2.765

010



2404NW0176 2.765 KENOGAMING

RECEIVED

MAR 15 1972

PROJECTS SECTION

INTERNATIONAL NORVALIE MINES LIMITED SUITE 1010, 360 BAY STREET TORONTO, ONTARIO.

1971 DRILLING PROGRAM
KENOGAMING TOWNSHIP PROPERTY
40 MILES WEST OF TIMMINS, ONTARIO

BY

MICHAEL OGDEN, B.A.Sc., P.Enc. Toronto, Ontario

DECEMBER 15, 1971.

A PROGRAM OF SIX DRILL HOLES WAS COMPLETED DURING THE LATTER PART OF OCTOBER AND THE FIRST HALF OF NOVEMBER. THE HOLES VARIED FROM 80 FEET TO 175 FEET IN LENGTH, FOR A TOTAL FOOTAGE OF 726 FEET OF DIAMOND DRILLING.

- 4 -

## SUMMARY OF DRILL RESULTS:

## HOLE No. 1.

ON LINE 8 WEST AT 2400 NORTH, DRILLED TO THE NORTH TO PROBE A VERY HIGH, NARROW, MAGNETIC ANOMALY (15,000 GAMMA RELIEF OVER 25 FEET) WHICH SEEMED ALSO TO BE A WEAK CONDUCTOR. THE HOLE ENCOUNTERED BANDED TUFFS WITH AN 8 FOOT SECTION OF GREEN SHEAR ZONE AT 107 FEET. THE SHEAR IS CERTAINLY THE WEAK CONDUCTOR AND PROBABLY THE MAGNETIC ZONE AS WELL.

## HOLE No. 2.

ALSO ON LINE 8 WEST, BUT AT 1925 NORTH. THIS HOLE WAS TO PROBE A WEAK ELECTROMAGNETIC CODUCTOR THAT MIGHT HAVE REFLECTED A ZONE OF GOLD MINERALIZATION.

SERPENTINE, WHICH IS A WEAK CONDUCTOR, WAS FOUND FROM 43 TO 75 FEET IN THE HOLE BUT NO VISIBLE MINERALIZATION WAS ENCOUNTERED.

## HOLES 3, 5 & 6.

WERE DRILLED TO TRY AND RELOCATE THE GOOD GOLD INTERSECTION OF OLD HOLE NO. I WHICH WAS DRILLED IN SEPTEMBER OF 1960. AN INTERSECTION OF 0.92 OUNCES OF GOLD WAS ENCOUNTERED AT THAT TIME AT 65 FEET IN THE HOLE. SUCH VALUES COULD NOT BE REPEATED.

HOLES I & 2 SHOWED THAT THE FORMATIONS DIP TO THE SOUTHWEST AND THE GEOPHYSICS SHOWED A SOUTHEAST STRIKE. HENCE 3 5 & 6 WERE DRILLED TO THE NORTHEAST TO CUT THE STRATA AT RIGHT ANGLES. THE HOLES WERE ONLY 30 FEET APART, YET IT WAS VERY DIFFICULT TO CORRELATE ONE HOLE WITH THE NEXT. THE BLACK BANDING AT 93 FEET IN No. 3 SEEMS TO BE THE SAME ZONE AS AT 15 FEET IN No. 6, BUT NO QUARTZ VEINING

COULD BE CORRELATED FROM ONE HOLE TO THE NEXT.

## ASSAYS OF HOLES 2, 3, 5 & 6.

THE SLUDGE WAS COLLECTED FROM EACH 10 FOOT LENGTH OF EACH OF THESE HOLES AND ASSAYED FOR GOLD. ONLY ONE SAMPLE (105 - 110 FEET IN HOLE NO. 3) SHOWED ANY GOLD AND THE NEARBY VEINS IN THAT HOLE WERE DOUBLE ASSAYED TO NO AVAIL. ALL INTERESTING LOOKING VEINS WERE SAMPLED AND ASSAYED SEPARATELY.

## HOLE No. 4.

WAS DRILLED AT THE LAKESHORE TO RESAMPLE THE OLD HOLE NO. 7 WHICHWAS DRILLED IN 1957 AND RETURNED 1020 FEET OF 0.26% NICKEL. THE FIRST 51 FEET OF ROCK, THAT IS 37 TO 88 FEET IN No. 4 AVERAGED 0.23% NICKEL WHEREAS THE FIRST 50 FEET OF THE OLD HOLE RAN 0.20% NICKEL. AN ACID SOLUBLE NICKEL ASSAY WAS ALSO RUN, WHICH RETURNED 0.14% NICKEL FOR THE 51 FEET. THIS SUGGESTS THAT ABOUT 60% OF THE NICKEL IS IN THE NORMAL SULPHIDE MINERALS AND COULD BE EXTRACTED BY STANDARD METALLURGICAL PROCESSES.

#### CONCLUSIONS.

- THE GOLD SEEMS TO OCCUR IN AN ERRATIC MANNER WITHIN VERY SHORT QUARTZ VEINS. THE MOST ECONOMICAL METHOD OF EXPLORATION IS PROBABLY TO BULLDOZE LARGE AREAS OF POSSIBLE MINERALIZATION, CLEAR THEM OF OVERBURDEN, WASH THE ROCK CLEAN, THEN MAP, SAMPLE AND ASSAY THE VEINS.
- 2. WHEN NICKEL GETS BACK ABOVE \$1.50 PER POUND THE POSSIBILITY OF A LARGE LOW GRADE OPEN PIT NICKEL OPERATION SHOULD BE CONSIDERED. IT APPEARS THAT SOMEWHERE BETWEEN 2 & 3 LBS. OF NICKEL PER TON OF ROCK MAY BE RECOVERABLE.

...3/

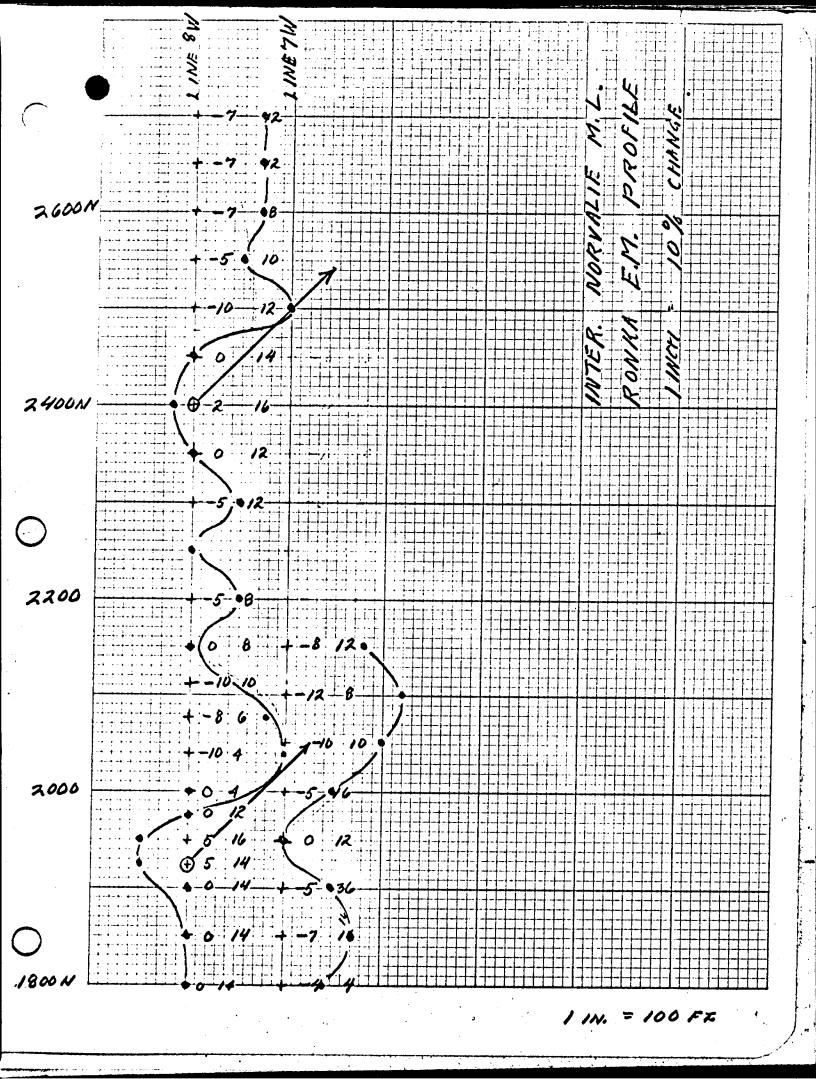
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RESPECTFULLY SUBMITTED

MICHAEL OGDEN

TORONTO, ONTARIO.

DECEMBER 15, 1971.



# INTERNATIONAL NORVALIE DIRILLING OF SOMEMITH GROUND KENDGAMING TON. OUT. OCT. 1971.

CORE SAMPLES SUBMITTED TO THAMAS

		1			
1101 E 100	1	0 "	HOLE No. 4 4	\$1119 39 50 81	FEET
,		5			
22222	20 30 60 110 100		5 5 5	25 45 65	i f i,
3	30	41	6	20	₹₹
3	50	4*	6	50	tf.
3	70	er j	6	80	4
3	100	•-			
3	130	4,			
	150	•		•	

PROPERTY: INTERNATIONAL NORVALIE MINAS LTD. HOLE NUMBER:

LOCATION: CLAIM 5-114786, KENDGAMING TWP. ONT.

DIP TESTS NIL

Latitude: 2400 NORTH

Dip

Footage

Reading

Departure: LINE 8 WEST

Depth:

175 FT.

Elevation: GROUND

Commenced: 067 27/7/

Azimuth: GRIP NORTH 3:

Finished:

iumber	DESCRIPTION	AU	14.
0	-13: CABING		,
/3	-107: BANDED GREENSTONE TUFF.		
	A DARK GREBNI TO BLACK ROCK		
	WITH DISTINCT LIGHT AREY BANDIA		
	OF 1/32 TO 4 INCHES IN WIDTH		
	AT 70° ±10° TO CORE		
	87 = 14"QTZ VEIN AT 90°+ PYRITE FOR I INCH		
	PYRITE POR 1 THEM		
10	7-115: GREEN SHEAR ZONE.		į
	FINE GRAINED, WELL SHEARED.		
/	107.0-107.5 = 1/2 FOOT OF 4% PYRITE		
	IN FINE BANDS =	NIL	0.1%
11:	5-175 GREY BANDED TUFF		
	128-129 = 1 FOOT OF SILICHOUS	·	
	SHEARING AT 80°+2% PYRITE	NIL	0.036
;	AND A I INSW QTZ VEIN.		
	156-157 = / FOOT WITH A IN.	***	0.77
	SMEAR AT 80° CONTAINING 1/8 BAND	NIL	0.32
	OF CHALCOPYRITE AND ANOTHER I"		

_ (R	DESCRIPTION	GOLD	COPPH	R
<i>*</i> #3	156-157 CONTINUAD SHEAR WITH A GOB OF CHALCO.		0.32%	
	175 EMD OF HOLE.			•
			· .	<u></u>
			,	
		٠		

# Lab Report

No. 12842

H. B. & O. Engineering 360 key St. Toronto Nov. 3, 1971

From

Date

Extraction

HNO<sub>3</sub> - H61

Method

Atomic Absorption

Analyst L. b.

Fraction Used

- 100 hesh

SAMPLE NO:    Cu   Au   oz/ton   REMAR	Ozden	RKS
#1 9d0 Nil #2 349 Nil #3. 3250 Nil #5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ozden	
#1 980 N11		
#2 349 N11	#l 960 Nil	
#3 3250 Nil		<u> </u>
	1/2 349 Nil	
	#3. 3250 Nil	) <del></del>
		A <del>Geljin a rigur</del>
		*********
		·
		<del>1110 - 1410 - 1</del> 11
		<del></del>
		<del></del>
		<del>, , , , , , , , , , , , , , , , , , , </del>
		<del></del>
		Marchine (march

PROPERTY: INTERNATIONAL NORVALIS MINES LTD. HOLE NUMBER: 2

LOCATION: CLAIM: 5-114788, KENDGAMING TWA ONT.

DIP TESTS NIL

Latitude: 1925 NoRTH Dips

Footage

Reading

Corrected

Departure: 805 WAST

Depth: 152 FT.

Elevation: GROUND

Commenced: 29 0 cT. /7/

AMPLE IUMBER	DESCRIPTION		
	0-10: CASING		
	10-43: BANDED GREY TUFF AT		
·	45°, PEUL SPECKS OF PYRITE		
	43-63: WHITE SHEARED SERPENTINE		
1	WITH CALCITE STRINGERS.		
	BANDING AT 90° TO CORE.		
	63-75: DAIRK SERPENTINE WITH	*.	
	CALOITE STRINGIRS AT VARIOUS	. "	
į	ANGLES.		
	75-90: GREY TUPF	· · · · · · · · · · · · · · · · · · ·	
	90 - 152: DIABASE WITH GREEN		
	1340133 OF EPIDOTEP. TRACK		
	or py. 4 cp.		
	152 END OF HOLK		
1			

# Lab Report

No. 12971

From

H. B. & O. Engineering

Extraction

 $HNO_3$  - HC1

Date

Nov. 8, 1971

Method

Atomic Absorption

Analyst

L. b.

Fraction Used

- 100mesh

SAMPLE NO.	au oz/ton					REMARKS
		•				
Hole #2						
10-20	Nil					
20-30	Nil					
30-40	Nil					
40-50	Nil					•
50-60	Nil					
60-70	Nil					
70-00	Nil					
80-90	Nil					,
90-100	Nil					
100-110	Nil					
110-120	Nil					
120-130	Nil				·	
130-140	Nil					
140-150	. Nil	1	•			
				•		
		ı				•

