

528145W0007 63.4720 HUTCHINSON

Consulting Geo: 143 Harlandale Avenue, Willowdale, Ontario M2N 1P5

#### REPORT ON THE ANJAMIN DRILLING PROJECT

1985

#### OM85-195

In October 1985 a 1840.0 m diamond drill program commenced on the Anjamin property. The contractor was St. Lambert Drilling Company, Valleyfield, Quebec. The job was supervised by geologists Peter W. Holmes and Gille Arseneau. The purpose of this program was to test the gold-bearing shear zone in the immediate area of the Anjamin shaft, with intersections both at depth and laterally along strike, as well as, to test geochemical and geophysical anomalies outlined from the 1984 field surveys. In addition to the drill program, an up-to-date geological map of the shaft area was compiled, detailed prospecting on the Anjamin grid was carried out, and visits were made to other potential prospects in the Atikokan region.

The following is a summary of the 13 diamond drill holes completed: (see attached map and longitudinal section).

AJC-85-1

Location: - 4980 N, 4975 E Bearing: - 360 azimuth Dip: - - 60 Depth: - 75.0 m

Purpose: - To verify mineralized section encountered in 1966, S-3 hole (1.29 oz Au/7.0')

Results: - 38.94 m to 39.9 m = 3.4 Ft at 0.12 oz Au/ton 39.9 m to 40.5 m = 1.96 Ft at 0.31 oz Au/ton 58.25 m to 60.1 m = 6.0 Ft at 0.2 oz Au/ton

#### AJC-85-2

Purpose: -	To obtain a shallow cross-section through the gold bearing shear zone, to the west of the shaft.
Results: -	24.84 m to 27.65 m - 0.012 oz Au/ton 27.65 m to 28.8 m - 0.40 oz Au/ton

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Weighted

Average: - 0.228 oz Au/ton across 6.77 Ft.

#### AJC-85-3

Purpose: -	To obtain a deep intercept below the Anjamin Shaft (Approx. 160 m) and test 1P-1.
Results: -	42.83 m to 44.34 m - 0.029 oz Au/ton 150.09 m to 151.56 m - 0.04 oz Au/ton
	uartz-tourmaline zone was intersected between 161.38 m; no economic gold values were encountered.

#### AJC-85-4

Location: -	4905 N, 5000 E	
Bearing: -	330 azimuth	
Dip: -	- 45	
Depth: -	148.0 m	

Purpose: - To obtain an intermediate cut through the zone below the Anjamin Shaft (approx. 90.0 m) and test 1P-1.

Results: - The sheared quartz-tourmaline zone was intersected between 122.33 m to 126.05 m. The best assay was from 125.02 m - 126.05 m (3.4') at 0.057 oz Au/ton.

#### AJC-85-5

Location: -	4920 N, 5075	Ε
Bearing: -	330 azimuth	
Dip: -	- 45	
Depth: -	150.0 m	

Purpose: - To intersect mineralized structure to cast off the shaft.

Results: - The mineralized structure was not encountered and no gold values were detected (all assays were Nil).

#### AJC-85-6

Location: - 5100 N, 4850 E Bearing: - 150 azimuth

		·	
Dip: Deptl	- h: -	- 45 201.0 m	
Purpo	ose: -	To obtain an intersection through west of the shaft and test 1P-1.	the zone to the
Resu		No significant intersection or gol encountered.	d values were
AJC-	85-7		
Bear Dip:	ing: -	5089 N, 4925 E 150 azimuth - 60 201.0 m	
Purpo	ose: -	To test geochem anomaly, trenches zone in this area to the west of A	
Resu	lts: -	87.0 m - 88.73 m (5.8') at 0.025 c	z Au/ton
AJC-	85-8		
Bear Dip:	ing: -	5100 N, 4975 E 150 azimuth - 70 300.0 m	
Purp	ose: -	To obtain a deep intersection belo the west.	ow shaft and to
Resu	lts: -	Gold-bearing quartz-tournaline she encountered from 212.27 to 214.6 m 3.3 ft assaying 0.15 gold/ton.	
AJC-	85-9		
Bear Dip:	tion: - ing: - h: -	5040 N, 5025 E 150 azimuth - 50 75.0 m	
Purp	ose: -	To obtain a shallow intersection the shaft.	to the west of
Resu	lts: -	52.83 - 54.0 m (3.8 Ft) assayed 0	.88 oz Gold/ton.
AJC-	85-10		
		5040 N, 4900 E 150 azimuth	

Dip: - - 50 Depth: - 75.0 m

Purpose: - A shallow step-out hole to the west of the shaft. Results: - 4.93 m to 7.38 m (8.0 Ft) - 0.017 oz gold/ton 7.38 m to 7.71 (1.08 Ft) assayed 0.21 oz gold/ton.

AJC-85-11

Location: - 5130 N, 5500 E Bearing: - 330 azimuth Dip: - - 45 Depth: - 75.0 m

Purpose: - To test 1P-2 and northern shear zone.

Results: - No significant gold values were encountered.

AJC-85-12

Location: - 5130 N, 5450 E Bearing: - 330 azimuth Dip: 45 Depth: - 78.0 m	
Purpose: - To test 1P-2 and northern shear zone.	
Results: - No significant gold values were encount	ered

AJC-85-13

Location: -	5089	N, 4775	Е
Bearing: -	150	azimuth	
Dip: -	- 60		
Depth: -	186.	.0 m	

Purpose: - To step out 225.0 m to the west of Anjamin shaft, test 1P-1 and geochem high, as well as, get a 140.0 m vertical intercept.

Results: - No significant gold values were encountered.

In total 1840.0 m of diamond drilling was completed. Eleven of the thirteen diamond drill holes completed were set-up and collared to penetrate the Anjamin Mine quartz-tourmaline-goldbearing shear zone. Three of these AJC-85-1, AJC-85-2 and AJC-85-8 returned narrow intersections with anomalous, however subeconomic gold concentrations.

AJC-85-12 and AJC-85-11 drilled were at a northernly located shear zone and I.P. target; results were not encouraging.

Further evaluation and exploration targets are at this time being considered for the 1986 field season.

20th December 1985

W. Holmer - President. eter

PETER W. HOLMES AND ASSOCIATES INC.

-53 5-12 AJC 85-6 AJC 85-13 A32 85-5 AJC 85-4 A3¢ 85-7 A3C 85-3 1985 Drill Holes AJC-1966 Drill Holes S -Lesoures Corporation Interquest SCALE: 1 \$ 1000 AJC 85-8 REVISED DATE: Longitudinal Section 50100N, Anipunin Prosper Drill Hole Kertical Intersections TE PRINTED ON NO. 1000H CLEARPRINT .

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HOLE NO LOCATIO LATITUD ELEVATI	F PROP D. H.X N E ON	- <u>25-5</u> JENGTH 150 M	отаде 57 <u>7</u> 50 М	-42'	AZIMUTH	FOOTAGE			REMA	NO RKS D BY		EET NO.	•
FOO	FAGE	DESCRIPTION				SAM	PLE			٨	SSA	/ S	
FROM	то			N	O. SUL PI	FROM	FOOTAGE TO	TOTAL	%	%	OZ/TON	OZ/TON	
0	2.7	Overburden: - cased, broken zone.											
2.7	15.0	Mefic Volcanice, - banded light to de green well silicified. I Foliation. 40°.	sk af									. •	
15.0	15.54	Porphyry ?- recry stallize, guardz-fe grey, nottled. Well to woode chloritized	Idop	4									
	16.09	Mafie Volcanie: - as above.	- <b></b> -										
16.09	18.10	Brphyny: - same as above shar lower intrusive contact of 25° to drill axis.	J.	-									
18,1	19.28	hafre volcamico- as above.											

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AE OF PROPE E NO	<u>Length</u>	AGE DI	AZIMUT	H FOOTAGE	DIP	AZIMUTH			SH	EET NO
VATION	DEPARTURE DIP AZIMUTH DIP						LOGGE	D BY		
OOTAGE	DESCRIPTION			SAM	PLE			A	SSA	15
ROM TO			NO. SU	PH FROM	FOOTA TO	SE TOTAL	%	%	OZ/TON	OZ/TON
.28 19.69	Porphyny; - same as above.									
	Mafre Voloanie ?- intercelated with porphyry as above.									
1 1	torphyry squarty - feldspan, some a above, however, highly recrystal	() 1								
,18 53.78 ,	Nafie Volcanici- some as above 30m folialton at 50° dark green well chlorifized and silicited SHAYP LOWER CONTACT AT 45° 70 the fore					· · ·				
78 55.28	PORPHYRY: Light grey Re CNYSTALLized, S.L. FLUDded, qUArtz Veining- Minor tour No Sul Phide.	icr MALiH	98	53.स	55.	28				

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NAME OF HOLE NO		FOOTAG	E	DIP	AZIMUTH	FOOTAGE	ייוס 	AZIMUTH		RKS	Sł	
LEVATIO	N	DEPARTURE DIP							LOGGE	D BY		
FOOT						SAM	PLE			A	SSA	YS
FROM	то	DESCRIPTION		N		FROM	F00T#	and the second se	- %	76	OZ/TON	OZ/TON
55.28	57.09	MATIC LILING DATK Arcen File Header HA FLOWS Wer Stender 200, 1-100 RANDONIAL OILENTED CARDEN A LODEL CONTACT AT FOLLOW AND	-	tin,								
57.09	60.40	MAFic VolcANIC: Cofrie gradied Flow or Find gradied dyke. Silicides, Stra MAgnesic, equiquipular, Chan- RANDomly Dried 200 2000000 Venilets.	. 1				-					-
60.40	(5.52	MAFIC VOLCANIC' DAYK GREEN FIRE ATAINS, MASSIVE SLightly Porphyritic CAY bonatized MAFIC FLOW. BANDING AT 45° TO FIE Cove Axis.										
		PORPHYRY: GVEY RECSISTALLIZED CHAPTHIZE QUAYAR FEIDSONC PORTAINE TO Lower contAct AT 70° Tothe Core Axis. MAFIE VOLCANIC DAYK Green MASSIVE FLOW GUESSIGE FIEL WITH BANDOMLY	o ci	<			-					
98.40	79. (4	MAFie VolcANIC DAYK green MASSIVE FLOW SILICIFIED WITH RANDOMLY Oriented CArbonate Veillet Lower contact AT 50° to Core Axis.				-						

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OCATION	C-5     LENGTH       DEPARTURE     DIP					OOTAGE				RKS		
ARTED	FINISHED	المنينينين			N							
FOOTAGE	DESCRIPTION				<i>a</i>	SAMI		A 7	∦	/	SSA	/ S
TO MOST				10. st 10		FROM	F00TA T0	TOTAL	76	%	OZ/TON	OZ/TON
83.74	MATER VOLCANIC: VAYIOLITIC MATER FAID. FOR FRO AT 55° to Cons DAIX to Anter Yeer Kr CAYLOMATE VEIMIETS.	~ ~ ^	43									
34.32	MAFIC VOLCANIC: DATE AVEC NO MARINE 112 112 1 FLOW WORK TELES JANES Vernieres	Con	2									-
1-82 93.87	FURPHYRY: DAYA GILY RECIPHENTER Shight LY Stenico, 113 N Stime As BLOVE.	ć, C P2.		2				••••••••••••••••••••••••••••••••••••••				
3.87 95.90	MAFIC VOLCANIC: VAYIONITIC MPERC FLOR C AS 79.14 to 85.74. Lowo ContAct AT. 45° to Care For Ation AT 95° to Co.	۲ ۲ ۲ ۲ ۲										
	From: 95.75 77 95.00' QUAVEZ VEIN: 378 WHITE QUEVEZ, NO FOR No SULPHIDE.	7141114	_ ر	30	Ċ	94.07	95.0	0				
5.90 107.91	PORPHYRY: Light grey. Siliceous Recty FYACTUYED CHAOTING RECTY biothe PorphyRy	STALLIA	ed									

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AME OF PROPERTY DLE NO. <u>A33-35-5</u> LENGTH	FOOTAGE DI	PAZIMUTH	FOOTAGE	DIP	AZIMUTH		ю RKS		IEET NO.
TITUDE        DEPARTURE          EVATION        AZIMUTH        DIP          ARTED        FINISHED						LOGGE	D BY		
FOOTAGE DESCRIPTION FROM TO			SAM	PLE FOOTAG	E	77		ASSA	Y S
07.91 117:20 MAFIC VOLCANIC: DARK Green, CHLOFIFIC SLI CARBONATIZED, MASSIVE TO FOLIATED, FOLIATION ATGO Axis, RANDOM CARbonATE	WEAKLY to Care	NO. SULP IDES	FROM	то	TOTAL		%		
7.20 120.34 QUARTE POYPHYRY: DARK Grey QUARTE PORPH CHLORITIZED AND EPIDOTIZED	IYRY. WEAKLY								
0.34 122.94 MAFic VoleANIC: MixEd Zone OF MAFic Vol AND 4 to 5 cm wide gk. POYPHYRY. MAFic Are Ch CAYLONATIZED. BANDED. (A COYE AXIS).	AYtz								
1.94 123.75 POYPHYRY : Light grey FeldsPAY POYPHYR SLightly ReCrySTALLized, Fr	RY, CHLOFIFIEC CESH.								
3.75 124.41 QUAYTE POYPHIRY: DARK GYEY QUAYTE PO WEAKLY EPIDOTIZED, AS	Above.								
24.41 125.19 PORPHYRY: Light grey As Above med grained, CHLOFIFIZEd, Lowe 45° to core Axis.	r contat At								
25.19 125.74 MAFic VOLCANIC: BANDed SiliciFied H CHLINIFIC. Minor CAN Veinlets.	MAFIC FLOW bonkte								

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	F PROP	ERTY FOOTAGE	DIP	AZ IMI	UTH F	<b>WTAGE</b>	DIP AZ	IMUTH		NO	SH	EET NO.	,
TITUD	E	DEPARTURE DIP AZIMUTH DIP							LOGGE	D BY			
FOOT	TO	DESCRIPTION	N	o. s	% UL PH- IDES	SAM P	FOOTAGE	TOTAL	76	76	ASSA	y s oz/ton	
25.7 <del>1</del>	(31.80	POYPHYRY: PINK POYPHYRY SLightly SHEAVEd AND RECYYSTALLIZED. MEDIUM GRAIN. EPIDITIZED AND CHLOVITIZED. 127.0-129.06 - SHEAVED POYPHYRY MINOV QUARTS Veining, No Sul Phides. Lower conta AT 40° to core Axis.	ed. 9			127.0¢	то /29•06.						
51-80	136.07	MAFic VolcAwic: MASSIVE DARK green medium grained Flow, slightly CHloritiZed Few carbonate veinlets.	10	0		135.00	136.07						
6.07	136.35	QUARTE TOUYMALINE VEIN: BRECCIATED, TYACE Amounts OF PYRite 60% Touy MALINE 40% RUAV	۰۱ ک	,		136.07	136.35						
6.35	138.07	PORPHYRY: Light grer Feldspar Porphyry. SLightly CHLORITIC Minor CHLORITE Veinlets. Lowe Contact AT 20" +0 COVE Axis.	+ 10	>Z		13 <b>6</b> .35	137.72						
38.07	138.95	MAFic VOLCANIC: MAFic VolcANic MASSIVE, SLight Por PHYRITIC. Minor CArbonate Veinlets.	LY										
8.95	150.0	POTPAYRY; Light grey SLighthy CHLOritic., EPiDotize Recrystallized. SLighthy SHEAVED. No QHARTE NO SULPHIDE.	d,										
		END OF Hule.											

