



42H09SE0008 16 HOBLITZELL

010

DIAMOND DRILLING

TOWNSHIP: HOBLITZELL

REPORT NO.16

WORK PERFORMED FOR: Esso Resources Cda Ltd.

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

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
L 848113	87-8	101.72 m	Mar/87	(1)
L 848105	87-9	110.06 m	Mar/87	(1)
L 848409	87-10	23.90 m	Mar/87	(1)
L 848410	87-11	117.99 m	Mar/87	(1)

1DDH 353.67

NOTES: (1) #241/87, filed Jan 25/88.

ESSO MINERALS CANADA
SUMMARY DRILL LOG

Project Name: HN

Hole Number: 87-8

Project Number: 1677

Logged By: A. Verville

NTS: 32E/5

Date: March 6, 1987

Location: Grid L4E, 260N

Claim Number: 848113

Azimuth: 180°

Dip: -45°

Length (m): 101.72m

PURPOSE: To test IP anomaly on L4E at 200 to 225N



From (m)	To (m)	Description	Assays Au g/t
0	3.5	Overburden	
3.5	61.0	Mainly quartz-feldspar crystal tuff - Minor interbeds of argillite. 10-40% feldspar crystals, 1-5% blue quartz eyes in fg. aphanitic grey-black matrix. Massive to weakly foliated, tr-2% py, locally 10% py + po in fg argillite units. Very weak pervasive calcite.	.01 to .04
61.0	77.6	Argillite - Minor crystal tuff. A few quartz-calcite veinlets (2%). 5-15% py as masses, occ. near vein margins.	.01
77.6	101.72	Quartz-Feldspar crystal tuff - As per 3.5-61.0. 1% thin quartz calcite veinlets 2-3% finely diss. py.	.01
101.72		END OF HOLE	

A. Verville

ESSO RESOURCES CANADA LIMITED

ESSO MINERALS CANADA

DRILL LOG

PROJECT H-N	GROUND ELEV.
HOLE NO. HN-87-8	BEARING 180°
LOCATION L4E, 260 N	DIP 45°
	TOTAL LENGTH 101.72 m
LOGGED BY A. Verville <i>André Verville</i>	HORIZONTAL PROJECT
DATE March 6, 1987	VERTICAL PROJECT
CONTRACTOR Phil's Drilling	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
CORE SIZE B.Q.	
DATE STARTED March 5, 1987	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED March 6, 1987	
DIP TESTS EON(101.7) = Etched = 52° True = 42°	LEGEND
COMMENTS	

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN Qtz	
					A SIL	B ANK	C Cal	D Ser	E Chl			
0 - 3.5				Overburden, gravel, boulders								
3.5 - 6.3				clast supported arenite (arkose), chlorite (dark black) matrix, rounded to angular blue qtz feldspar grains (Some Kspss) upto 5mm diam. bedding 70° to C.A. Foliation // bedding.						4	1	
6.3 - 9.0				interbedded argillite + magnetite beds fine grained chl matrix bedding 70° to C.A. thin qtz Calcite veins: only in qtz veins						1	3	
9.0 - 11.1				Feldspar - Qtz XL tuff, elongated blue qtz grains (along bedding) in chlorite matrix upto 3% qtz grains, bedding 75° to C.A. local thin qtz - Calcite veins // bedding						2	2	
11.1 - 13.32				Feldspar - Qtz XL tuff in chlorite matrix 3% clasts (mainly feldspar, 3% blue qtz) from 12.2 - 12.7 15% irregular qtz veins								
13.32 - 19.82				interbedded argillite + I.F. bedding 70° thin qtz veins along bedding.						4	2	
19.82 - 22.08				Feldspar - Qtz XL tuff rounded to subrounded blue qtz + feldspar up to 3mm diameter bedding ab 70° to C.A. crusty seams along bedding						4	1	
22.08 - 29.2				interbeds of thin magnetite bands argillite, bedding about 70° becomes more chloritic gradually						4	2	
29.2 - 29.92				gradational change to Feldspar - Qtz XL tuff 15% feldspar clast, 1-2% blue qtz clast rounded to sub rounded.						4	2	
29.92 - 36.7				grad. change interbeds of Argillite - magn. beds. qtz - Calcite veins at 35.0m, 5% Py								
36.7 - 37.25				in masses and 1% pyrrhotite diss. 1% Py in qtz veins gradational change to Feldspar - Qtz XL tuff, chlorite matrix, 30-40% feldspar clasts (no Kspss) with 5% blue qtz angular to sub angular.						1	3	
										1	4	

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au g/t	Au oz/ton		
3.5-6.3 Tr - 1% Py dissem. 20% Feldspar (some Kspar) + upto 5% Qtz grains									
6.3 - 9.0 1-2% Py in blebs along bedding planes, sus. 5.4 at 7.0									
9.0-11.1 1% Py in blebs + diss. along bedding planes No Mag Sus 0 at 10									
11.1-13.32 2-3% Py in blebs + dissem. along bedding sus 0 at 12.5		12.2	13.32	1.12	2714	0.02	0.001		
13.32-14.82 10% Py blebs + stringers (hands) along bedding sus 1.2 at 14.5		13.32	14.8	1.48	2715	0.01	0.001		
19.82-22.08 Tr. Py. sus 0 at 21		19.82	21.08	1.18	2716	0.04	0.001		
		21.0	22.08	1.08	2717	0.03	0.001		
22.08-29.2 1-2% Py along bedding planes in blebs + dissem. sus 4.9 at 22.5 sus 2.7 at 24.8									
29.2-29.92 1-2% Py blebs + cubes along bedding sus: 0 at 29.5									
29.92-36.7 5% Py in masses + hands 1% Po diss. sus varies from 1.5-6.5 1-2% Po		33.0	34.5	1.5	2718	0.04	0.001		
		34.5	35.5	1.0	2719	0.02	0.001		
36.7-37.29 1-2% Py diss. sus. 0		35.5	36.7	1.2	2720	0.03	0.001		
		36.7	37.28	0.58	2721	0.02	0.001		

