

43B13SW0005 12 527-834

010

DIAMOND DRILLING

AREA: 527-834

REPORT NO: 12

WORK PERFORMED FOR: J.A. FOWLER

RECORDED HOLDER: SAME AS ABOVE

: OTHER

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P1052710	W-1-88	400FT	APR, 88	1
P1052713	W-2-89	71M	APR, 89	1
	W-3-89	128M	JAN, 89	1,
	W-4-89	55M	JAN, 89	1
	W-5-89	86M	JAN, 89	1
P1052269	X-1-88	742FT	APR, 88	1

NOTE: (1) #W9006-60261, filed June, 1990

MONOPROS LIMITED
DRILL LOG

AREA: Attawapiskat HOLE#: W-1-88
 NTS Sheet: 43B/13 GRID: W
 CLAIM: P1052710 COORDS: 4+00W 9+70N
 CONTRACTOR: Kluane Drilling ANGLE: 90 ° BEARING: °
 DRILL TYPE: Longyear Super 38 CORE: BQ DEPTH: 400 ft.
 LOGGED BY: BHSS/JMK STARTED: 7/4/88
 DATE: 29/4/88 COMPLETED: 8/4/88

DEPTH (ft)	DESCRIPTION
0-19	CASING
19-400	<p>HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE Yellowish green macrocrystic kimberlite with abundant carbonate stringers that has highly altered the kimberlite. The olivine has been altered to pale green. The xenolith (4cm) are altered and globular segregation are present. Chrome diopside, ilmenite and garnet are present. Small patches of brecciated kimberlite with carbonate as matrix. Mica is present. Alteration halo occur around some xenolith. Contains some nodules but highly altered.</p> <p>49' - ilmenite megacryst 2cm 52' - 4 cm nodule, highly altered garnet/ol/opx? 65' - garnet megacryst 1 cm, a few brown autolith 2cm 72' - large altered nodules and large ultramafic xenolith 105' - 112' - kimberlite brecciated by calcite veining. Xenolith commonly show zonal alteration 161' - 320' - carbonate veining more intense, some fresh olivine, ilmenite megacryst, olivine may be a little coarse at bottom of hole.</p>
400	End of hole.

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Richard Farcy - Crowther

MONOPROS LIMITED
DRILL LOG

AREA: <u>Attawapiskat</u>	HOLE#: <u>W-2-89</u>
NTS Sheet: <u>43B/13</u>	GRID: <u>W</u>
CLAIM: <u>P 1052713</u>	COORDS: <u>4+00W 9+35N</u>
CONTRACTOR: <u>Longyear Drilling</u>	ANGLE: <u>45 °</u> BEARING: <u>0 ° N</u>
DRILL TYPE: <u>Fly 38 Longyear</u>	CORE: <u>NQ</u> DEPTH: <u>71.0m</u>
LOGGED BY: <u>RFC/PKH/JK</u>	STARTED: <u>Jan 19/89</u>
DATE: <u>Jan 23/89</u>	COMPLETED: <u>Jan 20/89</u>

DEPTH (m)	DESCRIPTION
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0-10.7 Overburden - limestone pebbles
Casing to 9.75 metres

10.7-63.8 **HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE**

- yellowish green to dark green
- abundance of indicator minerals: ol>ilm>cpx>garnet
- ilmenites are < 1 cm
- garnets rare < 1 cm, usually 2mm in size
- olivine macrocryst in various states of alteration abundant throughout core
- limestone are most abundant xenolith type - usually altered with zoning, sometimes has segregation selvages
- slate and shale also present as xenoliths
- mica phlogopite is present throughout core and are sometimes chloritized
- globular segregation and segregation selvages are present but not dominant
- small calcite stringers are present - in some places more abundant than others
- nodules are present but some are very altered especially when veining is abundant
- autoliths are present throughout core
- 10.7 - 18.0 - core is weathered and broken
- 20% core loss
- olivine macrocryts are altered
- 11m - 3 cm CD megacryst
- 20.7m - 4 cm autoliths
- 24.3m - 4 cm nodule of CD, garnet, opx, and altered olivine
- 24.9m - nodule of brown altered olivine with CD and ilmenite 6x4 cm
- 26.1 - 26.3 m - kimberlite contains more limestone xenoliths-kimberlite breccia
- 26.4m - phlogopite megacryst 2x4 cm

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DRILL LOG

AREA: Attawapiskat

GRID: W

HOLE#: W-2-89

DEPTH (m)