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HOLE N Locatio Latitud Elevati	0. A3 N <u>A</u>	ERTY       ANJAMIN       Prospect       Footage       Display         C-85-6       Length       201 M       75 m9.         48+60E       - 51+00 N       201 M       75 m9.          DEPARTURE        201 M          DEPARTURE        201 M          AZIMUTH       150°       DIP       -45°          FINISHED       OCT       23       85	2	IMUTH	FOOTAGE	DIP AZ		REMA	RKS		EET NO <u>ΕΝΕΑυ</u> -	•
FOO	TAGE	DESCRIPTION			SAMP	LΕ			A	SSA	r 5	
FROM	то	DESCRIFIION	NO.	SUL PH	FROM	FOOTAGE TO	TOTAL	76	К	OZ/TON	OZ/TON	
0	2-10	over Burden.										
2.10	13.81	MAFIC VOLCANIE: DARK Green, Medium grained equigranular, siliceous Rock. BANDOMLY oriented CAYbonate veinlets.										
13.81	18.79	MAFic FLOW (Pillowed?) RANDOMLY Driented CAY GONATE VEINLETS, Lower contact AT 85° to cove Axis.										
18.79	28.51	POYPHYRY: Light grer Rocy YStal Lized, CHLoritic. Felds PAR biotite Porphyry FY. 22.90 to 25.42. SHEAVED PORPHYRY: Brecciated CHLORITIC. Minor Amounts of	707		24.0	25.42 <u>.</u>						
		PYrite in quartz Veills.										
- 366-11	36.01	MAFic VOLCANIC: DAYK Green MASSIVE WEAKLY CAYLONATED. RANDom CAYLONATE Veint. 1 to 3 mm wide.	+									
10HO		From: 33.61- TU 36.01. SILICITIES ZONE WITH	708			34.50						
LANGRIDGES - TORONTO -		Minor QUARTE EPIdote Veinning Trace Amounts of Prrite.	9-0-9		34.50	36.01						

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LOCATION LATITUDE ELEVATION	ERTY	DIP	∖Z IMUTH	FOOTAGE	910	AZIMUTH	REMA	RKS		EET NO
FOOTAGE	x.	1		SAM	PLE			<u></u> ,	ASSA	( S
FROM TO	DESCRIPTION	NC	SULP	H FROM	FOOTAC	E TOTAL	7%	76	OZ/TON	OZ/TON
36.01 50.29	PORPHYRY: Crey Recrystallized Sheared, strongly CHLORITIC. Minor QUARTZ Veinning (5-10 mm Wide) trace Amounts OF Pyrite. Fr: 38.36-70 39.0 MAFic VolcAnic Xenolith. DAYK Green. Silicious MASSIVE MAFic FLOW. Fr: 41.45- 50.29- STrongly Sheared PorPHYRY, TYACE OF SULPHIDE AND 20% JUARTZ Veinning	711 711 711 711 711 711	>. 2 5 F	4).45 42.88 44.36 15.75 17.25 48.75	42-8 44.3 45.7 47.2 48.7	8 6 5 5 5				
50.29 62.58	MAFic VolcANIC: Light to DAYK green banded. CAYbonATed. RANDom CArbonAte Veinlets Slightly PorphyRitic. BANDING AT 55° to cove Axis Fr 50.29- to 53.40 silica Flooded Zone(SHEAr Zone) - Bleached, Minor trace of PYFite. BANDING AT 55° to Core Axis.	41: 41:		50. <b>2</b> 4 51.75						
62-58 69.74	PHYLLAINITE: SHEARED MAFIC with quartz Veins 10-15mm wide. Less than 1% Disseminated PyRite in Volcanic.	71 71 72 57 7	9	62.58 64.06 65.59 66.45 68.13	65.5 66.4 68.4	<b>1</b> 5 <b>3</b>				

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IOLE NO	N	SC-85-6 LENGTH	DIP	AZIMUTH	FOOTAGE			REMA	RKS		u <u></u>	
		DEPARTURE										
		AZIMUTHDIP					· ·	LOGGE	DBY			
TARTE	·		<del>- n -</del>					<del>n</del>				
FOO	TAGE	, DESCRIPTION			SAM				A	SSA	YS	<b></b>
FROM	то				FROM	FOOTA TO		76	%	OZ/TON	OZ/TON	
69.74	74.45	MAFic VOLCANIC: SHEARED Light green MAFic VIICANIC. Minor guartz veinni CArbonATed And Sericitic	na									
74.45	78.84	MAFic Vol CANIC: Well bANded, DArk green. Shightly CArbo NATEd bANding AT 60° to core Axis RANDOMLY Oriented CArbonATE Veinlets. Lower contAct AT 60° to core Axis.										
78.84	86.04	PORPHYRY: PINK Fieldspar PORPHYRY with CHLON Veinning At 600 to core Axis. Shight LY BrecciAted. From: 81.82 To. 82.91 MAFic VOICANIC: DArk green MASSIVE MAFic FLOW. CArbonAted PorPHY Ritic. (XenoLith?).										
36.04	106.13	MAFic VolcANIC: DAYK green CHLORITIC CARbonAted MASSIVE. RANDom CArbonAte Veinlet Schistosity At 45° to core Axis	5.									

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HOLE NO LOCATIO LATITUD ELEVATI	D. <u>A</u> N E ON	ERTY       ANJAMIN       FOOTAGE         C-85-5       LENGTH	DIP	AZIMUT	Ή FO	OTAGE	DIP	AZIMUTH	REMA	.RKS		IEET NO
FOOT	TAGE		I		s	AMP	LE	<u></u>	1	<u> </u>	ASSA	YS
FROM	то	DESCRIPTION	N	o. sul	PH-	FROM	FOOTA	JE TOTAL	- %	%	OZ/TON	OZ/TON
106.13	139.90	SHEAR ZONE. SHEARED MAFIC VOLCANIC With OWAYTZ CARBONATE VEINS, 30% QUARTZ VEINNING. TRACE AMOUNTS OF DISSEMINATED PYRITE. BANDING AT. 40° to CORE AXIS	72 72 72 72 72	23 4 5	10	0 6. <u>1</u> 3 57.63 09.04 10.08	1D9. 110.0	64) 8				
109.90	120.30	MAFic VOLCANIC: DATH Green, As Above, CArbonAted CHLORITIC MINNY CArbonAte Veinlets AT 40° to core Axis, Fresh. MASSIVE FLOW						_				
20.30	125.50	MAFIC VOLCANIC: PORPAYTIFIC MASSIVE FLOW, CAYbonk CHLOVIFIC RANDOMLY OXIENTED CARbonA Vein Lets. Frest- Non Mineralized. Gradational Lower contact				<u></u>						
25.50	14512	MAFIL VOLEANIC: MASSIVE FINE QVAINED MAFIC FLOW. Shightly PORPHYRITIC Well CARbonated. CHLUVITIC. RANDOM CArbonate VeinLets 5+0 10 mm Wide.										
145.12	117.08	PorPHYRY: Light grey modium grained CHLoritiza minor quarte vein lets. Verr Siliceous.										

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		ERTY <u>ANSAMIN</u> FO	DOTAGE	DIP	AZIMUTH	FOOTAGE		ZIMUTH		RKS	SH	•
ELEVATIO	:	DEPARTURE DIP							LOGGE	D BY		
STARTED		FINISHED		<u> </u>					<del></del>	·		
FOOT	AGE	DESCRIPTION			1 27	SAM.P		i		4 T	1 5 5 A '	7 S
FROM	то			· · · ·	10. SULI IDE	PH FROM	FOOTAGE TO	TOTAL	- %	76	OZ/TON	OZ/TO
147-08	161.23	MAFICVOLCANIC: DAYK GYEEN MASSIVE CAYGONAT MAFIC FLOW, CHLOTITIZED RAN CAYGONATE VEINLETS. FY 197.08 TO 198.50 SILICA FLOODED MAFIC VOLC QUAYTZ CAYGONATE GANDING. AT. 55°. Core AXIS. FYOM: 150.00 +153.00 SHEAV ZONE; BrecciAted MAFIC VOLCAMIC with CAY GONATE MAT MINOY QUAYTZ VEINNING. BLE VOLCANIC! ROCK, WEIN CAYGON CHLOTITIZED.	ANIC + 0 Trix Hohe	а <del>Г</del>	-27 92 8 29		148.05 151.50 153.0.					
000 - 300-1168 70-20-1168		PORPHYRY. PINK FedSPAr PORPHYRY, SILICI AND CHLORITIZED MEDIUM to COA Grained. Recrystallized, Minor Qu Veinlets, Lower contact at 40° + Axis. MAFIC VOLCANIC. DARK to Light green MAFIC F Well CArbonAted, CHLOFITIZE to weakly PorPhyritic. BANDI 45° to Core Axis.	rse UArtin Cov FLOW	t re ASSire AT								
LANGRIC		From. 173-86 to 174.69 PORPAYRY DARK Grey Fer PURPHYRY CHLORITIZED medik grained, gnartz Feldspar Pu	m									

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	ERTY <u>ANJAMIN</u> FOOTAGE 85-6 LENGTH	DIP	AZIM	итн и	FOOTAGE	DIP	AZIMUTH			SH	
LEVATION	DEPARTURE DIP DIP							LOGGE	D BY		
FOOTAGE	DESCRIPTIÓN				SAM	PLE				ASSAN	15
FROM TO			۰ <b>0</b> . s	SUL PH-	FROM	FOOT/		- %	76	OZ/TON	OZ/TON
178.47 182.88	PORPHYRY; MODERATLY CHLORIFIZED RECIYSTALLIZED, Les THAN 1% SULPHIDE, RANDOM QWARTZ CArbonATE VEINLETS. SHARP UPPER AND Lower ContACT AT 50° to Drill Core AXIS.			731 732	178. 180. (	17 180 10 182	-60 -88				
82.08 194.55	MAFIC VOLCANIC: PHYLLific CAYBONATED, CHLORIF. MASSIVE to WEAKLY BANDED, RANDO oriented CAYBONATE VEINLETS. Lower ContACT AT 70° to core Axis.	:С n Ш <b>г</b>									
94.55 195.37	PORPHYRY: SAME AS Above, CHLORITIZED, RECYYSTA Lower contact Zone well CHLORITIZED.		Ļ								
45-37 19698	MAFic VOLCANIC: Fine grained, PHYLLific MAFic FLOW, Minor SULPHILC, Well CAYbonated, CHLORIFIC.										
	PORPHYRY: Light grey SAME AS Above, ShightL More CHLoritized.	r									
197-62 201.00	MAFIC VOLLANIC: FINE GRAINED WEAKLY & ANDED CAYbond Tized, 1-5 mm Wide bands. PHYLLitie. Wol										

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HOLE N Locatic Latitud Elevati	0. AJ DN <u>L</u> DE	$\frac{201}{49+25E - 50+89N}$	-00TAGE Dm 9m 200m		AZIMUTH 150° 150°	FOOTAGE	DIP		REMA	NO. <u>AX-</u> RKS D BY		IEET NO.	•
F	TAGE				<u></u>	SAM	PLE			· A	SSA	۲. S	
FROM	то	DESCRIPTION		×	O. SULP	H FROM	FOOTA TO		36	ж	OZ/TON	OZ/TON	
0	2.65	Overturden: - broken -up, boulders.	••••••••••••••••••••••••••••••••••••••										
	•	Diabare byte :- equigranular medium to f grained fandromly oriented chlori epidde poetures, von-magnetic.	le -										
10.62		Hefic Vokanic :- light to dant coreen, fine graine well silici fied randomly oriented carbonate veillets mossive appear tower contact at 10°.	Françs										
16.65		Porphyry:-quartz-feldspar chloritic, recryste randonty oriented quarty-carbon ventets mottled oppearternel.	alliz	ed .									
I NOHO		Mofic Volcanic', - same as 10.62 to 16.65 -foliation at 28m, 30° to drille	core a	AUS.	3	27.0	28.7	6					
28.76	32.47	Shear Zone: - banded well alenred, qualternati quarty - tournative bande (1-15hm), phys appearance, 3% pyrite-arsonopyrite! Phys	ing.	93 - 93	55	28.76 30.16 31.16	30,10 31.1 32.4	6			÷.		

