

010

#### **Diamond Drilling**

Township of HOLMES

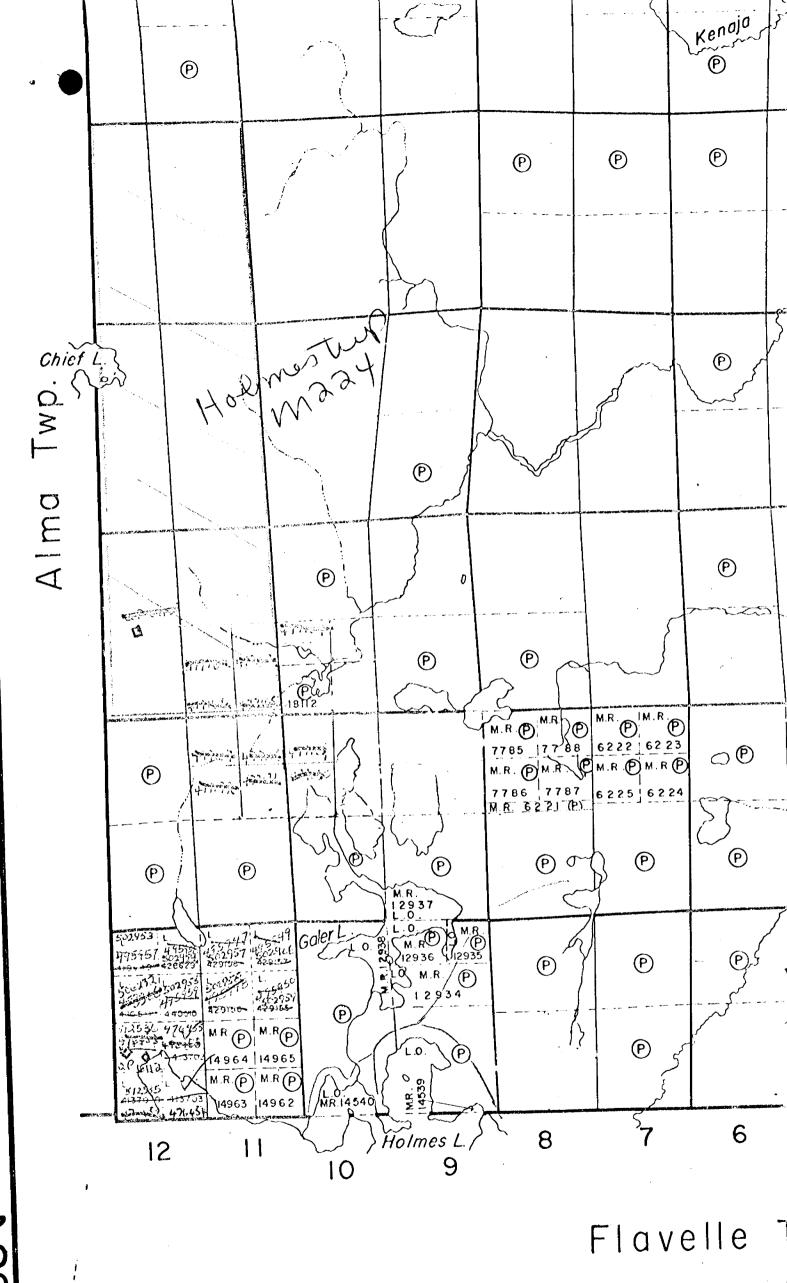
Report NO 10

Work performed by: Minorex Limited

Claim Nº	Hole No	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



NS

NAME OF	PROPERTY	Br	ool-bank Cot	ion			
				246.0 feet			
				1.80 West			
ELEVATION			AZIMUTH	210° True	DIP	-45°	
STARTED	July 12.	1978	FINISHED	July 15, 1978			

FOOTAGE	DIP	AZIMUTH	F00TAGE	DIP	AZIMUTH

HOLE NO. 78 - 1 SHEET NO. 1

REMARKS Hole drilled to test
Turam E.M. anomaly near highgrade showing.