PROPERTY: INTERNATIONIAL NORVALIS MINES LTD. HOLE NUMBER: 3 LOCATION: CLAIM: 8-114788, HENDEAMINE TIMP. ONT. DIP TESTS NIL

Latitude: 2025 NonTH Dips 45°

Footage

Reading

Corrected

Departure: 650 WEST Depth: 150 FEBT

Elevation: GROUNIA Commenced: OCT. 31, 1971

Azimuth: 37°7 (G)?ID NORTH) Finished: NOV. 1

SAMPLE NUMBER	DESCRIPTION	GOLD	COPPE
1	0-22 CASING		2
	22-25 GRANITE		
9477	22.0-22.5. BROKEN RUSTY QTZ 1/2 FT.	NIL	
	25-92 : GREY, EVEN. TUPP	•	
9478	25.5-260: BRONEN PURTY GTZ. 1/2 FT.	NIL	
9479	27: 3 INCHES QTZ + PYRITE . 02 P	NIL	-
9480	31.0-31.6: QT2+Py - 0.6Fx	NIL	
	42-70 : GREY-GREEN, FINE PINK LINED TUFF	•	
	W 60° TO CORE		
	70 -139 : GREY BANDED TUPE AT 60 TO CORE	;	
9481	90.0-90.2: 2 INCH QTZ VEIN - 0.2	NIL	-
9496	- OR- 90.0-90.5 = BROKEN POCK 20.5	TRHOR	-
41000	9497 = 90.0 = 2 ININ BANDED Q721/2 = 0.2	TIDAOR	-
	93: GINENES OF VISRY BLACK		
	BANDING		
	91: 1/2 INCH QTZ VOIN	·	۲.
	91-115 MANY QTZ STRINGBAS		
9482	1 79 5 1 9 April 2	Niz	
01483	196" 1964" \ A 1	NIL	
	139-150: HEAVILY BANDED TUFFED 70.	=	
	MANY WHITE, GTO VEINS.		
9484	139.5-141.0: GTZ+(HALO +Ay = 1.5 FT.	NIL	_

ISNO OF HOLIS

## Lab Report

No. 12985

From

H. B. & O. Engineering

Extraction HNO<sub>3</sub> - HCl

Date Nov. 8, 1971

Method

Atomic Absorption

Analyst L. b.

Fraction Used / - 100 Mesh

SAMPLE NO.	Au oz/ton			REMARKS
Hole #3				
26-35	Nil			
35-45	Nil			
45-55	Nil			
55-65	Nil			
65-75	Nil			-
75-05	Nil			
85-95	lil			
95-105	Nil			
105-110	.02			
110-115	Nil			<del></del>
115-125	Nil			
125-135	Nil			
135-141	Nil			terferensenne descriptioner
141-151	Nil	,		
				<del>ili ili ili ili ili ili ili ili ili ili</del>

# Lab Report

No. 12948

From

H. B. & O. Engineering

Extraction

HNO<sub>3</sub> - HCl

Dato

Nov. 4, 1971

Method

Atomic Absorption

Adalyst L. B.

Fraction Used - 100 Mesh

		<del></del>					
SAMPLE NO.		oz/to	n				REMARKS
	·		-	•			
9477		Nil					
9478		Nil					-
9479		Nil					
9480		Nil					
9481		Nil					
						-	
					-		
					<b>-</b>		
	,			<b>+</b>			
			**************************************				
						-	
·			**********************				

# Lab Report

No. 12999

From

H. B. & O. Engineering

Extraction HNO<sub>3</sub> - HCl

Date

Nov. 5, 1971

Method

Atomic Absorption

Analyst

L. B.

Fraction Used - 100 mesh

Д. 17.			**	accion .	:	- 100 ma
SAMPLE NO.	Au oz/ton					REMARKS
9402	Nil					
9483	Nil					
9484	Nil					4
					<del> </del>	
			•			
					-	
		:				
			,			
·			<del></del>			
						•

DIAMOND DRILL LOG PRESERVE INTERNATIONAL NORVALUE MINISS LTD. HOLE NUMBER: LOCATION: CLAIM S-114783, HENOGAMING TWP. ONT. DIP TESTS NIL Latitude: 1500 NOITH Dip: VERTICAL Footage Readina Corrected Departure: 1100 EAST 88 FEET Depth Elevation: LAKE SHORIS Commenced: Nov. 10, 1971 Logged by: 911. Og da MIL Azimuth: n 10 Finished: SAMPLE NICKEL VICHEL DESCRIPTION NUMBER 9. 0-37: CASING, MOSTLY SAND WITH GRAVEL IN THE LAST FEW FEET. 37-39: GREY SERPENTINE, VERY 0.21 0.15 SOFT, YERY LITTLE SULPHIITE VISIBLE 39-88 GREEN SERPENTINE WITH 18-2% FINE PYRRHUTITE YPYRITE IN FRACTURES Y DISSEMINATED. 39-49: FINE SULPHINISS = 10.0FT 0.25 0.14 9491 024 0.14 49-59: MORK SULPHIAKS = 10.0 9492 59-69: AS IN 39-49 0.26 0.18 9493 - 10.0 69-79: AS ABOVE = 10.0 0.23 0.12 9494 9495 79-88: = 9.0 0.20 0.13 88: END OF HOLE

HALET, BROADHURST & OGDEN

# X-RAY ASSAY LABORATORIES

LIMITED

45 LESMILL ROAD

DON MILLS ONTARIO

445-5755

# Certificate of Analysis

NO. 8020

TO. Halet Broadhurst & Ogden Engineering Ltd., 360 Bay Street, Suite 1010, TORONTO, Ontario.

RECEIVED November 16, 1971

INVOICE NO.

3020

SAMPLE(S) OF 8 S. Core & 4 rocksubmitted to us show results as follows:

		SULPHIPI	:
Sample No.	% Ni (total)	% s <sub>2</sub> -N1	Au oz./ton
9490	0.21	0.15	
91	0.25	0.14	62% SULPHIPH
92	0.24	0.14	
93	0.26	0.18	
94	0.23	0.12	
95 -	0.20	0.13	
96	139	86	Trace
97	•		Trace
1	123	.14	Trace
2			Trace
3		•	0.01
4	•		Trace
Res	A A SITICATIONS	Elwan Pro	re.

Pert a silicamis
oxinas
Actors

Pertoys

Elician Probe.

prices sope.

\$100 t for 2 m3 titure

X-RAY ASSAY LABORATORIES LIMITED

ATE November 18 1071

CERTIFIED BY

ATE November 18, 1971

ASSAYERS - ANALYTICAL CHEMISTS - SPECTROGRAPHER

PROJECTY: INTERNATIONAL NORVALIE MINES LTD. HOLE NUMBER: 5 LOCATION: CLAIM: 5-114788, HENDEAMING TWP. ONT. DIP TESTS MIL

Latitude: 2095 NORTH Dips

Footage

Corrected

Departure: 620 WEST

80 FABT

Elevation: GROUND

Commenced: Nov. 6, 1971

Azimuth: 37°7 (GRAD A) Finished:

Logged by M. O. dar

Reading

NUMBER	DESCRIPTION	BOND	COPPE
•	0-24: CASING		
	24-44: GREY BANDED TUFF 050°		
	24 = 3" GRANITE, = 13 OULDER?		
485	25.5-26.0: 1/2 FOOT PORPHYRY	NIL	
486	42.0-42.2: 3IN. PORPHYRY	NIL	
	44-51: LIGHT GREY CLOSELY BANDED		'
	TUFF AT 70° TO CORE		
487	50.9-51.0; IINCH RUSTY Q72.+ PY	NIL	
	51-66 : GREY TUPP AT 60°		
488	61.0-61.3; 4 INCH OF GTZ + CHALCO	NIL	
	ON BOTH INFALLS		
	66-72: PINK TUPF & 65°	,	ç
	72-80: GREY TUPF		
	in of they jork		

PROPERTY: INTERNATIONAL NORVALIE MINES LTD. HOLE NUMBER: G

LOCATION: CLAIM: 5-114788, HENDGAMING TWP. ONT.

DIP TESTS NIL

Latitude: 2095 NORTH Dips 45

Footage

Reading

Departure: 680 WEST Depth:

81 FRET

Elevation: GROUND. Commenced: Nov. 7, 1971

Azimuth: 37° True (Grain N) Finished: Nov. 8 " Logged by: 97%. Og den

SAMPLE NUMBER	DESCRIPTION	GOLD	COPPE
<del></del> ,	0-8: CASING	1,000	
	8-76: GREY TUPP & 65° TO CORE		
	13 - 1 IN GTZ VEIN		
	15 SOME VERY BLACK BANDS		
	LIKE AT 92 FT. IN HOLE 3.		
9489	33.0-34.0: QTZ BANDS AN FIRMETURES	NIL	·
	WITH PYRITE IN FRACTURES		
	47: IINCH QTZ		
	57: OPEN CRACK, SAND IN IT. 73: BINCH GTZ.		
	76: Two YZINICH QTZ STRINGERS		
	76-81: LIGHT GREY TUPF @ 65° WITH		
	SOME QTZ STRINGERS.		τ,
	81 END OF HOLE		
	•		
İ		[	

HALET, BROADHURST & OGDEN

# Lab Report

No. 13060

From

H. B. & O. Engineering

Extraction HNO<sub>3</sub> - HCl

Date

Nov. 10, 1971

Method

Atomic Absorption.

Fraction Head - 100 mesh

nalyst L.b.		Fraction Used	- 100 mesh
SAMPLE NO.	Au oz/tone		REMARKS
9405	Nil		
9400	Nil		
9487	Nil		
9400	Nil		
9489	Nil		
Hole 165		320066	- DDH -
20-30	Nil		ļ.,
30-40	Nil		
40-50	Nil		
50-60	Nil		
60-70	Nil		
70-30	Nil		
Hole #6		SLUPGE	DDH - 6
10-20	Nil		
20-30	Nil		
30-40	Nil		
40-50	Nil		
50-60	Nil		
60-70	Nil		
70-81	NII		

## INVOICE

# • X-Ray assay laboratories

LIMITED

45 LESMILL ROAD

DON MILLS ONTARIO

445-5755

Halet Broadhurst & Ogden Engineering Ltd., 360 Bay Street, Suite 1010, Toronto, Ontario.

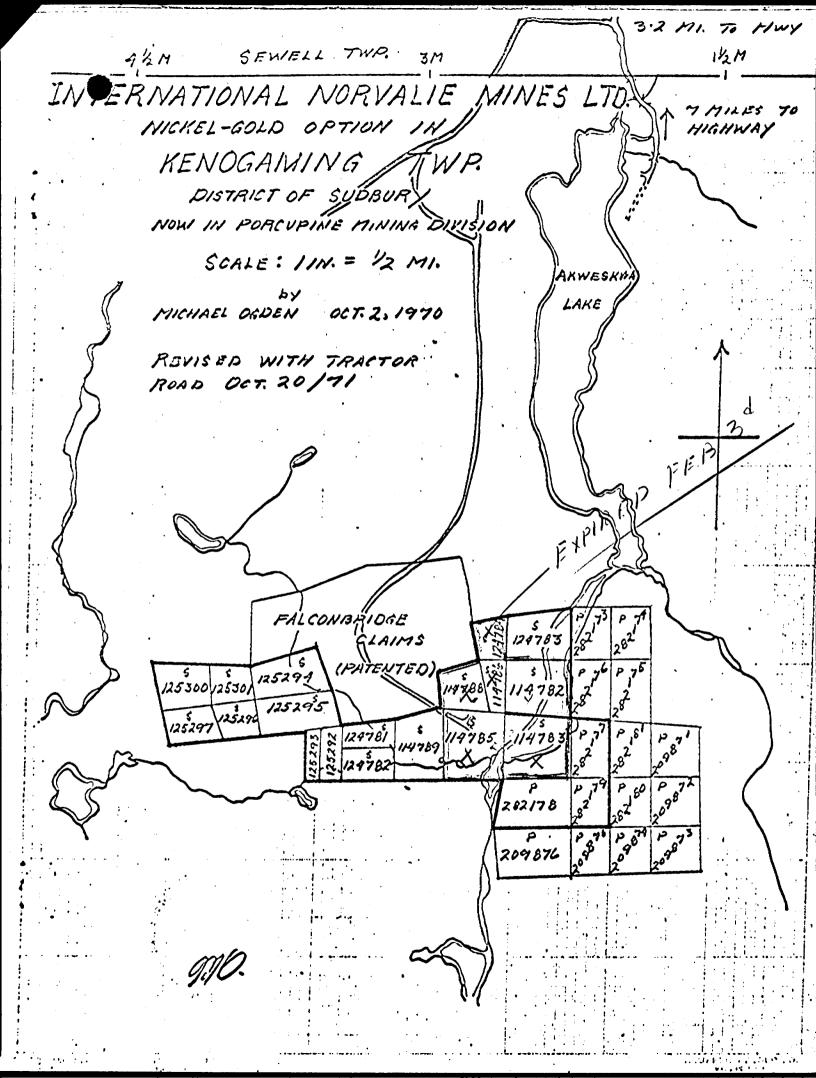
DATE NOV. 18, 1971

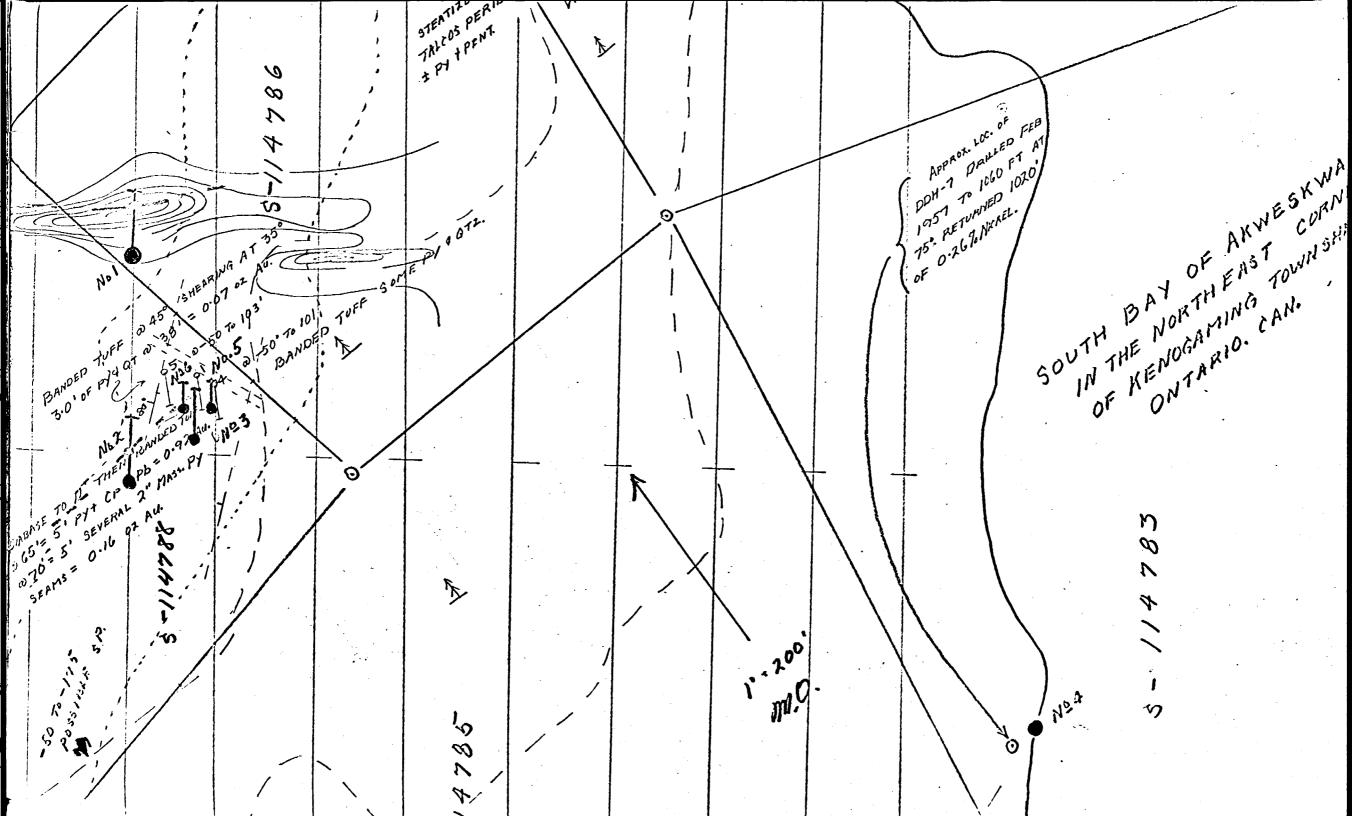
INVOICE

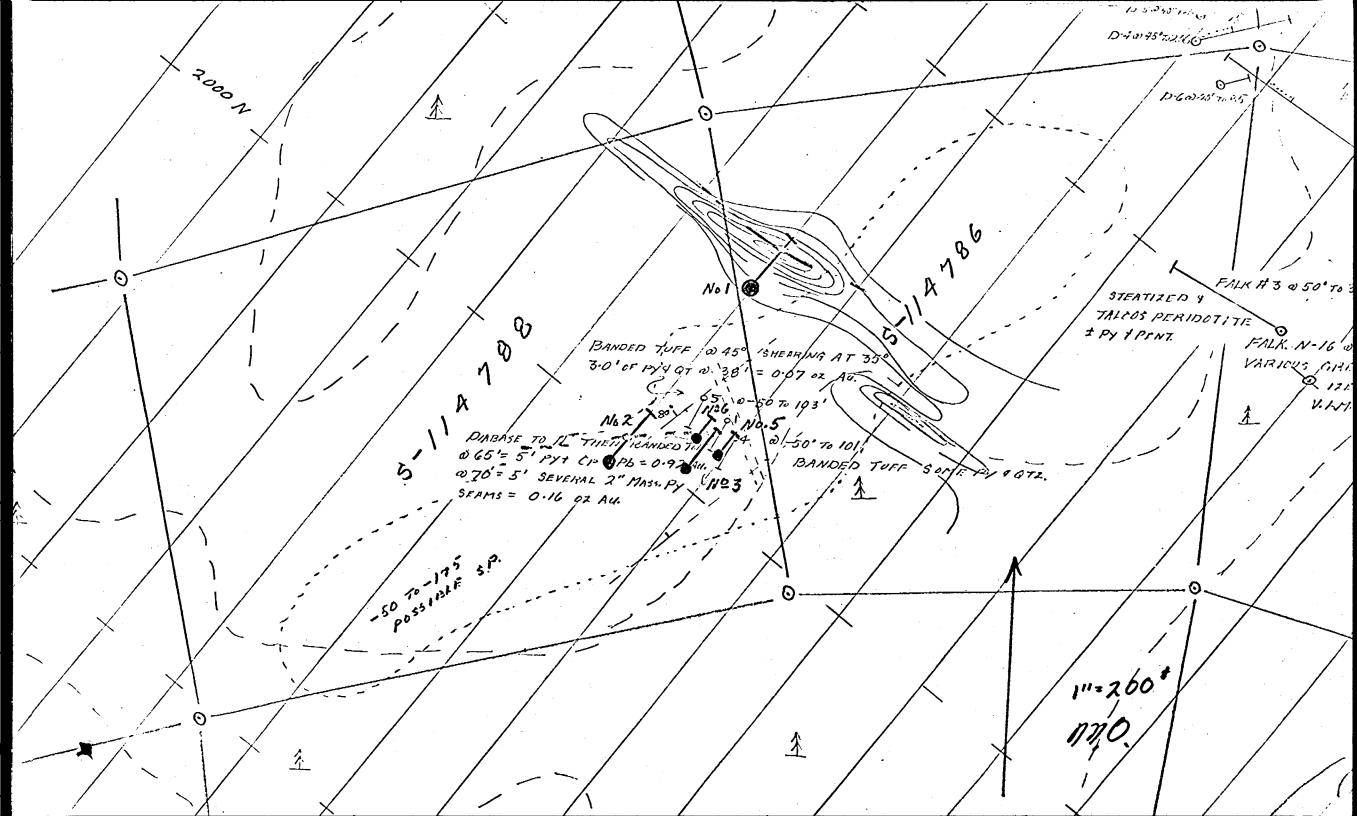
Nº 8020

ASSAY REPORT NO.	8020		
ITEM	ALIE	PRICE	AMOUNT
6 6 6	% Ni (total) % S <sub>2</sub> -Ni Gold Assays	@4.50 @4.50 @3.50	\$ 27.00 27.00 21.00
	Pd. Dec 1/21	·	\$ 75.00

TERMS. NET 30 DAY







APPROX. LOC. OF DOH-7 PAILLED FEB 1957 TO 1060 FT AT 75° RETURINED 1020 OF 0.267 NKAEL. LAKE, SOUTH BAY OF AKWESKWA IN THE NORTH EAST CORNER OF KENOGAMING TOWNSHIP. ONTARIO. CAN. IN SO Nº4 AVAILABLE) 14 ٠ ا 1 = 200' MO.

Dyplicate Report

INTERNATIONAL NORVALIE MINES LIMITED SUITE 1010, 360 BAY STREET TORONTO, ONTARIO.

1971 DRILLING PROGRAM
KENOGAMING TOWNSHIP PROPERTY
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BY

MICHAEL OGDEN, B.A.Sc., P.Eng. Toronto, Ontario

DECEMBER 15, 1971.

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## SUMMARY OF DRILL RESULTS:

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ALSO ON LINE 8 WEST, BUT AT 1925 NORTH. THIS HOLE WAS TO PROBE A WEAK ELECTROMAGNETIC CODUCTOR THAT MIGHT HAVE REFLECTED A ZONE OF GOLD MINERALIZATION.

SERPENTINE, WHICH IS A WEAK CONDUCTOR, WAS FOUND FROM 43 TO 75 FEET IN THE HOLE BUT NO VISIBLE MINERALIZATION WAS ENCOUNTERED.

#### Holes 3, 5 & 6.

WERE DRILLED TO TRY AND RELOCATE THE GOOD GOLD INTERSECTION OF OLD HOLE NO. I WHICH WAS DRILLED IN SEPTEMBER OF 1960. AN INTERSECTION OF 0.92 OUNCES OF GOLD WAS ENCOUNTERED AT THAT TIME AT 65 FEET IN THE HOLE. SUCH VALUES COULD NOT BE REPEATED.

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#### CONCLUSIONS.

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- WHEN NICKEL GETS BACK ABOVE \$1.50 PER POUND THE POSSIBILITY OF A LARGE LOW GRADE OPEN PIT NICKEL OPERATION SHOULD BE CONSIDERED. IT APPEARS THAT

...3/

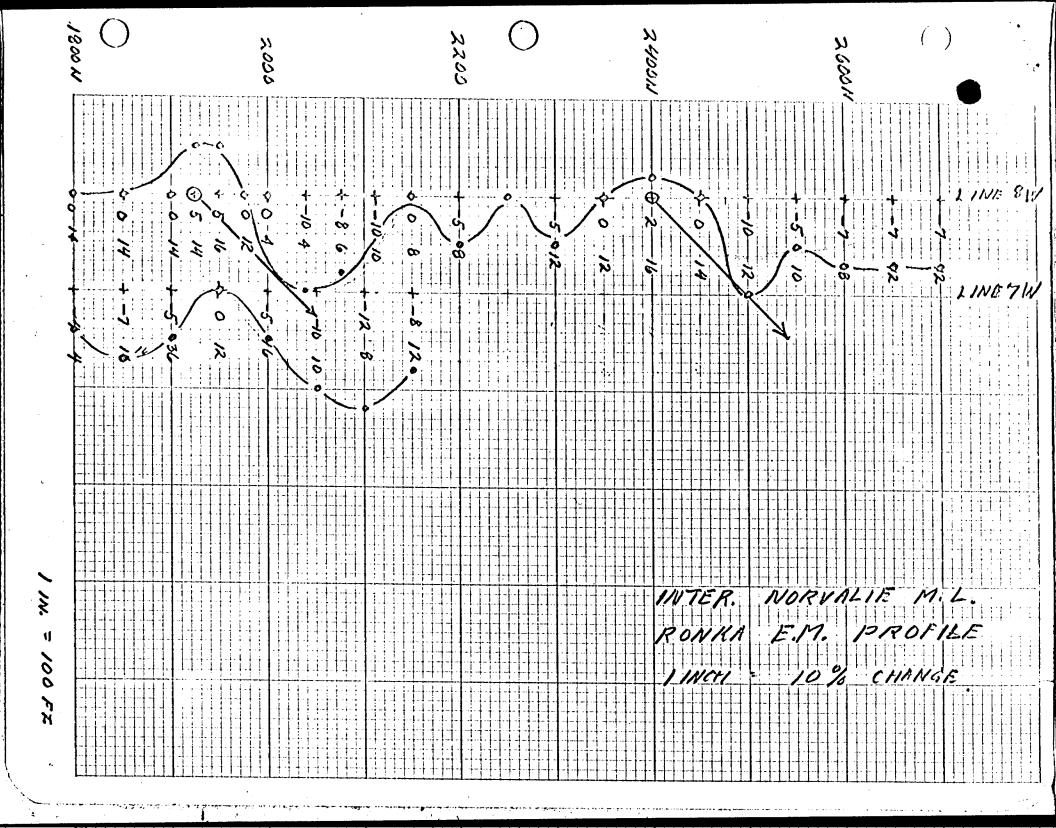
THERE IS STILL ONE GOOD COMBINED MAGNETIC AND ELECTROMAGNETIC ANOMALY THAT SHOULD BE TESTED. IN CLAIMS S-124782 AND 125292, JUST SOUTH OF THE RIVER MEAR LINE 16 WEST. This zone of probable faulting and possible mineralization could be investigated with a few lines of geochemical soil sampling at about 25 feet intervals. If an indication of mineralization were obtained, then the area could be trenched or diamond drilled.