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HOLE N	o. <u>A</u> 3	ERTY FOO	TAGE	DIP	AZIMUTI	FOOT	GE	DIP A	ІМИТН			Sł	IEET NO.	
LATITUD Elevati	e	DEPARTURE DIP								LOGGE	D BY			
FOO	TAGE	DESCRIPTION				S A	мр	LE			/ /	ASSA	YS	
FROM	то			N	o. sul IDE		OM F	TO	TOTAL	%	%	OZ/TON	OZ/TON	
		Lower foliation at 30° to drill core angis.												
32.47	40.12	to drill dore area, 1% olisselinate pyrik. 6 cm wide quartz vein at buck contact.	55										-	
40.12	40.68	Mafie Vokanie ;- fine grained siliceous, mossive quartz-carbonate veinlets,	, ran	kour										
40.63	47.07	Porphyry: - strongly chloritic, sheared not quartz-feldapar, 1% disseminated Sulptrick	Hed	5:	37 -	42	.5	44.93						
	48.17	Hofic Volcanic: - same as 40.12 to 40.68												
41.17	49.36	Porphyry:-dark grey, chloritic, carbonate veinlet well fractured	3,											
44.36	<i>ज्य</i> ह	Mufic Volcanic: - I dart green massive to weakly b , weak foliation at 30° to drill core	and	æ,										

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			·			η		<u> </u>	HOLE	NO		IEET NO.	
	F PROP	ERTY	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH					
OCATIO	-												
		DEPARTURE											
	•	AZIMUTH DIP											
STARTED	<u> </u>	FINISHED	L1	1		<u> </u>		J	LOGGE	D BY	· · · · · · · · · · · · ·	··	·•
FOOT	TAGE	DESCRIPTION				SAM	PLE			ļ	SSA	YS	
FROM	то			N	D. SULF	FROM	FOOTA	JE TOTAL	%	%	OZ/TON	OZ/TON	
		78.0-83.86 :- highly silicified and contorted -82m, foliation at 50° to drill or	2000e										
3.86	88,73	Shear Zone? - silice - tourmaline flooded zone	1010	751	)	83.86	85.5		T				
		sulphide by volumet, with carte	rted,	75	1	85.5	87.0			-			
		appenrance plation at 50° to	dull	75	1	87.0	88.7.						
		sulphide by volumet, with conte appeurrance, foliation et 50° to core axis, pfritte + chalcopyrite	blebd	;		01.0				·-•			
	1010												
\$8:15	12156	Mafie dolcanic :- dart green massive t weakly porphyritic, well c flow rondonly oriented gua carbonate veinlets, foliottio	-0 urboniti	sed	-								
		arbonate veintets later the	M3-	5	÷.	, <b>,</b>							
		111.0-112.1; - banded, silica flooded work al				1	+ -		·				
					•								
121.56	125.38	to phoyr: - pole white togrey, quartz-feldy	201,				-						
		dice instead ourity Moritized in	inosty	%]									
		disseminated pyrith sharp but a at 45° to drill core axis. Ransdom yeining.	tourna	im						*			
175.38	137.07			75	3	131.1	132	1					
	1º LIVA.	Méric Volume: - same es 88.73 to 121.56.	Sanded				1.02	$\sim$					
		at 45° to drill core akis.											

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		ERTY FOOTAGE	DIP AZ	IMUTH F	OOTAGE	DIP AZ	ІМИТН			SH	EET NO
ATITUD Levatio	e	DEPARTURE DIP						LOGGE	D BY		
FOOT	TAGE	DESCRIPTION			SAMP				4	S 5 A '	/ S
FROM	то		NO.	SUL PH- IDES	FROM	FOOTAGE TO	TOTAL	%	%	OZ/TON	OZ/TON
132.2	132.9	Quentz-Tourmaline Dein : - patchy 60% quartz, 40% tourmaline, vein, 1-2% pythte-	754		132,02	13290					
32.9	133.Z7	Mafic Vokanic :- banded, silica flooded, same	755		132.40	133.27					
133.27	133.78	Quartz-Tournaline dein; - same as about,	756		/33.27	/33.74		-			
33.78	140.56	Marc Volcanic :- dark green, morsive well silicified and chloritized. Minor silica flooded bands (P15mm),	757		133.78	135.0					
140.56		Quartz Vein; - minor tournaline, grey, mottled recrustallized, chloditic inclusions Sharp/lower contact at 60° to drill core loxis.									
41.13	151.16		758 759 760		141.13 142.05 143.747						

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NAME OF PRO HOLE NO.	PERTY	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH		NO		IEET NO.	-•
LATITUDE	DEPARTURE DIP AZIMUTH DIP							LOGGE	D ВҮ			
FOOTAG				<u></u>	SAM	PLE		1	<u>م</u>	SSA	Y. S	
FROM TO	DESCRIPTION		N	0. SUL PI	FROM	FOOTAC TO	TOTAL	76	%	OZ/TON	oz/ton	
	brphyry: - grey mottled, well chloritises recrystallized, mofic xendiths unit. darl green in places. & lower and appen contacts	adation	L						•			
	Herr Volcanic: - dark green, macaive Carbonitized, weat foliation to drill core axis, Lower con 50° to drill core axis. 188:81-189.90: - porphyritic flow.	itiet a	*									
193.79 201.	Porphyry: - quartz-feldspar. well silicit well chloritized, dark green, re	icd, crystalli	zad									
	2010 End of hole			*								

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HOLE NO	ON		FOOTAGE 100 M 200 M 300 M	-67	AZIMUTH	FOOTAGE	DIP	REMA	RKS	sH		
FOO	TAGE	DESCRIPTION				SAM			/	SSA	Y S	
FROM	то			r	10. SULP	FROM	F00TA	 - %	76	OZ/TON	OZ/TON	
Ø	2.70	Overburden: - caseo	·									
		Diabase - ultramatic highly magnetic fle green well surcified, weatly massive. Gradational contact Diabasis terture observed where	carbon +.	tized	¢							
28.30	27-81 ª	Mafric Volcanic: - dark green porphyrit feldspar phenocrysts, well si highly competent rock. No -mercalated massive and flows, 3 to 5m wide. Well b Randomly guartz - carbonate beintets (5%).	toliation holiation	d								
LANGRIDGES - TORONTO - 3	70.28	Porphyry:-quartz-feldspar light to medic great well chloritized, recryst worthked appearanced, contains a motic volednin rock. Lower cont motic volednin rock. Lower cont	allized	d								

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NAME O Hole N Locatio	o	8 LENGTH	AGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH		NO		IEET NO.	
ELEVATI	ON	DEPARTURE DIP							LOGGE	D BY			
	TAGE	DESCRIPTION			%	SAM	PLE FOOTA	GE		¢	SSA'	· · · · · · · · · · · · · · · · · · ·	
FROM	то		<u> </u>		O. SÚĽP IDES	FROM				*	OZ/TON	OZ/TON	
70.28	71.03	Myrc Volcanic: - durk green, massive, well silicified and chloritized fl	600										
71.03	78. <b>A</b> L	Porphyry" - some as 67.81 to 70.28 more .3m volcanic roct Xenolillas -razdomly oriented guartz-car veintets lower contact goddation	s bonal nal	C.									
78.13	<sup>1</sup> 9.44	hape Volcanic; - deut green, massive, well Chloritized flow, some as 70.2 71.03	8 to										
õ,	80.19	Porphyry: - same as 71.03 to 78.96											
ē	8053	Mufic Volcanie :- some as above.											
rangeringes	89.22	Brphyry:- same as above, well chloritized ford notted quarty-feldspars assem hower contact of 350 to Idvil core a	blage	-									

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	X LENGTH	DIP A	ΣΙΜυΎΗ	FOOTAGE	DIP	AZIMUTH			SH	IEET NO.	
ELEVATION	DEPARTURE						LOGGE	D BY			
FOOTAG	DESCRIPTION			SAM	PLE			/	ASSAY	YS	
FROM TO		NO	. SULPI	FROM	FOOTAC	TOTAL	%	%	OZ/TON	OZ/TON	
89.22 89.7	Mafie Volcanic : - massive medum ofreen, anderitic flow, moderately corbonitized.										
89,76. 91,50	Porphyry: - quarts - feldapar well chlorifized afel mottled recrystallized. tower contact at approximately 370 to drill core axis, t									-	
001 L 1000	Mafie Volcanic :- porphyritic flow well silicified, weally carbonitized nedicul green, guartz and phildspar phenocrypts. Randonly oriented guartz-carbonate stringers Hower contact at 80° to drall core axis.										
95.84 97.3	Porphyry: - highly nottled and recrystablized, moderately chloritized quarts-feldepar porphyry. Lower contact of 500 to drill core oxis										

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	~	ERTY		FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH			S		• —
E NO	». <u> </u>	LENGTH								REMA	RKS			
		······································	······································	•					tl					
		DEPARTURE		-										
		AZIMUTH								LOGGE	D BY			
001	AGE				1		SAM	PLE		1			YS	
ROM	то	DES	CRIPTION			NO. SULP	H- 5801	FOOTA		- 36	78	OZ/TON	OZ/TON	Ţ
				<u> </u>		IDES	FROM	то	TOTAL					╉
•35	99,30	Kafic Volcanic: - ? porp tuff, 40% interassi hower conte	quartzand feldepart the andestitic lare het at 43° to dat	ble crysta pleitocry sunduraes core axi	l sts s.									
30	110.17	Mafte Volcanie :- na green, m flow, We lower cou exis.	asive chloritic oderately carbon sully portphyritic start at 45° to	dark i Hzed in places. drill core										
.67	116.17	Porphyry; - quartz- 1 haber con	eldspar nottled	, recrystalli	ed.									
,. <b>I</b> 7	121.85	Mafie Volcanie :- light chloritized, contact a	trey to medium of massive flow. I t 40° to drill we	reen, moder lower e arcis.	lely						-			
1.15	122.15	Porphyry: - some a	above low	er conta	4									

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		ERTY LENGTH	FOOTAGE	DIP	AZIMUTH	FOOTAGE		AZIMUTH			SH		
TITUD. EVATI	E	DEPARTURE DIP							LOGGEI	D BY			
= 0 0 -	TAGE	DESCRIPTION				SAMI	PLE				ASSA	¥ 5	<u></u>
FROM	то			N	O. SUL PI IDES	FROM	F00TA T0		76	76	OZ/TON	OZ/TON	·
12.15	123.86	Mafic Volcanic :- medium green me moderately carbonitized. for oriented quartz-corbadate 3	doundy tringers.										
		Porphyry :- same as above, love 1/ at 670 to drill core axis.											
,		Mapic Volcanic :- medium green, me andesitic flow rondowly of quarty-carbonale veinlets, 1 fort 37 to drill core arxis	ower confor	ł									
25.50	4 <b>0.8</b> 8	Porphyry: - same as above, mottle Rilifified mottled with g feldspar pheno crysts recri Loven contact at Ho	uarty =										
40.88	158.84	Mafric Vokanic :- dart groen strongh well silicified, medium . gra selphide, hover contact drill core axis Foliati	Sined 49 at 20° to				۷						

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NAME OF HOLE NO. LOCATION	<u>A3</u>	ERTY C <sup>·</sup> 8 5- 8 Length	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH		NO		IEET NO.	-9
		DEPARTURE					•						
		AZIMUTH DIP											
STARTED .		FINISHED	L		1	<u>الــــــــــــــــــــــــــــــــــــ</u>			LOGGE	D BY			
FOOT	AGE			T		SAM	PLE		1		SSA	y s	
FROM	то	DESCRIPTION					FOOTA	GE		**	07/701	07/701	-
					IO. SULP IDES	FROM	то	TOTAL		%	OZ/TON	OZ/TON	
		Porphyry: - same as 125.50 to 140,88											
165.0 1	73,30	Matric Volcamic: - grey to medium green shared and mottled rando oriented guartz-carbona	, weathy										
		Verning. D S											
15.30	+1.68	Sheared Mufic Volcanic :- abundant sil flooding, giving a banded well silicified phonounced plane foliation at 220 f core afris	apean stear o drill	me	7								
77.69 1	80,85	Forphyry:-recrystallized mottled quo feldspar potphyry, weally grey colour. Loupercontactat 15	choriti.	ed 7	-61	1 77.68	180.8	5					
80.85 2	01.83	Sheared Mapic Volcanic' - some as 173. 177.68, precipited and morth with	3 to	70	52	186.0	1891.0	0					
		177,68, breeciated and porphyritic	. l%	<b>אר</b> אר	3 4	198.00							

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LOCATION LATITUDE _ ELEVATION	ROPERTY     FOOTAGE       JC-B5-B     LENGTH       DEPARTURE	AGE DIP AZIMUTH FOOTAGE DIP AZIMUTH HOLE NO SHEET NO REMARKS
FOOTA		SAMPLE ASSAYS
FROM T	DESCRIPTION	NO. SULPH FOOTAGE % % OZ/TON OZ/TON
801.83 20	<sup>35</sup> Quartz-Tournaline Vein: - contorted mottled vein with 30% tournaline 60% quartz, 2% pyrite, arsenopyrite.	765 201.83 202.94 766 202.94 204.00 767 209.01 205.95
205.95 212	7 SHEARZONE: SHEARED MAFic VOLCANIC With intense QUAYTZ +OURMALINE VEINNING AT, 30' to the Core Axis Trace Amounts of Disseminated Prrite.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
212.27 212	5 QUAYTZ-TOUYMALINE VEIN: CONTOrted Mottled Vein With 20% tour MALINE 70% QUAYTZ. 3% PYRite.	772 212.27 213.59
	58 SHEARZONE. SHEARED MAFic VOLCANIC DARK Green Silicified with UP to 1% DISSEMINATED PPrite.	773 213-59 214-50 779 214.60 215.58
10401-215-58 215-58	MATIC VOLCANIC. DAYK GYEEN MASSIVE CAYboNATE Minor CAYboNATE VEINLETS. WEAK FOLIATION AT 25° to core Axis. Lower contact AT 20° to COYC Axis.	