DESCRIPTION

26.5 - Serpentinized olivine with ilmenite 2x4cm
 - 1cm garnet megacryst with reaction rim
 32.2 - Large CD megacryst about 10x4cm
 37 - Garnet and cpx nodule
 37.7 - Cpx macrocryst 2.5 x 1.0 cm
 37.9 - Cpx, olivine, opx? nodule 3x1 cm
 39.1 - 1.5 cm garnet megacryst & 2cm nodule of
 olivine and opx
 39.3 - 3cm nodule cpx, olivine & opx
 39.5 - Cpx macrocryst 1.5x2.5 cm
 41.2 - Cpx megacryst 1x2 cm
 43.4 - Large 7cm altered cpx megacryst
 44.1 to 44.7 - Increased calcite veining
 45.0 - Olivine megacryst with globular
 segregation 2x2 cm
 46 to 46.5 - Increased calcite veining - vug present
 47.0 - Exotic nodule - perhaps peridotitic
 - nodule about 6x5 cm
 - altered olivine present
 48.1 - Large autolith or alteration
 49.3 to 63.8 - There is an increase in the amount of
 calcite veining
 50 - Altered nodule?
 51 - Patches of black alteration - magnetite
 55.75 - Olivine and garnet altered to pale green
 (serpentinized) with selvage 1.5x2 cm
 55.85 - Cpx megacryst which is highly altered 2x3 cm
 55.9 - Dark autolith 2x2 cm with well developed selvage
 58 to 63.8 - Abundant calcite veining
 58.1 - Altered cpx megacryst 3cm
 63 to 63.8 - Very altered kimberlite

63.8-71.0 LIMESTONE

71.0 End of hole

Richard Foley-Crowther

MONOPROS LIMITED
DRILL LOG

AREA: <u>Attawapiskat</u>	HOLE#: <u>W-3-89</u>
NTS Sheet: <u>43B/13</u>	GRID: <u>W</u>
CLAIM: <u>P 1052713</u>	COORDS: <u>4+00W 9+35N</u>
CONTRACTOR: <u>Longyear Drilling</u>	ANGLE: <u>45</u> ° BEARING: <u>90° E</u>
DRILL TYPE: <u>Fly 38 Longyear</u>	CORE: <u>NO</u> DEPTH: <u>128m</u>
LOGGED BY: <u>RFC/PKH/JK</u>	STARTED: <u>Jan 23/89</u>
DATE: <u>Feb 9/89</u>	COMPLETED: <u>Jan 24/89</u>

DEPTH (m)	DESCRIPTION
0-9.1	Overburden - limestone
9.1-95.8	<p>HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE</p> <ul style="list-style-type: none"> - olivines are <0.5cm in size and in some places more altered than in others - limestone is the most abundant xenolith - they are altered with zonal alteration present - ilmenite is very abundant - up to 0.5cm - ilmenite > CD > garnet - abundant mica - globular segregation rare - autolith present - nodules present but not abundant - buff grey <p>9.1 - 14.6m - kimberlite is very weathered and broken</p> <ul style="list-style-type: none"> - olivines are altered to serpentine - 5% core loss <p>14.6 - 19.4m - orange buff grey, kimberlite more fresh</p> <ul style="list-style-type: none"> olivine is not altered <p>19.4 - 24.5m - calcite veining is present</p> <p>24.5 - 26.9m - kimberlite altered and friable</p> <p>40 - 41 and 45.5 - 53 m - numerous carbonate stringers</p> <ul style="list-style-type: none"> - abundant ilmenite up to 10mm - trace chrome diopside and garnet - occasional calcite segregations - limestone xenoliths showing occasional zonal alteration - occasional xenoliths show segregation - irregular patches of magnetite up to 4cm <p>12m - phlogopite megacryst 2x4 cm</p> <p>14.7m - CD megacryst 2 cm</p> <p>26.9m - buff green kimberlite - fresher, olivine less altered</p> <p>29.3m - CD/ol/mica? nodule - 3cm</p> <p>29.5m - ol/CD nodule 2cm and 2 small - 1cm garnet/CD nodule - eclogitic</p>

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AREA: Attawapiskat

GRID: W

HOLE#: W-3-89

DEPTH (m)

DESCRIPTION

34.6m - autolith 4x5cm
 36.5m - very altered CD megacryst? 3cm
 38.7m - very altered nodule? 5cm
 40.2 and 40.7m - calcite veins 0.5 - 1cm
 41.7m - altered basement xenolith 5cm
 46.6 - 53.3m - increased calcite veining
 52.4m - garnet megacryst 1x2cm
 55.9m - CD/garnet/ol/opx nodule - gt lherzolite
 58.1m - dark patches of alteration becoming more common
 58.4m - 2 cd megacryst - altered 2 to 3 cm
 60.7m - very altered nodule? 4 cm some mica seen
 65.4 - 71m - kimberlite matrix is altered - clay lighter in colour
 68.15 - Magnetite crystals in carbonate vug 2x2cm
 69.3 - 70m - large limestone xenolith
 75.7m - dark black xenolith?? 3x9cm with limestone and olivine up to 3mm
 77.4m - autolith 1x2cm
 78.6 - 83m - small carbonate stringers
 81.3m - 6cm limestone xenolith contain 3 - 1cm kimberlite xenolith
 81.8m - olivine megacryst with serpentine intergrowth 2x3cm
 83.6m - very altered CD megacryst with selvage
 85.1m - CD megacryst? 2cm
 85.6m autolith 5x6cm
 86.05m - autolith 2x3cm
 88.4m - autolith 4x5cm
 89 - 97.4m and 98.2 - 121m - occasional carbonate stringers and veins
 89.3m - large limestone/calcite vein cross-cutting the core at 40° 3cm wide
 90.6m - autolith 3x3cm
 92.2 - 92.4m - autolith
 93.1m - autolith 3x4cm
 93.7 - 94.1m - decrease in xenolith content - very uniform fine grained kimberlite
 95.8-102.8 HYPABYSSAL MACROCRYSTIC KIMBERLITE BRECCIA
 97.4 - 98.2m - soft hematitic rock (red on streak plate) with cross-cutting carbonate veins in fractures
 98.9m - autolith 3x2cm
 99m - autolith 4x6cm
 99.4m - autolith 4x8cm
 99.6m - 2 autoliths 4x6cm and 4x5cm

