



42A02SE8874 10 HOLMES

010

Diamond Drilling

Township of HOLMES

Report N^o 10

Work performed by: Minorex Limited

Claim N ^o	Hole N ^o	Footage	Date	Note
L 476454-5-6	78-1	246.0	July/78	(1)
	78-2	250.0	July/78	(1)
	78-4	321.0	July/78	(1)
	78-5	316.0	July/78	(1)
	78-6	100.0	Aug/78	(1)

Notes:

(1) #3 - 79

Kenaja

(P)

(P)

(P)

(P)

(P)

Chief L.

Alma Twp.

Holmestun
Maay

(P)

(P)

(P)

(P)

(P)

(P)

M.R. (P)	M.R. (P)	M.R. (P)	M.R. (P)
7785	7788	6222	6223
M.R. (P)	M.R. (P)	M.R. (P)	M.R. (P)
7786	7787	6225	6224
M.R. 6221 (P)			

(P)

(P)

(P)

(P)

(P)

(P)

(P)

(P)

(P)

502953	49575	49576	49577
475457	49578	49579	49580
426623	49581	49582	49583
500131	49584	49585	49586
49587	49588	49589	49590
49591	49592	49593	49594
49595	49596	49597	49598
49599	49600	49601	49602
49603	49604	49605	49606
49607	49608	49609	49610
49611	49612	49613	49614
49615	49616	49617	49618
49619	49620	49621	49622
49623	49624	49625	49626
49627	49628	49629	49630
49631	49632	49633	49634

Galer L.

M.R. 12937
L.O.

M.R. 12936
L.O.

M.R. 12934
L.O.

M.R. 14540
L.O.

M.R. 14539
L.O.

Holmes L.

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6

Flavelle

ASSN

J.V.K.

DIAMOND DRILL RECORD

NAME OF PROPERTY Brookbank Cation
 HOLE NO. 78 - 1 LENGTH 246.0 feet
 LOCATION Alma township, Ontario
 LATITUDE 0.40 South DEPARTURE 1.80 West
 ELEVATION _____ AZIMUTH 210° True DIP -45°
 STARTED July 12, 1978 FINISHED July 15, 1978

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 78 - 1 SHEET NO. 1

REMARKS Hole drilled to test Turam E.M. anomaly near high-grade showing.

LOGGED BY D. B. Cross

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	23.7	Casing in overburden										
23.7	246.0	<p><u>SYENITE</u></p> <p>medium grained, equigranular, 70% orthoclase, 25% chlorite and hornblende, 5% quartz as stringers. Short sections exhibit hematite alteration.</p> <p>36.0 - 50.0: breccia zone, vuggy, trace of sulphides present in form of pyrite.</p> <p>Throughout the section joints occur at 45° to 60° to core axis with some sub-parallel to core axis. Minor carbonate occurs locally.</p> <p><i>D. B. Cross</i></p>										

DIAMOND DRILL RECORD

NAME OF PROPERTY Brookbank Option
 HOLE NO. 78 - 2 LENGTH 250.0 feet
 LOCATION Alma Township, Ontario 400'E, 200'N, #3 - 475656
 LATITUDE 2.50 North DEPARTURE 8.00 West
 ELEVATION _____ AZIMUTH 180° DIP -45°
 STARTED July 17 FINISHED July 20, 1978

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 78 - 2 SHEET NO. 1

REMARKS _____
 Drilled to test weak Turam E.M. feature.

LOGGED BY D. B. Cross

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	34.0	Casing in overburden										
34.0	250.0	<p><u>SYENITE</u></p> <p>Brick-red in colour, porphyritic, medium-grained, equigranular. Consists of 70% orthoclase, 25% chlorite and hornblende, 5% quartz as stringers.</p> <p>34.0 - 93.0: coarse-grained, hematitic section 144.0 - 153.4: breccia zone</p> <p>No sulphide mineralization was seen in the core.</p>										

D. B. Cross

DIAMOND DRILL RECORD

NAME OF PROPERTY Brookbank Option
 HOLE NO. 78 - 4 LENGTH 321.0 feet
 LOCATION Holmes Township, Ontario 70' west of #2 -476454
 LATITUDE 1.30 North DEPARTURE 24.00 East
 ELEVATION _____ AZIMUTH 180° DIP -45°
 STARTED July 25 FINISHED July 30, 1978

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 78 - 4 SHEET NO. 1

REMARKS _____
 Drilled to test coincident Turam
 E.M. and magnetic anomalies.

