REPORT ON DIAMOND DRILLING
(FALL 1986 PROGRAM)
WINTEROAD RESOURCES PROPERTY
GARRISON TOWNSHIP, ONTARIO

BY

A.C.A. HOWE INTERNATIONAL LTD.

FOR

WINTEROAD RESOURCES LIMITED

Report 525
November 21, 1986

D.J. Gillis
Toronto, Ontario

32D05NW0144 63.5210 GARRISON

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SUMMARY

Winteroad Resources has recently completed a diamond drilling program on their Garrison Township property, located 25 miles east of Matheson, Ontario.

The program totalled 2,518 feet in 12 holes, and based on qualitative and quantitative evidence accumulated, including:...

- the identification of a well mineralized shear controlled quartz carbonate breccia zone with a minimum effective srike length of 460'.

- drill intersections up to 20.5' grading .392 (.251, cut) ounces per ton gold in Hole HV-2A.

  A complete tabulation of significant intersections follows:

Hole	Grade, oz/T Au uncut	Grade, oz/T Au cut	Length
HV-1	.387	.311	11.5
HV-2	,131	.131	10.0
HV-2A	.392	.251	20.5
HV-8	.038	.038	2.0
HV-9	.532	.50	4.0
HV-11	.750	.367	6.0
HV-12	.103	.103	10.0

- verticle depths of intersections up to 130'.

- the probability that this zone is a westerly structural continuance of one of the four well mineralized zones documented to occur on the adjacent Buffonta Mine property and possibly persists across the entire east-west dimension of the claim group, a distance of approximately 4,000'.

- the geologically inferred probability indicating structural continuity of other well mineralized zones from the Buffonta on to the Winteroad proeprty.

...it is of our opinion that further successful development of the property can be achieved with an aggressive technical program supported by a substantial funding commitment.

Such investment should initially focus on:

- a detailed surface program consisting of linecutting and geophysics.
- a detailed drilling program on the known mineralized zone to more accurately define its geometry and expand on its lateral and down dip dimensions.
- a provision for diamond drilling on other areas of the property to confirm and evaluate other potentially existent zones.

The risk/reward criteria as established by the current results adequately justifies the expected 1.65 million dollar cost of this program.

Details are herein presented.

1.0 INTRODUCTION

The property of Winteroad Resources consists of a group of 8 unpatented mining claims located in the southwest quadrant of Garrison Township, approximately 25 miles east of Matheson, Ontario.

Geologically the property is located 2 miles south of the Destor Porcupine Fault, and occurs in a volcanic sequence of andesites and basalts. Gold mineralization in the area as it is presently understood is structurally controlled as evidenced by four well mineralized shears documented to occur on the adjacent Buffonta Mine property.

Geological inference indicates that one or more of these zones may extend onto the Winteroad property, and the recently completed program was designed to evaluate this possibility.

One rather profound peculiarity regarding the property is the absence of any public record documenting the extent, if any, of previous surface work. i.e. magnetics, electromagnetics, etc.

The present program was based totally on the favourable results yielded during the 1983 program when 3 holes were drilled. These holes, along with those of the present program, were recommended and spotted by William Hammerstrom of Haileybury on the basis of a possible westward extension of the mineralization known to occur on the Buffonta Mine property.

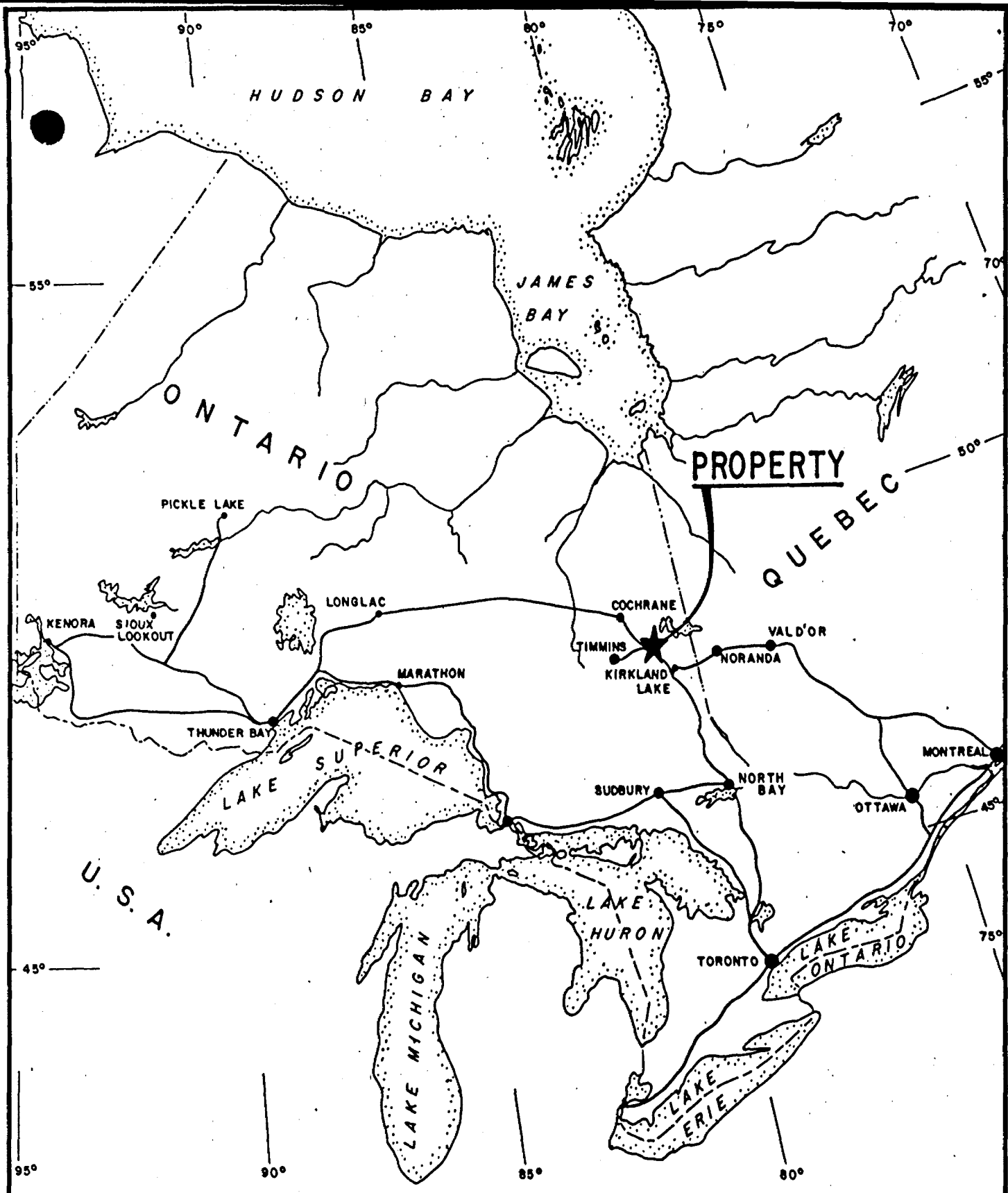
Finally, it should be noted that the area is very active in terms of exploration, with such companies as Cominco, American Barrick, Canamax, Silverside - Kerr Addison, JonPol Explorations, Noranda, and Falconbridge controlled Garrison Creek Consolidated Mines Ltd. each having established a presence in the area.

2.0 LOCATION AND ACCESS

The property is located approximately 23 miles east of Matheson in the southwest quadrant of Garrison Township, District of Cochrane, Larder Lake Mining Division, northeastern Ontario.

Specifically, the property is reached by travelling approximately 25 miles eastward from Matheson along Highway 101 to a point near Twin Lakes. Here access is gained by travelling south-southwest along a network of gravel roads for approximately 4 miles.

The town of Matheson has a well developed infrastructure, with Highways 101 and 11 and the Ontario Northland Railway providing access to the area. In addition, an airport in Timmins, approximately 61 miles west of the property is serviced by daily flights to and from Toronto.



SCALE

100 0 100 200 300 400

KILOMETRES

WINTEROAD RESOURCES

LOCATION MAP

3.0 PROPERTY DESCRIPTION

The property consists of approximately 325 acres in 8 contiguous mining claims situated in Garrison Township, and numbered L522593 - L522600 inclusive.

4.0 GEOLOGY

4.1 Regional Geology

Regionally the property occurs in Keewatin age (Archean), basic to intermediate volcanics with minor sedimentary interbeds which form part of a broad belt - the Abitibi greenstone belt- stretching across northeastern Ontario and northwestern Quebec. These rocks are stratigraphically overlain by younger, Timiskaming age (early to middle Precambrian), sedimentary rocks comprising greywacke, quartzite, argillite, slate conglomerate and iron formation. Intruding both the Keewatin and Timiskaming age rocks are Algoman age granitic rocks - granite, syenite, feldspar porphyry, quartz-feldspar porphyry, felsite and lamprophyre. All of these rock types are post-dated by Keweenawan age (late Precambrian), intrusions of diabase as dikes and sills.

The Keewatin and Timiskaming age rocks have been extensively metamorphosed, deformed - i.e. folded, faulted and compositionally altered (Geological Map Sheet No. 1949-1, pocket at rear).

4.2 Detailed Geology

The claim block is extensively overburden covered with only 3 small outcrops reported in the extreme southeastern corner of the property. These are identified as diabase and spherulitic lavas on Geological Map Sheet No. 1949-1.

5.0 GEOLOGY OF THE BUFFONTA MINES PROPERTY

The following comments with regard to the general geology, structural geology and gold occurrences of the Buffonta Mines property located to the east are of significance as they provide information relevant to ore controls expected to occur on the Winteroad property. Reference to map 1949-1 in pocket at rear is suggested.

5.1 General Geology *

The granite-lava contact crosses through the northeastern part of the block of claims. Outcrops of granite are few. The lavas are exposed in many outcrops, which become more numerous in the southwestern part of the claims. They consist of diabasic flows and pillow lavas with minor amounts of spherulitic lavas and interflow sediments. The detailed logging by S.V. Burr for Siscoe Gold Mines, Limited, of the diamond-drill cores in the open-pit area and in No. 5 and No. 6 shear zones has indicated a series of fine to coarse diabasic flows, ranging from 10 to 100 feet in thickness.

5.2 Structural Geology *

A few top determinations in the lavas away from the granite contact indicate that the lavas face south to southwest. Near the contact the shearing in the lavas trends approximately N.65°W. and dips from 60° to 80° S.W.

According to H.F. Taylor two shear zones, called No. 5 and No. 6, have been located by surface work and diamond-drilling. No. 5 shear zone angles across the boundary between claims L. 21,884 and 21,774. It strikes N.38°W., dips 70°S.W., and has been traced for 900 feet. No. 6 shear zone is on claim L.21,774 and has a known length of 1,100 feet. It strikes N.68°W., cutting the lavas at a slight angle, and dips approximately 70°S.

5.3 Gold Occurrences *

Three main gold occurrences have been explored by trenching, pitting, and diamond-drilling. These are at the open pit and in the No. 5 and No. 6 shear zones.

The open pit is in the northeastern corner of claim L.21,773. In 1947, the upper section of this pit was 60 by 80 feet, and a lower section filled with water was 25 by 50 feet. The pit is about 30 feet deep.

The diamond drilling has indicated the occurrence of gold values in two fractured zones dipping flatly to 30°N. within 100 feet of the surface. The upper zone has been designated "A", and the lower parallel zone "B". The known lateral extent of these zones is approximately 150 by 300 feet. The zones range in thickness from a foot to a maximum of 30 feet.

At the open pit, the country rock is a light-grey weathering, dark-green, amphibolitized basalt. The rock is minutely fractured. Several occurrences of pegmatitic quartz or quartz breccia may be noted on the walls and slopes of the pit above the water. These occurrences are in the form of discontinuous sheets and are breccia zones of pale-purple, carbonatized lava with quartz or quartz-albite filling, mineralized with coarsely crystalline pyrite. Some crystals of pyrite are as much as half an inch across. It is understood that the gold content is roughly proportionate to the amount of pyrite present. Thin-section study of the pale-purple lava shows that the processes of carbonatization and silicification have completely altered the rock to a quartz-carbonate aggregate.

H.F. Taylor reports that No. 5 zone is exposed in two surface pits and has been intersected by 9 diamond drill holes. The ore shoot has a length of 310 feet. It is a brecciated zone containing

carbonate and quartz with medium to coarse pyrite. No. 6 zone is described by him as similar in character to No. 5. It was intersected at a depth of 100 feet by 3 diamond drill holes. The ore shoot is 165 feet long.

5.4 Ore Reserves *

S.V. Burr, in a report dated January, 1944, made the following tonnage estimates:

The total estimated tonnage was 85,00 tons of 0.295 ounces of gold per ton.

Open Pit Zone. - In the open pit zone ore reserves were estimated at 32,000 tons of 0.311 ounces per ton, of which 15,000 tons of 0.314 ounces per ton were from the "A" body and 17,000 tons of 0.308 ounces per ton were from the "B" body. Calculations were confined to correlations indicating minimum widths of 5 feet.

No. 5 Zone. - The ore reserves in No. 5 zone were estimated at 44,500 tons of 0.282 ounces per ton, calculated on a length 310 feet from surface to a depth of 250 feet, with widths of from 5 to 9 feet.

No. 6 Zone. - In No. 6 zone the ore reserves were estimated at 8,500 tons of 0.217 ounces per ton, calculated on a length of 165 feet from surface to a depth of 100 feet, with widths from 5 to 18 feet.

*5.1,5.2,5.3,5.4 - pages 21,22, ODM Rpt., Vol. VIII, Part IV, 1949 Geology of Garrison Township.

6.0 DRILLING RESULTS

This year's program concluded with a total of 2,518 feet having been drilled. Core recovery was acceptable, however, there were circumstances where the mineralized zone was not fully penetrated due to mechanical difficulties arising from the drill bit and rods becoming jammed. The problem seems to occur just as the drill bit exits the more competent host andesite and passes quickly by "punching ahead" into the somewhat less competent mineralized zone. It is felt that this problem can be eliminated or minimized in subsequent programs.

