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REPORT ON THE
DIAMOND DRILLING PROGRAM
ON THE ULTREX PETROLEUM LIMITED PROPERTY
HORWOOD LAKE AREA , ONTARIO

OM85-74

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Val d'Or, Québec

N. A. M. E.

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No. 1	DDH	HW-85-1
No. 2	DDH	HW-85-2
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REPORT ON THE DIAMOND DRILLING PROGRAM ON THE ULTREX PETROLEUM LIMITED PROPERTY HORWOOD LAKE AREA, ONTARIO

SUMMARY

During the period from September 29, 1985 to October 22, 1985 a diamond drilling program was conducted on the Ultrex Petroleum Ltd. property in Horwood Township, Ontario. Five holes totalling 1742 feet were drilled on the property. The target areas for the diamond drilling were selected based on geophysical exploration work carried out by H. Ferderber Geophysics Ltd. of Val d'Or, Québec. The geophysical surveys were conducted from August 2, 1985 to August 20, 1985.

The results of the diamond drilling program were not at all encouraging and are described in the following report.

INTRODUCTION

From September 29, 1985 to October 22, 1985 a phase II diamond drilling program was conducted on the Ultrex Petroleum Ltd property in Horwood Twp., Ontario. Previous work done by H. Ferderber Geophysics Ltd. included magnetic, VLF-EM (very low frequency-electromagnetic), I.P. (Induced Polarization) and geological surveys. The references for this report can be found in the bibliography at the end of this report.

Diamond drilling was conducted by Herbert Funk Diamond Drilling Ltd. of Wawa, Ontario. The drilling program was supervised by the author and the core was also logged and split by the author.

None of the results are encouraging and the gold potential of the claim group appears quite poor. The drill hole locations are plotted on the compilation map which can be seen in figure 4. Accompanying this report are vertical drill hole sections, maps, assay results and drill logs.

PROPERTY DESCRIPTION

The property is moderately forested with stands of mature poplar mature red pine, white birch, cedar and black spruce. In a few areas there is a thick concentration of second growth and alders. A lot of deadfull can be found locally due to heavy winds. The topography is gentle with relief not exceeding 30 meters (100 feet). An intermittent creek surrounded by cedar and alder swamp bisects the property in an east-west direction . The property is generally well drained except for a few low-lying alder-cedar swamps. Water is available from Horwood Lake.

PROPERTY LOCATION AND ACCESS

The twelve claim group of Ultrex Petroleum Ltd. (Figure 1) is located approximately 80 km (50 miles) southwest of Timmins, Ontario, or 20 km (14 miles) southeast of Foleyet (Figure 2).

The property can be reached by taking the Trans Canada highway (101) until a North-South gravel road (616) which leads to Wades Camp (Northwest Shore of Lake Horwood). An 8½ mile boat ride across Horwood Lake leads to the property. Boat rentals are available at Wades' camp. The property can also be reached via ski/float plane from Foleyet or Timmins.

The C.N.R. passes within 16 km (10 miles) northeast of the property and a short gravel road runs from the siding at Horwood Station to the north end of Hardiman Bay on Horwood Lake. A new highway is under construction from the Trans Canada, just east of Foleyet, south through Horwood Township, west of the Lake.

Accommadation is available at Wades' outpost located just 3.5 km (2 miles) from the property. Supplies and services are readily available in Timmins and Foleyet.

Outcrop exposure is fairly good with approximately 20% of the property exposed. Overburden cover is relatively thin with quite a bit of bedrock covered by only a thin layer of sphagnum moss. The soil and till is composed of clay and fine-grained sand with zones of well rounded pebbles and boulders.

PREVIOUS WORK PERFORMED

The Horwood Lake area has been the focus of mineral exploration and mapping since the early 1900's. Initial government geological mapping started in 1899 and at least 6 more geological surveys have been carried out since then, ending with Breaks survey in 1978. Prospecting and mineral exploration has been carried on in the Horwood Lake area since 1916 when prospectors staked a few claims in a search for gold and copper. Gold has been the element of principal exploration interest but also a limited amount of exploration for base metal and molybdenum has been performed.

Numerous significant gold occurrences and discoveries have been found in the area. The past exploration work carried out on the Ultrex Property and a brief history of gold exploration and discovery in Horwood Township will be discussed in this section of the report.

The closest gold discovery to the Ultrex Property was made in 1918 by Tom Jessup on the east shore of Horwood Lake adjoining the present Ultrex ground. This was one of the earliest and more significant gold discoveries in the area. In 1928-1929 Nipissing Mining Co. Ltd. optioned the 12 claim property from the Jessop-Sperry Group. They stripped, blasted and channel sampled a narrow northwest trending mineralized gold bearing quartz vein associated with a small shear zone. The vein was traced for a strike length of 96 feet. By channel sampling every 5 feet a grade of 0.54 oz/ton Au over an average width of 1.94 feet was obtained. Two test pits were sunk on claim 9807 giving good gold results of 7.23 and 0.63 oz/ton over widths of 1.19 and 3.1 feet and lengths 9 and 16 feet, respectively.

This original showing was flooded by approximately 15 feet of water in 1927 when the Spruce Falls Pulp and Paper Company Ltd. constructed a dam at the inlet of Groundhog Lake. This flooding temporarily halted exploration.

In 1934-1935 Groundhog Gold Mines acquired the property. Additional claims staked (Figure 3), including the present day Ultrex claims. Stripping and drilling was started by Groundhog Gold Mines and completed in 1936 by Hollinger Consolidated Gold Mines Ltd.

From February to June, 1947, 8000 feet of shallow (less than the 250 foot horizon) diamond drilling was carried out mainly on claims 9806 and 9807. This program was designed to explore the original showing which was still under 15 feet of water. The strike length of the quartz vein was extended (Figure 3) to 1000 feet, averaging 0.31 oz Au/ton over 3.4 feet. The gold was in a zone of quartz stringers,within chloritic andesite which contains pyrite, chalcopyrite and pyrrhotite mineralization. The drilling also outlined a shear zone located just south of the main vein under the lake. The shear seemed to be related to the mineralization although no commercial values were found in the shear itself. The vein was found to be cut off by the shear suggesting a possible later movement with the vein being faulted below the shear.

H.J. Logan geologically mapped the Groundhog property in the summer and fall of 1947, which includes the present day Ultrex Property. He attempted to trace the shear associated with the quartz veining, but it couldn't be traced inland due to overburden. Part of his map is reproduced in Figure 4. It shows the shear possibly

extending southeast on to Ultrex property. Logan (1947) concludes that the mineralization and widespread fracturing of the rock along the lakeshore was caused by a disturbance/break in the lake. No significant gold values were reported in the mapping program but a fairly wide carbonate zone was found in the northeast corner of claim 40206 (east end of Ultrex claim 749472). Logan recommended further drilling to probe the vein to the 500 foot level and completing a magnetometer survey to trace the strike of the vein. The magnetometer survey was carried out across the vein in March - April 1948. The survey failed to trace any northwest and southeast extensions of the vein. The claim group was later reduced to 4 patented claims (Figure 3). No work has been reported on the Groundhog property since a 1950 field examination by N. Hogg, the resident geologist in Timmins at the time.

In 1972 Ameranium Mines Ltd. conducted geophysical surveys over ground that now includes the southernmost Ultrex claims (Figure 4). A vertical loop dip angle electromagnetic survey was carried out over land and a fluxgate magnetometer was conducted over the water using a canoe. No conductors or anomalies were delineated by the geophysical surveys and Ameranium let the property lapse.

A chalcopyrite showing had earlier been reported by Laird (1935), Figure , on the Ameranium Property in the vicinity of a pyrite showing located on Map 748, (Breaks and Milne, 1972) and Map 2329, Figure 3, (Breaks, 1978). This showing probably lies one claim south of the southern boundary of the Ultrex Property. Unconfirmed reports suggest that the property just south of Ultrex has been drilled in the past and visible gold was found in the core.

In 1984 D. Hillier of Ingamar Explorations Ltd. conducted geological mapping and prospecting over a flagged grid established on the Ultrex Property. Numerous narrow quartz veins were located

and sampled, but no assay results were reported. More mapping, prospecting and geophysical surveying was recommended. The flagged lines are still visible.

Some of the more significant gold discoveries in the Horwood Lake area as compiled by Breaks (1978), Harding (1937) and Gordon et al (1979) are located in Figure and are briefly discussed in the following pages. Many different names have been given to the showings in the past and most of them will be used in this report.

1) Ajax (Jacobs) Occurrence

In 1935 and 1936 W.A. Jacobs staked 10 claims, 2 miles south of the Ultrex Property. Horwood Exploration Syndicate trenched an exposed mineralization quartz-carbonate vein, striking N20^{o}W across a mafic flow.

Ajax Minerals Ltd. in 1961 mapped 27 claims over the occurence in an attempt to locate gold mineralization within quartz veining/shear zones. No economic mineralization was encountered.

2) Groundhog Gold Mines (Charlebois)

Already discussed previously.

3) Deburmac Occurrence

Two miles south of the Ultrex Property surface sampling in 1946 produced assays of 0.40 oz/ton gold over 3.5 feet in a narrow east to southeast trending, steeply dipping, mineralized quartz vein. At least 2778 feet of diamond drilling was then completed.

4) Donalda Mines Ltd. and
7) Liberator Prospecting Sydicate (Gifford Prospect)

The Gifford prospect (3.5 miles) south of Ultrex Petroleum was first staked in 1933. Trenching and further staking was carried

out by Connell Mining and Exploration Co. Ltd. and by C.G. Gifford for the Maramo Gold Syndicate. A sulphide bearing shear zone containing quartz lenses was traced intermittently for 2000 feet at widths of up to 100 feet. In 1936 and 1937 surface sampling of the trenches by Prospectors Airways Co. Ltd. and Teck-Hughes Gold Mines Ltd. in 1937 produced high erratic gold values (0.02. to 3.49 oz/ton over 26 and 9 inches, respectively.

Donalda Mines Ltd. restaked the property as a part of a 12 claim group and carried out a combined electromagnetic/magnetic survey. In 1973 the property was restaked by Proto Explorations and Holdings Inc. and an electromagnetic survey was performed.

5) Hardiman Mines Ltd. (Landry Prospect)

In 1933 H. Landry staked ground 4 miles southwest of the Ultrex Property. A program of trenching was completed the same year.

