85.7 2-3 % diss. py, marc. 85.7 - 87.7 25% quartz veining at 10 degrees to 90 degrees, 5% diss. py marc. 87.7 - 91.2 <1% diss. marcasite, pyrite. 91.2 - 95.5 60% quartz veining at parallel to 25 degrees; 2-3% diss. marcasite, pyrite. 117.2 - 118.4 10% quartz veining at 20 degrees and 40 degrees; 1cm and 10 cm moderate chromic alteration. 121.6 - 122.7 Quartz vein at 10 degrees. 127.5 - 129.5 1-2% diss. marcasite, pyrite. 128.4 3 cm quartz vein at 10 degrees. 137.7 Sheared 1/4 cm clay gouge at 30 degrees.
142.0	156.0	3A SI	CONGLOMERATE silicified. EOH 156.0

GOLDTECK MINES LTD.
DIAMOND
DRILL LOG AND SAMPLE RECORD
HOLE NUMBER: G-54

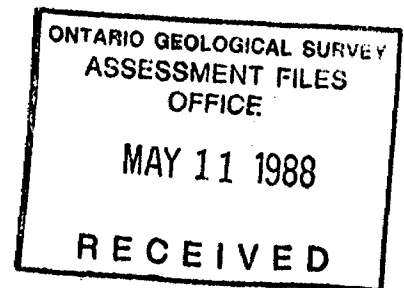
Location: Stairs Project
Northing: 47+46
Easting: 47+15
Elevation: .0
Length: 177.0

Core Size: BQ
Date Collared: January 24, 1988
Date Completed: January 26, 1988
Logged By: F. Sharpley

Depth	Dip	Azimuth
.0	-50.0	210.0
18.0	-50.0	212.0
78.0	-46.0	208.0
126.0	-43.0	210.0
174.0	-39.0	212.0

W.A. Bejer, PE

From(m)	To(m)	Code	Core Description
.0	7.1	OB	OVERBURDEN
7.1	12.0	3C	SANDSTONE Light to medium grey, fine-grained, bedded at 40 degrees. 7.1 - 9.1 limonite stained.
12.0	32.9	3ACrSi	BOULDER CONGLOMERATE Light greenish-grey, fairly massive, weak chromic alt. and weak silicification. 11.4 - 12.0 limonite stained. 15.0 - 15.3 quartz breccia; limonite stained. 15.7 - 16.0 limonite stained 18.4 - 18.6 limonite stained 19.5 - 20.0 limonite stained 21.4 1/2 cm quartz vein at 20 degrees. 24.0 10 cm limonite stained. 25.5 1 cm quartz vein at 20 degrees.
32.9	41.2	3ASiCr	BOULDER CONGLOMERATE Buff to grey color; weakly silicified. 32.9 - 33.3 10% quartz veining at 20 degrees. 36.2 10 cm quartz vein at 45 degrees.
41.2	50.0	2BR	RHYOLITE LAPILLI TUFF Light grey to white. 42.1 3 cm quartz vein at 45 degrees. 42.4 3 cm quartz vein at 45. 46.2 - 581.3 limonite stained 47.3 - 48.0 Fault zone sheared at 45 degrees.



From(m)	To(m)	Code	Core Description
50.0	69.3	3C	BOULDER CONGLOMERATE 40% argillite fragments. 50.8 - 51.7 argillite 55.6 10 cm quartz vein at 45 degrees. 59.0 - 59.20 quartz vein at 70 degrees.
69.3	79.8	2BR	RHYOLITIC LAPILLI TUFF 72.3 3 cm quartz vein at 45 degrees. 76.1 - 78.1 scattered 1/2 cm quartz veins at 70, 20, 45 degrees. 78.1 - 78.4 vuggy limonite shear at 45 degrees.
79.8	86.7	3C	BOULDER CONGLOMERATE Weak chromic alteration.
86.7	125.9	2BR	RHYOLITIC LAPILLI TUFF 92.4 - 92.5 quartz vein at 60 degrees. 94.1 - 94.5 sheared at 45 degrees; limonite stained. 92.5 - 98.3 Lithic Tuff (2E) Dark grey, limonite stained; 10% argillite fragments. 103.0 - 107.3 5% argillite fragments. 105.5 1 cm quartz vein at 40 degrees. 108.8 10 cm quartz carbonate vein at 20 degrees. 115.5 3cm quartz vein at 45 degrees. 119.3 3 cm quartz vein at 20 degrees.
125.9	130.3	2E	LITHIC TUFF Rhyolitic; 20% black argillite fragments. 126.8 10 cm sheared at 20 degrees. 130.3 2 cm quartz vein at 20 degrees.
130.3	159.7	2CR	RHYOLITIC COARSE ASH Light grey to white, 135.7 3 cm quartz vein at 30 degrees. 138.0 - 139.3 141.8 - 144.0 Lithic Tuff 30% argillite fragments. 146.5 3cm quartz-carbonate breccia at 20 degrees. 153.0 10 cm quartz-carbonate breccia at 20 degrees. 153.4 3 cm quartz-carbonate vein at 45 degrees.