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A SIL	B ANK	C CAL	D SER	E CHL		
90				37.28-53.18 Interbeds of Argillite + magn. beds above, fine grained, chlorite matrix bedding at 70° to C.D. Local Qtz-calc. vein up to 3cm (20% in some beds) Py in masses along bedding planes + diss.						4	3
95				local gradational change to Feldspar-Qtz crystal tuff, 2cm thick, 5-10% rounded sodic feldspar up to 3mm diam. 1-2% Po fine diss.						4	2
60				53.18-54.55 Feldspar-Qtz XL tuff with 2-3% rounded blue Qtz grains up to 2mm diam. Irregular Qtz biotite vein 10cm thick						4	2
65				54.55-57.01 Interbeds of argillite and magnetite as above. with local biotite rich area at 56.3 1cm thin Q.C. vein // bedding							
70				57.01-61.0 Feldspar-Qtz XL tuff with 40-50% Kspar + 5% blue Qtz grains rounded to sub-rounded up to .5cm diam. local .2cm Qtz vein no Py bedding still 70° to C.D.						1	2
75				61.0-77.6 Interbeds of Argillite + magn. beds with local Qtz-calcite veins (few cm thick (py in some but mainly along edges) cross up to 15% Py in masses but overall 5-10% Py locally up to 10% Po in masses and diss. ie. 69.2						1	2
80				77.6-101.72 Feldspar-Qtz XL tuff, 5% blue Qtz grains rounded to subrounded, up to .5mm diam. slightly magnetic in some areas, local thin Q.C. veins 2-3% diss. py. + in masses along bedding						4	1
85				86.4-86.7 100 blue Qtz grains and some fine grained sodic Feldspar + more magnetic than SAS 2.0						4	1
90				Variable colour of bleaching to a light grey to greyish green						4	1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au g/t	Au oz/t		
37.28-53.18 5% Py in masses along bedding planes + diss 20% Py in 4-2 veins. IR 381 + 48.8 sus. varies from 1.2 to 8.5 area of high sus caused by 3-5% fine diss. Pyrrhotite									
53.18-54.55 1-2% Py in masses and diss. sus = 0									
54.55-57.01 8-10% Py in masses and in boxes along bedding. 1% Po finely diss. sus 4 to 46		54.55	55.8	1.25	2722	0.01	0.001		
		55.8	57.01	1.21	2723	0.01	0.001		
		57.01	58.5	1.49	2724	0.01	0.001		
57.0-61.0 1% finely diss Py sus. 0.4 to 0.8		61.0	62.5	1.5	2725	0.01	0.001		
61.0-77.6 5-10% Py in masses + diss. locally 10% Po in masses + diss. sus. from 1.2 to 8.2 Carriers were up to 10% Po finely diss. some cpy in thin Q.V. at 6.3m		68.5	70.0	1.5	2726	0.01	0.001		
		70.0	71.5	1.5	2727	0.01	0.001		
		71.5	73.0	1.5	2728	0.01	0.001		
		73.0	74.5	1.5	2729	0.01	0.001		
		74.5	76.0	1.5	2730	0.01	0.001		
77.6-101.77-3% Py diss + masses along bedding, tr. f.g. Po sus ≈ 0 to 1.6 in areas with f.g. Po		76.0	77.6	1.6	2731	0.01	0.001		
local areas up to 10% Py diss. i.e. 10.3 to 101.7m intervals		83.5	85.0	1.5	2732	0.01	0.001		

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au g/t	Au oz/t		
		94.0	95.5	1.5	2733	0.01	0.001		
		100.0	101.72	1.72	2734	0.01	0.001		

ESSO MINERALS CANADA
SUMMARY DRILL LOG

Project Name: HN

Hole Number: 87-9

Project Number: 1677

Logged By: A. Verville

NTS: 32E/5

Date: March 7, 1987

Location: Grid L8W, 25N

Claim Number: 848105

Azimuth: 180°

Dip: -45°



Length (m): 110.06

PURPOSE: To test IP anomaly at L8W, 25 to 50S

From (m)	To (m)	Description	Assays Au g/t
0	4.75	Overburden	
4.75	11.28	Argillite - Fine grained, thinly bedded 1% quartz-calcite veinlets, a few fragments (felsic), tr-1% py, no alteration.	
11.28	43.1	Mafic tuff, lapilli tuff, minor mafic volcanic derived sediment - Mafic tuff is dark green, fine grained matrix supported, tr py. Lapilli tuff has a 10% max 20cm felsic blocks, a few py/po stringers. Units weakly foliated, no alteration.	.01 to .04
43.1	110.06	Mafic volcanic - Massive, dark grey-green. Fine grained, 2% quartz-calcite veinlets up to 15cm wide, tr-1% py & po as thin bands.	.01
110.06		END OF HOLE	

A. Verville

DRILL LOG

PROJECT H-N	GROUND ELEV.
HOLE NO. HN-87-9	BEARING 180°
LOCATION L8W, 25m N	DIP 45°
	TOTAL LENGTH 110.06 metres
LOGGED BY A. Verville <i>Audie Verville</i>	HORIZONTAL PROJECT
DATE March 7 1987	VERTICAL PROJECT
CONTRACTOR Phil's Drilling	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
CORE SIZE BQ	
DATE STARTED March 6, 87 night shift	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED March 8, 1987	
DIP TESTS EOM (110 metres) = 44°	LEGEND
COMMENTS	

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ	
					SIL A	ANK B	CAL C	SER D	CHL E			
0-4.75				Overburden sand, gravel Boulders								
4.75-11.28				Sediments. angular to sub-angular fragments 1-2cm 70% to Ck., tr. Py diss with local Qtz-calcite veinlets, in fine grained bedded argillite + I.F., Chlorite, biotite, feldspar and a little quartz are the main components of the matrix. Med. grey colour. tr. 1% Py diss.						> 1	2	
11.28-31.2				Pyroclastic rock? in greenish grey matrix. Fragments rounded to subrounded varying in size from few cm to up to 20cm. Most fragments are felsic in composition (light grey) some are irregular and most are flattened. matrix composed mainly of chlorite + biotite, bedding is 60-80° to C.A., local Qtz-calcite veins up to 5cm thick tr Py + Po						> 1	1	
31.2-39.45				darker green grey colour with tremolite? porphyroblasts up to few mm long radiating in some places and up to 20% of composition ie 30.62-32.9						> 1	3	
39.45-43.1				Qtz-calcite irregular wispy veins containing up to 5-10% Py + Po. and locally 5cm Qtz-calcite vein ie 34.2 matrix consist mainly of chlorite + biotite foliation is similar as above						> 1	3	
43.1-48.1				tuffaceous siltstone? with up to 10% Qtz-calcite irregular						> 1	6	

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au g/t	Au oz/t		
4.75-11.28 tr. 1% Py dissem. in some area in elongate masses.									
11.28-31.2 tr. Py but locally Py+Po stringers following bedding plane i.e. 12.02 + 20.58.									
31.2-39.45 up to 5-10% Py+Po in str-calcite irregular wispy veinlets but overall 2-3% Py+Po									
		37.15	38.72	1.57	2758	0.02	0.001		
		38.72	39.45	0.73	2759	0.01	0.001		
		39.45	40.77	1.32	2760	0.04	0.001		
		40.77	41.77	1.00	2761	0.03	0.001		
39.45-43.1 locally 5-10% Py+Po in str-calcite wispy veinlets up to 3-5% Py+Po overall.		41.77	43.1	1.33	2762	0.01	0.001		

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					SiC A	ANK B	CAL C	SER D	CHL E		
50				veinlets, more of a greyish black matrix composed mainly of chlorite + biotite, locally greenish grey wedges up to 10cm biotite rich with 5-10% Py + Po. Highly magnetic						>1	3
55				43.1-110.06 Mafic volcanic, massive green grey colour. Fine grained with feldspar (sodic) grained, tremolite porphyry blast up to 10cm in some area and radiating up to 15cm Qtz-calcite veins. Locally, foliation is still approx. 70° to C.A.						>1	3
60				+ 1% Py + Po finely disseminated. Highly magnetic, local cpy grains in Qtz-calcite veins. S.C. veins // foliation, up to 3-5% Q.C. veins, local Po masses along bedding up to 5% especially around Qtz-calcite wispy veinlets.						>1	3
65										>1	3
70				71.6-75.4 Darker green to black matrix with less developed tremolite porphyry blasts, with local Qtz-calcite veins up to 5cm thick. 2-3% Po in places of green chlorite (e.g. 72.77 + 72.51)						>1	3
75										>1	3
80				89.3-92.2: Sedimentary sequence of thinly bedded siltstone with silty carb veinlets // to foliation with 1-2% Py along foliation and locally up to 5% Py with 1% Po finely diss. locally local 10cm Q.C. veins						>1	2
85										>1	3
90										>1	3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	Width (ft)		Au g/t	Au oz/t		
43.1-89.3 fr-1% Pt + Po diss. but upto 3-5% Po in around wispy stz-calcite veinlets and in around green chlorite patches ie. 72.89 + 72.51									
89.3-92.2 1-2% Py in blebs and diss. with 1% Po finely diss		89.3	90.59	1.25	2763	0.01	0.001		

ESSO MINERALS CANADA
SUMMARY DRILL LOG

Project Name: HN

Hole Number: 87-10

Project Number: 1677

Logged By: A. Verville

NTS: 32E/5

Date: March 1987

Location: Grid 12+00w; 1+75N

Claim Number: 848409

Azimuth: 180°

Dip: 45°


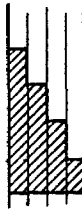
Length (m): 23.90

PURPOSE: To test IP anomaly on line 1200W between 100 and 125N

From (m)	To (m)	Description	Assays
0	7.83	Overburden	
7.83	23.90	Mafic volcanic flow - amphibolite, locally chloritic moderately foliated; average 1% py with minor po.	
23.90		END OF HOLE (broken bit)	

A. Verville

IMPERIAL OIL LIMITED
MINERALS SECTION
DRILL LOG

PROJECT <i>H-N</i>	GROUND ELEV.
HOLE NO. <i>HN-87-10</i>	BEARING <i>180°</i>
LOCATION <i>L12W, 175N</i>	DIP <i>45°</i>
	TOTAL LENGTH <i>23.90m</i>
LOGGED BY <i>A. Verville Andre Verville</i>	HORIZONTAL PROJECT
DATE <i>March 11, 1987</i>	VERTICAL PROJECT
CONTRACTOR <i>Phil's drilling</i>	ALTERATION SCALE  absent slight moderate intense
CORE SIZE <i>B.Ø.</i>	TOTAL SULPHIDE SCALE  traces only < 1% 1% - 3% 3% - 10% > 10%
DATE STARTED <i>March 9 night shift</i>	
DATE COMPLETED <i>March 10 day shift</i>	
DIP TESTS <i>None</i>	
COMMENTS	LEGEND

ESSO MINERALS CANADA

SUMMARY DRILL LOG

Project Name: HN

Hole Number: 87-11

Project Number: 1677

Logged By: A. Verville

NTS: 32E/5

Date: March 1987

Location: Grid 12+00W; 0+155

Claim Number: 848410

Azimuth: 180°

Dip: -45°


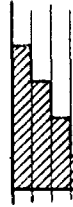
Length (m): 117.99

PURPOSE: To test IP anomaly on line 1200W at 758

From (m)	To (m)	Description	Assays Au g/t
0	10.5	Overburden	
10.5	41.1	Mafic volcanic - weak to moderately foliated chloritic with amphibole and garnet porphyroblasts; unaltered; trace to 1% pyrite.	.02
41.1	42.85	Graphitic argillite - 15 to 20% pyrite associated with quartz veining.	.02
42.85	46.45	Felsic volcanic pyroclastic - 20 to 40% pyrite as disseminations and massive bands in siliceous sericitic and possibly weakly carbonate altered felsic volcanic; moderate quartz veining.	.01 to .03
46.45	96.1	Mafic volcanic - Fine to medium grained with coarser amphibole and garnet porphyroblasts; 2 to 5% quartz veining; minor to 1% finely disseminated pyrite.	.01
96.1	117.99	Siltstone - Thin bedded; local quartz-calcite veining; trace amounts of pyrite.	
117.99		END OF HOLE	

André Verville

IMPERIAL OIL LIMITED
MINERALS SECTION
DRILL LOG

PROJECT <i>H-N</i>	GROUND ELEV.
HOLE NO. <i>11W-87-11</i>	BEARING <i>180°</i>
LOCATION <i>L 12W, 0+15 S</i>	DIP <i>-45°</i>
	TOTAL LENGTH <i>117.99 m</i>
LOGGED BY <i>A. Verville Andre' Verville</i>	HORIZONTAL PROJECT
DATE <i>March 12</i>	VERTICAL PROJECT
CONTRACTOR <i>Phil's Drilling</i>	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
CORE SIZE <i>BQ</i>	
DATE STARTED <i>March 10th, 1987 Night Shift</i>	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED <i>March 12th, 87 Day Shift</i>	
DIP TESTS <i>EOH (117.99m) = -37°</i>	
COMMENTS	LEGEND

PAGE 1 OF 6		PROJECT: H-N		HOLE NO. 11-87-11							
DEPTH (FEET)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION						
					SiL A	ANK B	CAL C	SER D	CHL E	FRACT INTENSITY	% vein Qtz
0-5				0-10.5 Overburden - sand, gravel, boulders							
5-10				10.5-37.1 Medium to fine grained mafic volcanic with local amphibole porphyroblasts measuring up to 5mm long, matrix is composed of chlorite + fine grained feldspar with carbonate (calcite) locally calcite has been all washed out i.e. 23.8-24.7 and 26.7-27.3							
10-15				locally highly silicified zone that destroyed all the porphyroblastic texture i.e. 23.17-23.27							
15-20				porphyritic garnet porphyroblasts with irregular angular development, about 5% of ore i.e. 22.96-23.17 in highly silicified zone.							
20-25				Qtz-calcite veins upto 5cm thick locally // foliation foliation is about 70° to CA. tr. Py, no Po, non-magnetic.							
25-30				generally the whole sequence is slightly silicified.							
30-35				37.1-41.1 more altered mafic volcanic, which looks laminated (or thin beds) and has a darker colour. scattered amphibole porphyroblasts, matrix is chlorite with Qtz-carbonate (calcite), locally hematite alteration (orange colour) i.e. 41.3-41.7							
35-40				From 41.7-42.1 mod. silicified zone with 3-5% Py diss but overall 4-1% Py diss							
40-45				41.1-42.35 graphitic MnO ₂ thin bedded with 15-20% Py in venalets and in Qtz blebs, mostly massive, foliation still 65-70° to CA. locally highly silicified - ore. 42.43 & 42.47							23

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au g/t	Au oz/t		
10.5-37.1 Tr Py, no Fe, non-magnetic									
37.1-41.1 tr-1% Py diss, 3-5% Py from 41.2-42.1m in silicified zone									
41.1-42.85 15-20% Py massive in veinlets		39.6	41.1	1.5	2765	.02	.001		
		41.1	42.85	1.75	2766	.02	.001		
		42.85	43.5	0.65	2767	.03	.001		
		43.5	44.52	1.02	2768	.01	.001		
		44.52	46.45	1.93	2769	.01	.001		

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au g/t	Au oz/t		
27.5-43.2 30-40% Py, massive, in situ veinlet & dissemin. in mag.									
43.5-46.45 20-25% Py, massive, dissemin. and in siliceous in mag.		49.4	50.91	1.51	2770	.01	.001		
46.45-55.55 1-2% Py, finely dissemin. locally 5% Py along foliation is. 50.3-50.45									
55.55-56.7 Tr. Py diss.									
56.7-96.1 Tr. Py diss.									

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
95				96.1-117.99 thinly bedded siltstone with biotite with local thin Qtz-calcite veins // foliation locally smoky Qtz vein 13cm thick 107.2 to 107.32						1	1
100				tr. py. finely diss. no po slightly silicified 103.34-105.79 calcite rich area with coarser biotite + chloritic matrix, possibly a redeposited felsic tu ff? slightly silicified						1	4
105				116.1-117.71 possibly also a redeposited felsic tu ff? still calcitic in a chlorite matrix. slightly silicified						1	2
110										1	2
115										1	1
120				117.99 B.O.H						1	2



Report of Work

Assess. Lib.

241



42H09SE0008 16 HOBLITZELL

900

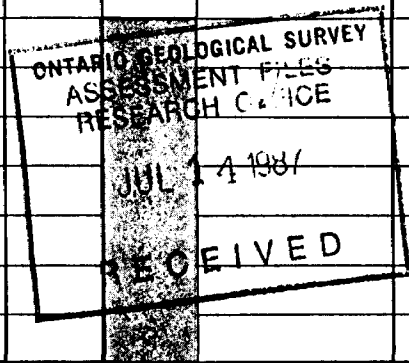
W8708.00241

Minir

Name and Postal Address of Recorded Holder Esso Resources of Canada Limited	Prospector's Licence No. T-872
c/o Esso Minerals Canada, 120 Adelaide St. West, Suite 1812 Toronto, Ontario	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 1167-1152	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only)									
<input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey									
		See attached list							



All the work was performed on Mining Claim(s): L 848105, 848113, 848409, 848410

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

Drill Rigs: Long year 38, Long year 34, Skid mounted
 Operator: Phil's Diamond Drilling, B.C.

Work done between March 6, 1987 and March 24, 1987 inclusive
 DH HN87-8,9,10,11

Date of Report: May 28, 1987
 Reported by Holder or Agent (Signature): J.A. MacPherson

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying Joseph A. MacPherson, Esso Minerals Canada P.O. Box 290 Timmins, Ontario P4N 7N6	Date Certified May 28, 1987	Certified by (Signature) J.A. MacPherson
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Table of Information/Attachments Required by the Mining Recorder

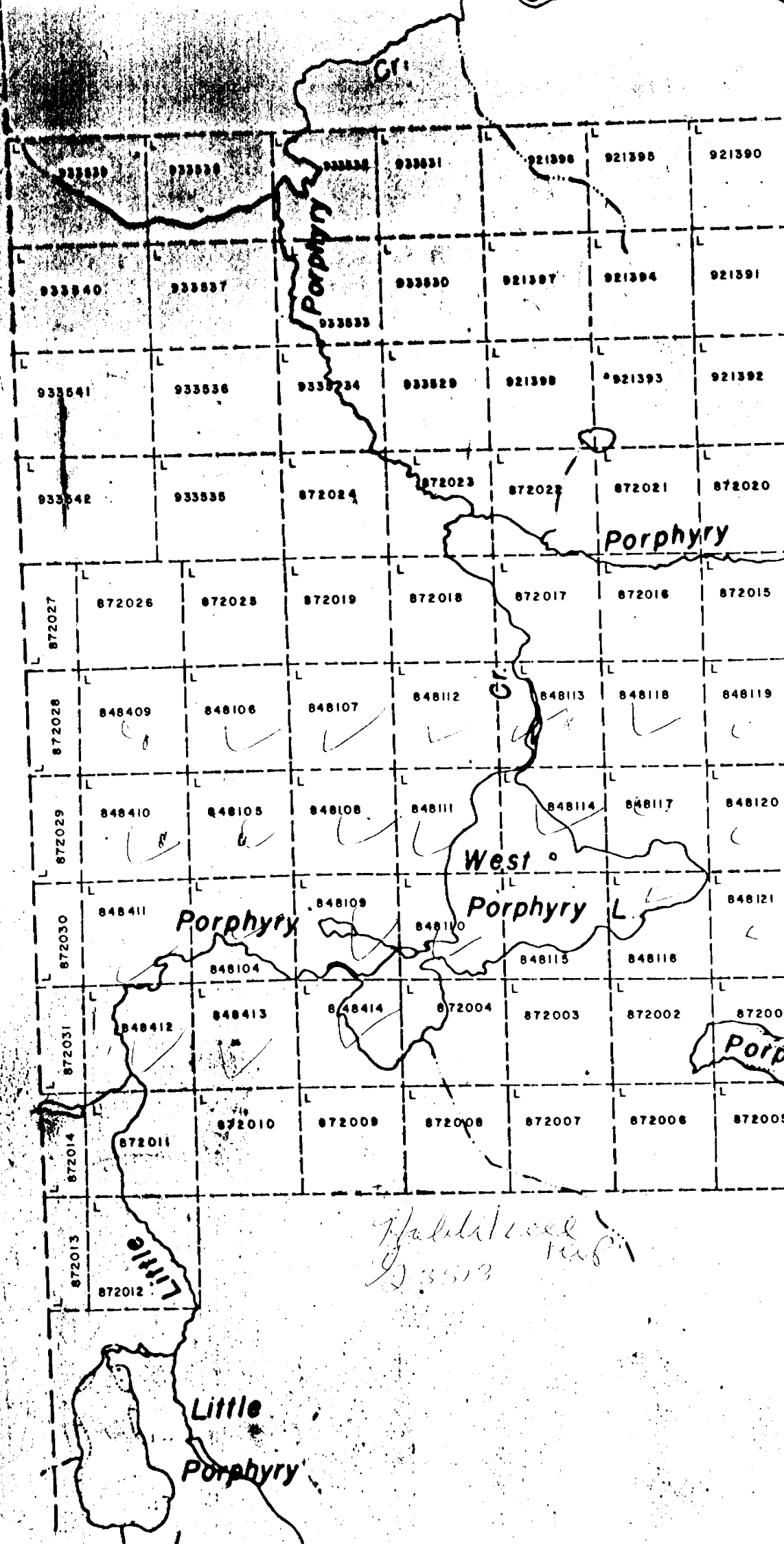
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of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

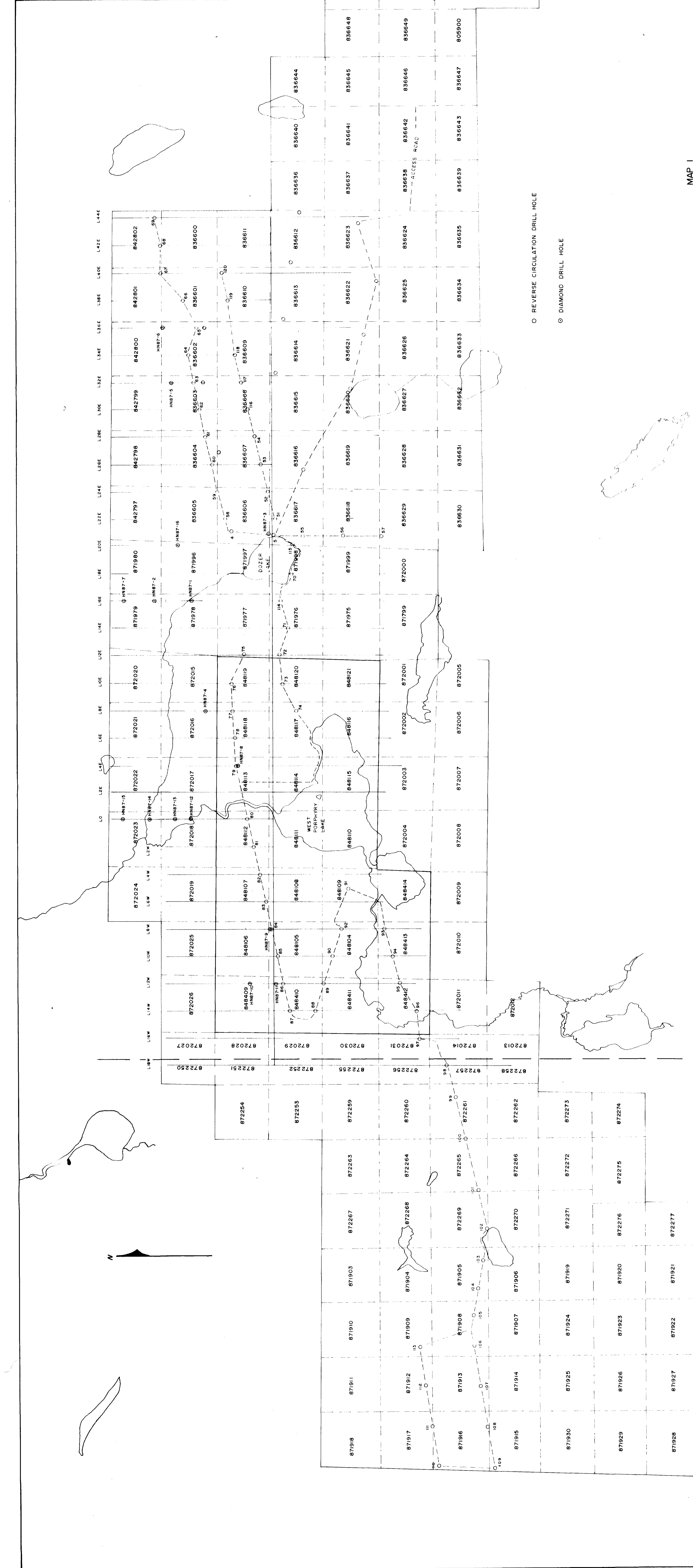
BREAKDOWN OF ASSESSMENT CREDITS, BEAVERHEAD OPTION

CLAIM	DAYS
L-848104	48
L-848105	48
L-848106	48
L-848107	48
L-848108	48
L-848109	48
L-848110	48
L-848111	48
L-848112	48
L-848113	48
L-848114	48
L-848115	48
L-848116	48
L-848117	48
L-848118	48
L-848119	48
L-848120	48
L-848121	48
L-848409	48
L-848410	48
L-848411	48
L-848412	48
L-848413	48
L-848414	48
TOTAL:	24

GRAND TOTAL OF CLAIMS: 272

BLAKELO





○ REVERSE CIRCULATION DRILL HOLE

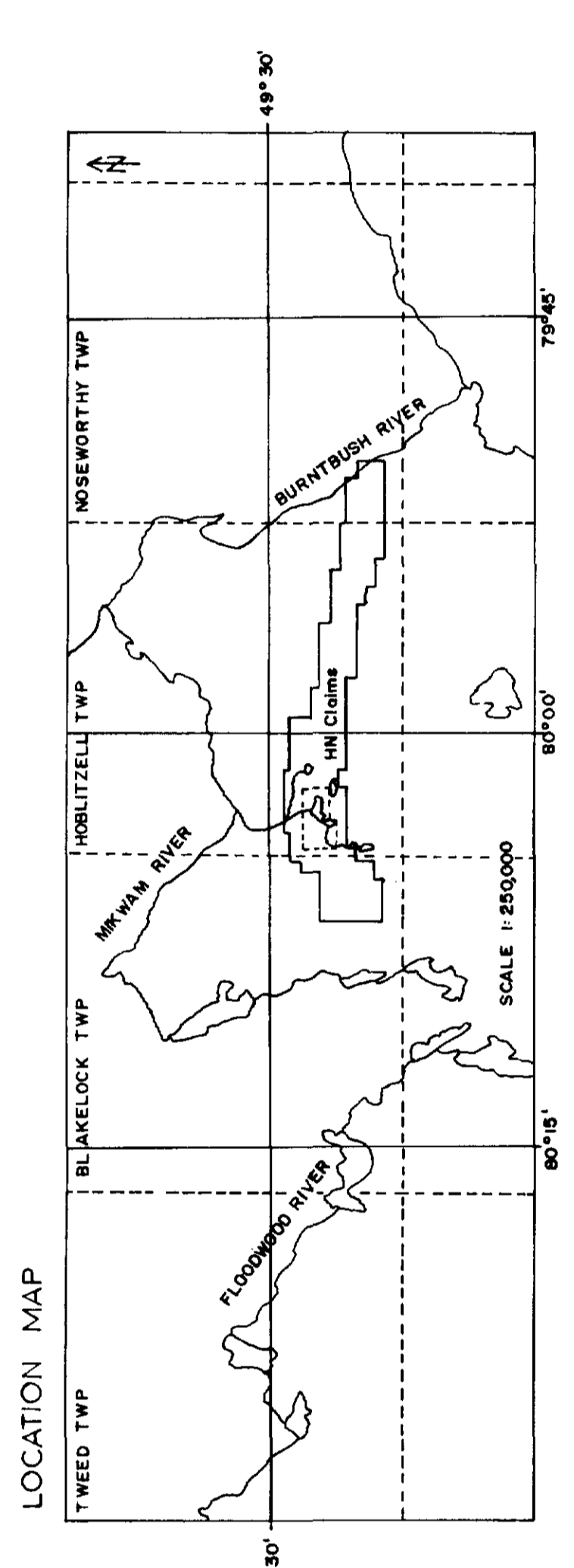
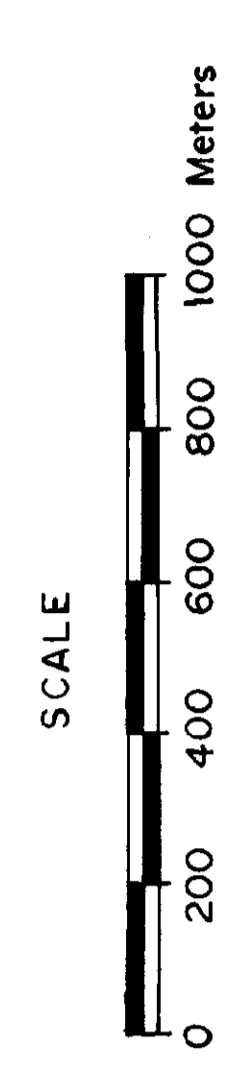
⊙ DIAMOND DRILL HOLE

MAP 1

ESSO MINERALS CANADA

HN WEST
CLAIMS AND DRILL HOLE LOCATIONS
1986-87 DIAMOND DRILLING AND
REVERSE CIRCULATION DRILLING

MHL, JMP
1:10,000
42H/8 32E/5
APRIL '87



LEGEND

- 4 Sediments
 - a Iron Formation (cherty, pyritic)
 - b Argillite
 - c Siltstone
 - d Arenite
 - e Greywacke
 - f Conglomerate

- 3 Volcanic-Derived Sediments
 - a Mafic
 - b Felsic

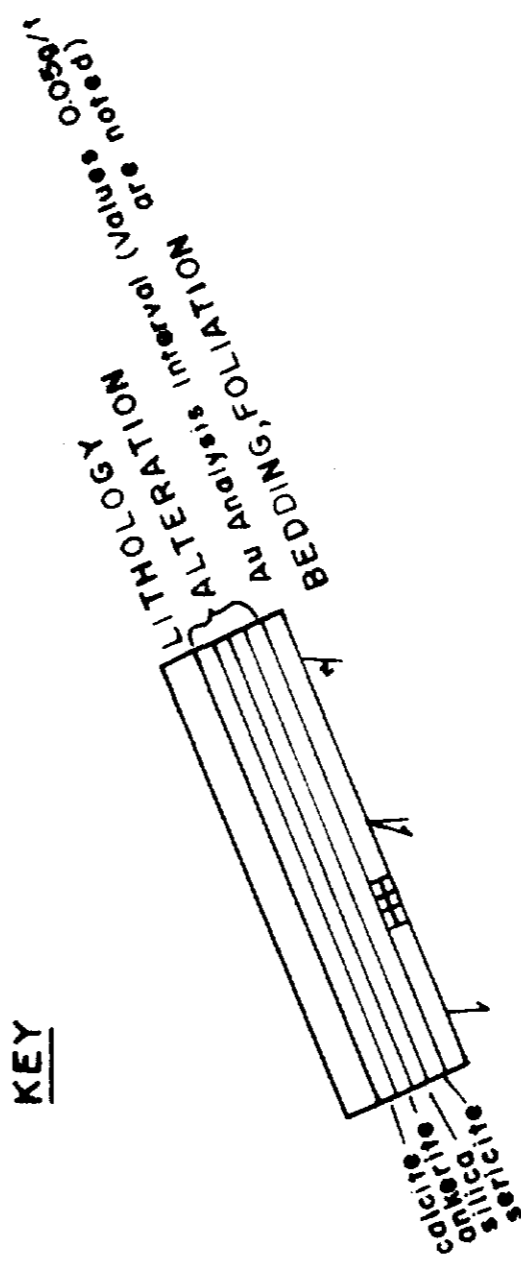
- 2 Felsic Volcanics-Rhyolite to Dacite
 - a Massive, Aphanitic (ash tuff)
 - b Feldspar-crystal tuff
 - c Feldspar-Quartz crystal tuff
 - d Lapilli tuff / Pyroclastic breccia
 - e Flow (extrusive/intrusive)

- 1 Mafic Volcanics
 - a Tuff
 - b Massive, fine grained
 - c Coarse grained amphibole

SYMBOLS

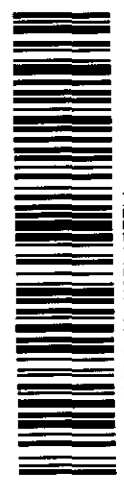
- Bedding, tops indicated
- Foliation
- QV Quartz vein
- QCV Quartz calcite vein
- py Pyrite
- po Pyrrhotite
- cpy Chalcopyrite
- mag Magnetite

KEY



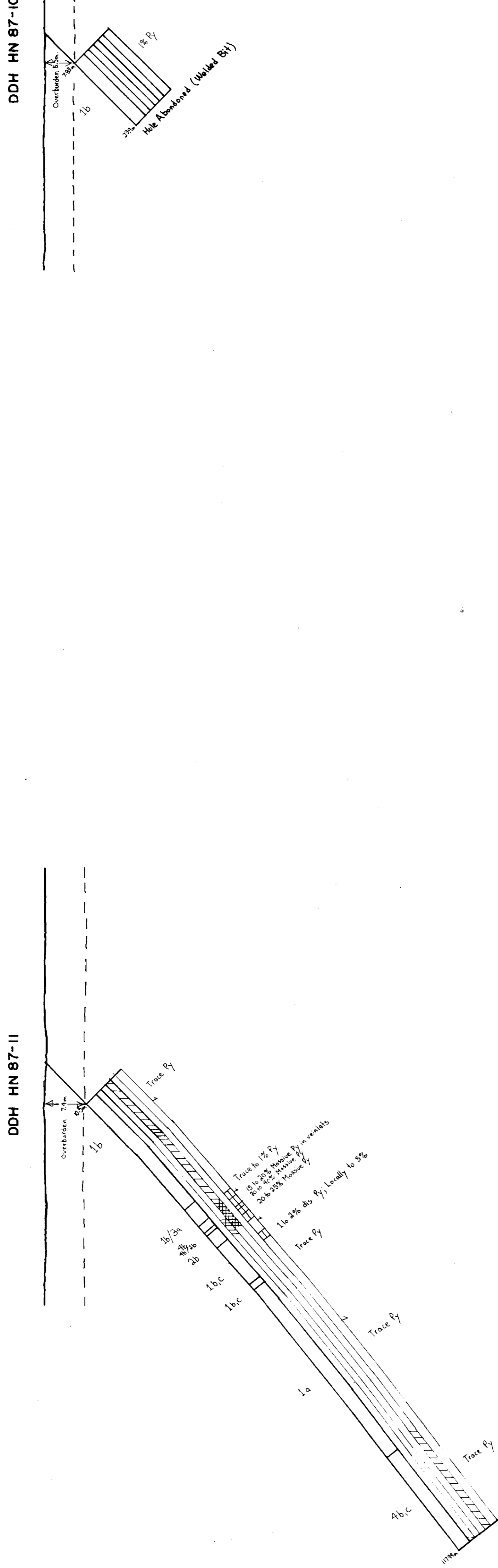
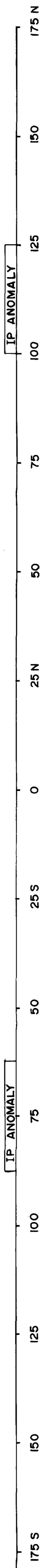
ALTERATION

- Trace to absent
- Weak
- Moderate
- Strong
- Intense



42855888 16 NOV 1977

LINE 12+00 West



SECTION 1

ESSO MINERALS CANADA
DIV. OF ESSO RESOURCES CANADA LIMITED

PROSPECT: **HN**

SECTION **1200 W**
Looking West

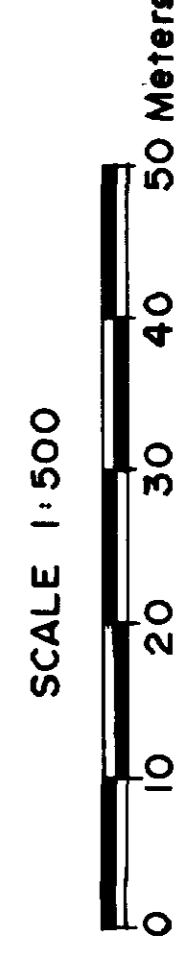
Drill Holes **87-10 and 11**

ACCOUNT NO. FILE NO. TORONTO
DRAWN BY: **MHL** DATE: **APR 1987/32E/5**

DWG. NO. MAP NO.

SCALE
1:500

To Accompany A Report by *Matthew Roberts*



LEGEND

- 4 Sediments
 - a Iron Formation (cherty, pyritic)
 - b Argillite
 - c Siltstone
 - d Arenite
 - e Greywacke
 - f Conglomerate

- 3 Volcanic-Derived Sediments
 - a Mafic
 - b Felsic

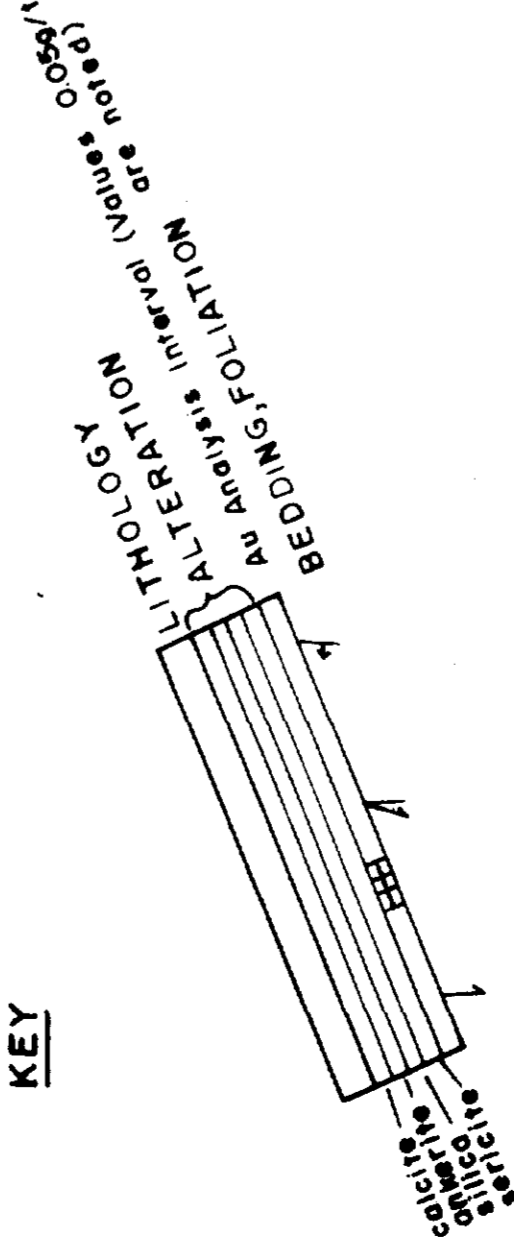
- 2 Felsic Volcanics- Rhyolite to Dacite
 - a Massive, Aphanitic (ash tuff)
 - b Feldspar-crystal tuff
 - c Feldspar-quartz crystal tuff
 - d Lapilli tuff/Pyroclastic breccia
 - e Flow (extrusive/intrusive)

- 1 Mafic Volcanics
 - a Tuff
 - b Massive, fine grained
 - c Coarse grained amphibole

SYMBOLS

- Bedding, tops indicated
- Foliation
- QV Quartz vein
- QCV Quartz calcite vein
- py Pyrite
- po Pyrrhotite
- cpy Chalcopyrite
- mag Magnetite

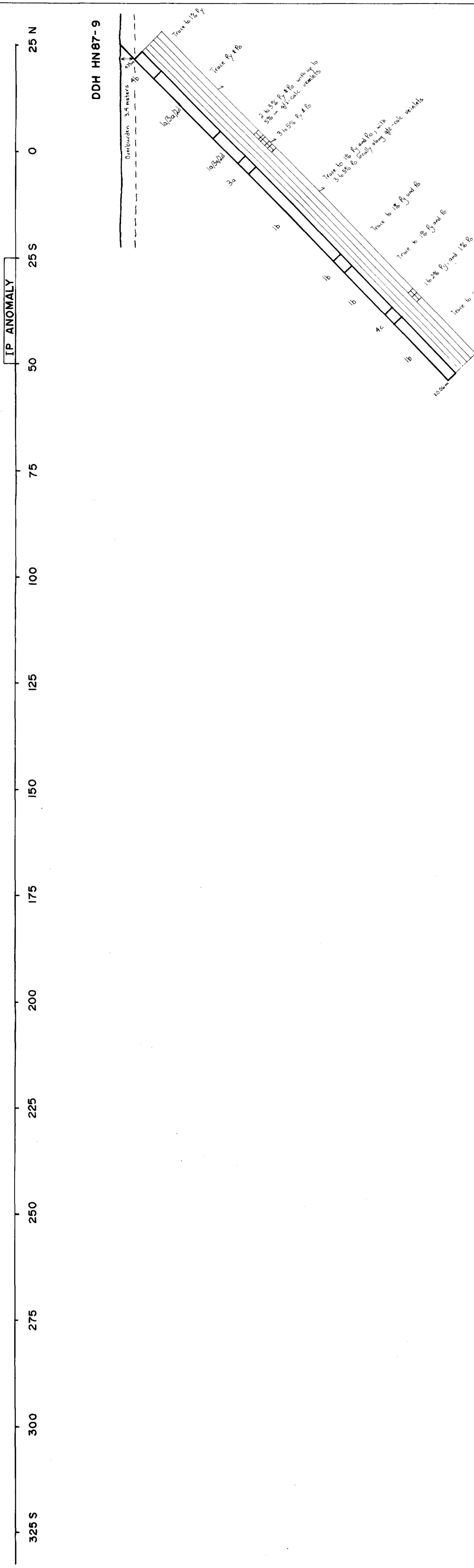
KEY



ALTERATION

- Trace to absent
- Weak
- Moderate
- Strong
- Intense

LINE 8+00 West



SECTION 2.

ESSO MINERALS CANADA
 DIV. OF ESSO RESOURCES CANADA LIMITED

PROSPECT: HN
 SECTION 800 W
 Looking West

Drill Hole 87-9

ACCOUNT NO. FILE NO. TORONTO
 DATE INTS
 DRAWN BY: MHL APR 1987 32E/5
 MAP NO.
 DWG. NO.
 SCALE
 1:500

APPROVED BY: M. J. ...



LEGEND

- 4 Sediments
- a Iron Formation (cherty, pyritic)
- b Argillite
- c Siltstone
- d Arenite
- e Greywacke
- f Conglomerate

- 3 Volcanic-Derived Sediments
- a Mafic
- b Felsic

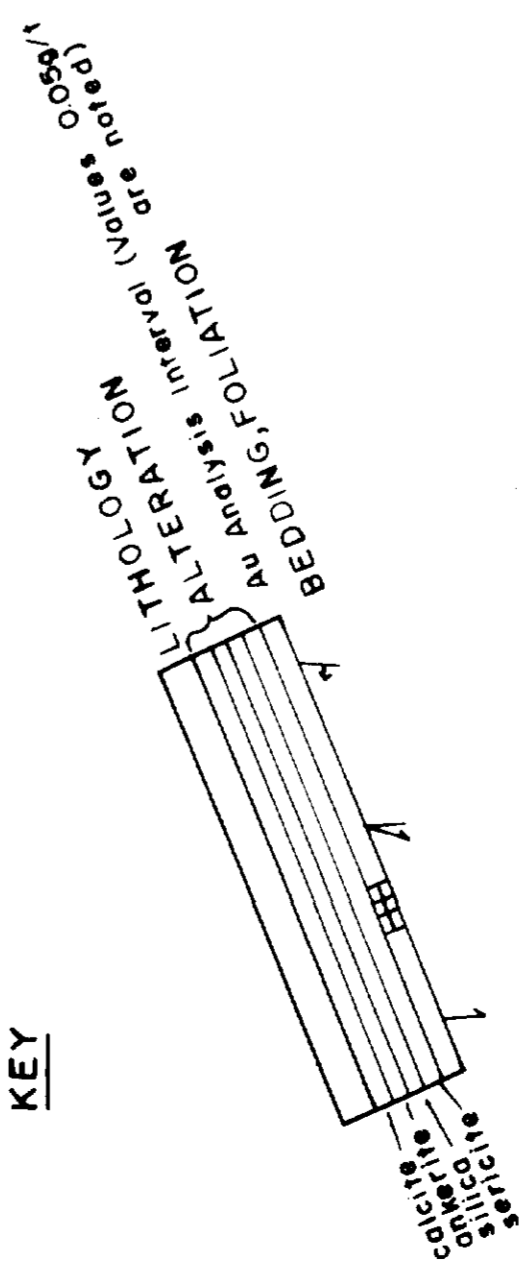
- 2 Felsic Volcanics- Rhyolite to Dacite
- a Massive, Aphanitic (ash tuff)
- b Feldspar-crystal tuff
- c Feldspar-Quartz crystal tuff
- d Lapilli tuff / Pyroclastic breccia
- e Flow (extrusive/intrusive)

- 1 Mafic Volcanics
- a Tuff
- b Massive, fine grained
- c Coarse grained amphibole

SYMBOLS

- Bedding, tops indicated
- Foliation
- QV Quartz vein
- OCV Quartz calcite vein
- py Pyrite
- po Pyrrhotite
- cpy Chalcopyrite
- mag Magnetite

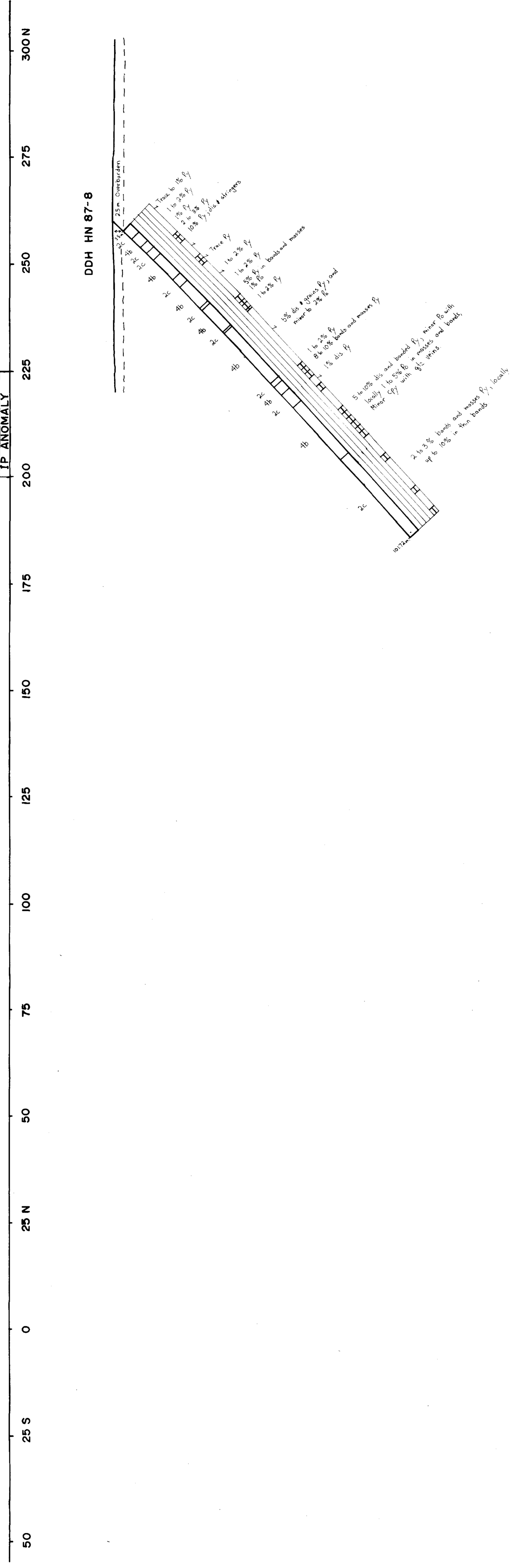
KEY



ALTERATION

- Trace to absent
- Weak
- Moderate
- Strong
- Intense

LINE 4+00 East



SECTION 5.

ESSO MINERALS CANADA
 A DIV. OF ESSO RESOURCES CANADA LIMITED

PROSPECT: HN
 SECTION 400 E
 Looking West
 Drill Hole 87-8

ACCOUNT NO: MHL
 DATE: APR. 1987
 FILE NO: 32E/5
 MAP NO:

TORONTO
 SCALE: 1:500

Drawn by: MHL
 Date: APR. 1987
 File No: 32E/5
 Map No:

Scale: 1:500

Prepared by: Martin Sanders

