



42A04NW0047 2.16192 KENOGAMING

010

REPORT ON OVERBURDEN DRILLING IN  
KENOGAMING TOWNSHIP, DISTRICT OF COCHLANE,  
PORCUPINE MINING DIVISION, ONTARIO.

Timmins Nickel Inc.  
January, 1992.

SUMMARY AND CONCLUSIONS

Between November 1 and November 8, 1991 an overburden drilling till sampling program for nickel was performed on the RossMor property located in Kenogaming Township, District of Cochrane, Ontario. A total of 29 overburden holes were drilled for a total drilled footage of 284 feet. The highest nickel assay returned was 1400 ppm Ni, however follow-up drilling did not return and significant values. No further work on the property is recommended at this time

2. 16182

## LOCATION AND ACCESS

The Kenogaming Township-RossMor property is located in Kenogaming Township, Porcupine District of Northeastern Ontario (Latitude 48 degrees, 11 minutes and Longitude 81 degrees, 55 minutes) approximately 65 Km southwest of Timmins. Access to the property is by Highway 101 approximately 55 Km west of Timmins past Opishing Lake to the Kenogaming Road the approximately 8 Km south along Kenogaming Road. A series of secondary trails provide good access to the western part of the property.

## PROPERTY DESCRIPTION

The property comprises 43 contiguous unpatented mining claims in northwestern Kenogaming Township covering an area of approximately 688 hectares. A list of claims and their status is presented in Table 1.

## REGIONAL GEOLOGY

The property lies within the eastern part of the Swayze Greenstone Belt, located in the Superior Province of the Canadian Shield. The belt is of Archean age and forms a lenticular east-west trending tectonic stratigraphic sequence composed predominantly of greenschist facies metavolcanic, subvolcanic and metasedimentary rocks with coeval ultramafic, mafic and felsic intrusions. The belt is bounded to the north and south by Archean gneissic and metasedimentary rocks.

## PROPERTY GEOLOGY

The Kenogaming Township RossMor property is underlain by a series of intermediate to felsic metavolcanic rocks which are overlain by metasedimentary rocks including iron formation. The package was previously interpreted to be intruded by a suite of ultramafic intrusives however initial geological mapping in the fall of 1990 indicates that the ultramafics are probably extrusive flows and are associated with cherty iron formation.

## FIELD METHODS

The overburden drill consists of an underground longhole drill with a portable compressor mounted on skids. A hollow drill bit is forced into the ground until it reaches a solid substrate such as bedrock or a large boulder. The bit is then pulled and the last 0.75 feet of drilling is recovered and sent for assay. If a portion of bedrock is recovered it is separated from the till sample and saved.

## SUMMARY OF WORK PERFORMED

Between November 1 and November 3, 1991 an overburden

drilling till sampling program was conducted on the property consisting of 29 overburden holes for a total drilled footage of 284 feet (Table 2). The holes were drilled at 200 foot spacings located adjacent to and immediately south (down ice direction) of the ultramafic basal contact on claims 1154534, 1154535, 1156058, and 1156069 (see Map 1). An east-west cut baseline runs through the south portion of these 4 claims and was used as a reference for hole locations. The ultramafic contact was located using a fluxgate magnetometer and pace and compass traverses north and south of the baseline. Readings were taken at 50 foot intervals along the traverses and at 100 foot intervals along the baseline.

Two overburden holes were drilled on claim 1154533 to test the western extension of the ultramafic basal contact.

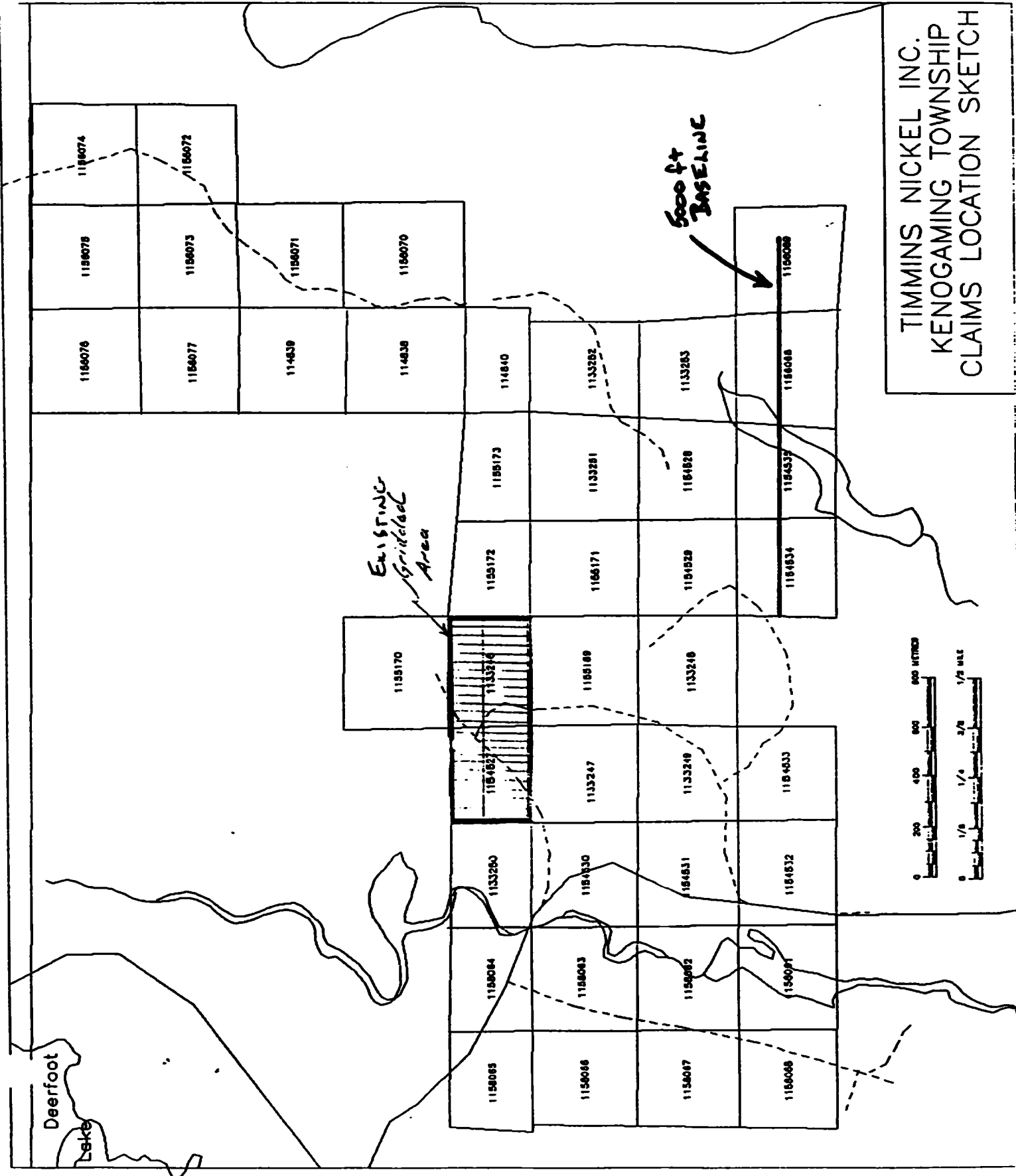
### DISCUSSION OF RESULTS

The reconnaissance magnetometer survey appears to have located the ultramafic-felsic to intermediate volcanic rock contact fairly accurately within the map area. The contact is interpreted to be irregular but in general trends east-west just north of the base line.

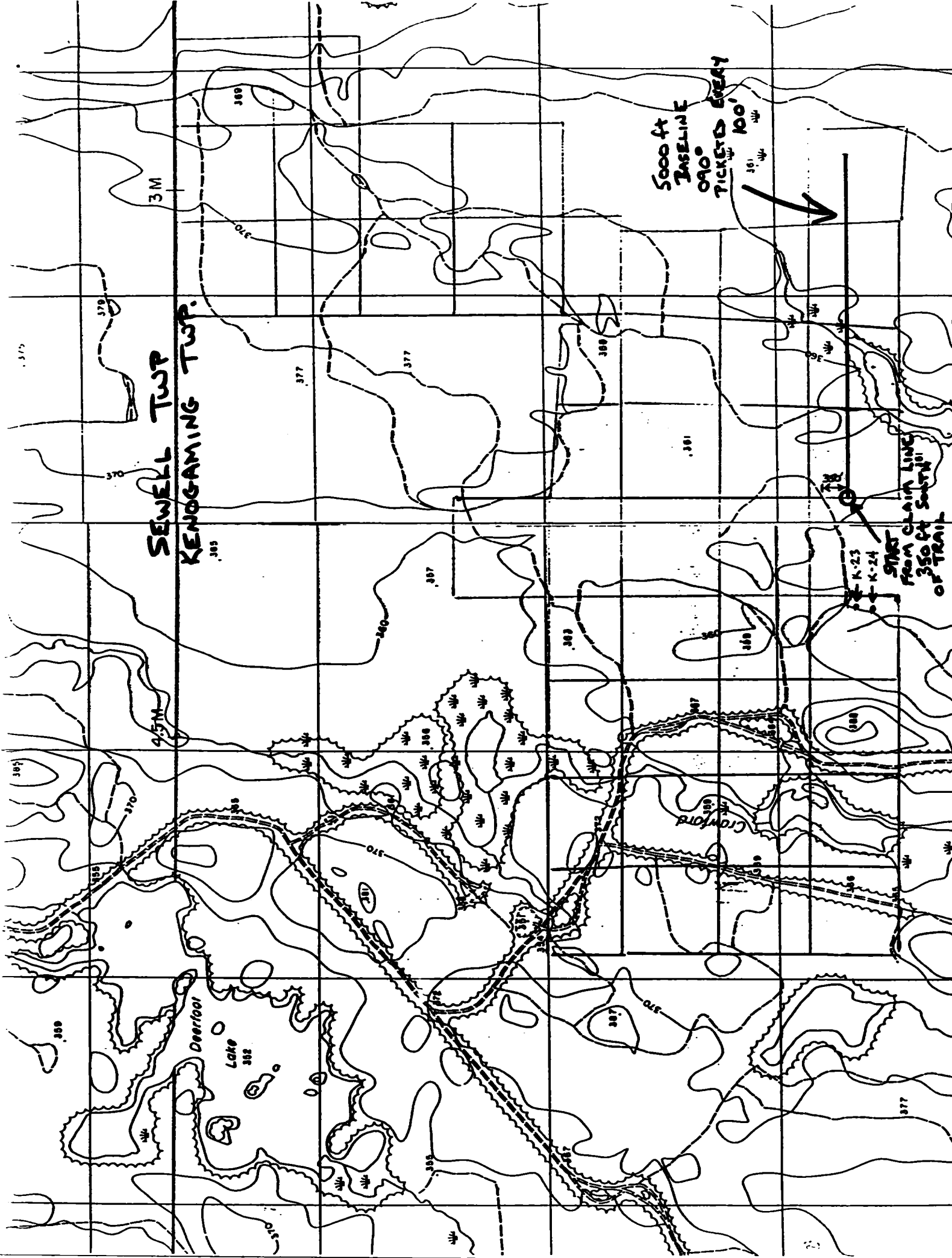
It is not known how many holes actually reached bedrock due to the abundance of boulders in the overburden and on surface. A list of nickel assays is included for both aqua regia digest and HF digest. Holes K-4 and K-5 indicated slightly elevated nickel contents and it was decided to drill holes K-25 to K-29 to follow-up this area along the ultramafic basal contact at 100 foot spacings. The follow-up drilling did not suggest an anomalous nickel concentration and no further drilling was performed.

## SUMMARY AND RECOMMENDATIONS

A reconnaissance magnetometer survey confirmed the existence and approximate location of the contact between ultramafic and felsic to intermediate volcanic rocks. A series of 29 overburden drillholes were drilled to test the nickel content in till immediately south of and down ice from the ultramafic basal contact at 200 foot intervals. Assay results did not indicate an anomalous concentration of nickel along the ultramafic basal contact and no further work is recommended at this time.

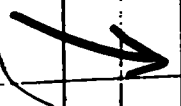


TIMMINS NICKEL INC.  
 KENO GAMING TOWNSHIP  
 CLAIMS LOCATION SKETCH



SEWELL TWP  
KENDOGAMING TWP.

5000 ft  
BASELINE  
090°  
TICKETS EVERY  
100'



START  
from CLAIM LINE  
350 FT SOUTH  
of TRAIL

Deerfoot  
Lake  
388

CLOWARD

3 M

**SCHEDULE "A"**

P1133248

P1133246

P1133247

P1133249

P1133250

P1133251

P1133252

P1133253

P1155169

P1155170

P1155171

P1155172

P1155173

P1158061

P1158062

P1158063

P1158064

P1158065

P1158066

P1158067

P1158068

P1114838

P1114840

P1114839















OVERBURDEN DRILL HOLE LOG

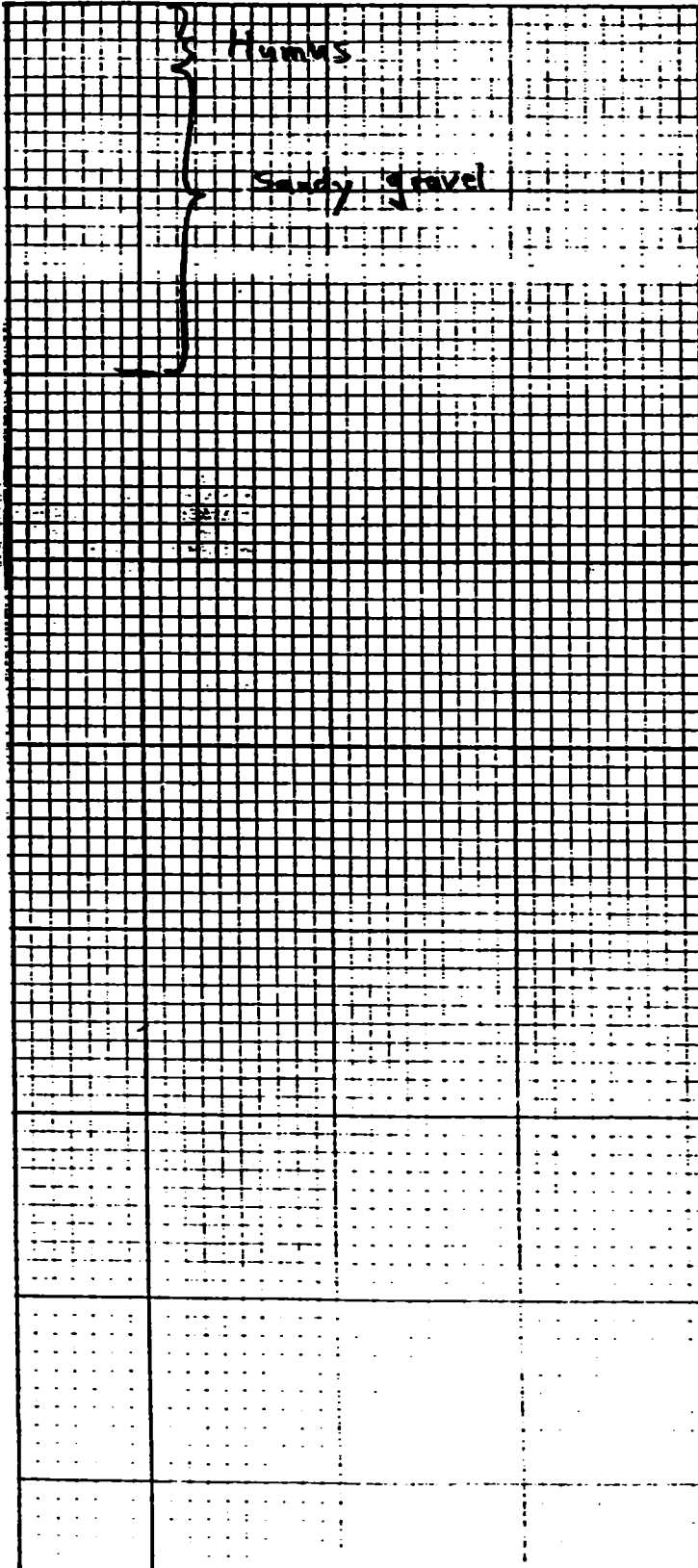
DRILL HOLE #: **k-7**  
 COORDINATES: **3+50 N**  
                   **40+00 E**

PROPERTY: **Kenogaming**  
 HOLE DEPTH: **8'**  
 SAMPLE INTERVAL: **8.0 to 7.5'**  
 SAMPLE LENGTH: **0.5'**

DATE: **Nov 4/91**

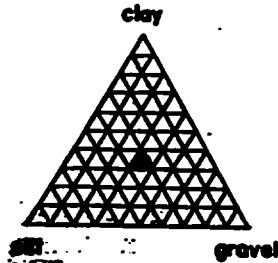
GRAPHIC SECTION  
 Scale: 1" = 4'

DESCRIPTIVE  
 NOTES



SAMPLE DESCRIPTION **k-7**

OXIDATION: **① 2 3 4 5**  
 COLOUR: **Lt brown**  
 CONTENT:



FRAGMENTS:

Lithologies:  
 Frag's rare, a few small  
 felsic frag's.

Angularity: 1 2 3 **④** 5  
 Size:

ASSAY RESULTS:

		Ni	Cu
<b>k-7</b>	Sample 1:		
	Sample 2:		

BEDROCK SAMPLE RETRIEVED  
 Yes **(NO)**

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:  
 Rods tight in hole; probably stopped before  
 bedrock.  
 Drilled 50' north of mag readings; excessive  
 dead fall  
 Likely not till, lacustrine sand.  
 EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-8

PROPERTY: Kenogaming

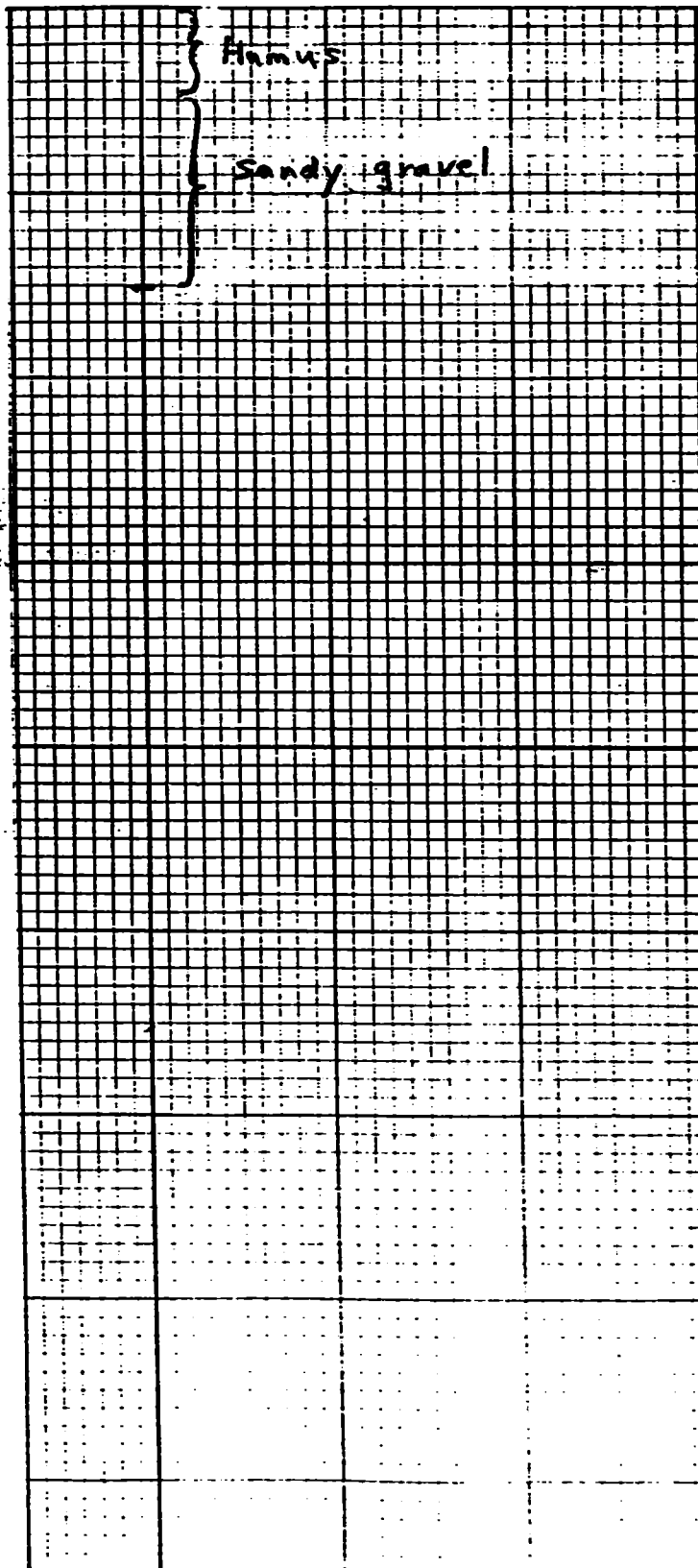
COORDINATES: 2+00N  
42+00E

HOLE DEPTH: 3'  
SAMPLE INTERVAL: 30' to 2.25'  
SAMPLE LENGTH: 0.75'

DATE: Nov 4/91

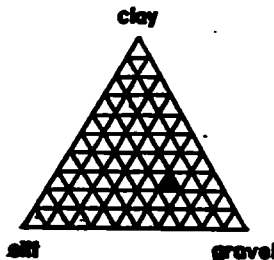
GRAPHIC SECTION  
Scale: 1" = 2'

DESCRIPTIVE  
NOTES



SAMPLE DESCRIPTION k-8

OXIDATION: ① 2 3 4 5  
COLOUR: Brown  
CONTENT:



FRAGMENTS:

Lithologies:  
5% ultramafic frag's.

Angularity: 1 ② 3 4 5  
Size: up to 5mm.

ASSAY RESULTS:

		Ni	Cu
k-8	Sample 1:		
	Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  No

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:

Sandy gravel, may not be till.

EQUIPMENT LOSS:







OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-11

PROPERTY: kenogaming

COORDINATES: 1+00 N  
29+00 E

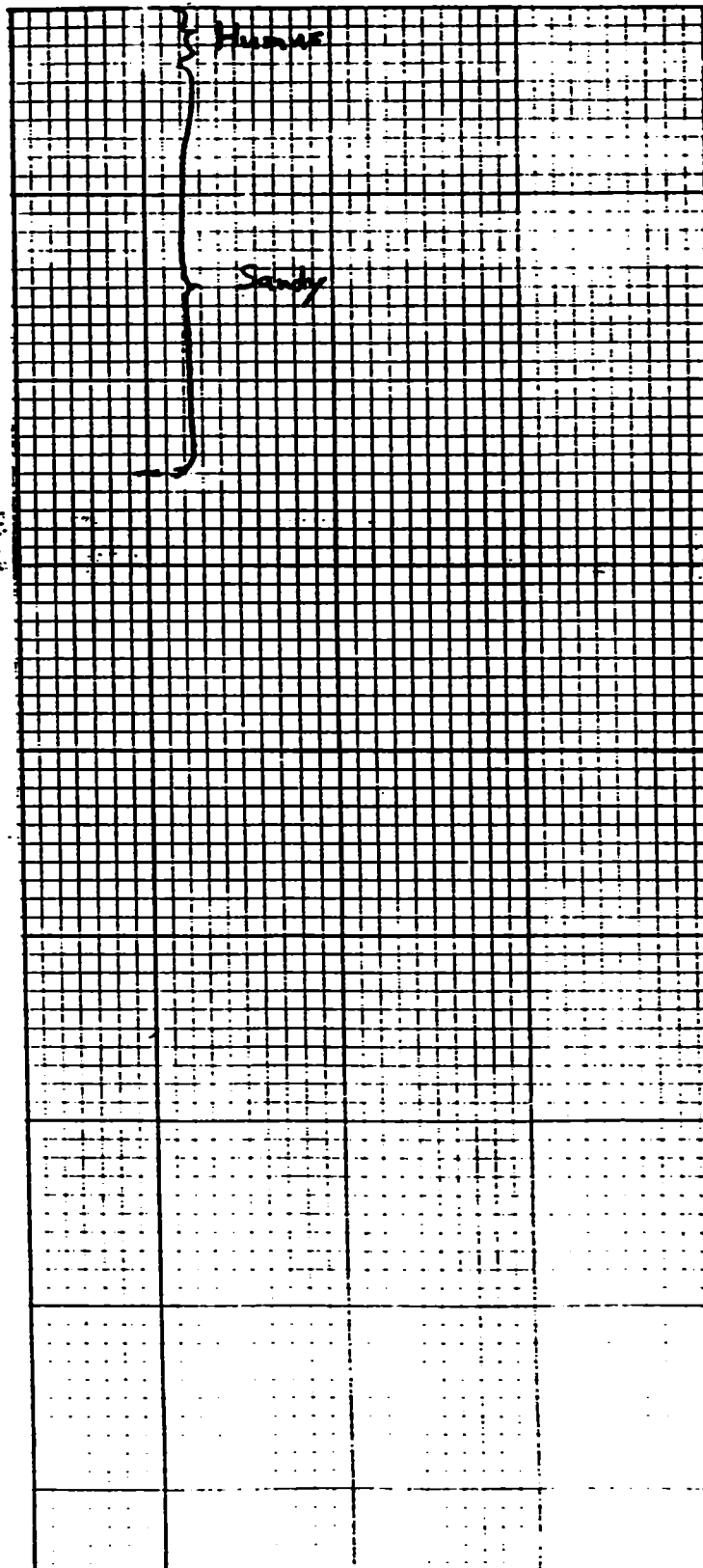
HOLE DEPTH: 10'  
SAMPLE INTERVAL: 9.25' to 9.75', 9.75-10.0' (bedrock)  
SAMPLE LENGTH: 0.5'

DATE: Nov 4/91

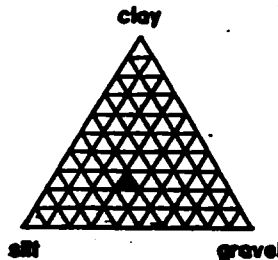
GRAPHIC SECTION  
Scale: 1" = 4'

DESCRIPTIVE  
NOTES

SAMPLE DESCRIPTION K-11



OXIDATION: ① 2 3 4 5  
COLOUR: grey-brown  
CONTENT:



FRAGMENTS:

Lithologies:  
Heterolithic  
1% ultramafic frag's.  
1% felsic frag's.

Angularity: 1 2 ③ 4 5  
Size:  
up to 8mm

ASSAY RESULTS:

		Ni	Cu
K-11	Sample 1:		
	Sample 2:		

BEDROCK SAMPLE RETRIEVED  
 Yes  No

BEDROCK DESCRIPTION:  
Ultramafic, talcose.

ADDITIONAL NOTES:

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: k-12

PROPERTY: kenogaming

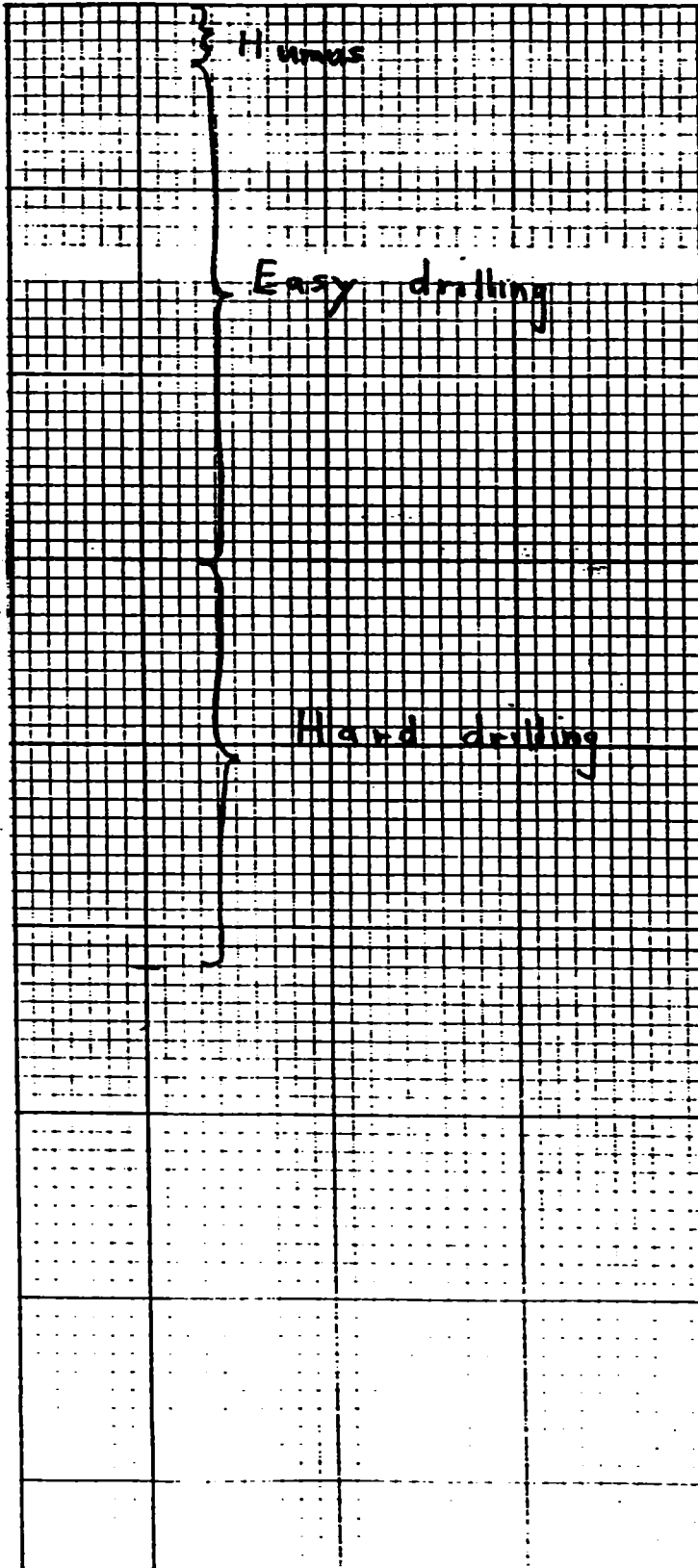
COORDINATES: 1+00 #5  
26+00 E

HOLE DEPTH: 26'  
SAMPLE INTERVAL: 260 to 25.25'  
SAMPLE LENGTH: 0.75'

DATE: Nov 5/11

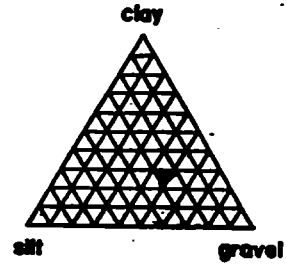
GRAPHIC SECTION  
Scale: 1" = 5'

DESCRIPTIVE  
NOTES



SAMPLE DESCRIPTION k-12

OXIDATION: ① 2 3 4 5  
COLOUR: Brown  
CONTENT:



FRAGMENTS:

Lithologies:  
5% ultramafic frag's.

Angularity: 1 ② 3 4 5  
Size: up to 2cm.

ASSAY RESULTS:

	Ni	Cu
k-12 Sample 1:		
Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  No

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:  
Several pebbles jammed in bit.

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-13

PROPERTY: kenogaming

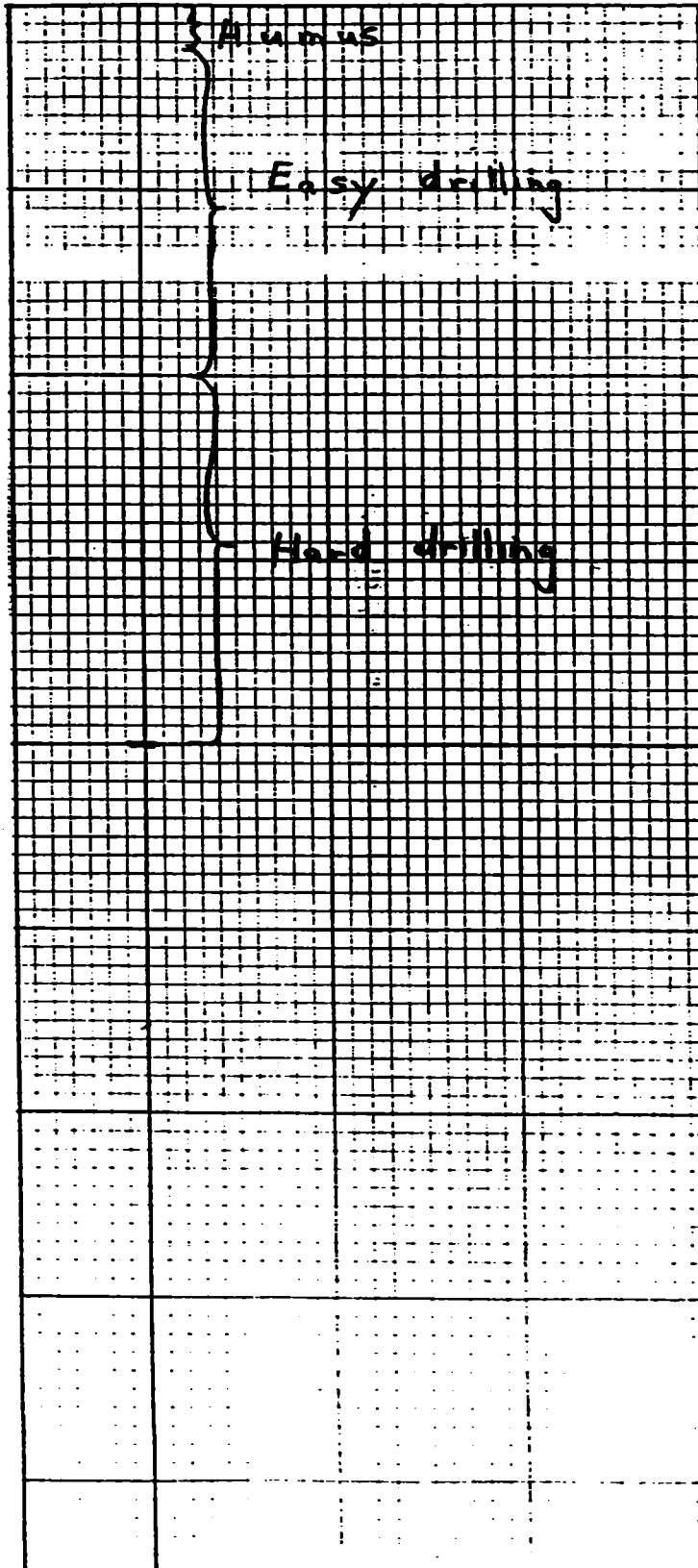
COORDINATES: 0+50 N  
24+00 E

HOLE DEPTH: 20'  
SAMPLE INTERVAL: 19.7 to 19.25 (lost 0.3')  
SAMPLE LENGTH: 0.45'

DATE: Nov 5/91

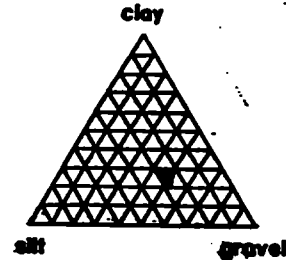
GRAPHIC SECTION  
Scale: 1" = 5'

DESCRIPTIVE  
NOTES



SAMPLE DESCRIPTION K-13

OXIDATION: ① 2 3 4 5  
COLOUR: Lt grey  
CONTENT:



FRAGMENTS:

Lithologies:  
Heterolithic  
1-2% felsic frag's.  
1% ultramafic frag's.

Angularity: 1 ② 3 4 5  
Size:  
Up to 5mm.

ASSAY RESULTS:

	Ni	Cu
K-13 Sample 1:		
Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  NO

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:

Rods very hard to pull  
Last 0.3' of sample not recovered.

EQUIPMENT LOSS:















OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-18B

PROPERTY: Kenogaming

COORDINATES: 1750 N  
8400 E

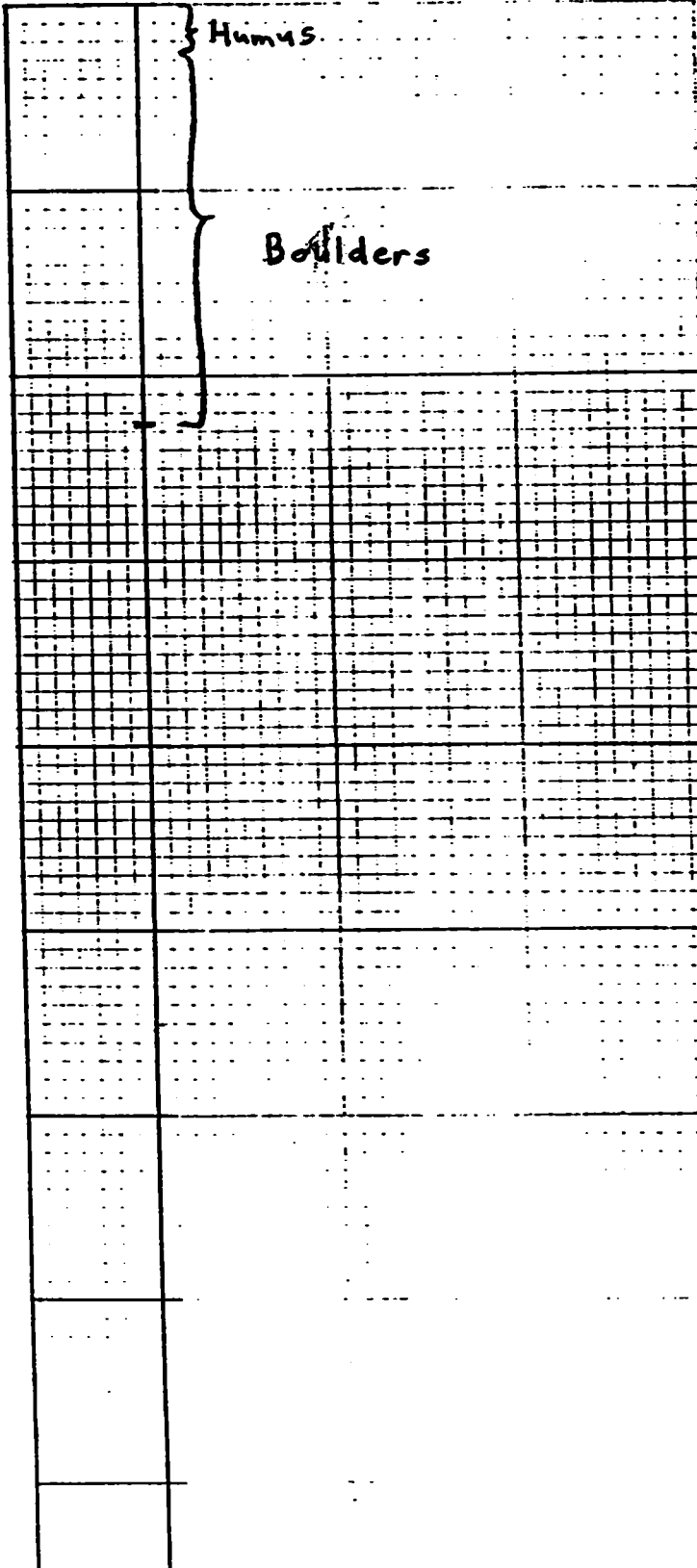
HOLE DEPTH: 9'  
SAMPLE INTERVAL: 9.0' to 8.25'  
SAMPLE LENGTH: 0.75'

DATE: Nov 6 /91

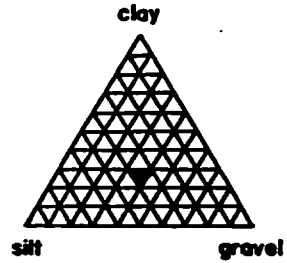
GRAPHIC SECTION  
Scale: 1" = 4'

DESCRIPTIVE  
NOTES

SAMPLE DESCRIPTION K-18B



OXIDATION: ① 2 3 4 5  
COLOUR: Lt green  
CONTENT:



FRAGMENTS:

Lithologies:  
<1%  
ultramafic

Angularity: 1 ② 3 4 5  
Size: 3-5 mm.

ASSAY RESULTS:

	Ni	Cu
K-18B Sample 1:		
Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  NO

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:

EQUIPMENT LOSS:





OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-21

PROPERTY: Kenogaming

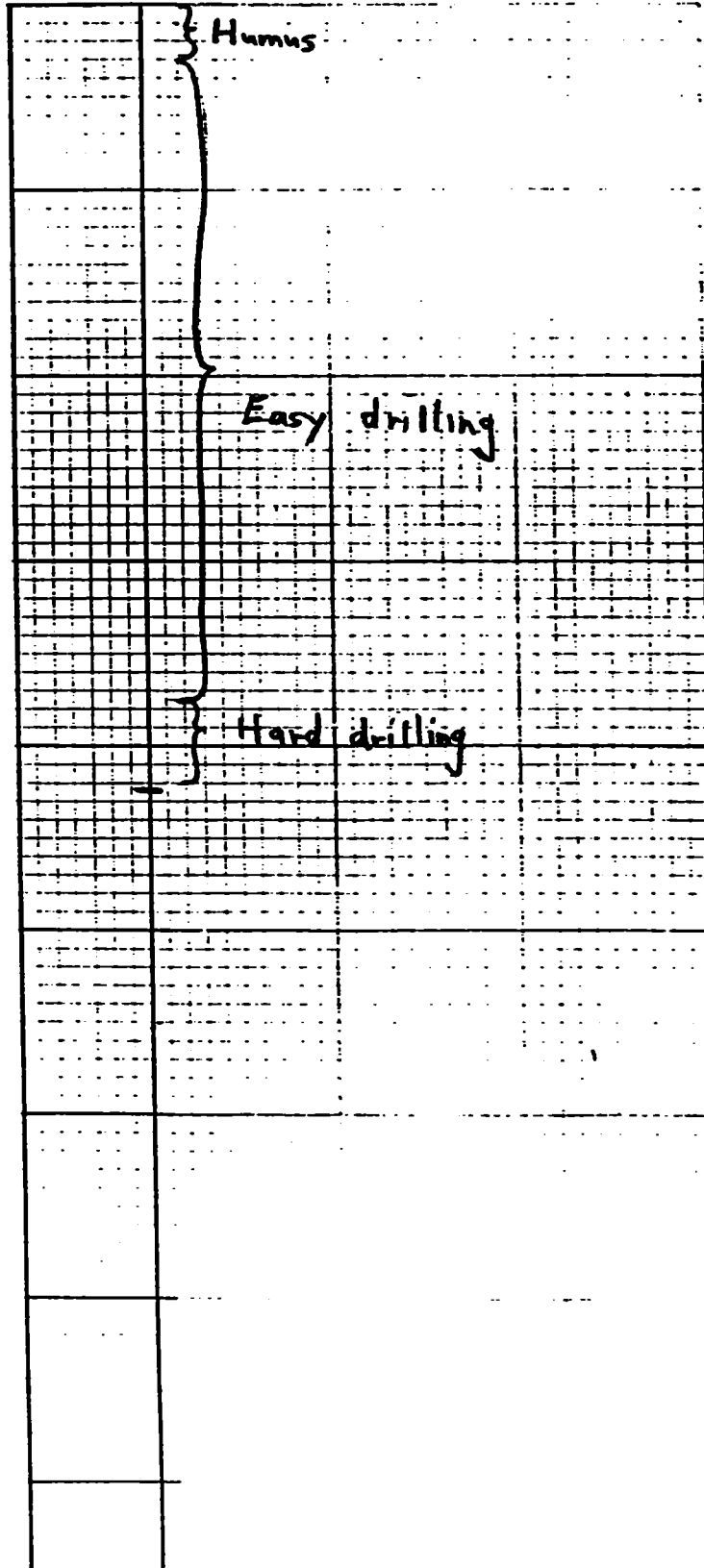
COORDINATES: 2+00 N  
14+00 E

HOLE DEPTH: 17'  
SAMPLE INTERVAL: 17.0' to 16.25'  
SAMPLE LENGTH: 0.75'

DATE: Nov 6/91

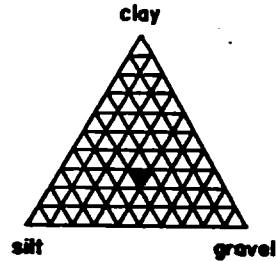
GRAPHIC SECTION  
Scale: 1" = 4'

DESCRIPTIVE  
NOTES



SAMPLE DESCRIPTION K-21

OXIDATION: ① 2 3 4 5  
COLOUR: Grey  
CONTENT:



FRAGMENTS:

Lithologies:  
Heterolithic  
5% ultramafic frag's.  
1% granitic frag's.

Angularity: 1 ② 3 4 5  
Size: up to 1.5 cm

ASSAY RESULTS:

	Ni	Cu
K-21 Sample 1:		
Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  No

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:  
Wet swampy ground

EQUIPMENT LOSS:





OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-23

PROPERTY: Kenogaming

COORDINATES: 2+00 NS of road  
0+50 E of road  
Claim #1154533

HOLE DEPTH: 3'  
SAMPLE INTERVAL: 2.8' to 2.25', 3.0' to 2.8' boulder  
SAMPLE LENGTH: 0.55'

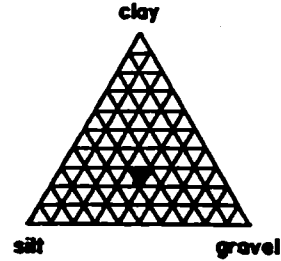
DATE: Nov 6/91

GRAPHIC SECTION  
Scale: 1" = 2'

DESCRIPTIVE NOTES


SAMPLE DESCRIPTION K-23

OXIDATION: ① 2 3 4 5  
COLOUR: Brown  
CONTENT:



FRAGMENTS:

Lithologies:  
3-5% ultramafic frag's.

Angularity: ① 2 3 4 5  
Size: up to 1cm.

ASSAY RESULTS:

	Ni	Cu
K-23 Sample 1:		
Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  NO

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:

Numerous boulders on surface.  
Second attempt - stopped in a boulder. Not till.  
Looks like soil.

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-24

PROPERTY: Kenogaming

COORDINATES: 4+00 ~~#5~~ on road  
 1+00 E of road  
 Claim #154533

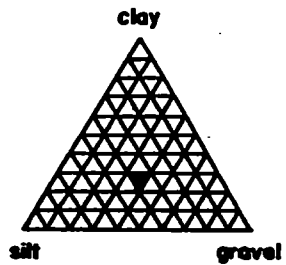
HOLE DEPTH: 6'  
 SAMPLE INTERVAL: 6.0' to 5.25'  
 SAMPLE LENGTH: 0.75'

DATE: Nov 7/91

GRAPHIC SECTION Scale: 1" = 4'	DESCRIPTIVE NOTES

SAMPLE DESCRIPTION K-24

OXIDATION: ① 2 3 4 5  
 COLOUR: Brown  
 CONTENT:



FRAGMENTS:

Lithologies:  
 1% ultramafic frag's.

Angularity: 1 ② 3 4 5  
 Size: 3-5mm

ASSAY RESULTS:

Ni      Cu

K-24 Sample 1:  
 Sample 2:

BEDROCK SAMPLE RETRIEVED  
 Yes  NO

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:  
 Numerous boulders on surface

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: k-25A

PROPERTY: Kenogaming

COORDINATES: 2+00 N  
29+50 E

HOLE DEPTH: 5'  
SAMPLE INTERVAL: 4.7' to 4.25'  
SAMPLE LENGTH: 0.45'

DATE: Nov 8/91

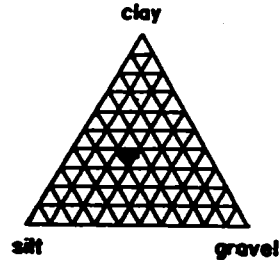
GRAPHIC SECTION  
Scale: 1"=4'

DESCRIPTIVE NOTES

SAMPLE DESCRIPTION K-25A

<p>Humus</p> <p>Boulders</p>			

OXIDATION: ① 2 3 4 5  
COLOUR: Lt brown  
CONTENT:



FRAGMENTS:

Lithologies:  
<1%  
felsic, ultramafic

Angularity: 1 2 3 ④ 5  
Size: 3-5mm

ASSAY RESULTS:

Ni Cu  
k-25A Sample 1:  
Sample 2:

BEDROCK SAMPLE RETRIEVED  
Yes  No

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:  
Last 0.3' of sample not retrieved.

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: k-25B

PROPERTY: Kenogaming

COORDINATES: 2+00 N  
29+50 E

HOLE DEPTH: 4'  
SAMPLE INTERVAL: 4.0' to 3.25'  
SAMPLE LENGTH: 0.75'

DATE: Nov 8 / 91

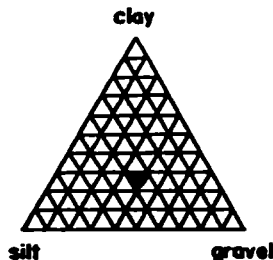
GRAPHIC SECTION  
Scale: 1" = 2'

DESCRIPTIVE  
NOTES

	Humus } Boulders

SAMPLE DESCRIPTION K-25B

OXIDATION: ① 2 3 4 5  
COLOUR: Gray  
CONTENT:



FRAGMENTS:

Lithologies:  
1% mafic frag's.

Angularity: 1 ② 3 4 5  
Size: 3-5 mm.

ASSAY RESULTS:

	Ni	Cu
k-25B Sample 1:		
Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  No

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-26

PROPERTY: Kenogaming

COORDINATES: 5+00 N  
31+00 E

HOLE DEPTH: 4'  
SAMPLE INTERVAL: 3.7 to 3.25', 4.0 to 3.7' bedrock  
SAMPLE LENGTH: 0.45'

DATE: Nov 8/91

GRAPHIC SECTION

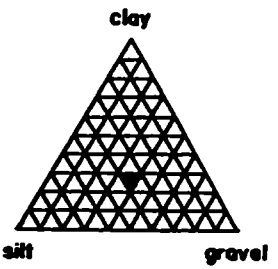
DESCRIPTIVE NOTES

Scale: 1" = 2'

	}	Humus	
	}	Boulders	

SAMPLE DESCRIPTION K-26

OXIDATION: (1) 2 3 4 5  
COLOUR: Lt brown.  
CONTENT:



FRAGMENTS:  
Lithologies:  
1% mafic frag's.  
1% granitic frag's.

Angularity: 1 (2) 3 4 5  
Size: Up to 2cm.

ASSAY RESULTS:

	Ni	Cu
K-26 Sample 1:		
Sample 2:		

BEDROCK SAMPLE RETRIEVED  
(Yes) No

BEDROCK DESCRIPTION:  
Granitic; probably a boulder.

ADDITIONAL NOTES:  
Outcrop nearby. Probably stopp  
in a boulder.

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-27

PROPERTY: kenogaming

COORDINATES: 7+50 N  
33+00 E

HOLE DEPTH: 5'  
SAMPLE INTERVAL: 4.8' to 4.25', 5.0' to 4.8' bedrock  
SAMPLE LENGTH: 0.55'

DATE: Nov 8/91

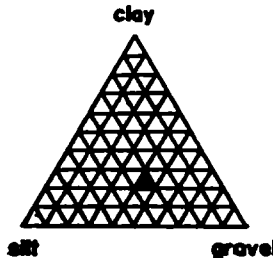
GRAPHIC SECTION  
Scale: 1" = 4'

DESCRIPTIVE  
NOTES

	Humus		
	Easy drilling		

SAMPLE DESCRIPTION K-27

OXIDATION: 1 2 3 4 5  
COLOUR: Brown  
CONTENT:



FRAGMENTS:

Lithologies:  
1-2% granitic frag's.

Angularity: 1 ② 3 4 5  
Size: Up to 2cm.

ASSAY RESULTS:

Ni    Cu

K-27 Sample 1:  
Sample 2:

BEDROCK SAMPLE RETRIEVED  
 Yes     No

BEDROCK DESCRIPTION:  
Ultramafic - peridotite?

ADDITIONAL NOTES:

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-28

PROPERTY: KENZGAMING

COORDINATES: 7+00 N  
35+00 E

HOLE DEPTH: 6'  
SAMPLE INTERVAL: 6.0' to 5.25'  
SAMPLE LENGTH: 0.75'

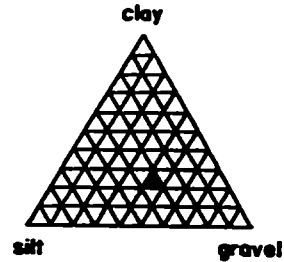
DATE: Nov 8/91

GRAPHIC SECTION  
Scale: 1"=4'

DESCRIPTIVE NOTES

SAMPLE DESCRIPTION K-28


OXIDATION: ① 2 3 4 5  
COLOUR: Grey  
CONTENT:



FRAGMENTS:

Lithologies:  
1% ultramafic frag's.  
<1% mafic frag's.

Angularity: 1 ② 3 4 5  
Size: up to 1cm

ASSAY RESULTS:

Ni    Cu

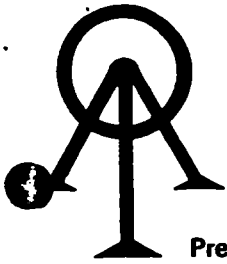
K-28 Sample 1:  
Sample 2:

BEDROCK SAMPLE RETRIEVED  
Yes  No

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:

EQUIPMENT LOSS:



**ACCURASSAY LABORATORIES**  
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO  
BOX 426  
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1  
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44336

# Certificate of Analysis

Page: 1

Mr. Peter Tyler  
Timmins Nickel Inc.  
205-155 University Ave.  
Toronto, Ontario  
M5H 3B7

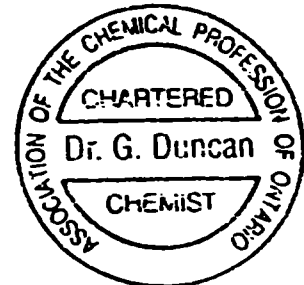
November 7

91

Work Order # : 911334  
Project :

SAMPLE NUMBERS		Nickel
Accurassay	Customer	ppm
252119	K-1A	60
252120	K-1B-1	120
252121	K-1B-2	240
252122	K-2A-1	62
252123	K-2A-2	30
252124	K-2B	48
252125	K-3	210
252126	K-4	510
252127	K-5	1400
252128	K-6	42
252129	K-7	35
252130	K-8	72
252131	K-9	53
252132	K-10	32
252133	K-11	180

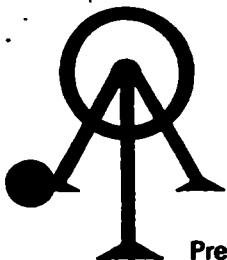
\* AQUA REGIA - DIGEST



Per: \_\_\_\_\_

*G. Duncan*





# ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO

BOX 426

KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44387

## Certificate of Analysis

Page: 1

Mr. Peter Tyler  
Timmins Nickel Inc.  
205-155 University Ave.  
Toronto, Ontario  
M5H 3B7

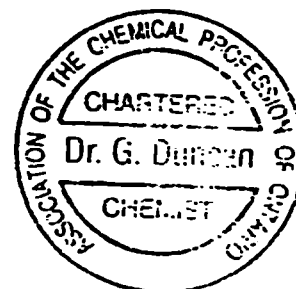
November 12

91

Work Order # : 911334A  
Project :

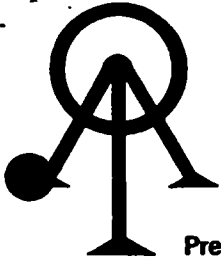
SAMPLE NUMBERS		Nickel
Accurassay	Customer	ppm
252119	K-1A	24
252120	K-1B-1	33
252121	K-1B-2	57
252122	K-2A-1	18
252123	K-2A-2	15
252124	K-2B	29
252125	K-3	35
252126	K-4	94
252127	K-5	550
252128	K-6	13
252129	K-7	11
252130	K-8	17
252131	K-9	18
252132	K-10	14
252133	K-11	130

\*HF - Digest



Per: \_\_\_\_\_

*G. Duncan*



# ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO  
BOX 426  
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1  
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44384

## Certificate of Analysis

Page: 1

Timmins Nickel Inc.  
Box 1979  
South Porcupine, Ontario  
PON 1H0

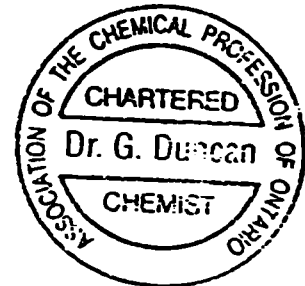
November 12

91

Work Order # : 911344  
Project :

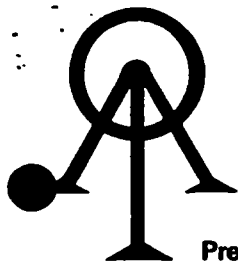
SAMPLE NUMBERS		Nickel
Accurassay	Customer	ppm
252205	K-12	220
252206	K-13	19
252207	K-14A	34
252208	K-14B	50
252209	K-15	23
252210	K-16	73
252211	K-17	22
252212	K-18A	110
252213	K-18B	27
252214	K-19	29
252215	K-20	29
252216	K-21	63
252217	K-22	81
252218	K-24	91

\* Aqua Regia - Digest



Per: \_\_\_\_\_

*G. Duncan*



**ACCURASSAY LABORATORIES**  
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO  
BOX 426  
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1  
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44418

# Certificate of Analysis

Page: 1

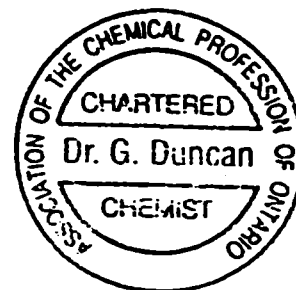
Timmins Nickel Inc.  
Box 1979  
South Porcupine, Ontario  
PON 1H0

November 14 91

Work Order # : 911344A  
Project :

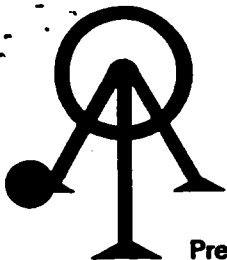
SAMPLE NUMBERS		Nickel
Accurassay	Customer	ppm
252205	K-12	29
252206	K-13	20
252207	K-14A	30
252208	K-14B	25
252209	K-15	20
252210	K-16	46
252211	K-17	26
252212	K-18A	81
252213	K-18B	24
252214	K-19	30
252215	K-20	29
252216	K-21	37
252217	K-22	61
252218	K-24	73

\* HF - Digest



Per: \_\_\_\_\_

*G. Duncan*



# ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO

BOX 426

KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44386

## Certificate of Analysis

Page: 1

Mr. Peter Tyler  
Timmins Nickel Inc.  
205-155 University Ave.  
Toronto, Ontario  
M5H 3B7

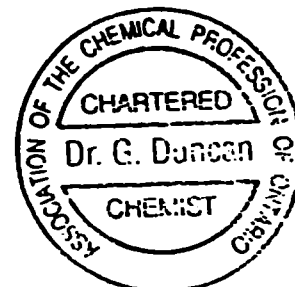
November 12

91

Work Order # : 911352  
Project :

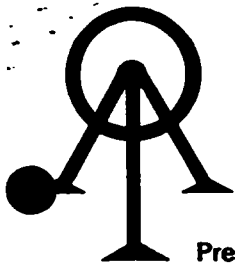
SAMPLE NUMBERS		Nickel
Accurassay	Customer	ppm
252312	K-25A	70
252313	K-25B	48
252314	K-26	190
252315	K-27	72
252316	K-28	83
252317	K-29	570
252318	BEDROCK K-29	2300

\* Aqua Regia - Digest



Per: \_\_\_\_\_

*G. Duncan*



# ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO

BOX 426

KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44419

## Certificate of Analysis

Page: 1

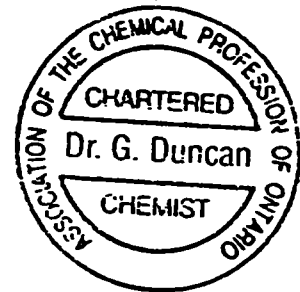
Mr. Peter Tyler  
Timmins Nickel Inc.  
205-155 University Ave.  
Toronto, Ontario  
M5H 3B7

November 14

91

Work Order # : 911352A  
Project :

SAMPLE NUMBERS		Nickel	
Accurassay	Customer	ppm	* HF - Digest
252312	K-25A	32	
252313	K-25B	30	
252314	K-26	330	
252315	K-27	49	
252316	K-28	31	
252317	K-29	31	
252318	BEDROCK K-29	60	



Per: \_\_\_\_\_

*G. Duncan*

**SCHEDULE "A"**

P1154529  
P1154527  
P1154528  
P1154530  
P1154531  
P1154532  
P1154533  
P1154534  
P1154535  
P1156068  
P1156069  
P1156070  
P1156071  
P1156072  
P1156073  
P1156074  
P1156075  
P1156076  
P1156077

ÖVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-1A

PROPERTY: Kenogaming

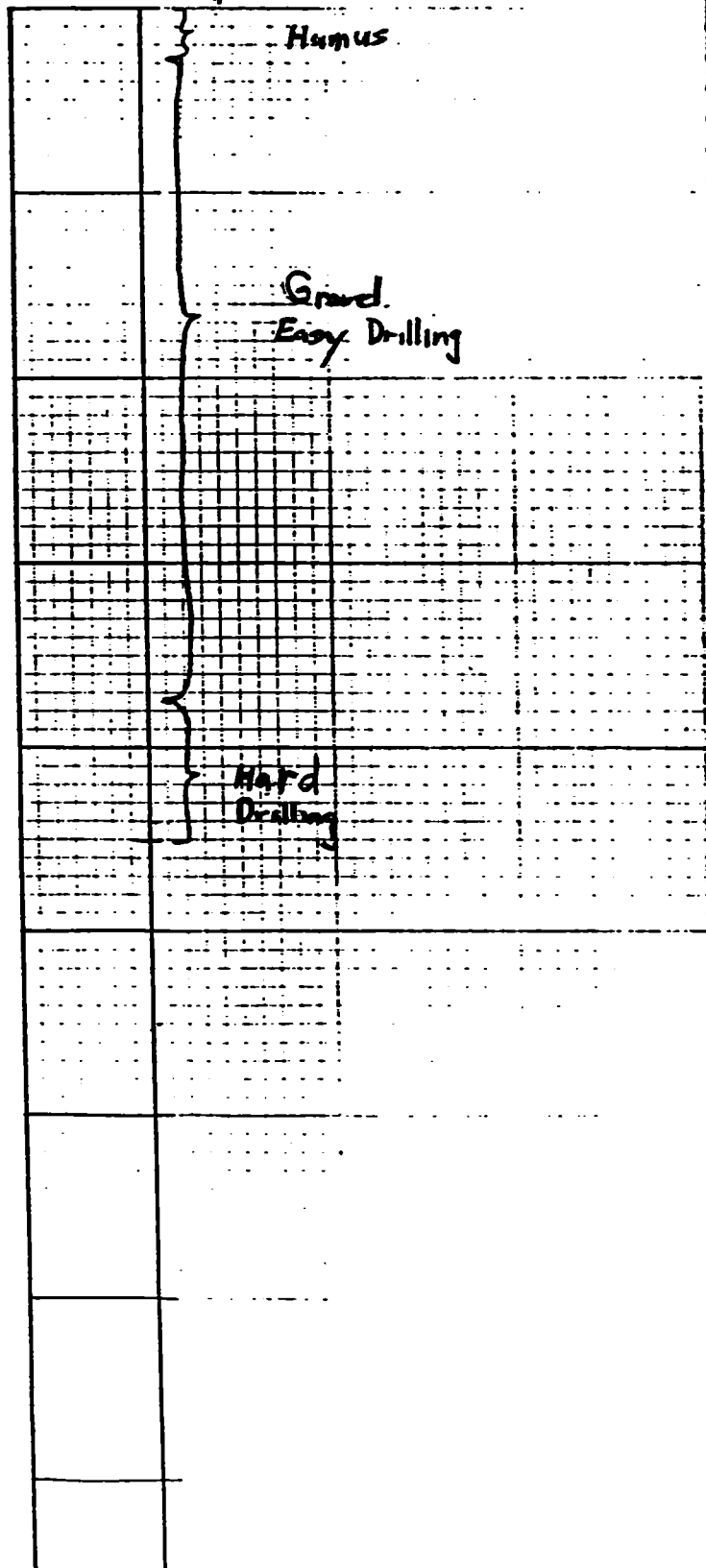
COORDINATES: 100 5  
28+00 E

HOLE DEPTH: 18'  
SAMPLE INTERVAL: 17.25' to 18.00'  
SAMPLE LENGTH: 0.75'

DATE: November 2/91

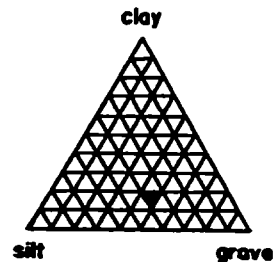
GRAPHIC SECTION  
Scale: 1" = 4'

DESCRIPTIVE  
NOTES



SAMPLE DESCRIPTION K-1A

OXIDATION: ① 2 3 4 5  
COLOUR: GREY  
CONTENT:



FRAGMENTS: 70% sand  
30% Gravel

Lithologies:  
Heterolithic  
Possible ultramafic

Angularity: 1 2 ③ 4 5  
Size:

ASSAY RESULTS:

	Ni	Cu
K-1A Sample 1:		
Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  NO

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:

Hole stopped due to sanding in.  
Unable to proceed deeper.  
Likely outwash gravel; not basal till.

EQUIPMENT LOSS:

OVERBURDEN DRILL HOLE LOG

DRILL HOLE #: K-1B

PROPERTY: Kenogaming

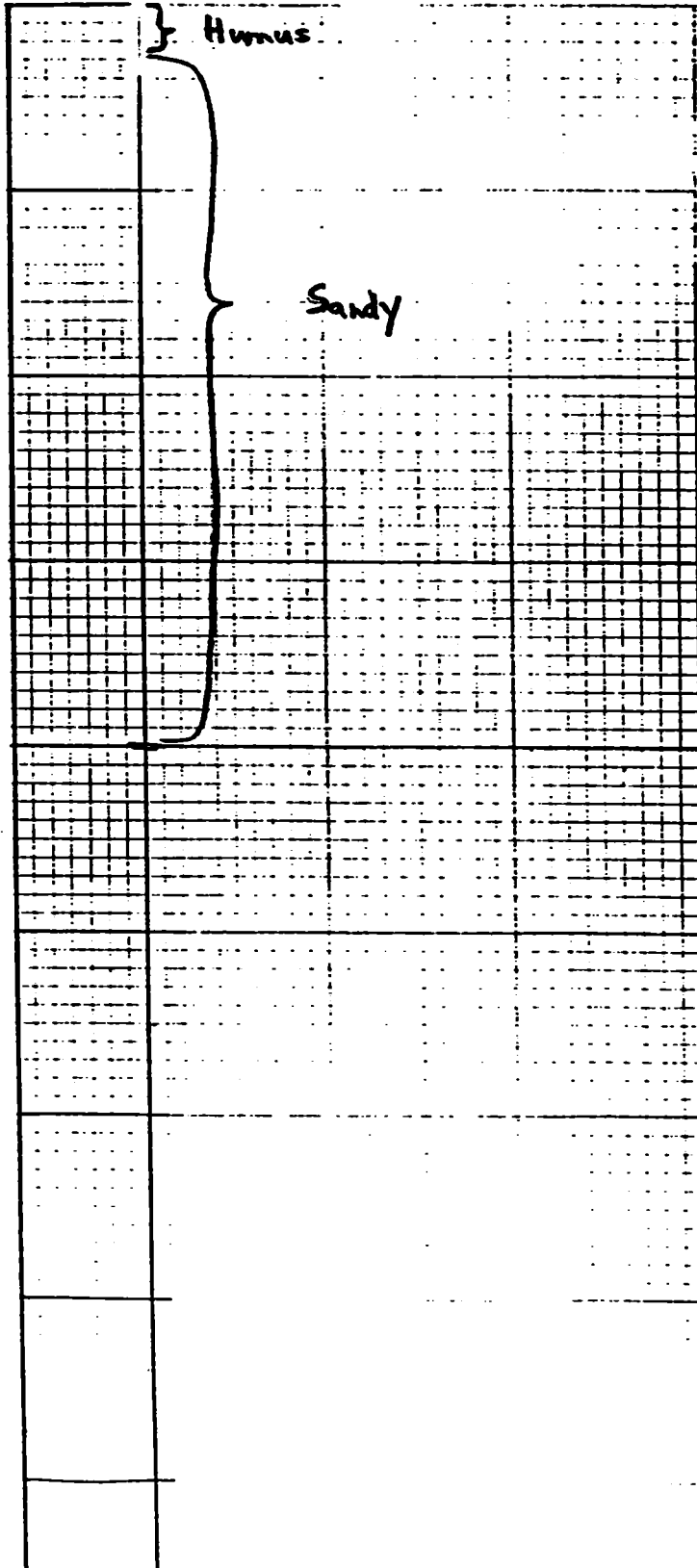
COORDINATES: 100#5  
28100 E

HOLE DEPTH: 16 ft. K-1B-1, K-1B-2  
SAMPLE INTERVAL: 15.25 to 15.8', 15.8' to 16.0'  
SAMPLE LENGTH: 0.2', 0.55'

DATE: Nov 2/91

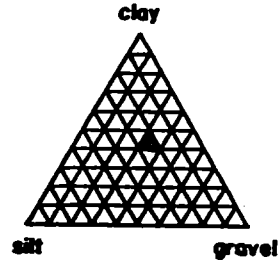
GRAPHIC SECTION  
Scale: 1" = 4'

DESCRIPTIVE  
NOTES



SAMPLE DESCRIPTION : K-1B-2

OXIDATION: ① 2 3 4 5  
COLOUR: Green  
CONTENT:



K-1B-1 NOT DESCRIBED HERE IT IS THE SAME AS K-1A.

FRAGMENTS:

Lithologies:  
Few, mainly mafic to ultramafic.

Angularity: 1 2 ③ 4 5  
Size: up to 2cm.

ASSAY RESULTS:

	Ni	Cu
K-1B-1 Sample 1:		
K-1B-2 Sample 2:		

BEDROCK SAMPLE RETRIEVED  
Yes  NO

BEDROCK DESCRIPTION:

ADDITIONAL NOTES:

1 large rotted fragment of ultramafic  
2% fine disseminated pyrite.

2 samples taken K-1B-1 UPPER GRAVEL  
SAME AS K-1A ; K-1B-2 BASAL TILL? DE:  
EQUIPMENT LOSS: ABOVE.





# Report of Work Conducted After Recording Claim

Mr.

Transaction Number  
W9560.00280

Personal information collected on this form is obtained under the authority of the Access to Information Act. This collection should be directed to the Provincial Manager, Mining, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.



42A04NW0047 2.16192 KENOGAMING

- Instructions:
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of mining assessment.
  - 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.

900

Recorded Holder(s) <u>DENIS MORIN</u>	Client No. <u>172503</u>
Address <u>P.O. Box 103 - FOLEYET, ONT. P0M 1T0</u>	Telephone No. <u>705-899-2077</u>
Mining Division <u>PORCUPINE</u>	Township/Area <u>KENOGAMING</u>
Dates Work Performed From: <u>NOVEMBER 1, 1991</u>	To: <u>NOVEMBER 8, 1991</u>
M or G Plan No. <u>G-3239</u>	

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	<u>PERCUSSION OVERBURDEN DRILLING USING WHISTLE SAMPLER</u>
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 1,300.00

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
<u>1 DAVID PENNA - TIMMINS NICKEL</u>	<u>Box 1979 South Porcupine Ontario P0N 1H0</u>

RECORDED  
JUN 5 1995  
Receipt

(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 <u>June 5/95</u>	Recorded Holder or Agent (Signature) <u>Denis Morin</u>
--------------------------	--

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 <u>IAN TRINDER TIMMINS NICKEL INC.</u>	Date <u>MARCH 23 1992</u>	Certified By (Signature) <u>Ian Trinder</u>
<u>205-155 UNIVERSITY AVE TORONTO ONTARIO M5H 3B7</u>		
Telephone No. <u>(416) 367-9545</u>		

Office Use Only

Total Value Cr. Recorded <u>1,300.</u>	Date Recorded	Mining Recorder <u>Sandy White</u>	RECEIVED (c) JUN 5 1995 TR 3:15 PORCUPINE MINING DIVISION
Deemed Approval Date <u>SEPT. 3/95</u>	Date Approved <u>Sept 8/95</u>		
Date Notice for Amendments Sent			

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1154534	1
	1154535	1
	1156068	1
	1156069	1
	1154533	1
	1154527	1

Value of Assessment Work Done on this Claim	Value Applied to this Claim
314 <del>622</del>	280
89 <del>124</del>	89
493 <del>204</del>	203
314 <del>622</del>	280
90 <del>124</del>	90
	358

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
34	
290	
34	

In this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from  
 prioritize the deletion of credits. Please mark (✓) one of the following:  
 cut back starting with the claim listed last, working backwards.  
 cut back equally over all claims contained in this report of work.  
 cut back as prioritized on the attached appendix.  
 not specified your choice of priority, option one will be implemented.

Beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect  
 s.

If performed on patented or leased land, please complete the following:  
 had a beneficial interest in the patented  
 work was performed.

Signature



Ministry of  
Northern Development  
and Mines

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

WAS 60.00 280

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 question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> 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	2595	
	Field Supervision Supervision sur le terrain		2595
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type		
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
<b>Total Direct Costs Total des coûts directs</b>		<b>2595</b>	

### 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	MOB/DEMOB SKIDDER & DRILL	456	456
<b>Sub Total of Indirect Costs Total partiel des coûts indirects</b>			<b>456</b>
<b>Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)</b>			<b>456</b>
<b>Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)</b>			<b>2601</b>
		<b>Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)</b>	

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
\$ 2,601.00	x 0.50 =	\$ 1,300.00

### 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 PROJECT GEOLOGIST 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 Jan Smith Date MARCH 23, 1992  
TIMMINS NICKEL INC.

**Report of Work Conducted After Recording Claim**  
**Mining Act**

Transaction Number  
**W9560.00279**

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:**
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining 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) <b>DENIS MORIN</b>	Client No. <b>172503</b>
Address <b>P.O. Box 103 - FOLEYET, ONT. P0M 1T0</b>	Telephone No. <b>705-899-2077</b>
Mining Division <b>PORCUPINE</b>	Township/Area <b>KENOGAMING</b>
	M or G Plan No. <b>G-3239</b>
Dates Work Performed From: <b>NOVEMBER 7, 1991</b> To: <b>NOVEMBER 14, 1991</b>	

**Work Performed (Check One Work Group Only)**

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	<b>SEQUENTIAL Ni EXTRACTIONS USING AQUA REGIA &amp; HF DIGESTION</b>
Assignment from Reserve	

**RECEIVED**  
 SEP 14 1995  
 MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 155.00

**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
<b>DAVID PENNA - TIMMINS NICKEL INC.</b>	<b>Box 1779 SOUTH PORCUPINE ONT. P0N 1H0</b>
<b>AGGARASSAY LABS</b>	<b>Box 426 KIRKLAND LAKE ONT. P2N 3J1</b>

(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 <b>June 5/95</b>	Recorded Holder or Agent (Signature) <b>Denis Morin</b>
--	--------------------------	--

**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 <b>IAN TRINDER - TIMMINS NICKEL INC.</b> <b>205-155 UNIVERSITY AVE. TORONTO ONTARIO M5H 3B7</b>		
Telephone No. <b>416 367 9545</b>	Date <b>MARCH 23, 1992</b>	Certified By (Signature) <b>Ian Trinder</b>

**For Office Use Only**

Total Value Cr. Recorded <b>155.</b>	Date Recorded	Mining Recorder
	Deemed Approval Date <b>SEPT. 3/95</b>	Date Approved
	Date Notice for Amendments Sent	

**RECEIVED**  
 JUN 5 1995  
 (c)  
**IB** 3:15  
 PORCUPINE MINING DIVISION

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1154534	1
	1154535	1
	1156068	1
	1156069	1
	1154533	1
	1154527	1
Total Number of Claims		

Value of Assessment Work Done on the Claim	Value Applied to this Claim
38 <del>75</del>	2
10 <del>25</del>	10
59 <del>48</del>	
37 <del>25</del>	
11 <del>25</del> <i>11</i>	
Total Value Work Done on Claims	
Total Value Applied to Claims	

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
38	
59	
37	
Total Assigned from Claims	
Total Reserve	

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:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized 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
---	-----------	------

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  
W9560.00279

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 question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> 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		
Supplies Used Fournitures utilisées	Type		
	ASSAYS	310 <sup>00</sup>	
			310
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			310

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

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- 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
\$ 310.00	x 0.50 =	\$ 155.00

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- 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		Evaluation 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 in the accompanying Report of Work form.

