010

DIAMOND DRILLING

AREA: 526--834

REPORT NO: 10

WORK PERFORMED FOR: J.A. FOWLER

RECORDED HOLDER: SAME AS ABOVE [X]

: OTHER [ ]

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
P1052283	A1-1-88	667FT	MAR,88	1
P1052280	A1-2-89	122M(400)FT	FEB,89	1
P1052276	A1-3-89	122M(400)FT	FEB,89	1

NOTE: (1) #W9006-60263, filed June, 1990

REQUIRED INFORMATION

GRID: A1

CONTRACTOR: Kluane Drilling Ltd.
14 Macdonald Road
Whitehorse, Yukon
Y1A 4L2

c/o Danny McKenna

EQUIPMENT: Longyear Model Super 38 Diamond Drill, BQ Core.

HOLE	DEPTH	DATE
A1-1-88	667 Ft.	28/03/88 to 31/03/88

CONTRACTOR: Longyear Canada Inc
1111 Main Street West
P.O. Box 330
North Bay, Ontario
P1B 8H6

c/o John O. Wolf, Assistant Manager

EQUIPMENT: Longyear Model Fly 38 Diamond Drill, NQ Core

HOLE	DEPTH	DATE
A1-2-89	122m(400 Ft)	24/02/89 to 25/02/89
A1-3-89	122m(400 Ft)	26/02/89 to 27/02/89

MONOPROS LIMITED
DRILL LOG

AREA: Attawapiskat | HOLE#: A1-1-88

NTS Sheet: 43B/12 | GRID: A1

CLAIM: P1052283 | COORDS: 0+50E 0+00

CONTRACTOR: Kluane Drilling | ANGLE: 90 ° BEARING: °

DRILL TYPE: Longyear Super 38 | CORE: BQ | DEPTH: 667 ft

LOGGED BY: BHSS/JMK | STARTED: 28/3/88

DATE: 1/5/88 | COMPLETED: 31/3/88

DEPTH (ft)	DESCRIPTION
0-18	CASING
18 - 105	**HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE** Overall pale green carbonatised macrocrystic kimberlite. Olivines are abundant and are fresh with slight alteration. Some xenoliths are present, most are limestone. Abundant ilmenite megacryst and chrome diopside megacryst (up to 3 cm). Indicators in order of abundance: ilmenite, chrome diopside and garnet. Some nodules are present, however usually small or altered. Xenoliths are altered with halo. Autolith and globular segregation very rare. Patches of calcite segregation are present not intense. 31½' - 32' - A 6 inch band of coarse 0.2 cm olivines, ilmenite, chrome diopside, garnet and limestone grains - looks like a cummulate, matrix consists of carbonate. 78' - Same kimberlite appearance of carbonate stringers throughout core until end of hole.
105-256½	Blue green macrocrystic kimberlite becomes fresher - limestone xenoliths decrease. In some areas the kimberlite has been altered to rust brown colour. Xenolith are more altered - 106', 131' phlogopite is present but as small flakes. Calcite segregation in the groundmass kimberlite.
256½-342	Rust brown alteration of kimberlite. Calcite segregation more intense. 302' - Same kimberlite altered to orange grey 309' - 312' - Large limestone Xenolith 319' - 342' - Fresh blue green kimberlite

DRILL LOG

AR[redacted] Attawapiskat | GRID: A1 | HOLE# A1-1-88

DEPTH (ft)	DESCRIPTION
342-349	Kimberlite altered to orange grey - calcite segregation of the groundmass is more intense in the altered zones 347'- 349'. Fresher blue green kimberlite - same
349-597	Increase in xenoliths with chrome diopside - chrome diopside megacryst become more abundant, larger and more altered - they usually have a calcite rim - calcite segregation in groundmass 349½' - Large 7 cm chrome diopside megacryst 385' - 6" of altered kimberlite - rust brown 389½' - 6" limestone xenolith 436½' - Large nodule Ol/opx 4 cm - olivine rich xenoliths - peridotitic becomes large and less altered. 474' - 481' - Carbonate veining is more abundant. Same macrocrystic kimberlite. 532' - 546' - More intense carbonate veining. 575' - 585' - More intense carbonate veining and rust brown alteration of kimberlite.
597-667	Macrocrystic kimberlite with increased limestone xenoliths. 637½' - Garnet megacryst 2 cm
667	End of hole.