Hardiman Mines Ltd. performed a ground magnetometer survey over the property in 1963. A total of 2,196 feet was drilled to test the magnetic anomalies. A chip sample of a network of quartz stringers containing pyrite, carbonate and gold assayed 0.38 oz/ton gold over 4.0 feet. In 1965 Sulmac Exploration Services Ltd. conducted magnetic and geological surveys over the southern part of the claim group.

6) Smith-Thorne Mine (Mrs. F. Lefever and J. Lefever Jr.)

In 1933 gold was discovered in a massive quartz vein, 3 miles south of the Ultrex property. Channel sampling assayed 0.75 oz/ton gold over 30 inches for a strike length of 60 feet. In 1935 after surface exploration, an inclined shaft was sunk to 570 feet and 3 levels were excavated by Hollinger Consolidated Gold Mines Ltd.. Small tonages with good gold values (0.02 to 0.85 oz/ton) were obtained in small lenses. Tionaga Gold Mines Ltd. deepened the shaft in 1938 to 731 feet and opened 2 more levels. A 50 ton

amalgamation mill was constructed on the property and 6,653 tons of ore was processed producing 2299 oz of gold (grading 0.35 oz/ton) and 404 oz of silver. Since May 1939 the property has been dormant.

8) J.E. Lefever - Kerr Addison Gold Mines Ltd.

Two miles north of the Ultrex Property a number of gold-copper showings were found extending from Blueberry Island inland for 1 mile. The occurrences were staked by P.H. Silams in 1935.

The Main showing (8a in Figure 3) located on a former island, southeast of Blueberry Island is now covered by 15 feet of water. Extensive trenching and sampling followed by diamond drilling was conducted by J.E. Lefever in 1948 to 1959. In 1960 Kerr Addison drilled 4137 feet. A vein system 250 feet in length and 150 feet deep contained 0.43 to 3.46 oz/ton gold and nil to 0.80 oz/ton silver at widths of 4 to 20 inches. A later magnetometer survey failed to outline east-west extensions of this mineralized zone.

The Stack vein (8b) located on land 1 mile east of Blueberry Island was blasted and sampled (up to 0.30 oz/ton gold in a chip sample) between 1936 and 1950. Kerr Addison later drilled 3 holes (764 feet) along a 200 foot strike length of a quartz-carbonate vein containing disseminated to massive pyrite, chalcopyrite and pyrrhotite. This vein was in mafic metavolcanic rock and diorite. Low gold and silver values were obtained.

9) Orofino Mines Ltd.

The most important gold discovery in the area is the Orofino Mine, which is scheduled to go into production in the near future. This mine is located 5 miles southwest of the Ultrex Property, near the Silk-Horwood Township boundary.

The property was staked in 1933 after visible gold was discovered. Since then a great deal of exploration has been carried out.

1935: Trenching, channel sampling and 4800 feet of diamond drilling was performed by Hollinger Consolidated Mines Ltd.

1945-1946: Stripping and trenching was followed by diamond drilling. Orofino Mines Ltd. established mineralization to a depth of 200 feet over a strike length of 700 feet.

1947-1949: A 3 compartment shaft was sunk to a depth of 306 feet and two levels were excavated. 1500 feet of surface diamond drilling was completed.

1950-1951: Lateral exploration totalling 3381 feet of drifting, 1,292 feet of cross cutting and 78 feet of raising plus 21,112 feet of diamond drilling was carried out.

1962-1963: Several holes were drilled.

In 1978 ore reserves were placed at 105,000 tons, averaging 0.27 oz/ton gold. Exploration and development is presently being performed by the Northgate Group.

The gold mineralization is contained in a east-west striking quartz vein system located in an elongated metagabbroic pluton, similar to the intrusion located on the Ultrex Property. This mineralization seems to be structurally controlled. It follows two major fracture sets and a shear zone which may be related to the Hardiman Bay fault. The veining is comprised of a system of irregular quartz stringers and well defined quartz-calcite veins. Massive and disseminated pyrite is the most abundant sulphide

mineral. Small amounts of pyrhotite, chalcopyrite, galena, sphalerite and arsenopyrite have also been found. Carbonatized metavolcanic zones located adjacent to the matagabbro are found to contain good gold values. Associated within this alteration zone is highly disseminated pyrite. (J.C. Ireland, Economic Geologist, M.N.R. pers. comm.).

10) Queensway Mines Ltd. (Labbe Prospect)

In 1936 A. Jerome and W. Labbe trenched and then drilled a 90 foot hole on ground 4 miles northeast of the Ultrex Property. Gor-Smith Gold Syndicate Ltd. trenched in 1951 and drilled 119 feet. One year later Horlak Mines Ltd. drilled 1043 feet in 17 shallow holes. Queensbury Mines Ltd. then trenched the prospect. This was followed by 4,247 feet of diamond drilling which located 3 mineralized shear zones in feldspar-porphyry dykes and quartz veins in diorite. Good gold values were obtained:

ZONE	STRIKE LENGTH (Feet)	WIDTH (Feet)	AVERAGE GRADE (oz/ton Au)
1	250	3.0	0.51
2	200	1.7	0.25
3	222	unknown	0.31

11) Radiant Exploration Ltd.

In 1947 4 diamond drill holes (2,448 feet) were drilled on property bordering Orofino's northern boundary. Low gold values were obtained.

12) O'Neil Occurrence

One mile northwest of the Ultrex Property on Pinecone Point, O'Neil Gold Prospecting syndicate performed surface work in 1933-1936. Atom Gold Mines Ltd. trenched a quartz vein in pillow lavas in 1945. Grab samples of vein material containing pyrite and chalcopyrite yielded some gold values.

13) Marsh Island

In recent years on Marsh Island in Horwood Lake (3 miles north of Ultrex) a series of gold showings in a metagabbroic intrusion was tested by geophysics and diamond drilling. This intrusion is similar to the metagabbro body located on the Ultrex Property.

GENERAL GEOLOGY

The claim group is situated within a generally east-west trending metavolcanic-metasedimentary - metagabbroic belt known as the Swayze greenstone belt (Figure 3) (Goodwin 1965). All the bedrock in the area is Early Precambrian except for some late diabase dikes Jet - black mafic metavolcanics predominate and are intercalated with minor felsic metavolcanics which form the oldest group of rocks.

Pretectonic mafic to ultramafic intrusives transect the metavolcanic rocks and are believed to be consanguineous with Early Precambrian mafic volcanism. The Hardiman bay pluton is situated approximately 5 km (3 miles) to the southeast and is a foliated trondhjemite rock. The Horwood Peninsula pluton is situated approximately one mile to the Northeast and is a biotite-hornblende-quartz diorite. Numerous quartz - feldspar porphyries can also be found in the area which may represent a hypabyssal phase of the early syntectonic trondhjemitic plutonic complexes.

The rocks in the area have been subject to greenschist facies metamorphism and locally becomes epidote - almandite amphibolite grade within contact metamorphic zones surrounding intrusive bodies. The table of lithologic units of the Horwood Lake area can be seen in table 1 (F. W. Breaks 1978).

HW-85-4 A 32½ foot wide fracture zone containing a good proportion of blocky core was intersected from 111,5' to 144'. Only subordinate pyrite and local carbonitized zones were found. A diorite intrusive was intersected from 70,8 to 74,2 and 194,2 to 228,7. A weak IP response was discovered at surface on L44E at 24 N. This anomalous IP zone appears to be spatially related to this intrusive.

HW-85-5 This hole was drilled to intersect a quartz - vein found on surface located at 24+40N / 28+75E. The quartz vein has a strike length of 30 ft and a width of 8 inches to 3 feet. The quartz is heterogeneous in nature and is milky white to gray (fractured). The vein is situated at a contact between the intermediate volcanic and the metagabbroic intrusion. The vein was not intersected in the fifth drill hole although a highly sheared zone was found from 63' to 127', mineralized with py (3-5% ave.). Only NIL was returned.

CONCLUSIONS AND RECOMMENDATIONS

The diamond drilling program conducted by N.A.M.E. Corporation was successful in assessing the gold potential of the Ultrex Petroleum Ltd. property in Horwood Township. No encouraging gold values were returned from any of the five drill holes completed. Interesting alteration patterns which seem to be associated with contact metamorphic zones were discovered.

The geophysical survey conducted by H. Ferderber Geophysics Ltd. outlined anomalous zones indicative of shears fractures and faults with associated sulphide mineralization. The diamond drilling targets were based mainly on the results of this survey. The main targets were selected mainly by the IP results which proved to be very accurate.

In my opinion, no further exploration work should be carried out over the property due to the poor results obtained by the diamond drilling program.

Respectfully Submitted,

N.A.M.E. Val d'Or Ltd.

Joel Scodnick, BSc.
Project Geologist

DIAMOND DRILL RECORD

PROPERTY HORWOOD LAKE - ULTREX PETROLEUM LTD. **HOLE NO.** HW - 85-1

SHEET NUMBER	1 of 5	**SECTION FROM**	- TO -	**STARTED**	Sept 29/85
LATITUDE	42 + 00N	**DATUM**	-	**COMPLETED**	Oct 3/85
DEPARTURE	28 + 60E	**BEARING**	210° Az.	**ULTIMATE DEPTH**	360'
ELEVATION	-	**DIP**	Collar -50°, 150' - 46°, 360' - 45°	**PROPOSED DEPTH**	350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 24.0	OVERBURDEN				
24.0 - 47.8	Mafic Metavolcanic (Basalt) Very dark green to black and fine grained transected by very thin (1 mm wide) Qz and carbonate stringers. Very homogeneous section with 1% Py cubes disseminated throughout. Poorly developed schistosity and massive. Amygdaloidal. Amygdules are infilled with Qz and carbonate and sulfides (py with subordinate Po.)				
	37,3 - 37,7 Local shear zone with 10-15% Py. Po and 1-2% Py. siliceous and chloritic section.	2501	0.4	NIL	
47,8 - 73,2	INTERMEDIATE TO MAFIC Metavolcanic(Andesite) - moderate green, transected by 5-7% Qz + Carbonate stringers. Local shearing and brecciation, blocky core.				
	47,8 - 52,8 Blocky core, Silicified and carbonatized. Py. to 2%. At 50.2 ' there is a 1" wide band of breccia(Fault Zone).	2502	5.0	0.002	
	54-54.3 3-4% Py, Po. Intensely silicified and chloritized section.	2503	0.3	NIL	
	68,2 - 73,2 (5% Amygdules infilled with carbonate and pyrite.	2504	5.0	NIL	

DRILLED BY HERBERT FUNK DIAMOND DRILLING SIGNED

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. HM-85-1

SHEET NUMBER 2 of 5 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	Highly altered in local patches. From 70.3 to 70.6 ~ 5% Py,							
	73.0 - 73.2 ~ 10-12% Py.							
	Gradual contact with underlying volcanic rock.							
73.2 - 113	Mafic Metavolcanic - same as 24.0 - 47.8. 103-128 Very blocky							
	79.4 - 80.0 QV with chlorite fragments, barren	2505	0.6	0.002				
	89.7-90.6 QV (70%), 3-5% Py, milky white quartz with chlorite wisps	2506	0.9	NIL				
113 - 124	INTERMEDIATE TO MAFIC METAVOLCANIC - SHEAR ZONE							
	Moderate to intense shearing. 10-15% Qz + Carbonate veins (barren). 2-3% Py. throughout shear zone.							
	113-115 Intense alteration (carbonatized). Py to 2%	2507	2.0	NIL				
	120 - 122.6 - Moderate to intense alteration 1-2% Py	2508	2.6	0.002				
124-165	Mafic Metavolcanic - same as 24.0 - 47.8. Jet black color, <1%							
	highly dissemninated pyrite throughout. 2-3% stringers. Massive							

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. HW - 85 - 1

SHEET NUMBER 3 of 5 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	148.2 - 153.5 - 2% py blebs associated with amygdules as a rim replacement.	2509	5.0	NIL				
165 - 200	INTERMEDIATE TO Mafic Metavolcanic - moderate to dark green color. Highly amygdaloidal from 183.5 - 185.6 (10-15%) infilled with carbonate and sulphides (Po. Py)							
	164,8 - 167,1 3-4% sulphide lenses in veins (10%)	2514	2.3	NIL				
	173.0-174.8 5% sulphides PY, PO, Cp 1" wide massive sulphide lens at 174.2 comprised of Py, Po, Cp. Ankerite noted.	2510	1.8	0.01				
	183.5-185.6 Subordinate pyrite infilling amygdules. Homogeneous section. Sharp upper andd lower contacts. Variegated.	2511	2.1	0.005				
	188.7 -191.0 as above	2512	2.3	NIL				
200-230.5	MAFIC Metavolcanic - same as 24.0-47.8							
	217.5-218.5 Qz-Carbonate vein with massive sulphides at 217.8 (½" wide).							
230.5-274.8	QUARTZ PORPHYRY - light to medium gray and fine - medium grained HOMOGENEOUS, QUARTZ phenocrysts (5-7%) predominate throughout.							

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. HM-85-1

SHEET NUMBER 4 of 5 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	Subordinate pyrite to 1% highly disseminated. Very sharp upper and lower contacts. 6" of breccia at upper contacts. 1-2% stringers. Banding is evident from 246-247. at 46° to C.A.							
	270-275	2515	5.0	NIL				
274.8-360.0	MAFIC METAVOLCANIC (Basalt) - Jet black and fine grained. Transected by very thin (1 mm wide) Quartz and carbonate stringers. Very homogeneous section. Mineralized at upper contact starting at 281'. Narrow discontinuous lenses of massive sulphides (Py, Po, Cp).							
	279.8-281 1% sulphides	2516	1.2	NIL				
	281-282.3 12-15% Po, 2-3% Cp, 2-3% Py. Highly altered section of mafic metavolcanic (chloritized), brecciated. FAULT ZONE. Qz Carbonate veins. Sulphides are localized within and surrounding veins.	2517	1.3	0.002				
	282.3-287.3 2-3% Py, Cp, Po, as above	2518	5.0	0.002				
	287.3-292.3 as above	2519	5.0	NIL				

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** HM-85-1

SHEET NUMBER 5 of 5 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	292.3-297.3 Light greenish gray	2520	5.0	NIL				
	moderately fractured. Qv (5%) is highly fractured. 3% Py, Po, Cp							
	from 287.3 to 324.0 the rock is extremely silicified and moderate-							
	ly to highly fractured.							
	304.3-308.1 same as 287.3 to 292.3	2521	3.8	NIL				
	311.5-316.5 Qv (40%), fractured, 2-3% sulphides	2522	5,0	0.002				
	316.5-321.5 QV (30-35%) as above	2523	5,0	0.002				
	321.5-327.3 QV (5-8%) as above	2524	5.8	NIL				
	353-354.1 blue Qz, 1% sulphides (Py, Po, Cp)	2525	1.1	NIL				
	356.6-358.4 as above	2526	1.8	0.002				
360.0	END OF HOLE. CORE STORED at drill site location on claim #749478							
	CASING PULLED.							

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY ULTREX PETROLEUM-HORWOOD LAKE **HOLE NO.** HW-85-2

SHEET NUMBER 1 of 3 | SECTION FROM - TO - | STARTED October 4

LATITUDE 24 + 00N | DATUM - | COMPLETED October 7/85

DEPARTURE 30 + 50E | BEARING 146° Az. | ULTIMATE DEPTH 369

ELEVATION - | DIP Collar -45°, 150' - 45°, 369' - 45° | PROPOSED DEPTH 350

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-83	OVERBURDEN				
83-228.5	INTERMEDIATE Metavolcanic (Andesite) - Medium green and fine grained. Very homogeneous section. MASSIVE. Poorly to moderately developed schistosity. Quartz and Carbonate veinlets and stringers transect the core at various angles. Locally sheared and brecciated. Very sharp contact with underlying differentiated volcanic rock. Very poorly developed lamination in places. Quartz vein from 84' to 86' highly fractured and deformed.(Gray Quartz). Lamination at 58° to C.A. at 90'. From 83-132 The rock is sheared and tuffaceous and contains more pyrite (up to 3% locally) than the rest of the section. Pyrite crystals vary in size from<1 mm-3 mm with good cubic form. Quartz veins are found at 84.7 - 85.8, 111.5-112.2, 113-113.1, 120.2-121.4, Average stringer contents is 7%.				
	84-86 - Quartz vein(60%) minor py.	2530	2.0	NIL	
	88.3-93.3 - PY to 2%	2531	5.0	NIL	
	96.2 - 101.2 - Sheared moderately, Py to 3%, blocky core from 100 to 100.3.	2532	5.0	0.002	
	111.3 - 113.2 - Quartz Vein + Fragments (30%).	2533	1.9	NIL	
	113.3 - 118.2 - blocky core from 115-116.2. intensely sheared	2534	5.0	NIL	

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DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** HW - 85 - 2

SHEET NUMBER 2 of 3 **SECTION FROM** _____ **TO** _____ **STARTED** _____

LATITUDE _____ **DATUM** _____ **COMPLETED** _____

DEPARTURE _____ **BEARING** _____ **ULTIMATE DEPTH** _____

ELEVATION _____ **DIP** _____ **PROPOSED DEPTH** _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	118.2 - 123.2 - Quartz Vein + Carbonate veins 30%, brecciated	2535	5.0	NIL				
	123.2 - 127.5 - 15-20% stringers , brecciated	2536	4.3	NIL				
	131 - 132 - as above	2537	1.0	NIL				
	157 - 160 - intensely fractured + brecciated	2538	3.0	NIL				
	169 - 174 - Py to 2%, 10% veinlets	2539	5.0	NIL				
	174 - 179 - " " "	2540	5.0	NIL				
228.5 - 265.3	INTERMEDIATE METAVOLCANIC TUFF (Andesite Tuff)							
	Medium green color, massive, <1% stringers <1% Py. Sharp upper							
	and lower contacts							
265.3 - 349	INTERMEDIATE METAVOLCANIC (Andesite) Medium green and fine grained							
	very localized shearing.							
	7-10% stringers throughout - Minor disseminated pyrite (<1%)							
	throughout section. Quartz Vein's from 287.7-289, 338.5 - 341							
	(80-85%). Homogeneous section. Brecciated locally at 320-323,							
	329-335, 343.7 - 349. Sharp lower contact.							
	278.7 - 281.5 - Subordinate Py.	2542	2.8	NIL				
	287.5 - 289 - Quartz Vein (90%).	2543	1.5	NIL				
	329 - 334 - highly fractured, Minor Py.	2544	5.0	NIL				

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DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. HM - 85 - 2

SHEET NUMBER 3 of 3 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	338.5 - 341 - Moderately - highly sheared, Quartz Vein(60%),	2545	2.5	NIL			
	minor Py						
	344-349 as above	2546	5.0	NIL			
349 - 369	INTERMEDIATE METAVOLCANIC TUFF (Andesite Tuff). As described						
	previously						
	352.6 - 353.4 1-2% Py, Secondary on slickensides	2547	0.8	NIL			
369.0	END OF HOLE, CASING PULLED. CORE STORED at drill site location						
	on claim # 749477.						

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DIAMOND DRILL RECORD

PROPERTY ULTREX PETROLEUM - HORWOOD LAKE **HOLE NO.** HW-85-3

SHEET NUMBER 1 of 2 SECTION FROM - TO - STARTED Oct. 8/85

LATITUDE 13 + 15N DATUM - COMPLETED Oct 11/85

DEPARTURE 40 + 00E BEARING 167° Az ULTIMATE DEPTH 356'

ELEVATION - DIP Collar -50° 150' - 44° 359' 42.5° PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-10	OVERBURDEN				
10-49.3	METAGABBRO- Dark green and medium grained ; Equigranular and very homogeneous, <1% highly dissemninated pyrite (< 1mm in size). Massive appearance. Flow fabric 45° to C.A. is seen throughout section. Gradual contact with underlying altered section 1-2% carbonate stringers with some Qz.				
49.3 - 63.0	Altered Metagabbro - carbonatized section. Light to medium gray color and same characteristics as above unit. From 48.5 - 49.3 Carbonate vein, with chloritized fragments.				
	48.5 - 53.5 -	2548	5.0	0.002	
	53.5 - 58.5	2549	5.0	NIL	
63.0 - 356.0	METAGABBRO- Same as 10 - 49.3				
	111.4 - 116.4 Slightly carbonated with 1-2% Py	2550	5.0	NIL	
	Discontinuous and continuous Shear Zones are located from 263.3 to 305.1. Ave Py Content is 3%, disseminated.				
	263.3 - 305.1 -SHEAR ZONE Weak shear zone with only 2-3% pyrite				

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DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. HM-85-3

SHEET NUMBER 2 of 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	mineralization and scattered Quartz Veins and Quartz fragments.							
	263.3 - 267.4 Silicified and carbonatized. Light greenish-gray color and highly altered.	2552	4.1	NIL				
	279.3 - 282.5 Tight S+Z folds present, sericitized and carbonatized, subordinate pyrite.	2552	3.2	0.002				
	290.6 - 295.6 Same as 263.3 - 267.4	2553	5.0	NIL				
	299.4 - 300.5 Quartz vein + fragments (35-40%) minor py. Quartz is gray + fractured	2554	1.1	NIL				
	300.5 - 305.1 - 5% Quartz + Carbonate Stringers 1-2% Py.	2555	4.6	NIL				
	From 305-1 to the end of the hole the rock is unaltered and massive as before.							
356.0	END OF HOLE. Core stored at drill site location on claim #749475. CASING PULLED.							

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DIAMOND DRILL RECORD

PROPERTY ULTREX PETROLEUM - HORWOOD LAKE, Ontario **HOLE NO.** HW-85-4

SHEET NUMBER 1 of 3 | SECTION FROM - TO - | STARTED Oct 12/85

LATITUDE <44 + 00E | DATUM - | COMPLETED Oct 17/85

DEPARTURE 26 + 25N | BEARING Az. | ULTIMATE DEPTH

ELEVATION - | DIP Collar - 50°, 276' - 46.5° | PROPOSED DEPTH 175'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
0-52.7	OVERBURDEN							
52.7 - 70.8	INTERMEDIATE METAVOLCANIC (Andesite Tuff) - Medium green and fine to medium grained. Inhomogeneous section. Core is transected by carbonate and Quartz stringers at various angles. No apparent lamination or bedding observed. <1% highly disseminated pyrite throughout. From 66.3 to 67.1 there is a narrow brecciated zone. Sharp lower contact with dyke.							
70.8 - 74.2	Diorite - Gray to greenish gray and medium grained. <1% Py. Homogeneous, Massive section.							
74.2 - 194.2	INTERMEDIATE METAVOLCANIC (Andesite) - Similar to upper Volcanic unit but more inhomogeneity found. This unit is moderately to highly altered locally. Carbonatization is the main aleration process involved. Flow fabric is evident locally indicated by mafic minerals. Poorly to moderately developed schistosity.							
	111.5 - 144 - FRACTURE ZONE Extremely Blocky core highly schistose and highly porous. Subordinate pyrite noted. From 130'-133', 1 foot of lost core, from 133-143, 10 feet of lost core although							

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DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. HW -85-4

SHEET NUMBER 2 Of 3 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	sludge recovered for assay.							
	133-138 - sludge	2556	5.0	TR				
	138-743 - "	2557	5.0	TR				
	144-149.5 - slightly sheared and carbonitized, Subordinate Py	2558	5.5	TR				
	149.5 - 152 - missing core							
	152 - 154.2 - Same as 144 - 149.5	2559	2.2	0.005				
	156.5 - 161.5 " " " "	2560	5.0	TR				
	169.6 - 171.5 " " " "	2561	1.5	0.005				
	178.3 - 181.2 Quartz + Carbonate vein (80%) subordinate Py.	2562	2.9	TR				
	highly fractured with inclusions of Volcanic fragments							
	The section is becoming more fragmental towards the lower contact							
	with the intrusive.							
194.2 - 228.7	Diorite - Medium grayish - green, and medium grained. Very							
	homogeneous. 1%-3% Carbonate stringers present Sharp contacts							
	<1% Py, highly disseminated.							
	194.2 - 196.2 Subordinate Py.	2563	2.0	TR				

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DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. HW-85-4

SHEET NUMBER 3 of 3 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	Chilled contact well visible at upper contact with volcanic unit. Grades from fine grain to contact to medium grain. Chilled zone is only 2' wide.						
228.7 - 276	~~INTERMEDIATE METAVOLCANIC (Andesite Tuff)~~ Same as 52.7 - 70.8						
	263.3 - 266 - Carbonate vein from 263.3 to 263.7. Subordinate Py.	2564	2.7	TR			
	273 - 274 From 272 - 273.5 Quartz + Carbonate vein. Barren.	2565	1.0	TR			
276.0	END OF HOLE. CASING PULLED. CORE STORED at HW-85-5 on claim #749474.						

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DIAMOND DRILL RECORD

PROPERTY ULTREX PETOLEUM - HORWOOD LAKE **HOLE NO.** HW-85-5

SHEET NUMBER 1 of 3 SECTION FROM - TO - STARTED Oct 18/85

LATITUDE 29 + 10E DATUM - COMPLETED Oct 22/85

DEPARTURE 23 + 70N BEARING 340° ULTIMATE DEPTH 381'

ELEVATION - DIP Collar - 47°, 180' - 47°, 381' - 45° PROPOSED DEPTH 431'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
0-50.5	OVERBURDEN							
50.5 - 147.5	INTERMEDIATE METAVOLCANIC (Andesite) - Medium green and fine grained grading to medium grained locally. Highly mineralized and highly sheared sections. Poorly developed laminations to massive. Shear zones are located at 63.0 - 92.0, 96.0 - 107.2, and 113.8 - 127, Broken core located at 64 - 65, 72,5 - 74.0, 82,5 - 83.6 and 100.5 - 101.6. Very in homogeneous section with varying amounts of pyrite mineralization. Increased pyrite contact is associated with shear zones. Carbonate and quartz stringers are abundant (10-15%) within shear zones. Average pyrite content throughout this section is 2-3%. Pyrite to 15% in same places. Lamination at 41° to C.A. at 84.5 at 38° to C.A. at 107.0' at 17° to C.A. at 118.0'. Lamination to C. A. changes rather abruptly around 113'. Moderately to well developed schistosity. Quartz Vein + Carbonate veins located at 54'(1"wide) 107.0' (1"wide). 98.4' - 98.8'. Very sharp contact with lower intrusive unit at 136'. Chloritized, carbonatized and silicified locally.							
	136-142.3 METAGOBBRO							
	142.3-147.5 Highly silicified Andesite, gray color and very brittle							

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DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. HM-85-5

SHEET NUMBER 2 of 3 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	subordinate py to 1%. Slightly fractured.							
	68-73 - minor py	2566	5.0	NIL				
	87.1-92.0 7-10% pyrite (are grain size 3 mm), euhedral development	2568	4.9	NIL				
	of crystals, intense shearing							
	85.2 - 87.1 3-4% Py, intensely sheared	2567	1.9	NIL				
	96.2 - 99.1 2-3 % Py. Mainly found in chloritized fragments	2569	2.9	NIL				
	in Quartz Veinlets carbonate veins.							
	102.7 - 107.2 3-4% Py, 2 small Quartz Vein's from 106.9 - 107.2	2570	4.5	NIL				
	barren milky white Quartz.							
	113.8 - 117.4 1-2% Py, intensely sheared 10-15% stringers	2571	3.6	NIL				
	117.4 - 122 3-4% Py, in small dessiminated lensoid form. Euhedral	2572	4.6					
	crystals.							
	136 - 138.7 - Metagabbro 2-3% Py	2573	2.7	NIL				
	142.3 - 147.5 - highly altered section, subordinate py.	2574	5.2	NIL				
147.5 - 381	METAGABBRO - Dark green and medium grained. HOmogeneous section.							
	Subordinate Pyrite disseminated throughout. Local zones of							
	fracturing. Silicified locally. Very sharp upper contact with							
	volcanic unit.							

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DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** HW - 85 - 5

SHEET NUMBER 3 of 3 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
	158.5 - 161.3 Xenolith (Volcanic fragment, silicified from 159.5	2575	2.8	NIL				
	- 161.0). <1% Py.							
	209.7 - 211.6 1% disseminated Py fine grain	2576	1.9	NIL				
	217.5 - 221.4 Same as above	2577	3.9	NIL				
	259.5 - 260.5 Quartz Vein + Carbonate Veins from 259.8 - 260.3	2578	1.0	NIL				
	mineralized with 2% py. gray fractured Quartz.							
	280.5 - 285.5 From 282 - 282.8 Quartz Vein + Carbonate Vein	2579	5.0	NIL				
	highly altered and fractured, chloritized and sericitized 2 other							
	small Quartz Veins+ Carbonate Veinsat 279.2 and 280, both 1" wide.							
	290.6 - 295.6 2-3% disseminated py.	2580	5.0	NIL				
	343.4 - 345 shear zone 2% Py, slightly epidotized chloritized	2581	1.6	NIL				
	+ carbonatized.							
381.0	END OF HOLE. CASING PULLED. CORE Left at drill site/location on							
	claim # 749477 .							

DRILLED BY ..... SIGNED .....

CERTIFICATE OF QUALIFICATIONS

I, Joel Scodnick, of the Town of Val d'Or, in the Province of Quebec, hereby certify:

1. That I am a Geologist with the firm of North American Mining Exploration Val d'Or Ltd., 169 Perreault Avenue, Val d'or, Quebec, J9P 2H1.

2. That I am a graduate of Concordia University in Montreal, and hold a Bachelor of Science degree in Geology.

3. That I am a graduate of Algonquin College, Ottawa, and hold a technician diploma in Electro-Mechanical Engineering technician (Drafting).

4. That I have 3 years experience in mineral exploration in Canada with 15 months experience in gold exploration in Northwestern Quebec and Northwestern Ontario.

5. That I am a member of the Canadian Institute of Mining and Metallurgy, and the Association of Geologists of Quebec.

6. That I have no interest, either direct or indirect, in the property which has been described in this report or securities of the company, nor do I expect to receive, either directly or indirectly, any interest in the propery or securities of the company.

7. That this report is based on a study of the area and reports available.

8. That permission is granted to use completely or partially for assessment and qualification requirements but not for advertising purposes.

Dated at Val d'Or this 7th day of November 1985

Joel Scodnick, B.Sc.

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ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 61250 Date: Oct. 9, 1985

Received Oct. 2, 1985 17 Samples of rock

Submitted by N.A.M.E. Corporation, Val d'Or, Quebec Att'n: Carl Sauder

per: Joel Scodnick

SAMPLE NO.	GOLD Oz./ton
2501	Nil
2502	0.002
	0.005
2503	Nil
2504	Nil
2505	0.002
2506	Nil
2507	Nil
2508	0.002
2509	Nil
2510	0.01
	0.01
2511	0.005
2512	Nil
2513	Nil
2514	Nil
2515	Nil
2516	Nil
2517	0.002

Per G. Lebel
G. Lebel, Manager

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Certificate of Analysis

Certificate No. 61307 Date: Oct. 16, 1985

Received Oct. 8, 1985 29 Samples of split core and outcrop sample

Submitted by N.A.M.E. Corporation, Val d'Or, Quebec

per: Joel Scodnick

SAMPLE NO.	GOLD Oz./ton	SILVER Oz./ton	LEAD %	ZINC %
2518	0.002			
	Nil			
2519	Nil			
2520	Nil			
2521	Nil			
2522	0.002			
2523	0.002			
2524	Nil			
2525	Nil			
2526	0.002			
	0.002			
2527	0.002	Nil	none	0.005
2528	Nil			
2529	Nil			
2530	Nil			
2531	Nil			
2532	0.002			
2533	Nil			
2534	Nil			
2535	Nil			
2536	Nil			
	Nil			
2537	Nil			
2538	Nil			
2539	Nil			
2540	Nil			
2542	Nil			
2543	Nil			
2544	Nil			
2545	Nil			
2546	Nil			
	Nil			
2547	Nil			

Per G. Lebel

G. Lebel, Manager

ESTABLISHED 1928

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TELEPHONE: (705) 642-3244
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Certificate of Analysis

Certificate No. 61354 Date: Oct. 22, 1985

Received Oct. 15, 1985 8 Samples of split core

Submitted by N.A.M.E. Corporation, Val d'Or, Quebec per: J. Scodnick

SAMPLE NO.	GOLD Oz./ton
2548	0.002
2549	Nil
2550	Nil
2551	Nil
2552	0.002
	Nil
2553	Nil
2554	Nil
2555	Nil

Per G. Lebel
G. Lebel, Manager

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

N.A.M.E. Val d'Or Ltd.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No 44454

ÉCHANTILLONS / SAMPLES: core

VAL D'OR, QUÉ., November 1 1985

RECU DE / RECEIVED FROM:

ANALYSES / ASSAYS: 15 Au

Echantillon	Au oz/ton
2566	nil
2567	nil
2568	nil
2569	nil
2570	nil
2571	nil
2573	nil
2574	nil
2575	nil
2576	nil
2577	nil
2578	nil
2579	nil
2580	nil
2581	nil

ANALYSTE / ASSAYER

ASSAYERS LIMITED

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ONTARIO: 20 VICTORIA STREET, SUITE 506 · TORONTO, M5C 2N8 · TEL: (416) 366-3100

CERTIFICATE OF ANALYSIS

FOR N.A.M.E.

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
71981	2556	Trace	GOLD CHECKS					
2	7	Trace	Trace, Trace					
3	8	Trace						
4	9	0.005						
5	2560	Trace						
6	1	0.005						
7	2	Trace						
8	3	Trace						
9	4	Trace						
71990	2565	Trace						

DATE Nov. 8, 1985

CERTIFIED CORRECT

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.
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU PROCEDE D'ANALYSE.

CTA

APPENDIX 5 - CLAIM LIST

Claim No.	Anniversary Date
P-749472	September 15
P-749473	September 15
P-749474	September 15
P-749475	September 15
P-749476	September 15
P-749477	September 15
P-749478	September 15
P-749479	September 15
P-749480	September 15
P-749481	September 15
P-749482	September 15
P-749483	September 15

TABLE 1 | TABLE OF LITHOLOGIC UNITS FOR THE HORWOOD LAKE AREA.

CENOZOIC
QUATERNARY
RECENT
Lake, stream, and swamp deposits.
PLEISTOCENE
Glacial drift, sand, gravel, boulders, and varved clays.

UNCONFORMITY

PRECAMBRIAN
MIDDLE TO LATE PRECAMBRIAN (PROTEROZOIC)
MAFIC INTRUSIVE ROCKS
Olivine diabase dikes (Abitibi-type), quartz diabase, and porphyritic diabase dikes.

INTRUSIVE CONTACT

EARLY PRECAMBRIAN (ARCHEAN)
LATE FELSIC TO INTERMEDIATE INTRUSIVE ROCKS
Biotite granodiorite, biotite-quartz monzonite, porphyritic biotite granodiorite, porphyritic biotite quartz monzonite, biotite-hornblende quartz diorite, hornblende monzonite, xenolithic granitic rocks, hornblende quartz monzonite, aplite dikes, muscovite granodiorite, hornblende granodiorite, biotite-hornblende diorite.

INTRUSIVE CONTACT

EARLY FELSIC TO INTERMEDIATE INTRUSIVE ROCKS
Biotite trondhjemite, biotite-hornblende trondhjemite, biotite-hornblende diorite, quartz porphyry, feldspar porphyry, quartz-feldspar porphyry, migmatite.

INTRUSIVE CONTACT

MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS
ULTRAMAFIC INTRUSIVE ROCKS
Dark green-black serpentinite, light blue-green serpentinite, talc-carbonate serpentinite, sheared serpentinite.

MAFIC INTRUSIVE ROCKS
Metagabbro, xenolithic metagabbro, porphyritic to equigranular diorite, hornblendite, metagabbro dikes.

METAVOLCANICS AND METASEDIMENTS
METASEDIMENTS
Greywacke, conglomerate, chert, chert breccia, quartzite, arkose, slate.
FELSIC TO INTERMEDIATE METAVOLCANICS
Tuff, lapilli-tuff, tuff-breccia, pyroclastic breccia, felsic flows, quartz-feldspar crystal tuff, feldspar and/or quartz porphyry subvolcanic rocks, miarolitic subvolcanic rocks.

MAFIC TO INTERMEDIATE METAVOLCANICS
Amygdaloidal metavolcanics, pillowed metavolcanics, crenulated metavolcanics, laminated metavolcanics, medium-to coarse-grained metavolcanics, mafic breccia, amphibolitized metavolcanics, massive metavolcanics, garnetiferous metavolcanics, variolitic metavolcanics, porphyritic andesite, migmatized metavolcanics.

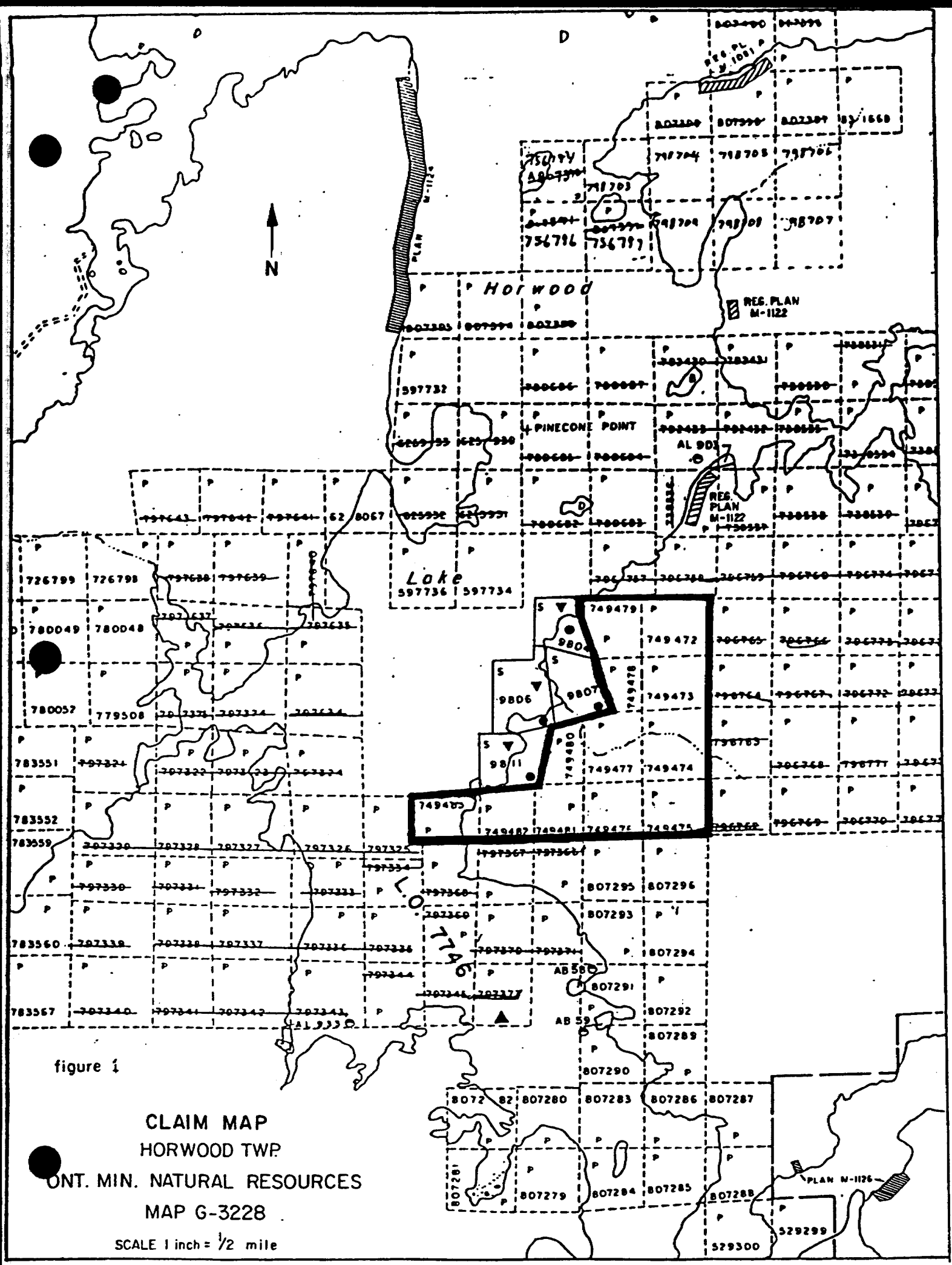


figure 1

CLAIM MAP

HORWOOD TWP.

ONT. MIN. NATURAL RESOURCES

MAP G-3228

SCALE 1 inch = ½ mile

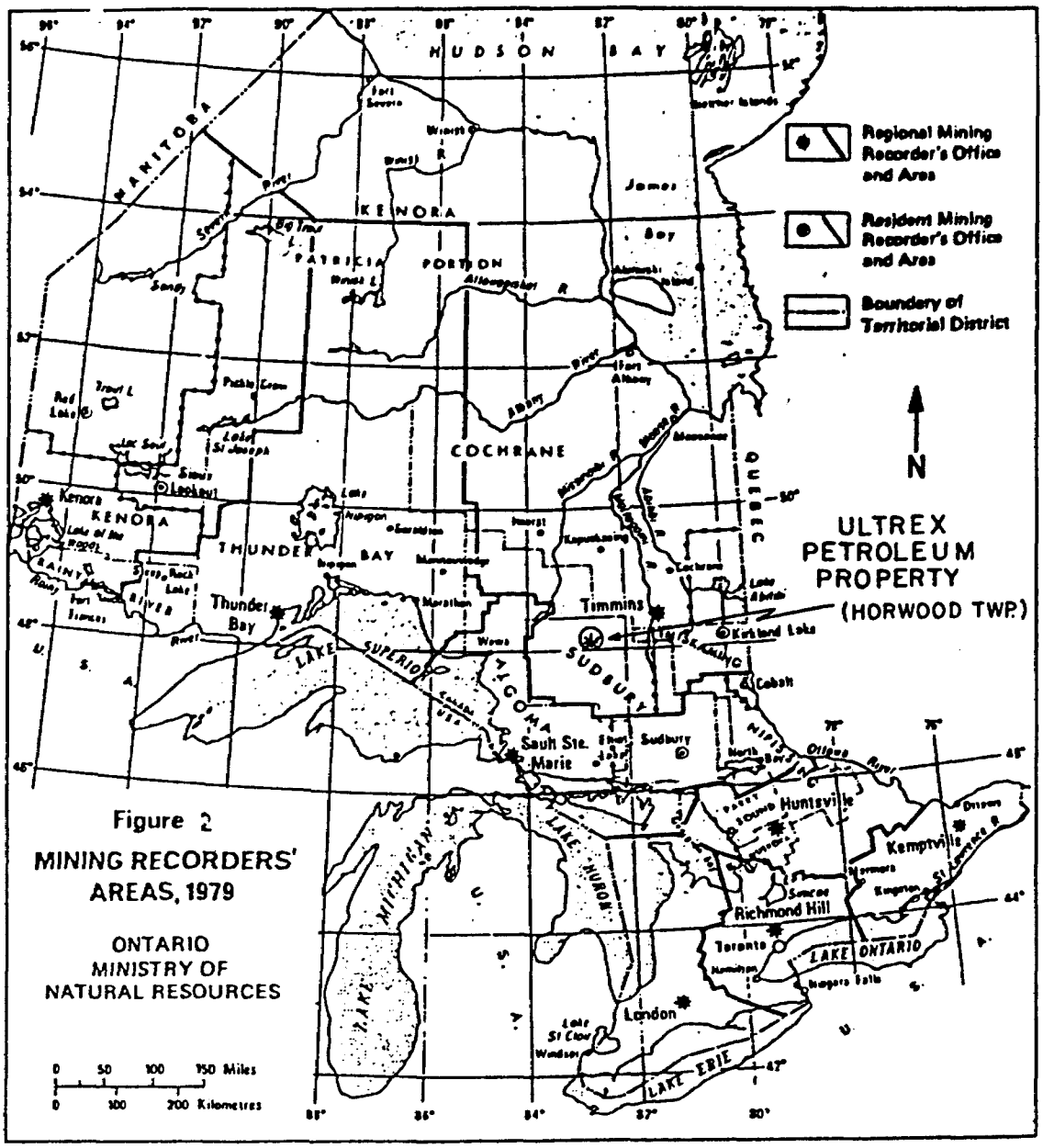


Figure 2

MINING RECORDERS' AREAS, 1979

ONTARIO MINISTRY OF NATURAL RESOURCES

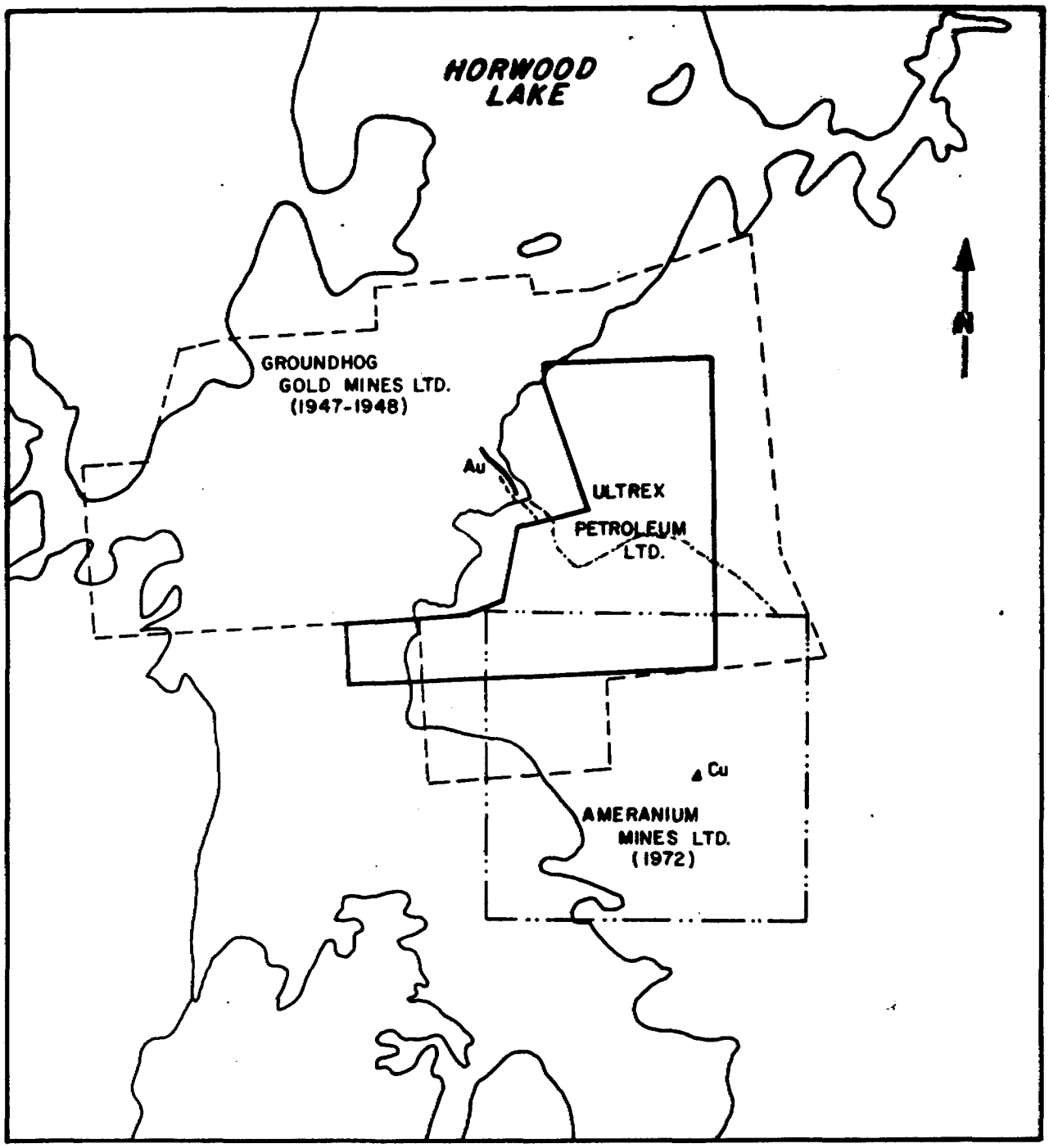


figure 4
Previous work
scale 1" = 1/2 mile

#63.4739

OM85-5-P.74

THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

1) Report on the Geological and Geophysical Surveys [P. Adomaitis, R. Campbell] → see main office file 2.8511

HORWOOD

LAKE

HW-85-1

HW-85-4

HW-85-5

HW-85-2

HW-85-3

Au Showing

Ide

4a

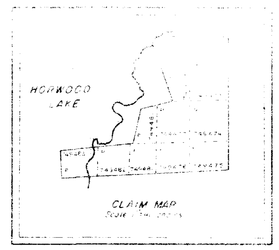
30 N

20 N

10 N

BASE LINE 0+00

L 0+00 L 4 E L 8 E L 12 E L 16 E L 20 E L 24 E L 28 E L 32 E L 36 E L 40 E L 44 E L 48 E L 52 E



N

Geological Contact

Axes of VLF-EM Conductor

Magnetic High Axes

Diamond Drill Hole

Good IP Response

Bush Road

Ide Fine-grained Massive Andesite

4a Metagabbro

63.4739

0M85-14

TYPE OF WORK: COMPILATION MAP

CLIENT: ULTREX PETROLEUM LTD.

PROJECT MANAGEMENT: N.A.M.E. Val d'Or Ltd.

AREA: HORWOOD TWP., ONTARIO

H. Ferderber Geophysics Ltd.

SCALE: 1" = 200 ft

DATE: AUGUST 1985

DRAWN BY: M. Gabriel

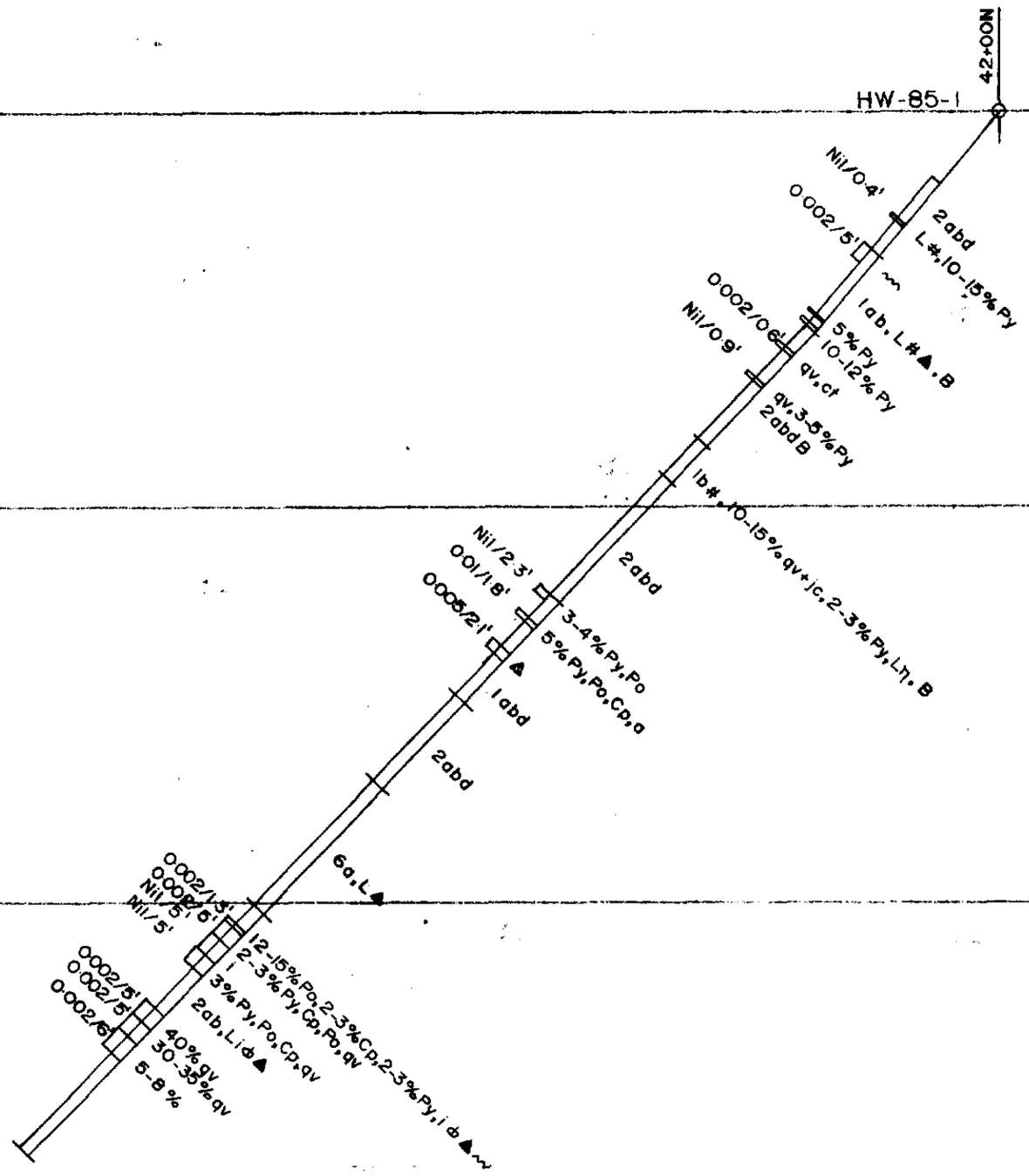
MAP OR SHEET NO.: 4

200

N.A.M.E. VAL D'OR LTD.

(FACING SW)
Azim. 210°

Surface Line No. 28+60E



100 ft

200 ft

300 ft

400 ft

500 ft

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OM 85-74

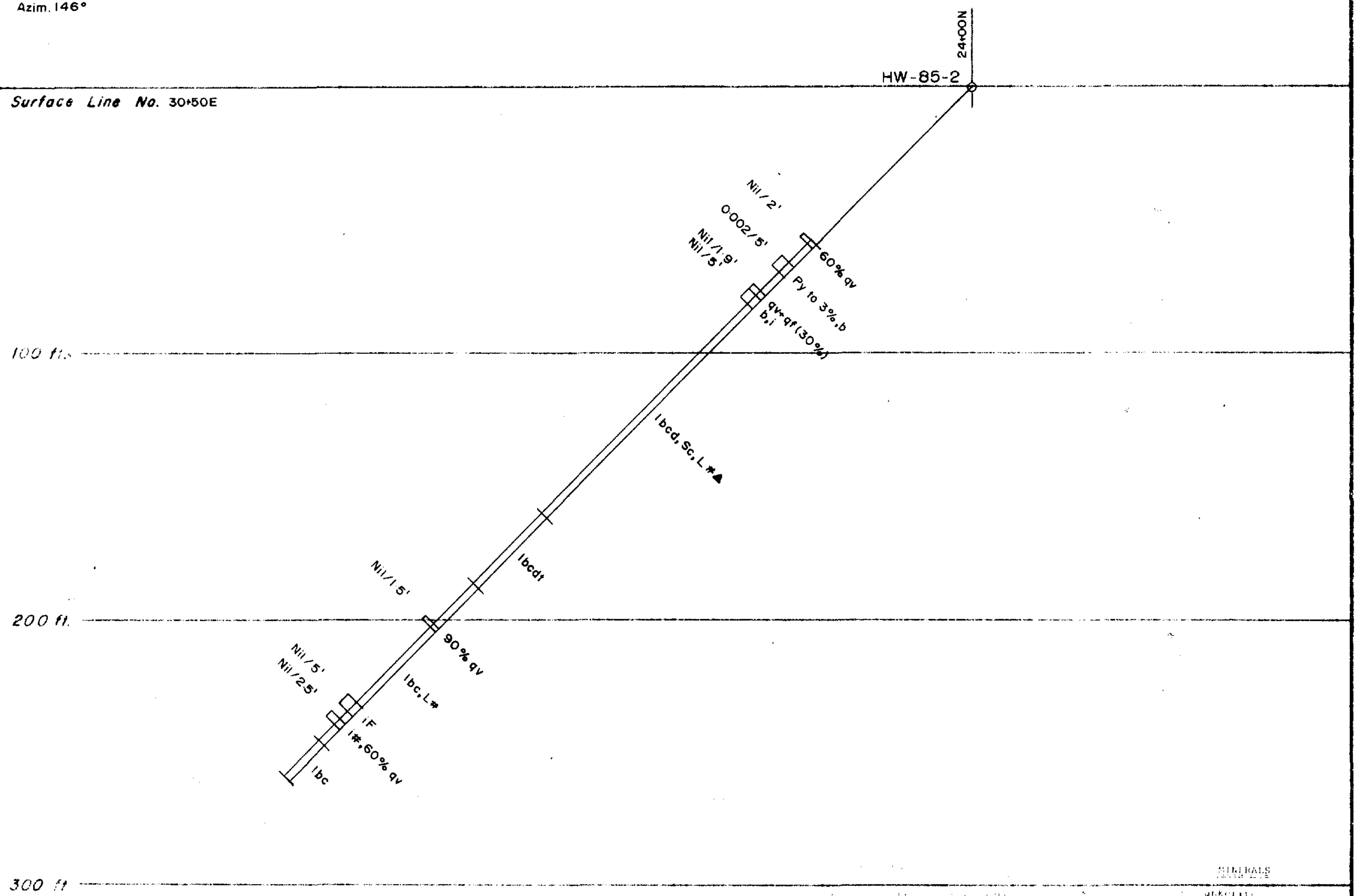
HORWOOD TWP, ONTARIO

Vertical Section Diamond Drill Hole No.(s) HW-85-1

Anomaly No.	Map Number: 1
Scale: 1 inch = 40 feet	Date: SEPTEMBER-OCTOBER 85

N.A.M.E. VAL D'OR LTD.

(FACING SE)
Azim. 146°



4. MAFIC INTRUSIVE
4a. Metagabbro

2. MAFIC METAVOLCANICS (Jet Black Basalt)
2a. Amygdaloidal
2b. Fine-grained
2c. Medium-grained
2d. Massive

INTERMEDIATE METAVOLCANICS (Andesite)

TEXTURE

Fault
Variegated

MINERALS

chlorite
hornblende
carbonate
k-spar
quartz
u indetermined amphibole
v vein of
w tourmaline
CP chalcopyrite
Po pyrrhotite
Py pyrite

ALTERATION TYPE

σ Silicification
λ Sericitization
Φ Chloritization
π Carbonitization
ω Amphibolitization

ALTERATION INTENSITY

s slight
m moderate
i intense
p partial

63.4739
OM85-74

HORWOOD TWP., ONTARIO

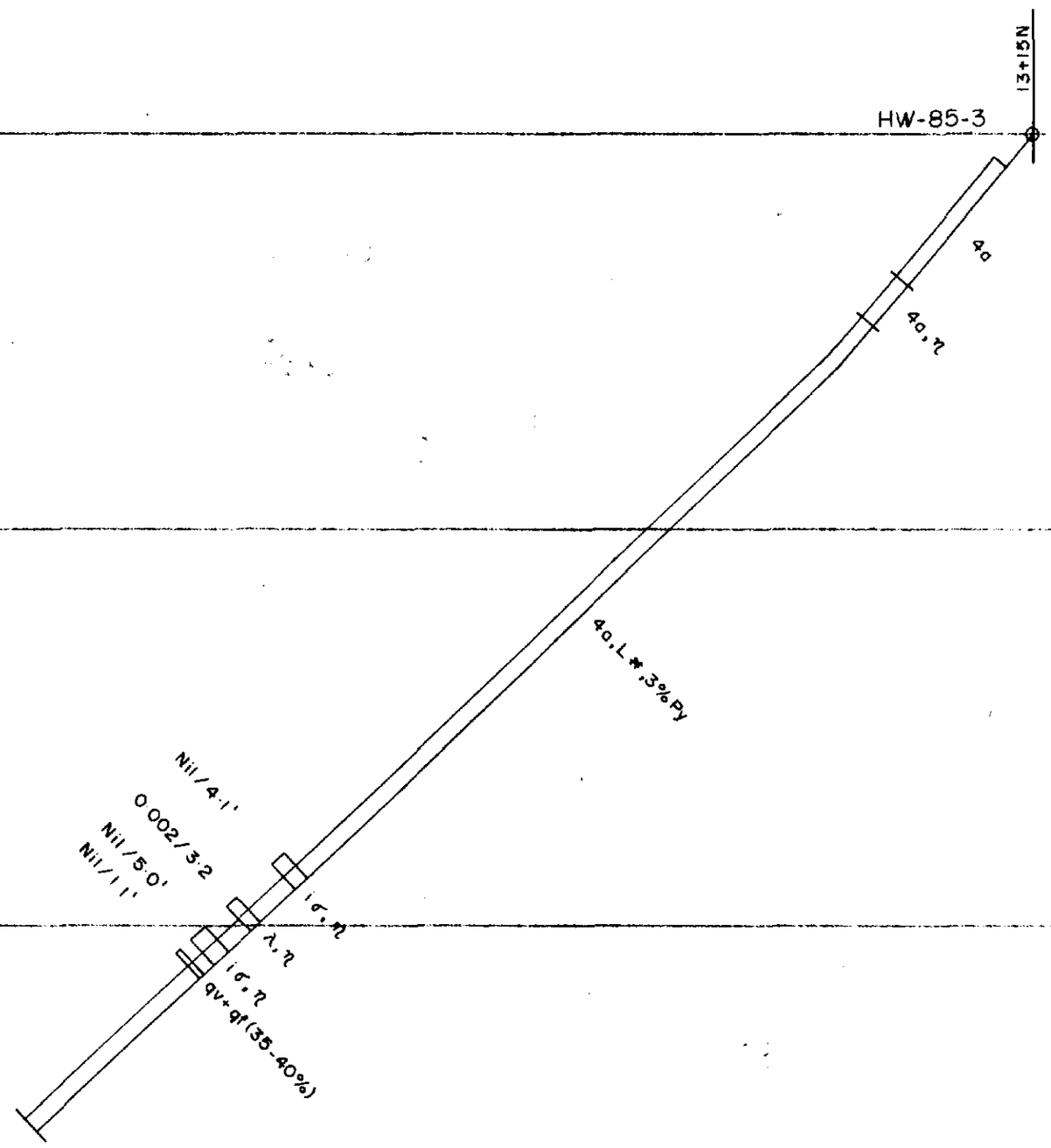
Vertical Section Diamond Drill Hole No.(s) HW-85-2

Anomaly No.	Map Number: 2
Scale: 1 inch = 40 feet	Date: SEPTEMBER/OCTOBER 85

N.A.M.E. VAL D'OR LTD.

(FACING SE)
Azim. 167°

Surface Line No. 40+00E



100 ft.

200 ft.

300 ft

400 ft

500 ft

LEGEND

6 EARLY FELSIC INTRUSIVE
6a. Quartz Porphyry
6b. Diorite

4. MAFIC INTRUSIVE
4a. Metagabbro

2. MAFIC METAVOLCANICS (Jet Black Basalt)
2a. Amygdaloidal
2b. Fine-grained
2c. Medium-grained
2d. Massive

1. MAFIC TO INTERMEDIATE METAVOLCANICS (Andesite)
1a. Amygdaloidal
1b. Fine-grained
1c. Medium-grained
1d. Massive

⊗ Intersecting drill hole
Au oz./ton/ft. 0.1/11.4

TEXTURES

Shearing
~ Fault
△ Variegated
▲ Tectonic Breccia
▲ Intrusive Breccia
--- Contact
f Fracturing
A Amygdaloidal
L Locally
Su Subordinate
Sc Schistosity
t tuffaceous
B blocky
f fragments

MINERALS

a ankerite
c chlorite
h hornblende
j carbonate
o k-spar
q quartz
u indetermined amphibole
v vein of
w tourmaline
CP chalcopyrite
Po pyrrhotite
Py pyrite

ALTERATION TYPE

σ Silicification
λ Sericitization
φ Chloritization
η Carbonitization
ω Amphibolitization

ALTERATION INTENSITY

s slight
m moderate
i intense
p partial

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OM85-74

HORWOOD TWP., ONTARIO

Vertical Section Diamond Drill Hole No.(s) HW-85-3

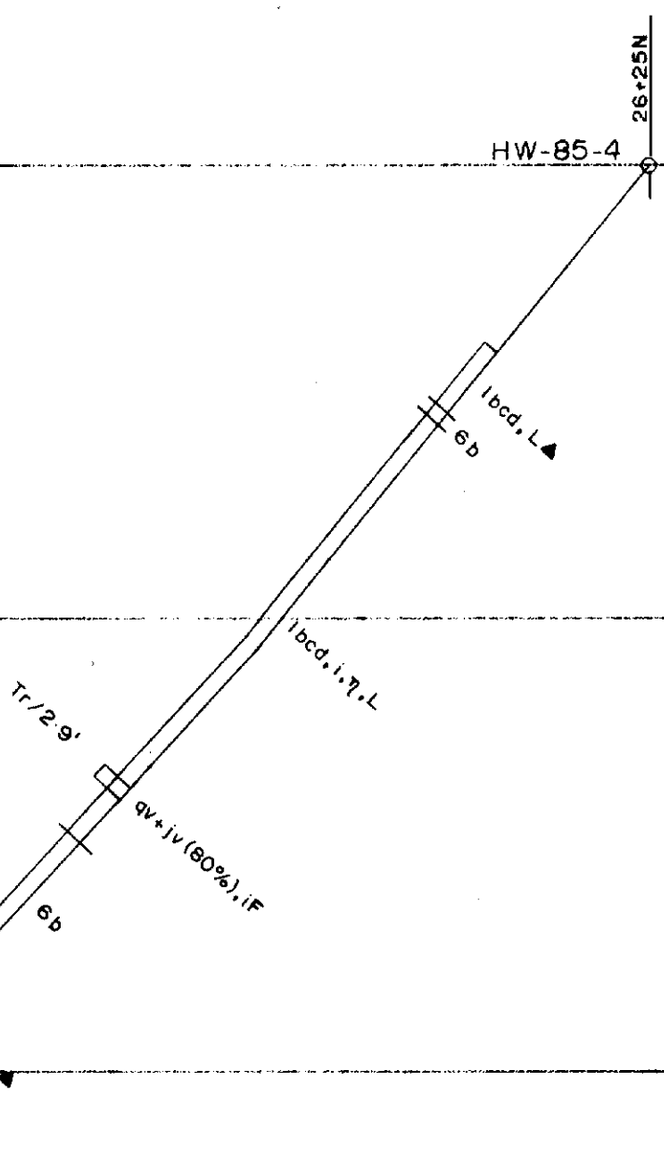
Anomaly No	Map Number: 3
Scale: 1 inch = 40 feet	Date: SEPTEMBER/OCTOBER 85

N.A.M.E. VAL D'OR LTD.

(FACING S)

Azim. 180°

Surface Line No. 44+00E



100 ft.

200 ft.

300 ft

400 ft

500 ft

63.4739

OM85-74

HORWOOD TWP., ONTARIO

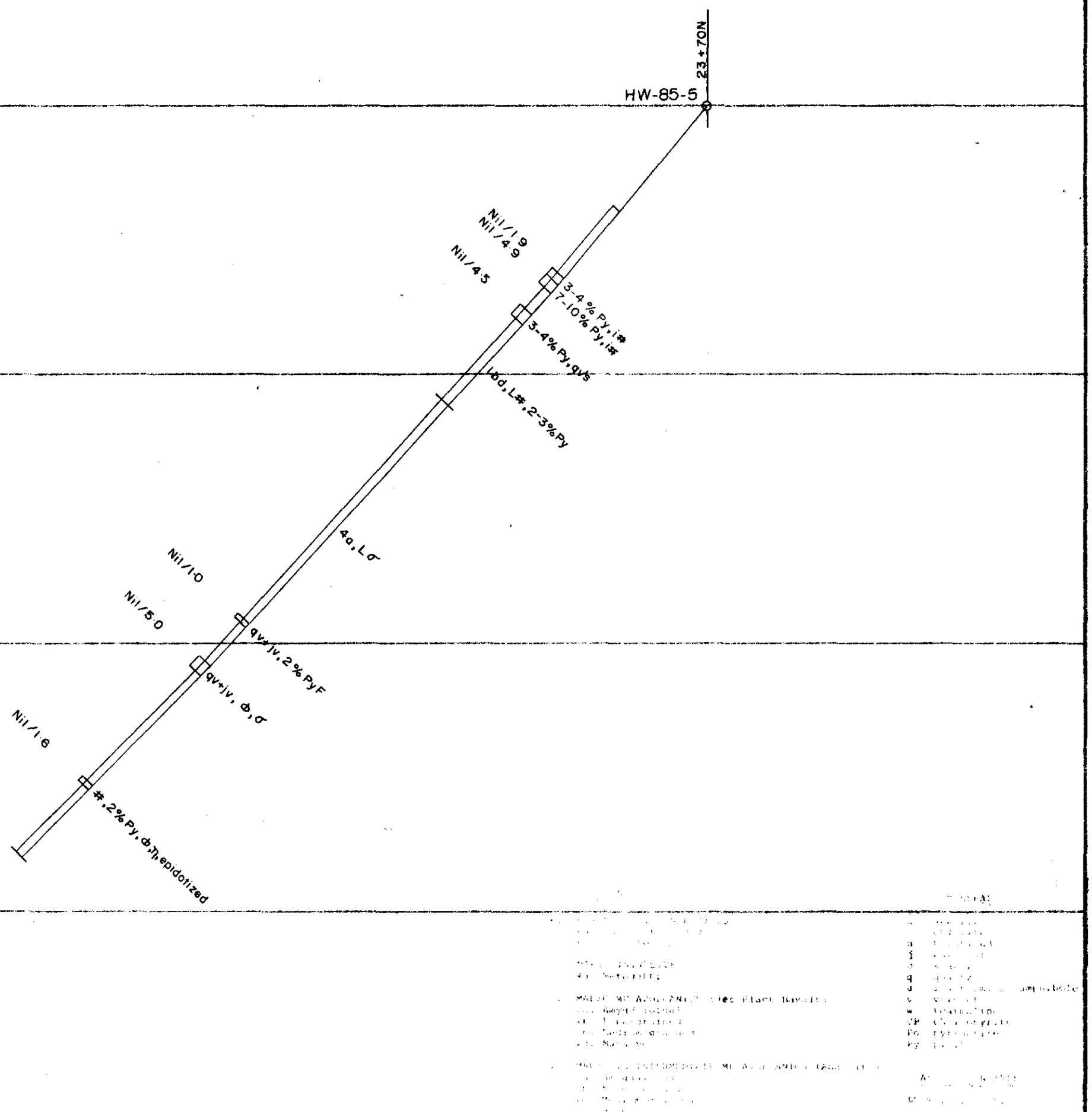
Vertical Section Diamond Drill Hole No.(s) HW-85-4

Anomaly No.	Map Number: 4
Scale: 1 inch = 40 feet	Date: SEPTEMBER/OCTOBER 85

N.A.M.E. VAL D'OR LTD.

(FACING NW)

Azim. 340°



63.4739

OM85-74

HORWOOD TWP., ONTARIO

Vertical Section Diamond Drill Hole No.(s) HW-85-5

Anomaly No.	Map Number: 5
Scale: 1 inch = 40 feet	Date: SEPTEMBER-OCTOBER 85