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HOLE NO	N	5 <u>C.85-8</u> LENGTH	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH		RKS		EET NO
		DEPARTURE										
		AZIMUTH DIP							LOGGE	D BY		
		FINISHED		- 11								<u></u>
FOO	TAGE					SAM	PLE				ASSA	Y 5
FROM	то	DESCRIPTION			IO. SULI	S FROM	FOOTAC	E TOTAL	- %	76	OZ/TON	OZ/TON
219 00	22710	PORPHYRY: Light TYSY Muttled Recerton	£ 1		75	222.17						
.11.00	F - 1310	cut by guartz Veins. Trace of Di										
		PYRite. Strong CHLorite ALtern		7	76	223.88		1				
		CALOTTE STICING CALOTTE ALTER	11000	7	77	225.00	227.	0			1	
				÷								
27.10	232.37	MAFIC VOLCANIC: SHEAVED, DARK GREEN CHL	oritic.						#			
		3 mm wide QUAY+Z tourMA	Line	7	78	227.10	22.8.	4				
	1	Vein Cutting Core AT 3°										
		the Axis, FoliAtion AT 400	to Care									
,		Axis										
·												
232.37	235.13	PORPHYRY: Light grey Mottled Recrystallized.	CK+	-7	79	233.78	3 235.	3	Ŧ.			
		BY RANDOM QUAY+Z TOKYMALINE V		ľ	, .				ļ			
		Lower contact AT 40° to core Axi	٤.									
	1-1											
235.13	300.0	MAFic VOLCANIC: Light to DATK green, mass							4			
		to PorPHYRITIC. FOLIATION	<b>Δ</b> <i>T</i>									
		40° to the Cove Axis, St	tura LI									
		CAY bINATEd				~						
		From: 245.60 +0252.16 - PORPHYRIC FLOW. LINCE	CIA+AL	+								
		AT 40° to Drill Cove A		·								
								· ·				
		265,94 - 277.0: - sheared silica flooded banded im, guhrdz-tournalin vein in	sone,	, 7	80	267,0	270	o				
		itm guhrdz-tolurnalin ven in	ichad				ł					
		-totation at 28° to dollare axis	274.5	m.		1		1				

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е но. <u>Азс-</u>	ERTYLENGTH	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH			SH		
VATION	DEPARTURE DIP AZIMUTH DIP							LOGGE	D BY			
ΟΟΤΑΓΕ		<u></u>			SAM	PLE	<u></u>	1	A	SSA	( S	
ROM TO	DESCRIPTION			O. SULP	H-FROM	F00TA		%	%	OZ/TON	OZ/TON	
	- 25° to drill core axis 299.0 m											
	300.0 m End of hole.											
	· · · ·											
												1

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NAME O	F PROP	ERTY Anjamh	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE	NO	Sł	IEET NO.	-0
	. AS	C-85-9 LENGTH	7.5	400	<u> </u>				REMA	RKS			
LOCATIO	N <u>5</u>	OTZSTE SOTION	75 m	<u>-44°</u>	<u> </u>	<b> </b>							
LATITUD	E	DEPARTURE											
ELEVATI		AZIMUTH 150° DIP -50° 29 FINISHED Oct 30	· · · · · · · · · · · · · · · · · · ·		<u> </u>				1.000				
STARTED	<u> </u>	29 FINISHED Oct 30			· · · · · · · · · · · · · · · · · · ·	······			LUGGE	D BY			
FOO	TAGE					SAM	PLE			А	SSA	YS	
FROM	то	DESCRIPTION				н-	FOOTA		76	76		OZ/TON	
	<b></b> .				IDES	FROM	то	TOTAL		70	02/100	02,101	
0	2.10	Overburden; - Ba casing											
	1.71					_							
2.10	12.26	Mafic Volcanic; - darkgreen well chloritized Silicified mofic flow, randown Oriented quasta-carbonate	and										
		Silicitied making Used randonal											
		arie E. L. L. L. To	9										
		oricited guard- earbonand	-										
		veinlets () O											
17.76	13.34	Porphury; - reenstalled noderaty chloritz quartz-feldspar porphyry, low outciel at 380 to the drill co	ad						<b>#</b> -				
, Lic		100 punty - Kenystalled, moderaly chioritz	e o										
		1 quartz-feldipar Dorphyry low	yer .										
		Contact at. 38° to the and co	re										
		axis.							ſ				
12 24	2100	LA Que de la constante de la c	1.0						-				
דניגין		Marie Vokanne, - highly fresh, well silve	fied										
1		and chloritized makic 1/02 a	nh e										
3		Mefic Volcanic:-highly freah well silier and chiloritized matic plan, se as above	<i>,</i> – C										
		ve moore v											
		13.34 -16.12: Barphyritic flow.											
5		16.12 - 17.58 : Marine fine grained flow				1							
1		17 ch - 27 (12 · 2004)											
2		17.58-23.47; porphyritic flow											
ANG		12 41 - 2457, - fine grand marsher											
1		23.42-2452'-fine grained marsive			5.	ł							

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	o. AJ	ERTY	FOOTAGE	DIP	AZIMUTH	FOOTAGÉ	DIP	AZIMUTH		10	SH	EET NO.	
LATITUD Elevati	0N	DEPARTURE DIP							LOGGE	D BY			
F O O FROM	T A G E TO	DESCRIPTION		N		SAM F	PLE FOOTAG	E TOTAL	- %	A %	OZ/TON		
37.58	43.08	Porphyry; - same as 12.26 to 13.34, lowe	r contr										
43.08	43,58	Trafic Voltanic'- parie as above,											
43,38	4390	Quartz-Tournaline Dein: - 70% guartz, i tournaline 21% autolide in le and veintets	20% lehs	24	?1,	43.08	44,17	<b>.</b>					N
43.88	51.87	Mafre Volcanics: - darkereen, well silice and chloritized massive flou fource contact at 40° to care a	fiel										
<u></u> ≝51.67.	22:12	forphyry;-some as above		7	83 84	52.93 54,00		1					
- TORONTO - 366	56.41	Steared, phyllinite;-guarty-tourmaline zone, Liºlo sulphide, epidole alle	loode	۲۲ <b>(</b> ۲. )	37	55.69	56,4	(					
FIP-22	17.94	Porphyry:-quartz-feldspar recrystalliz mottled, weakly chloritzeel.	zd,										

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CATION	DEPARTURE						REMA	RKS			
	AZIMUTH DIP						LOGGE	D BY			
OOTAGE	DESCRIPTION			SAM	PLE		1	A	SSA	YS	
ROM TO		•	io. sui ID	PH S FROM	FOOTAC	TOTAL	%	76	OZ/TON	OZ/TON	
7.94 68.10	Mafic Vokanic :- dank green well carboniti chloritized, inferrier / plow hower contact sharp at 30° + core exis.	zect									
8,10 75,0	Dorphyry ;- some as about									-	
	75.0m End of hole.										

-	DIAMOND DRILL RECORD												A	
1	NAME OF	F PROPI	ERTY Injam Prospect FOOTAGE	e 786 493 7.38 hyllinite 787 7.38 7.71 orted, 787 7.38 7.71 black 788 7.71 8.79 well 789 8.79 9.56 ricited 789 8.79 9.56	IEET NO	-4								
ŀ	HOLE NO	. <b>_A</b> ⊇	C-95-10 LENGTH 75m	-42°					REMA	ŘKS			<u></u>	
E	LATITUDI Elevatio	ON .	$\frac{1}{1000} = \frac{1}{1000} = 1$	ļ										
5	STARTED	Od:	AZIMUTH 1500 DIP -500		<u> </u>		l		LOGGE	D BY			<u> </u>	
ſ	FOOTAGE				SAMPLE					ASSAYS				
ł	FROM	то	DESCRIPTION		10. SUL	PH FROM			- %	76	OZ/TON	OZ/TON		
	0	2.08	Overburden: cosed BQ.			3 11001								
$\left  \right $	1 n2	230	Sheared Mufic Volcanic; - banded, by silica -	57	85	3.0	4.93	_						
	2.00	1,70		7	86	HAZ								
			tournative flooding, shear plane											
			folication at 450 to core, phyllinite					-						
			tone.											
			0					÷						
Ī	7.38	271	Quarto - Towneline Drin - mottled controled	7	87	7,38	77	1						
-	1.35	1.11	Quartz-Tournalive Icin: - mottled, contorted, 1-20/0 subplide, white-black colocyr											
			1º Clo sulprial, white-black											
			Colour '											
	7.71	8.79	Porphyny; - recrystallized, quarty-tournalin veining, coarsel sulphide.	71	8	7.71	8.79							
			veinte of the lot of											
	-		1 remind, coarsephide.											
	8.79	22.74	nufic Volcanic: -, doork green marsive well	7	89	8.79	9.56	,						
		• •	chloritized flow, Fondonly orienter											
5				11	-									
			flyr quarty - curbonable string	ey.∥										
	22 74	<b>`</b>		<del>}  </del>	10	77 74	123		╉					
	22,74	24,57	Porphyry :- some ad above, Lower contact at 450			22.74	<b>A</b> ,CX	۳]						
				11										
ζÌ			22.94-23.18; - quarty-tourmaline sulphide oci	иL			1				1			

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27.74

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AME OF PROP DLE NO. <u>AS</u> DCATION	C- 85-10 LENGTH	FOOTAGE		ZIMUTH	FOOTAGE	DIP A	ZIMUTH			SH	
EVATION	DEPARTURE DIP AZIMUTH DIP FINISHED							LOGGE	D BY	· · · · · · · · · · · · · · · · · · ·	
FOOTAGE	DESCRIPTION				SAMP	LE			A	SSAN	( 5
FROM TO	DESCRIPTION		NC	• SULPI	FROM	FOOTAGE TO	TOTAL	76	%	OZ/TON	OZ/TON
.4.37 <b>26.8</b> 5	Steared Mapic Volcanic : - well chloritized, a plooded, some as 8.74	ilica to 22.7	4								
26.85 27.6	Quartz-tournaline Vein: - prescriated	and inlets	79 79;		2535 26.95	· /					
27.6 40.64	Mote Volcanic; - dark green, well child and silicified, competent flow. Loven contact at 40 lovis.	nails in to cor	rt Q								
10.64 43,42	Porphyry: - light to medium grich, rec welled, to moderabely chilo -volcafric rock digested with	Atized	201.		7						
+3,42 48,36	Matic Volumes- abundant a dice ple will silliched zone - Atter		, 79 <u>;</u> , .	3.	48.36	49,87					
18,36 51,48	Quartz-Tournaline zone: flooded, cont nottled, prite veinlets and	orted	791 790	+	49.87 50.34	5 <b>0,</b> 34 51,48					

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HOLE NO	р. <u>Ат</u>	ERTY	FOOTAGE	DIP AZ	IMUTH	FOOTAGE	DIP	AZIMUTH			S+	IEET NO.	-
ELEVATI	ON	DEPARTURE DIP							LOGGE	D BY			
	таде	FINISHED				SAMF			π		SSA		
FROM	то	DESCRIPTION		NO.	SUL PH		FOOTAG			76	т	OZ/TON	
51.48	52.96	Porphyny - same as above jower a	ntact 1%0.		IDES	E (L)	то 50,93						
1		Quartz-Tourmaline Vein: - pyrite 2%,		797		52,96	5337						
53,37	54,43	Silky Flooded zone? - mafic volcanic, sen as above,	~ 2	798		53,37	54,43						
54,43	55.0	Quartz-Tournaline Veing-sa as above,	ne	FIQ		54,43	55.0						
		Porphy :- same as about								· · · · · · · · · · · · · · · · · · ·			
60.22	75.0	Nafre Volcanic's tark green well can marsive to weatly porpl flow .60.22-65.42-marsive f 75.0 End of hole . Foliation at 450	bonatee yntic low.	(,									
		75.0 End of hole, -foliation at 450	- <del></del>		ė								

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LOCATIO	0AJ n e	0-85 11_ LENGTH	FOOTAGE	DIP	AZIMUTI	H FOOTAGE	DIP	AZIMUTH		NO	Sł	IEET NO.	2
		AZIMUTH DIP							LOGGE	D BY			
FOO	TAGE			1		SAM	PLE		1		SSA	YS	
FROM	то	DESCRIPTION		N	o. sui	PH FROM	FOOTAG	TOTAL	%	76	OZ/TON	OZ/TON	
20,90	35.68	Majic Volcanic :- fine raines in is in well silicited and chloritized in contact at 30° to drill core o	vier,										
35.68	47.80	Dorphyny - mottled, chloritized veinin fourmodine, 3-5mm bide un sulphide in veins. Sharp lowe at 145° to one axis	guartz		10	43.55	46.50	3					
47.80	51,10	Mafic Volcanic; - fine grained massich, well and sillicitiel flow. Lower conto 40° to core atxis.	chloritize										
57.10	61.06	Porphyry: - grey to milky white, highly recr quarter feldspar assemblage rand offersted quarter tournalise vei	ystallize	4 48	101 0 Z	51,1 54,0	54.0 57.0	·					
		offented guartz-tournalitie ver 1°10 as enopyrite also asseropyrite disseminated throughout. It gyartzose in places. Shower a dit 300 to cole axis.	c head	uing L eg 154	1803 804	57.0 60,0	60,0						
		an so to and oppis.						+					

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NO	ASC-85-11 LENGTH	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	REMA	RKS			
TUDE	DEPARTURE DIP AZIMUTH DIP							LOGGE	D BY			
<b>рт</b> а G	DESCRIPTION			<u></u>	SAM	PLE			A	ASSA	YS	
ом то				NO. SULP	H FROM	FOOTA TO		76	%	OZ/TON	OZ/TON	
ob 75.	O Mafie Volcanie? - nark grein well mile and carbonitical fine grein massive flow. Kaludonny o carbonate Stringers.	netrel										
	75.0m;-Endofhole.											
		•										