Richard Farquharson

MONOPROS LIMITED
DRILL LOG

AREA: Attawapiskat | HOLE#: A1-2-89

NTS Sheet: 43B/12 | GRID: A1

CLAIM: P1052280 | COORDS: 0+00 3+75N

CONTRACTOR: Longyear Drilling | ANGLE: 90 ° BEARING: 0 °

DRILL TYPE: Longyear Fly 38 | CORE: NQ DEPTH: 122m

LOGGED BY: RF-C/PKH/JK | STARTED: 24/2/89

DATE: 4/3/89 | COMPLETED: 25/2/89

DEPTH (m)	DESCRIPTION
0 - 11.8	**Overburden** - limestone pebbles
	0 - 12.1 - Casing
11.8 - 64	**HYPABYSSAL MACROCRYSTIC KIMBERLITE** - light brownish gray kimberlite - limestone xenoliths are common and up to 5 cm - fresh olivine macrocrysts and phenocrysts - abundant ilmenite from 2mm to 1cm - common to abundant chrome diopside 2mm to 4cm - trace of garnet 1-3mm - common calcite veins that cause chloritization? of olivine and alteration of brown phlogopite to green mica - some fractures infilled with magnetite or dark green serpentine? - a few peridotite nodules - abundant mica (phlogopite?) - some globular segregation present
	14.4 - Altered xenoliths 2x3cm
	14.5 - Altered olivine nodule - dunite 2x3cm
	15 - Cpx and olivine - wehrlite? 1x4cm
	16.6 - Olivine nodule - dunite? 2x3cm
	18.5 - Garnet phenocryst 0.5x0.5cm
	18.9 - Garnet phenocryst 0.5x0.5cm

DRILL LOG

AREA: Attawapiskat | GRID: A1 | HOLE# A1-2-89

DEPTH (m)	DESCRIPTION

19.6 - Altered basement xenolith 2x4cm

21 - Granitic basement xenolith 3x3cm

22.9 - 23 - Greenish altered limestone

23.9 - 24 - Limestone

24.7 - Orthopyroxene megacryst 1x1cm

25.1 - 25.7 - Friable core

28.2 - Large xenolith - basement 6cm

30.5 - CD and Olivine nodule 1x1cm

31.6 - Cpx - olivine nodule 1x1cm

33.1 - 38 - Intense calcite veining and alteration causing friable broken core

37 - Ilmenite megacryst 1x1cm

41.3 - Altered olivine, green banding - serpentine 1x2 cm

41.4 - Basement xenolith - CD megacryst 2x4cm

43.8- Cpx megacryst 3x4cm

44.2 - Ilmenite megacryst 1x1cm

45.8 - Basement zenolith 3x4cm

46.6 - Ilmenite megacryst 2x2cm

47.2 - 47.6 - Calcite veining - kimberlite breccia

48.1 - 48.3 - Dark green serpentine? in fracture

48.5 - Magnetite infilling a fracture

49.8 - Sulphides infilling a fracture and ferruginous red altered olivine

51.2 - Xenolith - basement 2x5cm

DRILL LOG

AR[redacted] Attawapiskat | GRID: A1 | HOLE# A1-2-89

DEPTH (m)	DESCRIPTION
	51.8 - Phlogopite megacryst 3x5cm
	52.5 - Cpx megacryst 2x2cm
	52.8 - Autolith 2x5cm
	53.5 and 53.6 - Peridotite nodules 2x3cm
	55.5 - Cpx and olivine - wehrlite 3x3cm
	57 - Cpx rich nodule - wehrlite 3x3cm
	58.2 - 58.3 - Limestone
	60.5 - 60.8 - Ferruginous red alteration of olivine
	61 - 62 - Intense calcite veining - breccia
64 - 71	ALTERED KIMBERLITE light gray - transition zone between kimberlite and limestone - matrix altered to clay - olivine altered
	64.4 - Garnet phenocryst 0.5x0.5cm
	64.9 - Pyrite 2mmx2mm - dark green alteration around some zenolith
	69.3 - 73.4 - Limestone pebbles with pyrite, 7% core recovery
71 - 77.8	LIMESTONE - pyrite in most of the fracture surfaces - pyrite sringers
	73.7 - Pyrite on fracture surface
	74.2 - 74.3 - Pyrite on fracture surface - pyrite stringers
	77 - 77.8 - 25% core recovery - broken core and carbonate mud
77.8 - 86.3	ALTERED KIMBERLITE light grey same as above with calcite veins limestone - transition zone between limestone and kimberlite