From(m)	To(m)	Code	Core Description
159.7	165.0	2BR	RHYOLITIC LAPILLI TUFF Light grey to white . 160.5 - 161.8 quartz-carbonate breccia at 20 degrees.
165.0	172.5	2E	RHYOLITIC LITHIC TUFF 20% bands and fragments of argillite; 5% quartz-carbonate veining at 50 degrees. 171.0 - 171.2 sheared at 50 degrees.
172.5	184.1	2BR	RHYOLITIC LAPILLI TUFF Light to medium grey, fragments <2cm;
184.1	190.5	SULF	MASSIVE MARCASITE-PYRITE (SULF) 50% massive.
190.5	191.4	2CR	RHYOLITIC TUFF Medium grey, banded at 45 degrees.
191.4	194.0	2CR	CHERTY TUFF Light grey, cherty white, banded at 45 degrees; 191.4 - 191.8 diorite dyke; sharp contact at 45 degrees.
194.0	198.0	1B	DIORITE DYKE Medium grey, fine-grained, massive uniform; sharp contact at 45 degrees.
198.0	198.7	2CR	CHERTY TUFF
198.7	199.0	1B	DIORITE DYKE
199.0	203.7	2BR	RHYLOITE BRECCIA Light grey to white, strongly carbonatized.
203.7	207.0	3D	ARGILLITE Light grey to black; 60% argillite and 40% carbonatized felsic breccia; 5% disseminated marcasite-pyrite.
207.0	212.0	2BR	RHYOLITE BRECCIA Light grey to white, brecciated with black argillite in-filling; strongly calcareous.
212.0	243.0	2E	LITHIC BRECCIA Similar to above with 20% argillite fragments; 1-2% disseminated pyrite; weakly foliated at 45. 226.3 - 226.5 Diorite Dyke: Light green; sharp contact at 80 degrees.
243.0	255.0	2BR	RHYOLITIC BRECCIA Light bluish-grey; fragmented, very strongly carbonatized; infilled with black argillaceous material.

HOLE NUMBER:

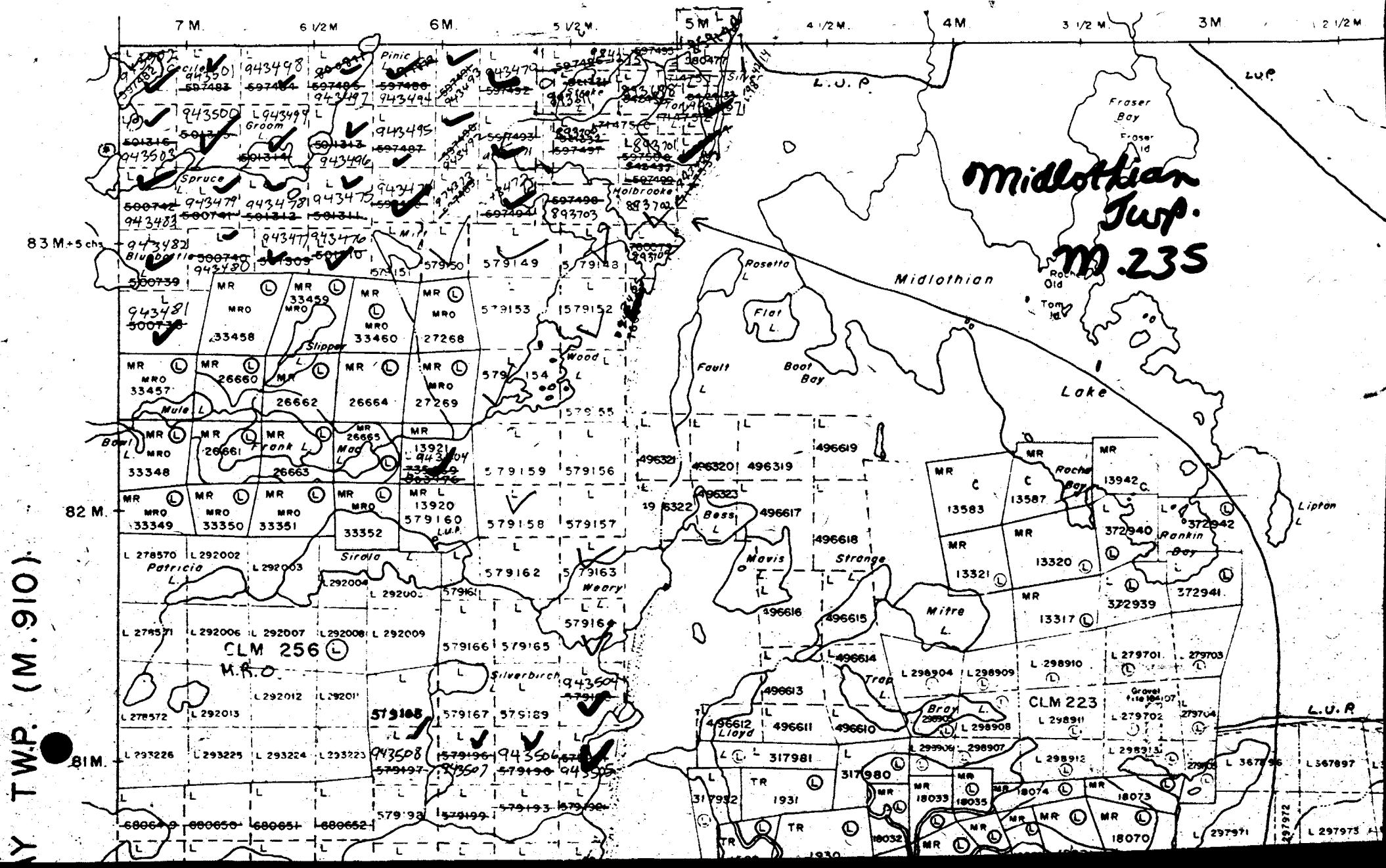
G54

PAGE: 4

From(m) To(m) Code Core Description

255.0	297.0	2BR	FELSIC PYROCLASTIC Light grey to white; subrounded to angular fragments of rhyolite in a very strongly carbonatized matrix. 283.0 - 297.0 1% disseminated pyrite. E.O.H.
	297.0		

MONTROSE TWP. (M.237)