LOGGED BY D.B. Cross

FOOTAGE		DESCRIPTION	SAMPLE				ASSAY					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			Cu %	Pb %	Ag OZ/TON	Zn OZ/TON	Ni
					FROM	TO	TOTAL					
0	13.0	Casing in overburden										
13.0	86.0	<u>SYENITE PORPHYRY</u> Consists essentially of Orthoclase 80%, hornblende and chlorite 20%, salt and pepper texture, weakly magnetic throughout. Joints and minor carbonate veinlets cut the core at an angle of 40° to the core axis. 13.0 - 30.0: coarse-grained, mafic syenite porphyry 30.0 - 32.5: fine-grained syenite, minor tourmaline and magnetite. Very weakly magnetic. Occasional bleb of pyrite and chalcopryite. 32.5 - 34.0: coarse-grained mafic syenite porphyry 34.0 - 35.2: fine-grained syenite, minor chalcopryite occurs as discrete blebs and as a fine dissemination associated with siliceous differentiates. Very weakly magnetic. 35.2 - 36.2: fine-grained syenite, minor pyrite and chalcopryite. 36.2 - 39.6: coarse-grained syenite 39.6 - 41.0: fine-grained syenite, very weakly magnetic, pyrite and chalcopryite finely distributed throughout. Pyrite occurs as euhedral crystals chalcopryite occurs as fracture-fillings. Contacts sharply defined at 30° to core axis. 41.0 - 86.0: Mafic syenite, weakly magnetic, veinlets and jointing at 30 - 45° to core axis.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Brookbank Option
 HOLE NO. 78 - 5 LENGTH 316.0 feet
 LOCATION Holmes Township, Ontario 70' west of #2 - 476454
 LATITUDE 1.50 South DEPARTURE 24.00 East
 ELEVATION _____ AZIMUTH 180° DIP -45°
 STARTED July 30 FINISHED August 2, 1978

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 78 - 5 SHEET NO. 1

REMARKS
 Hole drilled to test coincident
 Turam E.M. and magnetic anomalies.

LOGGED BY D.B. Cross

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	39.0	Casing in overburden										
39.0	60.0	<u>ANDESITE</u> Composition highly variable due to numerous intrusions of feldspar porphyry material. Consists of fragments of andesite cemented by a matrix of feldspar porphyry and a massive pyrrhotite-pyrite complex. Minor chalcopyrite is preferentially found in the andesite fragments. Degree of brecciation increases from 47.0 to 60.0. Core is moderately magnetic, gives no response to HCl test. Serpentine developed in some joints.										
60.0	63.6	<u>FELDSPAR PORPHYRY</u> Consists essentially of orthoclase and chlorite, coarse-grained. Feldspar shows hematite alteration. Occasional pyrrhotite grain visible, weakly magnetic, essentially barren of andesite fragments.										
63.6	227.0	<u>ANDESITE</u> Massive flow unit with occasional intrusions of syenite and feldspar porphyry. Some sections contain up to 30% pyrrhotite. Crude foliation at 40° to core axis. 109.0 - 112.0: fine-grained syenite, contains finely disseminated cpy. 144.0 and 171.0: massive pyrite in minor quartz veins.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Brookbank Option

HOLE NO. 78 - 5 SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
227.0	243.5	<p><u>SYENITE</u></p> <p>Shows hematite alteration, contains 2 to 3% quartz as stringers and fracture fillings, minor cpy.</p> <p>234.0 - 241.0: high hematiye content</p>									
243.5	316.0	<p><u>DACITE</u></p> <p>Upper contact gradational, minor intrusions of feldspar porphyry and syenite occur over 1 to 2 foot core lengths, weakly magnetic, carbonatized, carbonate occurs as fracture fillings. Minor po, py.</p> <p>241.0 - 242.0: cpy in fracture 252.5 - 253.0: chartreuse coloured chert unit 258.0 - 259.0: chert unit</p>									

D. Blum

LANGRIDGE LIMITED - TORONTO - 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Brookbank Option
 HOLE NO. 78 - 6 LENGTH 100.0 feet
 LOCATION Alma Township 500' south of #1 - 475656
 LATITUDE 2.00 South DEPARTURE 1.00 East
 ELEVATION _____ AZIMUTH 180° DIP -45°
 STARTED August 4 FINISHED August 5, 1978