DEPTH (m)	DESCRIPTION
	- disseminated pyrite in fractures and contact between kimberlite and limestone xenoliths - pyrite stringers
	82 - Cpx megacryst 2x3cm
	84 - 84.2 - Pyrite in fractures of kimberlite - pyrite stringers
86.3 - 122	HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE - dark blue gray kimberlite - ilmenite, chrome diopside and garnet same as above - occasional patches of magnetite - a few mantle xenoliths - peridotite?
	86.8 - 87.5 - Calcite vein and breccia
	86.9 - Garnet megacryst 1x1cm
	87 - Basement xenolith crosscut by calcite veining 5x8cm
	87.5 - Cpx rich nodule 2x3cm
	87.6 - Basement xenolith 2x3cm
	90.4 - Garnet cpx nodule 0.5x0.5cm
	90.6 - Cpx megacryst 1x2cm
	90.7 - Basement xenolith 2x2cm
	91.6 - Basement xenolith 3x3cm
	92.2 - Basement xenolith 2x3cm
	93.2 - Cpx megacryst 2x3cm
	94.2 - 94.4 - Limestone
	96.8 - Biotite gneiss? nodule 3x7cm
	97 - 97.4 - Vein of calcite and light green slickensides? with dark green pyroxene? and magnetite

DRILL LOG

AR[redacted]: Attawapiskat | GRID: A1 | HOLE# A1-2-89

DEPTH (m)	DESCRIPTION
	97.7 - 97.9 - Limestone
	98.1 - Serpentinized olivine megacryst 1x2cm
	99.2 - Serpentinized olivine rich nodule and basement xenolith 3x3cm
	99.9 - Basement xenolith 3x3cm
	100.2 - Garnet and olivine nodule? 2x3cm
	102.2 - Altered cpx rich nodule 2x3cm
	103.5 - Light green limestone xenolith with magnetite 6x8cm
	105 - Olivines are being removed leaving vugs
	105.8 - Basement nodule 4x6cm
	107.3 - Altered phlogopite megacryst 1x2cm
	108.5 - Basement nodules 2x3cm
	114 - Patch of magnetite and pyrite 3x4cm
	114 - Basement nodule 2x4cm
	114.5 - Ferruginous red alteration
	119.2 - Garnet megacryst 0.5x0.5cm
	119.3 - Peridotite nodules 2x4cm
122	End of hole

Richard Foley - Geologist

MONOPROS LIMITED
DRILL LOG

AREA: Attawapiskat | HOLE#: A1-3-89

NTS Sheet: 43B/12 | GRID: A1

CLAIM: P1052276 | COORDS: 2+00E 6+50N

CONTRACTOR: Longyear Drilling | ANGLE: 90 ° BEARING: 0 °

DRILL TYPE: Longyear Fly 38 | CORE: NQ DEPTH: 122m

LOGGED BY: RF-C/PKH/JK/GH | STARTED: 26/2/89

DATE: 4/3/89 | COMPLETED: 27/2/89

DEPTH (m)	DESCRIPTION
0 - 8.9	**Overburden**
	0 - 12.1 - Casing
8.9 - 33.5	**HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE** - fresh unaltered macrocrystic olivine - subrounded limestone xenoliths with occasional zonation and alteration - abundant ilmenite 1mm to 1.5 cm - common garnet and chrome diopside 1mm to 2cm - trace to common orthopyroxene - abundant mica (phlogopite) up to 3cm - occasional peridotite nodules - no autoliths, a few globular segregation present - occasional calcite veins - calcite segregation present
	9.5 - Garnet megacryst 0.5 x 1.5cm2
	9.6 - Mica megacryst 1x1cm
	9.7 - Garnet, cpx nodule 1x1cm
	11.1 - Garnet megacryst 1x1.5cm
	12.5 - Basement xenolith , amphibole/mica 2x2 cm
	12.8 - Phlogopite nodule 0.5x2 cm

DEPTH (m)	DESCRIPTION
	17 - 23 - 66% core recovery
	22.2 - Fresh olivine megacryst 1x3cm
	24.5 - 26.5 - Kimberlite becomes more altered - friable - calcite segregation increases
	25.1 - Basement nodule 4cm
	25.5 - Dark green amphibole phenocryst 2x3cm
	27.7 - Dark green amphibole phenocryst 1x2cm
	29 - Dark green amphibole rich xenolith 2x3cm
	31.3 - Opx megacryst 3x2cm
	33.3 - Dark green orthopyroxene megacryst 1x2cm
33.5 - 44.5	**HYPABYSSAL SEGREGATIONARY MACROCRYSTIC KIMBERLITE**
	33.6 - Black fine grain xenolith 3x4cm
	34.6 34.7 - Basement xenolith
	35.8 - Peridotite nodule with 1 cm zonation and reaction rim 5x7cm
	39.5 - Basement xenolith 3x4cm
	41.5 - Dark green orthopyroxene megacryst 1x1cm
	41.6 and 41.7 - Basement xenolith 3x3cm
	42.5 - 122 - Light greenish gray solid kimberlite core
	44.5 - Calcite alteration
44.5 - 70.3	**HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE** - no globular segregation, no calcite segregation - fresh olivines
	46.1 - Phlogopite megacryst 3x5cm
	48.9 - Very fresh olivine rich nodule 2x2cm