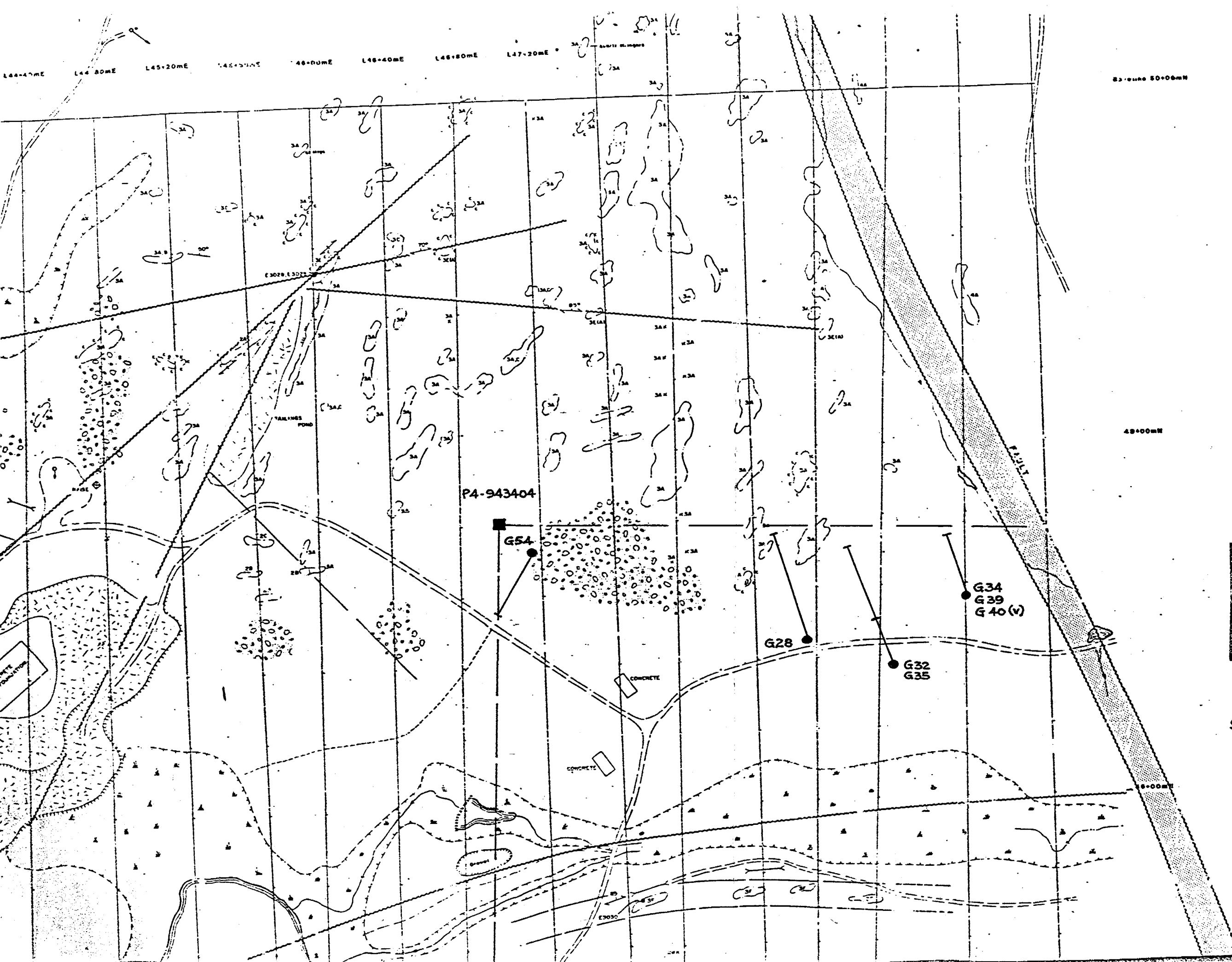
Y TWP. (M.910)

Midlothian Twp. M.235

CLM 256
M.R.O.

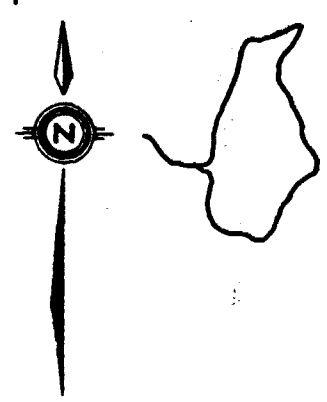
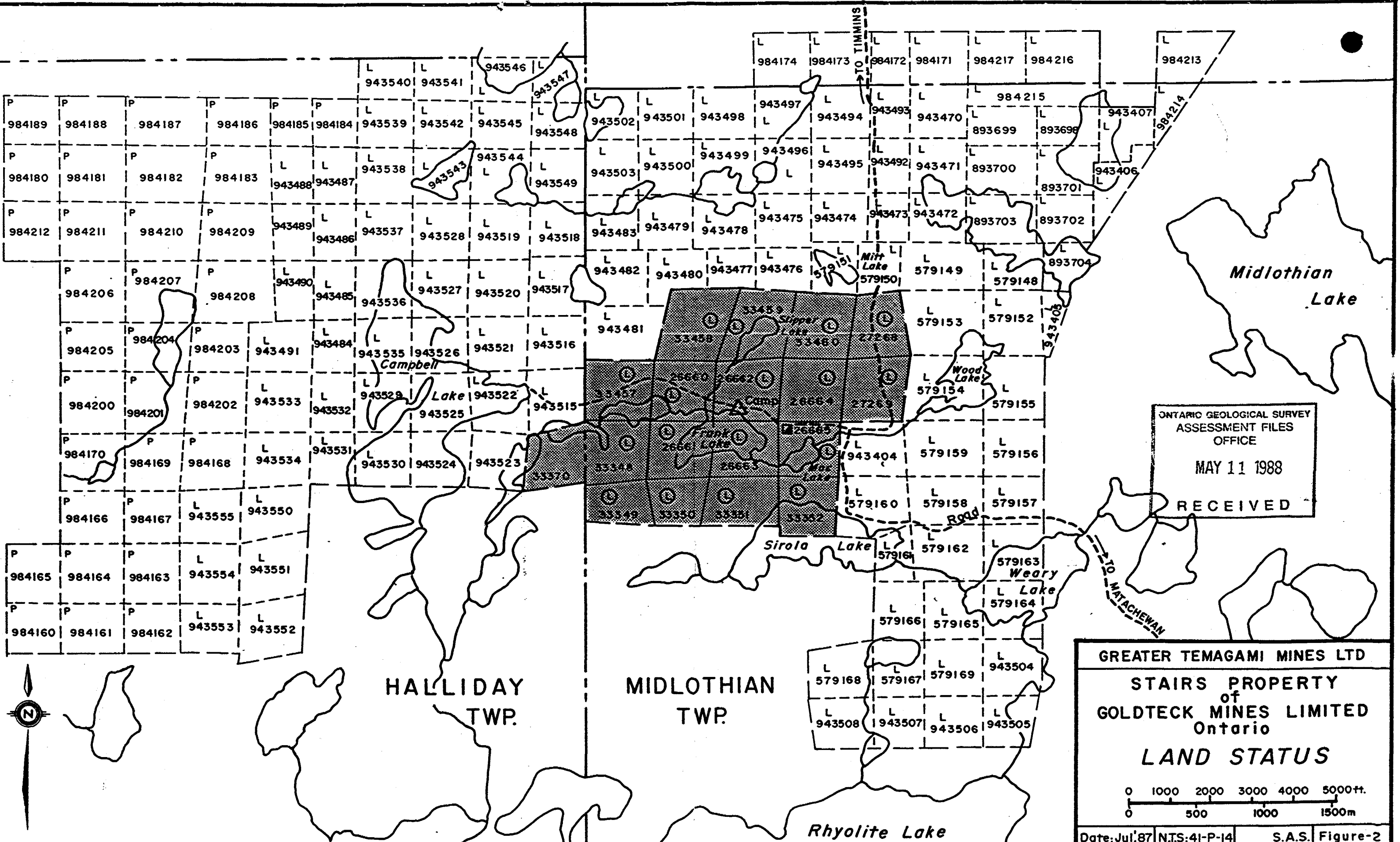
CLM 223