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HOLE N Locati Latitu Elevat	DE	ERTY <u>Anjamin Prospect</u> (-85-12 LENGTH 51+30N 54+50 F 	FOOTAGE	DIP -40	AZIMUTH		DIP	AZIMUTH	REMA	NO RKS D BY	SI	1EET NO.		-
FOO	TAGE	DESCRIPTION				SAM					ASSA	YS		]
FROM				N		S FROM		TOTAL	- 76	爱	OZ/TON	OZ/TON	<b> </b>	
0	4.75	Overburden: BQ cased.												
		Porphyry: - very fresh weakly chlorit quartz-feldspar shenbenysts, 21% stuppide. Sharp lower co at 30° to core axis		.(								-		
43,40	57.4	Matic Volcamic :- porphyritic siliceous du gran flow. Highly porphyri banding at 500 to care a												
57.4	57.9	Quartz Vein; - milky white, bull quartz n visible sulphide orthowedal	o ine,	4181	06	57.4	57.9							
HONTO - 366-116		Mafie Volcanie: - as about louis con undulative at 130° to con pyrite at contact.	e axis	1	17	57.9	58.9							
LANGRIDGES - TOP	75.66	Porphyry:-pink quartz-feldspan assembla 2°/0 cubic apenopyrite in veint disseminated	al 10/2	- 80 1 80 1	)8 )9	72.0 74.0	74,0 75,0	1						

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		ERTY	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH			SH	
TITUD	E	DEPARTURE			··							
		AZIMUTH DIP							LOGGE	D BY		
		FINISHED							1			
00	TAGE	DESCRIPTION			<u> </u>	SAM	FOOTAG		l	4 T	4 5 5 A Y	/ S
FROM	то		·		0. SULF		то	TOTAL	%	%	OZ/TON	OZ/TON
5.66	76.38	Hafre Volcanic? - light green banded and highly differlied plow. Banded 450 to core axis.	conterra	21	>	75,66	76.38					
5.38	77.1	Quartz-Tourmaline lein ;- highly bitte	ciatal	81	1	76,38	77.					
<del>.</del>	78.0	Mafrie Volcanie :- same as about	-	81	2	77.1	78.0		-			
		78.0m End of hole										
			·									

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HOLE N Locati Latitu Elevat	DE	<u>     175 E. 50 + 89 N     186</u>	m	dip A -4.4 -37		FOOTAGE	DIP		REMA	NO RKS D BY		EET NO	
FOO	TAGE	DESCRIPTION			1 07	SAM				, ,	ASSA	r s	
FROM				NO	. SUL PI	FROM	F00TA T0		- 76	%	OZ/TON	OZ/TON	
0.0	3.0	Duaburden: - Ba Cased											
3.0		Porphyry 3- manty- languar historican in .											
4.5	1818	Mafic Volcanic', - highly steared banded, silicon Heading phyllipitic inapension Contorted, foliation at 10% to civ axis.	i ci i	• • • • • • • • • • • • • • • • • • •									
18.8	22.55	Porphyry: - same as about.											
68		héfic Volcanic:-some as above, villica fisode	e .	813		12.55	24,0	)					
		Bophyry: - mottled, recrystallized guartz-feldspar porphyry.											
1, 2, 2, 4, 1 I P., 2, 6, 1 I P., 2, 1 I P	40,70	Mafrie Volcanic: - darkgreen, well chloritized, fin grained mafrie flow.	ı										

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NAME OF PROP Hole NO.	AJC-85ENGDH	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH		NO		HEET NO.	
ELEVATION	DEPARTURE DIP AZIMUTH DIP							LOGGE	D BY			
FOOTAGE FROM TO	DESCRIPTION		N	0. SULP	S A M	FOOTA			76	SSA	Y S	
40.70 45.88	Porphyry: - totatally recrystallized mottleding to white lower contact at 550 for core axis,	htgier din 11	· · · · · · · · · · · · · · · · · · ·	IDES	FROM							
45,88 46.83	Mafic Volcanic: - darkgreen, well chloritized, kinke banding, composed of quartz, silica flor apparrent, bandling unscholating, o lover contact,	ed oding pradatie	mal									
	Porphyry: - same as above 48.24-48.42: - quartz-tourmaline vern		81	4	48.0	49,0						
49,23 51,93	Mafic Volcanic? - highly carbonitized, b and folded flow.	andeel										
51.93 56.15	Sheared Mafic Volcanic; - guartz vein within plane, 5000 to core at	steur xis	- 48 8	15	51.93 54.0		1					
56,1566.33	Mafie volcanie; - dark green well chloritized. I In moduriel sleared. How.	weakly										

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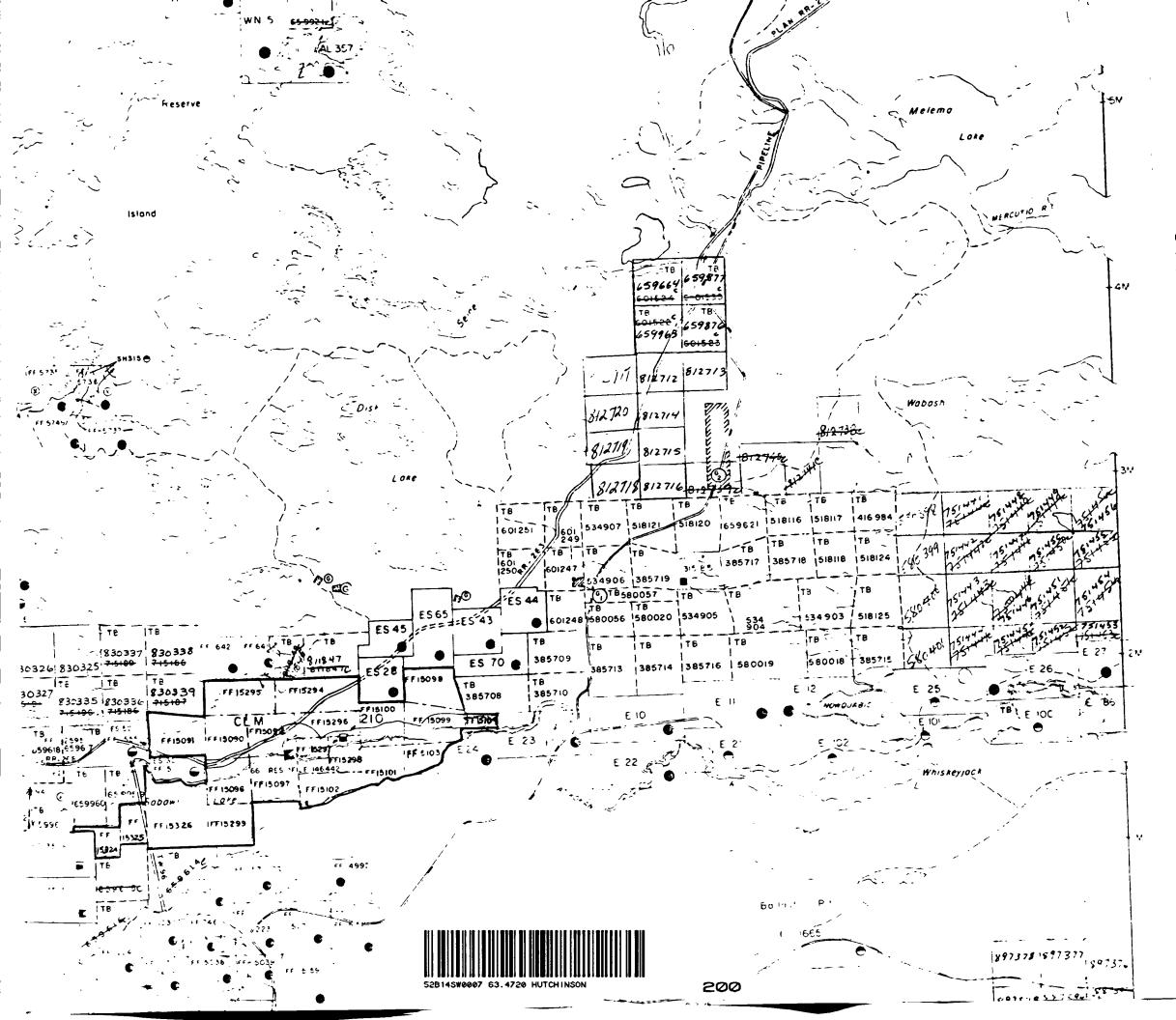
NAME O HOLE NO LOCATIO	o	ERTY FOOT	AGE	DIP	ZIMUTH	FOOTAGE	DIP /	ZIMUTH		NO		IEET NO	
ELEVATI	ON	DEPARTURE DIP							LOGGE	D BY			
FOO	TAGE	DESCRIPTION				SAMF	PLΕ				SSAY	rs	
FROM	то	, , , , , , , , , , , , , , , , , , ,		NC	SULF	FROM	FOOTAGE	TOTAL	76	76	OZ/TON	OZ/TON	
66.33	68.07	Stear Zoine with quartz tournative version :- contor. mottled, 27% subplied (	ed	S.	!	-6,33	68,07						
		Mafic Volcanic; same as aboure.	*****		±	-				-			
		Porphyry :- with quartz-tournaline vein within 1-2% pyrite-arse-pyrite 69.56-70.73:-quartz-tournaline vein	٦.	818		<b>1</b> 9.56	70.73						
73,37	96.46	Mafie Volcanie :- det k green randonly orie quartz-carbonate veins, weaks Abeured, competent.	ntee ly	1									
96.46	98.00	Porphyry; - park to grey, recrystal seel, 210/0 pur	.  nH-										
98.00	99.62	Matic Volcamic :- massive same as abo	obl								,		
199.62	101.54	Porphyry :- and chloritized recrystallized no Visite suppliede. Lower contact, 50°.											

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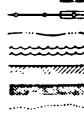
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NAME O HOLE NO	. <u>A-</u>		DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH		NO	SH	EET NO
ELEVATI	ON	DEPARTURE DIP DIP						LOGGE	D BY		
FOOT	FAGE	DESCRIPTION			SAM	PLE			A	SSAN	's
FROM	то		NC		FROM	FOOTAC	TOTAL	76	76	OZ/TON	OZ/TON
101,54	104.07	Mafie Volcanii c'i come as about, will construit d'art green, mussice.			_						•
104.07	132.64	Coarze Mafric Flow's - 30% files aus ports charter 25% quarta 1:03m clasts, vell silicitient profic flow									-
:32.64	157,50	Mafie Volcamic; - dur & green, fine grainel/elun massive flow, highly siliceous, randomly officiented grantz-carbonats istringers.							•		
157.50	158,95	Porphyry: - some as above				1979 - Harrison Anno, Anno 1 - 1999					
158.85	16770	Mafie Volcanie :- same as above.		-							
166.70	169.08	Sheared Mafic Volcanic :- silica - tourmaline flooded zone, banded, ~ 1% sulplide	819		166.7	168.0	8				
168.08	181.0	Mafic Volcantic :- some as above, Foliation at 600									
		186.0 m: - End of Hole									

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UTILITY LINES NUN PERENNIAL STREAM FLOODING OR FLUUD NG RIGHTS SUBDIVISION OR COMPOSITE PLAN RESERVATIONS ORIGINAL SHORELINE MARSH OR MUSKEG MINES TRAVERSE MONUMENT

