010

Diamond Drilling

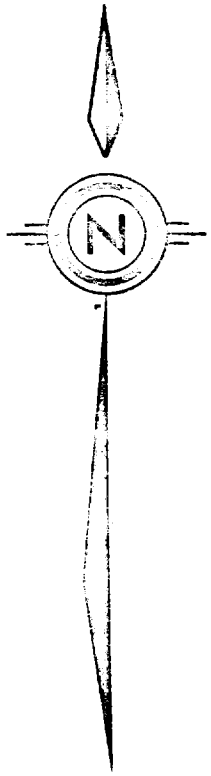
Township LESSARD

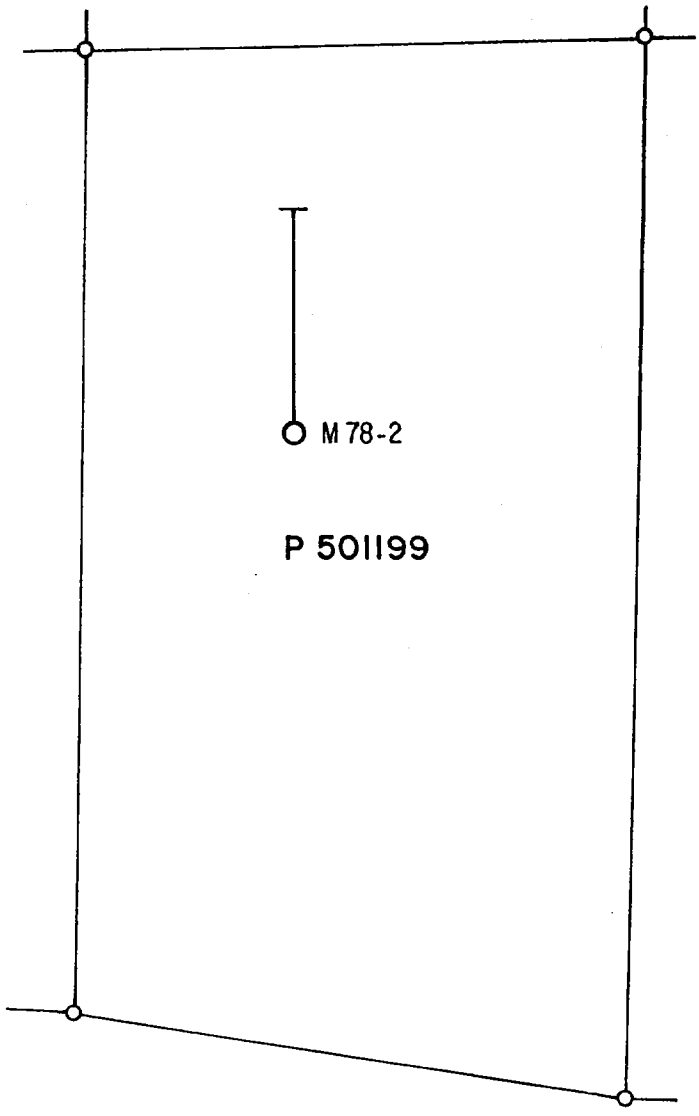
Report Nº: 10

Work performed by: BRINEX LIMITED

Claim Nº	Hole Nº	Footage	Date	Note
P 501190	M78-5	278.0	Oct/78	(1)
P 501186	M78-6	436.0	Oct/78	(1)
P 501206	M78-3	367.0	Oct/78	(2)
P 516918	M78-4	548.0	Oct/78	(2)
P 501199	M78-2	407.0	Oct/78	(3)
	5	2036'		

Notes: (1) #143-79
(2) #146-79
(3) #149-79





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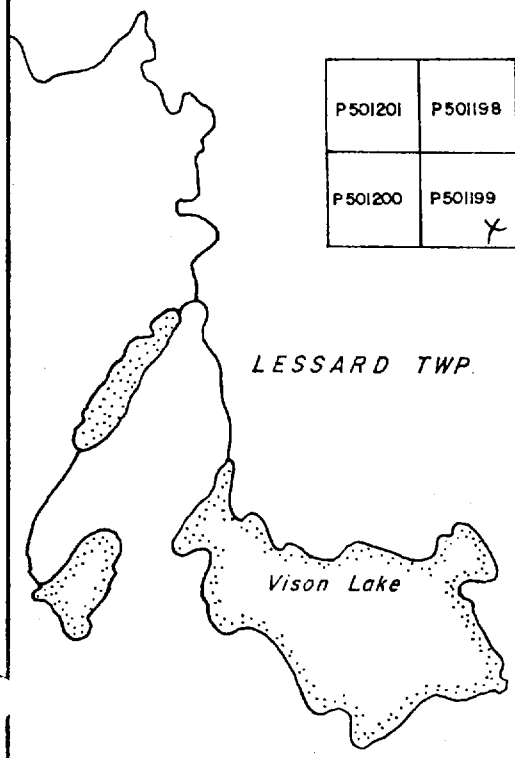
P501200	P501199 X	P516917



LOCATION MAP

Scale: 1" = 2640'

BRINEX LIMITED

MANITOUWADGE PROJECT

D.D.H. LOCATION

DATE: OCT 1979	MAP NUMBER: H 78009-1	COMPILED BY: P.H.
	MAP REFERENCE: 42 F	DRAWN BY: R.J.H.

200 100 0 200 400

FEET

PROJECT MANITOUWADGE

D. D. HOLE No. M78-2

LOCATION Grid A.E.-4, North of Vison Lake, Hornepayne

HOLE STARTED October 15th, 1978

HOLE COMPLETED October 18th, 1978

CORE RECOVERY 100 %

DRILLED BY N. Morissette

SURVEY		
Depth	Dip	Azimuth
0'	-45°	0°
407'	-39°	

COLLAR. LAT. 5 + 00 S

DEP. 16 + 00 E

ELEV.

AZIMUTH 0°

DIP. -45°

LENGTH 407'

HOR. PROJ. 303' VERT. PROJ. 277'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
0	16	Overburden				
16	33	Biotite-Quartz-Feldspar Gneiss - fine grained; dark grey color; contains quartz, feldspar and 30% biotite. Interlayered with Quartz-Feldspar-Biotite Gneiss and Biotite Gneiss Gneissosity is 45° to core 26' to 27' - Quartz-Feldspar-Biotite Gneiss Mineralization- contains a few specks of pyrite				
33	52.5	Quartz-Feldspar-Biotite Gneiss - medium grained; cream to pink color; contains quartz, pink feldspar and < 10% biotite. Interlayered with narrow layers of Biotite-Quartz-Feldspar Gneiss 37' - 38' - Mineralization - few specks of pyrite				
52.5	71	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'; with alternating narrow bands of light coloured Quartz-Feldspar-Biotite Gneiss Mineralization - odd speck of pyrite				

HOLE NO. M78-2

PROPERTY MANITOUWADGE

SHEET NO. 2 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
71	72	Quartz-Feldspar-Biotite Gneiss - as 33' to 52.5'				
72	75	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'				
75	77	Pegmatite - medium grained; pale white to pinkish colour; contains quartz, feldspar and minor biotite Mineralization - contains pyrite specks thru out				
77	98	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'				
98	113	Quartz-Feldspar-Biotite Gneiss - 33' to 52.5'				
113	116	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'				
116	119	Pegmatite - medium grained; cream colour; Mineralization - odd speck of pyrite				
119	140	Biotite-Quartz-Feldspar Gneiss - as 16' to 33' Mineralization - odd speck of pyrite				
140	141.5	Quartz-Feldspar-Biotite Gneiss - as 33' to 52.5' Gneissosity is 45° to core Mineralization - few pyrite specks				
141.5	162	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'; with narrow bands of Quartz-Feldspar-Biotite Gneiss Mineralization - minor pyrite specks occur thru out				
162	168	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'				

HOLE NO. M78-2

PROPERTY MANITOUWADGE

SHEET NO. 3 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
168	173.5	Pegmatite - medium to coarse grained; cream to pinkish color; contains quartz, feldspar and 20% biotite				
173.5	188.5	Quartz-Feldspar-Biotite Gneiss - as 33' to 52.5'; with narrow Biotite-Quartz-Feldspar Gneiss bands Mineralization - minor pyrite specks 178.5' - 179.5' - Biotite-Quartz-Feldspar Gneiss 180' - 183' - Biotite-Quartz-Feldspar Gneiss with minor pyrite specks				
188.5	236.5	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'; with narrow lenses (< 2') of Pegmatite and Quartz-Feldspar-Biotite Gneiss Gneissosity is 45° to core 211' - 212, - Pegmatite 223' - 224' - Pegmatite 233' - 235' - Quartz-Feldspar-Biotite Gneiss				
236.5	246	Quartz-Feldspar-Biotite Gneiss - as 33' to 52.5' Gneissosity is 55° to core Mineralization - minor pyrite specks thru out				
246	252	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'				
252	256	Pegmatite				
256	263	Biotite-Quartz-Feldspar Gneiss - as 16' to 33' 262.5' - 263' Mineralization - minor pyrite				
263	267	Quartz-Feldspar-Biotite Gneiss Mineralization - minor pyrite specks				

PROPERTY MANITOUWADGE

HOLE NO. M78-2

SHEET NO. 4 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET	% Au	% Ag	% Cu	% Pb	% Zn	% N
267	271	Pegmatite Mineralization - minor pyrite										
271	277	Biotite-Quartz-Feldspar Gneiss - as 16' to 33' with narrow lenses of Pegmatite Gneissosity is 30° to core	1463	277	280	3	Nil	Tr.	.01	Nil	.01	
277	284	Quartz-Feldspar Biotite Gneiss - as 33' to 52.5' Gneissosity is 40° to core	1464	280	281	1	Nil	Tr.	.02	Nil	.01	
			1465	281	283	2	Nil	Nil	.03	Nil	Nil	
		280.5' - 281.0' - Mineralization - heavy concentration of disseminated pyrrhotite and pyrite with minor chalcopyrite <10%	1466	283	286	3	Nil	Nil	.01	Nil	.01	
		281.5' - 282.5' - Mineralization - as 280.5' to 281.0'										
284	298	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'; slightly chloritized; with narrow lenses of Quartz-Feldspar Biotite Gneiss. Gneissosity is 10° to core	1467	286	288	2	Nil	Nil	.01	Nil	.01	
			1468	288	289	1	Nil	Nil	.01	Nil	.005	
			1469	289	294	5	Nil	Nil	.01	Nil	.01	
		286.5' - 287' - Mineralization - disseminated pyrite Gneissosity is 40° to core <10%	1470	294	299	5	Nil	Nil	.01	Nil	.01	
		288.5' - 289' - Mineralization - heavy concentration of pyrite & chlorite. Gneissosity is 40° to core										
		289' - 290' - Gneissosity is 0-10° to core										
		290' - 291' - Gneissosity is 30° to core										
298	301	Quartz-Feldspar-Biotite Gneiss - as 33' to 52.5' Gneissosity is 35° to core	1471	299	301	2	Nil	.01	.04	Nil	.005	
		296' - 297.5' - Mineralization - fair amount of disseminated pyrite <5%										
		300, - 301' - Mineralization - heavy concentration of disseminated pyrrhotite and pyrite with minor chalcopyrite <10%										

HOLE NO. M78-2

PROPERTY MANITOUWADGE

SHEET NO. 5 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET	% Au	% Ag	% Cu	% Pb	% Zn	
301	306.5	Quartz Vein - whitish grey color; vitreous; very hard Mineralization - heavily mineralized with pyrite thru out <10%	1472	301	306	5	Nil	Nil	.01	Nil	Nil	Nil
306.5	331	Biotite-Quartz-Feldspar Gneiss - as 16' to 33' interlayered with Pegmatite lenses Gneissosity to 40° to core 319' - 322' - Pegmatite - coarse grained; red feldspars 325' - 326' - Pegmatite - coarse grained; red feldspars	1473 1474 1475 1476 1477	306 308 313 318 323	308 313 318 323 328	2 5 5 5 5	Nil Nil Nil Nil Nil	Tr. Tr. Nil Nil Nil	.02 .01 .01 .01 .01	Nil Nil Nil Nil Nil	.01 .01 .01 .005 .01	
331	349	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'; chloritized; sulphide mineralization occurs where rock is more siliceous 339' - 342' - Mineralization - heavy concentration of disseminated pyrrhotite and pyrite with minor chalcopyrite <10% 342' - 347' - Mineralization - as 339' to 342' 347' - 349' - Mineralization - disseminated pyrrhotite, pyrite and chalcopyrite	1478 1479 1480 1481 1482	328 333 336 339 342	333 336 339 342 347	5 3 3 3 5	Nil Nil Nil Nil Nil	Tr. .01 Nil .01 Tr.	.02 .04 .02 .08 .04	Nil Nil .005 .005 .005	.01 .01 .01 .02 .03	
349	358	Quartz-Feldspar-Biotite Gneiss - as 33' to 52.5'										
358	374	Biotite-Quartz-Feldspar Gneiss - as 16' to 33' interlayered with Quartz-Feldspar-Biotite Gneiss lenses										
374	375	Pegmatite - coarse grained; contains quartz, red feldspars and minor biotite										
375	376.5	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'										
376.5	379	Pegmatite Mineralization - minor pyrite specks										

HOLE NO. M78-2

PROPERTY MANITOUWADGE

SHEET NO. 6 of 6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
379	381	Biotite-Quartz-Feldspar Gneiss - as 16' to 33'				
381	384	Quartz-Feldspar-Biotite Gneiss - medium grained; reddish color; contains quartz, white and red feldspars and < 10% biotite				
384	390	Biotite-Quartz-Feldspar Gneiss - as 16' to 33' interlayered with Quartz-Feldspar-Biotite Gneiss 384.5' - Mineralization - fair concentration of pyrite < 5% 388.5' - Mineralization - fair concentration of pyrite				
390	393	Quartz-Feldspar-Biotite Gneiss - as 381' to 384'				
393	407	Quartz-Feldspar-Biotite Gneiss - as 381' to 384' mixed with dark bands of Biotite-Quartz-Feldspar Gneiss Gneissosity is 60° to core axis				
	407	End of Hole No. M78-2				
		Logged by P. Hum October 18th, 1978				

Manitouwadge

TELEPHONE 642-3244
P.O. BOX 10

Swastika, Ont., P0K 1T0, October 25 1978

SWASTIKA LABORATORIES LIMITED

Certificate of Analysis

No. 47546

Lab M78-2

We have assayed 20 samples of Split Core

Received October 23 1978 and submitted by British Newfoundland Expl. Ltd.

33 City Centre Dr., S.210, Mississauga, Ont. with the following results:

SAMPLES PER: N.R. Newson

SAMPLE NO.	GOLD Oz./ton	SILVER Oz./ton	COPPER %	LEAD %	ZINC %	NICKEL %
1463	Nil	Trace	0.01	None	0.01	
1464	Nil	Trace	0.02	None	0.01	
1465	Nil	Nil	0.03	None	None	
1466	Nil	Nil	0.01	None	0.01	
1467	Nil	Nil	0.01	None	0.01	
1468	Nil	Nil	0.01	None	0.005	
1469	Nil	Nil	0.01	None	0.01	
1470	Nil	Nil	0.01	None	0.01	
1471	Nil	0.01	0.04	None	0.005	
1472	Nil	Nil	0.01	None	None	
1473	Nil	Nil	0.02	None	0.01	
1474	Nil	Trace	0.01	None	0.01	
1475	Nil	Nil	0.01	None	0.01	
1476	Nil	Nil	0.01	None	0.005	
1477	Nil	Nil	0.01	None	0.01	
1478	Nil	Trace	0.02	None	0.01	
1479	Nil	0.01	0.04	None	0.01	
1480	Nil	Nil	0.02	0.005	0.01	0.01
1481	Nil	0.01	0.08	0.005	0.02	0.005
1482	Nil	Trace	0.04	0.005	0.03	0.01

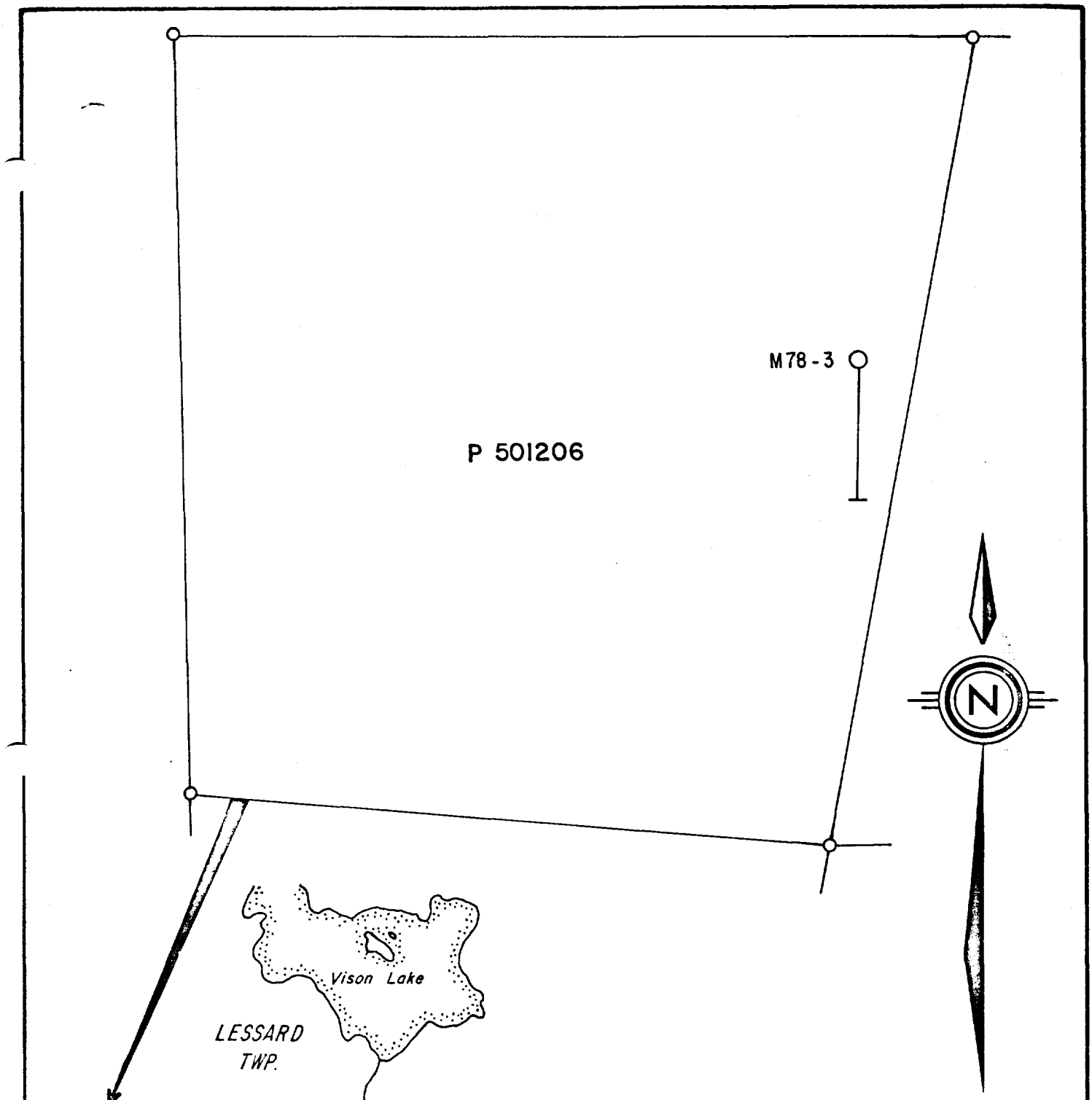
M782

RECEIVED
OCT 31 1978

Swastika Laboratories Limited

Per: G. Lebel
Manager

In accordance with long-established North American custom, unless it is specifically stated otherwise gold and silver values reported on these sheets have not been adjusted to compensate for losses and gains inherent in the fire assay process.



LOCATION MAP

Scale : 1" = 2640'

BRINEX LIMITED

MANITOUWADGE PROJECT

D.D.H. LOCATION

DATE : OCT 1979	MAP NUMBER : H 78010 - 3	COMPILED BY : P.H.
	MAP REFERENCE : 42 F	DRAWN BY : R.J.H.

200 100 0 200 400

FEET

PROJECT MANITOUWADGE

D. D. HOLE No. M78-3

LOCATION Grid A.E.-5 Southwest of Vison Lake, Hornepayne

HOLE STARTED October 20, 1978

HOLE COMPLETED October 25, 1978

CORE RECOVERY 99 %

DRILLED BY N. Morissette

SURVEY		
Depth	Dip	Azimuth
0'	-45°	180°
367'	-45°	

COLLAR. LAT. 8 + 00 N

DEP. 12 + 00 E

ELEV.

AZIMUTH 180°

DIP. -45°

LENGTH 367'

HOR. PROJ. 259' VERT. PROJ. 260'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
0	10	Overburden				
10	11	Quartz-Feldspar-Biotite Gneiss - medium to coarse grained; tan to pinkish color; made up of quartz, pink and white feldspars and biotite; biotite is concentrated in 2 - 3 mm thick bands giving the rock a compositional banded appearance; rusty coloring is evident in a few spots Gneissosity is 70° to core.				
11	19.5	Biotite Gneiss - medium to fine grained, light grey color; contains quartz, white feldspars and 10% biotite; chlorite is present in places up to 10%. Interlayered with narrow (1"-4") lenses of Pegmatite.				
		11.5' - 12' - Biotite-Quartz-Feldspar Gneiss - fine grained; dark grey; contains quartz, feldspar, biotite and minor chlorite				
		Mineralization - minor pyrite specks < 1%				

HOLE NO. M78-3

PROPERTY MANITOUWADGE

SHEET NO. 2 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
		12' - 12.5' - Quartz-Feldspar-Biotite Gneiss - porphyritic; 1-2 mm rounded quartz and feldspar grains, Mineralization - minor pyrite specks < 1%				
19.5	21.5	Pegmatite - medium to coarse grained; tan color; contains quartz, feldspar and minor biotite and chlorite				
21.5	24	Biotite Gneiss - as 11' to 19.5'; fine grained; light grey color; greenish color where chlorite is present Gneissosity is 70° to core				
24	28.5	Biotite Gneiss - medium to fine grained; light greyish color; with alternating 2-3 mm thick light & dark bands; contains quartz, feldspar, biotite and minor chlorite. Garnetiferous in places up to 20% 27' - 28' - Quartz Vein - with thin band of Biotite Gneiss, contains some chlorite & garnetiferous Mineralization - minor pyrrhotite & pyrite occuring with garnets 28' - 28.5 - Biotite Gneiss - heavily chloritized and very garnetiferous. Mineralization - minor pyrrhotite and pyrite				
28.5	41	Biotite Gneiss - fine grained; light grey to white color; highly siliceous; cherty; contains quartz, feldspar, 10% biotite and minor chlorite and garnets. Gneissosity is 75° to core. Mineralization - thin stringers (1-2 mm) of mainly pyrrhotite and minor pyrite occur thruout				
41	42.5	Biotite-Amphibolite Gneiss - fine grained; dark greenish grey color; contains quartz, feldspar, 60% biotite and minor chlorite Mineralization - small specks of disseminated pyrite				

PROPERTY MANITOUWADGE

HOLE NO. M78-3

SHEET NO. 5 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
155	175	Amphibolite - fine grained, dark green color; contains quartz, feldspar, biotite and 80% hornblende Gneissosity is 75° to core 171' - 173' - Pegmatite 174' - 175' - Amphibolite - fine grained; light green color; 50-60% hornblende; minor epidote and chlorite				
175	187	Amphibolite - as 174' to 175' Mineralization - very minor pyrite specks 176.5' - 177.5' - Pegmatite				
187	192	Biotite Gneiss - medium to fine grained, light grey color; contains quartz, feldspar and < 10% biotite Gneissosity is 70°-75° to core				
192	198	Amphibolite - fine grained; dark green color; contains quartz, feldspar, 50 - 60% hornblende and biotite and minor chlorite Mineralization - very minor pyrite specks				
198	200	Biotite Gneiss - as 187' to 192'				
200	210	Amphibolite - as 192' to 198'; 60 - 80% hornblende and biotite. Biotite content has increased at expense of hornblende				
210	223	Quartz-Feldspar-Biotite Gneiss - Interlayered with Amphibolite, Biotite Gneiss and Pegmatite				
223	236	Amphibolite - fine grained; dark green; contains quartz, feldspar, 50% hornblende and biotite and minor epidote and chlorite, porphyritic with round (1-2 mm) quartz and feldspar grains in places where mafic content is lower				

HOLE NO. M78-3

PROPERTY MANITOUWADGE

SHEET NO. 3 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
42.5	44	Quartz-Feldspar-Biotite Gneiss - medium grained; tan to pink color; contains chiefly quartz and white feldspar with < 5% biotite Mineralization - minor pyrite				
44	46	Core Lost				
46	47	Pegmatite - coarse grained; white color; contains quartz, feldspar and biotite				
47	52	Biotite - Amphibolite Gneiss - as 41' to 42.5' with 50 - 60% biotite and minor chlorite Mineralization - minor pyrite				
52	58.5	Biotite - Amphibolite Gneiss - interlayered with Pegmatites and Biotite Gneiss; Biotite Gneiss is porphyritic in places Mineralization - very minor pyrite specks 56' - 57' - Pegmatite - Coarse grained; white color				
58.5	62	Biotite - Amphibolite Gneiss - as 41' to 42.5'				
62	95	Biotite Gneiss - medium to fine grained; light grey color; contains quartz, feldspar and 10% biotite. Interlayered with narrow (<6") lenses of Pegmatite Mineralization - very minor pyrite specks				

HOLE NO. M78-3

PROPERTY MANITOUWADGE

SHEET NO. 4 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
95	136	Biotite Gneiss - medium to fine grained, light greenish grey color; contains quartz, feldspar and minor biotite and chlorite. Interlayered with narrow white Pegmatite and highly siliceous cherty zones. 95' - 97' - Mineralization - heavy concentration of pyrrhotite and pyrite with minor magnetite and some chalcopyrite < 10% 107' - 109' - Mineralization - disseminated pyrrhotite and pyrite 109' - 117' - Pegmatite - very siliceous cherty rock Mineralization - disseminated and heavy concentration of pyrrhotite and pyrite 119' - 123' - Pegmatite - very siliceous, cherty rock Mineralization - as 109' to 117' 123.5'- 125.5' - Pegmatite - very siliceous, cherty rock Mineralization - very heavy concentration of pyrrhotite and pyrite 128' - 130' - Mineralization - disseminated pyrrhotite and pyrite				
136	139	Biotite-Amphibolite Gneiss - fine grained; dark greenish color; contains quartz, feldspar, 60-80% biotite and minor chlorite				
139	142	Pegmatite - coarse grained; white greenish pink color; < 10% biotite				
142	153	Quartz-Feldspar-Biotite Gneiss - medium grained; pinkish color; 5-10% biotite Gneissosity is 70-75° to core				
153.	153.5	Biotite-Amphibolite Gneiss - as 41' to 42.5' with 80% biotite				
153.5	155	Pegmatite - coarse grained; whitish green color				

HOLE NO. M78-3

PROPERTY MANITOUWADGE

SHEET NO. 6 of 7

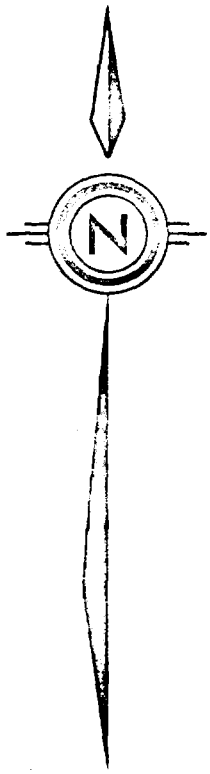
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
236	253	Hornblende-Quartz-Feldspar Gneiss - medium to fine grained; light grey colcr; same as Biotite-Quartz-Feldspar Gneiss except contains 20% hornblende instead of biotite. Rock grades into an Amphibolite where hornblende content is increased to 60 - 80%. Rock is porphyritic where quartz and feldspar predominate Gneissosity is 70° to core 238' - 240' - Amphibolite predominates 244' - 250' - Amphibolite predominates				
253	292	Amphibolite - fine grained; dark green color; contains quartz, feldspar and 50 - 60% hornblende and biotite; hornblende and biotite occur in equal amounts in places. Interlayered with Quartz-Feldspar-Biotite Gneiss and Pegmatites 266' - 269' - Quartz-Feldspar-Biotite Gneiss - medium grained; pink color; porphyritic; core is broken at 266' - 267.5' where rock is siliceous 272' - 274' - Quartz-Feldspar-Biotite Gneiss and Pegmatite				
292	295	Hornblende-Quartz-Feldspar Gneiss & Pegmatite -				
295	298	Amphibolite - as 253' to 292' Gneissosity is 85° to core				
298	299.5	Pegmatite -				
299.5	301	Hornblende-Quartz-Feldspar Gneiss - fine grained; dark green color; contains quartz, feldspar, 15% hornblende, 15% biotite & minor chlorite and garnets				
301	304	Amphibolite - as 253' to 292'				

HOLE NO. M78-3

PROPERTY MANITOUWADGE

SHEET NO. 7 of 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
304	315	Amphibolite - medium to fine grained; dark green color; porphyritic; contains quartz, feldspar, 50-60% mafics (mostly hornblende, some biotite), minor chlorite and epidote Mineralization - very minor pyrite specks				
315	332.5	Granite Gneiss - medium grained; equigranular; brick red to pinkish grey color; contains quartz feldspar, biotite and minor epidote				
332.5	355	Amphibolite - medium to fine grained; dark green color; porphyritic quartz and feldspar grains and 60 - 70% hornblende				
355	363	Hornblende - Quartz - Feldspar Gneiss - medium to coarse grained; light grey color; porphyritic; contains quartz, feldspar and 20 - 30% hornblende and biotite. Interlayered with narrow lenses of Pegmatite Mineralization - very minor pyrite specks				
363	367	Amphibolite - as 304' to 315' Gneissosity is 80° to core Mineralization - very minor pyrite specks				
	367	End of Hole No. M78-3				
		Logged by P. ~~Hum~~ October 25, 1978				



M78-4

P 516918

Vison Lake

LESSARD TWP.

P501206	P501205	P501202	P516918
P501207	P501204	P501203	P516919

LOCATION MAP

Scale 1" = 2640'

BRINEX LIMITED

MANITOUWADGE PROJECT

D.D.H. LOCATION

DATE: OCT 1979	MAP NUMBER: H 78010-4	COMPILED BY: P.H.
	MAP REFERENCE: 42F	DRAWN BY: R.J.H.

200 100 0 200 400

FEET

PROJECT MANITOUWADGE

D. D. HOLE No. M78-4

LOCATION Grid A.E.-5, Southwest of Vison Lake, Hornpayne

HOLE STARTED October 26th, 1978

HOLE COMPLETED October 28th, 1978

CORE RECOVERY 100 %

DRILLED BY N. Morissette

SURVEY

Depth	Dip	Azimuth
0'	-45°	180°
548'	-42°	

COLLAR. LAT. 10 + 30 N

DEP. 36 + 00 E

ELEV.

AZIMUTH 180°

DIP -45°

LENGTH 548'

HOR. PROJ. 400' VERT. PROJ. 374'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
0	10	Casing				
10	15	Pegmatite - medium to coarse grained; tan to pink in color; some rusty coloring in places; contains quartz, feldspars and biotite				
15	68.5	Quartz-Feldspar-Biotite Gneiss - medium grained; tan to pinkish in color; becomes pegmatitic in places where coarser grained; contains quartz, red and white feldspars and 5-10% biotite Gneissosity is 75-80° to core				
68.5	70.0	Biotite-Quartz-Feldspar Gneiss - medium to fine grained; dark grey color; contains quartz, feldspars, 25-30% biotite and minor chlorite Mineralization - few small pyrite specks				
70	73	Quartz-Feldspar-Biotite Gneiss				
73	106	Biotite Gneiss- medium to fine grained, light whitish grey color; contains quartz, feldspars and 15% biotite Gneissosity is 45-50° to core				

HOLE NO. M78-4

PROPERTY MANITOUWADGE

SHEET NO. 2 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
106	129	Biotite Amphibolite - very fine grained; dark green color; contains 60-80% biotite, quartz, plagioclase and minor chlorite; interlayered with Pegmatite, Biotite Gneiss and Biotite-Quartz-Feldspar Gneiss Gneissosity is 45° to core 106.5' - 107' - Pegmatite 107' - 109' - Pegmatite & Biotite Gneiss 111' - 112' - Biotite Gneiss 115.5' - 116.5' - Pegmatite 119' - 120' - Biotite-Quartz-Feldspar Gneiss				
129	135	Quartz-Feldspar-Biotite Gneiss - medium grained; pinkish color; contains quartz, red feldspars and 10% biotite. Gneissosity is 45° to core				
135	137.5	Pegmatite - coarse grained; red color; with narrow lenses (< 2") of Biotite Amphibolite & Biotite Gneiss				
137.5	147.5	Biotite Amphibolite - as at 106' - 129'				
147.5	151.5	Pegmatite, Biotite Gneiss & Biotite Amphibolite - narrow lenses (< 6") are all mixed together; maybe a migmatite				
151.5	152.5	Biotite Amphibolite				
152.5	153.5	Pegmatite				
153.5	154.5	Biotite Amphibolite				
154.5	157	Pegmatite & Biotite Gneiss				
157	161	Quartz-Feldspar-Biotite Gneiss - medium grained; light greyish color; contains quartz, feldspar & 10% biotite; with narrow lenses of Biotite Gneiss & Pegmatite Gneissosity is 45° to core.				
161	162	Biotite Amphibolite				

PROPERTY MANITOUWADGE

HOLE NO. M78-4

SHEET NO. 3 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
162	162.5	Quartz-Feldspar-Biotite Gneiss - medium to fine grained; light grey pinkish color; contains 1mm porphroblasts of quartz & feldspar and < 10% of biotite				
162.5	163	Biotite Amphibolite				
163	178	Quartz-Feldspar-Biotite Gneiss - medium grained; pinkish grey color; appears pegmatitic in places where coarser grained and more felsic; with narrow lenses (<6") of Biotite-Quartz-Feldspar Gneiss				
178	180.5	Pegmatite - coarse grained; white color				
180.5	182	Biotite Gneiss - medium to fine grained; light grey color; good gneissosity; contains quartz, feldspar and 10% biotite				
182	186	Pegmatite - coarse grained; pinkish grey color; with 3" lenses of Biotite Amphibolite				
186	191	Biotite Amphibolite - fine grained; dark green color; porphyroblastic; contains quartz, plagioclase, 50-60% biotite and minor chlorite Gneissosity is 75° to core				
191	192	Pegmatite - coarse grained, white color				
192	193	Biotite Amphibolite - fine grained; dark green; porphyroblastic; contains quartz, plagioclase, 50% biotite and minor chlorite and epidote				

HOLE NO. M78-4

PROPERTY MANITOUWADGE

SHEET NO. 4 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
193	204	Biotite-Quartz-Feldspar Gneiss - medium to fine grained, dark grey color; contains quartz, feldspar and 20% biotite; with narrow lenses of Biotite Amphibolite and Pegmatite 195' - 195.5' - Biotite Amphibolite 197' - 197.5' - Biotite Amphibolite 200.5' - 201' - Pegmatite				
204	236	Biotite Amphibolite - fine grained; dark green color; contains quartz, plagioclase, 60-80% biotite and minor chlorite and epidote Gneissosity is 80-90° to core 205' - 205.5' - Mineralization - minor pyrite dissemination 209.5' - 210.5' - Pegmatite & Biotite-Quartz-Feldspar Gneiss 224' - 225' - Biotite Gneiss 234' - 235' - Biotite-Quartz-Feldspar Gneiss				
236	251	Pegmatite - coarse grained; pinkish color				
251	262	Biotite-Quartz-Feldspar Gneiss - medium to fine grained; dark grey color; porphyroblastic where it becomes coarser grained and more felsic				
262	263	Biotite Amphibolite - fine grained; dark green; 60-80% biotite				
263	264	Pegmatite - with 4" Quartz Vein				
264	266	Biotite-Quartz-Feldspar Gneiss - as 193' to 204' Gneissosity is 90° to core axis				
266	271	Pegmatite - coarse grained; pink color; with narrow lense (< 5") of Biotite Amphibolite				

HOLE NO. M78-4

PROPERTY MANITOUWADGE

SHEET NO. 5 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
271	273	Biotite-Quartz-Feldspar Gneiss - medium grained; dark grey color; contains porphyroblasts (1mm) of quartz and feldspar and 25% biotite				
273	273.5	Biotite Amphibolite -				
273.5	276	Quartz-Feldspar-Biotite Gneiss - as 15' to 68.5' with coarse grained, white to tan colored Pegmatite				
276	278	Biotite Amphibolite - as 186' to 191'				
278	291	Biotite-Quartz-Feldspar Gneiss - as 68.5' to 70' with narrow 4" Pegmatite 287.2' - 287.5' - Mineralization - fair amount of pyrrhotite and pyrite in chloritized zone<5%				
291	294.5	Biotite Amphibolite - fine grained; dark green color; 50-60% biotite; 10%(or less) chlorite Gneissosity is 85-90° to core Mineralization - minor pyrite specks disseminated thru out				
294.5	297	Biotite-Quartz-Feldspar Gneiss - as 68.5' to 70' Gneissosity is 85° to core				
297	301.5	Pegmatite - coarse grained; white color; contains quartz, feldspar, biotite and minor epidote				
301.5	304	Biotite Gneiss + Quartz-Feldspar-Biotite Gneiss - inter-banded together in narrow (< ½") layers; fine grained; porphyroblastic in places and some chloritic zones ; alternating dark grey to light grey to pink color; Gneissosity is 85 - 90° to core. Mineralization - very minor pyrite specks				

HOLE NO. M78-4

PROPERTY MANITOUWADGE

SHEET NO. 6 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
304	307.5	Pegmatite - medium grained, light grey color				
307.5	308	Pegmatite - medium grained, pink color				
308	311	Biotite Gneiss + Quartz-Feldspar-Biotite Gneiss - as 301.5' to 304' Gneissosity is 80° to core				
311	312	Pegmatite - coarse grained; pink to tan color				
312	313	Biotite Amphibolite - fine grained; dark green color; quartz, plagioclase; 60-80% biotite and hornblende and minor chlorite Mineralization - heavy pyrrhotite disseminated in 1" lense<10%				
313	314	Biotite-Quartz-Feldspar Gneiss - as 68.5' to 70'; 20-30% biotite; Gneissosity is 80° to core				
314	315	Quartz-Feldspar-Biotite Gneiss - as 15' to 68.5'; tan color; grades into Pegmatite				
315	318	Pegmatite - medium to coarse grained; pink color, minor biotite				
318	326	Pegmatite - medium to coarse grained; pink color, mixed with layers of Biotite-Quartz-Feldspar Gneiss Mineralization - very minor pyrite specks in gneissic rock				
326	334	Biotite-Quartz-Feldspar Gneiss - medium to fine grained; dark grey color; 30% biotite, minor chlorite; with narrow lenses (¼" - 2") of pink Pegmatite Mineralization - very minor pyrite disseminated thru core				

PROPERTY MANITOUWADGE

HOLE NO. M78-4

SHEET NO. 7 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
334	336	Biotite-Quartz-Feldspar Gneiss - medium to fine grained, dark grey in color; 20% biotite, minor chlorite; slightly more siliceous Gneissosity is 90° to core Mineralization - good pyrrhotite and pyrite disseminated thru core 10%				
336	350	Biotite-Quartz-Feldspar Gneiss - as 334' to 336'; with alternating pink bands of narrow (< ½") Pegmatite lenses; chloritized in places Mineralization - minor pyrite disseminated thru core 340' - 341.5' - Mineralization - pyrrhotite and pyrite in 1½' chloritized lense; approximately 20% chlorite 343' - 344' - Mineralization - heavy pyrrhotite and pyrite dissemination; some chlorite and epidote				
350	357	Biotite-Quartz-Feldspar Gneiss - very fine grained; dark grey color; garnetiferous; 30% biotite Gneissosity is 90° to core axis				
357	358	Pegmatite - coarse grained; white color Mineralization - minor pyrite disseminated in 2" wide chloritized band				
358	365	Biotite-Quartz-Feldspar Gneiss - as 68.5' to 70'				
365	372	Pegmatite - coarse grained; tan color; with narrow lenses (< 6") of Biotite-Quartz-Feldspar Gneiss Mineralization - minor pyrite specks thru out core 367' - 367.5' - Mineralization - disseminated pyrrhotite with minor pyrite and chalcopyrite				

PROPERTY MANITOUWADGE

HOLE NO. M78-4

SHEET NO. 8 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
372	376.5	Biotite-Quartz-Feldspar Gneiss - as 68.5' to 70'; 20% biotite and minor chlorite				
376.5	377	Pegmatite - coarse grained; tan to greenish color Mineralization - good pyrite and pyrrhotite disseminated thru out core				
377	385	Biotite-Quartz-Feldspar Gneiss - as 68.5' to 70'; garnetiferous; cut by felsic pegmatite lenses (< 4") in places				
385	387.5	Pegmatite - as 376.5' to 377'; Mineralization - good pyrrhotite and pyrite disseminated thru out core <10%				
387.5	389.5	Biotite-Quartz-Feldspar Gneiss - as 372' to 376.5'; Gneissosity is 80° to core Mineralization - minor pyrite				
389.5	391	Pegmatite - coarse grained; whitish green color; very siliceous; minor chlorite Mineralization - heavy pyrrhotite disseminations				
391	394	Biotite-Quartz-Feldspar Gneiss - as 372' to 376.5'; with narrow (< 6") Pegmatite lense Mineralization - minor pyrite				
394	396	Pegmatite - as 389.5 to 391'; Mineralization - heavy pyrite disseminations with minor pyrrhotite 10%				

PROPERTY MANITOUWADGE

HOLE NO. M78-4

SHEET NO. 9 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
396	397.5	Quartz-Feldspar-Biotite Gneiss - medium to fine grained; light greenish grey color; contains quartz, feldspar, < 5% biotite, and minor epidote and chlorite				
397.5	399	Biotite Amphibolite - fine grained; dark green color, 60% biotite, minor chlorite; mixed with Pegmatite lenses. Mineralization - minor pyrite				
399	400	Quartz-Feldspar-Biotite Gneiss - medium grained; pink color, 5% biotite Gneissosity is 75° to core				
400	403.5	Biotite Amphibolite - fine grained; dark green; 50-60% biotite; minor chlorite				
403.5	404	Granite Gneiss - medium grained; equigranular; dark pink color; contains quartz, feldspar and biotite				
404	411.5	Biotite Amphibolite - as 400' to 403.5'; mixed with narrow lenses (< 6") of Pegmatite and Quartz-Feldspar-Biotite Gneiss				
411.5	413	Quartz-Feldspar-Biotite Gneiss - as 399' to 400' Gneissosity is 70° to core				
413	420.5	Biotite Amphibolite - fine grained; porphyroblastic; dark green color; 60% biotite and some chlorite Mineralization - minor specks of pyrite				
420.5	423	Biotite Gneiss - medium grained; light grey color; 10% biotite; with narrow lenses (< 3") of Biotite Amphibolite				
423	429	Biotite Amphibolite - as 400' to 403.5'; with narrow lenses (< 4") of Quartz-Feldspar-Biotite Gneiss				

PROPERTY MANITOUWADGE

HOLE NO. M78-4

SHEET NO. 10 of 11

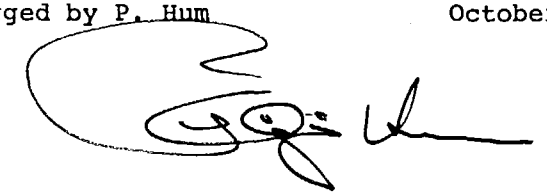
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
429	435	Biotite-Quartz-Feldspar Gneiss - as 372' to 376.5' Gneissosity is 50° to core 431.5' - 432' - Biotite amphibolite 432' - 432.5' - Pegmatite				
435	444	Biotite Amphibolite - as 400' to 403.5'				
444	448	Pegmatite				
448	484	Biotite Amphibolite - as 400' to 403.5' 460' - 460.5' - Quartz-Feldspar-Biotite Gneiss 463' - 464' - Pegmatite 473' - 476' - Biotite-Quartz-Feldspar Gneiss 477' - 478' - Biotite Gneiss 481' - 482' - Biotite-Quartz-Feldspar Gneiss				
484	488	Quartz-Feldspar-Biotite Gneiss - as 399' to 400'				
488	489	Pegmatite				
489	494	Quartz-Feldspar-Biotite Gneiss - as 399' to 400'				
494	501	Biotite Amphibolite - as 400' to 403.5' Gnessosity is 50° to core				
501	504	Biotite-Quartz-Feldspar Gneiss - as 372' to 376.5' Gneissosity is 50° to core				
504	512	Biotite Amphibolite - as 400' to 403.5' Gneissosity is 80° to core				

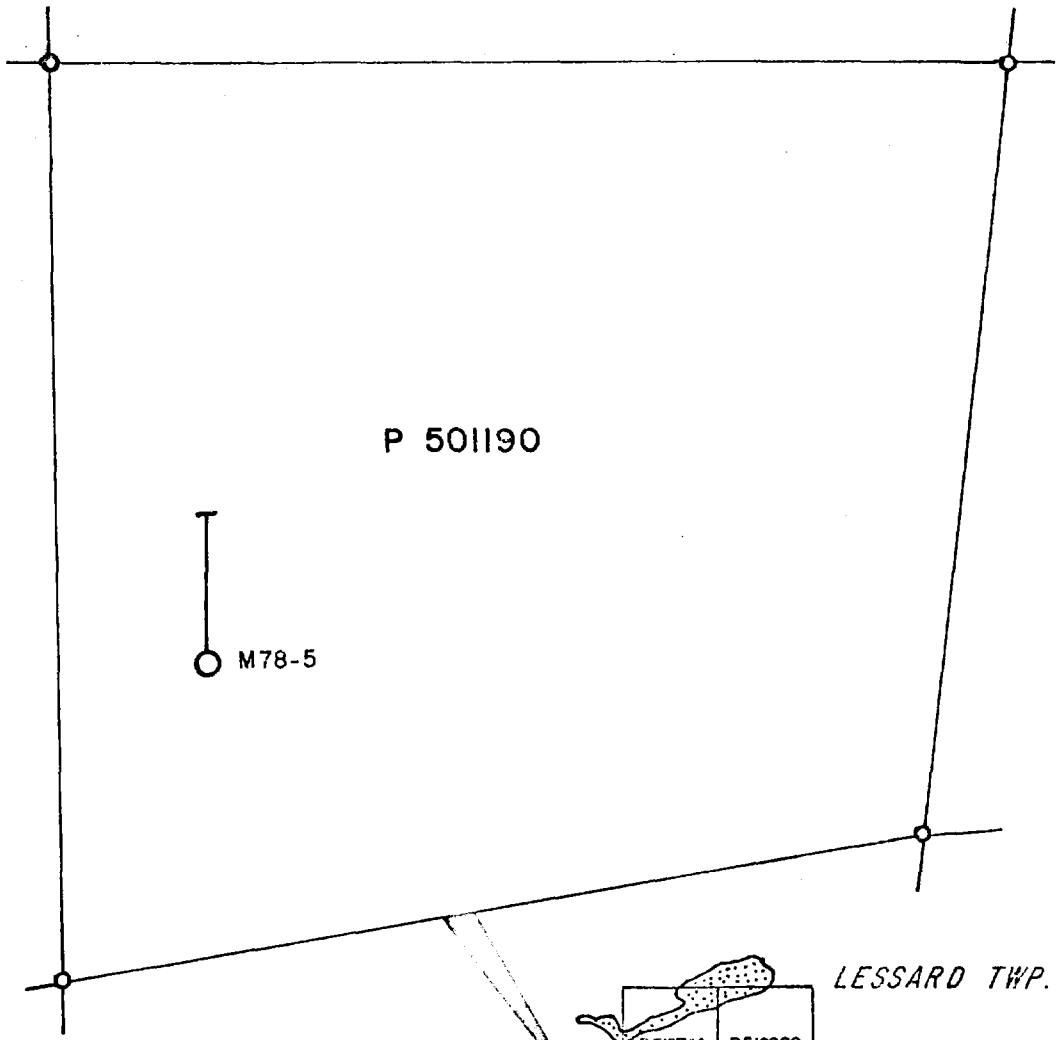
HOLE NO. M78-4

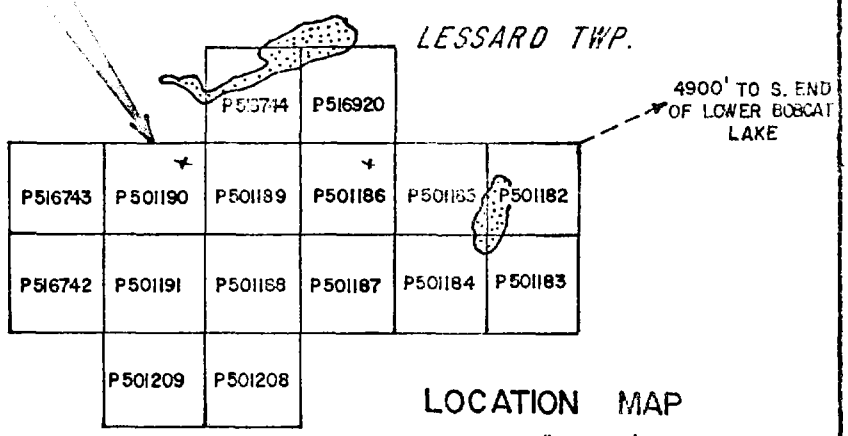
PROPERTY MANITOUWADGE

SHEET NO. 11 of 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
512	513	Pegmatite - pink greenish color				
513	520	Biotite Amphibolite - as 400' to 403.5'				
520	523	Pegmatite - white to tan color				
523	532	Biotite Amphibolite - as 400' to 403.5' Gneissosity is 80° to core				
532	533	Granite Gneiss - medium grained; equigranular; brick red color; contains quartz, feldspars and biotite Gneissosity is 45° to core				
533	546	Biotite Amphibolite - as 400' to 403.5'				
546	548	Biotite Gneiss				
	548	End of Hole M78-4				
		Logged by P. Hum October 28th, 1978				

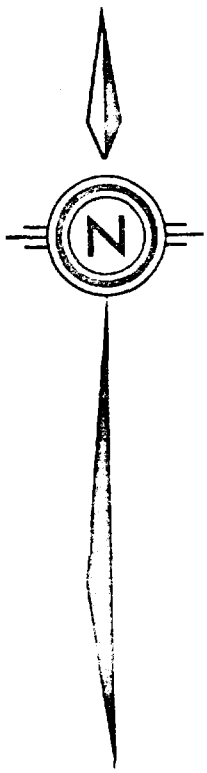






LOCATION MAP

Scale: 1" = 2640'



BRINEX LIMITED

MANITOUWADGE PROJECT

D.D.H. LOCATION

DATE:	MAP NUMBER: H 78011-3	DRILLED BY: P.H.
	MAP REFERENCE: 42F	DRAWN BY: D.J.H.

200 100 0 200 400

FEET

PROJECT MANITOUWADGE

D. D. HOLE No. M78-5

LOCATION GRID A.E. -6, Southeast of Vison Lake, Hornepayne

HOLE STARTED October 31, 1978

HOLE COMPLETED November 2, 1978

CORE RECOVERY 100 %

DRILLED BY N. Morissette

SURVEY		
Depth	Dip	Azimuth
0'	-45°	0°
278'	-42°	

COLLAR. LAT. 15 + 50 N

DEP. 20 + 00 W

ELEV.

AZIMUTH 0°

DIP. -45°

LENGTH 278'

HOR. PROJ. 202' VERT. PROJ. 192'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
0	18	Overburden				
18	27	Biotite Gneiss - with chlorite;grey color;contains knots of magnetite several mm in diameter. Core angle is 70°.				
27	32	Quartz-Feldspar-Pegmatoid-Rock - pink to orange color;contacts apparently concordant.				
		Mineralization - few cubes of pyrite as accessory minerals.				
32	160	Biotite Gneiss - light to dark grey color depending on content of biotite;few lenses of chlorite.				
		Mineralization - begins at 39';pyrrhotite with some pyrite;sulphides interstitial to altered rounded feldspar grains and to rounded to angular clots of biotite;also a few grains of magnetite.				

PROPERTY MANITOUWADGE

HOLE NO. M78-5

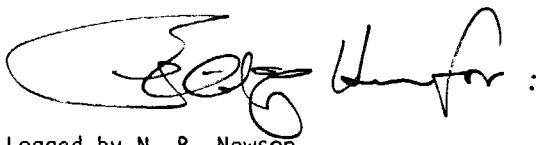
SHEET NO. 2 of 3

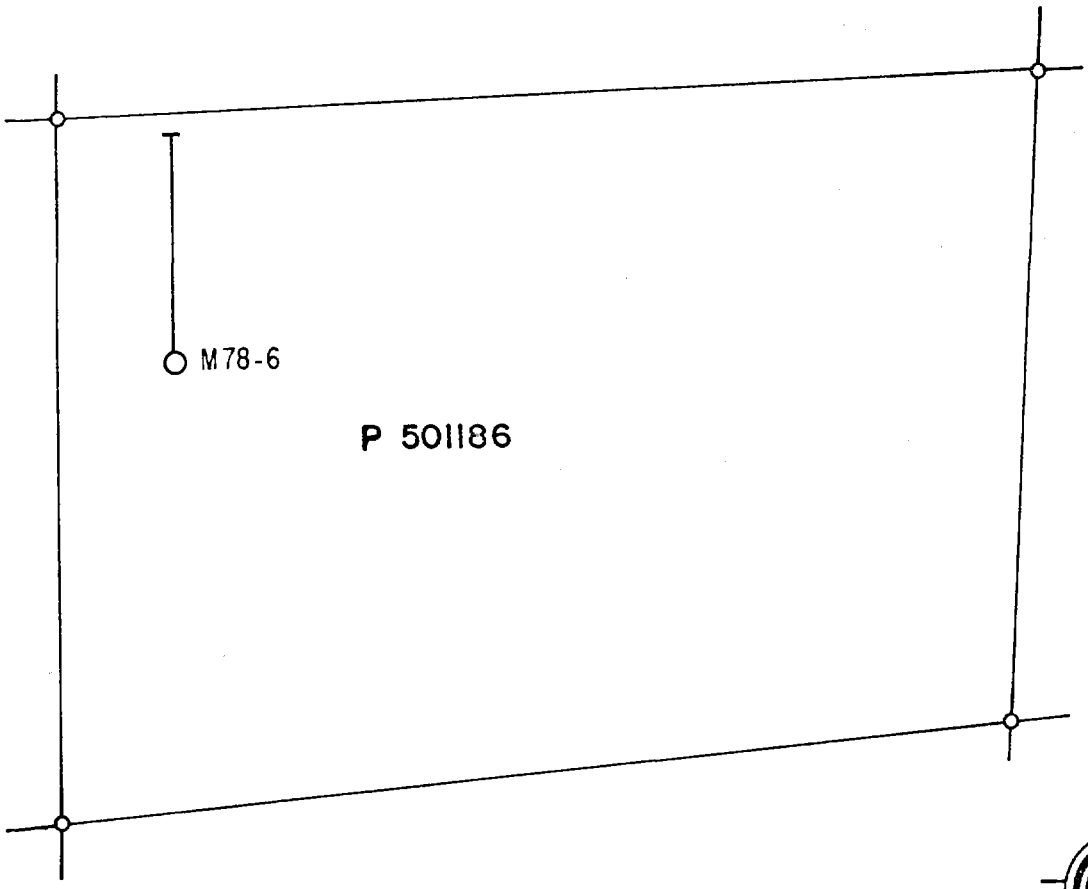
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
		39 - 40 15% sulphides; connected well enough to be conductive 40 - 48 Disseminated mineralization (5%); not likely well connected enough to be conductive. 48 - 49 12% of pyrrhotite and pyrite as descirbed in 39' - 40', but with clots of chlorite as well. Mineralization becomes finer grained (1 - 3 mm) and less abundant (3%) after 49'. Few garnets at 56'. After 65' rock becomes darker color due to increase in biotite content. 75' - end of section; some layers of pegmatoid rock. 150 - 151 Better mineralization again 10%, well connected; good conductor. 151 - 153 6%, possibly well enough connected to be conductive. Core angle is 70° at 53' Core angle is 60° at 65' Core angle is 85° at 100' Core angle is 85° at 131'				

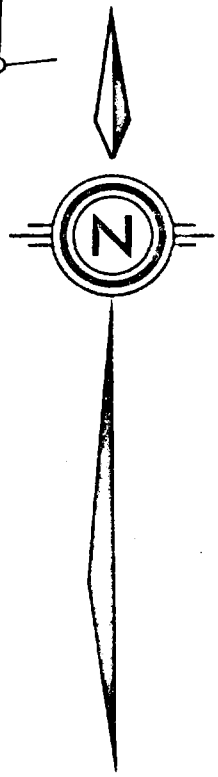
PROPERTY MANITOUWADGE

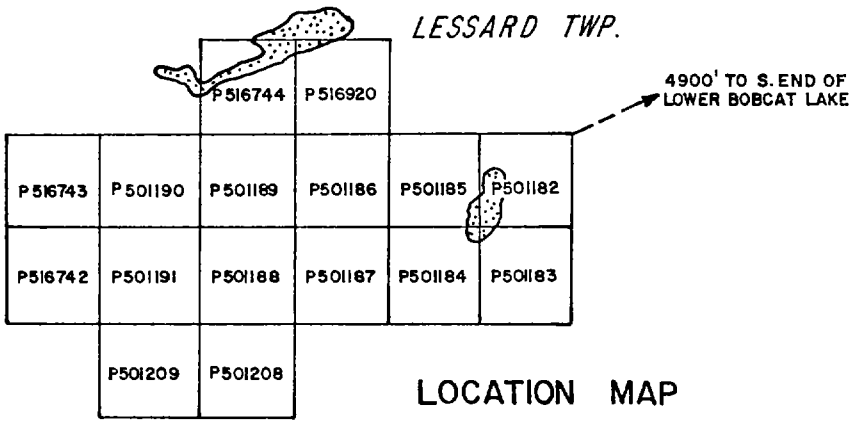
HOLE NO. M78-5

SHEET NO. 3 of 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
160	278	Quartz-Feldspar-Biotite Gneiss - mottled grey to pink color; coarse feldspar grains (2 - 3 mm) 273' - 276' Biotite Gneiss - with 7% pyrrhotite mineralization; probably conductive Core angle is 70° at 173' Core angle is 70° at 207' Core angle is 68° at 241'				
	278	End of Hole No. M78-5 Very difficult to continue and anomaly has been explained; zone has been intersected.  Logged by N. R. Newson November 2, 1978				







LOCATION MAP

Scale 1" = 2640'

BRINEX LIMITED

MANITOUWADGE PROJECT

D.D.H. LOCATION

DATE: OCT 1979	MAP NUMBER: H 78011-4	COMPILED BY: P.H.
	MAP REFERENCE: 42F	DRAWN BY: R.J.H.

200 100 0 200 400

FEET

PROJECT MANITOUWADGE

D. D. HOLE No. M78-6

LOCATION GRID AE-6, SOUTHEAST OF VISON LAKE, HORNEPAYNE

HOLE STARTED November 3, 1978

HOLE COMPLETED November 4, 1978

CORE RECOVERY 99 %

DRILLED BY N. MORISSETTE

SURVEY		
Depth	Dip	Azimuth
0'	-45°	0°

COLLAR. LAT. 21 + 00 N

DEP. 4 + 00 E

ELEV.

AZIMUTH 0°

DIP. -45°

LENGTH 436'

HOR. PROJ. 309' VERT. PROJ. 309'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
0	12	OVERBURDEN				
12	46	FELDSPAR-MIGMATITIC GNEISS - Mottled orange to white colour with black bands; contains large (1 cm) orange feldspar crystals with clots of chlorite and biotite bands. Core angle is 33° at 14'.				
46	176	BIOTITE-CHLORITE GNEISS - contains 50% biotite and chlorite (seem to be interchangeable); few cubes of pyrite (1% at contact; grain size is approximately 1 mm). 59'-60' altered zone; lost water here, occasional migmatitic layers a few cm thick, gradually becomes more mafic (biotite and chlorite). Occasional layers where feldspars are larger (especially 109'-116') with biotite squished between them. 127'-129' a few clots and lenses of chlorite, occasional layers as 12'-46'; also a few dykes of same (?) composition but grains size is approximately 2mm crosscutting gneissosity.				

PROPERTY MANITOUWADGE

HOLE NO. M78-6

SHEET NO. 2 of 3

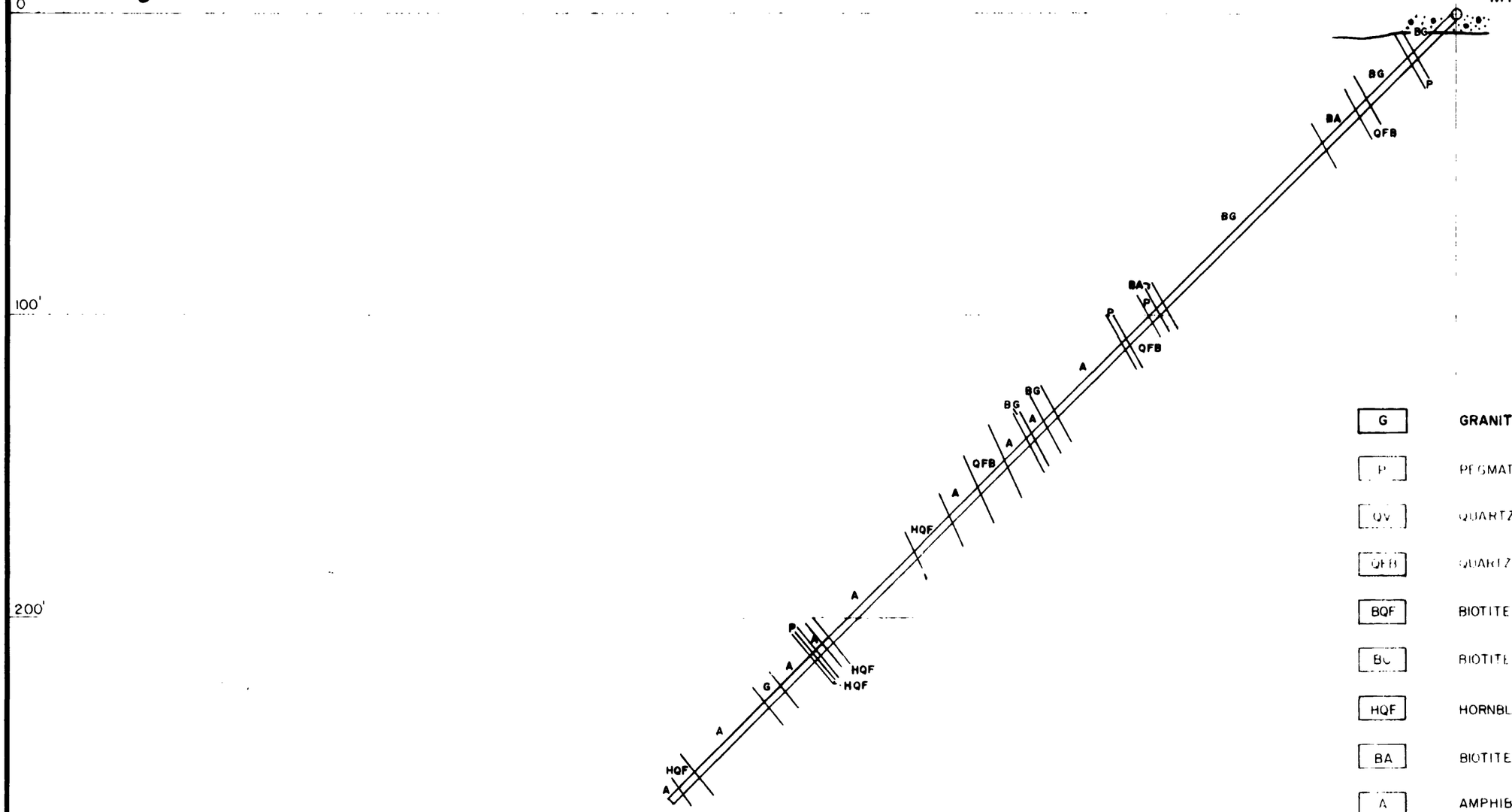
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
		Core angle is 30° at contact " " " 28° at 96' " " " 12° " 106' " " " 4° " 148' " " " 35° " 174'				
176	184	FELDSPAR-MIGMATITIC GNEISS - Same as 12'-46'; upper contact is at 60° to core angle, but may be intrusive or due to remobilization or recrystallization; lower contact is at 22° and is irregular due to recrystallization.				
184	195.5	BIOTITE-CHLORITE GNEISS - much the same as 46'-176', but much more thin layers of granitic gneiss material. Core angle is 40° at 194'				
195.5	201.5	FELDSPAR-MIGMATITIC GNEISS - Same as 12'-46'.				
201.5	264	BIOTITE-CHLORITE GNEISS - Same as 184'-195.5' Core angle is 30° at 212' " " " 25° " 214'				
264	286	GRANITIC GNEISS - quartz, feldspar and biotite granitic composition with 1% pyrite as small (< 1 mm) cubes; grain size is 2-3 mm. Upper contact is at 27° to core angle. Lower contact is gradational and is at 7° to core angle.				
286	366	BIOTITE-CHLORITE GNEISS - Same as 184'-195.5', except granitic layers are more coarse grained. Mineralization - starts at 364'; pyrite, chlorite is more prominent in mineralized section (7% to end of section). Core angle is 41° at 316'				

PROPERTY MANITOUWADGE

HOLE NO. M78-6

SHEET NO. 3 of 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING FEET
366	386	ALTERED QUARTZ-FELDSPAR MIGMATITIC GNEISS - possible altered equivalent to unit 12'-46'? Mineral grain boundaries are indistinct. 376'-386' Mineralization - better pyrite and pyrrhotite mineralization at beginning. Unit becomes more siliceous where mineralization begins - looks almost to be pure quartz in places; grain boundaries are indistinguishable; average pyrite and pyrrhotite at end of section 5%.				
386	405	QUARTZ-FELDSPAR-BIOTITE GNEISS - chloritic; light grey colour. Zone with 70% pyrite and pyrrhotite. 390'-392' as 386'-387' good conductors. 393' - several inches 81% pyrrhotite and pyrite. Siliceous bands as described 376'-386' common.				
405	420.5	BIOTITE-CHLORITE GNEISS - similar to 184'-195.5; good stringers of pyrite and pyrrhotite up to 10%; probably conductive.				
420.5	423	AMPHIBOLITE - dark green-black colour; medium grained; contains 80% hornblende and biotite and 20% plagioclase; minor stringers of pyrite and pyrrhotitie throughout.				
423	436	BIOTITE-QUARTZ-FELDSPAR GNEISS - similar to 386'-405' except biotite content is increased giving rock a darker colour; very minor pyrite and pyrrhotite.				
	436	END OF HOLE No. M78-6 Logged by N.R. Newson and P. Hum November 4, 1978				



G	GRANITIC GNEISS
P	PEGMATITE
QV	QUARTZ VEIN
QFB	QUARTZ FELDSPAR BIOTITE GNEISS
BQF	BIOTITE QUARTZ FELDSPAR GNEISS
BG	BIOTITE GNEISS
HQF	HORNBLENDE QUARTZ FELDSPAR GNEISS
BA	BIOTITE AMPHIBOLITE GNEISS
A	AMPHIBOLITE

BRINEX LIMITED

MANITOUWADGE PROJECT

GRID A.E.-5-VISON LAKE

CROSS SECTION 8+00N

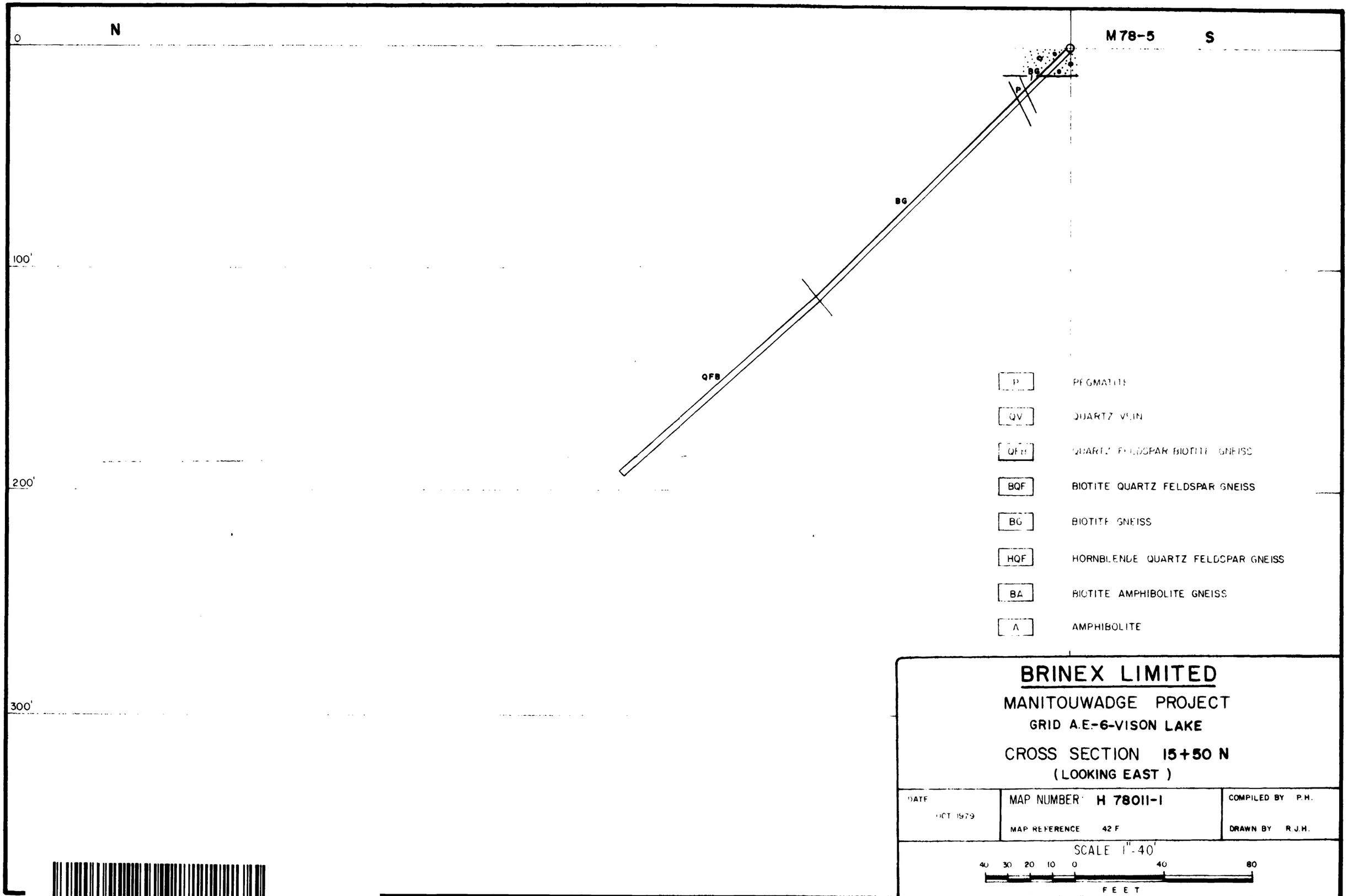
(LOOKING WEST)

DATE OCT 1979	MAP NUMBER: H 78010-1	COMPILED BY P.H
	MAP REFERENCE: 42 F	DRAWN BY R.J.H

SCALE 1"=40'

40 30 20 10 0 40 80

FEET



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MANITOUWADGE PROJECT

GRID A.E.-6-VISON LAKE

CROSS SECTION 15+50 N

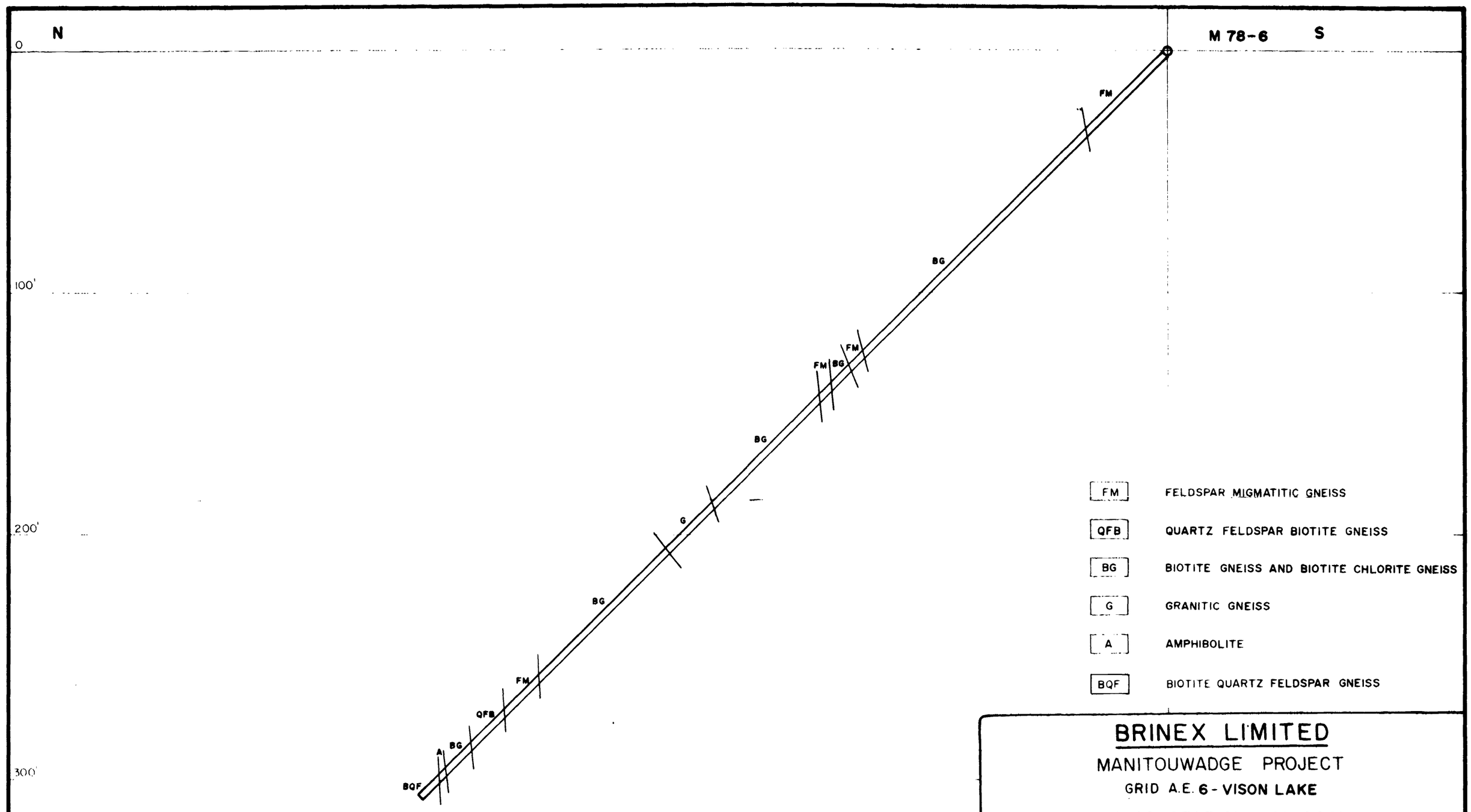
(LOOKING EAST)

DATE	MAP NUMBER: H 78011-1	COMPILED BY P.H.
OCT 1979	MAP REFERENCE 42 F	DRAWN BY R.J.H.