I, as PROJECT GEOLOGIST I am authorized (Recorded Holder, Agent, Position in Company)

I 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 James Nickel Date MARCH 23, 1992  
TIMMONS NICKEL INC.

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

Geoscience Approvals Office  
933 Ramsey Lake Rd., 6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (705) 670-5853  
Fax: (705) 670-5863

September 20, 1995

Our File: 2.16192  
Transaction #: W9560.00279

Mining Recorder  
Ministry of Northern Development & Mines  
60 Wilson Avenue, 1st Floor  
Timmins, Ontario  
P4N 2S7

Dear Mr. White:

**RE: APPROVAL OF ASSAY ASSESSMENT WORK SUBMITTED ON MINING  
CLAIMS 1154534 et al. IN KENOGAMING TOWNSHIP**

An administrative error resulted in this work report not being assessed prior to the 90 day deemed approval date. Accordingly, as outlined in subsection 6(5) of the Mining Act Regulations, this Report of Work is deemed approved as of September 03, 1995.

If you have any questions regarding this correspondence please contact Steven Beneteau at (705) 670-5855.

Yours sincerely



Ron C. Gashinski  
Senior Manager, Mining Lands Section  
Mining and Land Management Branch  
Mines and Minerals Division

*SBB* SBB/sb

cc: Resident Geologist  
Timmins, Ontario

Assessment Files Office  
Sudbury, Ontario



**REFERENCE**

**AREAS WITHDRAWN FROM DISPOSITION**

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

Disposition	Order No.	Date	Disposition	File

PROPOSED COTTAGING AREAS NOTICE RECEIVED DECEMBER 22, 1988

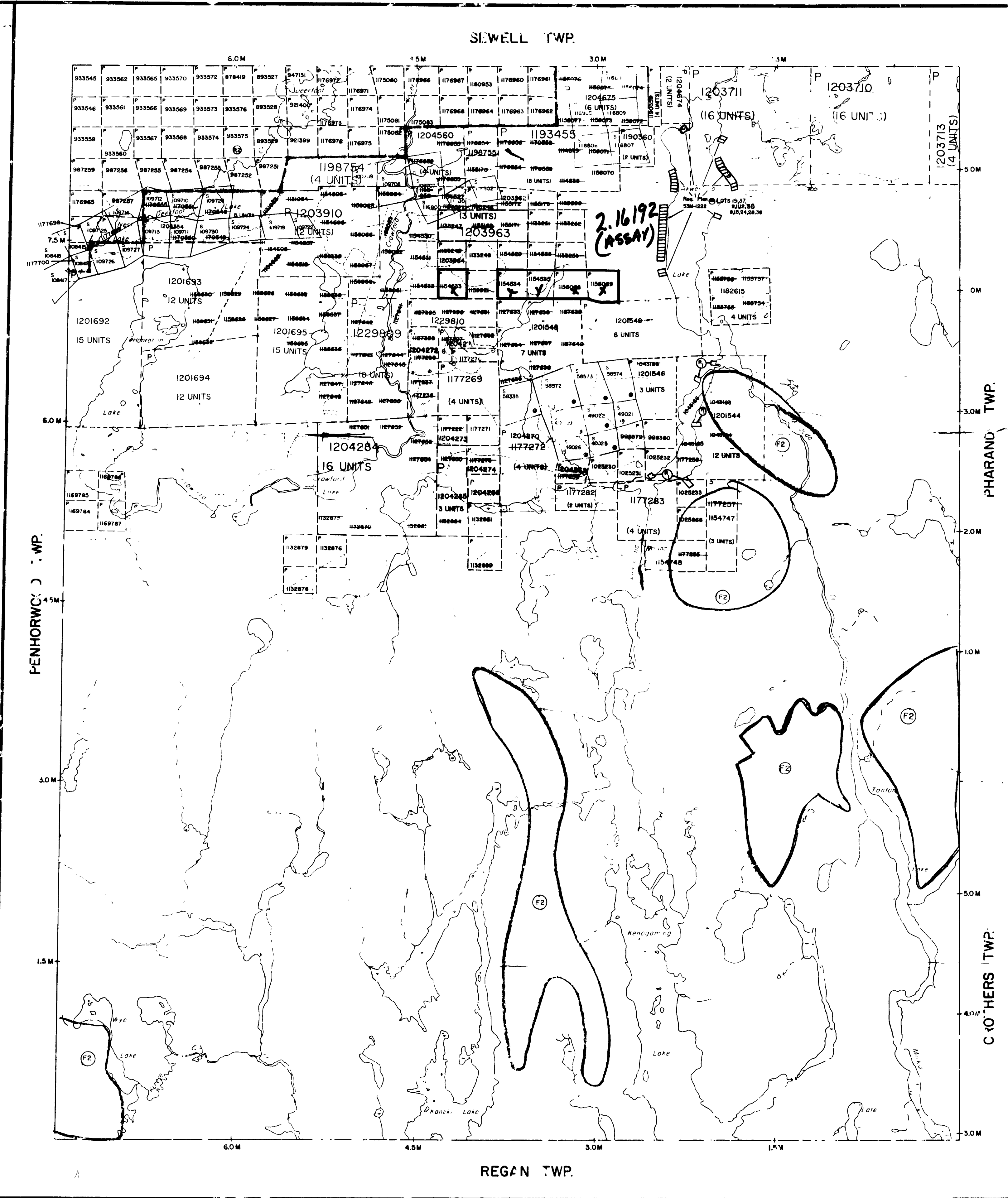
THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1992-1993. FURTHER INFORMATION AVAILABLE ON FILE.

THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1992-1993. FURTHER INFORMATION AVAILABLE ON FILE.

FILED ONLY REC.D DEC.12/94.

SURFACE AND MINING RIGHTS WITH 4000 FT. IN PROSPECTIVE, STANDING OUTSALE OR LEASE, UNDER SECTION 38 OF THE MINING ACT R.S.O. 1990 DATED 30-MAY-29 (JURCH NO. W.P. 7/795) HER.

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 CROWN E.N.G.  
 OTHER ROADS  
 TRAILS  
 SURVEYED LINES  
 TOWNSHIPS, BASE LINES, ETC.  
 LOTS, MINING CLAIMS, PARCELS, ETC.  
 UNITS  
 LOT LINES  
 PARCEL BOUNDARY  
 MINING CLAIMS ETC.  
 RAILWAY AND RIGHT OF WAY  
 UTILITY LINES  
 NON PERENNIAL STREAM  
 FLOODING OR FLOODING RISKS  
 SUBDIVISION OR COMPOSITE PLANS  
 RESERVATIONS  
 ORIGINAL SHORLINE  
 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	OC
ORDER IN COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 4 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S. 1970 CHAP. 200, SEC. 63 (1) SUBSEC. 1

SCALE 1 INCH = 40 CHAINS

FEET  
 0 100 200 400 600 800

METRES  
 0 100 200 400 600 800

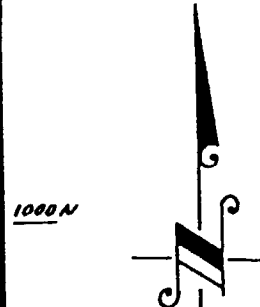
TOWNSHIP: **KENOGAMING**

M.N.R. ADMINISTRATIVE DISTRICT  
**TIMMINS**  
 MINING DIVISION  
**POPCUPINE**  
 LAND TITLES / REGISTR. DIVISION  
**SUDBURY**

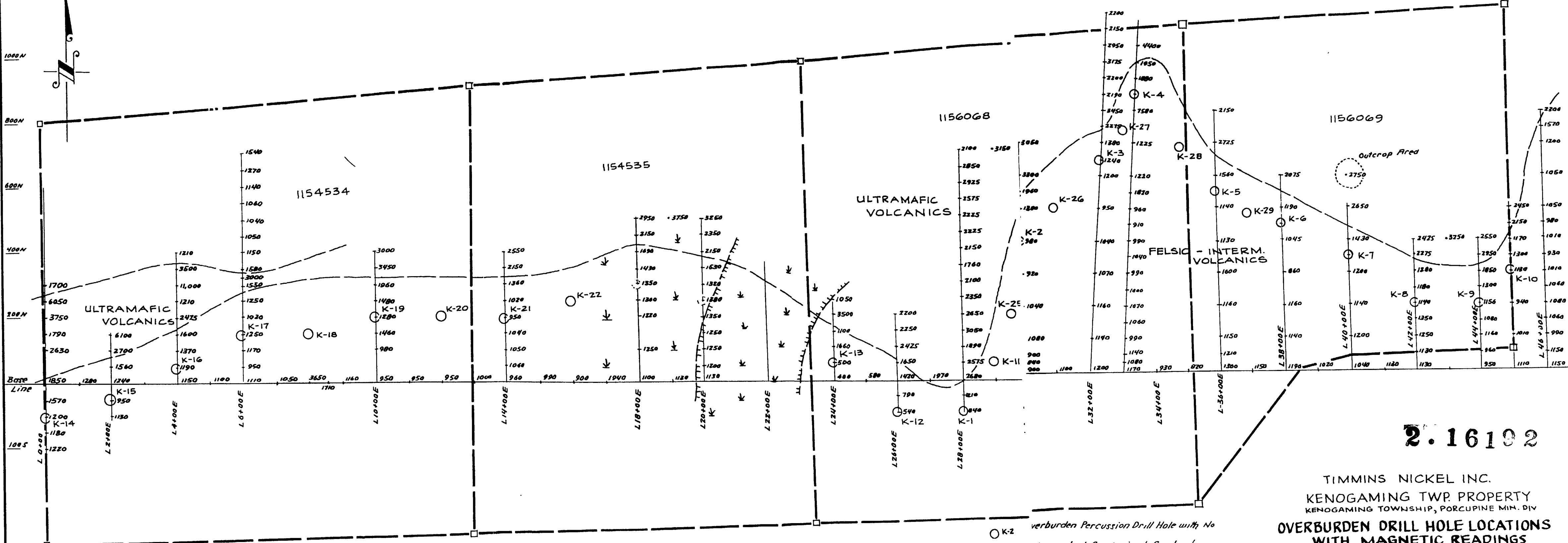
Ministry of Natural Resources  
 Land Management Branch  
 Ontario

Date: APRIL 1 85  
 Number: **G-3239**  
 ACTUATED JULY 29, 1992 BY D.C.  
 CHECKED BY S.W.





1000 N  
800 N  
600 N  
400 N  
200 N  
Base  
100 S



2.16192

TIMMINS NICKEL INC.  
KENOGAMING TWP. PROPERTY  
KENOGAMING TOWNSHIP, PORCUPINE MIN. DIV  
**OVERBURDEN DRILL HOLE LOCATIONS  
WITH MAGNETIC READINGS**



By: I D Trinder Date: March '92

- K-2 Overburden Percussion Drill Hole with No Interpreted Geological Contact
- damp
- ↓ Magnetic Values in gammas