LOGGED BY \_\_\_ D. B. Cross

ſ	FOO	TAGE	DESCRIPTION			SAMP	LE			А	SSAY	s	
	FROM	то	DESCRIPTION	NO.	% SUL PH- IDES	FROM	FOOTAGE TO	TOTAL	38	<b>%</b>	OZ/TON	OZ/TON	
	0	23.7	Casing in overburden										
	23.7	246.0	SYENITE										
			medium grained, equigranular, 70% orthoclase, 25% chlorite and hornblende, 5% quartz as stringers. Short sections exhibit						` .				
			hematite alteration.										
			36.0 - 50.0: breccia zone, vuggy, trace of sulphides present in form of pyrite.										
1			Throughout the section joints occur at 45° to 60° to core axis										İ
68			with some sub-parralel to core axis. Minor carbonate occurs										
366-11			locally.										
TORONTO +			DBlow										
WITED -													
LANGRIDGE	2												
LA											·		

NAME OF	PROPERTY	Brookbank Op	tion			
OLE NO	78 - 2	LENGTH	250.0	feet		
OCATION		Alma Township,	Ontario	400'E,	200'N, #3	<u> </u>
ATITUDE	2.50 Nort	h DEPARTURE	8.00 V	lest		
LEVATION		AZIMUTH	180°	DIF	_450	
TARTED	July 17	FINISHED	July	20, 197	8	

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

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

LOGGED BY D. B. Cross

FOOTA	AGE				S A M P	LE			A	5 5 A \	7 5
	то	DESCRIPTION	NO.	SULPH- IDES	FROM	TO TAGE	TOTAL	75	%	OZ/TON	OZ/TON
	34.0	Casing in overburden SYENITE									
		Brick-red in colour, porphyritic, medium-grained, equigranular. Consists of 70% orthoclase, 25% chlorite and hornblende, 5% quartz as stringers.  34.0 - 93.0: coarse-grained, hematitic section 144.0 -153.4: breccia zone									
		No sulphide mineralization was seen in the core.									
		DBlam									

NAME OF	PROPERTY	Brook	bank Opt	ion			
	78 - 4						
LOCATION	Holmes	Township,	Ontario	70' w	est of #	2 -476454	_
	1.30 North						
	July 25						_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 78 - 4 SHEET NO. 1 Drilled to test coincident Turam E.M. and magnetic anomalies.

LOGGED BY D.B. Cress

FC	оот	AGE	DESCRIPTION			SAMP	LE		Cu	Pb A	SAS A Y	SAg	Zn
FR	ОМ	то	DESCRIPTION	NO.	SULPH- IDES	FROM	FOOTAGE TO	TOTAL	78	36	OZ/TON	OZ/TON	
	0	13.0 86.0	Casing in overburden SYENITE PORPHYRY							- - -			
			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.										
10-366-1168			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 chalcopyrite.  32.5 - 34.0: coarse-grained mafic syenite porphyry 34.0 - 35.2: fine-grained syenite, minor chalcopyrite occur 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 chalcopyrite.  36.2 - 39.6: coarse-grained syenite	5									
ANGRIDGE SMITED - TORONTO			39.6 - 41.0: fine-grained syenite, very weakly magnetic, pyrite and chalcopyrite finely distributed throughout. Pyrite occurs as euhedral crystals chalcopyrite 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.										
2													

F001	TAGE	DESCRIPTION			SAMP	LE,				ASSAYS		
FROM	то	DESCRIPTION	NO.	% SULPH	FROM	FOOTAGE TO	TOTAL	٠,	*.	OZ/TON	OZ. TON	
86.0	108.0	ANDESITE  Dark green in colour, massive flow unit, sharp upper contact at 30° to core axis. Abundant quartz - carbonate - chlorite veinlets at 35° to core axis. Moderate to strongly magnetic.  Consists of 40% chlorite, 30% pyrrhotite, 15% quartz, 10% feldspar										
		and 5% carbonate, pyrrhotite is scattered uniformly throughout the section. Occasional blebs of chalcopyrite occur within pyrrhotite and in quartz - carbonate veinlets. Scattered breccia zones and inclusions of mafic syenite occur. Lower contact gradational over 1 foot.										
		92.0 - 93.0: syenite										
108.0	120.0	SYENITE PORPHYRY  Mafic, weakly magnetic.										
	131.0	ANDESITE TUFF  Light green in colour, moderately magnetic, upper contact sharply defined at 70° to core axis, foliation at 45° to core axis. Cubic pyrite occurs throughout the section with minor chalcopyrite.  Lithic fragments consist of feldspar pebbles within a mafic matrix. Matrix consists of chlorite and quartz - carbpnate material. Average size of clasts is % inch. Lower contact sharply defined at 50° to core axis. Core badly broken at 128.0	1,									
	·					-						

NAME OF PRO	PERTY	Brookbank Option		
	78 - 4		3	

F00	TAGE	DESCRIPTION			SAMPL	-E				ASSAYS		
FROM	то	DESCRIPTION	ΝО.	% SULPH,	FROM	FOOTAGE TO	TOTAL	2.0	7,	OZ/TON	OZ, TON	
131.0	144.5	SYENITE PORPHYRY  Pink colour, less mafic than section from 108.0 to 120.0, more carbonate present. Some partially assimilated andesite pebbles recognizable. Short sections are weakly magnetic.										
144.5	192.0	Dark green in colour, upper contact sharp at 300 to core axis.  Cverall massive appearance with quartz — feldspar material being injected as fracture fillings and as lithic fragments up to 6 inches in diameter.  The unit is weakly magnetic containing less than 5% pyrrhotite.  Contains 2% euhedral pyrite and occasional bleb of chalcopyrite.  Pyrrhotite content decreases with depth. Texture becomes coarser with depth.										
	207.5	Overall pink colour peppered with small fragments of andesite and hornblende crystals. Upper contact sharply defined at 30° to core axis, lower contact gradational over 3 feet and contains abundant lithic fragments.  Non-magnetic. Weak mineralization occurs on periphery of lithic fragments and within them.										

NAME OF PROPERTY\_\_\_\_\_\_Brookbank Cption

HOLE NO. \_\_\_\_\_\_78 - 4 \_\_\_\_\_ SHEET NO. \_\_\_\_4

F00	TAGE	DESCRIPTION			SAMPL	-E,				ASSAYS		
FROM	то	DESCRIPTION	NO.	% SULPH,	FROM	FOOTAGE TO	TOTAL	7.	%	OZ/TON	02, TON	
207.5	276.0	BRECCIA ZONE  Consists of large, I foot diameter, andesite fragments cemented together by syenite porphyry and quartz — feldspar porphyry material. Minor late stage carbonate veins cut all lithologies present.  Mafic sections are weakly magnetic. Minor sulphides.										
226.0	241.5	DACITE  Dark grey in colour, massive, abundant carbonate stringers, minor pyrite, pyrrhotite. Locally magnetic.			·							
247.5	284.8	Abundant large andesite-dacite fragments cemented by syenite and coarsely crystalline quartz - carbonate matrix.  261.0 - 264.5: Dacite, weakly magnetic, minor cpy.										
284.8	298.7	DACITE  Texture highly variable, abundant intrusions of feldspar porphyry, locally magnetic. Minor py and cpy.			•							

NAME OF PROPERTY Brookbank Cption

78 - 4

SUEET NO. 5

			T-				······································					
F00	TAGE	DESCRIPTION			SAMPL	-E,				ASSAYS		
FROM	то	5235KW 116W	NO.	% SULPH		FOOTAGE		~.	٠,	OZ-TON	OZ TON	
			+	IDES	FROM	то	TOTAL	•	•			
298.7	312.0	OUARTZ - FELDSPAR PCRPHYRY										
		Mafic, coarse-grained, abundant dacite fragments, feldspar phenocrysts up to 1 inch in length.										
312.0	321.0	DACITE										
		Upper 3 feet cherty, aphanitic, chartreuse colour, moderately magnetic.										
		·										
						:						·
		DBlam.										
	:	M. Comments of the comments of										
	,											
						•						