DEPTH (m)	DESCRIPTION
	50 - olivine, cpx, opx, ilmenite nodule 5x5cm
	54.8 - Cpx-garnet nodule 2x2cm
	55.9 - Light green core of limestone xenolith with calcite reaction rim 2x4cm
	57.3 - Garnet cpx nodule 2x3cm olivine, opx nodule 3x4cm
	58.2 - Mica xenocryst 1x2cm
	61.6 - Garnet, cpx, olivine opx nodule 3x4cm
	62.8 - Garnet megacryst 1cm
	63.2 - ol/opx/gt nodule 2x4cm
	63.6 - cpx megacryst 1x1cm
	64.8 - Garnet cpx nodule 1x1cm
	67.3 - 67.8 - One cm wide calcite vein running length of core
	67.5 - Phlogopite megacryst 2x3cm
	69.3 - cpx megacryst 1x1.5cm
70.3 - 76.4	**SEGREGATIONARY MACROCRYSTIC KIMBERLITE** - abundant calcite segregation
	70.4 - Phlogopite megacryst 2x4cm
	70.5 - 70.8 - Limestone
	70.8 - 71.1 - Fine grain buff green kimberlite - possible dyke or alteration zone
	71.6 - Olivine rich nodule 3x4cm
	71.8 - Fresh olivine nodule 2x3 cm
	73.3 - Autolith - also black soft carbon? phenocrysts 2x4cm
	74.9 - Black soft carbon? phenocryst 0.5x1cm
	75.2 - cpx megacryst 1x2cm

DEPTH (m)	DESCRIPTION
76.4 - 76.8	**Kimberlite breccia** - calcite veining and vug present - very coarse grained. Contact between segregationary kimberlite and macrocrystic kimberlite
76.8 - 122	**HYPABYSSAL MACROCRYSTIC KIMBERLITE**

76.5 - Fresh olivine rich nodule 2x4cm

76.8 - large ol/cd/opx nodule 8cm

77.9 - Garnet megacryst 2x4cm
- below the breccia at 76.8 there is abundant garnet and cpx to the bottom of the hole - many macrocrysts of garnet and cpx

78.8 - Garnet macrocryst 2x2cm

81.7 - Basement nodule 3x3 cm

82.2 - ol, opx, cpx nodule 2x3cm

83.15 - Garnet, cpx, olivine nodule and pyrite in carbonate vein 4x6cm

84 - Garnet megacryst 2x3cm

84.1 - cpx rich nodule 3x5cm

84.4 - Basement xenolith 5x6cm

84.6 - cpx rich nodule 2x4cm

85.1 - Garnet, cpx nodule, eclogite? 3x5cm

86.1 - Very fresh cpx 2x2cm

86.4 - Fresh cpx rich nodule 1x2cm

87.6 - 88.3 - Large calcite vein running length of core

89 - Same kimberlite but decrease in gt, cd macrocrysts & nodules

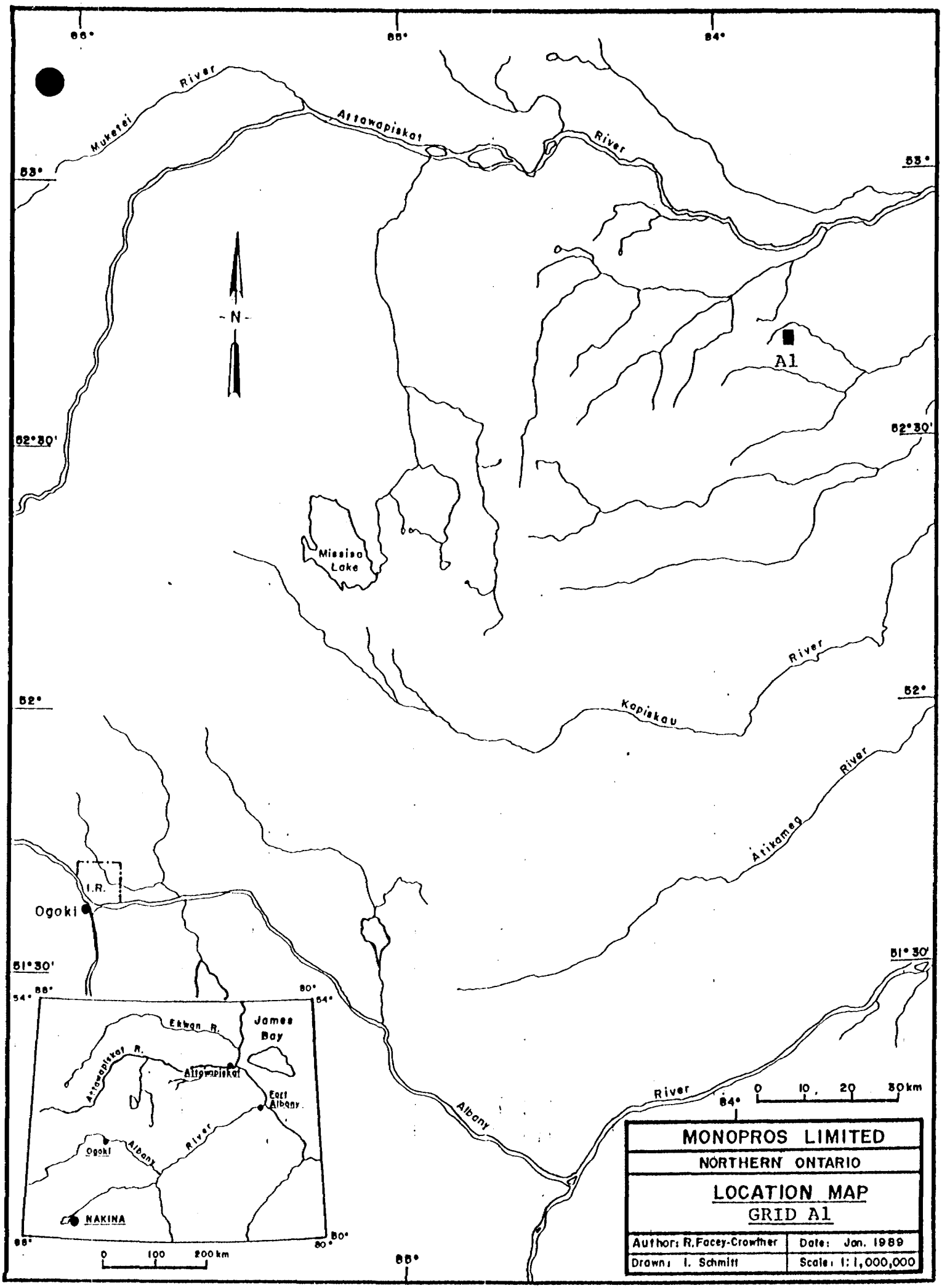
90 - Phlogopite megacryst 2x3cm

DRILL LOG

AREA: Attawapiskat | GRID: A1 | HOLE# A1-3-89

DEPTH (m)	DESCRIPTION
	95.8 - Ilmenite megacryst with magnetite reaction rim 2x3cm and phlogopite megacryst 2x3cm
	102.4 - ol/cd nodule 1cm
	103 - Olivine rich nodule 2x3cm
	104.4 - Garnet megacryst 1x3cm
	107.2 - CD rich nodule 2x4cm
	109 to End of Hole - Some calcite segregation
	110.6 - Ilmenite megacryst 0.5x1cm
	112.3 - 112.7 - Very friable grey kimberlite
	114.5 - Large fresh olivine megacryst 2x5cm
	116.2 - cpx megacryst 1x2cm
	118.3 - Olivine nodule 2x2 cm
	119.3 - Three cpx megacryst 1x2cm
	119.8 - cpx olivine nodule 2x4cm
122	End of Hole

Richard Fahey - Geologist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85°
84°
Mukeesi River
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83°
N
A1
82°30'
Missisa Lake
Kopiskau River
82°
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I.R.
Ogoki
51°30'
54°
88°
80°
Ekwan R.
James Bay
Attawapiskat R.
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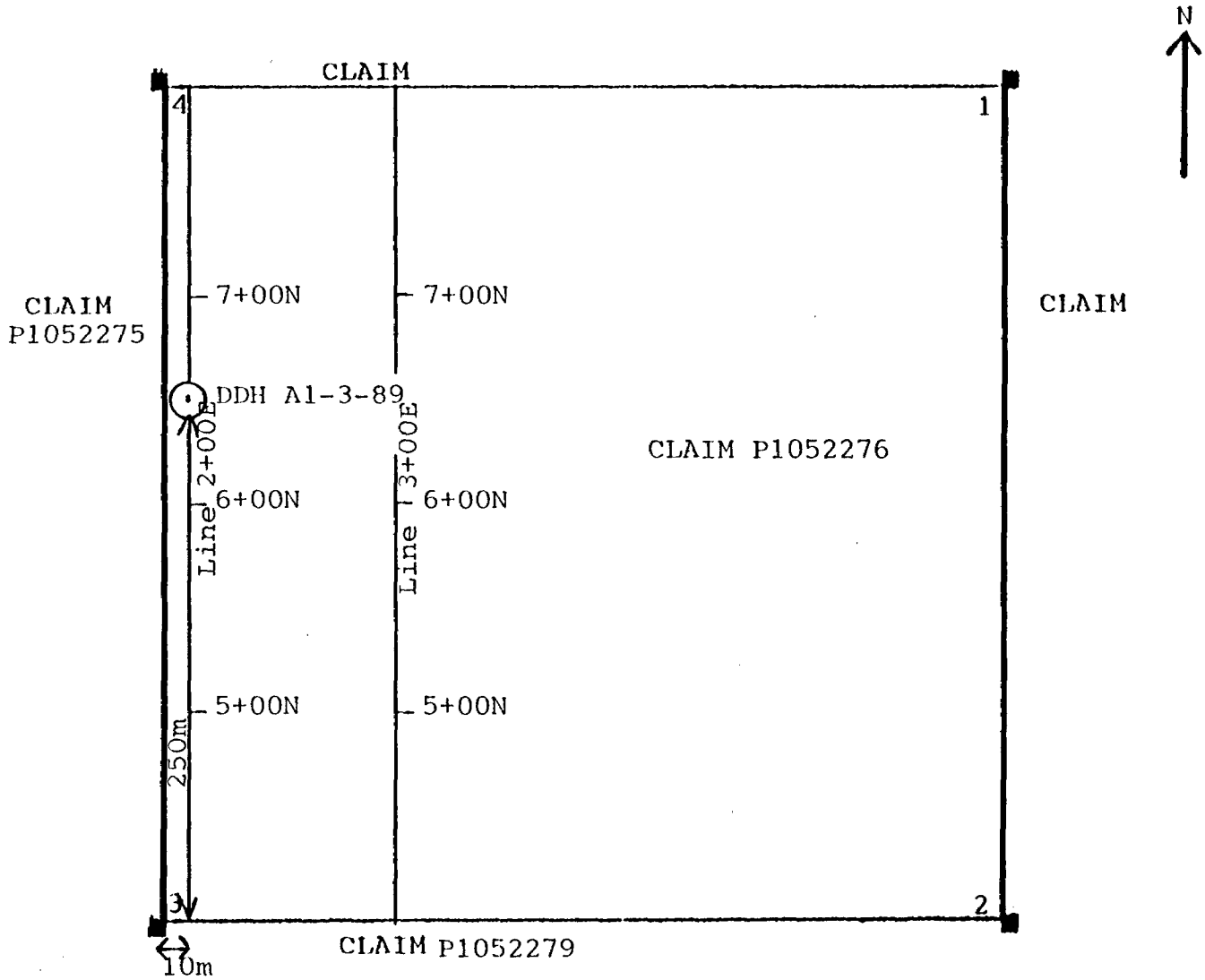
East Albany
Ogoki
Albany River
NAKINA
0 100 200 km
Albany River
0 10 20 30km
MONOPROS LIMITED
NORTHERN ONTARIO
LOCATION MAP
GRID A1
Author: R. Facey-Crowther
Date: Jan. 1989
Drawn: I. Schmitt
Scale: 1:1,000,000

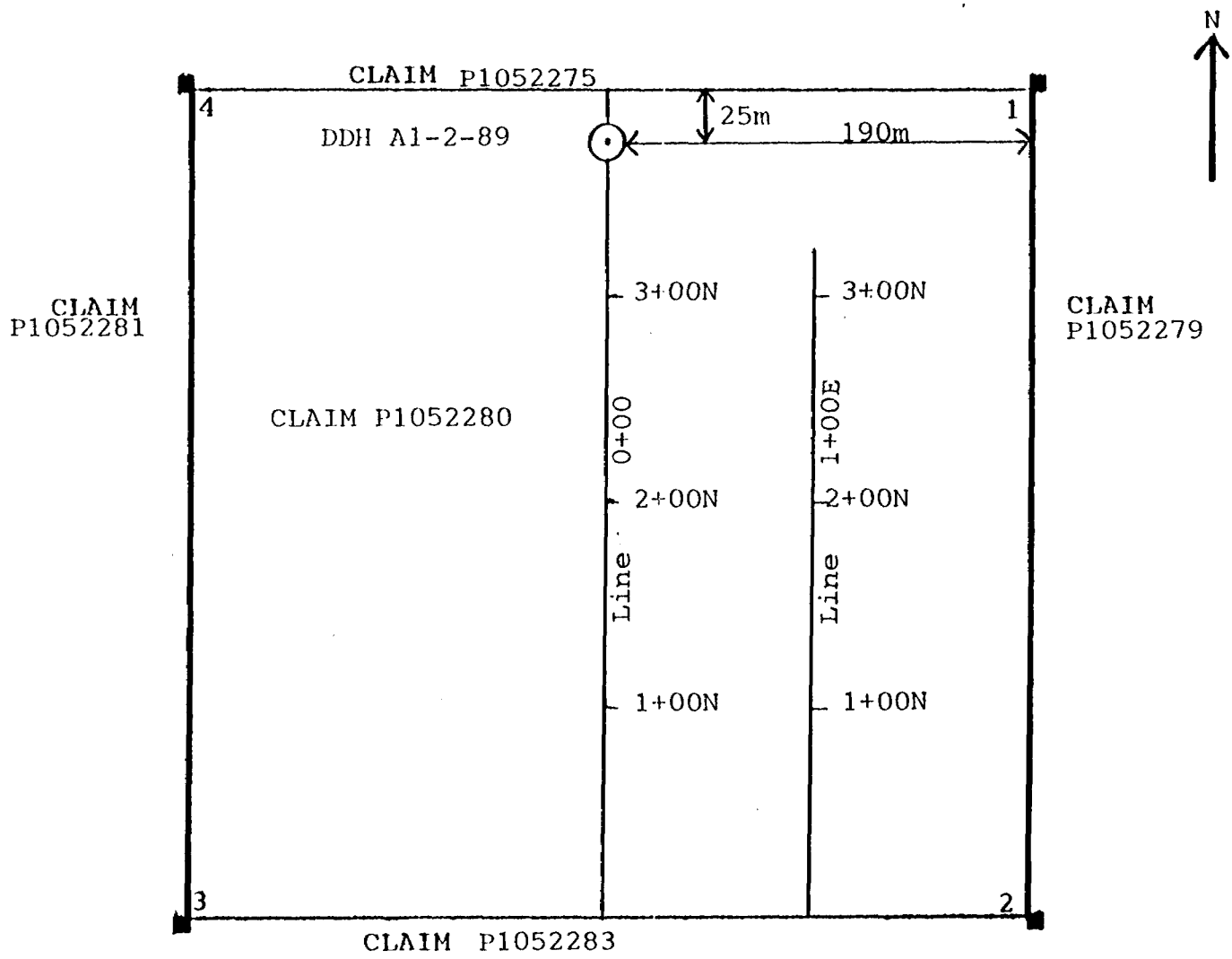
LOCATION SKETCH FOR DIAMOND DRILLING ON CLAIM P 1052276



LEGEND

- Claim post
- Vertical drill hole
- Inclined drill hole showing angle and direction of drill hole

LOCATION SKETCH FOR DIAMOND DRILLING ON CLAIM P1052280



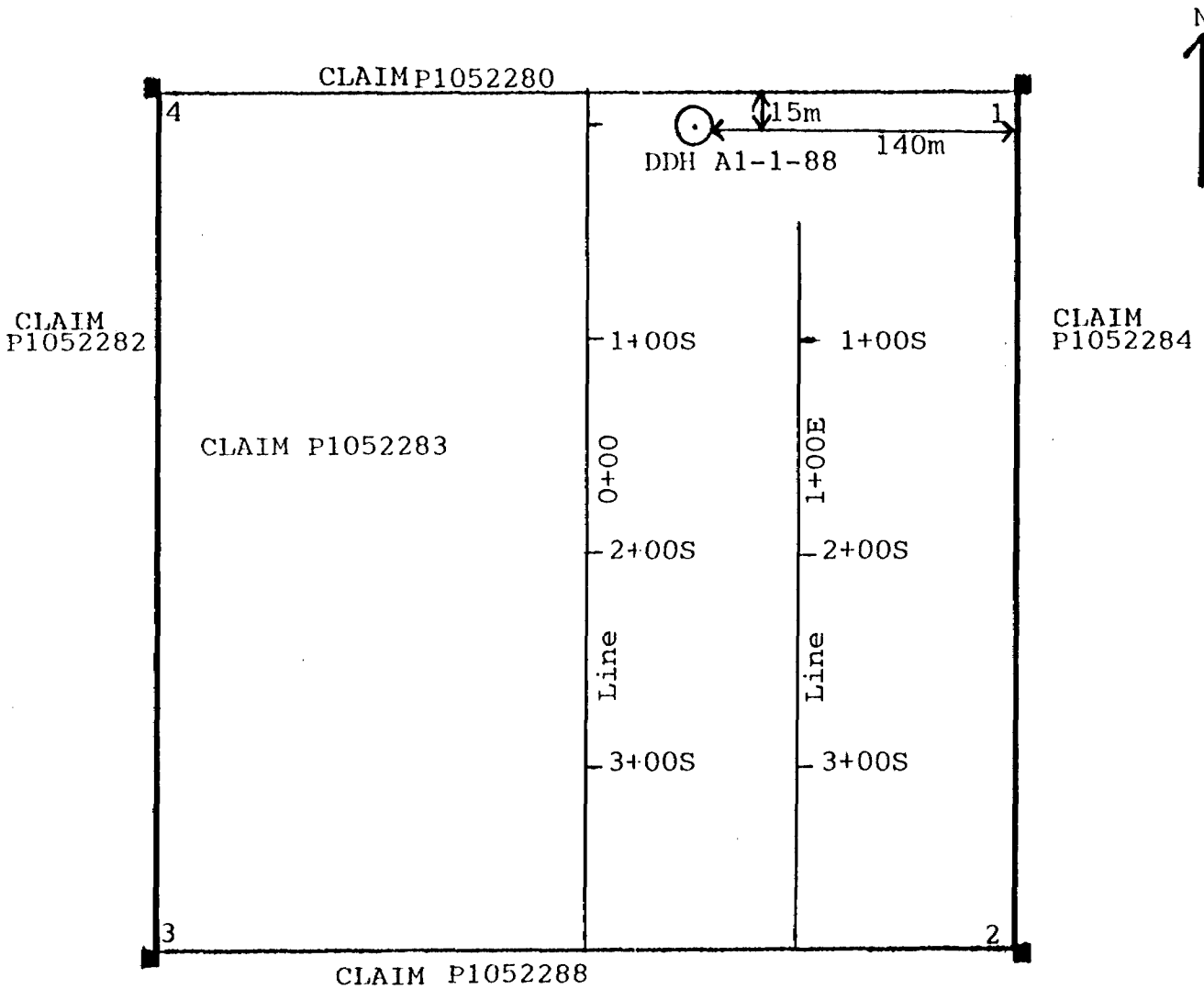
SCALE

0 100 200 300 400 Metres

LEGEND

- Claim post
- Vertical drill hole
- Inclined drill hole showing angle and direction of drill hole

LOCATION SKETCH FOR DIAMOND DRILLING ON CLAIM P1052283



SCALE

0 100 200 300 400 Metres

LEGEND

- Claim post
- Vertical drill hole
- Inclined drill hole showing angle and direction of drill hole

Ministry of Northern Development and Mines
Ontario

DOCUMENT NO.
W 9006·60863

43B12NW0007 10 526-834

900

requirements and the reverse side of this form for tapin

Mining Act — Report of Work

Name and Address of Recorded Holder	Prospector's Licence No.
J.A. Fowler	A-45284
25 E. Adelaide St, Suite 1800, Toronto, Ont. M5C 1Y2	Telephone No. 416-363-2665

Summary of Distribution of Credits and Work Performance

Mining Division	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
Porcupine	P	1052274	163						
Township or Area: 526 834 G-3852	P	1052275	163						
Total Assessment Credits Claimed: 1467	P	1052276	163						
Type of Work Performed (Check one only)	P	1052279	163						
☐ Manual Work	P	1052280	163						
☐ Shaft Sinking Drifting or other Lateral Work	P	1052281	163						
☐ Mechanical equipment	P	1052282	163						
☐ Power Stripping other than Manual (maximum credit allowed - 100 days per claim)	P	1052283	163						
☒ Diamond or other Core drilling	P	1052284	163						
☐ Core Specimens									

Dates when work was performed	Total No. of Days Performed	Total No. of Days Claimed	Total No. of Days to be Claimed at a Future Date
From: 28/03/88 To: 27/02/89	1467	1467	0

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)

Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
P1052280	400	P1052276	400	P1052283	667						

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

SEE ATTACHED

Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	30 / 11 / 89	Richard Facey-Crowther

Certification Verifying Report of Work

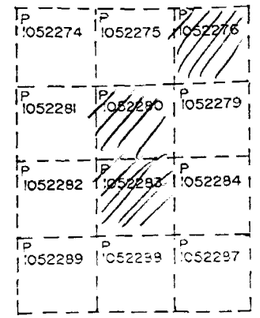
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying			
Richard Facey-Crowther, 1112 Russell St, Unit 6, Thunder Bay, Ont.			
P7B 5N2	Telephone No. 807-622-4585	Date 30 / 11 / 89	Certified By (Signature) Richard Facey-Crowther

For Office Use Only.

Work Assignments

Received Stamp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P 1052275
P 1052276
P 1052281
P 1052280
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P 1052283
P 1052284
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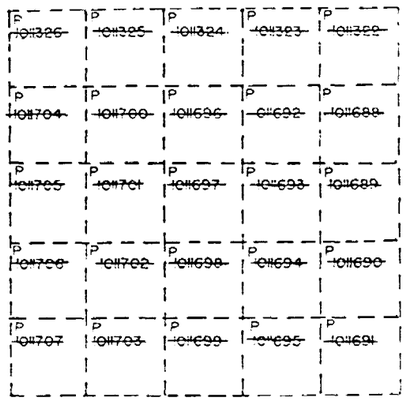
P 1052288
P 1052287

526-834
(6-385)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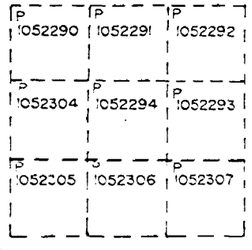
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