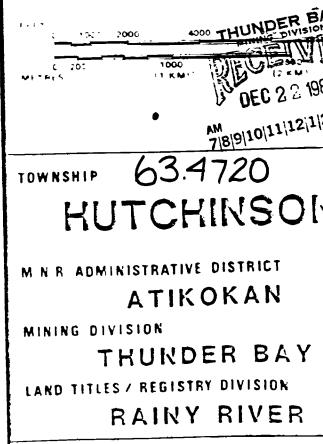


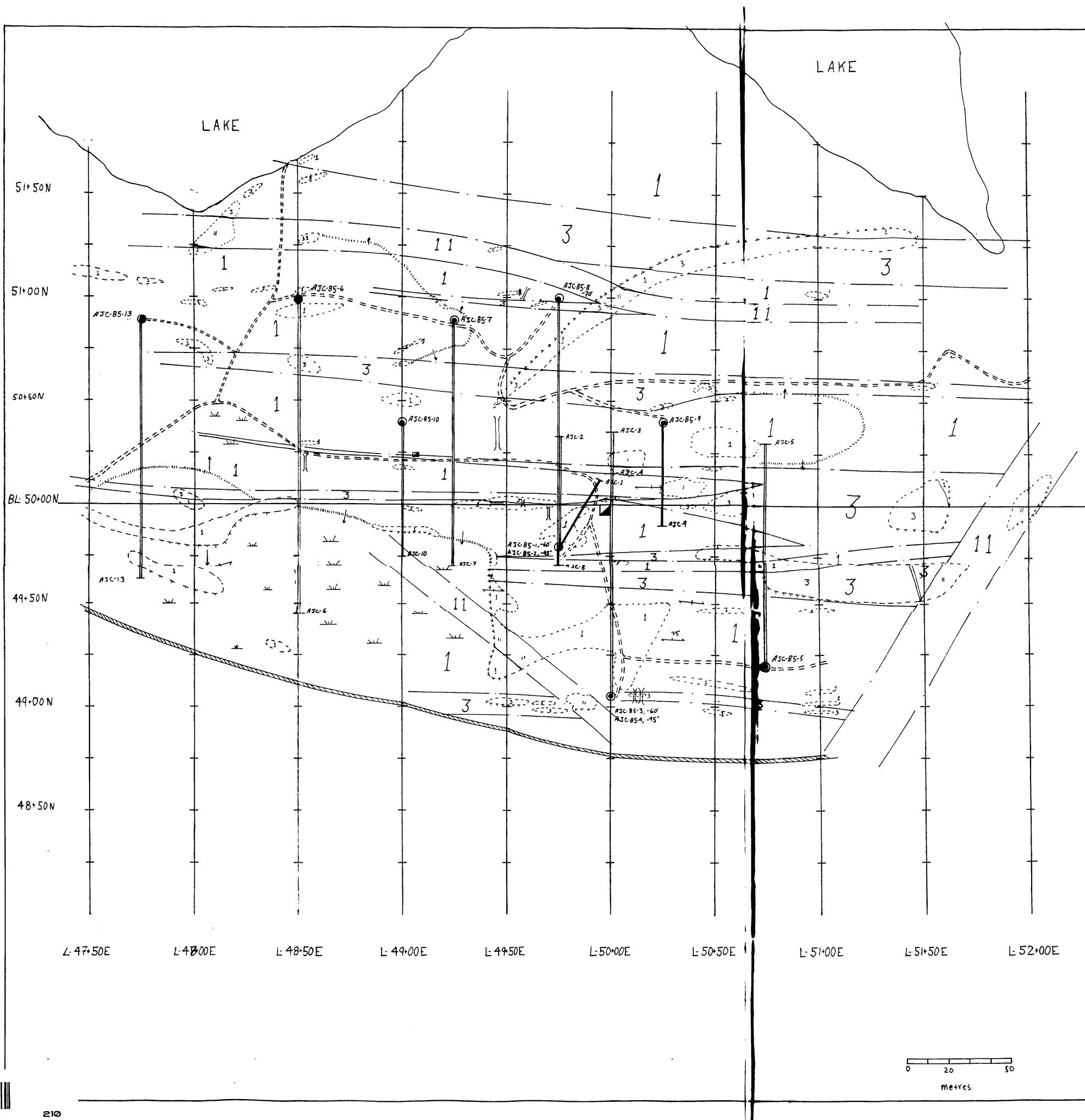
#### DISPOSITION OF CROWN LAN

# TYPE OF DOCUMENT SYN PATENT SURFACE & MINING RIGHTS Surface RIGHTS ONLY MM NG RIGHTS ONLY MINING RIGHTS SURFACE RIGHTS ONLY SURFACE RIGHTS ONLY MINING RIGHTS ONLY MINING RIGHTS MINING RIGHTS ONLY SURFACE RIGHTS ONLY MINING RIGHTS ONLY MINING RIGHTS ONLY MINING RIGHTS ONLY SURFACE RIGHTS ONLY MINING RIGHTS ONLY SURFACE OF OCCUPATION ORDER-IN COUNCIL SURFACE RESERVATION SURFACE SAND & GRAVEL SURFACE

NOTE MINING RIGHTS IN PARCELS PATENTED PRIOR TO 1913 VESTED IN ORIGINAL PATENTEE BY THE LANDS ACT RSO 1970 CHAP J80 SEC 63, SL

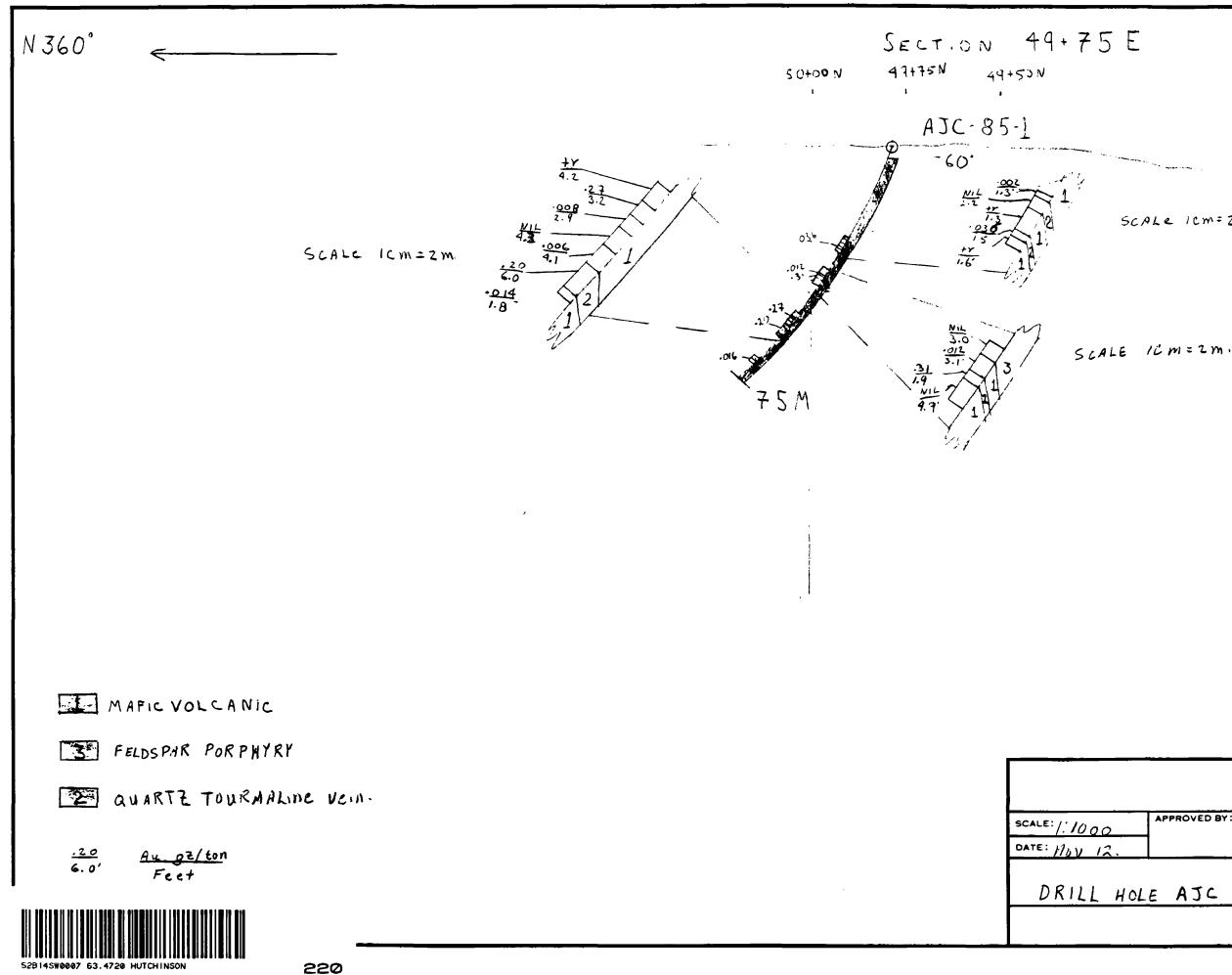
#### SCALE 1 INCH = 40 CHAINS





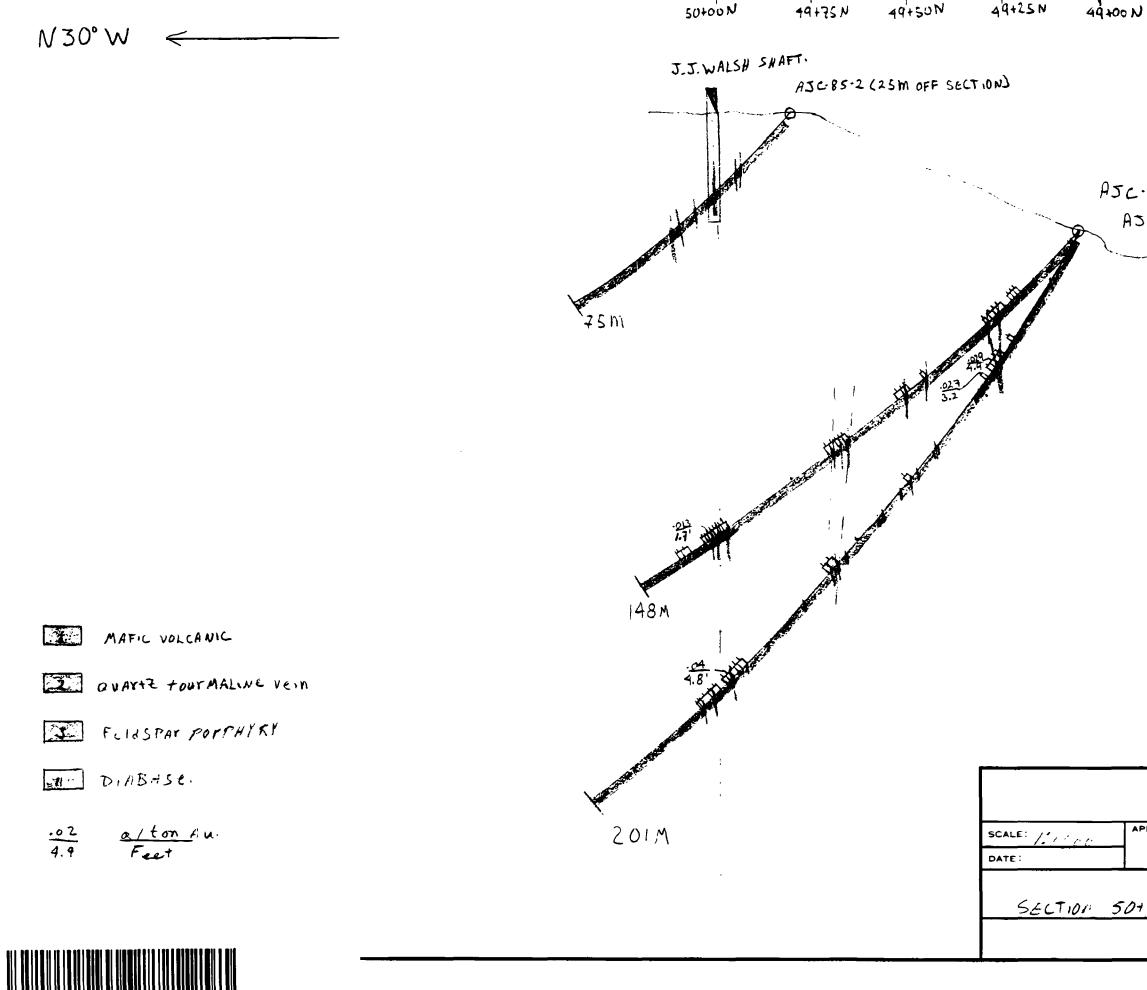


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$\sum$	
LEGEND	
MAFIC VOLCANIC ROCKS FELDSPAR PORPHYRITIC INTRUSIONS	
DIABASE INTRUSIONS	
GEOLOGICAL CONTACT	
OUTCROP	
SCHISTOSITY	
O DRILL HOLE	
SHAFT	
DRILL ROAD	
SWAMP	
TRENCH	
SLOPE	
GAS PIPELINE	
THER ALECT DECAUDOEC CODD	
INTERQUEST RESOURCES CORP.	-
ANJAMIN PROSPECT	63.4720 0485-195
GEOLOGY AND DRILL HOLE PLAN J. J. WALSH SHOWING	
SCALEDRAWN BYGEOLOGY BYN.T.S.FIGURE No.1: 1000G.AG.A.	



SCALE ICM=2m.

63.4720 APPROVED BY: DRAWN BY 6 4. REVISED DRILL HOLE AJC 85-1 DRAWING NUMBER



230





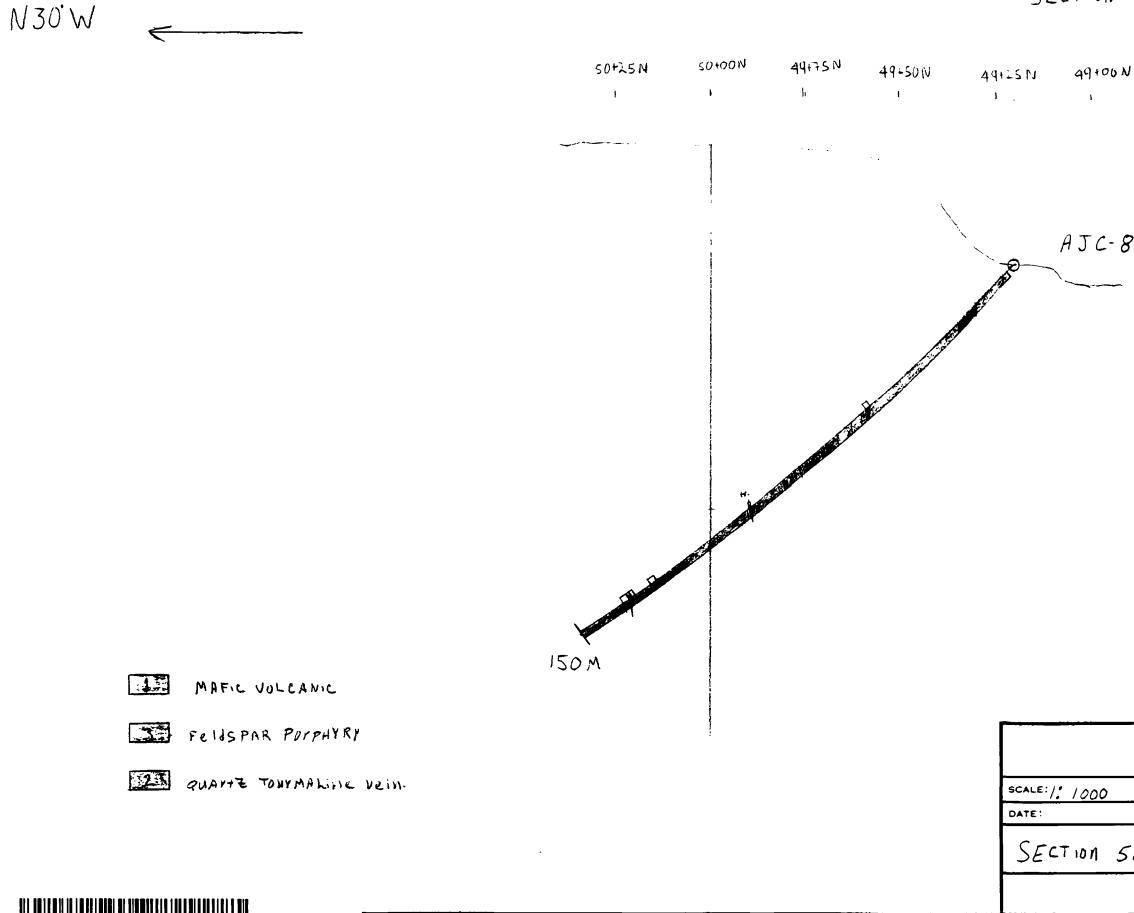
SECTION SOTOOE

AJC.85.4 ,-45" AJC-85-3, -60"

49+25N

63.4720
DRAWN BY
REVISED
3,4, 2.
DRAWING NUMBER



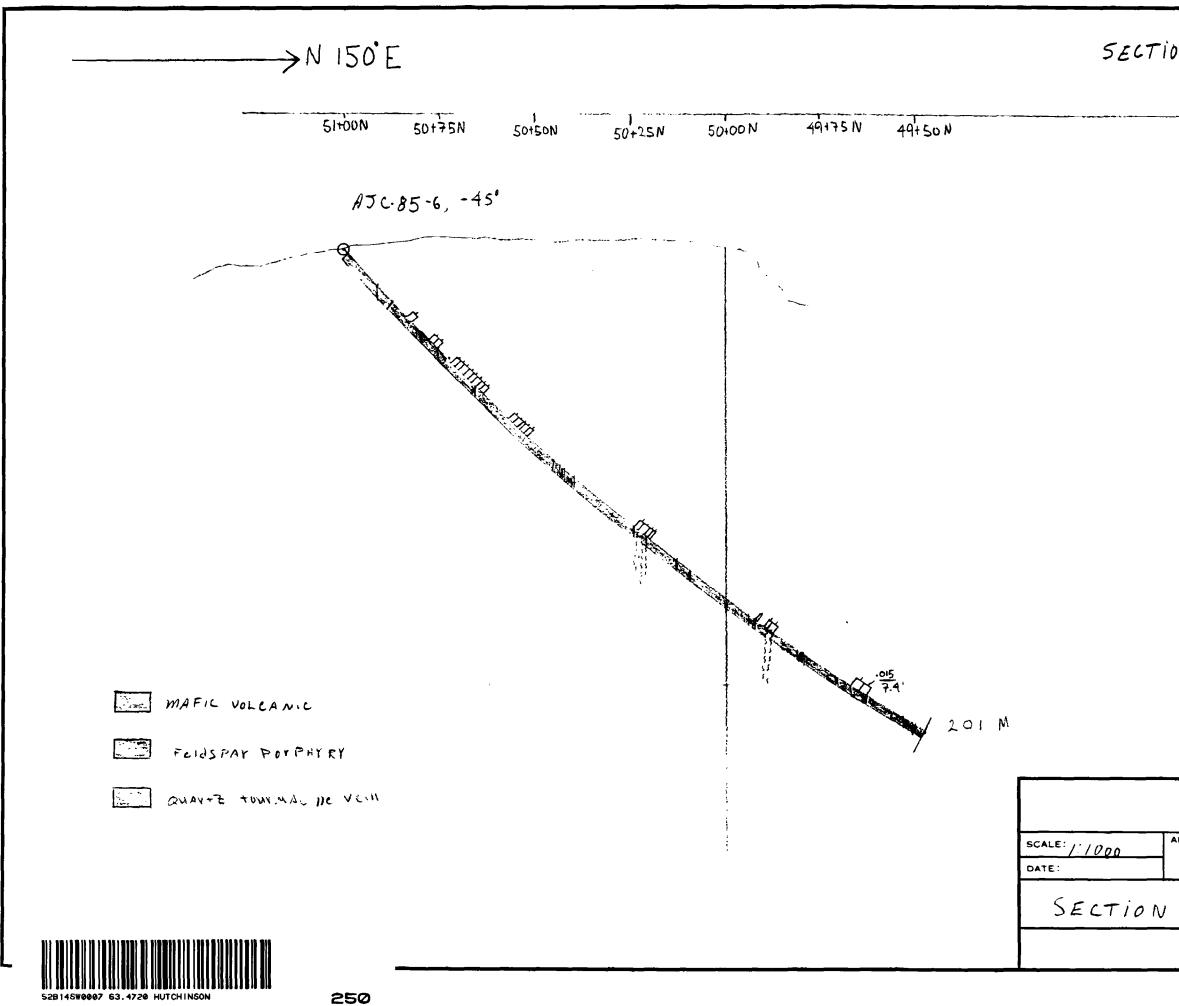


240

#### SECTION 50+75E

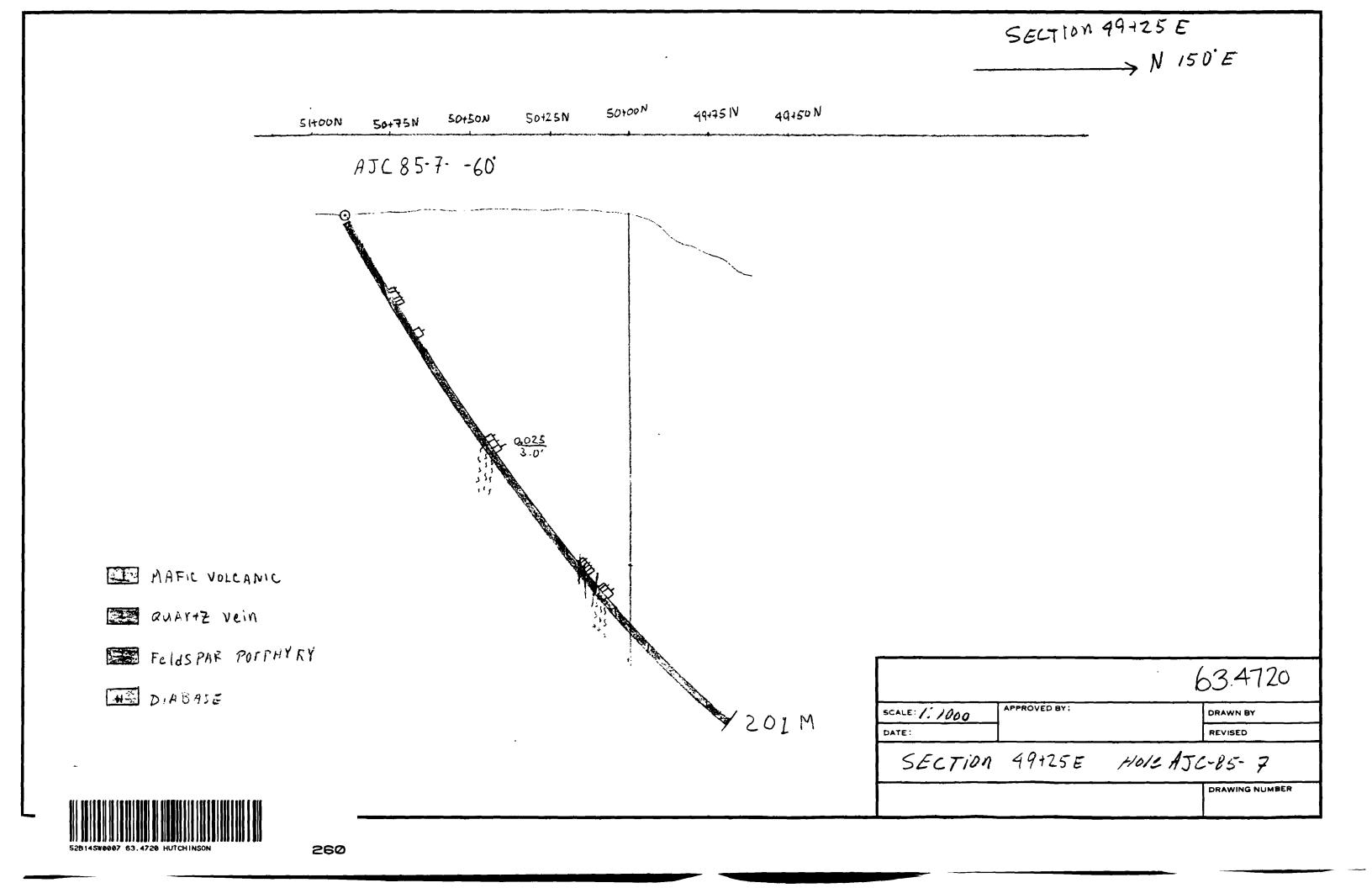
#### AJC-85-5 -45°

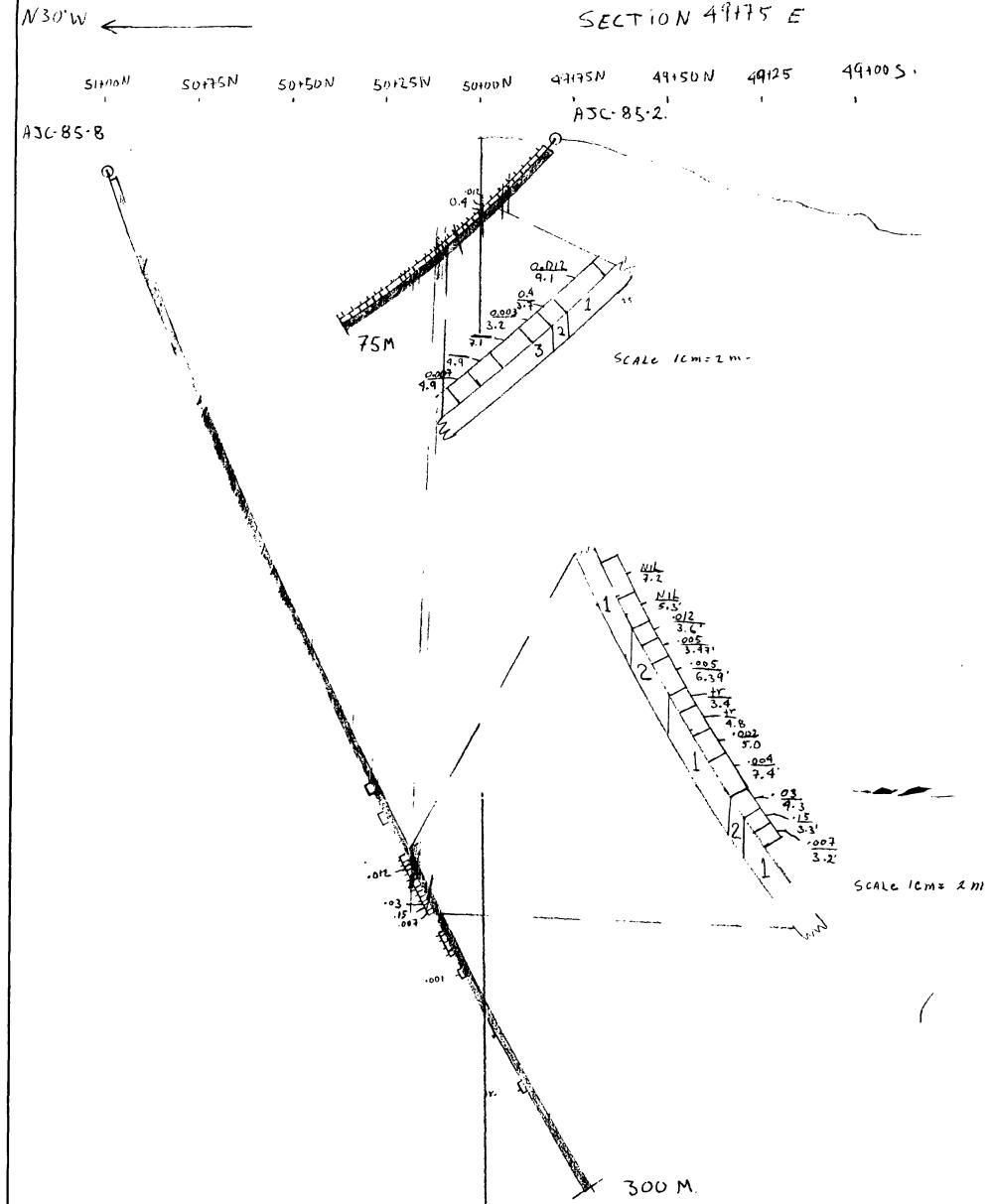
63.4720 APPROVED BY: DRAWN BY REVISED SECTION SOT75E Hole AJC85-5 DRAWING NUMBER