L.U.R



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Scale: 1:2000



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GREATER TEMAGAMI MINES LTD
 STAIRS PROPERTY
 of
 GOLDTECK MINES LIMITED
 Ontario
LAND STATUS

0 1000 2000 3000 4000 5000 ft.
 0 500 1000 1500 m

Date: Jul '87 N.T.S.: 41-P-14 S.A.S. Figure-2

HALLIDAY
 TWP.

MIDLOTHIAN
 TWP.

Rhyolite Lake

Midlothian
 Lake

Road

TO MATCHEWAN

TO TIMMINS

Assess. Lib. E



41P14NE0013 34 MIDLOTHIAN

900

Name and Address of Recorded Holder: **Midlothian Sup. Mini**
Goldteck Mines Limited T - 4753
P.O. Box 170, 1 First Canadian Place, Toronto, Ontario M5X 1G9

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 2140	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	L	893698	80	L	984171	180	L	984213	180
		893699	80		984172	180		984214	160
		893700	80		984173	180		984215	160
		893701	80		984174	180		984216	180
		893702	80					984217	180
		893703	80						
	893704	80							

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILE
 OFFICE
 MAY 11 1988

All the work was performed on Mining Claim(s): **943704 RECEIVED**

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

St. Lambert Drilling Co., Ltd.,
 P.O. Box 473, Valleyfield, Quebec J6S 4V7

Hole No.	Drilling Dates	Depths (metres)
G 28	Dec 8 - 11, 1987	100.0
G 32	Dec 11 - 12, 1987	120.0
G 34	Dec 12 - 15, 1987	60.0
G 35	Dec 10 - 12, 1987	63.0
G 39	Dec 13 - 15, 1987	97.0
G 40	Jan 6 - 8, 1988	156.0
G 54	Jan 25 - 26, 1988	60.0

Total 656.0 metres = 2152 feet

RECORDED
 APR 18 1988
 Receipt # _____

LARDER LAKE MINING DIVISION
RECEIVED
 APR 18 1988
 8.45 am

Date of Report: April 11/88
 Recorded by Holder or Agent (Signature): *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: **T. G. Robinson 1390 Copeland Street**
North Bay, Ontario P1B 3G3
 Date Certified: April 11/88
 Certified by (Signature): *[Signature]*

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific Information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.			
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil