Otis J Exploration Corp.

NAT RIVER PROPERTY

Summary Report of Exploration Activities

January 15th to December 31st, 1995

January 22nd, 1996

ROBERT DUESS GEOLOGICAL SERVICES LTD.

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SUMMARY

The Nat River Property of Otis J Exploration Corp. is situated in the northeast corner of the Swayze Greenstone Belt, which represents the western extension of the prolific Abitibi Greenstone belt. The property is located approximately 40 kilometres southwest of Timmins, Ontario.

The property is largely underlain by a sequence of mafic and ultramafic rocks, metamorphosed to mid greenschist facies or lower, which have been variably deformed (folded - faulted) and intruded by several felsic to mafic intrusive bodies. The Destor-Porcupine Fault Zone has been interpreted to strike across the central portion of the property in a southwesterly direction. Numerous former and current producing gold mines are associated with this regionally extensive deep seated complex fault structure.

An exploration program consisting of linecutting, geophysical surveying (magnetics and limited I.P.) and diamond drilling was completed on the Nat River Property during the period of January 16th to December 31st, 1995. The diamond drill program, consisting of 10 holes totalling 1,775.8 metres, was designed to provide preliminary information on I.P. and geological targets and to test for gold mineralization.

No significant gold values were encountered, however, the geological setting of the property is considered favourable for hosting economic gold mineralization. Many of the holes intersected variably deformed (sheared) ultramafic rocks (talc chlorite schist, chlorite carbonate schist), quartz eye sericite schist, and other mylonitic rocks which have been intruded by porphyry dikes and sills. This package of structural deformation, alteration and mineralization is similar to that found at the major gold producing mines in the Timmins area.

A program of additional geological mapping, prospecting, I.P surveying and follow up diamond drilling is recommended to further evaluate this large claim group. The estimated cost to complete the recommended program is $ 264,000.00.

INTRODUCTION

This report documents the results of exploration activities conducted on Otis J.'s Nat River Property in Penhorwood Township, 40 km west of Timmins, from January 16th, 1995 to December 31st, 1995. During this period an initial exploration program consisting of linecutting, induced polarization (time domain) and magnetic surveying was conducted over the central portion of the property area. A subsequent diamond drill program consisting of 10 holes totalling 1660 metres was conducted to test geological and geophysical targets and to provide preliminary geological information on the largely overburden covered area.

The Nat River Property was recently acquired by Otis J. Exploration Corp. based on the results of an 1994 exploration program (OPAP funded) and based on the recent discovery of significant gold mineralization in nearby Reeves Township by Hemlo Gold Mines Inc. In late December 1994, Hemlo Gold and Glen Auden Resources Limited announced the discovery of significant gold mineralization (values up to 0.19 oz Au per ton across 39 feet) in a structural deformation - alteration zone thought to be the westerly extension of the Destor Porcupine Fault. This new discovery is located approximately 5 miles northeast of the Nat River Property.

PROPERTY LOCATION AND ACCESS

The Nat River Property consists of 11 contiguous and unpatented mining claims (104 units, approximately 4200 acres) situated in the central portion of Penhorwood Township, approximately 80 km southwest of the city of Timmins.

The Nat River Property is located at latitude 480700 and longitude 820500 and the NTS references for the area are 42A/4 and 42 B/1.

Otis J Exploration Corp.

NAT RIVER PROPERTY

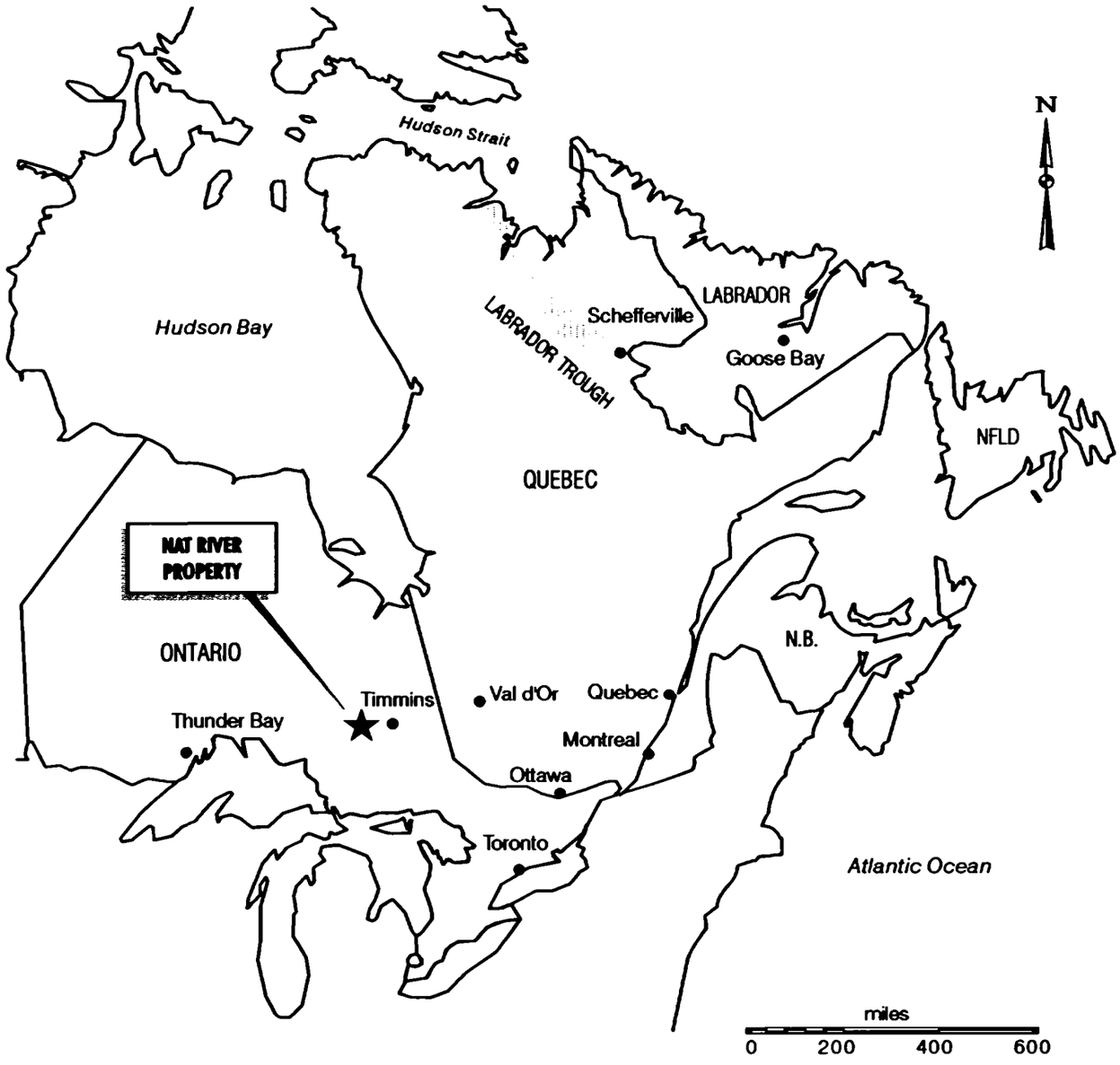


Figure 1

PROPERTY LOCATION MAP

JN 30/95 NATF1.CDR

The property is readily accessible via the Kenogaming Lumber Access Road which passes through the central part of the property. This major southwest trending logging road exits from Highway 101 about 60 km west of Timmins. Township lines and topographic features are easily located.

The claims with their respective expiry dates are listed as follows:

CLAIM NO.	UNITS	DUE DATE
P - 1204436	6	29 March 1996
P - 1204437	2	29 March 1996
P - 1204438	15	29 March 1996
P - 1204439	1	29 March 1996
P - 1204440	9	29 March 1996
P - 1204441	14	29 March 1996
P - 1204442	16	29 March 1996
P - 1204443	16	29 March 1996
P - 1204444	1	29 March 1996
P - 1203753	8	
P - 1203754	16	

TOTAL: 11 claims, 104 units: approximately 4200 acres.

PREVIOUS WORK

Geological mapping and prospecting conducted by Burtho Gold mines in the 1940's is the first recorded work that was conducted on the property.

In the late 1950s and early 1960s Inco and Canadian Johns Mansville conducted limited exploration programs along the rhyolite - iron formation and ultramafic units east of the property in the search of base metals and asbestos.

Otis J Exploration Corp.

NAT RIVER PROPERTY

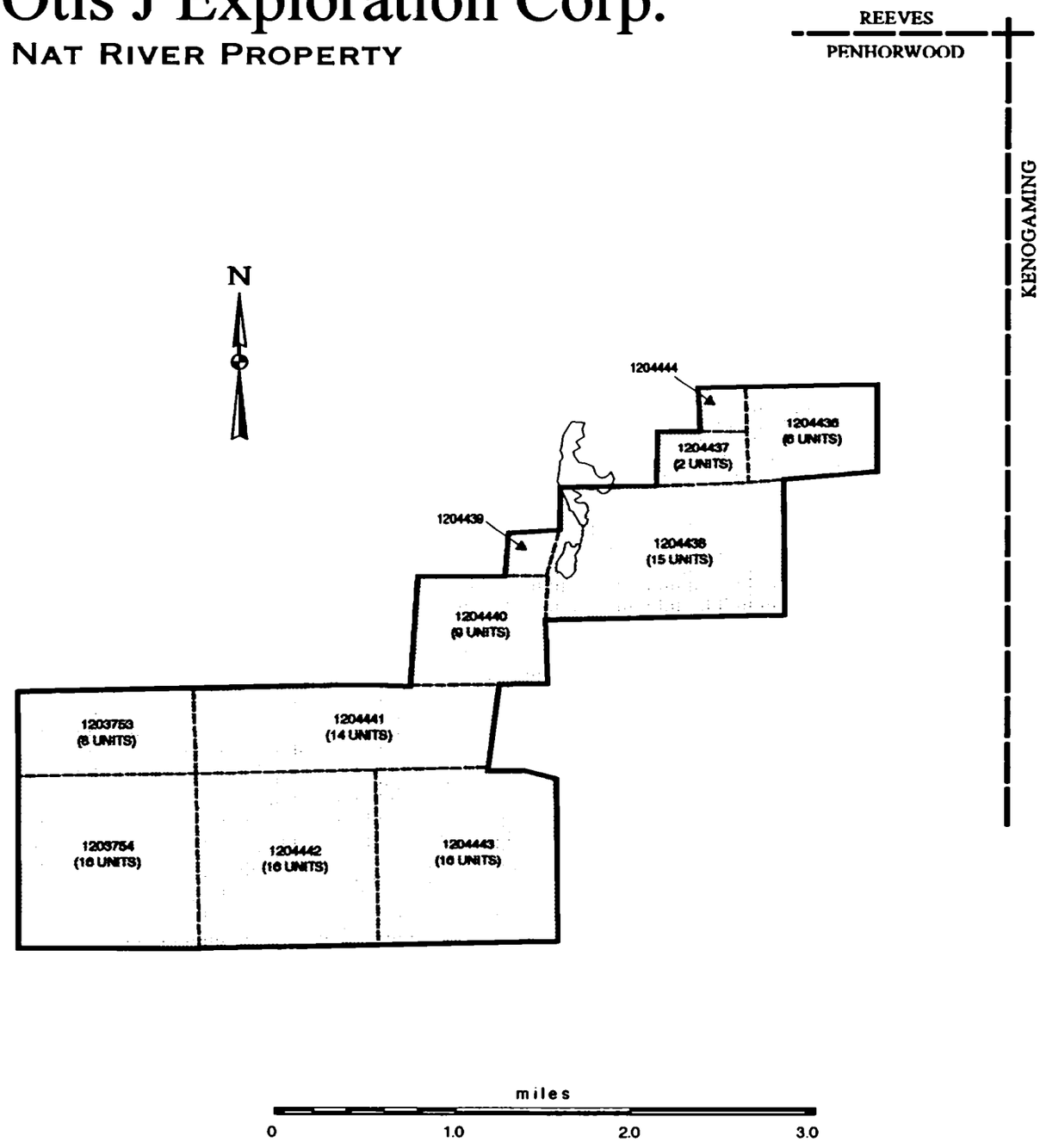


Figure 2(a)
CLAIM LOCATION MAP
Penhorwood Twp. (G-3244)

JN 21/95 PEN-F2A.CDR

ROBERT DUESS GEOLOGICAL SERVICES LTD.

An extensive report on the northern part of the property by W.O. Karvinen in September 1985 is the first record of gold exploration in the northern part of the property. Karvinen's ground at the time, however, only extended approximately 400 metres south of the current north boundary of the Nat River Property. The claims were optioned to Quinterra Resources who completed magnetic and geological surveys in 1985, and subsequently optioned to Utah Mines Limited, who completed magnetic, HLEM, IP, and diamond drilling through until 1987. A review of the Utah drilling (core at the Timmins core library) shows strong alteration and deformation in a broad zone trending west southwest in the extreme northeast part of the property.

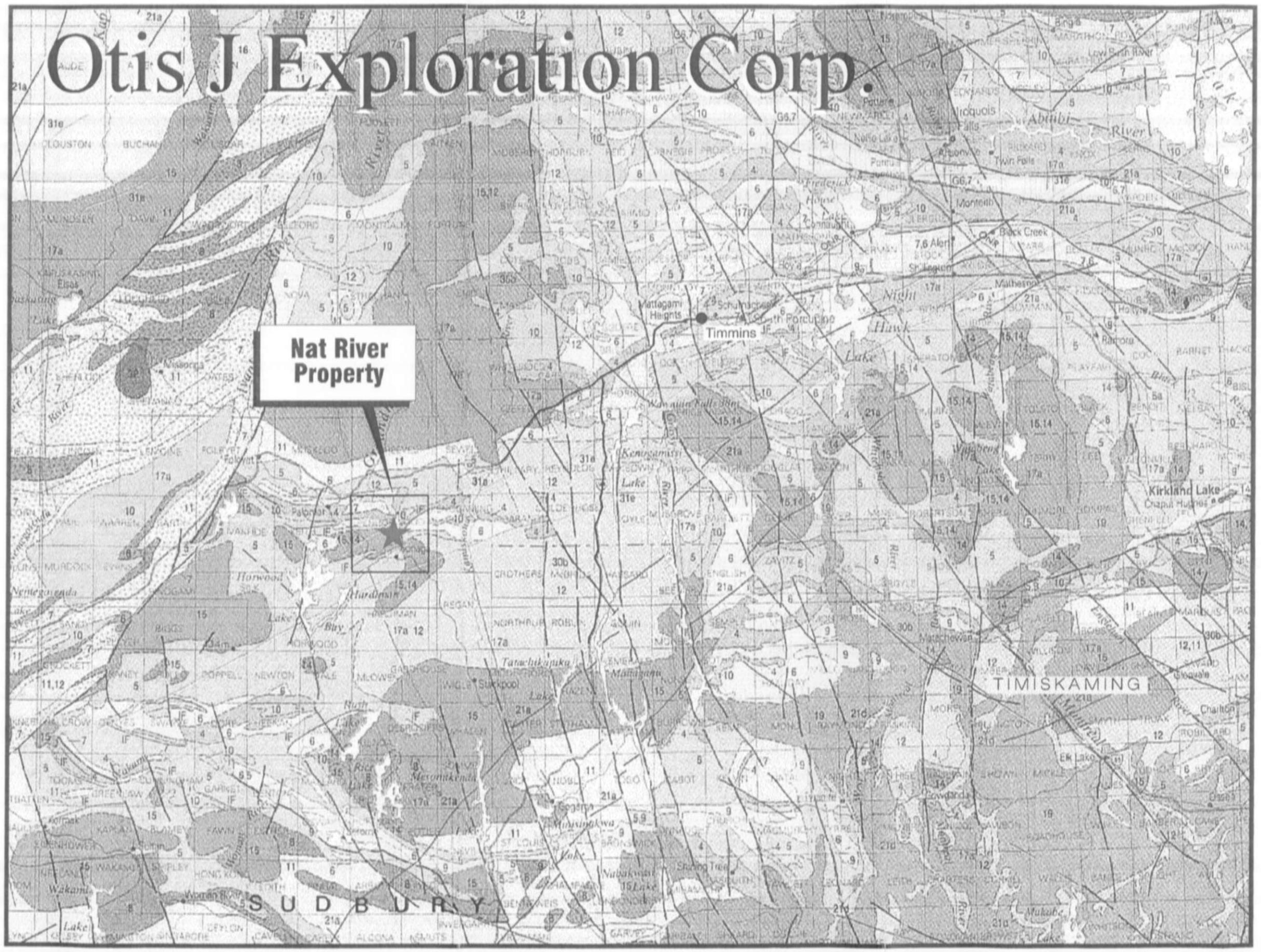
The claims eventually lapsed and were acquired by Noranda Exploration, who conducted a single drill hole (on present claim 1204444) to a depth of 397 metres in spring of 1992. Strong alteration was noted but no assays were given.

In the fall of 1994 an exploration program (funded by 1994 OPAP) consisting of linecutting, geophysical surveying and prospecting was conducted over the northern portion of the Nat River Property. Several I.P. anomalies were detected and prospecting in the central portion of the grid revealed several strongly altered and deformed zones which are variably mineralized. These zones are very poorly exposed due to extensive, almost pervasive overburden cover. Several samples were collected and sent for analysis - some of which returned anomalous gold values (up to 0.18 g/tonne).

GEOLOGY AND STRUCTURE

As illustrated by Figure 3, the Penhorwood Township area is situated within the northeast corner of the Swayze Greenstone Belt, which represents the western extension of the prolific Abitibi Greenstone Belt.

Otis J Exploration Corp.