The most recently completed drilling was inspired by results from the 1983 program, where hole 83-3 intersected 4.0 feet grading 1.13 oz/ton Au.

Rock types intersected were essentially a monotonous alternating sequence of andesites and basalts. Scattered irregular veins and veinlets of quartz and carbonate were frequently observed throughout. Indiscriminately distributed patches of epidote and carbonate were also observed. None of the foregoing is of any economic significance.

Also intersected during this year's drilling effort was a well mineralized shear controlled quartz carbonate breccia vein. This was previously intersected in hole 83-3 and as mentioned yielded 4.0' of 1.13 oz/ton Au. The zone is intensely brecciated, broken and fractured in places, and contains anywhere from 5% - 20% pyrite occurring either as isolated disseminations or as coarsely crystalline aggregates. Visible gold occurring as coarse isolated flakes is not uncommon. Several significant intersections were made including 20.5 feet grading .392 (.251 cut) ounces per ton gold in Hole HV-2A. A summary of significant intersection follows:

Hole	Grade Uncut	oz/T Au cut--	Length (ft.)
HV-1	.387	.311	11.5
HV-2	.131	.131	10.0
HV-2A	.392	.251	20.5
* HV-8	.038	.038	2.0
HV-9	.532	.500	4.0
HV-11	.750	.367	6.0
* HV-12	.103	.103	10.0

* NOTE: in HV-8; HV-12 the holes were lost in the mineralized zone.

An examination of the Diamond Drilling Plan in Pocket at rear will reveal that these intersections occur over a measured east-west trending strike of 360' (minimum effective strike 460'; 50' each side of most easterly and westerly intersections) and possibly represents a westward extension of one of the four well mineralized zones known to occur on the adjacent Buffonta Mine Property. This zone could possibly persist across the entire east-west dimension of the property, a distance approximating 4,000'.

Also derived from the plan is the suggestion of some north-south faulting of at present unknown magnitude. This is entirely possible as evidenced on OGS map 1949-1 in pocket at rear. This faulting possibly explains the apparent offset distribution of the mineralized intersections from one hole to the next. This offsetting is not expected to the east and west of the presently drilled area.

7.0 CONCLUSIONS

The recent program has resulted in:

- the identification of a well mineralized shear controlled quartz carbonate breccia zone with a minimum effective strike length of 460'.
- the probability that this zone is an extension of one of four zones known to occur on the Buffonta property.
- the probability that the zone extends well beyond its current defined limits, both laterally and down dip.
- the possibility of other zones extending from the Buffonta property onto the Winteroad property.

8.0 RECOMMENDATIONS

Further exploration of the property is warranted. An aggressive technical program broken down as follows is recommended.

• Detailed linecutting and geophysics	50,000.
• Detailed drilling on known zone	1,000,000.
• Drilling on other areas	600,000.

A detailed budget follows.

9.0 DETAILED BUDGET

SURFACE EXPLORATION:

Linecutting	16 miles @ 300	4,800.
Magnetics	16 miles @ 150	2,400.
VLFEM (1)	16 miles @ 150	2,400.
VLFEM (2)	16 miles @ 150	2,400.
Maxmin EM	16 miles @ 300	4,800.
Ind. Polarization	16 miles @ 1000	16,000.
Supervision	1 months @ 4000	4,000.
Accomodation, meals		2,000.
Vehicle, fuel		1,000.
Geophysical intepretation, report		5,000.
		44,800.
Contingency		5,200.
		$50,000.

DIAMOND DRILLING (Known Zone)

Drilling	25000 feet @ 22.50	562,500.
Associated Costs	25000 feet @ 7.50	187,500.
Assays	5000 feet @ 15.00	75,000.
Supervision	3 months @ 7000	21,000.
2 Assistants	3 months @ 4000 ea.	24,000.
Accomodation	3 months @ 5400	16,200.
Vehicle, fuel	3 months @ 1000	3,000.
Report, Maps	1 month @ 11000	11,000.
Drafting		5,000.
Consulting fee	4 months @ 4000	16,000.
		921,200.
Contingency		78,800.
		$1,000,000.

Cont'd

DIAMOND DRILLING (Other Areas):

Drilling	15000 feet @ 22.50	337,500.
Associated Costs	15000 feet @ 7.50	112,500.
Assays	3000 feet @ 15.00	45,000.
Supervision	2 months @ 7000	14,000.
2 Assistants	2 months @ 4000 ea.	8,000.
Accomodation	2 months @ 5400	10,800.
Vehicle, fuel	2 months @ 1000	2,000.
Report, Maps	1 months @ 11000	11,000.
Drafting		4,000.
Consulting fee	3 months @ 4000	12,000.
		556,800.
Contingency		43,200.
		$600,000.

Respectfully submitted,
A.C.A. HOWE INTERNATIONAL LTD.

Toronto, Ontario
November 21, 1986

D.J. Gillis, B.Sc., F.G.A.C.

CERTIFICATE

I, Daniel J. Gillis, of 6977 Hickling Crescent in Mississauga, Ontario hereby certify that:

1. I am and have been employed since March 1986 as a geologist by A.C.A. Howe International Ltd., Mining and Geological Consultants, with offices at Suite 400, 199 Bay Street, Toronto, Ontario, M5J 1L4

2. I am a 1974 B.Sc. graduate of Saint Francis Xavier University, Antigonish, Nova Scotia.

3. I am a Fellow of the Geological Association of Canada.

4. I have practiced my profession in excess of 12 years.

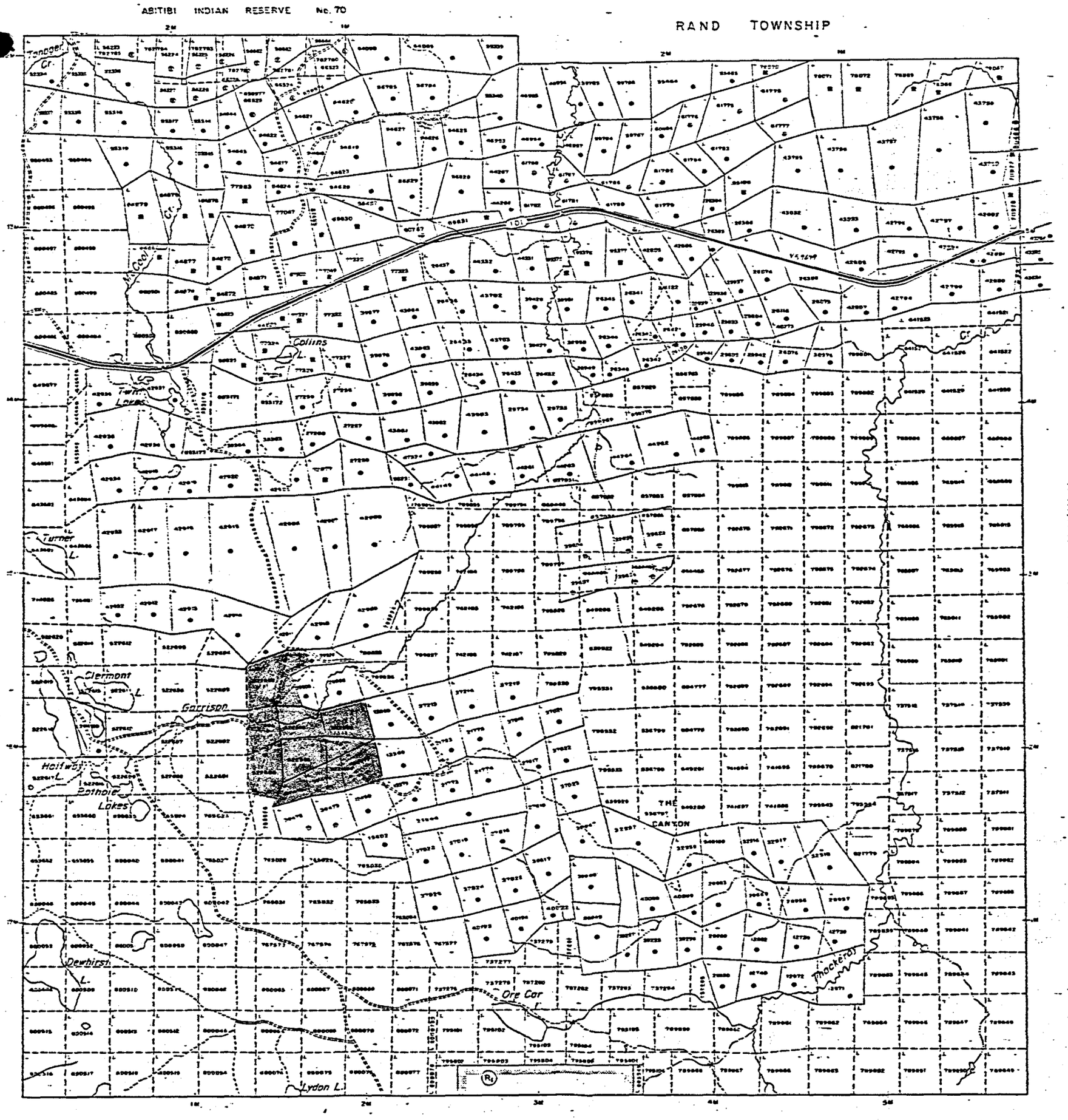
5. I do not hold any interest in the securities of Winteroad Resources Limited.

Toronto, Ontario
November 21, 1986

D.J. Gillis, B.Sc., F.G.A.C.

APPENDIX I

Drill Logs



HIGHWAY AND ROUTE No
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC
UNSURVEYED LINES:
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" " SURFACE RIGHTS ONLY	
" " MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" " SURFACE RIGHTS ONLY	
" " MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1914 CHAP. 29 SEC. 10, SUBSEC. 1

SCALE 1:20 000

OCT 31 1996

TOWNSHIP
GARRISON

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
COCHRANE

Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

G-39

TWP GARRISON

DIAMOND DRILL RECORD

NAME OF PROPERTY Winteroad Resources
HOLE NO. HV-1 LENGTH 445'
LOCATION
LATITUDE DEPARTURE
ELEVATION 1100' AZIMUTH N8°E DIP -62
STARTED Sept. 27/86 FINISHED Sept. 30/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	-64				
200	-64				
300	-60				
395	-61				

HOLE NO. HV-1 SHEET NO. 1
REMARKS
LOGGED BY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	TOTAL	ASSAYS %	%	Au OZ/TON	OZ/TON
0	68	Overburden									
68	81.5	Interlayered andesite and basalt unoriented quartz veinlets indescrimently scattered throughout									
81.5	83.0	Quartz carbonate breccia buff color; quartz chlorite carbonate alteration with 5% sulphides	HV-1	-1			1.5			.386	
83.0	87.0	interlayered basalt and andesite flow rock	HV-2				4.0			T	
87.0	93.0	Quartz carbonate breccia zone scattered patches of sulphides mainly pyrite up to 5%; visible gold; Broken fragments are altered to a rust color, quartz is mottled	HV-1	-3			6.0			.646	
93.0	175.5	Interlayered andesite and basalt scattered patches of epidote mineralization, small quartz veinlets scattered throughout									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 2

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS OZ/TON	
		111.0-112.0 - epidote alteration										
		- some red alteration										
		149.0-149.5 - epidote- carbonate alteration										
		numerous quartz carbonate										
		veinlets throughout occupying										
		shear planes at many										
		angles to core axis										
175.5	214.0	Interlayered basalt and andesite										
		numerous unoriented quartz carbonate veinlets										
		occasional epidote-carbonate vein										
214.0	298.5	basalt										
298.5	300.0	Felsic dike										
		225.0-225.5 - epidote carbonate vein	HV-1-4							T		
		238.5-239.5 - epidote carbonate vein	HV-1-5							T		
300.0	445.0	Mainly basalt								T		
		some interbedded altered andesite										
		341.5-342 } carbonate epidote veins	HV-1-6				.50			T		
		388.0-389.0 } with less than 1% pyrite	HV-1-7				1.0			T		
		402.0-402.8 }	HV-1-8				0.8			T		

DIAMOND DRILL RECORD

NAME OF PROPERTY Winteroad Resources
HOLE NO. HV-2 LENGTH 157
LOCATION
LATITUDE DEPARTURE
ELEVATION 1100 AZIMUTH N20W DIP -45
STARTED Sept. 30/86 FINISHED Oct. 1/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. HV-2 SHEET NO. 1
REMARKS
LOGGED BY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	OZ/TON	
0	61.5	Overburden										
61.5	157	mainly basalt with interlayered andesite; many scattered and unoriented quartz veinlets and scattered patches of epidote										
		115.0-157 Badly broken ground										
		135.0-145 Altered vein material badly broken. poor recovery	HV-2-1				10.0			.131		

LANGRIDGES — TORONTO — 368-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Winteroad Resources
HOLE NO. HV-2A LENGTH Wedge at 110 172'
LOCATION
LATITUDE DEPARTURE
ELEVATION AZIMUTH N20W DIP -45
STARTED Oct. 6, 1986 FINISHED Oct. 7, 1986

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
172	-60				

HOLE NO. HV-2A SHEET NO. 1
REMARKS
LOGGED BY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	OZ/TON
0	61.5	overburden									
	110.0	wedge									
110	172	mainly basalt with some andesite									
		layers; massive in places									
		scattered quartz veinlets									
		139.0-151.5 - fault zone									
		- highly altered rusty and									
		broken basalt fragments									
		- unoriented quartz veining									
		139.0-141.0	HV-2-2				2.0			.251	
		141.0-146.0	HV-2-3				5.0			.187	
		146.0-149.0	HV-2-4				3.0			.054	
		149.0-151.5	HV-2-5				2.5			.080	
		151.5-159.0 quartz breccia									
		151.0-153.0	HV-2-6				2.0			1.74	
		153.0-154.0	HV-2-7				1.0			.443	
		154.0-155.5	HV-2-8				1.5			.583	
		155.5-157.0	HV-2-9				1.5			.518	
		157.0-159.0	HV-2-10				2.0			.236	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Winteroad Resources
HOLE NO.: HV-3 LENGTH: 217
LOCATION:
LATITUDE: DEPARTURE:
ELEVATION: 1100' AZIMUTH: N10E DIP: -60
STARTED: Oct. 1, 1986 FINISHED: Oct. 3, 1986