NAME OF	PROPERTY	Brookban	ak Option
IOLE NO	78 <b>-</b> 5	LENGTH	316.0 feet
OCATION	Holmes	Township.	Ontario 70' west of #2 - 476454
ATITUDE	1.50 South	DEPARTU	JRE24.00 East
LEVATION		AZIMUTH	180° DIP45°
	July 30	FINISHED	August 2, 1978

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
				l	

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

LOGGED BY D.B. Cress

Ī	FOOT	AGE				SAMP	LE			A	SSA	/ S	
ŀ	FROM	то	DESCRIPTION	NO.	SUL PH-	FROM	FOOTAGE TO	TOTAL	る	**	OZ/TON	OZ/TON	
-													
	0	39.0	Casing in overburden										
	39.0	60.0	ANDESITE				<u> </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	FELDSPAR PORPHYRY										İ
0-366-1168			Consists essentially of orthoclase and chlorite, coarse-grained. Feldspar shows hematite alteration. Occasional pyrrhotite grain visible, weakly magnetic, essentially barren of andesite fragments.										
TORONTO	63.6	227.0	ANDESITE										
CIMITED - TO			Massive flow unit with occasional intrusions of syenite and feldspar porphyry.  Some sections contain up to 30% pyrrhotite. Crude foliation at 400 to core axis.										
LANGRIDGE			109.0 - 112.0: fine-grained syenite, contains finely disseminated cpy. 144.0 and 171.0: massive pyrite in minor quartz veins.										
	L	1		1	<u> </u>		_1	1		ļ	1		<u> </u>

NAME OF PROPERTY Brookbank Cption 

F001	TAGE				SAMPL	.E			· · ·	ASSAYS		
FROM	то	DESCRIPTION	NO.	% SULPH		FOOTAGE		-	·.	OZ TON	OZ TON	
				IDES	FROM	<b>TO</b>	TOTAL	•	•			
227.0	243.5	SYENITE			:							
		Shows hematite alteration, contains 2 to 3% quartz as stringers and fracture fillings, minor cpy.										
		234.0 - 241.0: high hematiye content										
243.5	316.0	DACITE										
		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.  Ninor po, py.										
		241.0 - 242.0: cpy in fracture 252.5 - 253.0: chartreuse coloured chert unit 258.0 - 259.0: chert unit										
		DBlow										

NAME OF	F P	ROPERTY		Brookbank	Option					
HOLE NO		78 -	6	_ LENGTH _	100.	.0 fe	et		·	
LOCATIO	ν Ν		Alma	Township	500° s	outh	of #	1 -	475656	
				DEPARTUR						
ELEVATION	 ои			AZIMUTH _	180	0		DIP	<u>-45°</u>	)
		August 4		FINISHED	Augus	st 5,	197	8		

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 78 - 6 SHEET NO. 1

REMARKS

Hole drilled to test surface showing.