DRILL LOG

AREA: Attawapiskat GRID: W HOLE#: W-3-89

DEPTH (m)	DESCRIPTION
99.85m	- very altered eclogite nodule 3x11cm
	- many small garnets 1x2mm
100m	- autolith 6x8cm
100.1m	- small eclogite nodule 2x2cm
102.1m	- peridotite nodule 7x8cm
102.3m	- autolith 2x2cm
102.4m	- autolith 1x2cm
102.6m	- autolith 1x2cm
102.8-121 HYPABYSSAL KIMBERLITE	
105.2m	- autolith 5x5cm
105.8m	- autolith 2x2cm
108 - 112m	- increased calcite veining
108.3m	- autolith 2x2cm
109.9m	- autolith 4x5cm
113.1m	- small autoliths
115 - 115.1m	- large autolith
115.4m	- autolith 2x2cm
116.1m	- segregation around limestone xenolith 1cm
118.5m	- autolith 2x3cm
119.1m	- autolith 2x3cm
119.7m	- autolith 3x3cm
120.6m	- autolith 2x2cm
121-123.5 DARK GREENISH BROWN KIMBERLITE - ALTERED	
123.5-124.4 Transition zones from kimberlite to broken limestone core - brecciated by abundant carbonate veins	
124.4-128 Broken limestone core	
128	End of Hole

Richard Fargy-Crowther

**MONOPROS LIMITED
DRILL LOG**

AREA: <u>Attawapiskat</u>	HOLE#: <u>W-4-89</u>
NTS Sheet: <u>43B/13</u>	GRID: <u>W</u>
CLAIM: <u>P 1052713</u>	COORDS: <u>4+00W 9+35N</u>
CONTRACTOR: <u>Longyear Drilling</u>	ANGLE: <u>45</u> ° BEARING: <u>180° S</u>
DRILL TYPE: <u>Fly 38 Longyear</u>	CORE: <u>NO</u> DEPTH: <u>55.0m</u>
LOGGED BY: <u>RF-C/PKH/JK</u>	STARTED: <u>Jan. 20, 1989</u>
DATE: <u>Feb. 4, 1989</u>	COMPLETED: <u>Jan. 21, 1989</u>

DEPTH (m)	DESCRIPTION
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0-10.4 Overburden

10.4-47.0 **HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE**

- olivines are slightly altered but get fresh down the hole
- most xenoliths of limestone are zoned
- mica is present
- xenoliths of limestone are common
- globular segregation is rare
- megacrysts of cpx throughout the hole
- CD > ilm > garnet
- garnets have kelyphite? rims
- 11.2 - 3x4 cm CD megacrysts
- 10.6 - 3cm nodule CD/olivine/opx
- 10.8 - 2 nodules olivine/CD - 1-2 cm
- 12.7 - 4 cm CD megacryst
- 13.4 - garnet rich nodule 3x4 cm
- 15 - gt/CD - eclogite nodule 2cm and 1cm ol/CD nodule
- 16.6 - Serpentinized olivine megacryst light green
2x3 cm with small (1mm) garnet inclusions
- 16.9 - 1cm ilmenite megacryst
- 18.9 - small 1cm large olivine crystal with CD/garnet
- 20.0 - Olivine megacryst with halo
- 19.2 - CD megacryst 2cm
- 23.5 to 24.5 - transition zone from light brown weathered kimberlite above to darker brown-grey coloured kimberlite below
- calcite veining starts at about 27.0 metres and increases towards bottom of hole
- 27.1 to 46.6 - presence of calcite veining throughout core
- 28 to 28.5 - carbonate vein with vugs 2cm in width

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AREA: Attawapiskat

GRID: W

HOLE#: W-4-89

DEPTH (m)

DESCRIPTION

- 33.4 to 34.7 - carbonate vein with vugs and breccia
 34.6 - Cpx macrocryst 2x3cm
 34.9 - Large olivine macrocrysts 5x10 cm
 35 to 35.6 - Carbonate vein with vugs and breccia
 and brown mineral
 35.2 - 4cm CD megacryst
 37.8 - 5cm olivine/CD/Opx nodule
 38 to 38.3 - Carbonate vein with vugs
 38.4 - Cpx macrocryst 2x2cm
 38.9 - 4cm CD megacryst
 39 - 2cm garnet megacryst
 40 - 4cm olivine rich nodule
 41.1 - Brown kimberlite autolith 4x3cm
 44.3 - Altered gt/ol nodule 9x7cm with garnets
 44.1 - Garnet megacryst 1x1cm
 - some calcite veins radiate out from phlogopite
 macrocrysts
 44.2 to 46.6 - abundant calcite veining crosscutting
 the core at 25° - veins are about 5mm between each
 one - very abundant
 45.4 - 2mm wide by 8cm along length of core - vein
 of dark magnetite
 45.6 - Phlogopite megacryst - 5x7cm
- 47.0-55.0 Limestone begins and continues to the bottom of the
 hole
 - fossils in the limestone - brachiopods, rugosa
 coral, crinoid stems - ossicles
 - tabulate coral
- 55.0 End of Hole

Richard Farcy Crowder

MONOPROS LIMITED
DRILL LOG

AREA: <u>Attawapiskat</u>	HOLE#: <u>W-5-89</u>
NTS Sheet: <u>43B/13</u>	GRID: <u>W</u>
CLAIM: <u>P 1052713</u>	COORDS: <u>4+00W 9+35N</u>
CONTRACTOR: <u>Longyear Drilling</u>	ANGLE: <u>45</u> ° BEARING: <u>270°W</u>
DRILL TYPE: <u>Fly 38 Longyear</u>	CORE: <u>NQ</u> DEPTH: <u>86m</u>
LOGGED BY: <u>RF-C/PKH/WDS/JK</u>	STARTED: <u>Jan. 21, 1989</u>
DATE: <u>Feb. 8, 1989</u>	COMPLETED: <u>Jan. 22, 1989</u>

DEPTH (m)	DESCRIPTION
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0-9.9	Overburden - Limestone pebbles
9.9-27	<p>HYPABYSSAL UNIFORMLY TEXTURED SEGREGATIONARY MACROCRYSTIC KIMBERLITE</p> <p>9.9 to 18 - weathered to light grey colour 18 to 27 - weathered to rusty grey colour</p> <ul style="list-style-type: none"> - abundant ilmenite up to 10cm - occasional chrome diopside up to 2-3cm - trace garnet up to 2mm - abundant limestone xenoliths showing zonal alteration - a few segregations are present - abundant mica - dark patches of alteration present throughout core <p>10.1 - very altered xenolith 2.5cm - groundmass change to mica</p> <p>10.6 - 2cm mica megacryst</p> <p>11.25 - altered CD/garnet nodule 2.5cm</p> <p>12.4 - 2 cm cpx megacryst</p> <p>13.8 - very altered large nodule</p> <p>16.6 - altered olivine/CD nodule 2x3cm</p> <ul style="list-style-type: none"> - serpentized olivine and small 2mm garnet nodule <p>18.3 - olivine/CD nodule 1.5cm</p> <p>19.1 - very altered CD crystal with possible garnet? 5cm</p> <p>19.7 - large olivine megacryst with ilmenite 2x4cm</p> <p>21.3 - autolith 2x4cm olivine/CD nodule 1cm</p> <p>20.8 - 5cm very altered CD megacryst</p> <p>23.6 - very altered CD megacryst 2cm</p> <p>23.1 - 2 olivine megacryst with segregation selvage 3x3cm</p> <p>23.8 - autolith 5x3cm</p> <p>24.2 - serpentized olivine with garnet 2x2cm</p> <ul style="list-style-type: none"> - olivine megacryst with well developed segregation selvage <p>23.7 - olivine megacryst with CD - well developed segregation selvage 2cm</p> <p>25.1 - olivine rich nodule with selvage 4x5cm</p> <p>25.4 - olivine rich nodule with selvage 3x3cm</p> <p>26.1 - 4cm olivine/garnet/CD nodule</p>

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AREA: Attawapiskat GRID: W HOLE#: W-5-89

DEPTH (m) DESCRIPTION

27 - 33 **HYPABYSSAL MACROCRYSTIC KIMBERLITE BRECCIA**
 - limestone xenoliths slightly more abundant than 15%
 - fractures crosscutting the core and xenoliths are infilled with calcite
 28.7 - large phlogopite megacryst 2x3cm
 30.5 to 71 - kimberlite is blue grey - fresher olivines
 - indicators ilmenite, chrome diopside and garnet as above

33-63.8 **HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE**
 - abundant ilmenite up to 10mm
 - rare chrome diopside up to 2-3mm
 - trace garnet up to 2mm
 - abundant limestone xenoliths showing zonal alterations, some xenoliths up to 15cm
 - a few segregations are present
 33.4 - 2.5cm CD megacryst
 34.45 - garnet/olivine/CD nodule 3cm
 37.7 - peridotite nodule? (olivine & pyroxene) 6x2cm
 39.3 - very altered large olivine rich nodule 4x6cm
 39.8 - autolith 2x3cm, very altered gt/CD/ol? nodule 2cm
 40 - segregations 2x3cm
 40.9 - autolith
 44.1 - large autolith
 44.9 - phlogopite megacryst 2x2cm
 - calcite veining present until end of hole
 51.4 - felsic intrusive xenolith 6x4cm

63.8-77.5 **HYPABYSSAL MACROCRYSTIC KIMBERLITE BRECCIA**
 63.8 TO 71 - blue grey colour of kimberlite
 71 to 77.5 - greenish yellow colour of kimberlite
 - indicators - ilmenite, chrome diopside, garnet - as above
 67.9 - diabase fragment 4x6cm
 - increase in altered basement xenoliths
 68.1 - autolith 4cm
 72.5 - pyroxene fragment 3x6cm
 72 - autolith 3x4cm
 73.1 to 73.2 - limestone xenolith 9x4cm
 75 to 77.5 - increasingly abundant calcite veining
 75.8 - diabase fragment 4x5cm
 75 to 77.5 - increasingly altered towards contact

DRILL LOG

AREA: Attawapiskat GRID: W HOLE#: W-5-89

DEPTH (m) DESCRIPTION

77.5-86 LIMESTONE BEDROCK - BRECCIATED
83 to 86 - matrix is chloritic in the brecciated
limestone

86.0 End of Hole

Richard Facey - Crowder

MONOPROS LIMITED
DRILL LOG

AP#: <u>Attawapiskat</u>	HOLE#: <u>X-1-88</u>
NTS Sheet: <u>43B/13</u>	GRID: <u>X</u>
CLAIM: <u>P1052269</u>	COORDS: <u>3+00E 4+25S</u>
CONTRACTOR: <u>Kluane Drilling</u>	ANGLE: <u>90°</u> BEARING: <u>°</u>
DRILL TYPE: <u>Longyear Super 38</u>	CORE: <u>BQ</u> DEPTH: <u>742 ft</u>
LOGGED BY: <u>JMK</u>	STARTED: <u>4/4/88</u>
DATE: <u>3/5/88</u>	COMPLETED: <u>7/4/88</u>

DEPTH (ft)	DESCRIPTION
0-12	CASING
12-197	<p>HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE - pale yellow green kimberlite altered to clay. Olivines are 0.1 cm to 1 cm in size and most are altered. Some xenoliths (5%) are present ranging from 0.2 cm to 6 cm. They are altered and consist mainly of limestone. Autolith and globular segregation are rare, however, thin segregation selvages and alteration haloes are present around a few xenolith. Ilmenite, chrome diopside and garnet megacrysts are present, ilmenites being the most abundant. Olivines are abundant and are packed together. Nodules are rare. Mica is present</p> <p>75 - 77 - very altered kimberlite Core loss - 50%</p> <p>96½ - large altered ol/gt/opx nodule</p> <p>97 - 107 - altered kimberlite - clay Core loss - 20%</p> <p>107 - 109 - limestone</p> <p>109 - 117 - Very altered kimberlite, matrix altered to clay - core loss 30%</p> <p>136-145½ - very altered kimberlite Core loss - 60%</p> <p>159 - a 3 cm wide autolith? Looks very similar to the rest of the kimberlite, however, it is fresher Core loss - 60%</p>
197-206½	<p>HYPABYSSAL GLOBULAR SEGREGATIONARY MACROCRYSTIC KIMBERLITE</p> <p>Same macrocrystic kimberlite with increase in segregational selvages around the xenoliths. Limestone xenoliths are very altered with alteration zones present. The kimberlite matrix is still altered to clay.</p>

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D R I L L L O G

AREA: Attawapiskat

GRID: X

HOLE# X-1-88

DEPTH (ft)

DESCRIPTION

- 206½-217 Macrocrystic kimberlite is now blue green in colour and is fresher. The matrix is not altered. Olivines are not altered. The segregation selvages are thicker around the limestone. The limestone selvages are dark green in colour - very striking- kimberlite has become more chaotic. It is grading into a breccia - limestone becoming abundant
206 - Chrome diopside/garnet nodule 1 cm and chrome diopside/olivine nodule 1½ cm
- 217-232 HYPABYSSAL GLOBULAR SEGREGATIONARY MACROCRYSTIC KIMBERLITE BRECCIA
A blue green kimberlite breccia very similar to the kimberlite seen before but with abundant limestone xenolith with segregation selvages. Autoliths become more abundant. A few globular segregation are present (looks like its tending towards TKB?? but macrocrystic fresh olivines are present)
- 232-239 Large limestone xenoliths are present - 3 cm to 20 cm. The kimberlite is carbonated - green in colour
- 239-249 Kimberlite breccia same as before but olivines have increased in size (coarse grained) and are packed together.
- 249-273 Limestone - light brown
Core loss - 30%
- 273-309 Pale green kimberlite breccia very similar to kimberlite breccia encountered before. Abundant limestone xenolith (0.5 cm - 20 cm). Some of the xenoliths are altered to a blue green colour with segregation selvages around them. Autoliths are abundant (0.5 cm - 5cm). Nodules are rare, Olivine macrocrysts are present. The matrix has been altered to clay. Ilmenite, garnet and chrome diopside megacrysts are altered with reaction rims. Olivine in the matrix are coarse grained.
305½' - 307' - limestone block - light brown
309' - 310' - rusty brown limestone
- 310-355 Same kimberlite with matrix that is less altered into clay. Abundant large fresh limestone (7 cm) clasts are present
320' - 323' - light green limestone
329' - 330' - light brown limestone
334' - smoky grey calcite crystal grown in a vug and magnetite crystals
335' - 337' - light brown limestone with a small interval of carbonated kimberlite 3" wide at 336½'
354½' - 10 cm wide dyke or flow band that contains brecciated light brown limestone, chrome diopside, garnet and ilmenite in a matrix of very coarse grained olivine.

D R I L L L O G

A: Attawapiskat

GRID: X

HOLE# X-1-88

DEPTH (ft)

DESCRIPTION

489-492½ Same as above but with no matrix alteration

492½- Limestone - light brown

506½ Core loss - 10%

507-517 HYPABYSSAL MACROCRYSTIC KIMBERLITE BRECCIA - pale green - same as before. Abundant limestone with decrease olivine macrocryst content.

517-585 LIMESTONE - cream coloured limestone changing into a brown crystalline vuggy limestone at 577'
Core loss - 50%

585-594 HYPABYSSAL UNIFORMLY TEXTURED MACROCRYSTIC KIMBERLITE
Very fresh blue green typical macrocrystic kimberlite with mainly limestone xenolith. Globular segregation is rare. Segregation selvages and autoliths are rare. Garnet, ilmenite and chrome diopside megacryst are present. Some of the xenolith are altered, nodules are rare.

594-742 HYPABYSSAL MACROCRYSTIC KIMBERLITE BRECCIA
Very fresh blue green macrocrystic kimberlite breccia. The kimberlite is the same as above with increase limestone xenolith. A few nodules are present. Autoliths and segregation selvages are rare. Chrome diopside, garnet and ilmenite megacrysts are present.

634' - gt/ol/opx nodule 2 cm

637' - very large CD megacryst 4 cm

639½' - two gt/ol/opx nodule 2 cm

642½' - 2 cm gt rich nodule

692' - 693½' - brown limestone xenolith

694½' - 697' - brown vuggy limestone

698½' - 700' - brown crystalline limestone xenolith

716' - 717' - brown limestone xenolith

723½' - 725 - brown limestone xenolith

725½' - 726½' - brown limestone xenolith

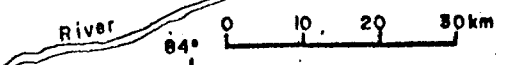
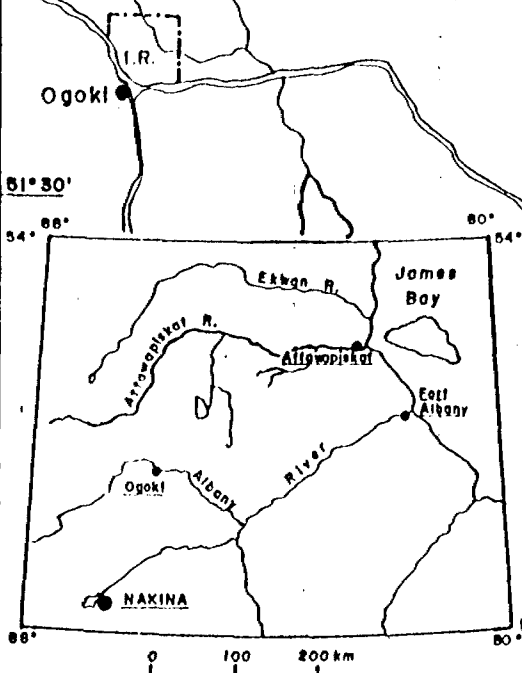
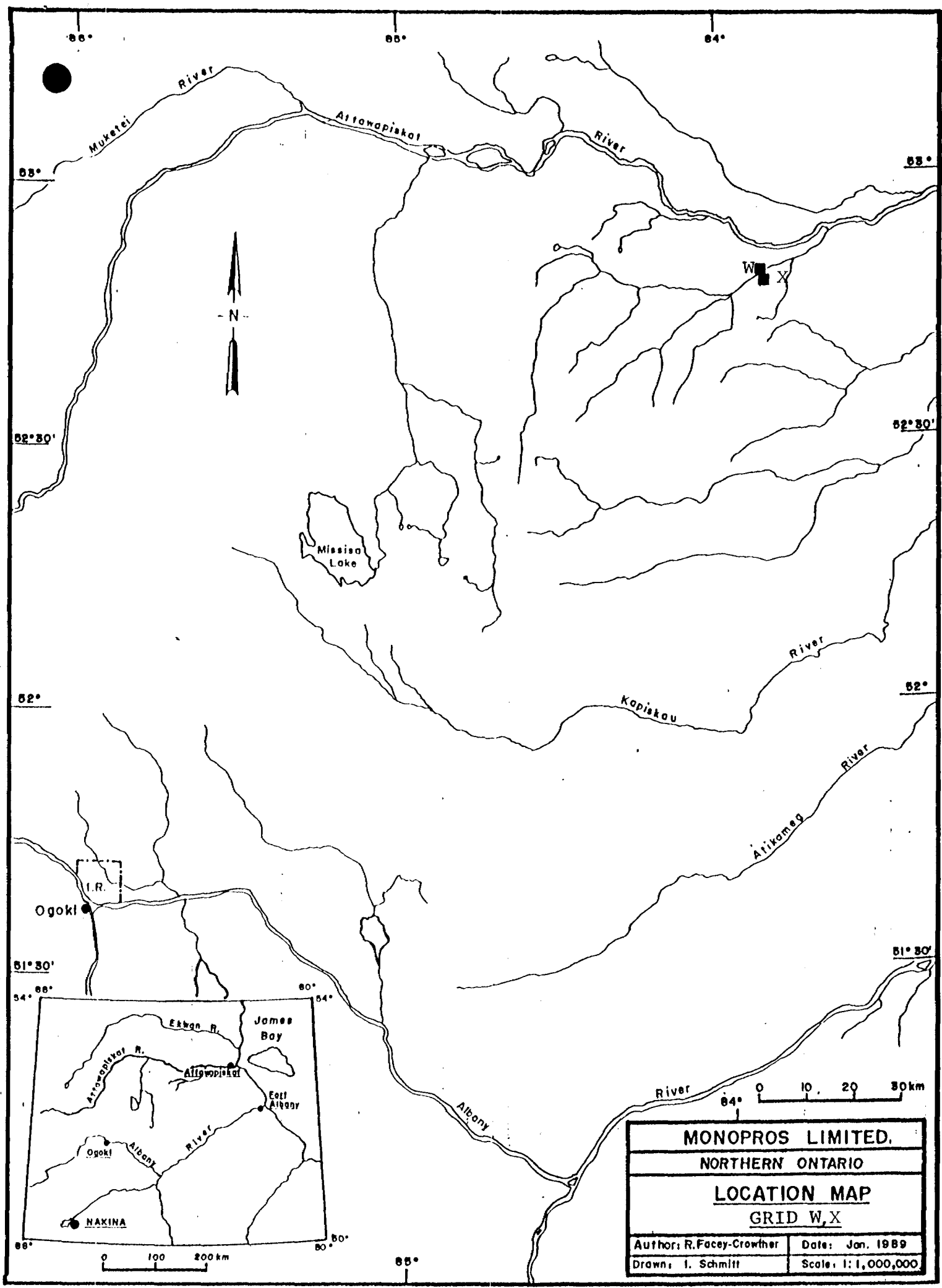
730½' - 731' - brown limestone xenolith

738' - 738½' - brown limestone xenolith

739' - 741' - brown limestone xenolith with sulphides

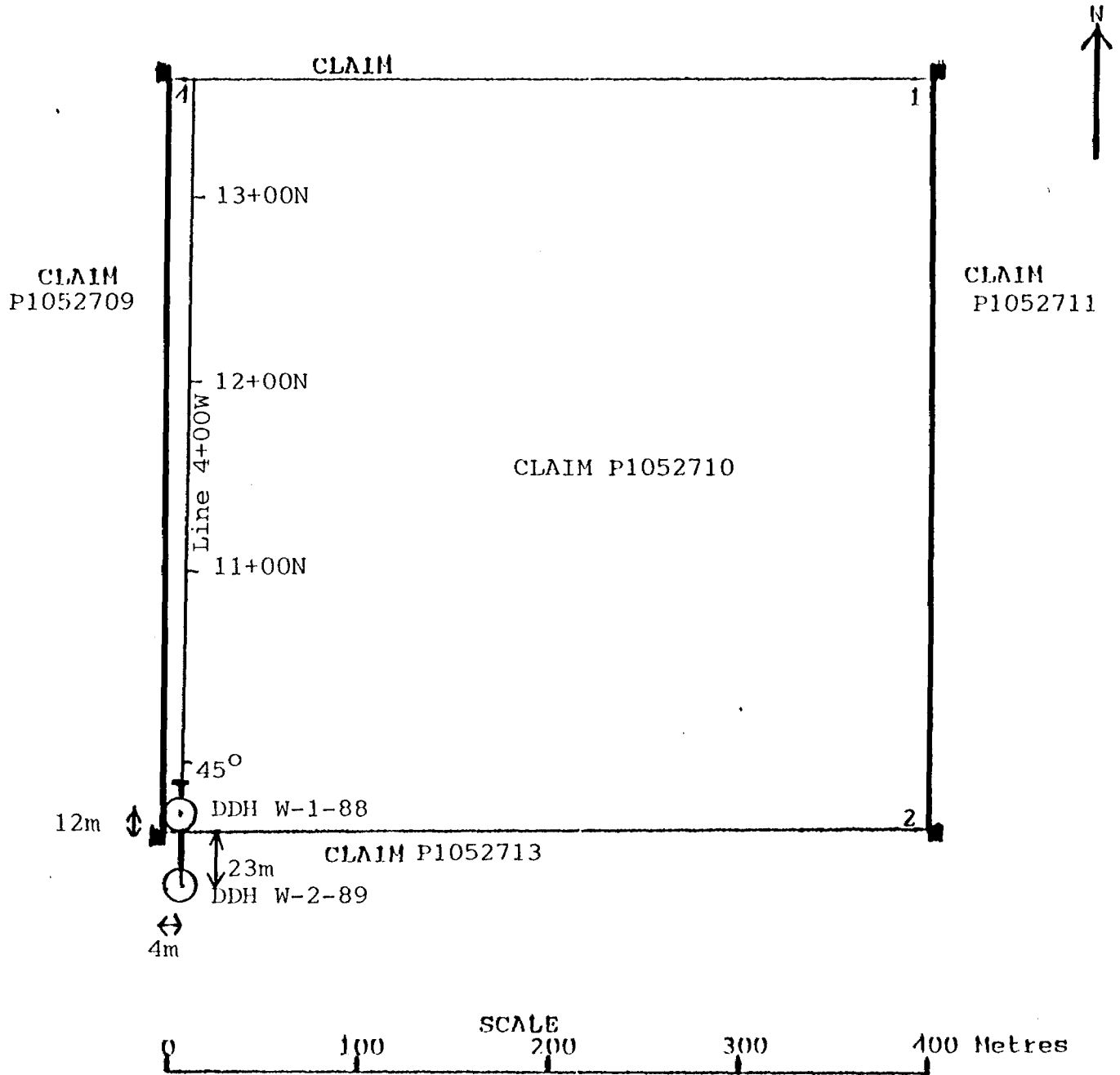
742 End of hole

Richard Farcy - Crowther



MONOPROS LIMITED.	
NORTHERN ONTARIO	
LOCATION MAP	
GRID W, X	