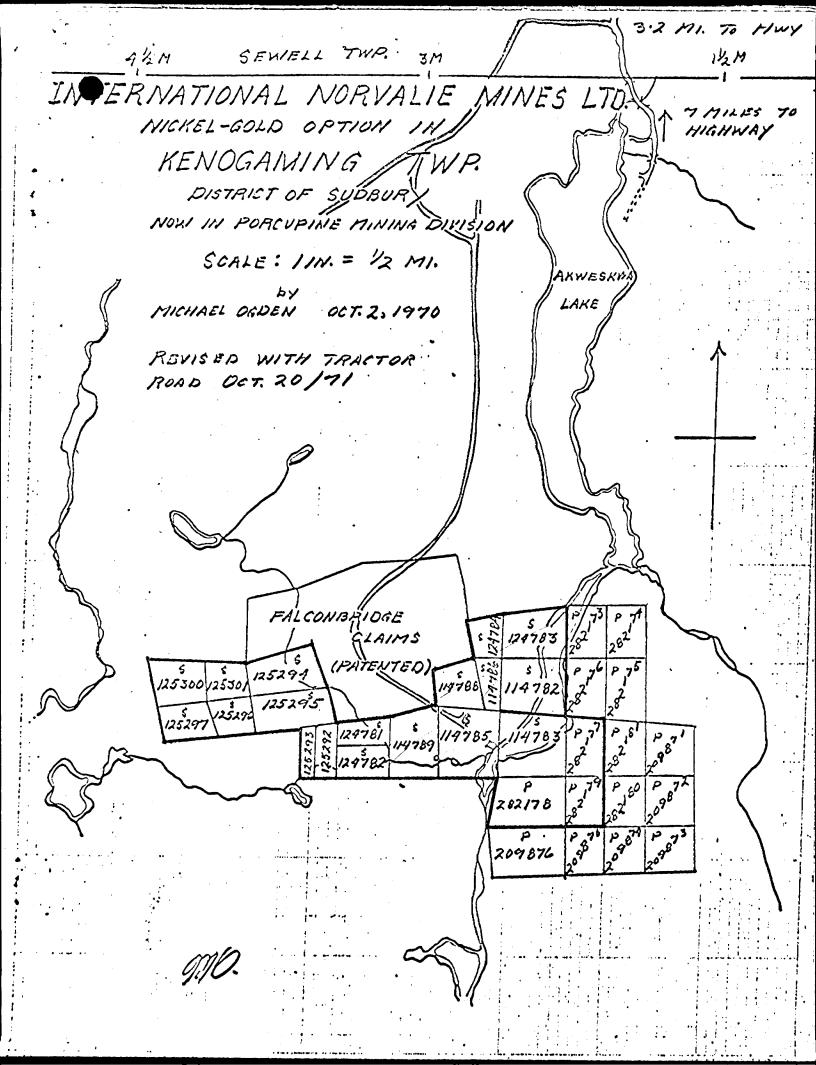
RESPECTFULLY SUBMITTED

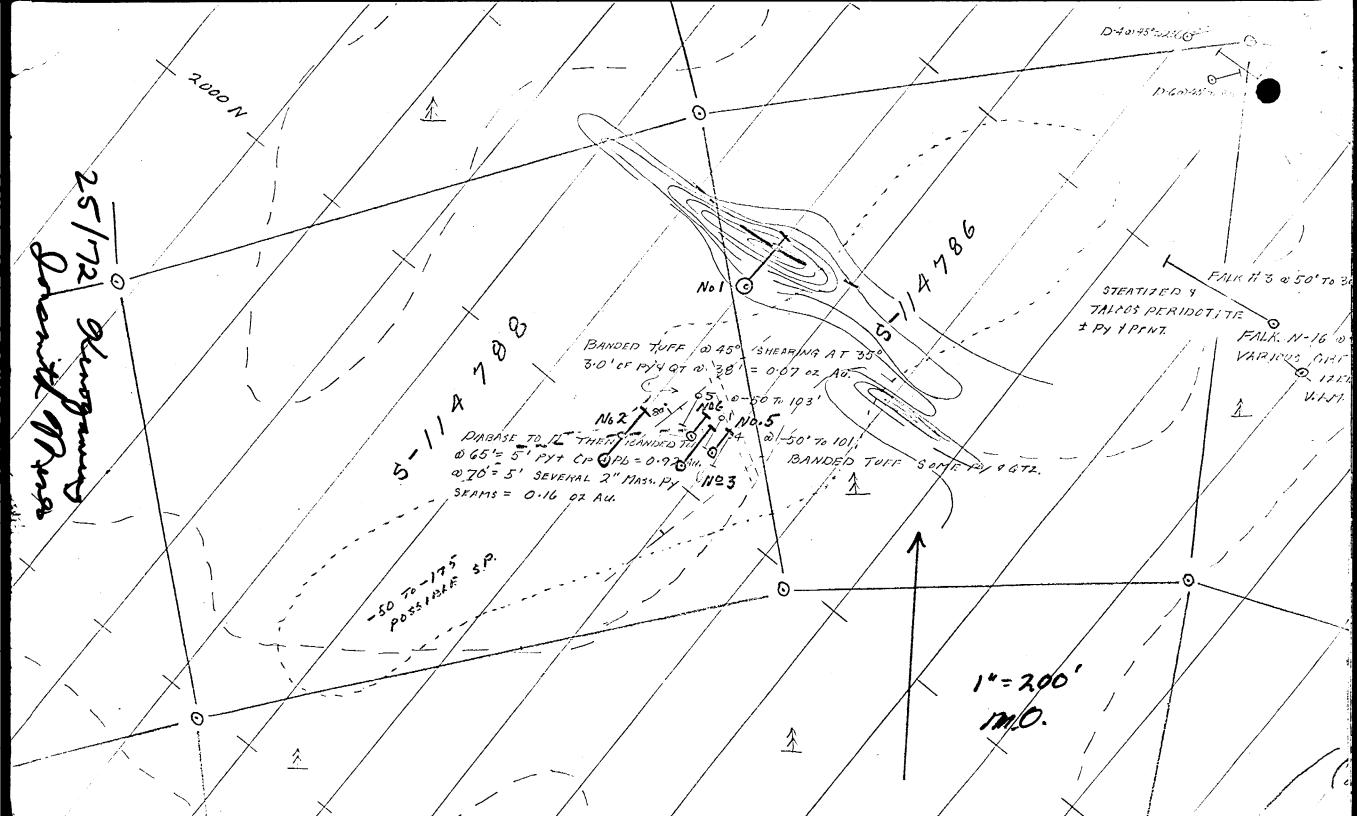
MICHAEL OGDEN

TORONTO, ONTARIO.

DECEMBER 15, 1971.







APPROX. LOC. OF DOH-7 PALLED FEB 1957 TO 1060 FT AT 75" RETURINED 1020/ OF 0.26% NICKEL. LAKE, SOUTH BAY OF AKWESKWA IN THE NORTH EAST CORNER OF KENOGAMING TOWNSHIP. ONTARIO. CAN. 0 Nº 4 AVAILABLE) 1"=200" ny.O. 50 S

DIAMOND DRILL LOG LANGE INTERNATIONAL NORVALIE MINAS LTD. HOLE NUMBER: LOCKION: CLAIM 5-114786, KENDGAMING TWP. ONT. DIP TESTS NIL Latitude: 2460 NonTH Dip: Footage Reading Corrected Departure: LING 8 WEST Depth: 175 FT. Commenced: 0c7 27/71 Elevation: CROUND Azimuth: GRIP NORTHS Finished:

SAMPLE NUMBER	DESCRIPTION	Au.	PH.
	0-13: CASING		
	13-107: BANDED GREENSTONE TUFF.		
	A PARK GREEN TO BLACK ROCK		
	WITH DISTINCT LIGHT GREY BANDIN	٨	
	OF 1/32 TO 4 INSTIBS IN WIDTH		
i	AT 70° ±10° TO CORE		
	87 = 14"QTZ VEIN AT 90°+		
	PYRITE FOR I INCH		
	107-115: GREEN SHEAR ZONE.		
	FINE GRAINED, WELL SHEARED.		
P1	107.0-107.5 = 1/2 FOST OF 4% PYRITE		
	IN FINE BANDS =	NIL	0.1%
	115-175 GREY BANDED TUFF		
72	128-129 = I FOOT OF SILICHOUS		
	SHEARING AT 80°+2% PYRITE	NIL	0.035 %
	AND A I INCH QTZ VBIN.		
73	156-157 = 1 FOOT WITH A 1".		
		MIL	0.32%
	OF CHALCOPYRITE AND ANOTHER 1"		

MPLE ABER	DESCRIPTION	GOLD	COPPIER
تخرز	156-157 CONTINUAR SHEAR WITH A GOB OF		0.32%
	CHALCO.	·	
	175 END OF HOLE.		
	•		
			,
		,	
		·	
			·

DIAMOND DRILL LOG WE INTERNATIONAL NORVALIE MINES LTD. HOLE NUMBER: 2 LENOS CLAIM: S-114788, HENDGAMING TWP. ONT. DIP TESTS NIL Estitude: 1925 NORTH Dip: 450 Footage Reading Corrected Departura: 805 WAST Depth: 152 FT. Elevation: GROUND Commenced: 29 OCT. /7/ Azimuth: 37° TRUE Logged by: M. Og olon 30 \* Finished: SAMPLE NUMBER DESCRIPTION 0-10: CASING 10-43: BANDED GREY TUFF AT 45°, PEMI SPECKS OF PYRITE 43-63: WHITE SHEARED SERPENTINE

43-63: WHITE SHEARED SERPENTINE WITH CALCITE STIPINGERS. BANDING AT 90° TO CORE.