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	-64				

HOLE NO.: HV-3 SHEET NO.: 1
REMARKS:
LOGGED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS OZ/TON
0	71	Overburden									
71	217	Mainly basalt with interlayered andesite									
		several quartz veinlets at unoriented angles.									
		scattered patches and veins of									
		epidote mineralization									
		no visible sulphides									
		202.0-205.0	HV-3-10				3.0			.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Winteroad Resources
HOLE NO.: HV-4 LENGTH:
LOCATION:
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: N10E DIP: -45°
STARTED: FINISHED:

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. HV-4 SHEET NO. 1
REMARKS:

LOGGED BY:

FOOTAGE		DESCRIPTION	SAMPLE					ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	TOTAL	%	%	OZ/TON	OZ/TON	
0	87	Hole lost in overburden										

DIAMOND DRILL RECORD

NAME OF PROPERTY: Winteroad Resources
HOLE NO.: HV-5 LENGTH: 257
LOCATION:
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: N10E DIP: -45°
STARTED: Oct. 7/86 FINISHED: Oct. 10/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	-60				
200	-62				

HOLE NO. HV-5 SHEET NO. 1
REMARKS:
LOGGED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	OZ/TON
0	96	Casing									
96	257	Interlayered basalt and andesite									
		114.0-114.4 - epidote alteration with	HV-5	-1			0.4			.002	
		carbonate with pyrite									
		96-113 - mainly andesite with scattered									
		unoriented quartz carbonate									
		veinlets, epidote veinlets;									
		grey-green color									
		113-118 - massive medium grained									
		basalt trace pyrite									
		115.5-116.0	HV-5	-3			0.5			.012	
		154.5-155.0 - epidote alteration; minor pyrite	HV-5	-2			0.5			.002	
		118-182 - mainly grey andesite with scattered									
		quartz-epidote veinlets									
		182-187 - andesite with numerous patches									
		of epidote									
		187-257 - massive fine grained basalt									
		225.5-226.5 - quartz epidote vein	HV-5	-4			1.0			.002	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Winteroad Resources
HOLE NO.: HV-6 LENGTH:
LOCATION:
LATITUDE: DEPARTURE:
ELEVATION: 1100 AZIMUTH: N20W DIP: -45°
STARTED: Oct. 11/86 FINISHED: Oct. 13/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	50				
200	52				

HOLE NO. HV-6 SHEET NO. 1
REMARKS:
LOGGED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS OZ/TON	
0	104	Overburden										
104	249	Interlayered basalt and andesite										
		massive sections as well as										
		sections with numerous scattered										
		unoriented epidote and quartz veinlets										
		116.6-116.8 - epidote vein										
		126.8-127.2 - epidote vein										
		153.0-153.2 - epidote vein										
		155.8-161.0 - broken core with abundant										
		quartz vein material										
		155.8-157.0	HV-6-1				1.2			T		
		157.0-159.5	HV-6-2				1.5			T		
		158.5-161.0	HV-6-3				2.5			T		
		166.0-167.0 epidote alteration										
		181.0-182.0 epidote alteration										

DIAMOND DRILL RECORD

NAME OF PROPERTY: Winteroad Resources
HOLE NO.: IIV-7 LENGTH: 257
LOCATION:
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: N10E DIP: -45
STARTED: Oct. 13/86 FINISHED: Oct. 15/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	-50				
200	-52				

HOLE NO. IIV-7 SHEET NO. 1
REMARKS:
LOGGED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS OZ/TON	
0	74	Overburden										
74	257	Interlayered andesite and basalt with numerous quartz veinlets; epidote veinlets and patches scattered in an unoriented manner throughout										
		110-130 - Alternating breccia-flow rocil alteration zone										
		110-111.2 - breccia	IIV-7-1				1.2			.002		
		111.2-113.0 - breccia	IIV-7-2				1.8			T		
		113.0-114.5 - breccia	IIV-7-3				1.5			T		
		114.5-116.4 - andesite flow rock	IIV-7-4				1.9			T		
		116.4-118.0 - andesite flow rock	IIV-7-5				1.6			T		
		118.0-119.5 - andesite flow rock	IIV-7-6				1.5			T		
		119.5-122.0 - andesite flow rock	IIV-7-7				2.5			T		
		122.0-123.5 - andesite flow rock	IIV-7-8				1.5			.002		
		123.5-124.5 - breccia	IIV-7-9				1.0			.002		
		124.5-126.0 - breccia	IIV-7-10				1.5			T		
		126.0-127.0 - epidote alteration	IIV-7-11				1.0			T		
		127.0-128.0 - epidote alteration	IIV-7-12				1.0			.002		
		128.0-130.0 - epidote alteration	IIV-7-13				2.0			T		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Winteroad Resources
HOLE NO.: HV-8 LENGTH: 138
LOCATION:
LATITUDE: DEPARTURE:
ELEVATION: 1100 AZIMUTH: N10E DIP: -45°
STARTED: Oct. 14/86 FINISHED: Oct. 15/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO.: HV-8 SHEET NO.: 1
REMARKS:
LOGGED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS AU OZ/TON	ASSAYS OZ/TON	
0	54	Overburden										
54	138	Interlayered andesite and basalt										
		136-138 - hole lost in fault zone which could be beginning of fault quartz carbonate breccia vein. - many broken and rusted fragments	HV-8-1				2.0			.038		

DIAMOND DRILL RECORD

NAME OF PROPERTY Winteroad Resources
HOLE NO. HV-9 LENGTH
LOCATION
LATITUDE DEPARTURE
ELEVATION 1100 AZIMUTH N20W DIP -45°
STARTED Oct. 15/86 FINISHED Oct. 16/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	51				

HOLE NO. HV-9 SHEET NO. 1
REMARKS
LOGGED BY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	TOTAL	ASSAYS %	%	Au OZ/TON	OZ/TON
0	51	Overburden									
51	157	Interlayered andesite and basalt									
		numerous unoriented and scattered									
		quartz veinlets									
		52.0-54.0 - silicified epidote veinlet									
			HV-9-1		143.0	145.5	2.5			T	
		143.0-153.0 - quartz carbonate breccia	HV-9-2		145.5	147.5	2.0			.53	
		vein zone	HV-9-3		147.5	149.5	2.0			.55	
		(not sampled)	HV-9-4		149.5	151.25	1.75			T	
			HV-9-5		151.25	153.0	1.75			T	

DIAMOND DRILL RECORD

NAME OF PROPERTY: Winteroad Resources
HOLE NO.: HV-10 LENGTH:
LOCATION:
LATITUDE: DEPARTURE:
ELEVATION: 1100 AZIMUTH: N40E DIP: -45°
STARTED: Oct. 17/86 FINISHED: Oct. 18/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. HV-10 SHEET NO. 1
REMARKS:
LOGGED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS OZ/TON	
0	51	Overburden										
51	133	Interlayered andesite and basalt										
		126.0-128.0 - altered andesite broken rusted fragments	HV-10-1				2.0					
		128.0-130.0 - quartz carbonate breccia	HV-10-2				2.0					
		130.0-133.0 - quartz carbonate breccia	HV-10-3				3.0					
		hole lost at 133' in zone										

DIAMOND DRILL RECORD

NAME OF PROPERTY Winteroad Resources
HOLE NO. HV-11 LENGTH 167'
LOCATION
LATITUDE DEPARTURE
ELEVATION AZIMUTH N40E DIP -45°
STARTED Oct. 18/86 FINISHED Oct. 20/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. HV-11 SHEET NO. 1
REMARKS
LOGGED BY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS OZ/TON	
0	44	Overburden										
44	167	Interlayered andesite and basalt										
		massive inplaces, some scattered										
		unoriented quartz carbonate veinlets										
		at various angles to core A & B										
		133-134 - wall rock (andesite)	HV-11	1-1			1.0			.012		
		134-135 - breccia (ground core)	HV-11	1-2			1.0			.189		
		135-137 - breccia	HV-11	1-3			2.0			2.16		
		137-138.2 - breccia	HV-11	1-4			1.2			T		
		138.2-135 - andesite wall rock	HV-11	1-5			0.8			T		

DIAMOND DRILL RECORD

NAME OF PROPERTY: Winteroad Resources
HOLE NO.: HV-12 LENGTH: 192
LOCATION:
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: N20W DIP: -45
STARTED: Oct. 20/86 FINISHED: Oct. 21/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. HV-12 SHEET NO. 1
REMARKS:
LOGGED BY:

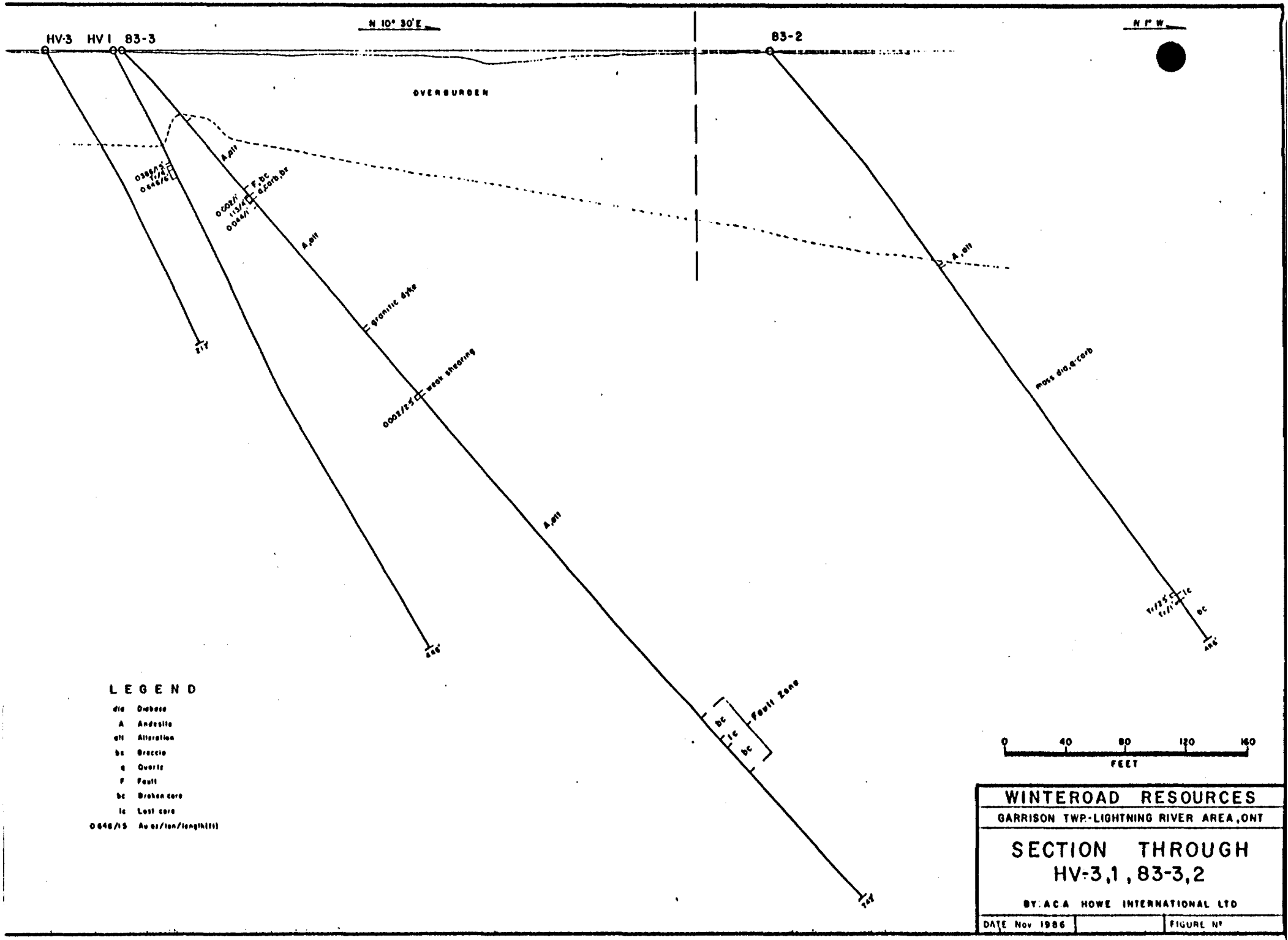
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Au OZ/TON	OZ/TON	
0	47	Overburden										
47	192	Interlayered andesite and basalt										
		-scattered quarta carbonate epidote veinlets										
		- massive in places										
		- patches of epidote alteration										
		182-183 - wall rock	HV-12-1				1.0			.028		
		183-184.5 - breccia	HV-12-2				1.5			.10		
		184.5-187.0 - breccia	HV-12-3				2.5			.08		
		187.0-189.0 - breccia	HV-12-4				2.0			.086		
		189.0-191.0 - breccia	HV-12-5				2.0			.218		
		191.0-192.0 - breccia	HV-12-6				1.0			.046		
		170.0-171.5 - 'bull' quartz vein with										
		epidote mineralization	HV-12-7							.002		

APPENDIX II

Drill Plan

APPENDIX III

Drill Sections



LEGEND

dia	Diabase
A	Andesite
alt	Alteration
bx	Breccia
q	Quartz
F	Fault
bc	Broken core
lc	Lost core
0.646/1.5	Au oz/ton/length(ft)

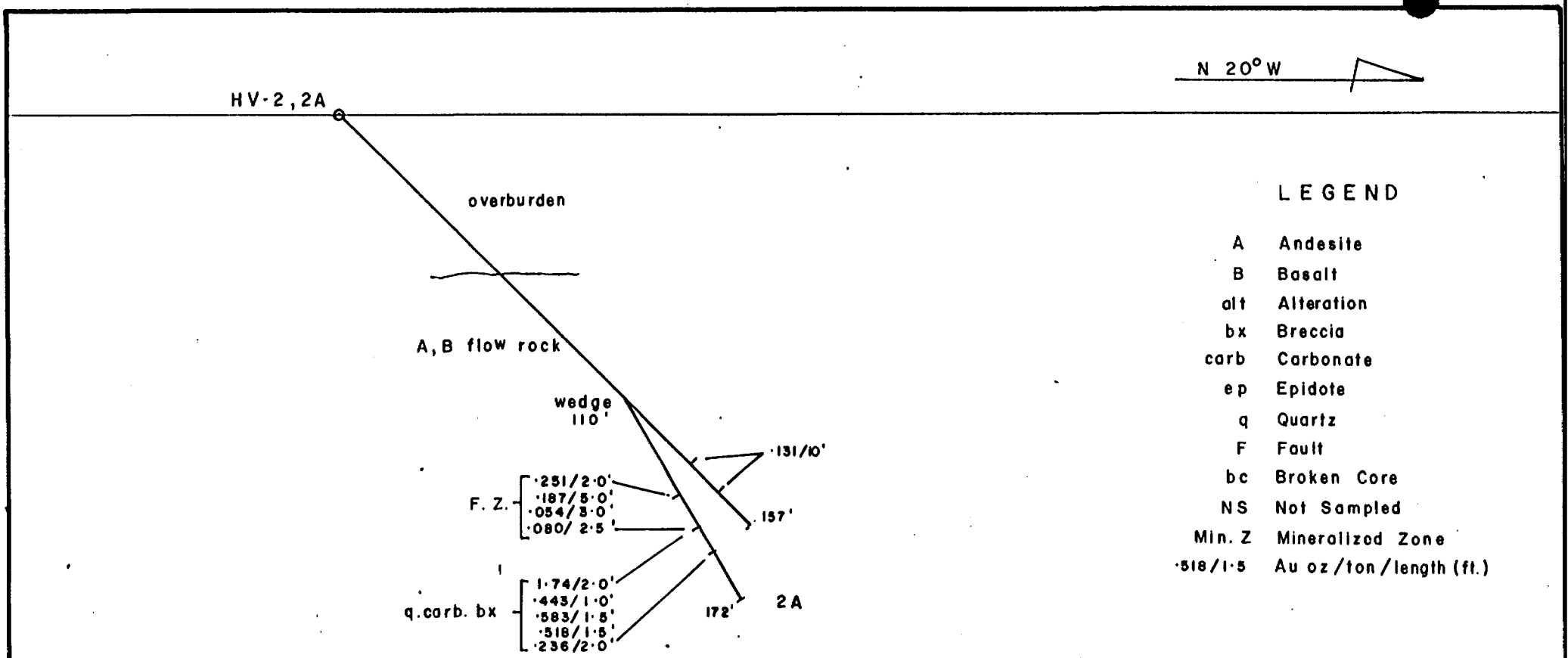
WINTEROAD RESOURCES

GARRISON TWP.-LIGHTNING RIVER AREA, ONT

SECTION THROUGH HV-3,1, 83-3,2

BY: A.C.A HOWE INTERNATIONAL LTD

DATE Nov 1986		FIGURE Nº



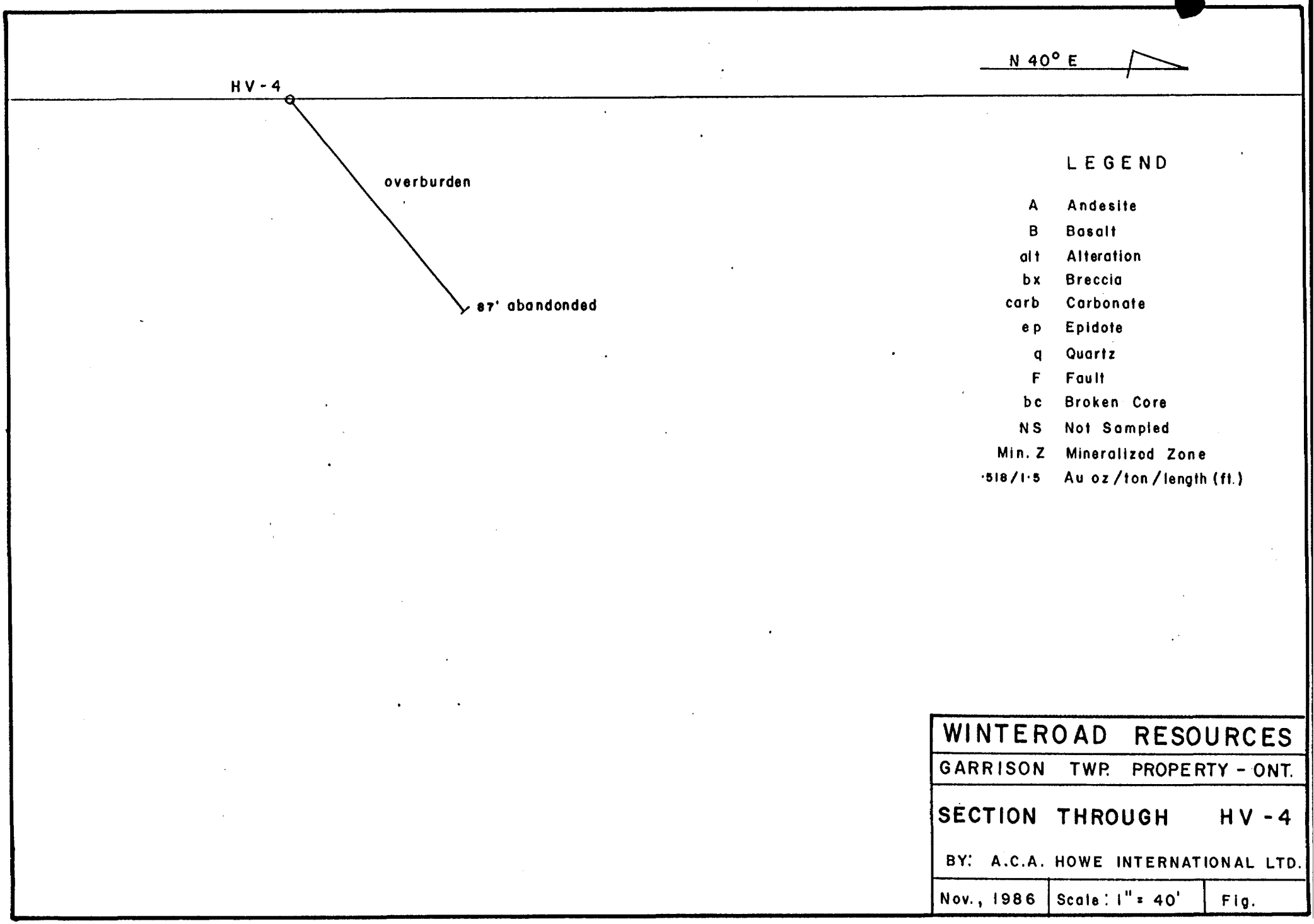
WINTEROAD RESOURCES

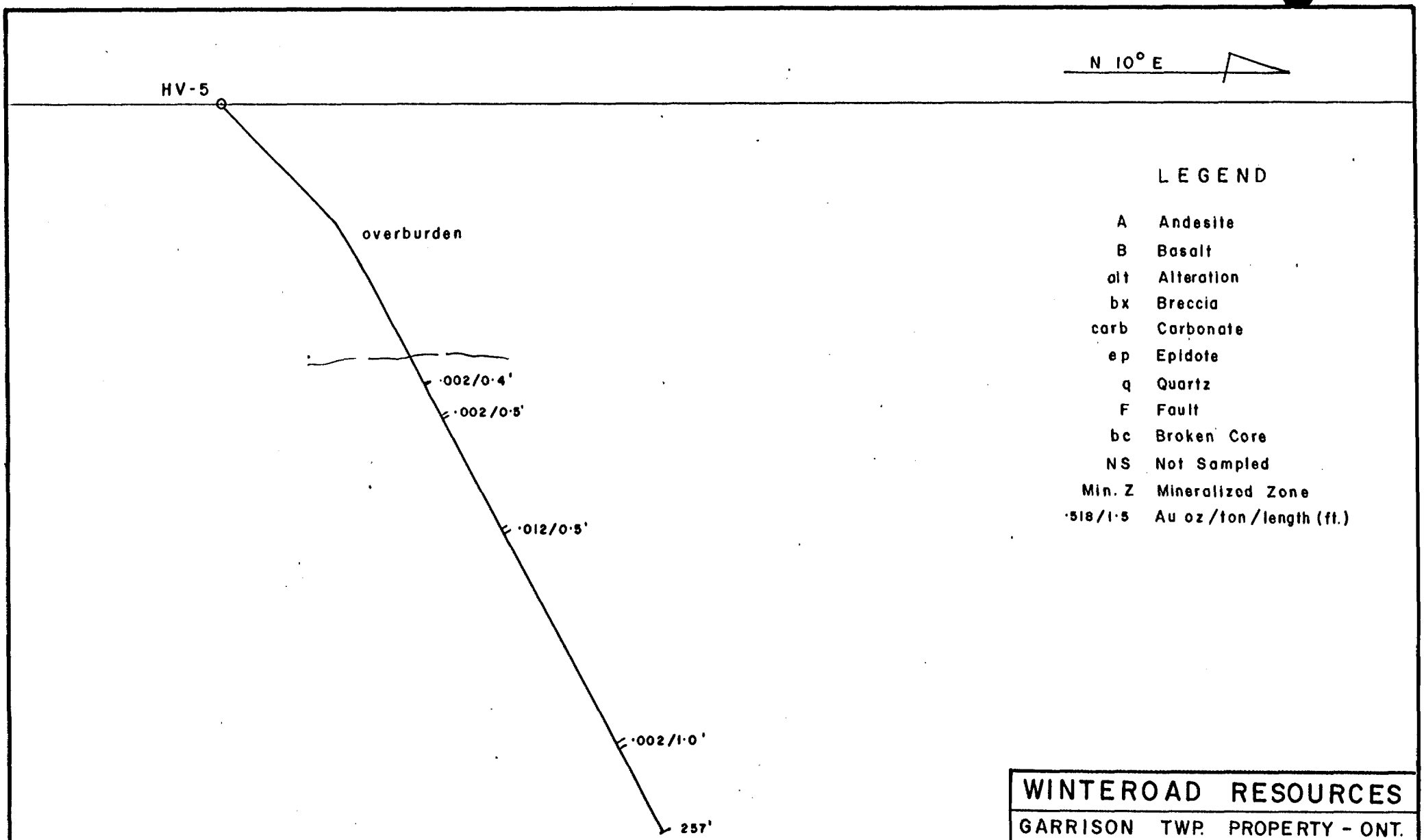
GARRISON TWP. PROPERTY - ONT.

SECTION THROUGH HV-2,2A

BY: A.C.A. HOWE INTERNATIONAL LTD.

Nov., 1986	Scale: 1" = 40'	Fig.


N 40° E
HV-4
overburden
87' abandonded
LEGEND
A Andesite
B Basalt
alt Alteration
bx Breccia
carb Carbonate
ep Epidote
q Quartz
F Fault
bc Broken Core
NS Not Sampled
Min. Z Mineralized Zone
·518/1·5 Au oz/ton/length (ft.)
WINTEROAD RESOURCES
GARRISON TWP. PROPERTY - ONT.
SECTION THROUGH HV-4
BY: A.C.A. HOWE INTERNATIONAL LTD.
Nov., 1986
Scale: 1" = 40'
Fig.



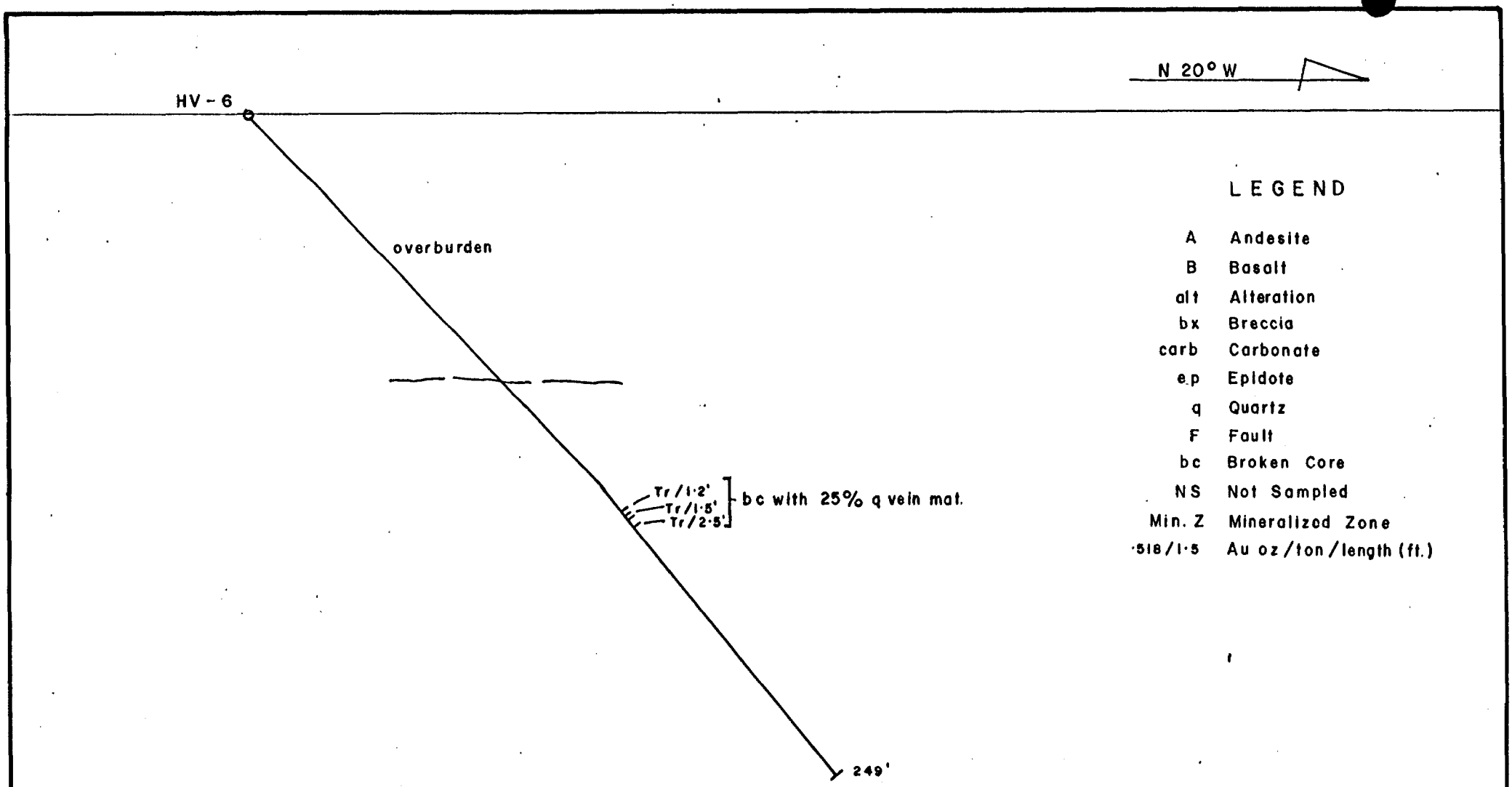
WINTEROAD RESOURCES

GARRISON TWP. PROPERTY - ONT.

SECTION THROUGH HV-5

BY: A.C.A. HOWE INTERNATIONAL LTD.

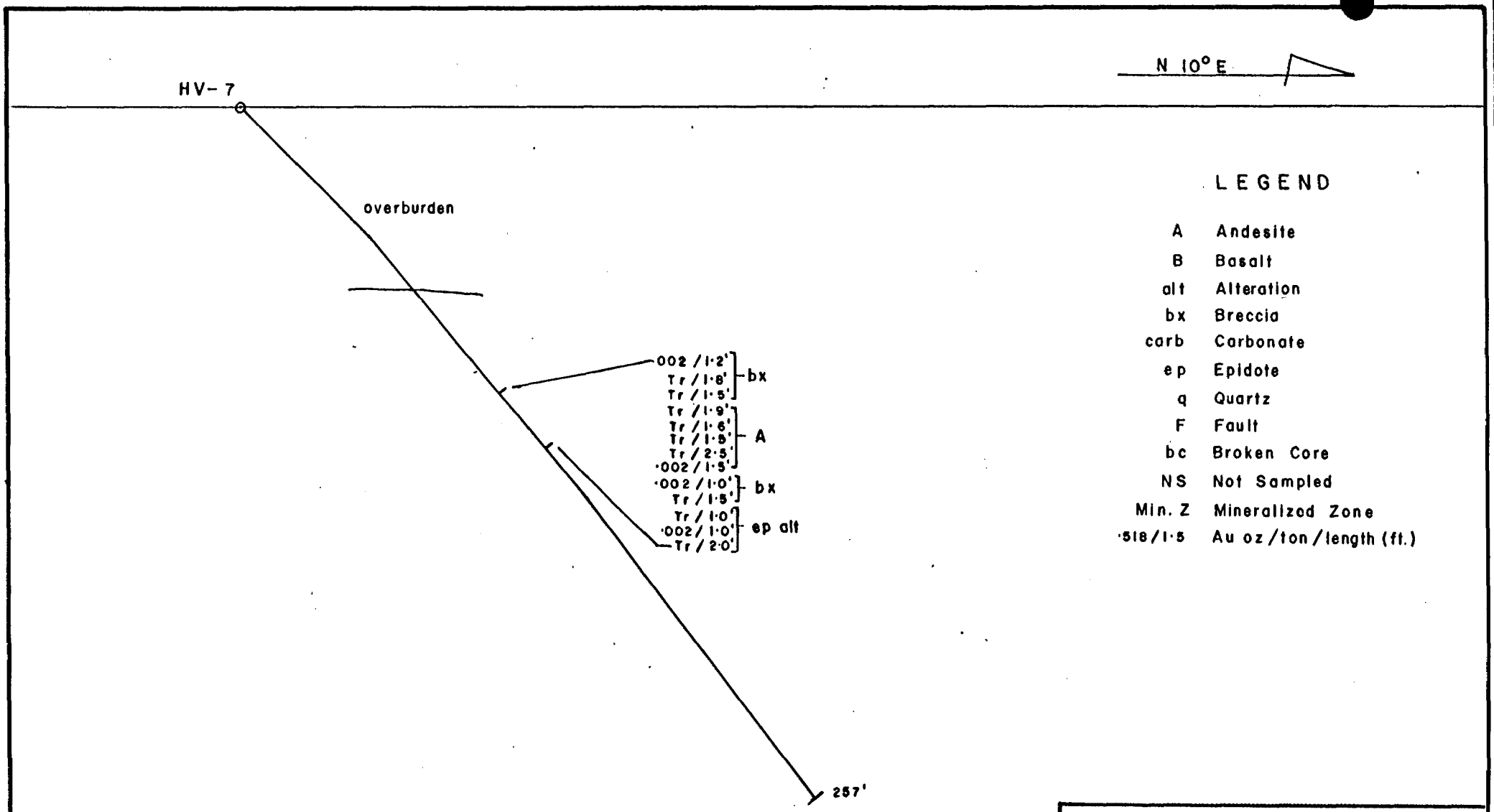
Nov., 1986	Scale: 1" = 40'	Fig.



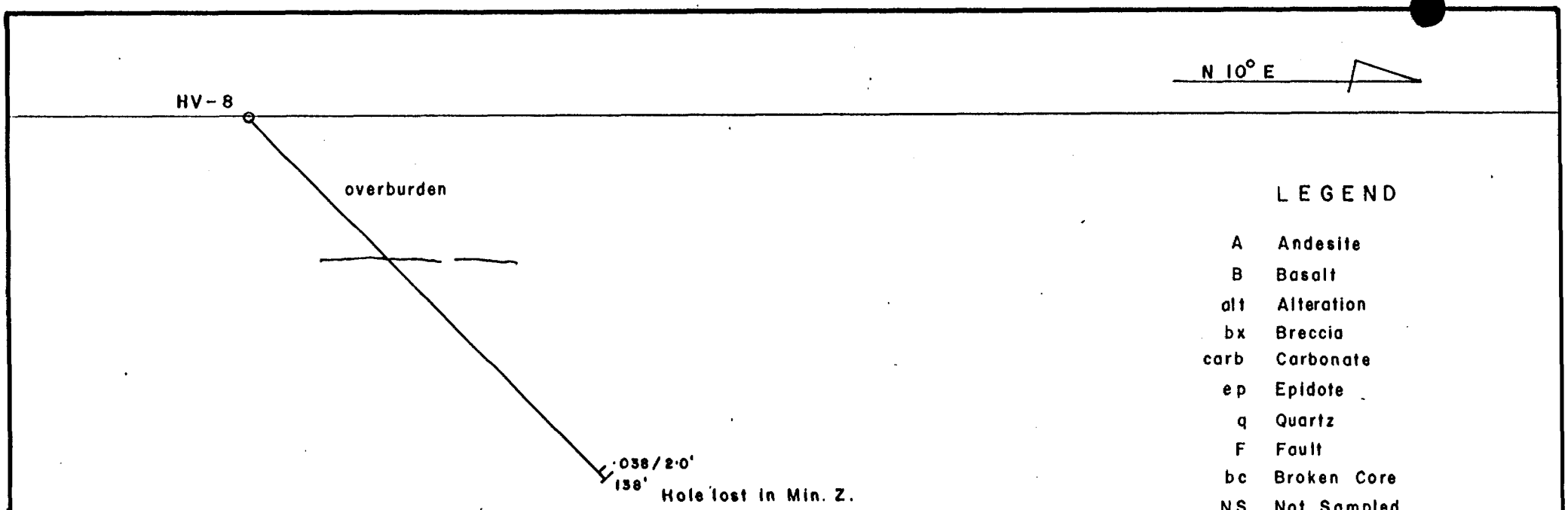
LEGEND

A	Andesite
B	Basalt
alt	Alteration
bx	Breccia
carb	Carbonate
ep	Epidote
q	Quartz
F	Fault
bc	Broken Core
NS	Not Sampled
Min. Z	Mineralized Zone
·518 / 1·5	Au oz / ton / length (ft.)

WINTEROAD RESOURCES		
GARRISON TWP. PROPERTY - ONT.		
SECTION THROUGH HV-6		
BY: A.C.A. HOWE INTERNATIONAL LTD.		
Nov., 1986	Scale: 1" = 40'	Fig.



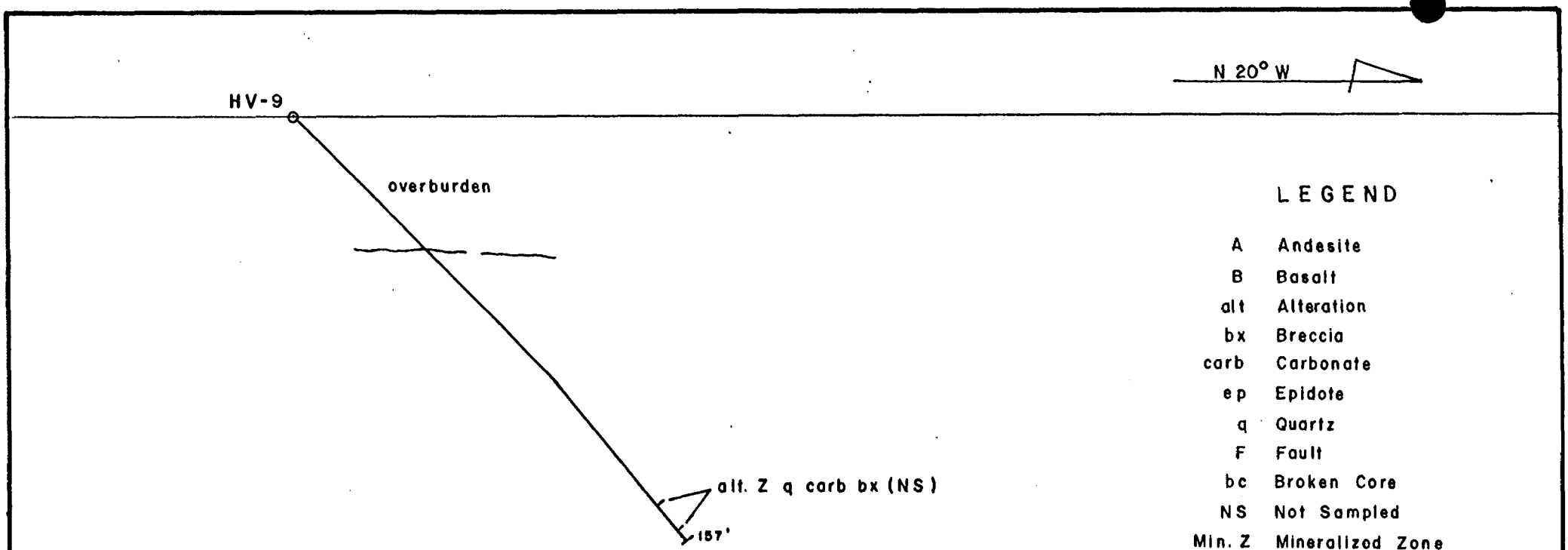
WINTEROAD RESOURCES		
GARRISON TWP. PROPERTY - ONT.		
SECTION THROUGH HV-7		
BY: A.C.A. HOWE INTERNATIONAL LTD.		
Nov., 1986	Scale: 1" = 40'	Fig.



LEGEND

A	Andesite
B	Basalt
alt	Alteration
bx	Breccia
carb	Carbonate
ep	Epidote
q	Quartz
F	Fault
bc	Broken Core
NS	Not Sampled
Min. Z	Mineralized Zone
·518/1·5	Au oz/ton/length (ft.)

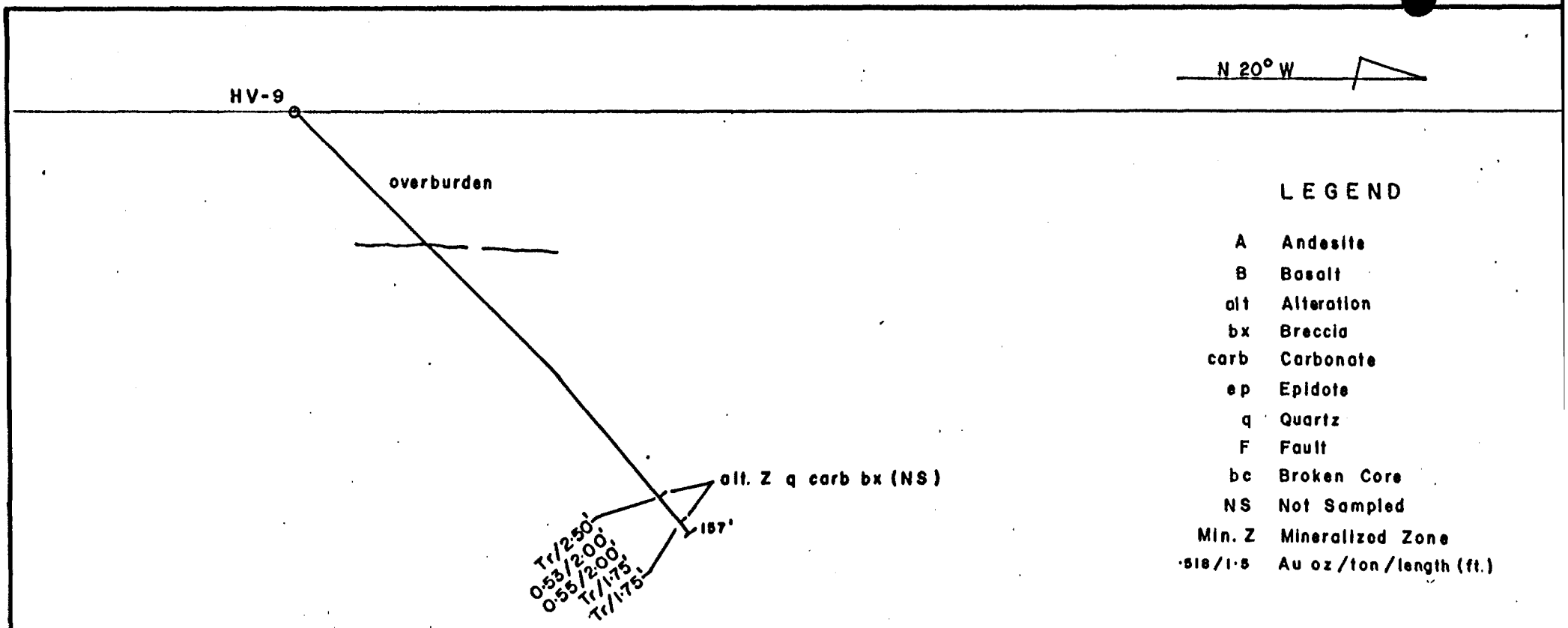
WINTEROAD RESOURCES		
GARRISON TWP. PROPERTY - ONT.		
SECTION THROUGH HV-8		
BY: A.C.A. HOWE INTERNATIONAL LTD.		
Nov., 1986	Scale: 1" = 40'	Fig.



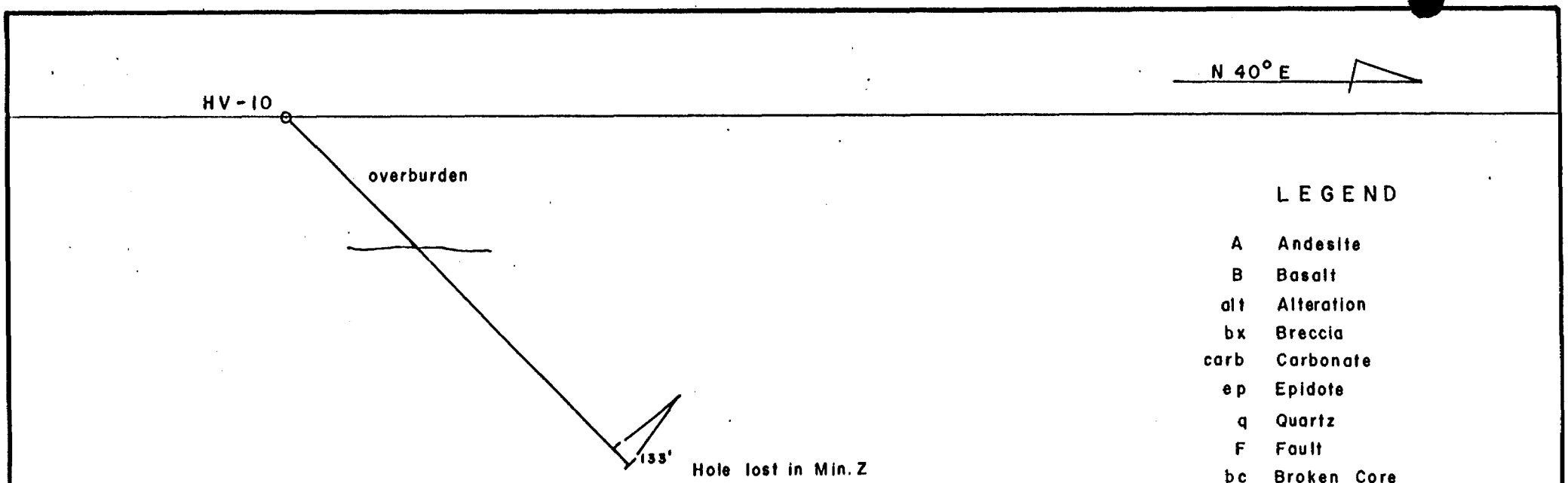
LEGEND

A	Andesite
B	Basalt
alt	Alteration
bx	Breccia
carb	Carbonate
ep	Epidote
q	Quartz
F	Fault
bc	Broken Core
NS	Not Sampled
Min. Z	Mineralized Zone
·518/1·5	Au oz/ton/length (ft.)

WINTEROAD RESOURCES		
GARRISON TWP. PROPERTY - ONT.		
SECTION THROUGH HV-9		
BY: A.C.A. HOWE INTERNATIONAL LTD.		
Nov., 1986	Scale: 1" = 40'	Fig.



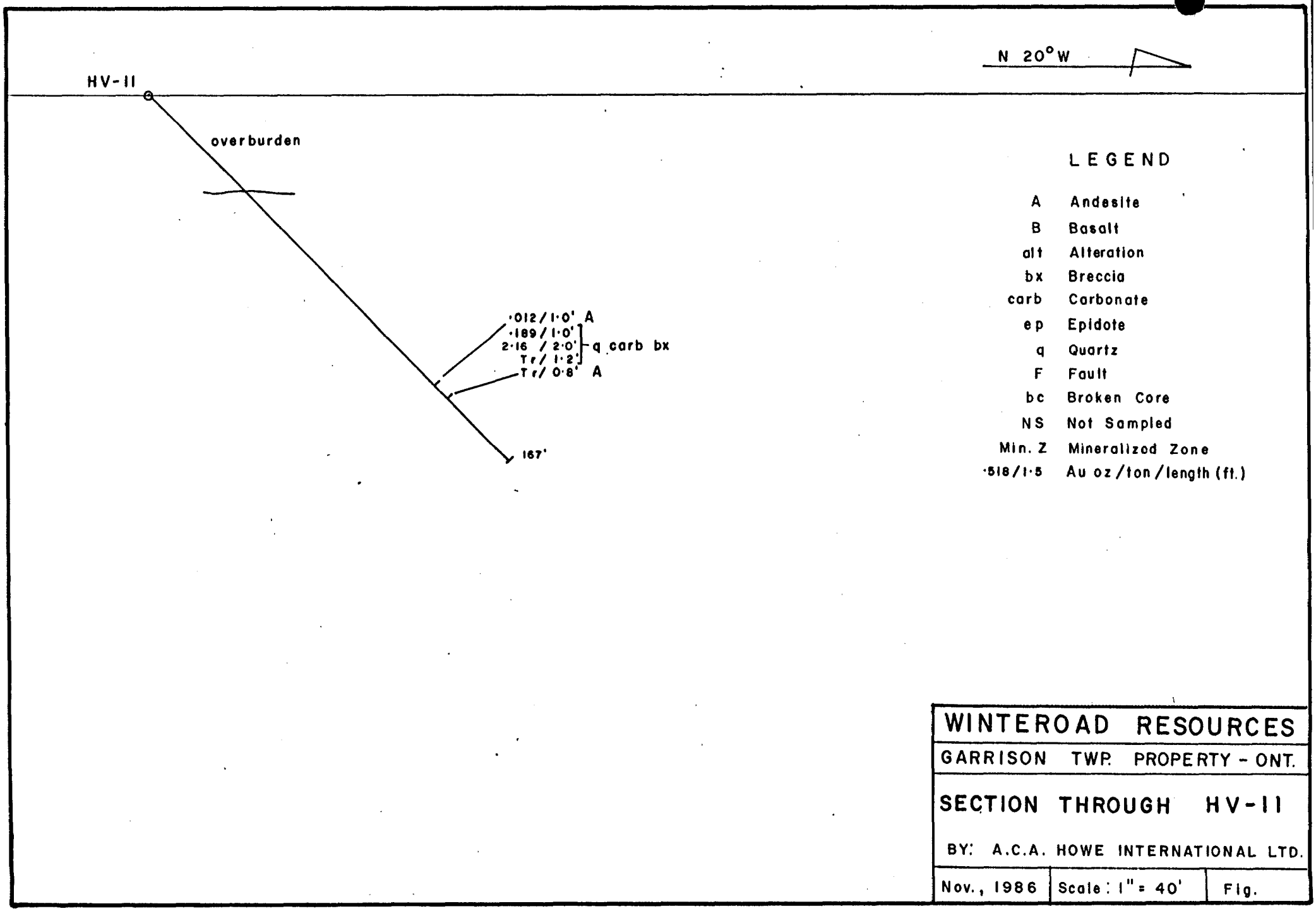
WINTEROAD RESOURCES		
GARRISON TWP. PROPERTY - ONT.		
SECTION THROUGH HV-9		
BY: A.C.A. HOWE INTERNATIONAL LTD.		
Nov., 1986	Scale: 1" = 40'	Fig.

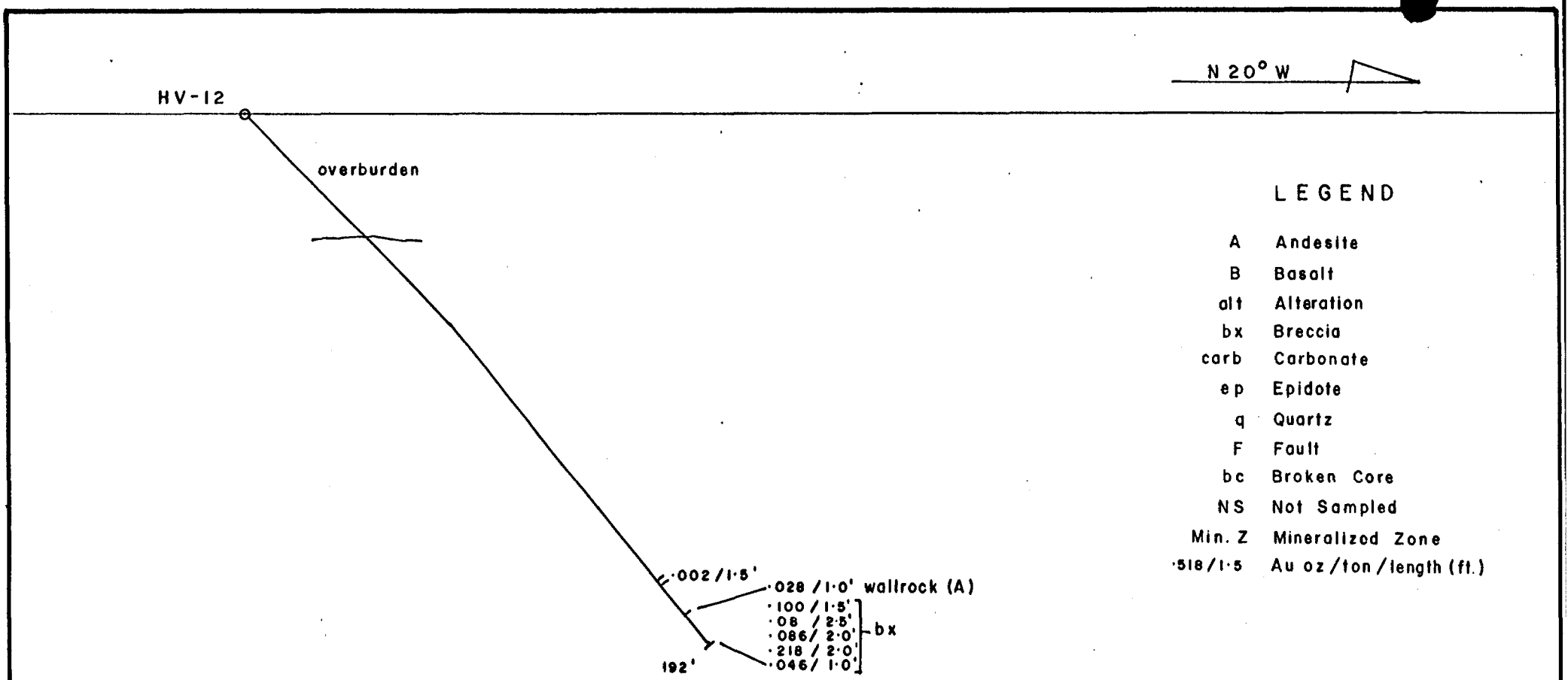


LEGEND

A	Andesite
B	Basalt
alt	Alteration
bx	Breccia
carb	Carbonate
ep	Epidote
q	Quartz
F	Fault
bc	Broken Core
NS	Not Sampled
Min. Z	Mineralized Zone
·518/1·5	Au oz/ton/length (ft.)

WINTEROAD RESOURCES		
GARRISON TWP. PROPERTY - ONT.		
SECTION THROUGH HV-10		
BY: A.C.A. HOWE INTERNATIONAL LTD.		
Nov., 1986	Scale: 1" = 40'	Fig.

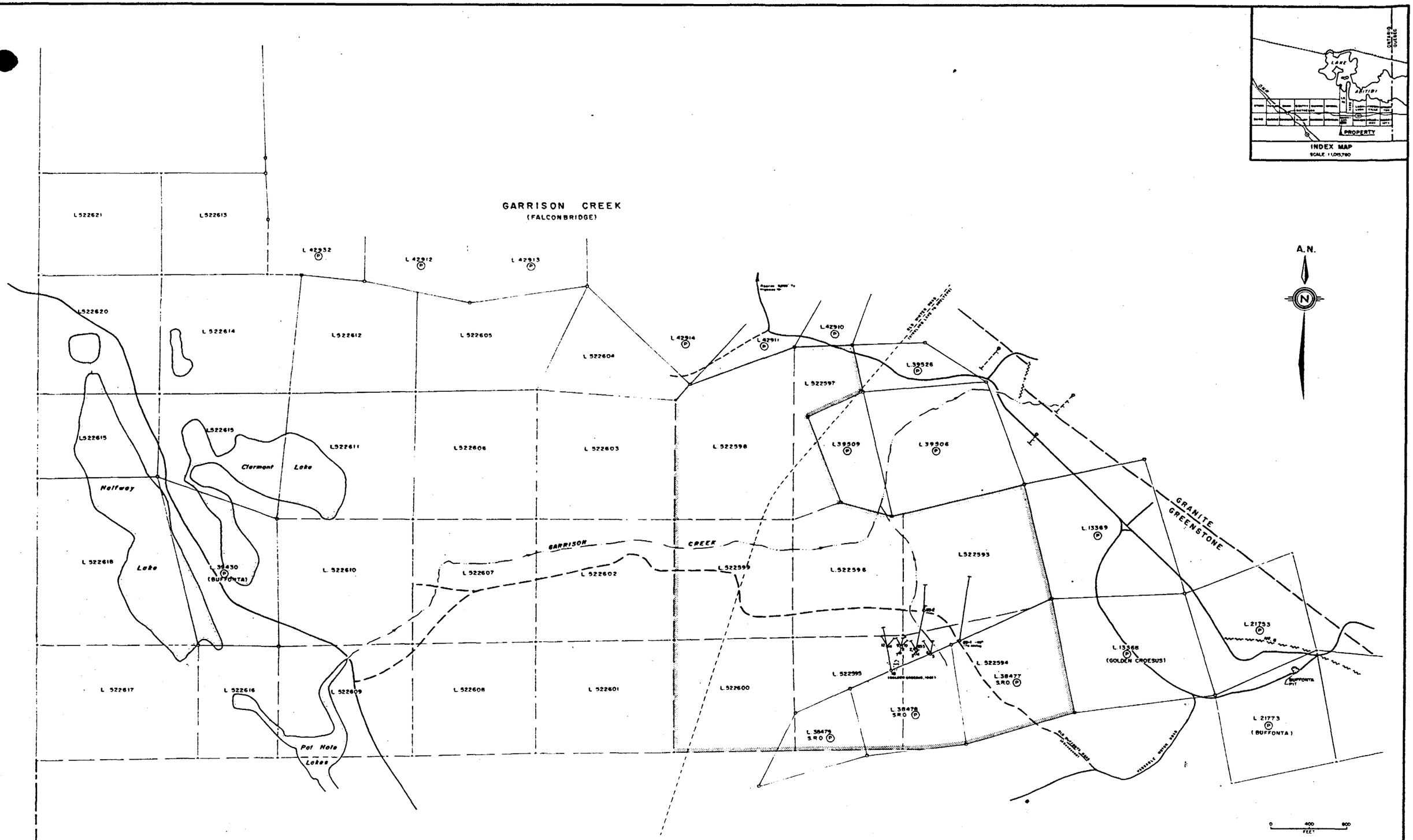

N 20°W
HV-11
overburden
·012/1·0' A
·189/1·0'
2·16 / 2·0'
Tr/ 1·2'
q carb bx
Tr/ 0·8' A
167'
LEGEND
A Andesite
B Basalt
alt Alteration
bx Breccia
carb Carbonate
ep Epidote
q Quartz
F Fault
bc Broken Core
NS Not Sampled
Min. Z Mineralized Zone
·518/1·5 Au oz/ton/length (ft.)
WINTEROAD RESOURCES
GARRISON TWP. PROPERTY - ONT.
SECTION THROUGH HV-11
BY: A.C.A. HOWE INTERNATIONAL LTD.
Nov., 1986
Scale: 1" = 40'
Fig.



WINTEROAD RESOURCES		
GARRISON TWP. PROPERTY - ONT.		
SECTION THROUGH HV-12		
BY: A.C.A. HOWE INTERNATIONAL LTD.		
Nov., 1986	Scale: 1" = 40'	Fig.

APPENDIX IV

Drill Compilation



NOTE: All drill holes proffer by HV, except 85 and 18 holes

NOTE: Traced from map by W Hammerstrom July, 1983

WINTEROAD RESOURCES	
GARRISON TWP.-LIGHTNING RIVER AREA, ONT.	
COMPILATION MAP	
BY: A.C.A. HOWE INTERNATIONAL LTD.	
DATE: Nov. 1986	FIGURE Nº

APPENDIX V

Drill Assays

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1684 (Corrected) DATE: November 6, 1986

SAMPLE(S) OF: Core (4) RECEIVED: October 1986

SAMPLE(S) FROM: Winteroad Resources Inc.

Sample No.	Oz. Gold
HU-1-1	0.386
HU-1-2	Trace
HU-1-3A	0.608 - 0.644
HU-1-3B	0.674 - 0.658

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1780 DATE: October 28, 1986

SAMPLE(S) OF: Core (51) RECEIVED: October 1986

SAMPLE(S) FROM: Mr. D. J. Gillis and Mr. John Ross Moses, Winteroad Resources

Samp.No.	Au oz.	Ag ppm
HV-1-4	Trace	0.8
5	Trace	0.4
6	Trace	0.6
7	Trace	0.6
8	Trace	0.6
HV-2-1	0.131**	1.6
2	0.251**	3.2
3	0.187**	2.2
4	0.054	1.8
5	0.080	1.4
6	1.74**	1.8
7	0.443**	0.2
8	0.583**	2.4
9	0.518**	2.4
HV-2-10	0.236**	3.4
HV-3-10	0.002	1.2
1	Trace	1.6 *
HV-5-1	0.002	0.4
2	0.002*	0.1
3	0.012	0.8
4	0.002	0.2
HV-6-1	Trace	1.2
2	Trace	1.6
3	Trace	1.4
HV-7-1	0.002	0.6
2	Trace	0.6

Samp.No.	Au oz.	Ag ppm
HV-7-3	Trace	0.6
4	Trace	0.2
5	Trace	ND
6	Trace	0.1
7	Trace	0.8
8	0.002*	0.6
9	0.002*	0.2
HV-7-10	Trace	0.2
1	Trace	0.2
2	0.002	0.2
3	Trace	0.8 *
HV-8-1	0.038	1.4
HV-9-1	0.002*	0.6
HV-11-1	0.012	0.8
2	0.189**	1.4
3	2.160**	3.0
4	Trace	1.8
5	Trace	0.8
HV-12-1	0.028	1.2
2	0.100**	1.2
3	0.080	1.4
4	0.086	1.6
5	0.218**	1.4
6	0.046	1.6
7	0.002	0.6

** Checked
* Estimated
ND denotes not detected.

54 55

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

ASSAYERS (ONTARIO) LIMITED
33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

Certificate of Analysis

Certificate No. MI-1438/5590 Date: November 18, 1986

Received 5 Samples of Drill Core

Submitted by A. C. A Howe International Ltd. Att'n: Mr. D. J. Gillis
For Winteroad Resources

Sample No.	Au ppb	oz/ton
HV9-1	229	
2	>10000	.53(.54)
3	>10000	.55(.51)
4	389	
HV9-5	99	

ASSAYERS (ONTARIO) LIMITED

Per

J. van Engelen Mgr.

APPENDIX VI

Hammerstrom Report
1983 Drilling

SUMMARY REPORT

ON

DIAMOND DRILLING ETC.
June-July - 1983

IN GARRISON TOWNSHIP, Ontario

By

W. HAMMERSTROM

607-610

PROPERTY:

Claims Nos. L522593 to L522~~610~~ 604 ~~(incl)~~ plus L.522616 and L522617 (18 mining claims)

LOCATION:

Garrison Township, Larder Lake Mining Division, Ontario.

ACCESSIBILITY:

By Highway 101, 25 miles east from Matheson, Ontario, and by about 4 miles of gravel and old roads in Garrison Township.

PURPOSE OF DRILLING

Assessment work and exploring for possible northwestward extension of gold bearing zones located about 3,000 feet to the southeastward on the Old Buffonta Property (now Kerr Addison)

FOOTAGE DRILLED:

Three holes were completed from June 14th to July 15th for a total of 2,280 feet of A.Q. Wireline drilling by N. Morissette Diamond Drilling Ltd., Haileybury, Ontario.

RESULTS:

Two zones were intersected which are of economic interest.

Three feet of fractured, felsitized and pyritized core, from 234 feet to 237 feet in Hole 83-1, assayed 0.130 ounce gold per ton. This intersection warrants some further attention.

A four foot quartz-carbonate-breccia vein intersection, from 128 feet to 132 feet in hole 83-3, with some pyrite mineralization and a number of fine specks of visible gold, assayed 1.13 ounces gold per ton. This is an important new discovery which could develop into a gold orebody. It would appear from core angles that the true width of the vein is about two feet. The intersection lies about 100 feet vertically below surface.

RECOMMENDATIONS:

It is recommended that a preliminary test be made of the new discovery to establish dip and strike by diamond drilling. This would require about 1,000 feet of drilling in four holes about 250 feet each in length. The ~~estimated~~ cost with extras is estimated at about $25,000.00.

It is also recommended that the four most easterly claims of the group be surveyed. The cost with extras is estimated at about $10,000.00.

REMARKS:

Overburden, consisting of sand and boulders, varies from an indicated vertical depth of 40 feet in the area of Hole 83-3 to 140 feet in the areas of Holes 83-1 and 83-2.

Remarks con'd.

Logs, sections and a preliminary property plan, one inch to four hundred feet, have been completed.

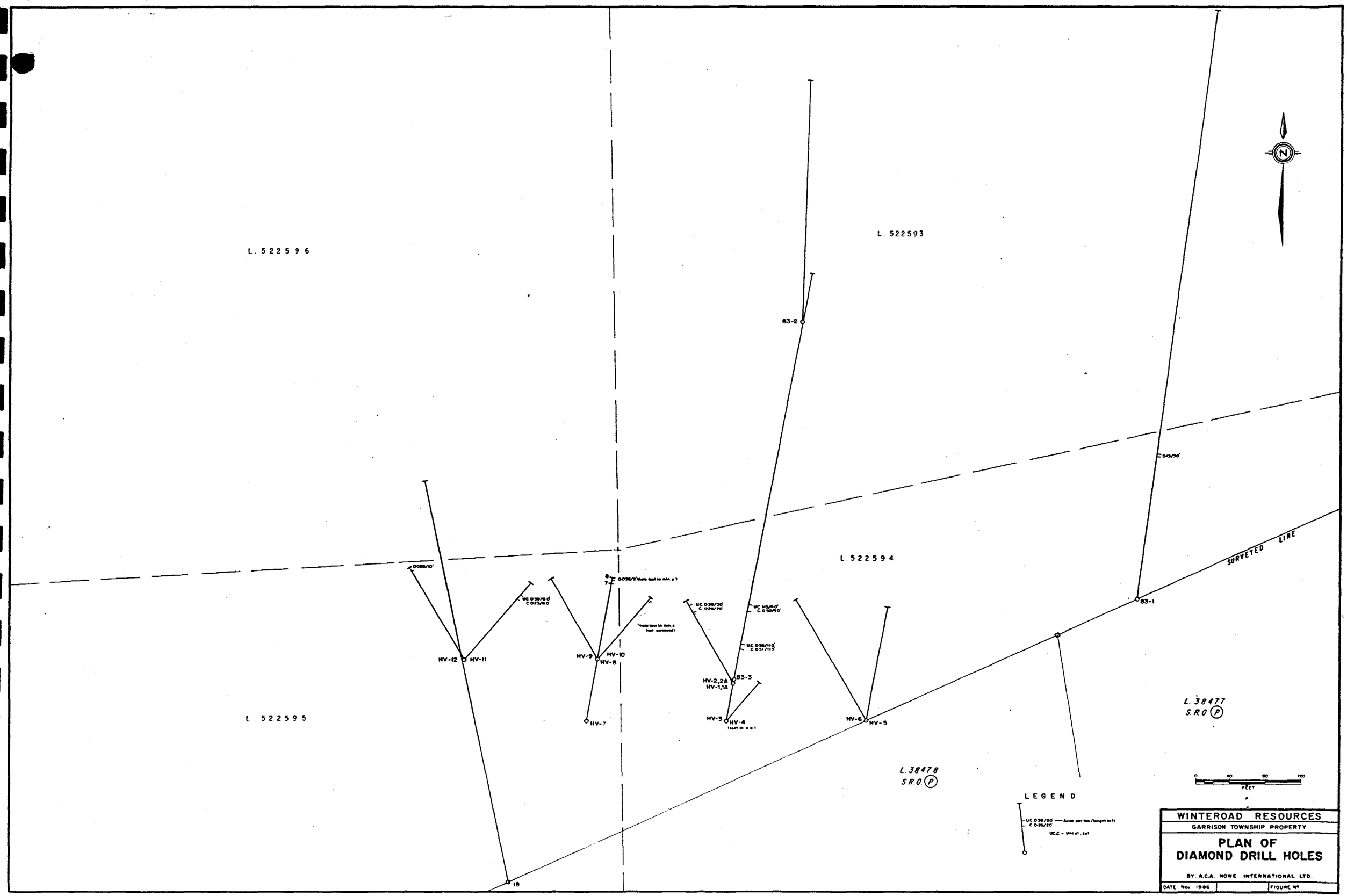
July 24,1983

W. Hammerstrom

W. Hammerstrom

APPENDIX VII

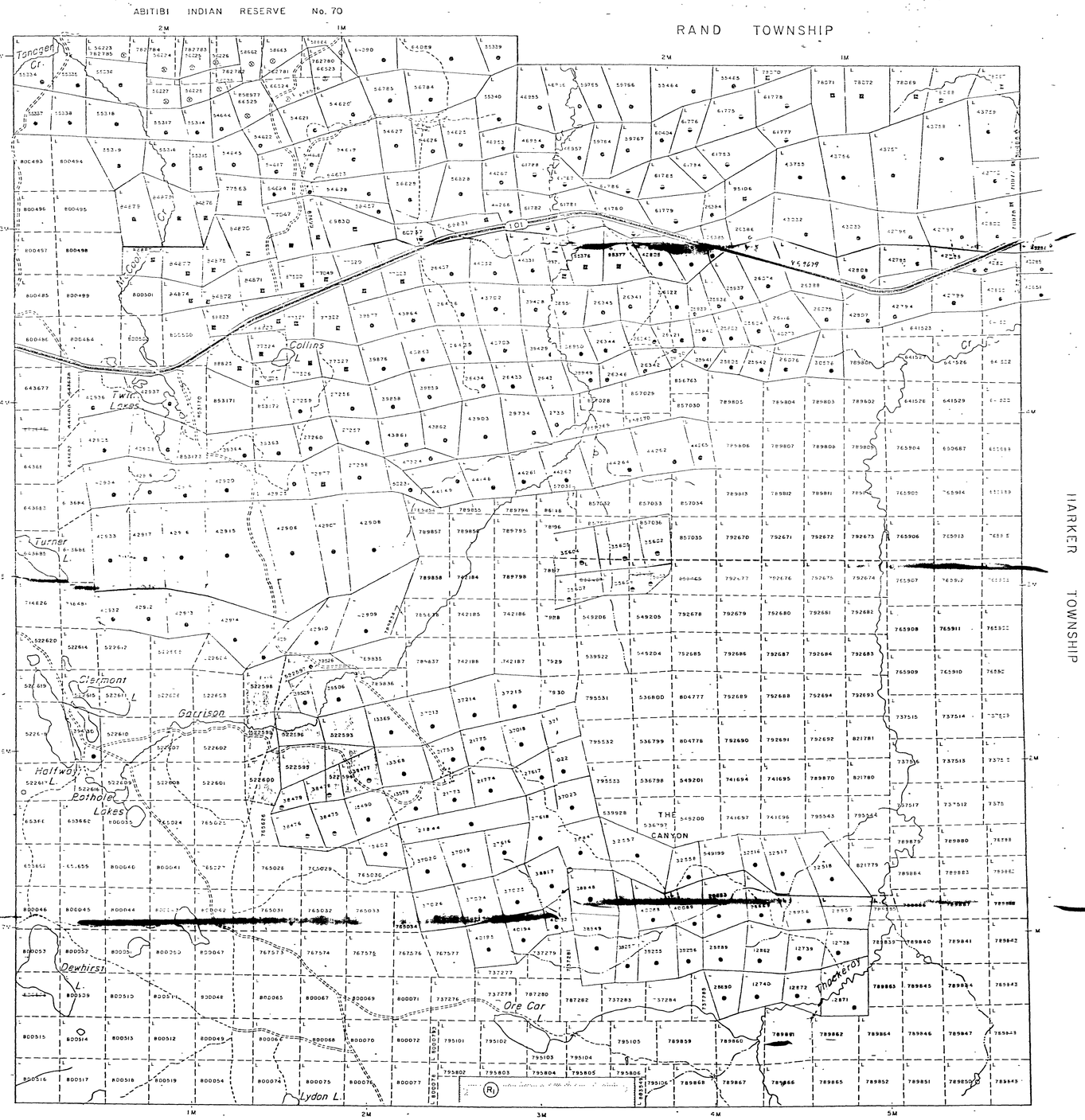
Claim Map
Garrison Township


L. 522596
L. 522593
L. 522594
L. 522595
L. 38477
S.R.O. (P)
L. 38478
S.R.O. (P)
SURVEYED LINE
N
83-2
83-1
83-3
HV-12
HV-11
HV-9
HV-10
HV-8
HV-7
HV-2,2A
HV-1,1A
HV-3
HV-4
HV-6
HV-5
18
LEGEND
FEET
WINTEROAD RESOURCES
GARRISON TOWNSHIP PROPERTY
PLAN OF
DIAMOND DRILL HOLES
BY: A.C.A. HOWE INTERNATIONAL LTD.
DATE Nov 1986
FIGURE Nº

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
Sec 36/P.S.C./90. N.R.# 62,63		2/12,63	S.R. & M.R.	



LEGEND

HIGHWAY AND ROUTE No
OTHER ROADS
TRAILS
SURVEYED LINES.
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS PARCELS ETC
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER IN COUNCIL	OC
RESERVATION	R
CANCELLED	C
SAND & GRAVEL	S

NOTE MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S.O. 1970 CHAP. 380 SEC. 63 SUBSEC. 1

500 0 1000 Metres
10 0 10 20 30 40 50 60 70 Chains
500 0 1000 2000 3000 4000 5000 Feet

SCALE 1:20 000

OCT 31 1995

TOWNSHIP
GARRISON

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
COCHRANE

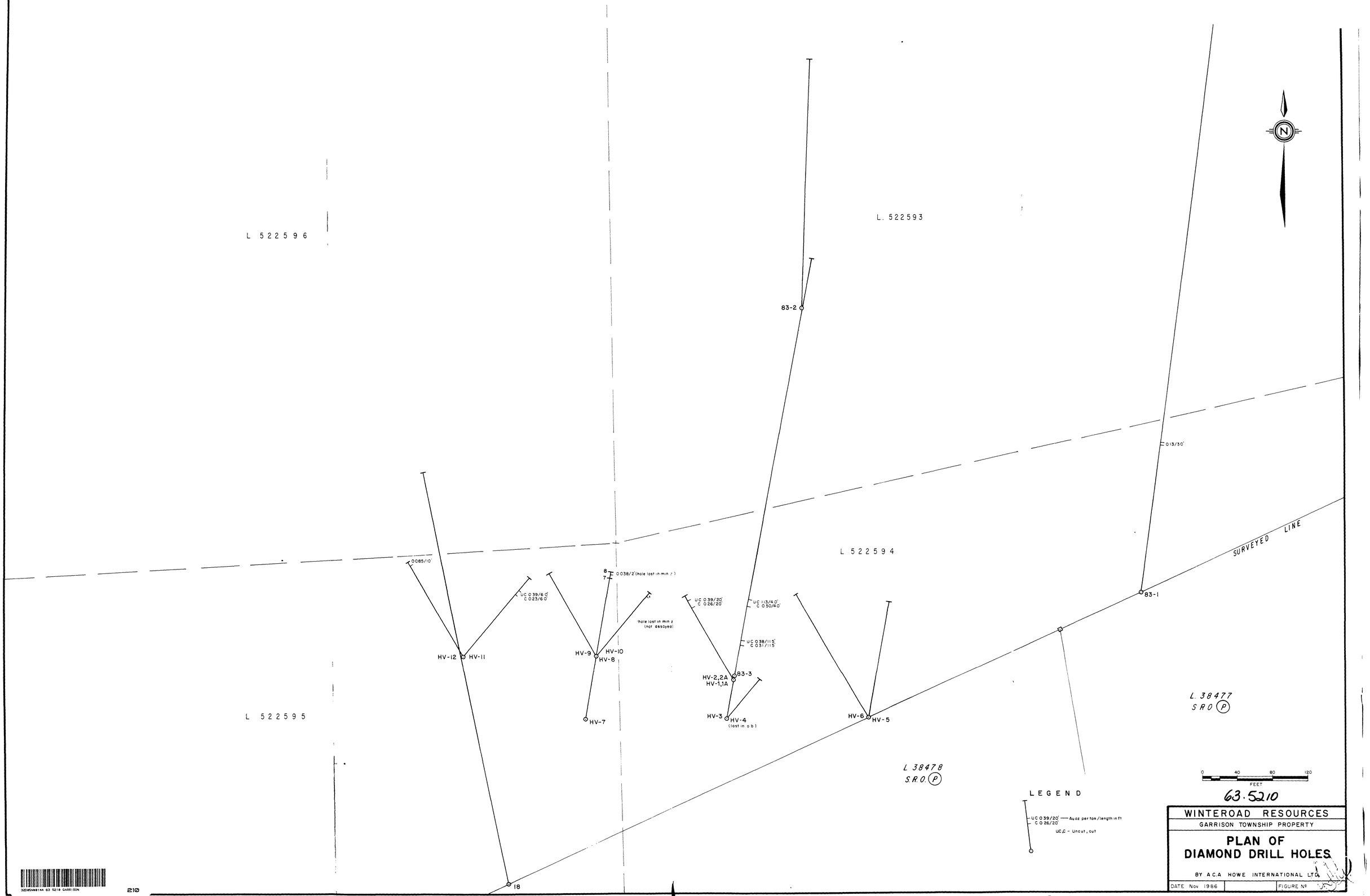
Ontario — Ministry of Natural Resources — Ministry of Northern Development and Mines

Date SEPTEMBER, 1986 — Number G-3638

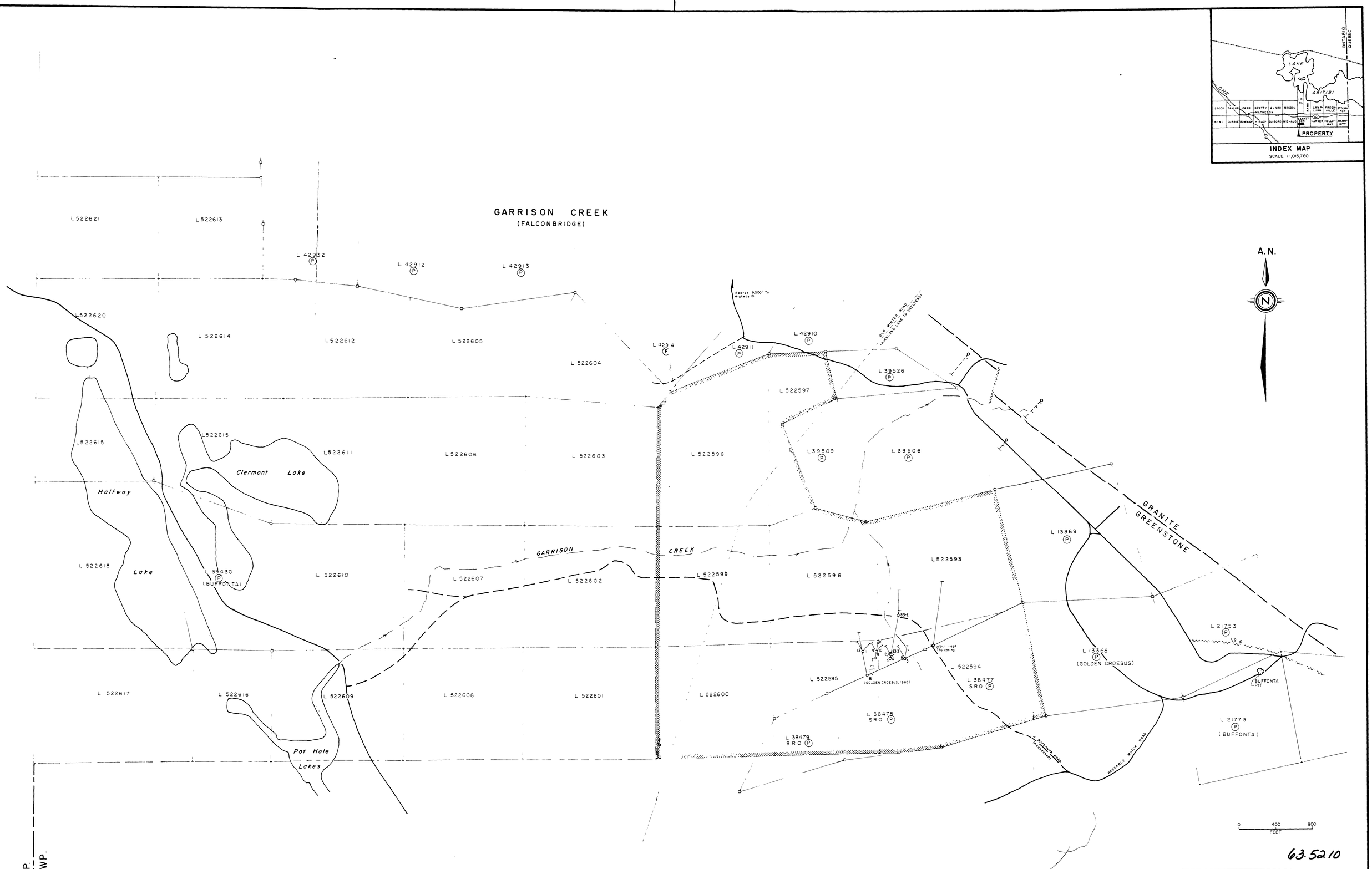
63.5210

G-3638

OM86-6-P-165


L 522596
L. 522593
83-2
013/30'
L 522594
SURVEYED LINE
0085/10'
UC 039/6 d
C 023/60
8
7
0038/2' (hole lost in min z)
hole lost in min z
(not assayed)
UC 039/20'
C 026/20
UC 113/40'
C 050/40'
UC 038/115'
C 031/115'
83-1
HV-12
HV-11
HV-9
HV-10
HV-8
HV-7
HV-2,2A
HV-1,1A
83-3
HV-3
HV-4
(lost in o b)
HV-6
HV-5
L 522595
L. 38477
S R O
L 38478
S.R.O.
18
LEGEND
UC 039/20' — Au oz per ton / length in ft
C 026/20
UC, C - Uncut, cut
0 40 80 120
FEET
63.5210
WINTEROAD RESOURCES
GARRISON TOWNSHIP PROPERTY
PLAN OF
DIAMOND DRILL HOLES
BY A.C.A HOWE INTERNATIONAL LTD.
DATE Nov 1986
FIGURE Nº
210
32D05NW0144 63.5210 GARRISON

OM86-6-P-165



63.5210

NOTE All drill holes prefix by HV, except 83 and 18 holes

NOTE Traced from map by W Hammerstrom July, 1983

WINTEROAD RESOURCES

GARRISON TWP.-LIGHTNING RIVER AREA, ONT.

COMPILATION MAP

BY: A.C.A. HOWE INTERNATIONAL LTD.

DATE Nov 1986 | FIGURE Nº

220

OM86-6-P-165