REGIONAL GEOLOGY OF NORTHERN ONTARIO

N

LEGEND

19	COBALT GROUP CONGLOMERATE
15	GRANITE - GRANODIORITE
11-12	GNEISSIC - TONALITE SUITE
10	MAFIC - ULTRAMAFIC INTRUSIVES
9	COARSE CLASTIC SEDIMENTARY ROCKS
8	MIGMATIZED SUPRACRUSTAL ROCKS
7	METASEDIMENTARY ROCKS E.G. WACKE, ARKOSE
6	FELSIC TO INTERMEDIATE METAVOLCANICS
5	MAFIC TO INTERMEDIATE METAVOLCANICS
4	MAFIC TO ULTRAMAFIC METAVOLCANIC ROCKS

miles
0 3 6 9 12

Figure 3
REGIONAL GEOLOGY OF NORTHERN ONTATIO ADAPTED FROM O.G.S. MAP 2545

Ontario Geological Survey 1991. Bedrock Geology of Ontario, East-central sheet; O.G.S. Map 2543

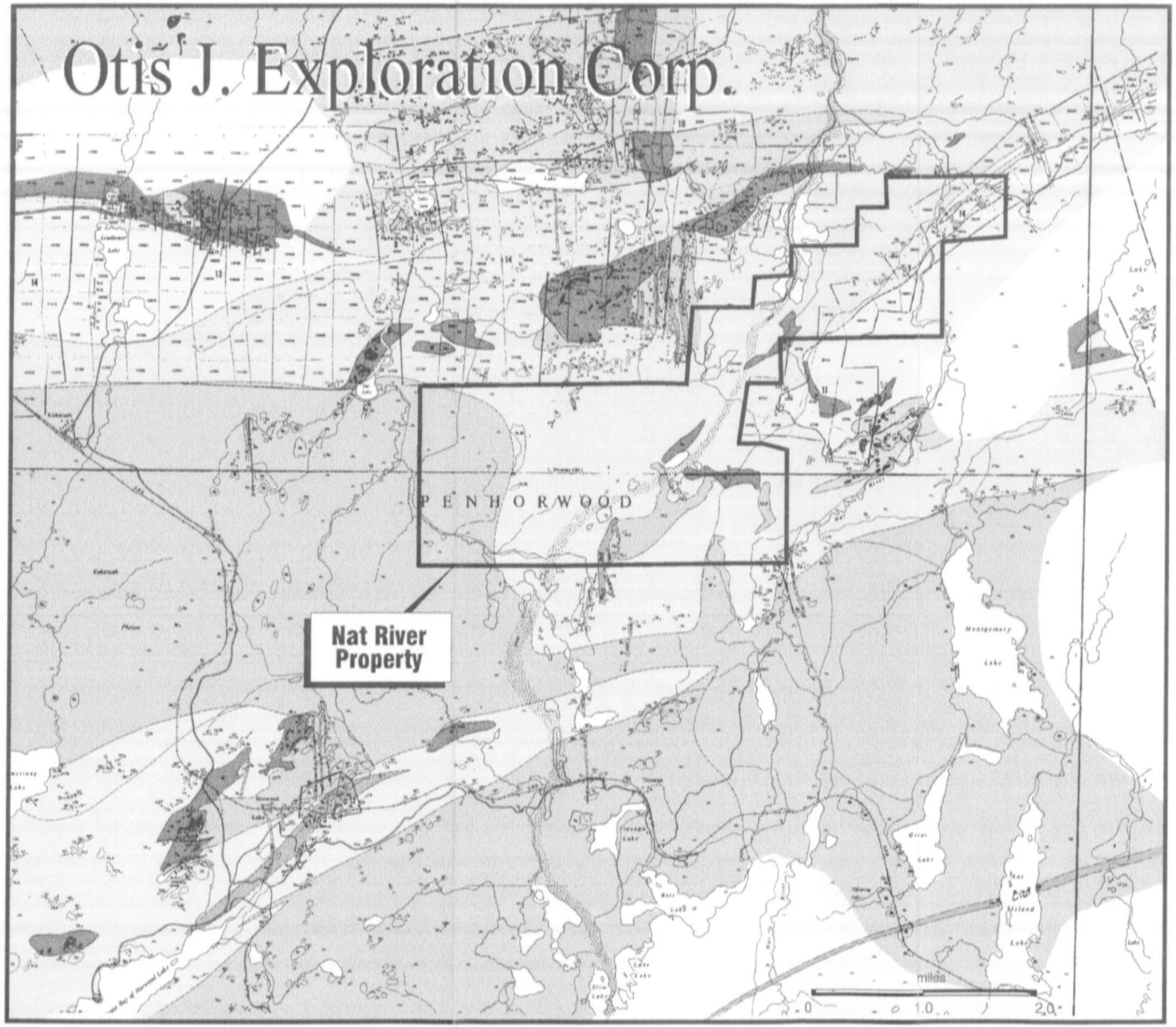
colormap.cdr jn 20/95

The Penhorwood Township geology map (Figure 4, Milne 1986) shows that the property area is underlain by a northeast trending sequence of Archean aged mafic to intermediate metavolcanic rocks with lesser metasedimentary, felsic and ultramafic rocks. The rocks have been variably deformed (folded and faulted) and intruded by several felsic to mafic intrusive bodies consisting of granite, diorite, gabbro and feldspar porphyry. A few younger, diabase dikes pass through the area in a northeasterly direction.

This sequence of rocks represents the western extension of the lithological units that comprise the volcano-sedimentary stratigraphy of the Timmins area (see Figure 5). The felsic volcanic rocks, iron formation and ultramafic intrusive rocks on the northeast and east side of the Nat River Property are very similar to the Deloro Group rocks in Whitney Township. The mafic volcanic rocks, ultramafic flows and tuffs that underlie much of the northern half of the township are very similar to the Tisdale Group volcanics and the argillite, greywacke, sandstone, conglomerate package likely represent the Porcupine Group rocks (Figure 5).

The main structural feature within the area is a major southwest trending deformation zone which represents the western continuation of the famous Destor - Porcupine Fault zone. The structural deformation zone is characterized by intense alteration (quartz - sericite-chlorite - carbonate), deformation and mineralization typical of a high strain zone.

This structure extends at least 6 km southwest of the Nat River Property boundary where it is expressed as a discrete topographic lineament that coincides with Hardiman Bay of Horwood Lake.



PENHORWOOD TOWNSHIP GEOLOGY MAP

LEGEND

- 8 DIA BASE DIKE
- 8 LATE FELSIC INTRUSIVE ROCKS MOSTLY GRANITE
- 7 EARLY FELSIC INTRUSIVE ROCKS MOSTLY GRANITE
- 6 ULTRAMAFIC INTRUSIVE ROCKS
- 5 EARLY MAFIC INTRUSIVE ROCKS
- 3 DETRITAL META SEDIMENTS
- 2 FELSIC TO INTERMEDIATE META VOLCANICS
- 1 MAFIC TO INTERMEDIATE META VOLCANICS

Figure 4

PENHORWOOD TWP., GEOLOGY MAP SHOWING AREA GEOLOGY PROXIMAL TO NAT RIVER PROPERTY; ADAPTED FROM O.G.S. MAP 2231

JN 30/95 NAT-F4.CDR

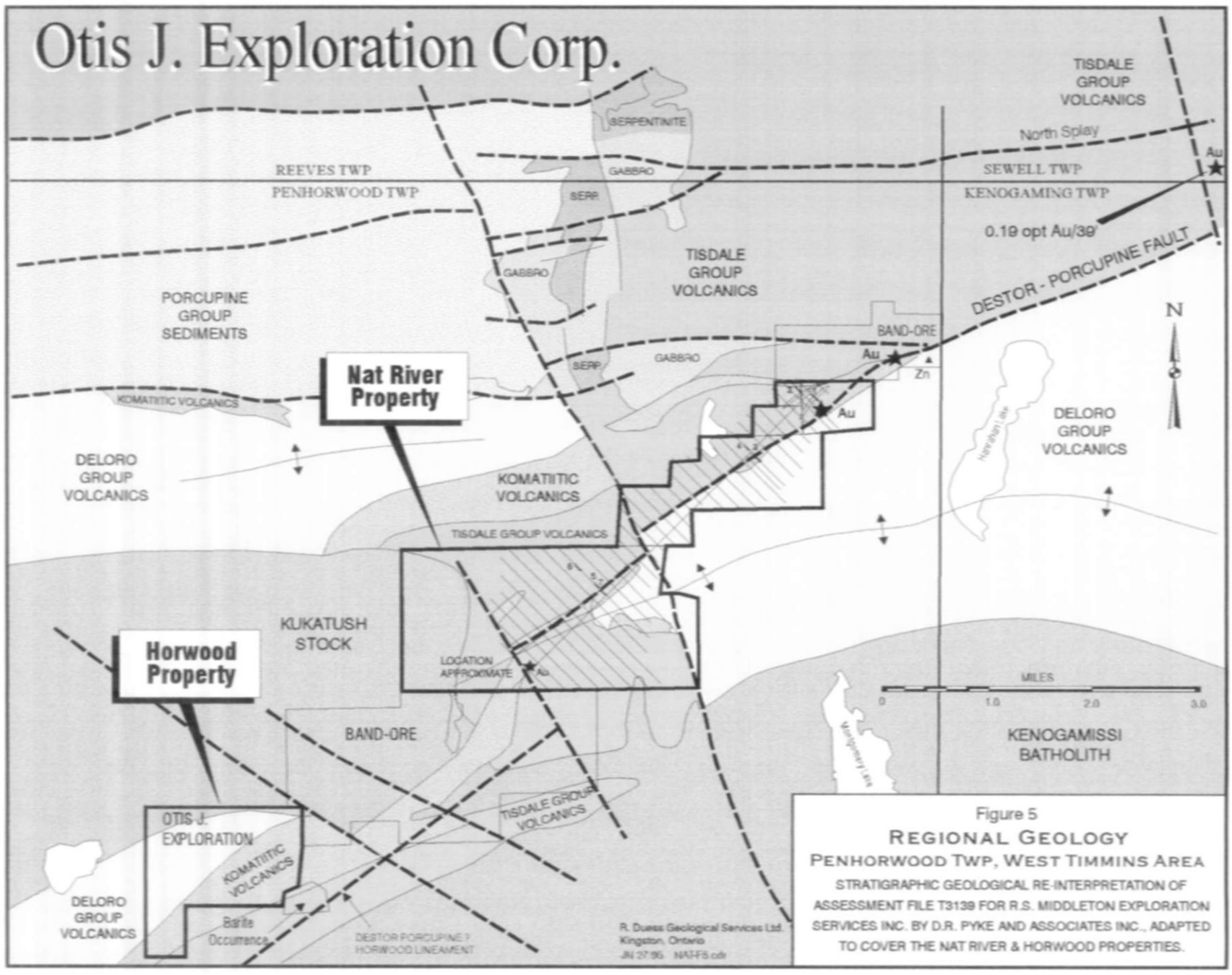


Figure 5

Regional Geology

Penhorwood Twp, West Timmins Area

STRATIGRAPHIC GEOLOGICAL RE-INTERPRETATION OF ASSESSMENT FILE T3139 FOR R.S. MIDDLETON EXPLORATION SERVICES INC. BY D.R. PYKE AND ASSOCIATES INC., ADAPTED TO COVER THE NAT RIVER & HORWOOD PROPERTIES.

Other indications of the presence of a potentially significant structural deformation - alteration zone include:

- historical reports of gold mineralization
- abrupt termination and offsets of diabase dikes, both in outcrop and magnetic data.
- presence of mafic - ultramafic contacts.
- presence of quartz and quartz feldspar porphyry dikes and sills
- intense shearing over large areas
- strong carbonate and \ or quartz carbonate - sericite alteration
- unusual geochemistry in the area - barite, antimony and arsenopyrite mineralization.

LINECUTTING

A total of 45 kilometres of grid lines were established, with the baseline trending at N45E and cross lines established at 200 metres intervals. The grid was established as a continuation of a previous established grid which covered the north quarter of the property. Linecutting was performed by Timmins North Exploration, Timmins, Ontario.

GEOPHYSICS

a) Magnetic Surveying

A ground magnetic survey recording total field values at 12.5 metre intervals was conducted over a large portion on the property area in February 1995. The entire grid located west of L20W were surveyed, and a few detailed flagged survey lines were also established and surveyed in areas of high magnetic relief.

All grid lines east of L20W had been previously surveyed (fall of 1994) and this data was incorporated into the current magnetic database.

The magnetic surveying was conducted by J.M. Whelan Technical Services, Kirkland Lake, Ontario. For full results and details on techniques and equipment used, the reader is referred to the technical report dated March 1995, as prepared by J.Whelan.

b) Induced Polarization Surveying

Two separate phases of I.P. surveying (pole - dipole array, reading n=1 to n=4 with "a" spacing of 25 m) was conducted during 1995.

Phase One: Rayan Exploration

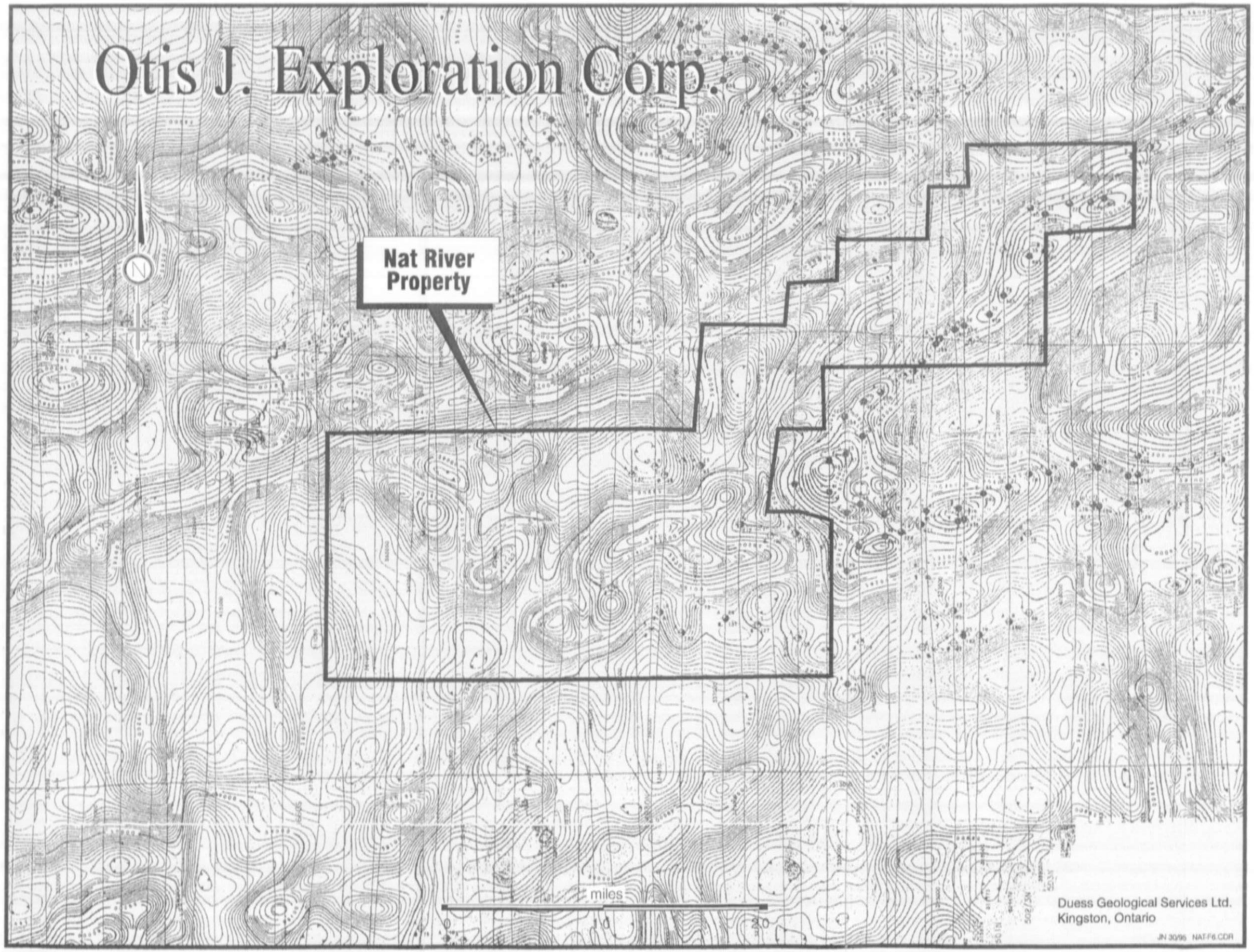
Phase one I.P. surveying was conducted during January and February of 1995 with the following lines being surveyed: L22W, L24W, L26W, L28W, L30W, L32W, L46W, L48W, L50W, L52W, L54W and L56W.

The I.P. survey was conducted by Rayan Explorations Ltd, Timmins Ontario. For full results and details on techniques and equipment used, the reader is referred to the technical report dated April 1995, as prepared by R. J. Meikle.

Extensive dry and sandy condition caused poor electrode contact and thus the I.P. survey was temporarily suspended until December 1995.

Phase Two: Val d'Or Geophysics

The phase two program of I.P. surveying was conducted by Val d'Or Geophysics during December 1995. The following lines were surveyed: L58W, L60W, L62W, L64W & L66W.



Airborne Electromagnetic Survey
Total Intensity Magnetic Survey

GEOTEM® Peak Response Symbols

ANOMALY DECAY INTERVAL CLASSIFICATION

- 1-2 Channel (393, 549 microseconds)
- 3-4 Channel (705, 862 microseconds)
- 5-6 Channel (1018, 1174 microseconds)
- 7-8 Channel (1330, 1487 microseconds)
- 9-10 Channel (1643, 1799 microseconds)
- 11-12 Channel (1955, 2112 microseconds)

Magnetic Contours

- 10 Gamma Contour Line
- 50 Gamma Contour Line
- 250 Gamma Contour Line

Magnetic Depression

1 Nanotesla (nT) = 1 Gamma

Anomaly Letter
Apparent Conductance (siemens)
Interpreted as A possible Overburden Response
B 7
1800
Ch. 4 Amplitude (ppm)
Type of Source not Clear

Culture Response

Anomaly Letter

Note: Responses clearly identifiable as Overburden are not represented on This map.

Mean magnetometer sensor altitude ..... 120 metres
Mean electromagnetic sensor altitude ..... 40 metres
Mean flight line spacing ..... 200 metres
Flight lines ..... 250 N
455000

Figure 6
AIRBORNE ELECTROMAGNETIC SURVEY - TOTAL INTENSITY MAGNETIC SURVEY from Ontario Geological Survey 1990. Airborne Electromagnetic and Total Intensity Magnetic Survey, North Swayze - Montcalm Area: O.G.S. Maps 81378, 81377, 83184

The I.P. survey and resistivity survey was conduced with an IPV-4 Turbo phase domain receiver manufactured by Phoenix and with an IPT-1 transmitter using a 1.0 kW MG-1 motor generator. A dipole-dipole array was used with a 25 metre electrode separation. Primary voltage and phase values were measured every 25 metres for dipole separations (n) of 1 to 4 with a precision of 0.1 mV and 0.1 milliradian respectively at the operating frequency of 1 Hertz.

Results of the phase two I.P. survey including all pseudosections and chargeability and resistivity plans are appended with this report.

DIAMOND DRILLING

A diamond drill program consisting of 10 holes totalling 1775.8 metres was conducted on the Nat River Property. The diamond drilling was performed by Norex Drilling Ltd, Porcupine, Ontario and by Forages M. Lafreniere, Nedelec, Quebec. Drill core was logged by R. Bruce Durham & Richard Sproule and core is currently being stored at the warehouse facilities of Mr. Thomas Obradovich, Kirkland Lake Ontario.

All split core samples were sent to Swastika Laboratories, Swastika, Ontario, for analysis.

A summary of drill hole statistics is outlined below.

Hole No.	Location	Dip	Overburden (m)	Depth (m)
ON-95-1	L2W 0+00N	-45	30.0	260.0
ON-95-2	L3W 2+75N	-45	8.0	206.0
ON-95-3	L16W 0+50S	-45	9.0	257.0
ON-95-4	L16W 1+50N	-45	9.0	140.0
ON-95-5	L50W 2+75N	-45	46.0	171.0
ON-95-6	L50W 7+25N	-45	41.0	180.5
ON-95-7	L50W 1+25N	-55	17.0	194.0

ON-95-8	L60W 7+00S	-45	20.5	123.5
ON-95-9	L48W 2+50S	-45		46.3128.0
ON-95-10	L60W 5+00S	-45		14.6115.8
		TOTAL: 10 holes		1775.8 metres (5,826 feet)

The following are brief drill hole summaries for each on the seven holes completed.

ON-95-1 Hole # 1 was collared on Line 2 west 0+00 to test an I.P. anomaly located in the northern portion of the property area. The I.P. anomaly is likely due to disseminated pyrite mineralization within talc chlorite, quartz sericite and chlorite carbonate schists

Summary Drill Log (in metres)

From	To	
0.0	30.0	Overburden
30.0	54.8	Talc-chlorite-schist
54.8	75.3	Chlorite-carbonate schist
75.3	91.4	Porphyry
91.4	130.5	Quartz sericite schist
130.5	139.0	Chlorite carbonate schist
139.0	140.3	Syenite
140.3	149.5	Mafic volcanics
149.5	181.8	Chlorite carbonate schist
181.8	189.6	Peridotite189.6195.5Felsic dike
195.5	60.0	Peridotite
	260.0	End of hole

ON-95-2 Hole # 2 was collared at L3+00W/2+75N to test a strong I.P. anomaly.

The I.P. anomaly is caused by disseminated pyrite mineralization within silicified and altered basalt.

Summary Drill Log: (metres)

From	To	
0.0	8.0	Overburden
8.0	202.9	Basalt
202.9	206.0	Ultramafics
	206.0	End of hole

ON-95-3 Hole # 3 was collared at L16+00W/0+50S to drill a one line I.P. anomaly.

The anomaly is caused by disseminated pyrite within mylonitic mafic tuffs and ultramafic rocks. A band of iron formation intersected near the bottom of the hole accounts for a second I.P. feature.

Summary Drill log (metres).

From	To	
0.0	9.0	Overburden
9.0	101.7	Ultramafics
101.7	119.0	Talc chlorite schist
119.0	123.7	Mafic tuff
123.7	130.9	Felsic tuff
130.9	152.2	Mafic volcanics
152.2	161.2	Talc chlorite schist
161.2	165.3	Mylonite
165.3	170.2	Mafic tuff
170.2	172.7	Mylonite
172.7	176.2	Mafic tuff
176.2	194.0	Talc chlorite schist
194.0	196.4	Mafic tuff
196.4	197.6	Quartz eye sericite schist
197.6	204.2	Talc chlorite schist
204.2	205.9	Felsic dike
205.9	206.4	Mafic tuff
206.4	222.7	Talc chlorite schist
222.7	223.7	Mafic tuff
223.7	226.6	Ultramafics
226.6	228.1	Mafic dike
228.1	231.8	Ultramafics
231.8	234.9	Lamprophyre
234.9	240.9	Ultramafics
240.9	242.3	Syenite
242.3	248.9	Mafic tuff
248.9	257.0	Iron formation
	257.0	End of hole

ON-95-4 Hole # 4 was collared at L16+00W/1+50N to drill a strong I.P. anomaly associated with magnetic high.

There is no obvious explanation for the I.P. anomaly. The anomaly may be due to minor pyrite mineralization in basalt.

Summary Log (metres)

From	To	
0.0	9.0	Overburden
9.0	32.5	Basalt
32.5	80.0	Basalt
80.0	140.0	Iron formation
	140.0	End of hole

ON-95-5 Hole # 5 was collared at L50+00w/2+75N to test an I.P. anomaly.

The I.P. anomaly is caused by the presence of up to 10% pyrite in porphyry and basalt and associated with sericite carbonate alteration.

Summary log (metres)

From	To	
0.0	46.0	Overburden
46.0	66.8	Greywacke
66.8	72.3	Diorite
72.3	73.0	Porphyry
73.0	82.2	Basalt
82.2	100.8	Porphyry
100.8	109.3	Basalt
109.3	170.5	Ultramafics
	170.5	End of hole

ON-95-6 Hole # 6 was collared at L50+00w/7+25N to test an I.P. anomaly.
The anomaly is caused by the presence of graphite and graphitic argillite.

Summary log (metres)

From	To	
0.0	41.0	Overburden
41.0	94.8	Conglomerate
94.8	99.1	Greywacke
99.1	102.7	Argillite

ON-95-6 Summary log cont'd.

102.7	103.9	Cherty sediment
103.9	106.7	Siliceous lapilli tuff
106.7	122.4	Siltstone
122.4	123.9	Arenite
123.9	144.3	Felsic Agglomerate
144.3	150.9	Graphitic argillite
150.9	161.7	Basalt
161.7	163.1	Siltstone
163.1	166.4	Porphyry
166.4	178.2	Basalt
178.2	180.5	Porphyry
	180.5	End of hole

ON-95-7 Hole # 7 was collared at L50+00w/1+25N.
The strong magnetic feature is due to magnetite in ultramafic rocks. The I.P. anomaly results from concentrations of pyrite near and within the porphyry intrusion.

Summary log (metres)

From	To	
0.0	17.0	Overburden
17.0	28.5	Peridotite
28.5	43.1	Gabbro
43.1	72.0	Peridotite
72.0	78.8	Diabase
78.8	112.9	Peridotite
112.9	116.4	Mafic dike
116.4	133.4	Ultramafics
133.4	137.4	Porphyry
137.4	139.1	Talc chlorite schist
139.1	163.0	Chlorite carbonate schist
163.0	172.4	Talc chlorite schist
172.4	194.0	Peridotite
	194.0	End of hole.

ON-95-8 Hole # 8 was collared on L60W/7+00S to determine the cause of an I.P. anomaly in the vicinity of the Hardiman Bay Deformation Zone. The I.P. anomaly was due to the presence of pyrite and graphite in chlorite schist adjacent to ultramfics.

ON-95-8 Summary log cont'd.

Summary log (metres)

From	To	
0.0	20.4	Overburden
20.4	35.7	Talc Chlorite Schist
35.7	43.0	Quartz Feldspar Porphyry
43.0	46.3	Talc Chlorite Schist
46.3	69.4	Quartz Feldspar Porphyry
69.4	74.4	Talc Chlorite Schist
74.4	123.4	Granodiorite
	123.4	End of hole.

ON-95-9 Hole # 9 was collared on L48W / 2+50S to determine the cause of a poorly defined I.P. anomaly. The anomaly appears to be caused by talc chlorite schist rather than by the presence of sulphides or graphite.

Summary log (metres)

From	To	
0.0	46.3	Overburden
46.3	66.0	Talc Rich Ultramafics
66.0	73.9	Chlorite Schist
73.9	83.5	Talc Rich Ultramafics
83.5	128.0	Serpentinized Ultramafics
	128.0	End of hole.

ON-95-10 Hole # 10 was collared on L60W / 5+00S to determine the cause of an I.P. anomaly in the vicinity of the Hardiman Bay Deformation Zone. The I.P. anomaly was due to the presence of pyrite and graphite in chlorite schist adjacent to ultramafics.

Summary log (metres)

From	To	
0.0	14.6	Overburden
14.6	90.2	Quartz Feldspar Porphyry
90.2	115.8	Talc Chlorite Schist
	115.8	End of hole.

Otis J Exploration Corp.

NAT RIVER PROPERTY

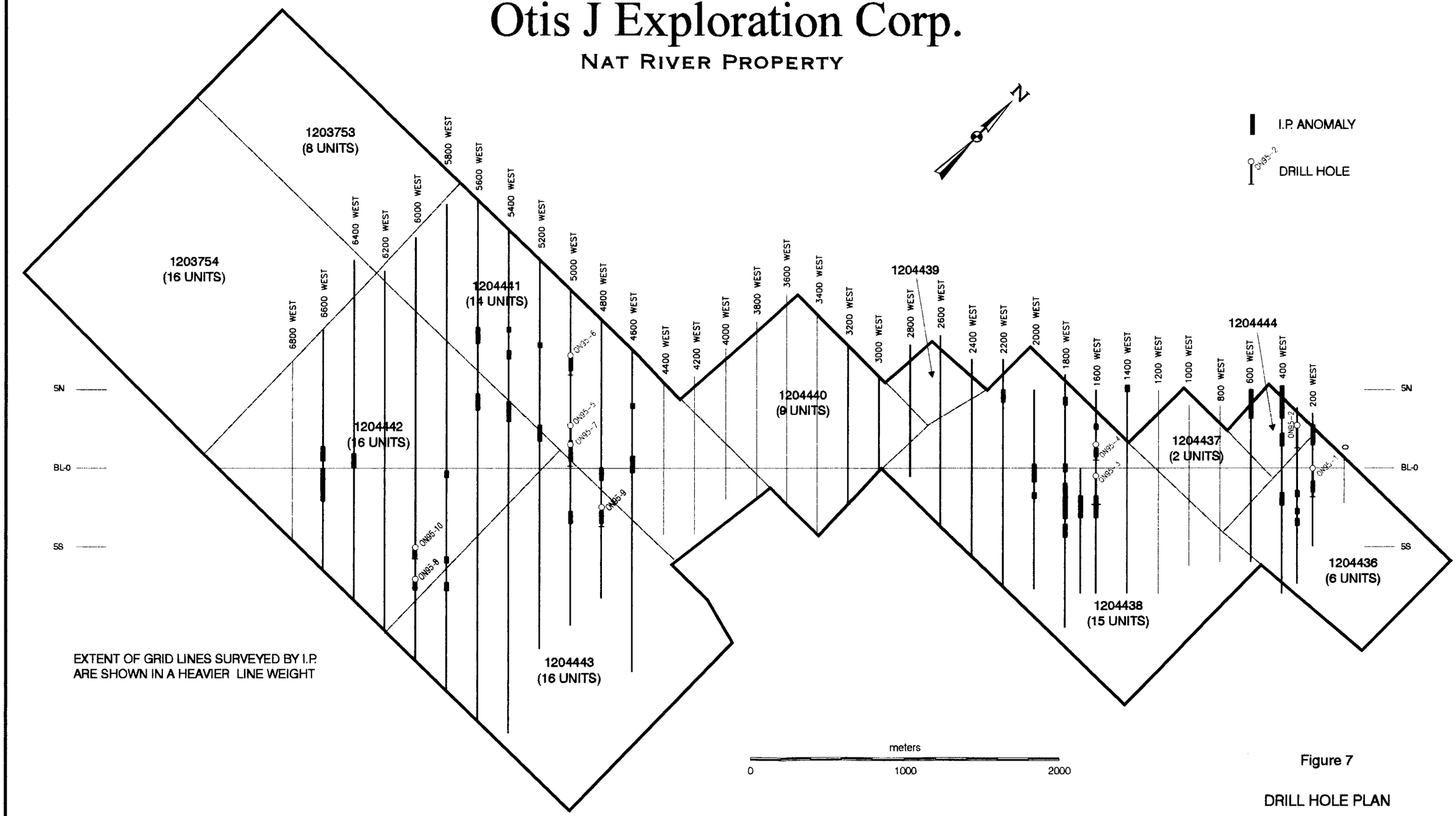


Figure 7

DRILL HOLE PLAN
ON-95-1 TO ON-95-10

Duess Geological Services Ltd.

Dec. '95 NAT-F7.cdr

CONCLUSIONS AND RECOMMENDATIONS

An exploration program consisting of linecutting, geophysical surveying (magnetics and limited I.P.) and diamond drilling was completed on the Nat River Property of Otis J Exploration Corp. during the period of January 16th to December 31st, 1995.

The diamond drill program, consisting of 10 holes totalling 1775.8 metres, was designed to test I.P. and geological targets for gold mineralization and to provide a basic understanding of the geology of the property.

Although no significant gold mineralization was encountered by diamond drilling, the geological setting is considered favourable for hosting economic gold mineralization, and a large portion of the property remains unexplored.

One of the key aspects of the magnetic and I.P. surveying was the definition of southwest trending stratigraphy across the entire property. Even more encouraging is the definition of a very strong southwest trending high strain zone. This zone is comprised of talc chlorite schist, sericite altered porphyry, mylonite and sulphide mineralization. One particular suite of porphyries (characterized as mylonitic, hematized, quartz eye porphyries) are now thought to extend from the vicinity of the Deerfoot Lake discovery to as far as the central part of the Nat River Property (R. S. Middleton, personal communication).

Many of the diamond drill holes intersected variably deformed ultramafic rocks (talc chlorite schist, chlorite carbonate schist), quartz eye sericite schist, and other mylonitic rocks which have been intruded by porphyry systems.This package of rock types with associated structural deformation, alteration and mineralization is similar to that found at several (if not all) of the major gold producing mines in the nearby Timmins area.

Numerous targets remain to be evaluated throughout the property. The southern two-thirds of the property area has yet to be prospected and mapped in spite of the known presence of quartz carbonate veins, ultramafic and porphyritic rocks, and even an unlocated gold occurrence.

In conclusion, the geology and structure which underlie the Nat River Property are considered favourable for hosting a major gold deposit for the following reasons:

- the rocks which underlie the property have been interpreted to represent the geological formations (Tisdale and Deloro Groups) in the nearby Timmins Camp

- the deformation zone-fault structure which passes through the Nat River Property for a strike length in excess of 8 km has been interpreted to be the western continuation of the famous Destor Porcupine Fault Zone. This structure is certainly one of the most prolific gold bearing structures in Canada and continuing exploration along this deformation corridor has resulted in the discovery of several gold deposits such as Hemlo Gold Mines's Lightening and Glimmer deposits.

- Golden Dragon & Glen Auden recently announced the discovery of significant gold mineralization located about 5 miles to the northeast of the Nat River Property.

Based on the foregoing further exploration is warranted in order to evaluate the economic potential of the property.

A Phase I program consisting of linecutting and geophysical surveys (IP and magnetics) is recommended in the extreme west portion of the property as this area was not covered by recent surveying. Furthermore, additional I.P. surveying should be conducted on grid lines which were not surveyed during the recent program. Any I.P. surveying should be conducted during the summer or fall, as it has been noted by the geophysical personnel

that frozen sands on the eskers resulted in poor electrode contact. Geological mapping - prospecting and some mechanical stripping of some targets is also recommended.

A Phase II program consisting of 5,000 feet of NQ diamond drilling would be required in order to test targets as defined in geophysical surveying.

The costs to complete the recommended programs are summarized as follows:

PHASE I: LINECUTTING, GEOPHYSICS, MAPPING - PROSPECTING

Linecutting:	25 km @ $300.00/km	$ 7,500.00
Magnetics:	25 km @ $80.00/km	$ 2,000.00
	I.P. 20 days @ $1,000.00/day	$ 20,000.00
Mapping / prospecting		
- geologist:	40 man days @ $ 400/day	$ 16,000.00
- prospector:	40 man days @ $ 250/day	$ 10,000.00
Trenching washing, sampling		$ 40,000.00
Supervision:		$ 4,500.00
	TOTAL	**$ 100,000.00**

PHASE II: DIAMOND DRILLING

5,000' of NQ @ $17.00 per foot: (all inclusive)	$ 85,000.00
Assaying: 500 samples at $14.00 ea	$ 7,000.00
Geologist & assistant - 45 days at $575 per day	$ 26,000.00
Truck & Travel	$ 6,000.00
Meals & Accommodations	$ 5,000.00
Miscellaneous - including gas, phone, office, core shack and other miscellaneous expenses	$ 5,000.00
Reports, logs, sections etc:	$ 6,000.00
TOTAL	**$ 140,000.00**

Total estimated cost of PHASE I:	$ 100,000.00
Total estimated cost of PHASE II:	$ 140,000.00
Subtotal	$ 240,000.00
10% contingency:	24,000.00
TOTAL:	**$ 264,000.00**

Therefore the recommended program, if fully implemented, is estimated to cost $264,000.00

Respectfully submitted,

Robert Duess, B. Sc.
Consulting Geologist
January 22nd, 1996

CERTIFICATION

I, Robert L. Duess, of the City of Kingston, in the Province of Ontario, Canada, do hereby certify that:

1) I am a consulting geologist, principal of the firm of Robert Duess Geological Services Ltd., with an office located at 5 Buckingham Court, Kingston, Ontario.

2) I am a graduate of the University of Toronto, having obtained an Honours Bachelor of Science Degree in Geology in 1982.

3) I have been practising my profession primarily in Canada since 1980.

4) I am a Fellow of the Geological Association of Canada, and am a member of the Prospectors and Developers Association of Canada.

5) I hold a net smelter royalty interest in the subject property and am a shareholder of Otis J. Exploration Corp.

6) This report on the Nat river Property for is a product of my knowledge of the area and examination of previous work and reports, and information obtained during exploration programs conducted on the property during the period of January 16th to December 31st, 1995.

DATED AT Kingston, this 22nd day of January, 1996

Robert. L. Duess, B. SC.

SELECTED REFERENCES

Assessment Files	Various maps and report as filed with the Ministry of Northern FilesDevelopment and Mines, Timmins, Ontario.
Meikle, R. J., 1995	Report on an Induced polarization Survey on the Nat River Property for Otis J. Exploration Corp.
Pyke, D.R., 1982	Geology of the Timmins area, District of Cochrane; Ontario Geological Survey report 219, 141p. Accompanied by Map 2455, Scale 1:50,000, 3 charts, and 1 Sheet Microfiche.
ODM, 1974	Chapleau-Folyet, Geological Compilation Series, Algoma, Cochrane, and Sudbury Districts; Ontario Division of Mines, Map 2231, Scale 1 in + 4 miles.
O.G.S., 1990	Airborne Electromagnetic and Total Intensity Magnetic Survey, North Swayze -Montcalm Area, Ontario Geological Survey Maps 81377, 81378, 81384. Scale 1:20000.
O.G.S., 1991	Bedrock Geology of Ontario, east-central sheet; Ontario Geological Survey, Map 2543. Scale 1: 1,000,000
Whelan, J.M., 1995	Report on Ground Magnetic Surveys, Nat River Property, Penhorwood Township for Otis J. Exploration Corp.

APPENDIX A

DIAMOND DRILL LOGS

ON-95-1 to ON-95-10

Date: 13 Oct, 1995 - OTIS J. EXPLORATION CORP - Page: 1 of 9

DRILL HOLE RECORD

Northing:	0	Drill Hole:	ON-95-1
Easting:	-200		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	BQ
Collar Dip:	-45	Stored at:	Timmins
		Logged by:	Bruce Durham
Hole Length:	260.00M	Claim:	1204436
Materials Left:	Nat River		
Drilled by:	Norex Drilling Ltd.		
Date Started:	22 Jan. 1995		
Date Finished:	25 Jan. 1995		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***

Depth	Azi.	Dip
100.0	135	-44
218.0	135	-44

Bruce Durham Feb 1/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
.00	30.00	OVERBURDEN					
30.00	54.80	TALC CHLORITE SCHIST Bluish green fine grained highly foliated with occasional to frequent changes in foliation from 70-30 degrees to CA. Carbonate is magnesite vs ankerite. Pyrite <1% except as noted. Little or no quartz, 10% carbonate veining Weak scattered magnetite 30.00 31.50 1% disseminated cubic pyrite. 41.00 50.00 Highly folded variable & tight closure - fold axis appears sub perpendicular to core axis indicating 45 degree plunge to fold axis.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		47.00 50.00 Biotite alteration of some bands prior to folding.					
		51.00 54.80 More broken core with some fault gouge.					
54.80	75.30	CHLORITE CARBONATE SCHIST					
			16401	54.80	56.00	1.20	nil
		Medium green to grey - green. Carbonate rich.	16402	56.00	57.50	1.50	14.000
		Well foliated in places S2 or higher is best developed (axial	16403	57.50	59.00	1.50	7.000
		planar?) From 54.8 entire unit is lighter colored more grey green,	16404	59.00	60.50	1.50	nil
		ankeritic.	16405	60.50	62.00	1.50	3.000
			16406	62.00	63.50	1.50	7.000
		54.80 56.00 Highly sheared <5% quartz carbonate trace pyrite.	16407	63.50	65.00	1.50	nil
			16408	65.00	66.50	1.50	10.000
		56.00 57.50 Highly sheared 5% pyrite quartz vein' irregular up to	16409	66.50	68.00	1.50	3.000
		3 cm ragged pyrite 5%.	16410	68.00	69.50	1.50	nil
			16411	69.50	71.00	1.50	nil
		57.50 59.00 Very sheared and as at 56.	16412	71.00	72.50	1.50	nil
			16413	72.50	74.00	1.50	3.000
		59.00 60.50 Very sheared and as at 56.	16414	74.00	75.30	1.30	7.000
		60.50 62.00 Very sheared and as at 56 veins folded and ragged.					
		62.00 63.50 Very sheared and as at 56.					
		63.50 65.00 Very sheared and as at 56 5% carbonate quartz trace pyrite chalcopyrite.					
		66.50 68.00 5% Carbonate trace pyrite.					
		68.00 69.50 5% Carbonate quartz, 5% pyrite. A little sericite.					
		69.50 71.00 2% pyrite.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		72.50 74.00 More carbonate rich and massive 2% cubic pyrite in last 20 cm.					
		74.00 75.30 Highly sheared 20% quartz carbonate veining.					
		74.00 74.30 Red siliceous zone. Dike? Contains 5% disseminated pyrite.					
		74.00 74.40 Brecciated chloritic, pyrite is disseminated.					
		74.30 74.50 Chlorite carbonate schist 10% fine grained pyrite.					
		74.50 74.85 Quartz carbonate veining.					
		74.85 75.30 Sheared chlorite carbonate schist very late cleavage perpendicular to CA.					
75.30	91.40	PORPHYRY					
			16415	75.30	76.10	.80	nil
		Bleached pyritic porphyry. Very light buff colored silicified	16416	76.10	77.00	.90	nil
		quartz veined massive to sericitic quartz porphyry. Quartz veins	16417	77.00	78.50	1.50	nil
		are white contain only minor pyrite. Slightly more greenish	16418	78.50	80.00	1.50	nil
		sections of porphyry are due to fine grained green sericite and	16419	80.00	81.30	1.30	nil
		usually contain more pyrite up to 10% or more.	16420	81.30	82.90	1.60	nil
			16421	82.90	84.70	1.80	3.000
		75.30 76.10 Strong green mica 5-7% pyrite very little quartz.	16422	84.70	86.20	1.50	7.000
			16423	86.20	87.70	1.50	nil
		76.10 77.00 20% quartz or narrow veining broken masses strong	16424	87.70	89.20	1.50	nil
		green mica in places 5-7% pyrite.	16425	89.20	90.70	1.50	14.000
			16426	90.70	92.20	1.50	7.000
		77.00 78.50 As at 76.1.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		78.50 80.00 As at 76.1.					
		79.80 Very strong green mica plus pyrite.					
		80.00 80.40 More sheared less pyrite, quartz some chlorite schist and fuchsite.					
		80.40 80.60 Chlorite carbonate fuchsite schist.					
		80.60 81.00 Fine grained pink altered and chlorite and/or talc chlorite. 1% fine grained pyrite.					
		81.00 81.30 Chlorite carbonate schist .5% Pyrite.					
		81.30 84.70 Siliceous porphyry minor pink alteration rare quartz vein. Pyrite <2%.					
		81.30 82.90 Siliceous porphyry light cream.					
		82.90 84.70 Siliceous porphyry light cream chilled lower margin.					
		84.70 88.10 Talc chlorite carbonate Schist.					
		84.70 86.20 Trace to .5% pyrite.					
		86.20 87.70 Trace pyrite.					
		87.70 89.20 Talc chlorite schist cut by 45 cm dark green massive intermediate dike. Fault gouge on upper contact.					
		89.40 90.10 Fine grained pink to green dike. Upper contact 50 lower contact 60. 1% pyrite.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		90.3-90.7 Hematized fine grained quartz porphyry .5% pyrite contacts 60-70.					
		90.7-92.2 Irregular hematized porphyry chlorite schist brecciated to 91.4 then medium grained quartz feldspar porphyry or Quartz rich mylonite - quartz sericite schist.					
91.40	130.50	QUARTZ SERICITE SCHIST					
			16427	92.20	93.70	1.50	34.000
		Well preserved but lozenge shaped quartz eyes in sericite matrix	16428	93.70	96.70	3.00	nil
		definite lineation visible. Light gray green bleached to light	16429	96.70	98.00	1.30	nil
		buff in places - foliation @ 50-60. Quartz eyes 10% overall and	16430	98.00	99.50	1.50	nil
		consistent - likely sheared porphyry.	16431	99.50	101.00	1.50	48.000
			16432	101.00	102.50	1.50	10.000
		92.20 93.70 2% fine grained pyrite more pyrite where bleached.	16433	102.50	104.00	1.50	3.000
			16434	104.00	105.50	1.50	nil
		93.70 95.20 2% fine grained pyrite more pyrite where bleached.	16435	105.50	107.00	1.50	7.000
			16436	107.00	108.50	1.50	3.000
		95.20 96.70 2% fine grained pyrite more pyrite where bleached.	16437	108.50	110.00	1.50	51.000
			16438	110.00	111.50	1.50	65.000
		96.70 98.00 2% fine grained pyrite more pyrite where bleached.	16439	111.50	113.00	1.50	27.000
			16440	113.00	114.60	1.60	24.000
		98.00 99.50 Some fine grained material no quartz eyes linch quartz vein and pyrite.	16441	125.00	125.80	.80	3.000
		99.50 101.00 Start of pink alteration 2% pyrite.					
		101.00 102.50 Largely pink altered, quartz eyes vague.					
		102.50 104.00 As at 101.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		104.00 105.50 Strong pink altered 2-3% pyrite some quartz eyes.					
		105.50 107.00 Pink altered 1-2% pyrite.					
		107.00 108.50 Slight pink 2% pyrite.					
		108.50 110.00 Some large quartz eyes 2-4% pyrite heavier near narrow quartz veins.					
		110.00 111.50 More siliceous, massive. Pyrite 5% as disseminated cubic grains.					
		111.50 113.00 Finer grained fewer quartz eyes.					
		113.00 114.60 Pink altered 4% pyrite.					
		113.80 114.10 Chlorite-pink altered dike contacts 50-60.					
		116.90 117.90 Mafic dike? fine grained weak bleaching massive uniform.					
		117.90 118.70 Mafic dike green medium grained intermediate rather equigranular, uniform.					
		118.7 119.2 Hematized chloritic dike.					
		119.2-138.1 Mylonite with some more massive portions becoming darker gray green ie. Less bleached.					
		125.00 125.80 Quartz vein 3% pyrite on walls.					
		132.30 134.40 More bleached lower contact 80 to CA.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
130.50	139.00	CHLORITE CARBONATE SCHIST Fine grained rather fissile.					
139.00	140.30	SYENITE DIKE Two dikes with intervening chloritic schist 1% pyrite No quartz vein or alteration contacts 30-50 and sharp.					
140.30	149.50	MAFIC FLOW Coarse grained flow or Mafic Intrusive.					
149.50	181.80	CHLORITE CARBONATE SCHIST Fine grained mafic volcanic or tuff calcitic fractures throughout. No q v or pyrite. 160.00 162.40 Fine grained massive uniform felsic dike minor chloritic. Non porphyritic to quartz and feldspar porphyry. Trace -1% pyrite relatively unaltered. Contacts 78-80. 175.20 175.85 Felsic tuff or fine grained quartz feldspar porphyry fine grained schistosity Quartz feldspar chlorite unit 1-2% pyrite. No chill margin contact and foliation 80. 176.85 177.20 As per 175.2 but 2-4% pyrite some calcite chlorite					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		alteration.					
		177.60 5 cm of 5% disseminated pyrite.					
		177.80 179.00 As per 175.2 with quartz calcite chlorite fractures.					
181.80	189.60	PERDIOTITE					
		Dark blue black weakly foliated to massive talcose moderately magnetic minor magnesite veining.					
189.60	195.50	FELSIC DIKE					
		Fine grained massive Intermediate Felsic Dyke Very uniform fine grained equigranular medium gray dike. Only alteration. Is hairline late chlorite fractures Contacts irregualr and biotite rich.					
195.50	260.00	PERDIOTITE					
		From 225.3 more obvious shearing -30-70 generally 60.					
		228.3 10 Cm of biotite chlorite alteration. From 237 more sheared banded folded and altered. Becomes thinly laminated (shear. Banded).					
		244.20 5 cm fault gouge.					
		249.30 250.10 Very fine grained ultramyonite or quartz eye tuff -					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		sheared. Minor $.					
		Green amphibole on slips <1% pyrite.					
		254.00 250.50 More talcose.					
		256.00 260.00 A little more chloritic but still ultramafic.					
		260.00 END OF HOLE.					

Date: 13 Oct, 1995 — OTIS J. EXPLORATION CORP - — Page: 1 of 7

DRILL HOLE RECORD

Northing:	275	Drill Hole:	ON-95 2
Easting:	-300		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	BQ
Collar Dip:	-45	Stored at:	Timmins
		Logged by:	Bruce Durham
Hole Length:	206.00 M	Claim:	1204444
Materials Left:	Nat River		
Drilled by:	Norex Drilling Ltd.		
Date Started:	26 Jan 95		
Date Finished:	29 Jan 95		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***

Depth	Azi.	Dip
200.0	135	-37

Bruce Durham Feb 4/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
.00	8.00	OVERBURDEN					
8.00	175.45	BASALT					
			16450	13.70	15.30	1.60	10.000
		Variably bleached Fine grained calcitic rather massive light to	16451	15.30	16.80	1.50	nil
		medium green to banded (not foliated) Possibly tuffaceous -	16452	16.80	18.30	1.50	******
		banding 50-65 Bleaching is highly variable from light buff to	16453	18.30	19.80	1.50	10.000
		strong pink. Bleaching varies from scattered fractures to strong	16454	29.80	31.30	1.50	27.000
		banding parallel to bedding. Complete destruction of primary	16455	31.30	32.50	1.20	24.000
		mineralogy.	16456	32.50	33.20	.70	nil
		Nil pyrite except as noted. Quartz carb gashes- hairline to 2 cm	16457	33.20	34.70	1.50	27.000
		throughout (5%).	16458	34.70	36.20	1.50	48.000
			16459	36.20	37.00	.80	31.000
		13.70 15.30 60% Quartz Carb epidote sericicite and bleached	16460	47.00	48.40	1.40	21.000
		volcanic. .5% pyrite.	16461	48.40	49.30	.90	45.000

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
			16462	51.30	51.80	.50	17.000
15.30	16.80	20% Quartz Carb epidote chlorite and salmon altered zone 15.3-15.9.	16463	80.20	81.30	1.10	10.000
			16464	104.70	105.50	.80	2.000
			16465	105.50	107.00	1.50	nil
16.80	18.30	80% Quartz vein and chlorite. Salmon carbonate 2% pyrite minor chalcopryite and galena.	16466	107.00	108.50	1.50	nil
			16467	108.50	109.70	1.20	nil
			16468	109.70	110.40	.70	nil
18.30	19.80	Bleached volc with salmon alteration and salmon zone 19.1-19.7.	16469	110.40	111.40	1.00	nil
			16470	111.40	112.60	1.20	7.000
			13594	125.70	127.20	1.50	
24.30	24.60	Calcite quartz chlorite vein nil pyrite.	13595	127.20	128.00	.80	
From 29.8 bleaching has some red hematite associated.			13596	128.00	129.20	1.20	
			13597	129.20	130.70	1.50	
29.80	31.30	20% irregular carbonate quartz veining .1% pyrite some red hematite alteration.	13598	130.70	132.20	1.50	
			13599	138.00	139.50	1.50	
			13600	139.50	140.60	1.10	
31.30	32.50	5% quartz carb vein strong light grey bleaching.	9501	147.70	148.70	1.00	7.000
From 32 with 3-5% fine grained pyrite.			9502	148.70	149.80	1.10	10.000
			9503	156.30	157.60	1.30	10.000
32.50	33.20	2% fine grained pyrite some light grey bleaching 5% carbonate quartz veining.					
33.20	34.70	5% carbonate quartz gashes and veins 4% pyrite.					
34.70	36.20	5-10% quartz gashes and veins.					
36.20	37.00	Bleached completely to 36.7 with 1-2% very fine grained pyrite.					
36.70	37.00	Carbonate fractures.					
37.00	47.00	Scattered bleached sections.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		47.00 48.40 Bleached hematized, cut by 40% Quartz Carb. Up to 10% diss pyrite - 3% overall somewhat brecciated.					
		48.40 9.30 As at 47 but less quartz carb - 10% pyrite 2%.					
		51.30 51.80 As at 48.4 bleached zone and 3% fine grained pyrite.					
		55.55 55.80 Quartz carbarbonate salmon alteration.					
		57.10 58.30 Possible mafic syenite? dikes - coarser fresher.					
		58.30 69.30 Generally less bleached more massive coarser grained darker green - it is unclear if this zone varies due to lack of alteraton or is a more massive flow or sill.					
		73.00 73.60 Quartz carbonate, nil pyrite, chloritic.					
		80.20 81.30 Carbonate quartz chlorite breccia and leucoxene 4% pyrite.					
		From approximately 89 m basalt becomes a little more freqently bleached to a lighter green minor quartz quartz carbonate.					
		88.75 89.00 Quartz carb chlorite.					
		104.70 105.50 Quartz carbonate with 30 cm salmon altered zone containing 3% pyrite to 5 MoS2?.					
		From 197 more bleached, more carbonate quartz rich.					
		105.50 107.00 Relatively unaltered.					
		107.00 108.50 Moderte bleaching carb quartz breccia pyrite <1%.					
		108.50 109.70 Stronger bleaching only minor carbonate quartz					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		pyrite <1% to minor salmon colored bleaching.					
		109.70 110.40 Silicified brecciated 3% pyrite dull grey pyrite? sulfides on fractures brecciated.					
		110.40 111.40 40% quartz carbonate brecciated chloritic, weak shearing 1% pyrite.					
		111.40 112.60 20% quartz carbonate brecciated .5% pyrite.					
		113.90 118.70 More massive unaltered.					
		118.70 Strongly bleached weakly carbonatized and somewhat variably brecciated, some epidote alteration.					
		125.70 127.20 Brecciated and quartz epidote chlorite alteration.					
		127.20 128.00 Less altered and brecciated.					
		128.00 129.20 5 Highly brecciated and fault brecciated 20% quartz. Pyrite <2%.					
		129.20 130.70 Highly brecciated 10% quartz 1% pyrite. Moderate epidote.					
		130.70 132.20 Highly brecciated 10% quartz 30% of interval is salmon colored alteration.					
		132.20 138.00 Variable bleached basalt light to medium green.					
		138.00 139.50 Basalt is completely bleached to light salmon color, silicified, fractured, extremely fine grained minor silica flooding.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		139.50 140.60 As per 138 m .5% fine grained pyrite.					
		140.60 147.70 Only weakly bleached local fold CA 20-60.					
		147.70 148.70 Sharp contact to salmon colored mass fractured Aplite or altered zone.					
		148.70 156.30 Massive dark green unlatered fine grained, appears to be Fe tholeiite.					
		156.30 157.60 30 cm quartz vein trace chalcopryite at start of interval. Remainder is light green basalt cut by carbonate quartz fractures <20%, <2% pyrite.					
		157.60 164.00 ~ 5% carbonate quartz fractures.					
		164.00 175.45 Massive dark green fine grained basalt cut by occasional white carbonate or slightly grey quartz veining. Nil pyrite and alteration.					
		168.60 169.10 Bleached buff quartz carbonate epidote minor sericerite in brecciated portion. Sharp lower contact.					
175.45	184.00	BASALT					
			9504	180.80	181.30	.50	3.000
		Bleached Basalt. Strongly variably bleached, cut by carbonate veining some bleached sections are pale buff while others are salmon colored. These zones are defnitely not dikes. Core angles variable 0-70 Pyrite trace .5%.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		175.45 176.25 Strong bleaching.					
		180.80 181.30 Bleached, quartz vein - 20 cm.					
		182.20 183.50 Strongly bleached trace pyrite.					
184.00	186.50	BASALT					
		Leucoxene basalt. Dark green foliated (parallel to CA) finely banded somewhat crenulated minor carbonate fractures.					
186.50	202.90	BASALT					
			9505	201.30	202.90	1.60	14.000
		Basalt (Komatiitic?) Dark green carbonate altered, massive to moderately foliated carbonate in factures and in groundmass. Trace Pyrite.					
		186.50 186.80 Bleached. Becoming more bleached by 190 m.					
		192.50 192.90 Completely bleached to buff color nil pyrite.					
		193.90 194.10 Heterolithic Fault breccia.					
		194.10 194.20 Salmon colored.					
		194.60 1947.00 Heterolithic Fault breccia.					
		195.05 3 cm of 5% disseminated pyrite in bleached zone.					
		197.00 201.50 Appears tuffaceous or variolitic?.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	Au PPB
		201.30 202.90 More altered hematized pyritic section cut by white carbonate and quartz. Pyrite 3-4% overall as fine grained and clots of cubic pyrite. Stronger deformation.					
202.90	206.00	ULTRAMAFICS Ultramafic dark blue black slightly talcose magnesite chlorite schist highly deformed, brecciated. 206.00 END OF HOLE.					

Date: 13 Oct, 1995 - OTIS J. EXPLORATION CORP - Page: 1 of 8

DRILL HOLE RECORD

Northing:	-50	Drill Hole:	ON-95-3
Easting:	-1600		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	BQ
Collar Dip:	-45	Stored at:	Timmins
		Logged by:	Bruce Durham
Hole Length:	257.00 M	Claim:	1204438
Materials Left:	Nat River		
Drilled by:	Norex Drilling Ltd.		
Date Started:	30 Jan 95		
Date Finished:	2 Feb 95		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***

Depth	Azi.	Dip
100.0	135	-40
221.0	135	-35

Bruce Durham Feb 7/95.

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
.00	9.00	OVERBURDEN					
9.00	17.40	ULTRAMAFICS					
		Chlorite schist - Dark blue black finely shear banded crenulated folded. Nil pyrite and alteration except as noted.	9506	10.20	11.10	.90	nil
		10.20 11.10 Qtz - white carbonate veins and orange carbonate? very little pyrite. Non magnetite.					
17.40	101.70	ULTRAMAFICS					
		Light grey green foliated, deformed chlorite carbonate sericicite altered ?. Non magnetic carbonate fractures (irregular) throughout. Minor quartz veining throughout. Pyrite nil to trace.	9507	23.20	23.70	.50	10.000
			9508	23.70	24.40	.70	7.000
			9509	32.30	33.30	1.00	nil
		23.20 23.70 Hematite alteration and 2% pyrite speck of galena.	9510	33.30	34.80	1.50	nil
		23.70 24.40 Salmon altered zone with vague fuchsite on margins <1% pyrite.	9511	34.80	36.00	1.20	nil
			9512	36.00	37.50	1.50	3.000
		26.00 27.00 Vague Fuchsite.	9513	37.50	38.50	1.00	nil

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		32.30 33.30 20% quartz vein and minor fuchsite trace chalcopyrite.	9514	38.50	39.50	1.00	nil
		33.30 34.80 Very little veining.	9515	39.50	41.00	1.50	nil
		34.80 36.00 15 cm quartz fuchsite vein at 35 minor fuchsite	9516	41.00	42.00	1.00	3.000
		through section.	9517	42.00	43.50	1.50	3.000
		36.00 37.50 Less altered 5% quartz ankerite veins trace pyrite	9518	43.50	45.00	1.50	10.000
		minor fuchsite.	9519	45.00	46.50	1.50	nil
		37.50 38.50 15% quartz ankerite fuchsite veins trace pyrite	9520	46.50	48.00	1.50	nil
		chalcopyrite.	9521	48.00	49.50	1.50	7.000
		38.50 39.50 5-10% quartz ankerite fuchsite veining trace pyrite.	9522	49.50	51.00	1.50	nil
		42.00 43.50 10% quartz ankerite fuchsite veins trace chalcopyrite	9523	51.00	52.00	1.00	3.000
		in veins.	9524	52.00	53.00	1.00	nil
		43.50 45.00 10% quartz ankerite fuchsite veins trace chalcopyrite.	9525	53.00	53.90	.90	nil
		45.00 46.50 <5% quartz ankerite veins.	9526	53.90	54.50	.60	nil
		46.50 48.00 <5% quartz ankerite veins.	9527	54.50	56.00	1.50	7.000
		48.00 53.10 Frequent quartz ankerite fuchsite veins and brown	9528	62.20	63.10	.90	14.000
		carbonate? alteration trace chalcopyrite in veins.	9529	63.10	64.30	1.20	31.000
		48.00 49.50 10% quartz veining trace pyrit chalcopyrite.	9530	64.30	65.30	1.00	******
		49.50 51.00 10% quartz veining trace pyrite.	9531	65.30	66.30	1.00	nil
		52.00 3.00 15% quartz veining trace pyrite chalcopyrite.	9532	66.30	67.30	1.00	3.000
		53.00 53.90 2-15 cm quartz veining and fuchsite.	9533	67.30	68.20	.90	nil
		53.90 54.40 50% red altered (hematite?) and 10-15% disseminated	9534	68.20	69.40	1.20	nil
		pyrite blebs no quartz veining.	9535	69.40	70.90	1.50	3.000
		54.40 56.00 Minor quartz veining.	9536	70.90	72.40	1.50	3.000
		62.20 63.10 Lighter grey siliceous 20% quartz vein material often	9537	72.40	73.10	.70	nil
		broken.	9538	73.10	74.50	1.40	7.000
		63.10 64.30 More strongly sheared, chlorite carbonate quartz	9539	74.50	76.00	1.50	3.000
		veining 30%.	9540	76.00	76.70	.70	nil
		64.30 65.30 Interval is 50% very thinly laminated brownish.	9541	76.70	77.20	.50	41.000
		Red magnetite pyrite Iron formation (Pyrite is secondary?)	9542	77.20	78.70	1.50	10.000
		Magnetite and pyrite occur as discrete very fine grains set in	9543	78.70	79.40	.70	7.000
		cherty groundmass. This material appears interbedded and highly	9544	84.30	85.80	1.50	21.000
		folded.	9545	85.80	87.30	1.50	3.000
		65.30 66.30 Foliated subparallel to CA 10% auartz veining trace	9546	87.30	88.80	1.50	nil