63-75: DARK SERPENTINE WITH

CALCITE STEINGERS AT VARIOUS

PNGLES.

75-90: GREY TUFF

90-152: DIABASE WITH GREEN BLOBS OF EPIDOTE? TRACK OF PY. 4 CP.

152 END OF HOLK

FORWAR INTERNATIONIAL NORVALIS MINES LTD. HOLE NUMBER: 3 LOCATION: CLAIM: 8-114788, HENDEAMINE TIMP. ONT. DIP TESTS NIL

Latitude: 2025 NonTH Dip:

Footage

Reading

Corrected

Departure: 650 WEST Depth: 150 FISET

Elevation: Commenced: Oct. 31,197/

La 2707/Ann Manulana

SAMPLE NUMBER	DESCRIPTION	GOLD	COPPE
Ĭ.	0-22 CASING		*
	22-25 GRANITE		
1477	22.6-22.5. BROKEN RUSTY GTZ. 1/2 FT.	NIL	
	25-92 : GREY, EVEN. TUPP	,	
7478	25.5-26.0: BROKEN RUSTY GTZ. 1/2 FT.	NIL	
7477	27: BINCHES ATZ + PYRITE = 02 FI	NIL	********
4180	31.0-31.6: QTZ+PY = 0.6Fx	NIL	-
	42-70 : GREY-GREEN, FINE PINK LIMED TUFF	,	
	W 60° TO CORIE		
	70 -139 : GREY BANDED TUPE AT 60 TO CORB		
94/31	90.0-90.2: 2. INCH GTZ VEIN = 0.2	NIL	-
94196	- OR- 90.0-90.5 = BROKEN POCK 20.5	TRAOR	-
	9497 = 90.0 = 2 INITH DANDED GTZIFF. = 0.2	TIONOR	
	93: GIMCHES OF VISRY BLACK		
į	BRUDING		
	91: 1/2 INCH QTZ VEIN		
A. 4.02	91-115 MANY GTZ STRINGERS		
4482	123-124	NiL	-
074183	135 -138.5: GTZ STRINGBRS + Py = 3.5	NIL	-
	139-150: HEAVILY BANDED TUFFED 70.		
	MANY WHITE,GTO VEINS.	İ	
1484	139.5-141.0: GTZ+CHALO +Ay = 1.5 FT.	NIL	-

INTERNATIONAL NORVALIE MINES LTD. HOLE NUMBER: LOS MON JUMP S- NA 783 . HENOGAMING TWP. ONT. DIP TESTS ///L Lemide 1500 NORTH VERTICAL Dip: Footage Reading Corrected 88 FEET Desarror 1100 EAST Depth: Commenced: NOV. 10, 1971 Elevation: LANE SHORIS 8902 Logged by: M. Color n 10 Azimuth: Finished: SAMPLE MANNEL MINISA DESCRIPTION NUMBER 0-37: CASING, MOSTLY SAND WITH GRAVEL IN THE LAST FEW FEET. 9490 37-39: GREY SERPENTINE, VERY 6.21 0.15 SOFT, VERY LITTLE SULPHIDE VISIBLE 39-08: GREEN SERPENTIME WITH 18-2% FINE PYRRHOTITE YPYRITE IN FRACTURES Y DISSEMINATED. 39-49: FINE SULPHINBS = 10.0F7 0.25 0.14 9901 024 0.14 49-59: MORE SULPHIPES = 10.0 9492 0.26 0.18 59-69: AS IN 39-49 . 10.0 9493 69-79: AS ABOVE = 10.0 0.23 0.12 9494 = 9.0 9495 79-88: 0.20 0.13 88: END OF HOLE

WE SUTERNATIONAL NORVALIE MINES LTD. HOLE NUMBER: 5 LOCATION: CLAIM: 5-114708, HENDGAMING THP. ONT. DIP TESTS INIZ

Latitude: 2096 North Dip:

450

Footage

Reading

Corrected

Departure: 620 MISSY

Depth:

80 FEBT

Elevation: GROUNIA

Commenced: 100, 6, 1971

Azimuth: 37°7 (GRIPN)

Finished:

11 6. 11

Logged by: M. Order

SAMPLE DESCRIPTION NUMBER BOAD COPPEL 0-24: CASING 24-44: GREY BANDED TUFF 050° 24 = 3" GRAMITE, = 13 OWLDER? 25.5-26.0: 1/2 FOOT PORPHYRY MIL 07000 42.6-42.2: 3IN. PORPHYRY 2014 111-51: LIGHT GREY CLOSELY BANDED TUFF AT 70° TO CORE 67.7. V 50.9-51.0; I MICH RUSTY GTZ.+ PY 51-66 : GREY TUPP AT 60° 61.0-61.3; AINCH OF GTZ + CHALCO ON BOTH INFALLS 35-72: PINK TUPP & 650 72-80: GREY TUPF

NYERMATIONAL NORVALIE PAINES LTD. HOLE NUMBER: G COLOR CLAIM: 5-114788, HENDGAMING TWP. ONT. DIP TESTS 7/14 LOSSIES 2095 NORTH Dips 450 Footage Readina Corrected Sections 680 WEST Depths 81 FRET Elevation: CAROUND. Commenced: Nov. 7, 1971 Azimuth: 3 7 Trus (Anin N) Finished: Nov. 8 " logged by: Dy. Og olar SAMPLE NUMBER 0 - 8 : CASING 0-96; GREY TUPP & 65° TO CORE 13 º IM QTZ VEIN 15: SOME VERY BLACK BANDS LIKE AT 92 FT. IN HOLE 3. 19/2: 1111CH QTZ. 9439 33.0-34.0: QTZ BANDS BY FIRE TOTES WITH PYRITE IN FRACTURES 47: IINCH GTZ 57: OPEN CRACK, SANIO IN IT. 73: 314CA GTZ. 76: TWO YZINCH QTZ STRINGERS 46-81: LIGHT GREY TUPF & 65° WITH SOME QTZ STRINABAS. SI END OF HOLE