LOGGED BY D.B. Cress

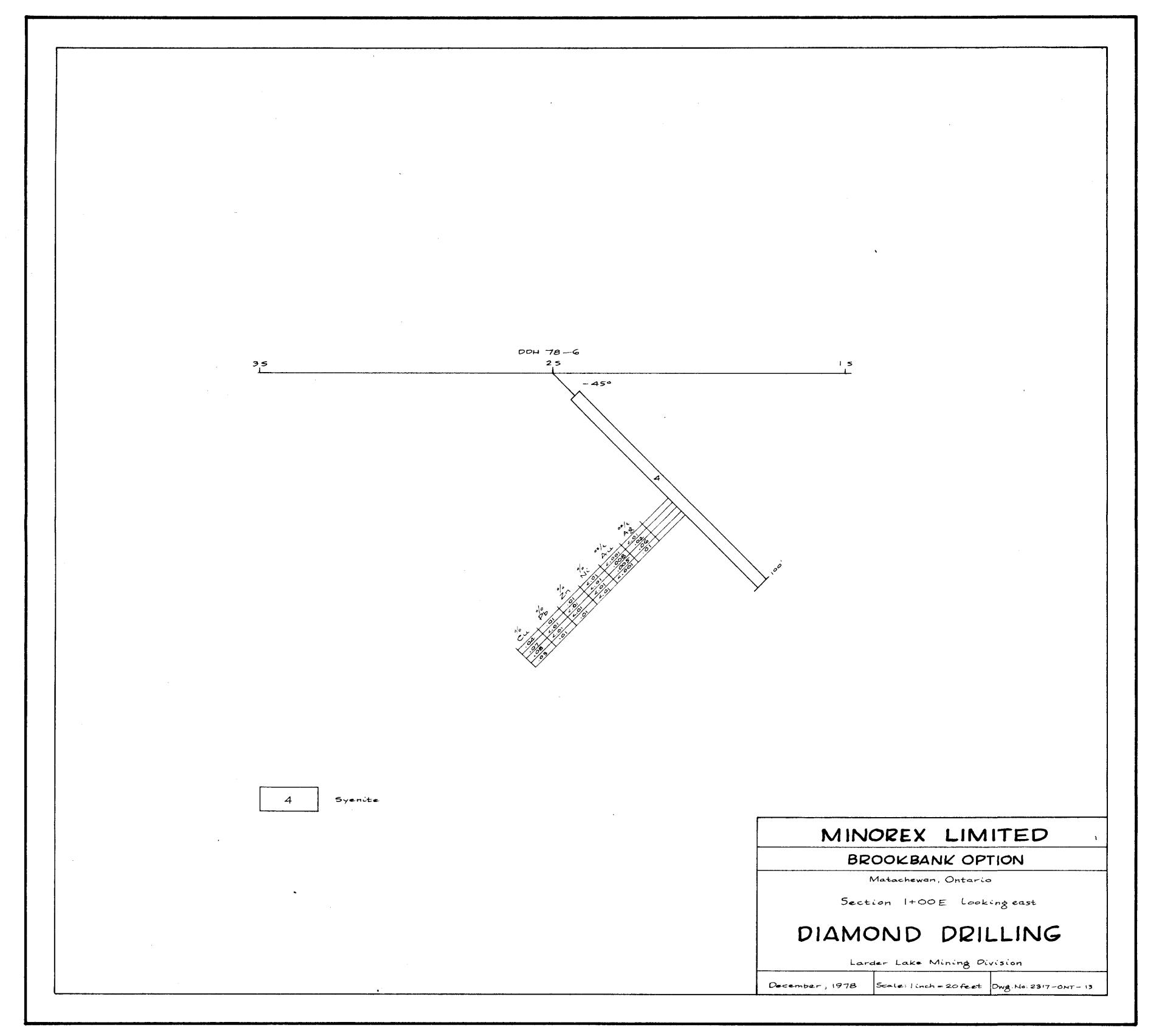
- O O T A	GE				SAMP	LE			A	5 5 A Y	' S
FROM T	то	DESCRIPTION	NO.	SUL PH-	FROM	FOOTAGE TO	TOTAL	7.0	₹,	OZ/TON	oz/ton
0 1	10.0	Casing in overburden									
10.0 10	0.00	SYENITE PORPHYRY						,			
		Medium-grained, equigranular, 70% orthoclase, 25% chlorite and hornblende, 5% quartz as stringers. Some 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									
		DB.Com									

MINOREX L
BROOKBANK

42A@2SE8874 10 HOLMES

DRILLING MINOREX LIMITED
BROOKBANK OPTION
Matachewan, Ontario DIAMOND

42A02SE8874 10 HOLMES



MINOREX LIMITE BROOKBANK OPTION Matachewan, Ontario TOTAL VERTICAL MAGNETIC FIELD (Gammas)

42A02SE8874 10 HOLMES