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		pyrite.	9547	94.40	95.40	1.00	nil
		66.30 67.30 10% quartz veining.	9548	95.40	96.90	1.50	3.000
		67.30 68.20 70% quartz veining with fuchsite trace chalcopyrite pyrite.					
		68.20 69.40 10% quartz veining with fuchsite trace chalcopyrite pyrite.					
		69.40 70.90 15% quartz veining with fuchsite.					
		70.90 72.40 20 cm quartz veining with fuchsite minor chalcopyrite beginning of interval.					
		72.40 73.10 Crenulated.					
		73.10 74.50 10% quartz veining with fuchsite trace chalcopyrite.					
		74.50 76.00 No quartz veining - 76-76 7 No quartz veining.					
		76.00 76.70 (Red altered pyritic siliceous and chalcopyrite magnetite in veins as coarse blebs and xtals.).					
		76.70 77.20 Red altered pyritic siliceous with minor chalcopyrite mand magnetite in veins as coarse blebs and xtals.					
		77.20 78.70 10% QV.					
		78.70 79.40 60% QV and 5%chalcopyrite and fuchsite.					
		84.30 85.80 30 cm foliated reddish brown siliceous carbonate rich band 10% disseminated pyrite (near 84.3).					
		85.50 87.30 30% quartzt carbonate fractures irregular.					
		87.30 88.80 30% larger quartz carbonate veins irregular.					
		88.80 94.40 Highly foliated frequent (10%-15%) Quartz carbonate fractures are ragged and generally barren.					
		94.40 95.40 75 cm quartz chlorite carbonate vein trace pyrite chalcopyrite.					
		95.40 96.90 Includes 20-30 cm reddish brown hematite zones 2-5% pyrite.					
		99.00 99.80 50% quartz vein trace fuchsite pyrite.					
101.70	119.00	TALC CHLORITE SCHIST Fault Zone (Serpentine) Highly brecciated, fractured talc chlorite rich fault zone veining where present is much more carbonateb rich					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		quartz carbonate vein and near 102-103 are completely broken chloritic quartz rich fault gouge at 101.7-102.7. 108.50 3 cm magnetite rich band folded nearly parallels CA. 109.00 112.00 10% or more carbonate veining, barren, less faulted with depth - weakly magnetic. Highly deformed.					
119.00	123.70	MAFIC TUFF Chlorite - calcite altered mafic tuff. Fine grained, thinly banded, highly foliated mafic tuff, non magnetic. 119.00 120.00 5 Quartz veins 3-20 cm wide, all barren.	9550	119.00	120.00	1.00	nil
123.70	130.90	INTERMEDIATE TUFF Intermediate tuff - sericitized, aphanitic to very fine grained slightly trace weakly sericitized minor leucoxene pyrite .5% as dissiminated grains (cubic). Occasional more mafic interbeds very little quartz and/or carbonate veining or alterationn. Slight brownish red color. 123.70 124.50 1-2% fine grained pyrite.					
130.90	152.20	MAFIC FLOW Fine grained to medium grained foliated to rather massive calcitic to unaltered light to medium green cut by <5% carbonate rich veinlets. 141.00 141.30 More bleached section 1% pyrite, some sections contain 1 - 2% leucoxene. 141.50 142.00 4 narrow (1 cm) veinlets cut core @ 80 and contain hematite. 146.60 147.60 Chlorite carbonate and pyrite. 147.60 148.60 Red altered zones minor quartz 2-3%. 148.60 149.80 Chloritic vein with calcite. 149.80 151.70 Felsic dike. Massive uniform equigranular weakly sericitic and fractured.	9552 9553	146.60 147.60	147.60 148.60	1.00 1.00	45.000 3.000

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
152.20	161.20	TALC CHLORITE SCHIST Fine thinly laminated very highly deformed scattered moderately magnetic sections, rare disseminated pyrite. 160.90 161.10 Medium grained syenitic dike. Contacts parallel to foliation.					
161.20	162.20	MAFIC TUFF Fine grained mafic tuff. Chloritic calcitic altered mafic tuff banding @ 70-80.					
162.20	165.30	FELSIC MYLONITE Fine grained siliceous tuff or mylonite likely mylonite with quartz Eyes. Highly deformed thinly laminated and banded. Light. Grey green to reddish altered. 162.20 163.70 Pink altered and containing quartz eyes (deformed) 2% pyrite.					
165.30	170.20	MAFIC TUFF Mafic Tuff - Mylonite. Pyrite 1% and felsic bands. Larger felsic bands. 166.10 166.40 Felsic - pink altered. 167.45 167.70 Felsic - pink altered.					
170.20	172.70	FELSIC MYLONITE Felsic Mylonite (Porphyry?). Massive to moderate sheared mod sericitized. Weakly chloritic zone of mylonite 30% quartz as shear banded vein. Material. Pyrite as fine grains and. Clots.					
172.70	176.20	MAFIC TUFF Mafic Tuff or sheared flows as above.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
176.20	194.00	TALC CHLORITE SCHIST Highly irregular banded biotitic sections. Highly deformed. - minor pyrite scattered magnetite bands. Very irregular foliation. 178.50 178.90 Brecciated pink altered felsic dikes 3% pyrite. 179.80 180.20 Felsic dike or silicified zone 2-5% fine grained pyrite. 182.50 182.70 As at 179.8. From 190 occ 5 to 20 cm red altered zones. 192.40 193.60 Fine grained red altered 1-2% fine grained pyrite.					
194.00	196.40	MAFIC TUFF Or shreared volcanic as per above.					
196.40	197.60	SERICITE SCHIST Quartz eye sericite schist. Highly sheared fissile white schist quartz eyes are strained - green mica alteration at lower edge some mafic interbands foliation 80.					
197.60	204.20	TALC CHLORITE SCHIST From 199.4-200.9 more greenish.					
204.20	205.90	FELSIC DIKE Red to grey medium grained massive fractured uniform dike 1-2% disseminated cubic pyrite. Contact 70.					
205.90	206.40	MAFIC TUFF					
206.40	222.70	TALC CHLORITE SCHIST Highly deformed, thinly laminated. Core angles variable. Some biotite altered sections. 212.50 213.20 Very biotite rich. 214.50 215.10 40% pyrite cubes coarse grained.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
222.70	223.70	MAFIC TUFF					
223.70	226.60	ULTRAMAFICS More massive uniform talcose UM- Unclear if this is a primary fracture, or alteration of more massive unit adjacent to dike below.					
226.60	228.10	MAFIC DIKE Fine grained maassive mafic dike very fine grained uniform weakly magnetic,. Aphanitic contacts. Diabase.					
228.10	231.80	ULTRAMAFICS Massive uniform talc rich (as above).					
231.80	234.90	LAMPROPHYRY Brown to greenish black calcite chloritic filled vugs. Aphanitic chill margins.					
234.90	240.90	ULTRAMAFICS As above.					
240.90	242.25	SYENITE DIKE Medium grained massive rather uniform with chlorite (after hematite) clots.					
242.25	248.90	MAFIC TUFF Highly variable green chloritic to dark brownish red TCS to more. Massive MT. Diab. 243.4 243.6.					
248.90	257.00	IRON FORMATION					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		Chert - Sulfide- Magnetite Iron Formation.					
		Aphanitic to very fine grained chert layered to laminated @ 55 70					
		257.00 END OF HOLE.					

Date: 13 Oct, 1995 - OTIS J. EXPLORATION CORP - Page: 1 of 2

DRILL HOLE RECORD

Northing:	150	*** Dip Tests ***			Drill Hole:	ON-95-4
Easting:	-1600	Depth	Azi.	Dip	Property Name:	Nat River
Elevation:	0				Township:	Penhorwood
Collar Azi.:	135				Core Size:	BQ
Collar Dip:	-45	100.0	135	-43	Stored at:	Timmins
					Logged by:	Rick Sproule
Hole Length:	140.00 M				Claim:	1204438
Materials Left:	Nat River					
Drilled by:	Norex Drilling Ltd.					
Date Started:	03 Feb 95					
Date Finished:	05 Feb 95					
Purpose:	To Test I.P. Anomaly.					

Bruce Rhumbar
Feb 10/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
.00	9.00	OVERBURDEN					
9.00	23.50	BASALT Mixed Basalt and feldspar porphyry and 9-13 m broken.					
23.50	32.50	BASALT Dark green competent basalt. 26.20 26.40 K feldspar on porphyry contact. 30.50 32.00 Minor quartz veining trace pyrite. 32.30 32.50 Fault gouge.					
32.50	80.00	BASALT Fine grained basalt with olivine, Anhedral <1 mm-5m across, slightly magnetic. By 62 m fracture angles up to 50 to core axis. 77 m minor amount of spinnifex texture.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
80.00	140.00	IRON FORMATION					
		Medium to dark grey banded iron formation nil to trace sulphide.	9568	100.30	101.30	1.00	7.000
		Banding @70-90 TCA. Banding contorted 93-93.5 m.	9569	101.30	102.30	1.00	nil
		91.00 120.50 Chlorite altered.	9570	102.30	103.30	1.00	7.000
		95.10 99.50 Hematite Staining.	9571	103.30	104.00	.70	3.000
		100.30 103.90 Zone of quartz veining (less than or equal to) 1%	9572	116.20	117.20	1.00	7.000
		Brecciated veins 10-20 cm.	9573	117.20	117.90	.70	7.000
		117.20 117.90 Zone of quartz flooding with hematite staining.	9574	117.90	118.90	1.00	nil
		117.90 119.50 Zone of quartz veining contorted 40 to 0 to core	9575	118.90	119.50	.60	3.000
		axis trace pyrite.	9576	128.50	129.50	1.00	nil
		128.50 140.00 Echeleon more silicoeous zones less magnetic less	9577	133.60	134.60	1.00	7.000
		py. Qtz rich zones 128.5-129.5.	9578	137.10	137.80	.70	3.000
		133.60 134.60 Trace pyrite.					
		137.10 137.80 Trace pyrite.					
		140.00 END OF HOLE.					

Date: 13 Oct, 1995 - OTIS J. EXPLORATION CORP - Page: 1 of 3

DRILL HOLE RECORD

Northing:	275	Drill Hole:	ON-95-5
Easting:	-5000		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	BQ
Collar Dip:	-45	Stored at:	Timmins
		Logged by:	Bruce Durham
Hole Length:	170.50 M	Claim:	1204441
Materials Left:	Nat River		
Drilled by:	Norex Drilling Ltd.		
Date Started:	06 Feb 95		
Date Finished:	10 Feb 95		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***

Depth	Azi.	Dip

Bruce Durham Feb 14/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
.00	46.00	OVERBURDEN					
46.00	66.80	GREYWACKE					
		Medium dark grey greywacke.	9579	62.10	63.10	1.00	7.000
		46.00 46.10 Qtz rich porphyritic zone. No noticeable sulphide.					
		62.10 63.10 Porphyry dyke with some quartz veining.					
66.80	72.30	DIORITE					
72.30	73.00	PORPHYRY					
		Qtz feldspar porphyry. Contactat 60 degrees to core axis. 1% fine grained pyrite. Some fuchite on contacts on quartz veinlets.	9580	72.30	73.00	.70	10.000
73.00	82.20	BASALT					
		Dark green fine grained basalt.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
82.20	100.80	PORPHYRY					
		Pale pink to light grey quartz porph (siliceous). Some qtz veining	9581	82.20	83.20	1.00	nil
		@40-60 TCA. Top contact sharp @90 TCA.	9582	83.20	84.20	1.00	7.000
		82.20 83.10 Hematite stained unit contains fine grained pyrite.	9583	84.20	85.20	1.00	7.000
		Cpy and moly in amounts (less than or equal to) 1%.	9584	85.20	86.20	1.00	10.000
		98.00 -100.10 Smoky grey qtz veins 2-10 mm wide C?? Corg @ 10 TCA.	9585	86.20	87.20	1.00	3.000
		97.80 100.80 Hematite Staining common.	9586	87.20	88.20	1.00	nil
			9587	88.20	89.20	1.00	3.000
			9588	89.20	90.20	1.00	nil
			9589	90.20	91.20	1.00	nil
			9590	91.20	92.20	1.00	3.000
			9591	92.20	93.20	1.00	7.000
			9592	93.20	94.20	1.00	7.000
			9593	94.20	95.20	1.00	7.000
			9594	95.20	96.20	1.00	3.000
			9595	96.20	97.20	1.00	3.000
			9596	97.20	98.20	1.00	7.000
			9597	98.20	99.20	1.00	nil
			9598	99.20	100.20	1.00	7.000
			9599	100.20	100.80	.60	3.000
100.80	109.30	BASALT					
		Med grained dark green Basalt. Top contact sharp @ 90 TCA. Bottom	9600	100.80	101.80	1.00	10.000
		contact gradational.					
109.30	170.50	ULTRAMAFICS					
		Dark green fine grained Ultramafic basalt.	9601	110.00	111.00	1.00	3.000
		110.00 111.00 Qtz vein sharp top contact at 85 TCA, bottom contact					
		fault gouge, Vein contains ~ 1% py po.					
		113.00 133.00 Hard but with many graphitic faced fracture zones.					
		Core rubbly in many places ~ 50%.					
		133.00 More magnetic.					
		145.50 146.00 Large blebs of quartz 20-50 mm. Below 154 coarser					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		grain and no graphitic slips.					
		168.00 170.50 Core more broken and chloritic graphite reappearing on fracture faces.					
		170.50 END OF HOLE.					

Date: 13 Oct, 1995 — OTIS J. EXPLORATION CORP — Page: 1 of 5

DRILL HOLE RECORD

Northing:	725	Drill Hole:	ON-95-6
Easting:	-5000		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	BQ
Collar Dip:	-45	Stored at:	Timmins
		Logged by:	Bruce Durham
Hole Length:	180.50 M	Claim:	1204441
Materials Left:	Nat River		
Drilled by:	Norex Drilling Ltd.		
Date Started:	11 Feb 95		
Date Finished:	17 Feb 95		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***

Depth	Azi.	Dip

Bruce Durham Feb 17/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
.00	41.00	OVERBURDEN					
41.00	94.80	CONGLOMERATE Conglomerate or volcaniclastic conglomerate. Quite variable, coarse, inhomogeneous deformed fragmental with more chloritic or biotite rich (greywacke) or silt interbeds. Predominant clasts within this clast supported section are quartz feldspar porphyry quartz eye rhyolite, feldspar porphyry. Others include mafic volcaanic and chert. Deformation and metamorphism make these observations somewhat tentative. It is possible that the clast types, which range up to <10 cm may in fact represent deformed beds within a tuffaceous sedimentary sequence. There is little significant alteration or mineralization in the sequence. Metamorphic grade appears to be upper greenschist with brownish green chlorite the common matrix alteration products while feldspar and sericite are common minor alteration products within					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		the felsic (and intrusive?) clasts. While bedding attribules are difficult to discern, bedding appears to be ~ 55-70 to CA. Entire unit is clast supported except occasional matrix supported sections. 51.7-52 Chloritic section - mafic dike? weak calcite fracturing. 52.2-52.8 Fine grained biotite chlorite section no clasts. From 57-58 minor calcitic fracturing. 58.8-61.9 Broken core. 65.95-66.4 Feldspar porphyry fine grained distinctive crowded texture only moderately bleached light greenish brown matrix contacts 50 & 60. From 70 m clasts become less obvious. 77.70 Barren grey qtz veins (gashes). 85.6-88.8 Aphanitic to fine grained mafic - likely diabase dike contacts 50&55 degrees. 91.5-92.4 Fine grained mafic dike massive uniform unaltered.					
94.80	99.10	GREYWACKE Siliceous (Silicified) fine grained dark brown (and green) aphanitic to fine grained biotite chloritic cherty (silificied) section, similar to matrix material of overlying unit. Occasional chert or silicified broken beds are present. Some hairline calcitic fractures throughout. Weakly sheared.	9622	99.00	100.50	1.50	2.000
99.10	102.70	ARGILLITE Chert & graphitic argiillite. Aphanitic siliceous light beige to cream colored chert with interbedded graphitic argillaceous. Interbeds. Some fracturing throughout. 100.00 100.40 Graphitic slickensides some quartz calcite +/- pyrite (lost core ~0.4 m). 99.0-100.5 As at 100.00.	9623	100.50	102.70	2.20	nil
102.70	103.90	CHERTY SEDIMENT					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		Fine grained Cherty Sediment. Very similar to 94.8 but a little more bleached and siliceous.	9624	102.70	103.90	1.20	nil
103.90	106.70	LAPILLI TUFF Siliceous Lapilli Tuff. Light to medium beige grey tuff with tuffaceous (sedimentary?) clasts ranging up to 1 cm x 3 cm (rare). Clasts are flattened and of mafic to rhyolitic composition. Alteration consists of sericite (moderate). Some mafic fragments altered to green mica. Sulfides pyrrhotite; py as irregular disseminated clots and grains.	9625 9626	103.90 105.40	105.40 106.70	1.50 1.30	nil nil
106.70	122.40	SILTSTONE Feldspathic wacke - Siltstone. Green and brown interbedded siltstone to feldspathic wacke with occasional graphitic argillite interbeds. Bleaching of some brownish siltstone material to a light beige green colour. Massive rather uniform cream to pink feldspar dominated. Sediment resembles feldspar porphyry but is uniform grain sized with no chill margin. Feldspar 80%?.					
122.40	123.85	ARENITE Arenite. As above but less altered more beige in colour. As above feldspar crystals rounded vague. Unit is massive unaltered. 123.00 123.80 Mafic dike. Fine grained contacts more medium grained in core, unaltered. No mica.					
123.85	144.30	FELSIC AGLOMERATE Rhyolite Agglomerate. Light cream coloured to dark grey brown. Cherty aphanitic rhyolitic material with only minor matrix material which is of similar composition with the exception of some chloritic material - clasts? Some (minor) of the chloritic material is altered to green mica. 129.50 129.60 Mafic dike. Rhyolite fragments vary from <2 cm to 8 cm or more.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
144.30	150.90	GRAPHITIC ARGILLITE					
		Graphitic Argilliti, Greywacke. Very fine grained interbedded siltstone wacke and argillite from 146.3-149.3 massive graphitic argillite containing <5% pyrite.	9627	148.80	149.40	.60	7.000
		148.80 149.35 60% qtz calcite veining <1& py tr cpy gf frags in veins.					
150.90	160.80	BASALT					
		Tholeiitic (Fe) Basalt-Tuff? Fine grained medium green chlorite somewhat patchy bleaching.	9628	151.50	152.20	.70	nil
		151.55 152.20 Bleached Basaltic material mineralized with 10-15% disseminated to clotted pyrite and lesser pyrrhotite. May in fact be narrow exhalite zone deformed and sulfide re-mobilized.					
		155.50 156.10 Feldsparthic arenite or dike. Sharp lower contact.					
160.80	161.70	BASALT					
		Calcitic basalt (Dike). Massive calcitic ground massive uniform.					
161.70	163.10	SILTSTONE					
		Silicified siltstone? Aphanitic, moderately bleached (from brown to beige) fractured cherty sediment.	9629	162.80	163.70	.90	nil
		162.70 163.70 Silicifiedd 2% disseminated pyrite 25 cm quartz vein glassy.					
163.10	166.40	PORPHYRY					
		Feldspar Porphyry. 90% feldspar (equigranular), vague crystals in similar ground mass, beige-white where bleached. Some chloritic and sedimentary material assimilated? Ragged glassy quartz veins @.	9630	163.70	164.70	1.00	nil
			9631	164.70	165.40	.70	nil
			9632	165.40	166.40	1.00	2.000
		163.50 15 cm trace pyrite.					
		165.20 10 cm 1-2% pyrite.					
		165.80 166.40 80% quartz 2-3% pyrite.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
166.40	173.75	BASALT Basalt (Fe Tholeiite?) Bark green to brownish moderately fractured, bleached, some epidote. 166.40 167.40 10% quartz calcite veining. 167.80 168.10 Vague feldspar porphyry?.	9633	166.40	167.80	1.40	nil
173.75	177.25	PORPHYRY As at 163.1.					
177.25	178.20	BASALT As at 166.4.					
178.20	180.50	PORPHYRY As at 163.1. More light pink colored from 129.5. 180.50 END OF HOLE.					