SCALE 1"-40'

40 30 20 10 0 40 80

FEET



FM	FELDSPAR MIGMATITIC GNEISS
QFB	QUARTZ FELDSPAR BIOTITE GNEISS
BG	BIOTITE GNEISS AND BIOTITE CHLORITE GNEISS
G	GRANITIC GNEISS
A	AMPHIBOLITE
BQF	BIOTITE QUARTZ FELDSPAR GNEISS

BRINEX LIMITED

MANITOUWADGE PROJECT

GRID A.E. 6 - VISON LAKE

CROSS SECTION 21+00N

(LOOKING EAST)

DATE OCT 1979	MAP NUMBER H 78011-2	COMPILED BY P.H
	MAP REFERENCE 42 F	DRAWN BY R.J.H

SCALE 1"=40'

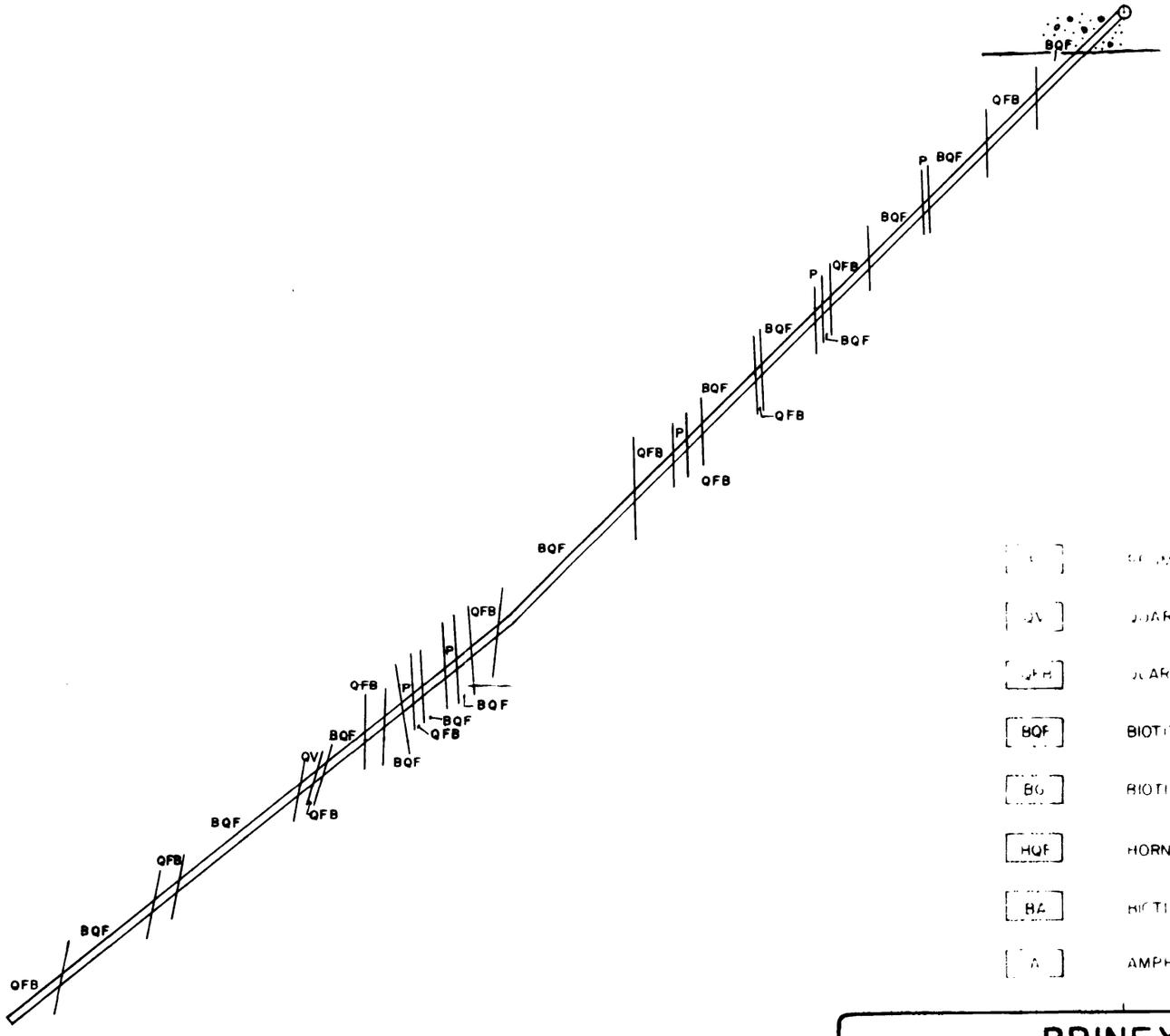
40 80

FEET

N

M 78-2

S



[Q]	QUARTZ
[QV]	QUARTZ VEIN
[QFB]	QUARTZ FELDSPAR BIOTITE GNEISS
[BQF]	BIOTITE QUARTZ FELDSPAR GNEISS
[BG]	BIOTITE GNEISS
[HQF]	HORNBLENDE QUARTZ FELDSPAR GNEISS
[BA]	BIOTITE AMPHIBOLITE GNEISS
[A]	AMPHIBOLITE

BRINEX LIMITED

MANITOUWADGE PROJECT

GRID A.E.4 - VISON LAKE

CROSS SECTION 5+00S

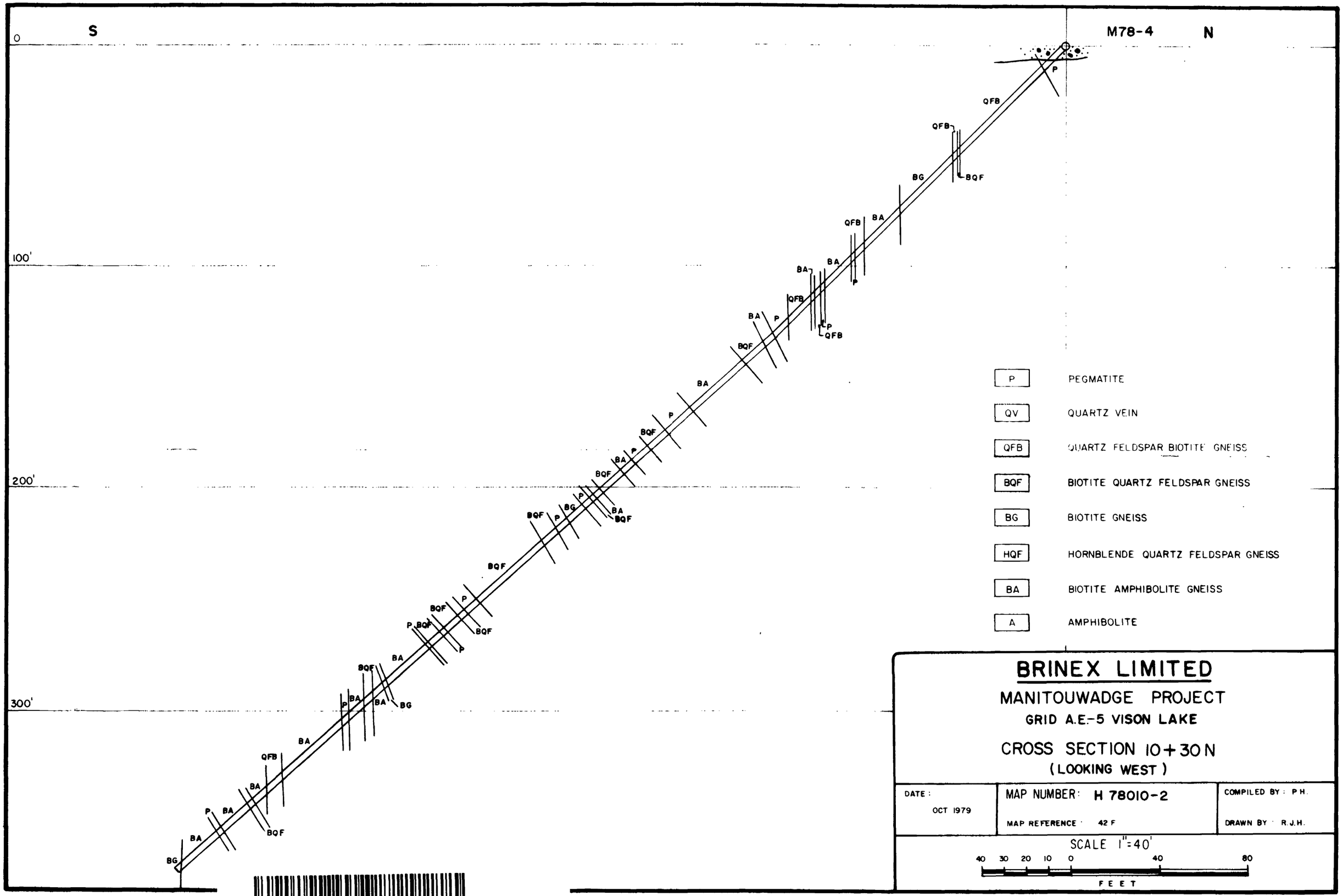
(LOOKING EAST)

DATE OCT 1979	MAP NUMBER H 78009	COMPILED BY P.H
	MAP REFERENCE 42 F	DRAWN BY R.J.H

SCALE 1"=40

40 30 20 10 0 40 80

FEET



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MANITOUWADGE PROJECT

GRID A.E.-5 VISON LAKE

CROSS SECTION 10+30 N

(LOOKING WEST)

DATE:	MAP NUMBER: H 78010-2	COMPILED BY: P.H.
OCT 1979	MAP REFERENCE: 42 F	DRAWN BY: R.J.H.

SCALE 1"=40'

40 30 20 10 0 40 80

FEET