#### SECTION 48+50E

	63.4720
APPROVED BY :	DRAWN BY
~	REVISED
48+50E	HULE AJC.85-6
	DRAWING NUMBER







MAFIC VOLCANIC

Feidspar PorPHYRY

DIABASE

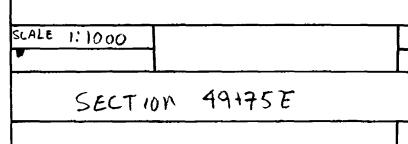
QUARTE TOURMALINE VCIN

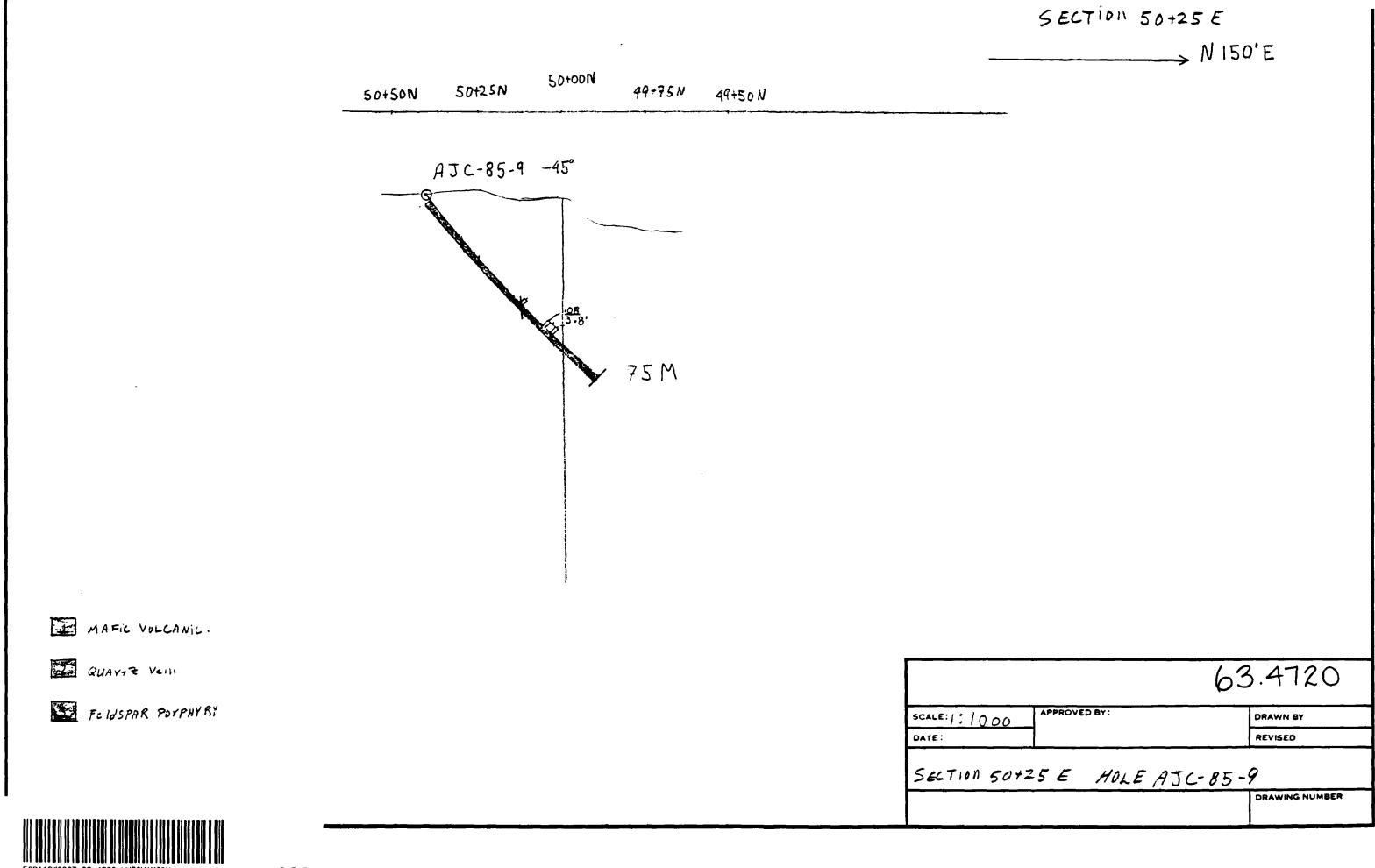
ASSAY VALUE (03/ton) .012 3.6 Feet



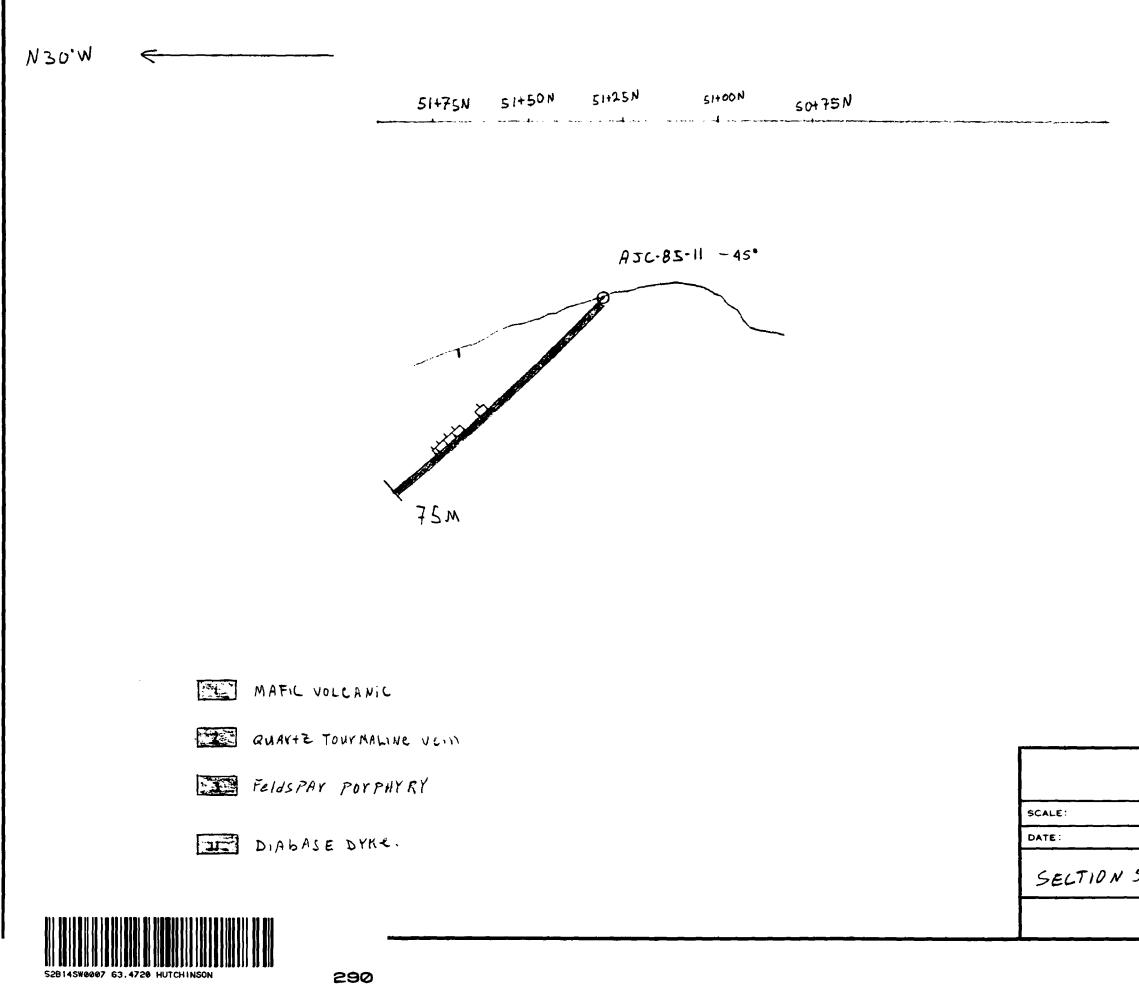
270

63.4720

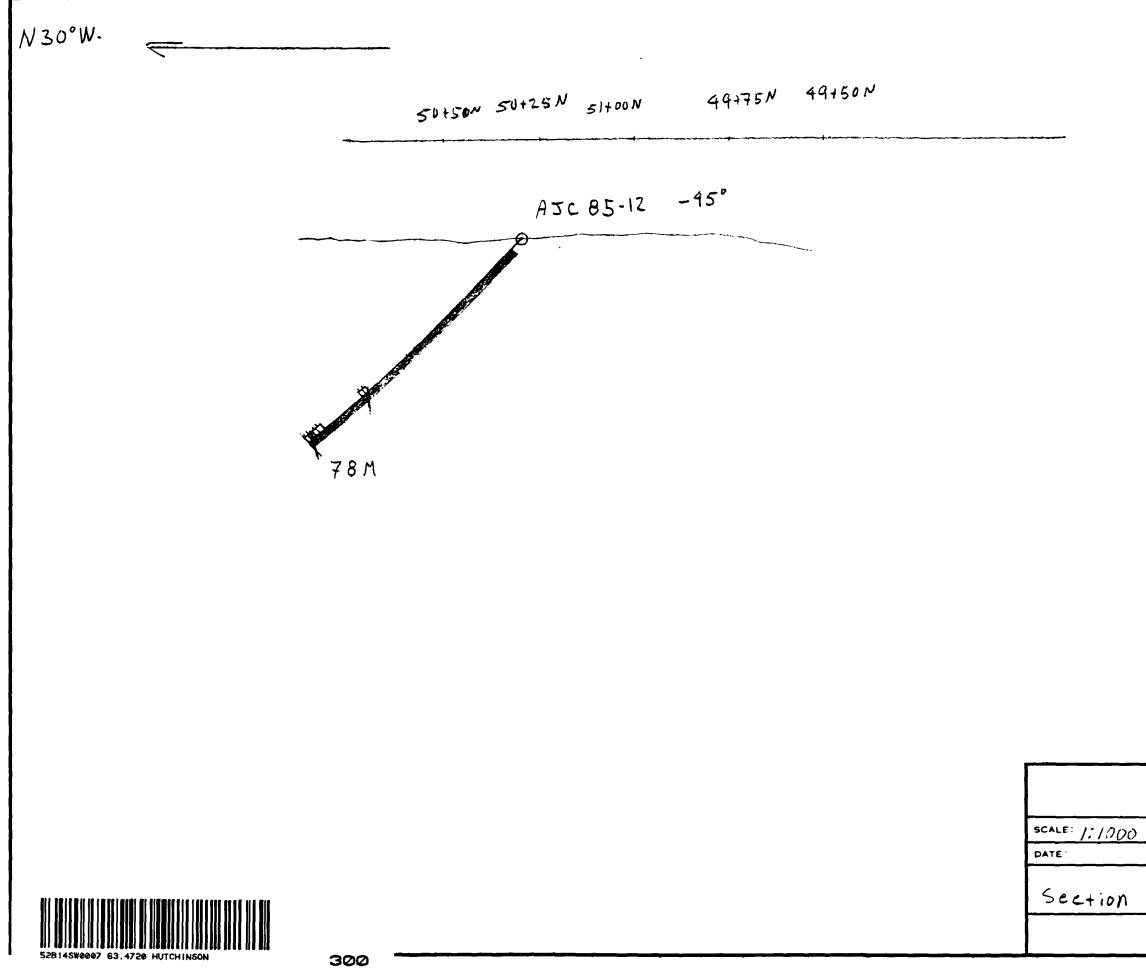




52814580007 63.4720 HUTCHINSON

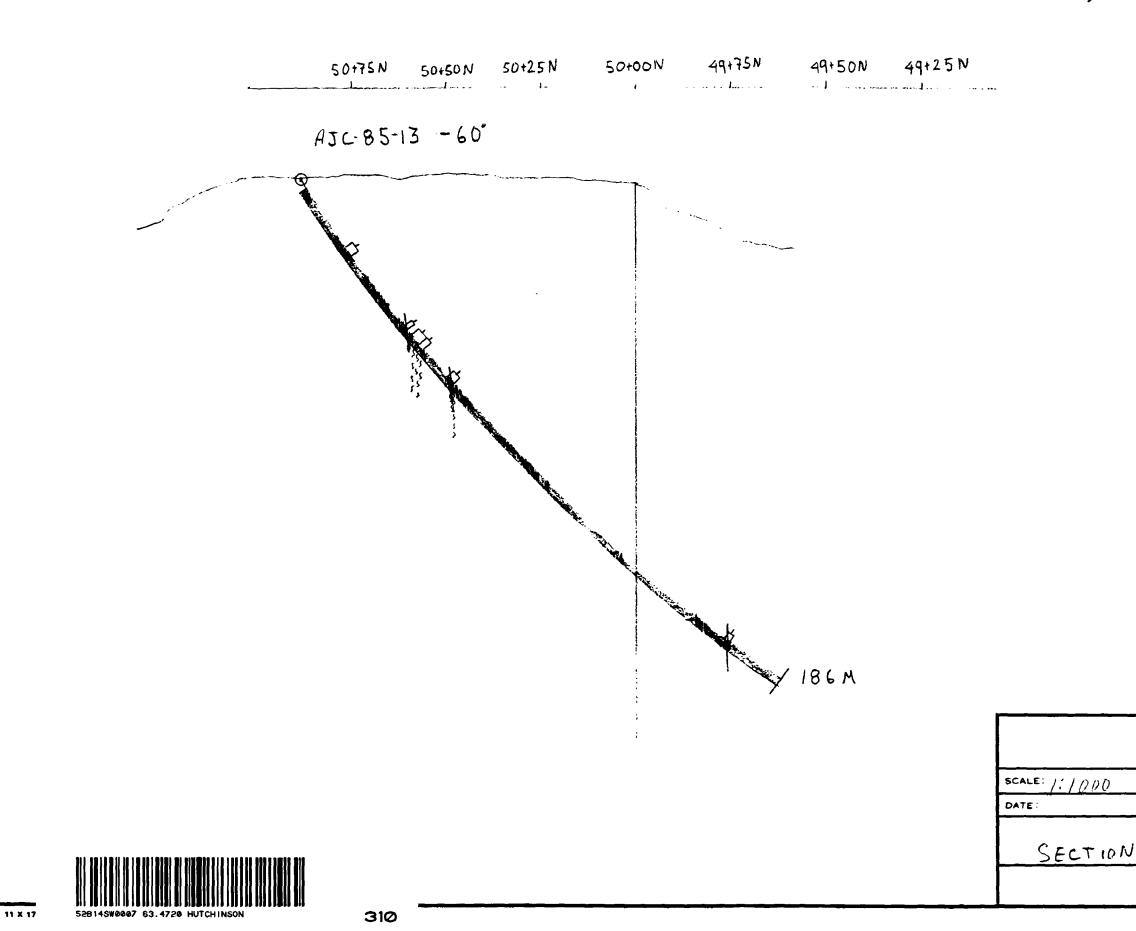


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	REVISED
STODE HOLE AJC.	85-11
	DRAWING NUMBER



SECTION 54+ 50E

	63.4720
APPROVED BY:	DRAWN BY
	REVISED
54+50E HOLE AJC 85-12	
	DRAWING NUMBER



-> N 150°E

#### Section 47175E

		63.4720
	APPROVED BY	DRAWN BY
		REVISED
N	47+75E	HOLE AJG85-13
		DRAWING NUMBER