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

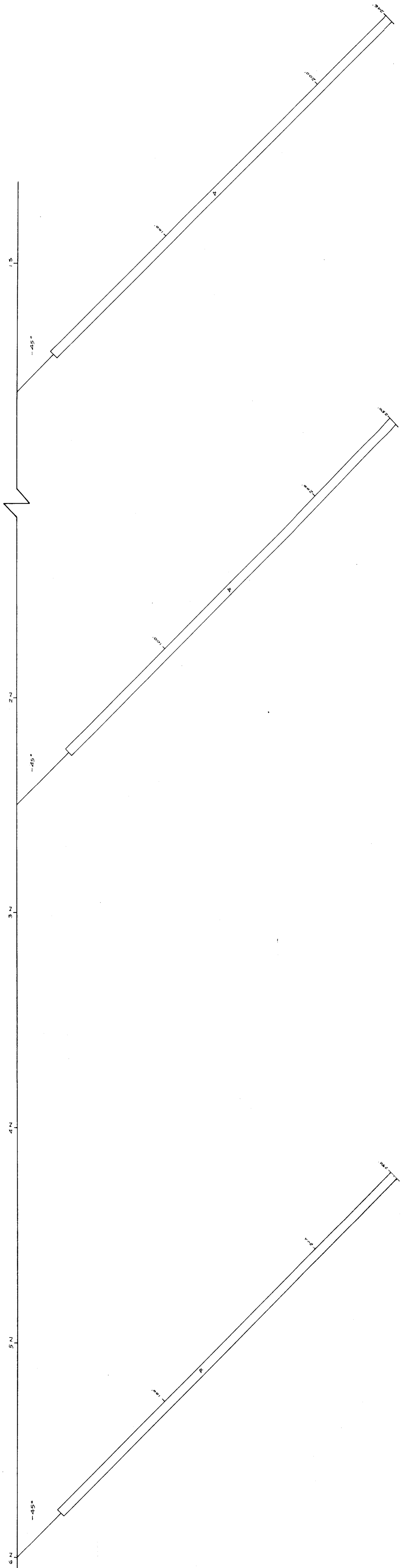
HOLE NO. 78 - 6 SHEET NO. 1

REMARKS _____
 Hole drilled to test surface showing.