Date: 13 Oct, 1995 - OTIS J. EXPLORATION CORP - Page: 1 of 4

DRILL HOLE RECORD

Northing:	125	Drill Hole:	ON-95-7
Easting:	-5000		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	BQ
Collar Dip:	-55	Stored at:	Timmins
		Logged by:	Bruce Durham
Hole Length:	194.00 M	Claim:	1204441
Materials Left:	Nat River		
Drilled by:	Norex Drilling Ltd.		
Date Started:	17 Feb 95		
Date Finished:	20 Feb 95		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***
Depth Azi. Dip

Bruce Durham Feb 19/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
.00	19.00	OVERBURDEN					
19.00	28.50	PERDIOTITE Very fine grained to aphanitic massive to moderately foliated strongly magnetic black to very dark grey. Section is magnetie rich. No visible olivene. Non talcose. 27.90 28.50 Contact zone more bleached, weakly magnetic massive uniform.					
28.50	43.10	GABBRO Very massive generally uniform fine grained to medium grained equigranular with minor more porphyroblastic sections. Unit is unaltered and only weakly fractured.					
43.10	72.00	PERDIOTITE As per 17.0.	9602	66.50	68.00	1.50	nil

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
72.00	78.80	DIABASE Fine grained massive, fractured rather uniform dike. Moderately magnetic contacts broken core.					
78.80	112.85	PERDIOTITE As at 17.0. A little greenish from 84.0-87.5. A little greenish from 94-95.1. A little greenish from 99.6-100.6. 104.65 108.50 Mafic dike, fine grained massive to moderately fractured dark green to greenish brown. Moderately magnetic.					
112.85	116.40	MAFIC DIKE Fine grained mafic dike. Massive uniform greenish brown lower contact 50. Moderately magnetic.					
116.40	133.40	ULTRAMAFICS Talc Rich UM. Dark grey-grey blue generally massive to moderately foliated. Talc magnesite rich UM. Non to weakly magnetic occasional coarse grained pyrite crystal. 127.00 127.40 Fault gouge material. 127.45-128.15 Rather poikiloblastic, more abundant carbonate veining from 128 m. 129.8-131.5 More highly sheared. 131.5-132 Carbonate quartz vein 2% pyrite. 132-132.4 Pyritic chlorite schist 10% pyrite. 132.4-132.7 Quartz calcite vein 1% pyrite. 132.7-133.4 Chlorite carbonate talc schist. Highly deformed later cleavage @80% CA.	9603 9604	131.50 132.00	132.00 133.40	.50 1.40	2.000 nil
133.40	137.40	PORPHYRY					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
		Siliceous Porphyry. Variably bleached silicified fine grained	9605	133.40	134.40	1.00	nil
		feldspar quartz phenocrysts - minor chlorite, bleached to light	9606	134.40	135.40	1.00	24.000
		cram-buff color. Pyritic throughout pyrite 2-4% locally 5-7% minor	9607	135.40	136.40	1.00	nil
		sericite and quartz veining.	9608	136.40	137.40	1.00	nil
		135.8-136.1 40% White quartz with minor pyrite.					
137.40	139.10	TALC CHLORITE SCHIST					
		Highly deformed cut by frequent carbonate fractures rare quartz.	9609	137.40	139.10	1.70	nil
		Foliation variable generally 70.					
139.10	163.00	CHLORITE CARBONATE SCHIST					
		Thinly laminated very fine grained occasionally talcose green	9610	139.10	140.40	1.30	nil
		carbonate.	9611	140.40	141.70	1.30	9.000
		Altered. Minor <10 cm sedimentary (bands). Entire unit may be a	9612	141.70	142.70	1.00	nil
		tuff unit?.	9613	142.70	144.00	1.30	nil
		139.10 140.40 Up to 5% disseminated pyrite. No quartz veining,	9614	144.00	145.00	1.00	nil
		minor fault gouge.	9615	145.00	146.00	1.00	nil
		140.40 141.70 1% diss py. Minor quartz carbonate. Some tourmaline	9616	146.00	147.30	1.30	nil
		in schist planes.	9617	147.30	149.00	1.70	nil
		141.70 142.70 Strong cleavage some carbonate quartz veining strong	9618	151.00	151.60	.60	nil
		fracturing.	9619	160.00	161.00	1.00	nil
		142.70 144.00 Scattered quartz carbonate veining. Minor tourmaline	9620	161.00	162.50	1.50	nil
		2% pyite in places. Highly deformed.	9621	162.50	163.00	.50	nil
		144.00 145.00 Masses of tourmaline along vein at 144.4 pyrite <1%.					
		Frequent quartz carbonate veining and tourmaline.					
		Pyrite 1-2% highly deformed. 30% quartz carbonate, 2% pyite.					
		Becoming more talc chlorite schist foliated, deformed <10% quartz					
		carbonate veins.					
		Occasional sedimentary interbed 149.8-150.8. 20% Quartz carbonate					
		some near.					
		Banded. Overall quite deformed From 151.6-160. More abundant					
		quarttz carbonate from 160.0-163.					
		160.00 161.00.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU PPB
163.00	172.40	TALC CHLORITE SCHIST					
172.40	194.00	PERDIOTITE Very strongly sheared thinly laminated - some fault gouge Black fine grained massive uniform. 192.5-193.5 Fault gouge to 194. 194.00 END OF HOLE.					

Date: 22 Jan, 1996 - OTIS J EXPLORATION CORP - Page: 1 of 3

DRILL HOLE RECORD

Northing:	-700	Drill Hole:	ON-95-8
Easting:	-6000		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	NQ
Collar Dip:	-45	Stored at:	Timmins
		Logged by:	B. Durham
Hole Length:	123.45	Claim:	P - 1204442
Materials Left:	None		
Drilled by:	Forages M. Lafreniere Ltd.		
Date Started:	December 23, 1995		
Date Finished:	December 24, 1995		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***
Depth Azi. Dip

Bruce Durham
Feb 21/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
.00	20.42	OVERBURDEN					
20.42	35.66	TALC CHLORITE SCHIST	9871	29.26	30.33	1.07	nil
		Strongly foliated to massive talc rich schist. Highly deformed section show brecciatian and secondary foliation (crenulation cleavage). Negligible mineralization.	9872	30.33	32.00	1.67	nil
			9873	32.00	33.53	1.53	nil
			9874	33.53	34.44	.91	nil
			9875	34.44	35.66	1.22	nil
		29.47 29.81 Fine grained dike. 1% pyrite.					
		33.38 35.66 Fault zone. Minor graphite and 3% pyrite. Occasional graphitic slips. Poor core recovery. Abundant broken core.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
35.66	42.92	QUARTZ FELDSPAR PORPHYRY					
			9876	35.66	37.19	1.53	nil
		Dark grey, deformed and nearly mylonitic. Blue quartz eyes. Weakly	9877	37.19	38.10	.91	nil
		sericitic throughout.	9878	38.10	39.47	1.37	nil
			9879	39.47	41.15	1.68	nil
		37.19 37.49 Mafic, very fine grained dike.	9880	41.15	42.37	1.22	nil
			9881	42.37	42.92	.55	.010
		37.80 39.96 Later, finer grained feldspar porphyry. Bleached from 124.6' to 129.2'. Rare chlorite veining.					
		42.37 42.70 2% chalcopyrite, 1% spahlerite, 2 to 3% pyrrhotite.					
42.92	46.33	TALC CHLORITE SCHIST					
		Same as at 67', and cut by fine grained feldsapr porphyry.					
		43.56 43.71 Fine grained feldspar porphyry.					
		44.35 44.81 Fine grained feldspar porphyry.					
46.33	49.83	QUARTZ FELDSPAR PORPHYRY					
		Fine to very fine grained, grey, bleached feldspar porphyry. Massive, uniform and cut by rare quartz veins.					
49.83	69.37	QUARTZ FELDSPAR PORPHYRY					
			9887	68.58	69.19	.61	nil
		Deformed as at 117'.	9882	69.19	69.37	.18	nil
		50.60 52.73 Feldspar porphyry, weakly bleached.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
		55.60 56.14 Fine grained calcitic mafic dike with 1% cubic pyrite.					
		62.73 63.67 Feldspar porphyry.					
		65.99 67.06 Feldspar porphyry.					
		68.58 69.19 Feldspar porphyry.					
69.37	74.37	TALC CHLORITE SCHIST					
			9883	70.41	71.69	1.28	.010
		Mafic tuff - chlorite - talc schist. Faulted. Extremely deformed -	9884	71.69	73.30	1.61	nil
		broken and brecciated. Weakly pyritic - graphitic late calcitic	9885	73.30	74.37	1.07	nil
		fractures.					
		71.69 73.27 Siliceous fine grained patches, deformed and flanked by biotite alteration.					
74.37	123.44	GRANODIORITE					
			9886	95.71	96.62	.91	nil
		Unaltered and uniform. Medium grained, weakly fractured, very brittle throughout.					
		314.0 317.0 20- 31% barren white quartz with a trace to 2% brassy cubic pyrite.					
		123.44 END OF HOLE.					

Date: 21 Jan, 1996 - OTIS J. EXPLORATION CORP - Page: 1 of 3

DRILL HOLE RECORD

Northing:	-250	Drill Hole:	ON-95-9
Easting:	-4800		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	NQ
Collar Dip:	-45	Stored at:	Timmins
		Logged by:	B. Durham
Hole Length:	128.02 m	Claim:	P - 1204443
Materials Left:	NONE		
Drilled by:	Forages M. Lafreniere Inc.		
Date Started:	December 20, 1995		
Date Finished:	December 21, 1995		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***
Depth Azi. Dip

Bruce Durham
Feb 23/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
.00	46.33	OVERBURDEN					
46.33	65.99	TALC RICH ULTRAMAFICS Medium to dark grey talc magnesite rich ultramafics. Very fine grained, non magnetic. Uniform. Core is typically broken in .2 to .4 foot pieces along talc rich fractures. Talc (pale green) veinlets and segregations present throughout. Overall talc content estimated at 40% or more. Negligible sulphides.					
65.99	73.91	CHLORITE SCHIST					
			9851	66.29	67.82	1.53	nil
		Highly folitaed (mylonitic) slightly talcose, more siliceous tuff.	9852	67.82	69.65	1.83	nil
		5% quartz veins overall. Pyrite and pyrrhotite up to 1% as fine	9853	72.39	73.91	1.52	nil

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
		disseminated grains along foliation and in wormy deformed quartz veins up to 0.1 inch.					
		66.29 67.82 Two Quartz veins with trace pyrrhotite, chalcopyrite. Minor bleaching.					
		67.82 69.65 Weakly silicified with .5 to 1% pyrite, pyrrhotite.					
		72.39 73.91 1 to 2% pyrrhotite and pyrite - very fine grained and primarily on slip faces. Finely sheared - banded and may have minor graphite on faces. Up to 5% irregular quartz veinlets and fracture infillings.					
73.91	83.52	TALC RICH ULTRAMAFICS					
		Medium grey to greenish massive to weakly foliated talc magnesite rich ultramfics.					
83.52	128.02	SERPENTINIZED ULTRAMAFICS					
		Dark green, massive to moderately fractured (talc - serpentine), non magnetic. Gradually less talcy and generally fresher downhole.					
		83.61 83.82 Highly sheared and 20% carboante stringers.					
		84.43 85.04 Highly sheared and 20% carbonate stringers.					
		87.48 88.09 Highly sheared and 10% carbonate stringers.					
		89.61 89.92 Highly sheared and 30% carbonate stringers. Fault gouge.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
		94.03 Becoming more brecciated.					
		97.26 101.50 Brecciated, with dark brown biotite alteration associted with carbonate fractures and on adjacent fractures. No sulphide mineralization. Some sections contains up to 50% biotite.					
		101.50 106.74 Talc chlorite rich fault and fault gouge material - quite talc rich. Core recovery 80% (10 to 20% broken core and talc mud).					
		106.07 0.2' carbonate vein.					
		108.02 0.2' ot 30% magnesite.					
		108.20 0.4' of fine unoriented spinnifex.					
		112.32 112.78 Faulted with 20% magnesite veining.					
		113.69 Well preserved coarse spinnifex and very talc rich.					
		106.74 128.02 Appears to be quite talc rich, with occasional polysuturing and spinnifex textured (vey poorly preserved). Non magnetic.					
		128.02 END OF HOLE.					

Date: 21 Jan, 1996 - OTIS J. EXPLORATION CORP - Page: 1 of 4

DRILL HOLE RECORD

Northing:	-500	Drill Hole:	ON-95-10
Easting:	-6000		
Elevation:	0	Property Name:	Nat River
		Township:	Penhorwood
Collar Azi.:	135	Core Size:	NQ
Collar Dip:	-45	Stored at:	Timmins
		Logged by:	B. Durham
Hole Length:	115.83 m	Claim:	P-1204442
Materials Left:	NONE		
Drilled by:	Forages M. Lafreniere Inc.		
Date Started:	21 Dec. 95		
Date Finished:	23 Dec. 95		
Purpose:	To Test I.P. Anomaly.		

*** Dip Tests ***
Depth Azi. Dip

Bruce Durham Feb 27/95

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
.00	14.63	OVERBURDEN					
14.63	38.40	QUARTZ FELDSPAR PORPHYRY	9854	14.63	15.24	.61	nil
		Moderately deformed, light beige to grey to brown medium grained	9855	15.24	15.85	.61	nil
		felsic intrusive. Quartz eyes vary from 1mm to 1cm and are usually	9856	36.58	38.40	1.82	.010
		medium medium blue. Less altered section are moderately sericitic.					
		Less than .5% pyrite except as noted.					
		14.02 15.24 Bleached & sericitic. Less than 1% pyrite.					
		15.24 15.85 Bleached, sercitic with trace spahlerite & minor tourmaline.					
		21.03 Quartz fracture parallel to core axis. Some bleaching.					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
		23.04 23.13 Fine grained mafic dike.					
		23.93 25.91 Moderately bleached.					
		26.67 28.29 Mafic dike. 0.5% pyrite on contacts.					
		29.26 30.82 Moderately bleached.					
		36.58 38.40 Quite sericitic & bleached.					
38.40	51.21	QUARTZ FELDSPAR PORPHYRY	9857	38.40	39.35	.95	.010
		Section of highly deformed quartz feldspar porphyry with intermixed biotite carbonate schist (tuff) and sediments. Lithologies are highly variable and intermixed. All litholigies are highly deformed.	9858	45.87	47.55	1.68	nil
			9859	47.55	48.40	.85	nil
			9860	48.40	49.87	1.47	nil
			9861	49.87	51.21	1.34	nil
		38.40 39.35 Chlorite schist with 1% pyrite, pyrrhotite. Minor quartz veinlets.					
		39.35 40.23 Massive fine grained feldspar porphyry. Upper contact at 50 degree to core axis, lower at 60 degree to core axis.					
		40.23 41.54 Feldspar porphyry, as at 129.1'.					
		42.03 42.12 Talc chlorite schist.					
		42.12 42.37 Feldspar porphyry, as at 129.1'.					
		42.85 44.29 Very highly deformed biotite rich sediments with					

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
		occasional graphitic slips & beds.					
		44.29 45.87 Feldspar porphyry.					
		45.87 46.12 Chlorite carbonate schist, strong biotite.					
		46.12 46.63 Feldspar porphyry.					
		46.63 48.40 Highly deformed talcose chlorite tuff with graphitic pyritic sections.					
		48.40 49.87 Graphitic pyritic chloritic and talcose tuff.					
		49.87 51.21 Highly deformed biotite rich talcose schist. Silicified near 168'.					
51.21	90.22	QUARTZ FELDSPAR PORPHYRY					
			9862	60.66	61.26	.60	nil
		Same as at 46'. Dark grey, deformed but relatively little alteration. Rare quartz veinlets and bleached sections.	9863	89.92	90.22	.30	nil
		59.44 60.66 Mafic dike.					
		60.66 61.26 Bleached with 1% pyrite.					
		90.07 90.22 Bleached contact.					
90.22	115.82	TALC CHLORITE SCHIST					
			9864	90.22	91.74	1.52	.010
		Highly sheared, fissile and faulted. Very soft. Foliation at 40 to 20 degrees to core axis.	9865	91.74	92.81	1.07	nil
			9866	92.81	93.27	.46	nil

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lngt (m)	AU g/t
			9867	99.36	99.82	.46	nil
		90.22 91.74 1 to 2% coarse clotted pyrite.	9868	99.82	101.35	1.53	nil
			9869	112.47	114.30	1.83	nil
		91.74 92.81 Talc rich with 1% pyrite.	9870	114.30	115.82	1.52	nil
		92.81 93.27 Blue quartz eye tuff or sheared quartz feldspar porphyry.					
		93.12 93.27 Silicified fine grained dike containing 3% cubic pyrite.					
		94.37 94.88 Randomly oriented secondary hornblende.					
		99.46 99.70 Silicified, dark grey with 5% rather evenly disseminated pyrite and quartz calcite veining.					
		99.70 101.35 1% coasre (3mm) pyrite.					
		101.19 115.82 Gradually shallower core angles, near 0 degrees to core axis by 380'.					
		101.35 103.48 Quite chlorite rich.					
		103.48 112.78 Generally more talc rich.					
		112.78 115.82 Very chlorite rich.					
		115.82 END OF HOLE.					

APPENDIX B

DIAMOND DRILL SECTIONS

ON-95-1 to ON-95-10

Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9660.00239

Personal information collected on this form is obtained under the authority of the this collection should be directed to the Provincial Manager, Mining Lands, M Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

42B01NE0040 W9660-00239 PENHORWOOD

900

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for re... Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)		Client No.
BRUCE DURHAM		128340
Address		**Telephone No.**
1176 DELNITE RD. P.O Box 1330 TIMMINS, ON P4N 7J8		(705) 264-2144
Mining Division	**Township/Area**	**M or G Plan No.**
PORCUPINE	PENHORWOOD	G-3244
Dates Work Performed From: JAN 22/95	To: DEC. 25/95	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
✓	Physical Work, Including Drilling	DIAMOND DRILLING
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECORDED
MAR 26 1996
Receipt _____

Total Assessment Work Claimed on the Attached Statement of Costs $ 143,100

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
NOREX DRILLING LTD.	P.O. BOX 88 PORCUPINE, ON P0N 1C0
FORAGE M. LAFRENIERE INC.	C.P. 32 NEDELEC, QUE
ROBERT DUESS GEOLOGICAL SERVICES	5 BUCKINGHAM COURT, KINGSTON, ON K7K 6V8

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	Mar. 26/95	Robert Bailey / ROBERT BAILEY

Certification of Work Report

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

Name and Address of Person Certifying: ROBERT DUESS 5 Buckingham Court, Kingston, ONTARIO K7K-6V8

Telepone No.	Date	Certified By (Signature)
613-542-8822	26 MARCH 1996.	R.F.K. Duess

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
143100.	March 25/96		MAR 25 1996
	Deemed Approval Date: June 25/96	Date Approved: June 11/96	C GEW 1215
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	P-1204436	6	20893	4800	12097	3996
	P-1204437	2		1600		
	P-1204438	15	32054	12000		20054
	P-1204439	1		800		
	P-1204440	9		7200		
	P-1204441	14	43932	11200		32732
	P-1204442	16	19318	12800		6518
	P-1204443	16	10303	12800		
	P-1204444	1	16600	800		15800
	9		143,100	64,000	12097	79,100
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0841 (08/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following: CUTBACK CREDITS FROM RESERVE. BB.

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature | Date

Ministry of Northern Development and Mines

Ontario

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W7660.00039

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type DRILLING	143,100	
	PROJECT MGMT. REPORT WRITING		
	LOGGING CORE & ASSAYS		
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
	Total Direct Costs Total des coûts directs		143,100

2. Indirect Costs/Coûts indirects

** **Note:** When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles**		

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
x 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as AGENT I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature	Date
Robert Bailey	Mar. 26/96.

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

REFERENCE

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
400' RESERVE			S. R. O.	136537
SEC. 43/70	W. 91/72	27/12/72	S. R. O.	163006 V.2
SEC. 36/80		11/7/81	S. R. O.	135537

ORDER OF THE MINISTER #33/87 DATED MARCH 30/87 WITHDRAWS MINING AND SURFACE RIGHTS UNDER SECTION 36 IF THE MINING ACT RSO 1980

SAND AND GRAVEL

GRAVEL	FILE	38729
GRAVEL PIT	FILE	13656 V.6
GRAVEL	FILE	106274

QUARRY PERMIT #22805 ISSUED FOR THE REMOVAL OF THE QUARTZ JULY 1, 1987.

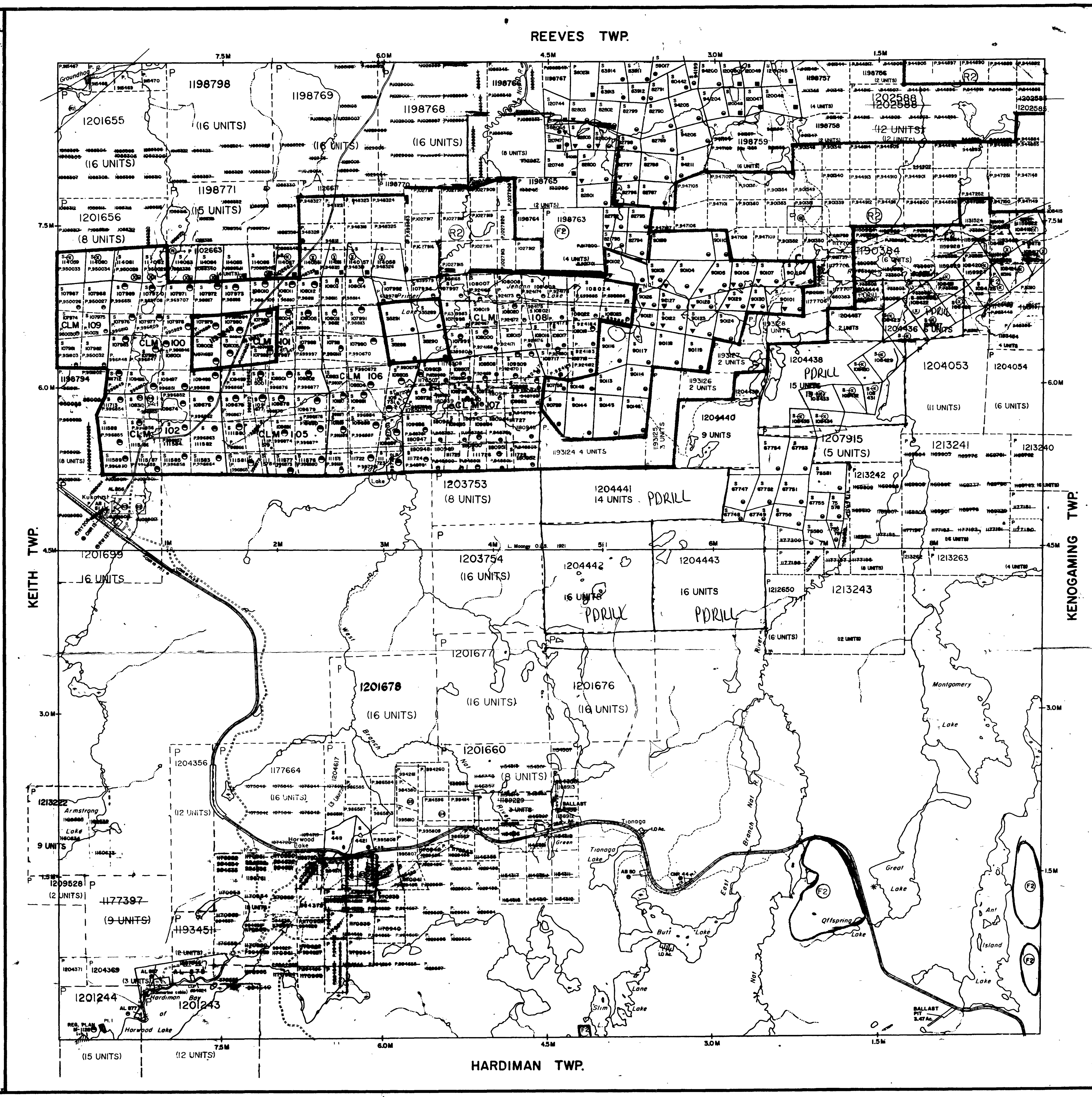
QUARRY PERMIT # 22806 ISSUED FOR THE REMOVAL OF QUARTZ SEPT. 10, 1987

CANCELLED PATENT AND LEASED CLAIMS

SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT R.S.O. 1980 DATED 95-MAY-29 ORDER NO.

THIS TWP. SUBJECT TO FOREST ACTIVITIES IN 1995/96 FURTHER INFORMATION AVAILABLE IN FILE.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.



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	
CANCELLED	
SAND & GRAVEL	
LAND USE PERMIT	*

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.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

ACTIVATED JANUARY 30, 1990

TOWNSHIP

PENHORWOOD

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY

Ministry of Natural Resources — Land Management Branch

Ontario

Date MARCH 1985

Number G-3244

42B01NE0040 W9660-0029 PENHORWOOD

200

Otis J Exploration Corp.

Nat River Property

Figure 7a

DRILL HOLE PLAN
SOUTHWESTERN PORTION
ON-95-5 TO ON-95-10

Scale 1:5000
meters
0 1000

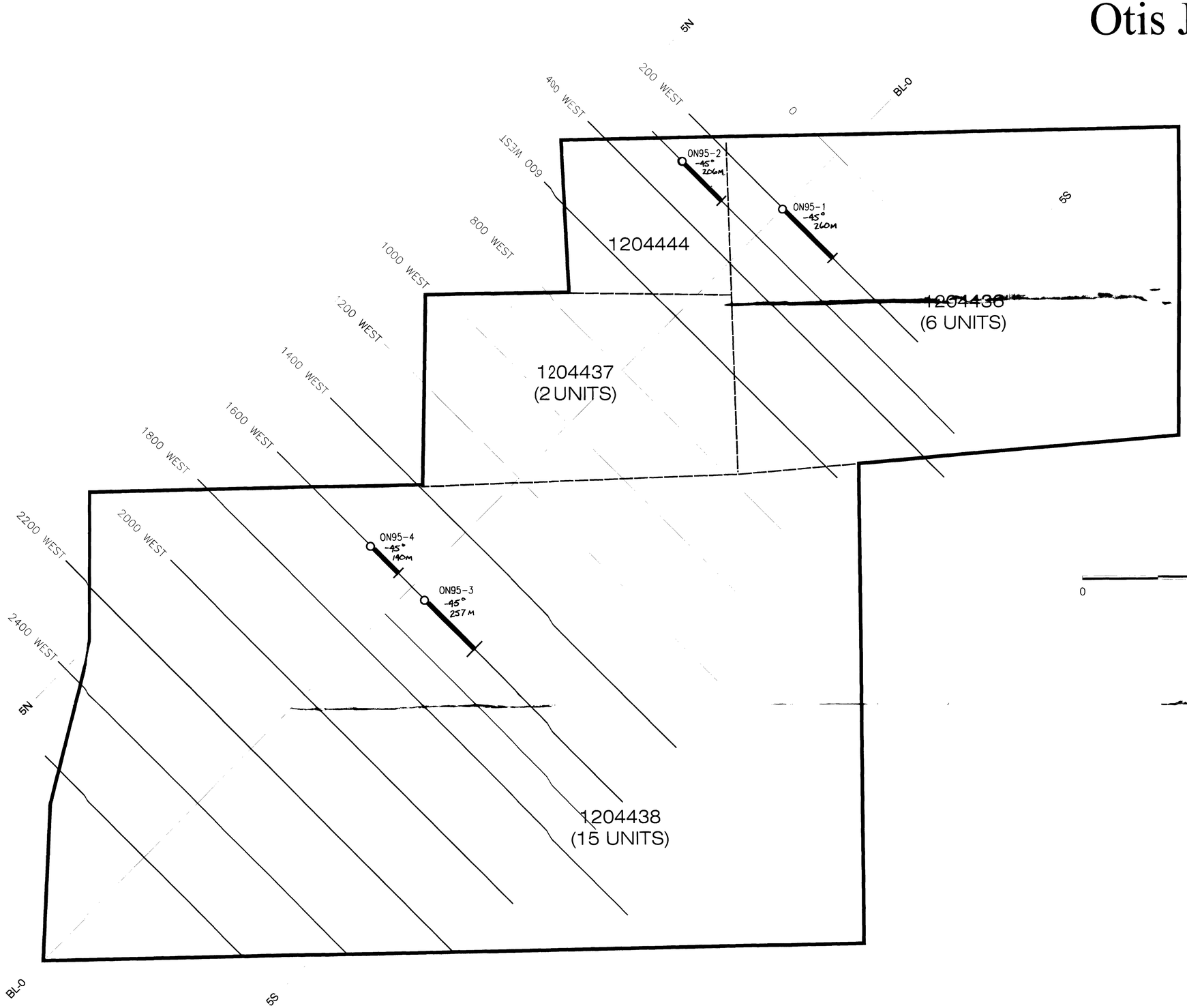
Duess Geological Services Ltd. Jun /96 nat-f7a.cdr

Otis J Exploration Corp.

NAT RIVER PROPERTY

Figure 7b

DRILL HOLE PLAN
NORTHEASTERN PORTION
ON-95-1 TO ON-95-4



N

Scale 1:5000
meters

0 1000

LEGEND

ON95-2
DRILL HOLE

Duess Geological Services Ltd. Jun /96 nat-f7b.cdr

220

150S 100S 50S 0N

0 -50 -100 -150

ON-95-1

0.00N
200.00W

-45°

OVB
TCS
CCS
PORP
QSS
CCS
SYEN
1A
CCS
PER
FDYK
PER

EOH
260.00m

42B01NE0041 W9660-00239 PENHORWOOD

230

LEGEND

OVB	Overburden
UMF	Ultramafics
PER	Peridotite
TCS	Talc Chlorite Schist
CCS	Chlorite Carbonate Schist
QSS	Quartz Sericite Schist
SSH	Sericite Schist
PORP	Porphyry
SYEN	Syenite Dike
FDYK	Felsic Dike
MDYK	Mafic Dike
GAB	Gabbro
DIO	Diorite
LAMP	Lamprophyry
DIAB	Diabase

SCALE 1:500

10 0 10

METRES

OTIS J EXPLORATION CORP.

NAT RIVER PROPERTY

PENHORWOOD TOWNSHIP

DIAMOND DRILL PROFILE

SECTION 200W (looking az. 225°)

ON-95-1

Robert Duess Geological Services Ltd.

SURVEY BY: B. Durham

DRAWN BY: LOG II

APPROVED BY: RBD

NTS:

DATE July/95

Claim No. 1204436

150N

200N

250N

0

-50

-100

-150

240

ON-95-2

MAG 095.525

-45°

OVB

1BAS

UMF

EOH 206.00m

LEGEND

OVB	Overburden
1BAS	Basalt
UMF	Ultramafics
PER	Peridotite
TCS	Talc Chlorite Schist
CCS	Chlorite Carbonate Schist
QSS	Quartz Sericite Schist
SSH	Sericite Schist
PORP	Porphyry
SYEN	Syenite Dike
FDYK	Felsic Dike
MDYK	Mafic Dike
GAB	Gabbro
DIO	Diorite
LAMP	Lamprophyry
DIAB	Diabase

SCALE 1:500

10 0 10 20

METRES

OTIS J. EXPLORATION CORP.

NAT RIVER PROPERTY

PENHORWOOD TOWNSHIP

DIAMOND DRILL PROFILE

SECTION 300W (looking az. 225°)

ON-95-2

Robert Duess Geological Services Ltd.

SURVEY BY: B. Durham

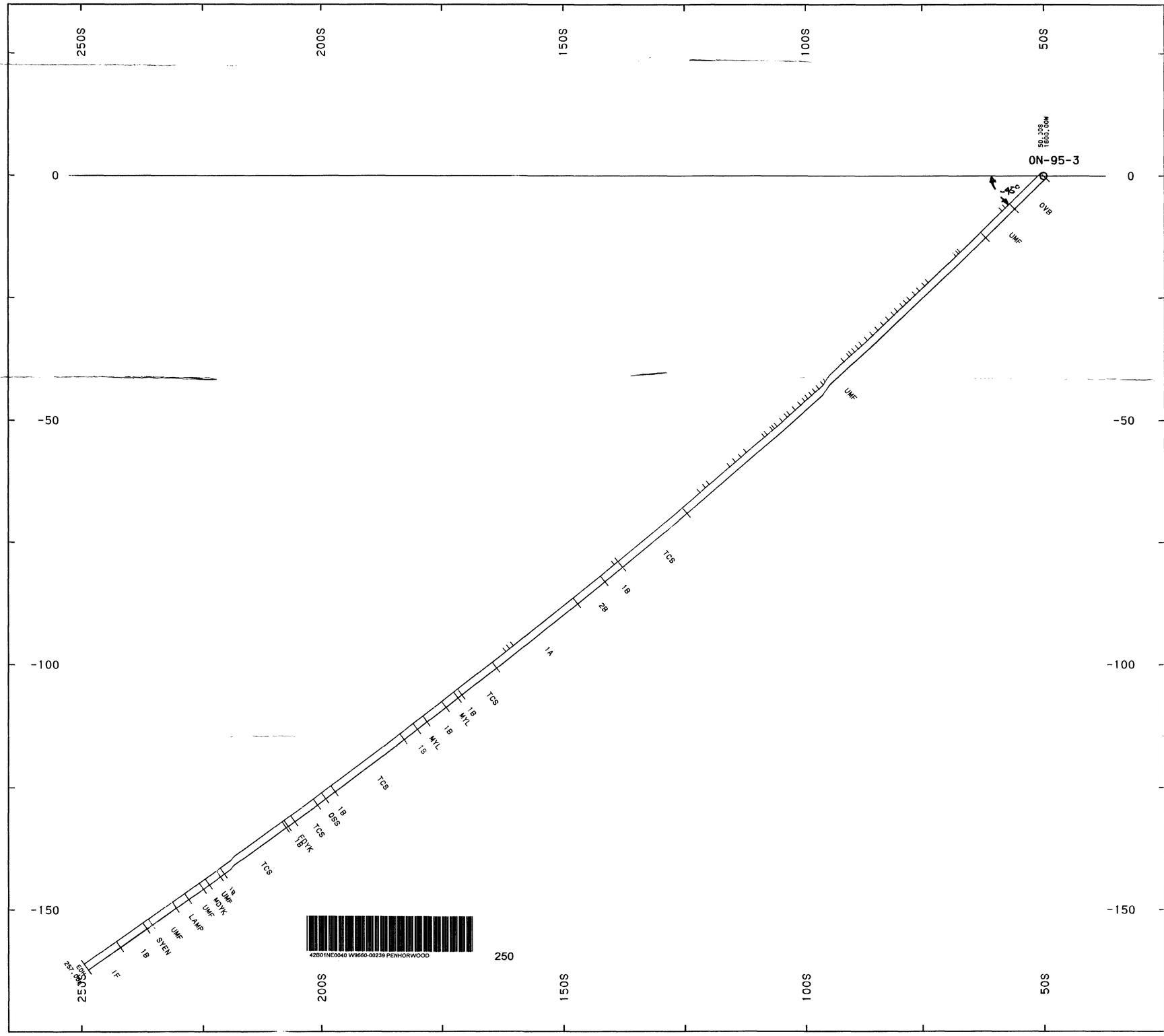
DRAWN BY: LOG II

APPROVED BY: RBD

NTS:

DATE July/95

Claim No. 1204444



LEGEND

OVB	Overburden
1BAS	Basalt
1A	Mafic Flow
1B	Mafic Tuff
2B	Intermediate Tuff
UMF	Ultramafics
PER	Peridolite
TCS	Talc Chlorite Schist
CCS	Chlorite Carbonate Schist
QSS	Quartz Sericite Schist
SSH	Sericite Schist
IF	Iron Formation
PORP	Porphyry
MYL	Felsic Mylonite
FDYK	Felsic Dike
MDYK	Mafic Dike
LAMP	Lamprophyry

SCALE 1:500

10 0 10 20

METRES

OTIS J. EXPLORATION CORP.

NAT RIVER PROPERTY

PENHORWOOD TOWNSHIP

DIAMOND DRILL PROFILE

SECTION 1600W (looking az. 225°)

ON-95-3

Robert Duess Geological Services Ltd.

SURVEY BY: B. Durham

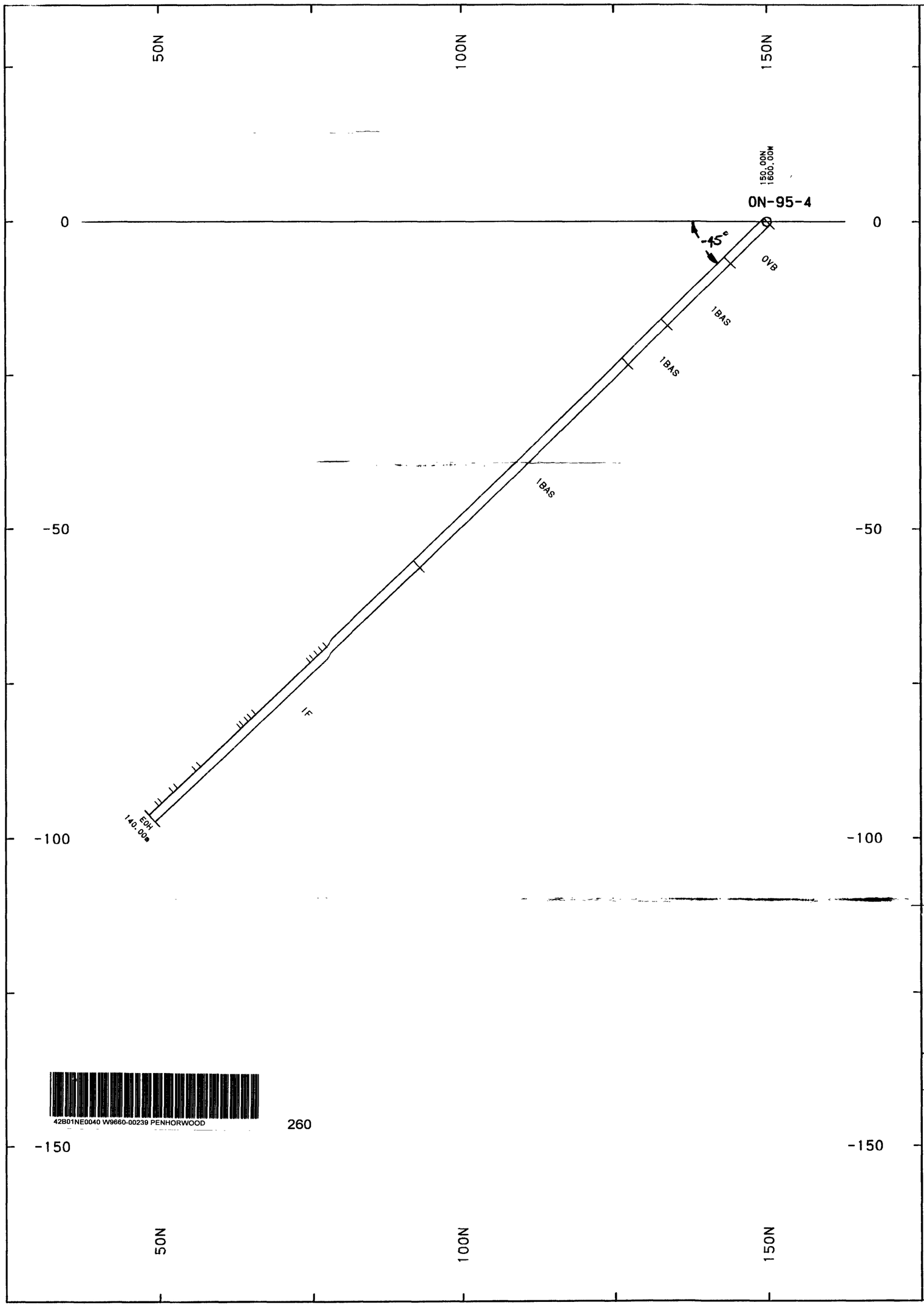
DRAWN BY: LOG II

APPROVED BY: RBD

NTS:

DATE July/95

Claim No. 1204438



LEGEND

- OVB — Overburden
- 1BAS — Basalt
- 1A — Mafic Flow
- 1B — Mafic Tuff
- 2B — Intermediate Tuff
- UMF — Ultramafics
- PER — Perdiotite
- TCS — Talc Chlorite Schist
- CCS — Chlorite Carbonate Schist
- QSS — Quartz Sericte Schist
- SSH — Sericite Schist
- IF — Iron Formation
- PORP — Porphyry
- MYL — Felsic Mylonite
- FDYK — Felsic Dike
- MDYK — Mafic Dike
- LAMP — Lamprophyry

SCALE 1:500

10 0 10 20

METRES

OTIS J. EXPLORATION CORP.

NAT RIVER PROPERTY

PENHORWOOD TOWNSHIP

DIAMOND DRILL PROFILE

SECTION 1600W (looking az. 225)

ON-95-4

Robert Duess Geological Services Ltd.

SURVEY BY: B. Durham

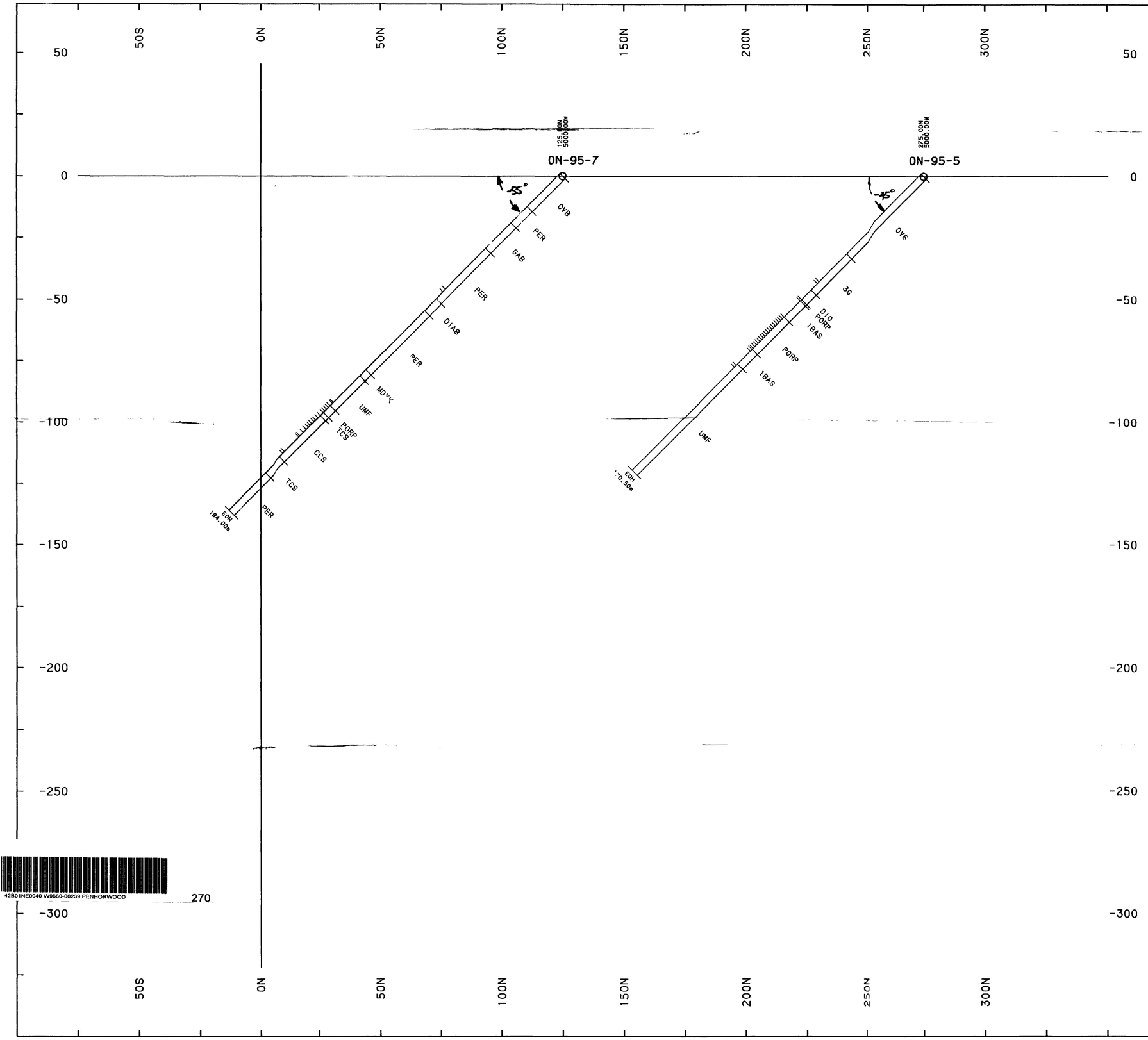
DRAWN BY: LOG II

APPROVED BY: RBD

NTS:

DATE July/95

Claim No. 1204438



LEGEND

OVB	Overburden
1BAS	Basalt
1A	Mafic Flow
1B	Mafic Tuff
1LAP	Lapilli Tuff
2B	Intermediate Tuff
2AGL	Felsic Agglomerate
UMF	Ultramafics
PER	Peridotite
TCS	Talc Chlorite Schist
CCS	Chlorite Carbonate Schist
QSS	Quartz Sericite Schist
SSH	Sericite Schist
3G	Greywacke
IF	Iron Formation
PORP	Porphyry
DIO	Diorite
GAB	Gabbro
DIAB	Diabase
MDYK	Mafic Dike

SCALE 1:500

10 0 10 20

METRES

270

OTIS J. EXPLORATION CORP.

NAT RIVER PROPERTY

PENHORWOOD TOWNSHIP

DIAMOND DRILL PROFILE

SECTION 5000W (looking az. 225°)

ON-95-5 & 7

Robert Duess Geological Services Ltd.

SURVEY BY: B. Durham

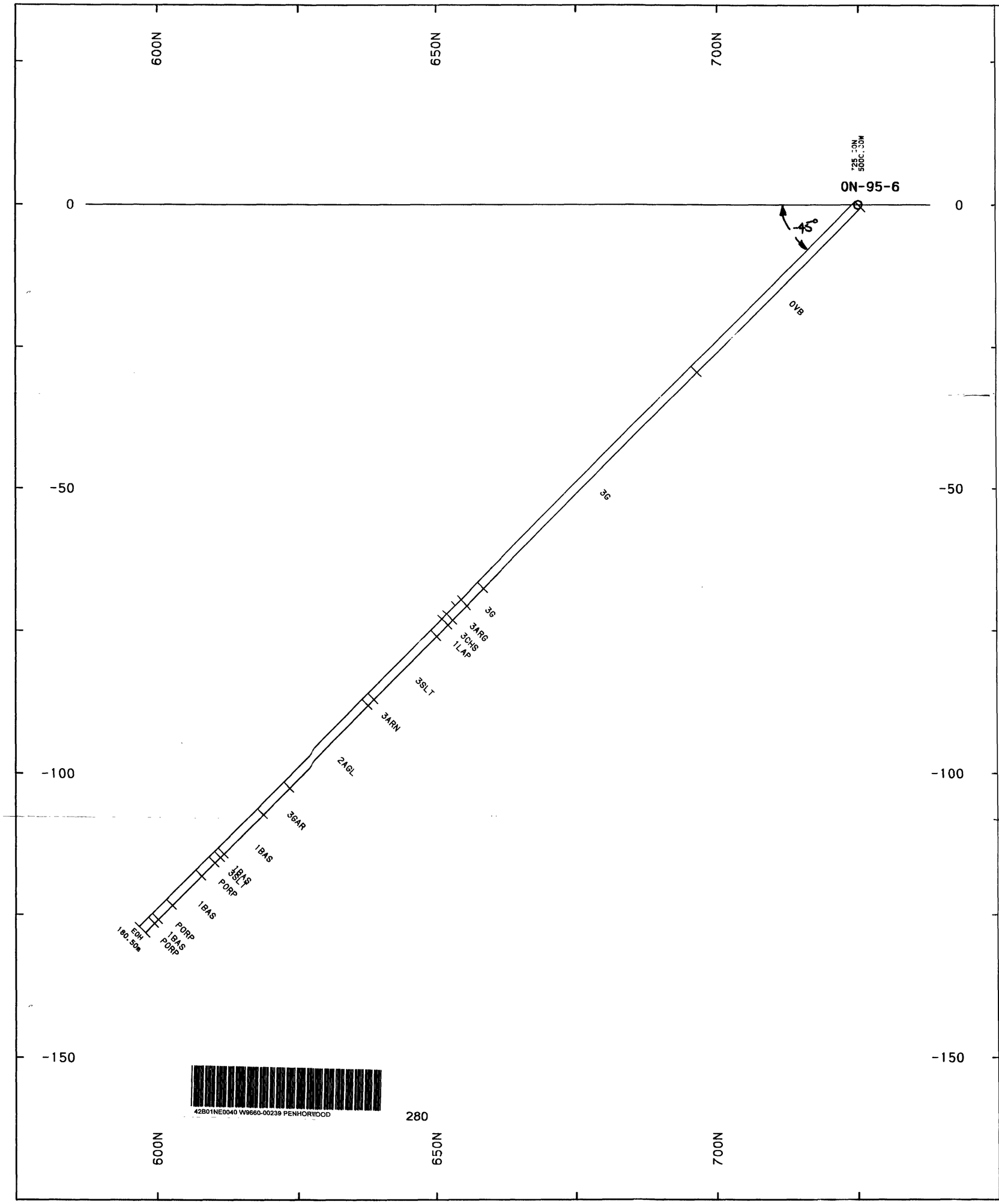
DRAWN BY: LOG II

APPROVED BY: RBD

NTS:

DATE July/95

Claim No. 1204441



LEGEND

OVB	Overburden
1BAS	Basalt
1A	Mafic Flow
1B	Mafic Tuff
1LAP	Lapilli Tuff
2B	Intermediate Tuff
2AGL	Felsic Agglomerate
UMF	Ultramafics
PER	Peridotite
TCS	Talc Chlorite Schist
CCS	Chlorite Carbonate Schist
QSS	Quartz Sericite Schist
SSH	Sericite Schist
3A	Argillite
3GAR	Graphitic Argillite
3CHS	Cherty Sediment
3C	Conglomerate
3SLT	Siltstone
3ARN	Arenite
3G	Greywacke
IF	Iron Formation
PORP	Porphyry

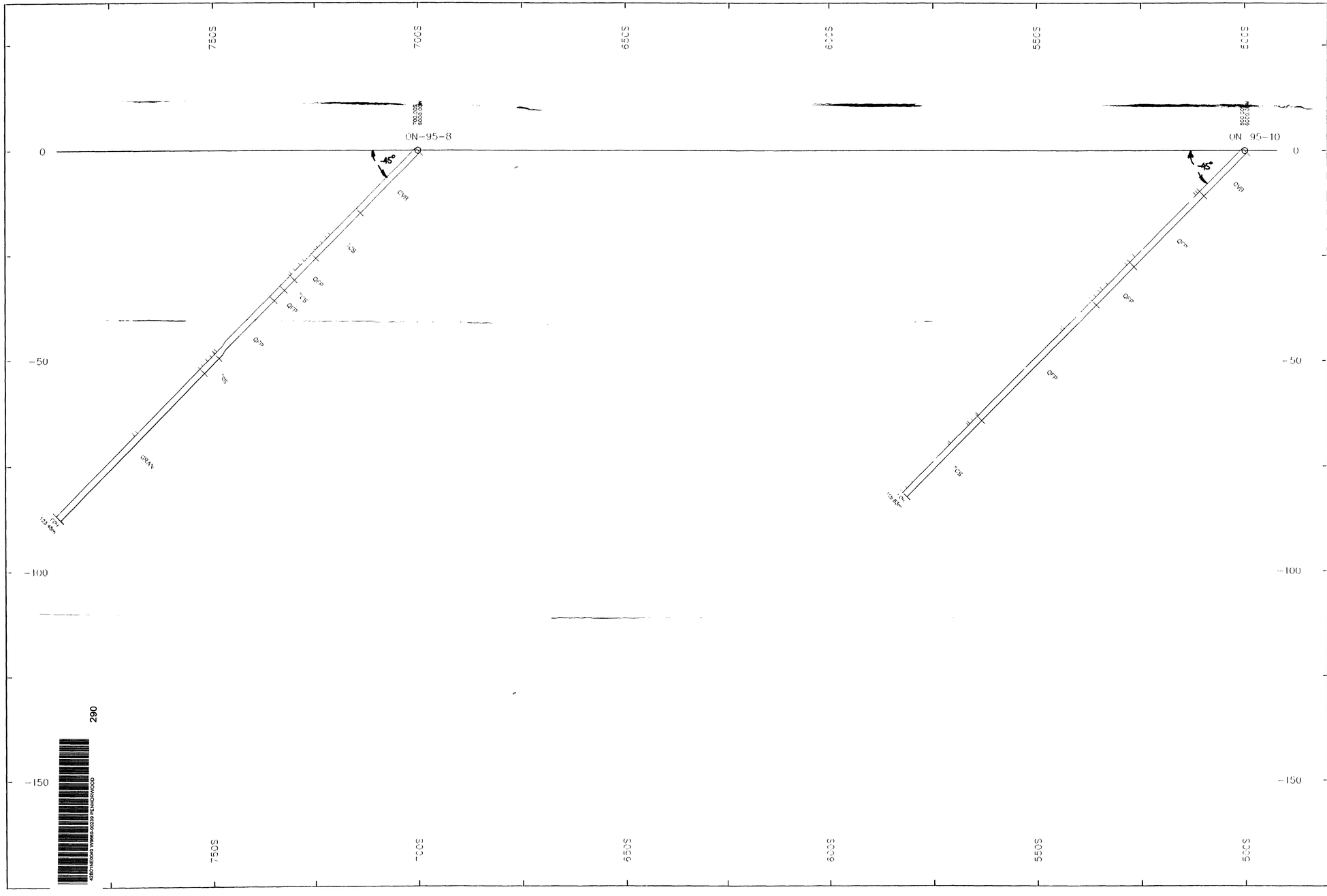
SCALE 1:500

10 0 10 20

METRES

OTIS J. EXPLORATION CORP.

NAT RIVER PROPERTY	SURVEY BY: B. Durham
PENHORWOOD TOWNSHIP	DRAWN BY: LOG II
DIAMOND DRILL PROFILE	APPROVED BY: RBD
SECTION 5000W (looking az. 225°)	NTS:
ON-95-6	DATE: July/95
Robert Duess Geological Services Ltd.	Claim No. 1204441



LEGEND

- OVB — Overburden
- BAS — Basalt
- UMF — Ultramafics
- TUM — Talc Rich Ultramafics
- SUM — Serpentinized Ultramafics
- UMC — Carbonatized Ultramafics
- TCCS — Talc Chlorite Carbonate Schist
- TCS — Talc Chlorite Schist
- CHLS — Chlorite Schist
- CCS — Chlorite Carbonate Schist
- QFP — Quartz Feldspar Porphyry
- GRAN — Granodiorite
- 5A — Diabase

SCALE 1:500

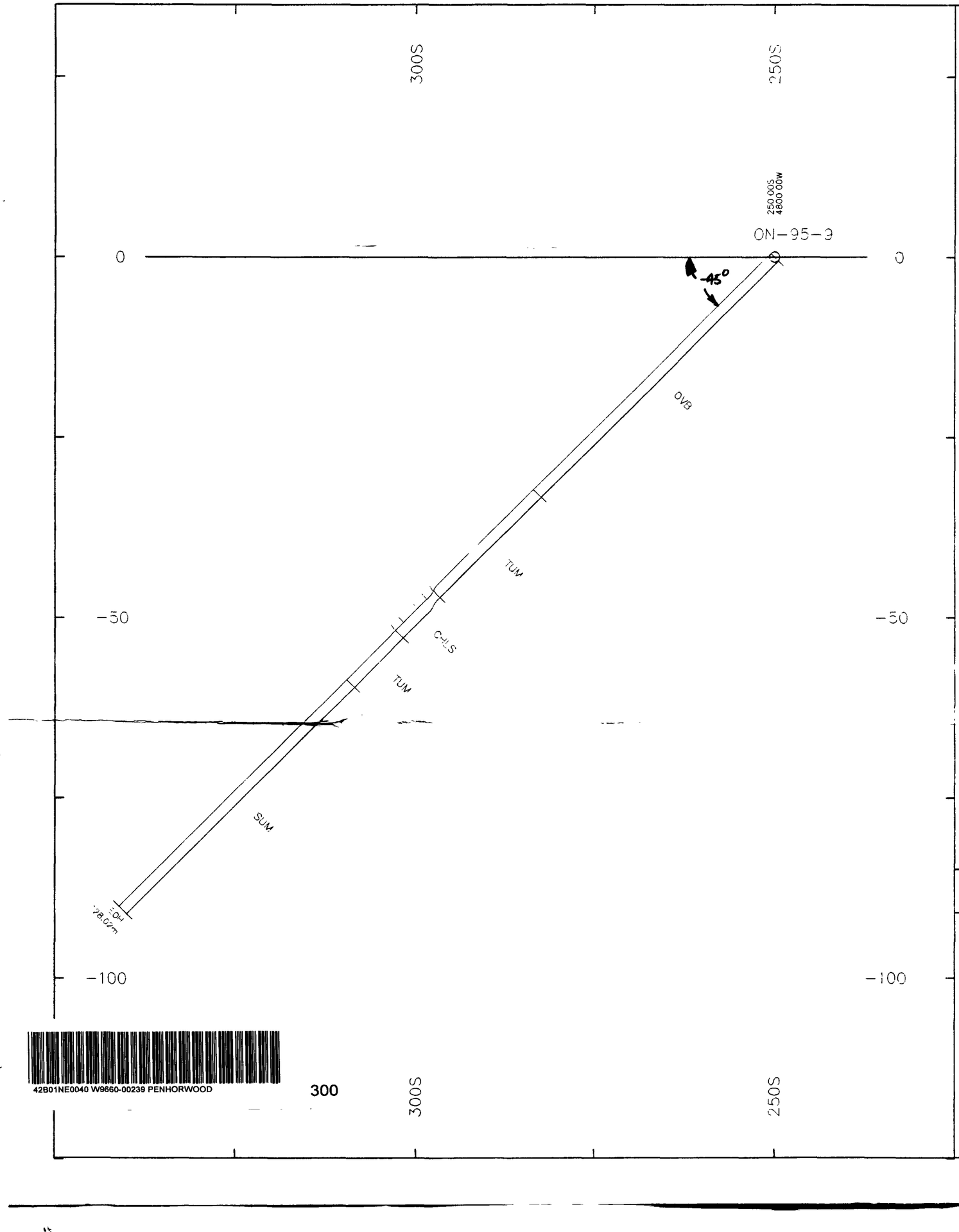
10 0 10 20

METRES

290

40B01NE004 W9850.0029 PENHORWOOD

NAT RIVER PROPERTY	SURVEY BY: B. Durham
PENHORWOOD TOWNSHIP	DRAWN BY: LOG II
DIAMOND DRILL PROFILE	APPROVED BY: PBD
SECTION 6000W (looking az. 225)	NTS:
ON-95-8 & 10	DATE: Jun/96
Robert Duess Geological Services Ltd.	Claim No. P-1204442



LEGEND

OVB	Overburden
BAS	Basalt
UMF	Ultramafics
TUM	Talc Rich Ultramafics
SUM	Serpentinized Ultramafics
UMC	Carbonatized Ultramafics
TCCS	Talc Chlorite Carbonate Schist
TCS	Talc Chlorite Schist
CHLS	Chlorite Schist
CCS	Chlorite Carbonate Schist
QFP	Quartz Feldspar Porphyry
GRAN	Granodiorite
DA	Diabase

SCALE 1:500

10 0 10 20

METRES

OTIS J EXPLORATION CORP.

NAT RIVER PROPERTY

PENHORWOOD TOWNSHIP

DIAMOND DRILL PROFILE

SECTION 4800W (looking az. 225)

ON-95-9

Robert Duess Geological Services Ltd.

SURVEY BY: B. Durham

DRAWN BY: LOG

APPROVED BY: RBD

NTS:

DATE Jan/96

Claim No. P-1204443