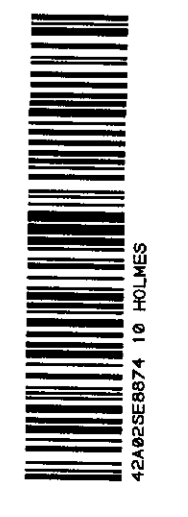
LOGGED BY D.B. Cross

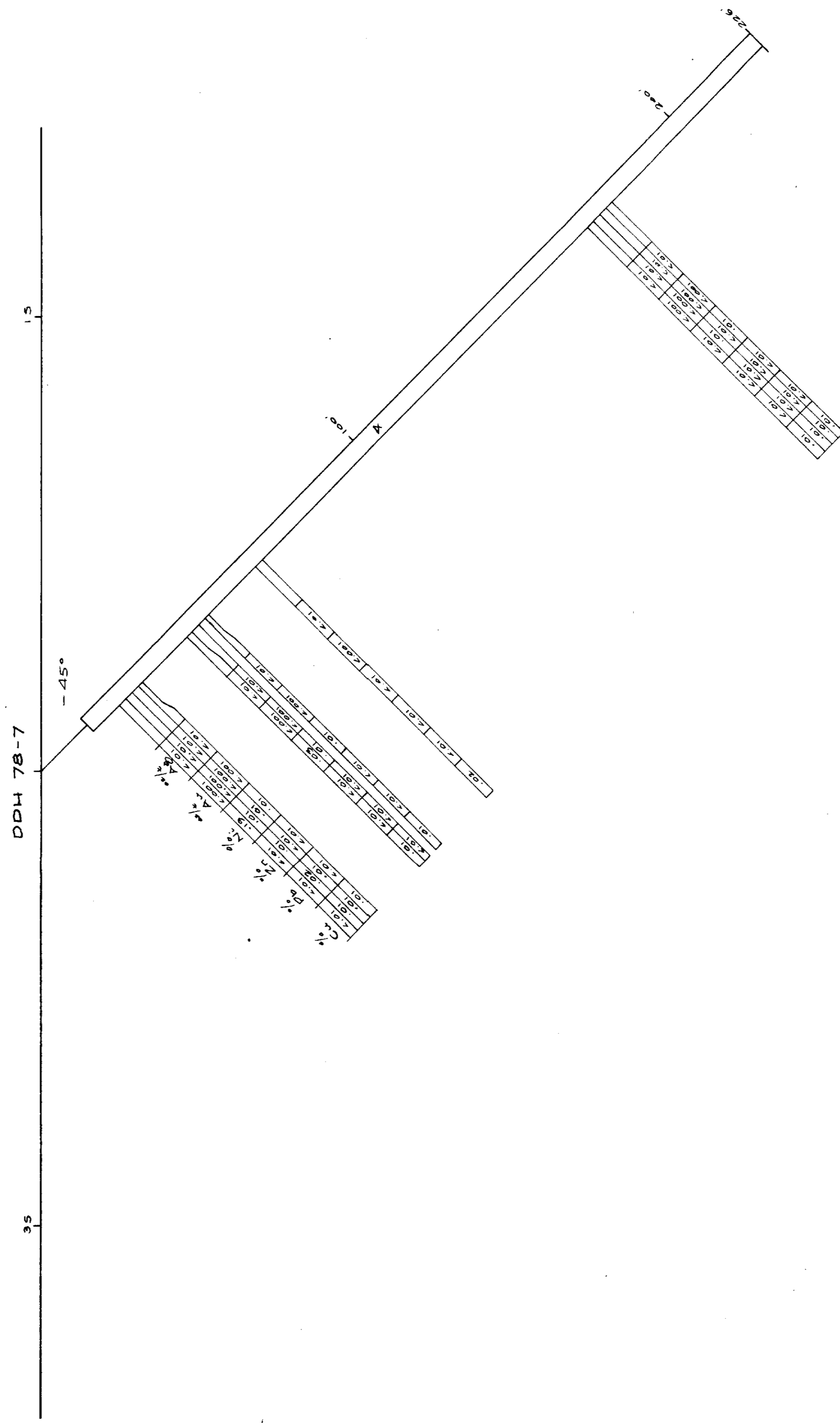
FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON		
					FROM	TO	TOTAL						
0	10.0	Casing in overburden											
10.0	100.0	<u>SYENITE PORPHYRY</u> Medium-grained, equigranular, 70% orthoclase, 25% chlorite and hornblende, 5% quartz as stringers. Some short sections show hematite alteration. 17.0 : minor sulphides 57.0 - 65.0: fine-grained section, minor sulphides 71.0 - 86.0: fine-grained section 93.0 - 94.0: fine-grained section 96.0 - 97.0: fine-grained section											

D.B. Cross



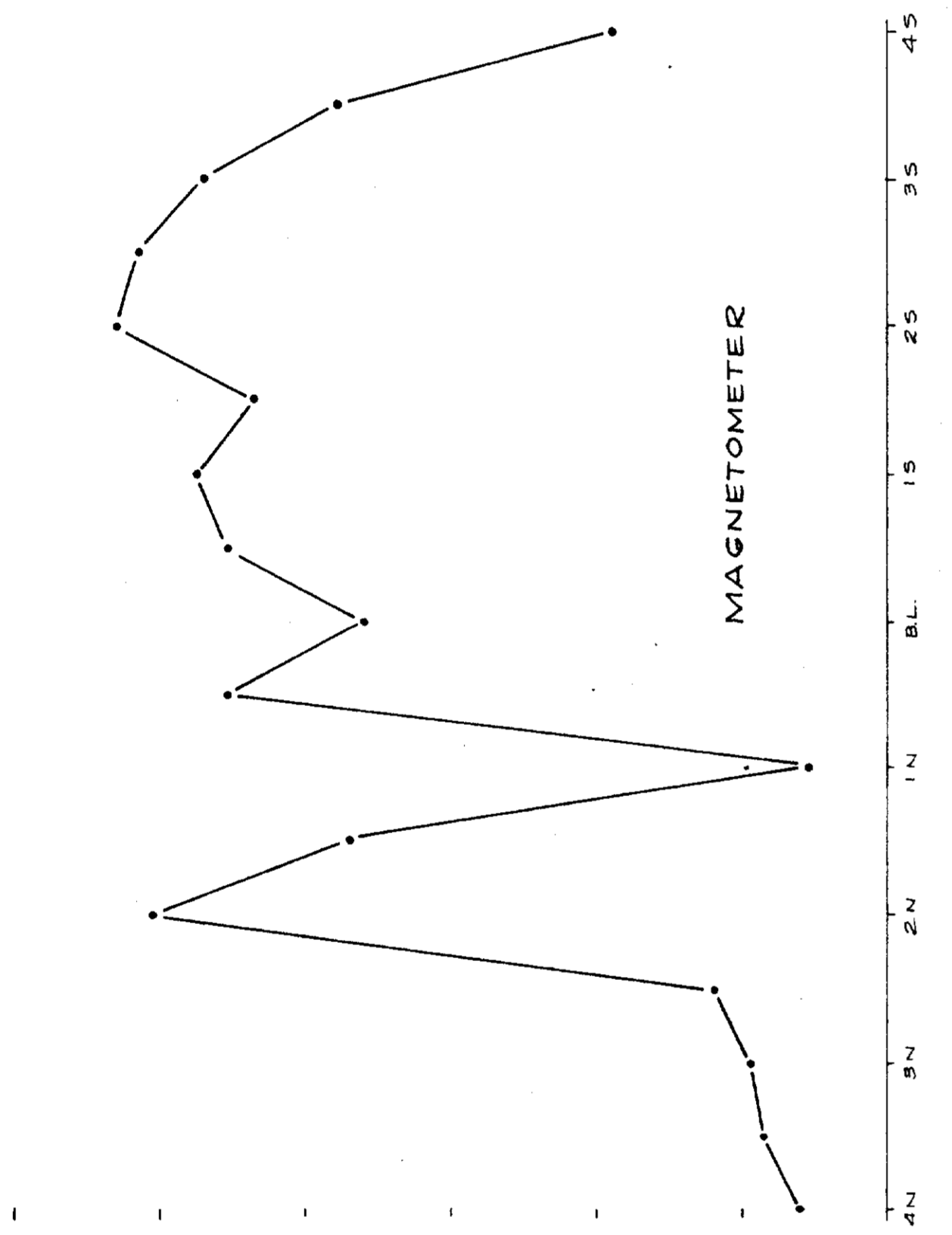
MINOREX LIMITED	
BROOKBANK OPTION	
Matschewan, Ontario	
HOLES 78 - 1, 2, and 3	
Looking east	
DIAMOND DRILLING	
December, 1978	Scale: 1 inch = 20 feet
Lander Lake Mining Division	
Proj. No. 837-001-11	



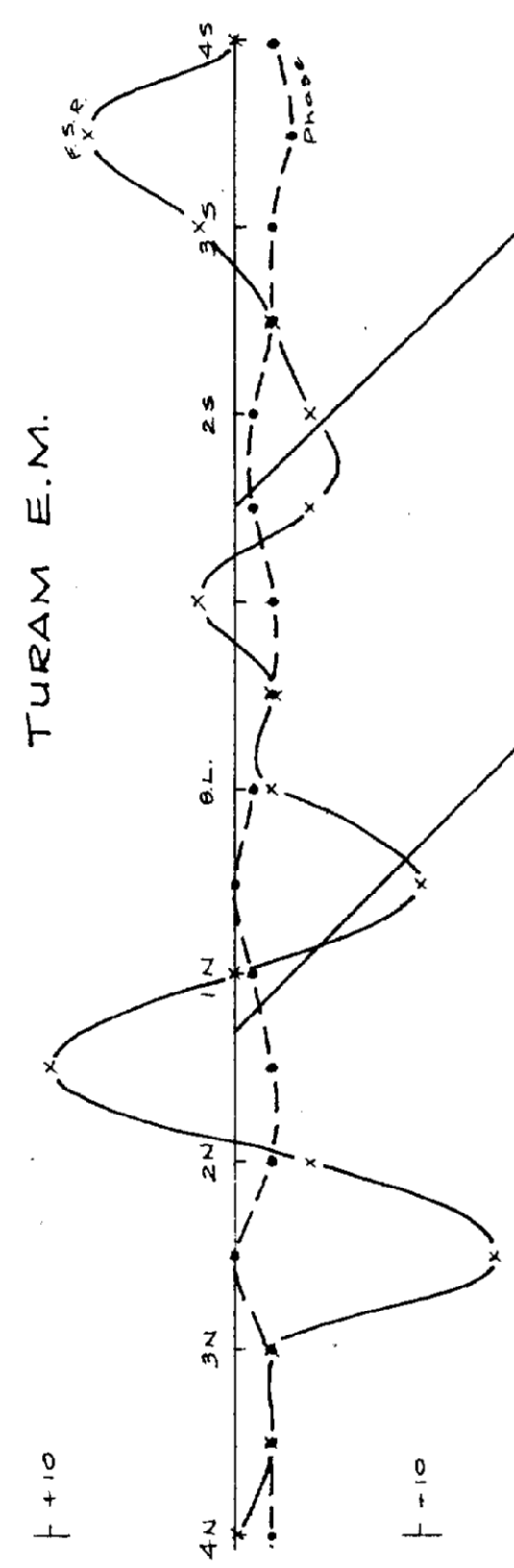


MINOREX LIMITED
BROOKBANK OPTION
 Matchewan, Ontario
 Section 1400 E. Looking N.W.
DIAMOND DRILLING
 Larder Lake Mining Division
 December, 1978
 Sheet: Trench 20644 Dwg. No. 237-dfr-14

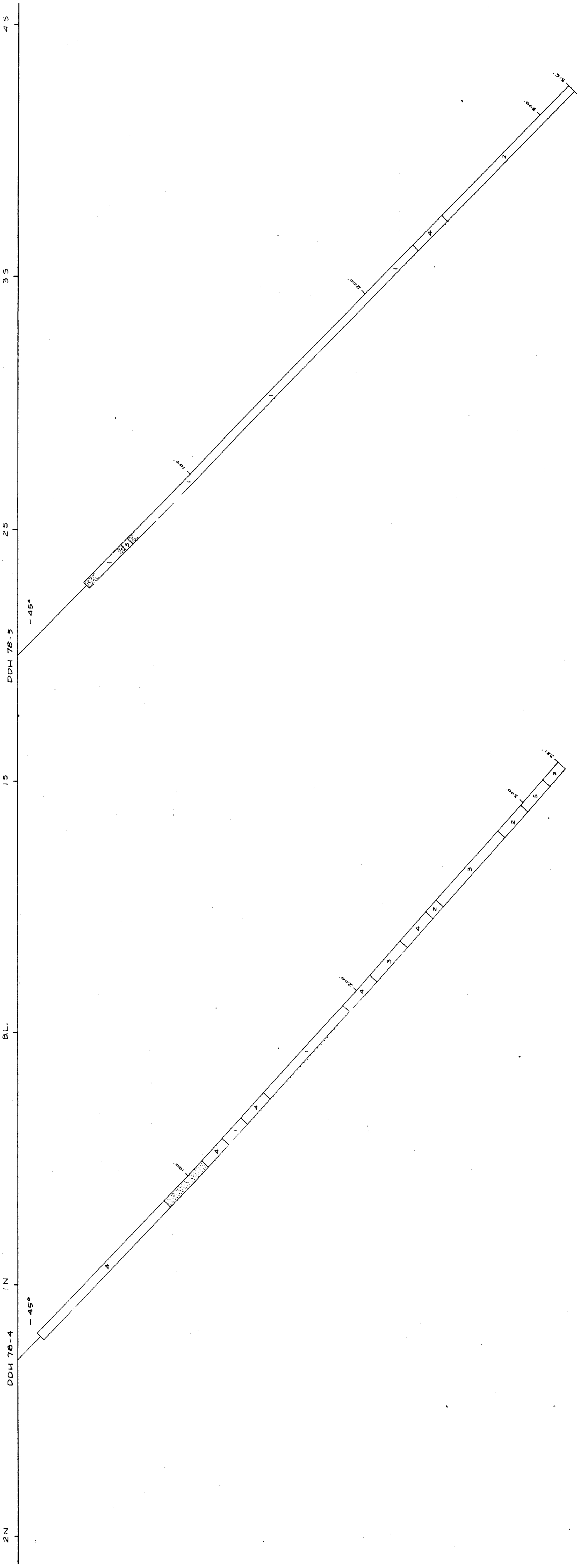
TOTAL VERTICAL MAGNETIC FIELD (Gauss)



MAGNETOMETER



TURAM E.M.I.



- 5 Feldspar porphyry
- 4 Syenite
- 3 Breccia zone
- 2 Dacite
- 1 Andesite, pyroxenite

MINOREX LIMITED
 BROOKBANK OPTION
 Metcawan, Ontario
 Section 24-00 E Looking east
DIAMOND DRILLING
 Larder Lake Mining Division
 December 1978 *Scale: 1 inch=20 feet Dwg No. 24-00-12