Author: R. Facey-Crowther	Date: Jan. 1989
Drawn: I. Schmitt	Scale: 1:1,000,000

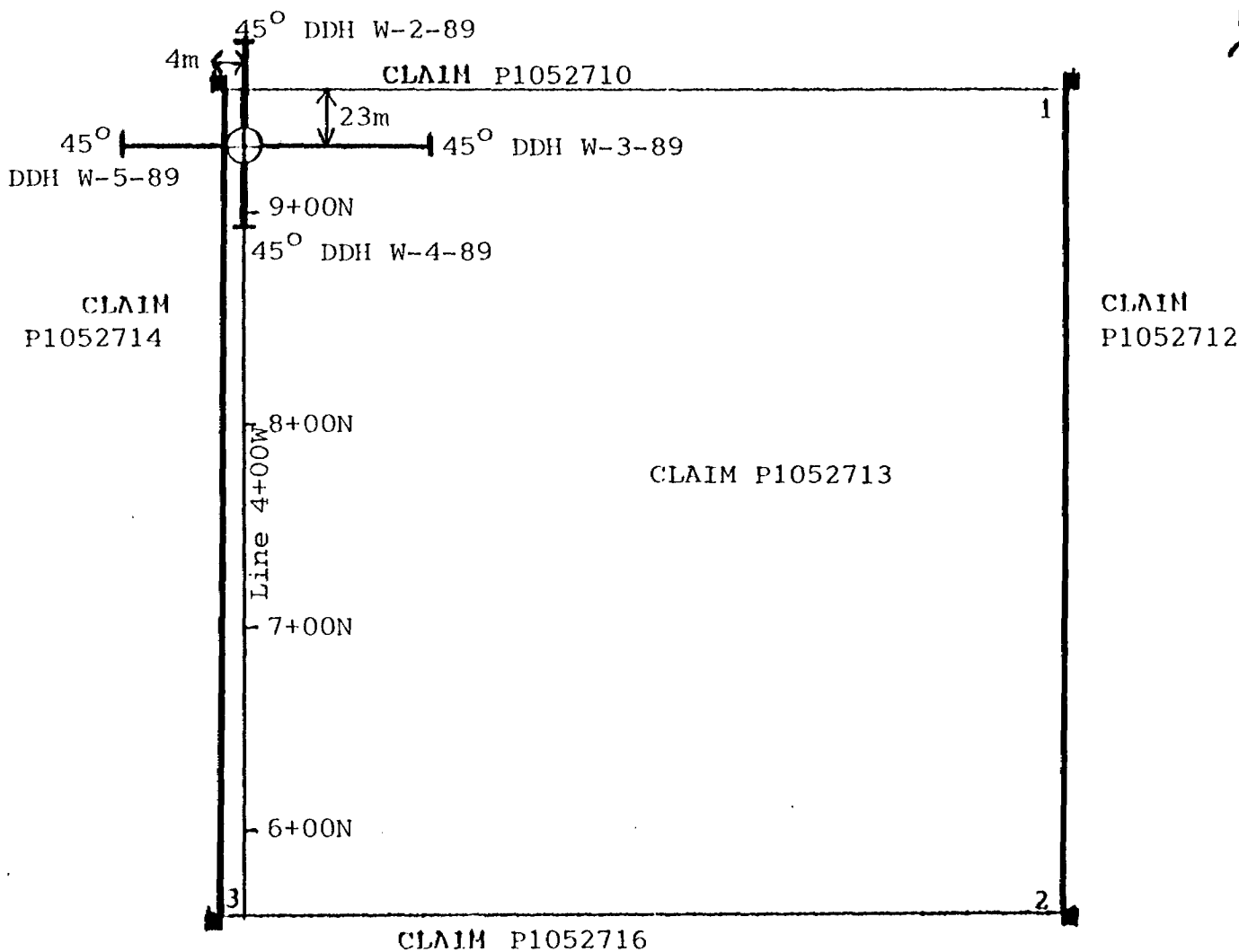
LOCATION SKETCH FOR DIAMOND DRILLING
ON CLAIM P 1052710



LEGEND

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

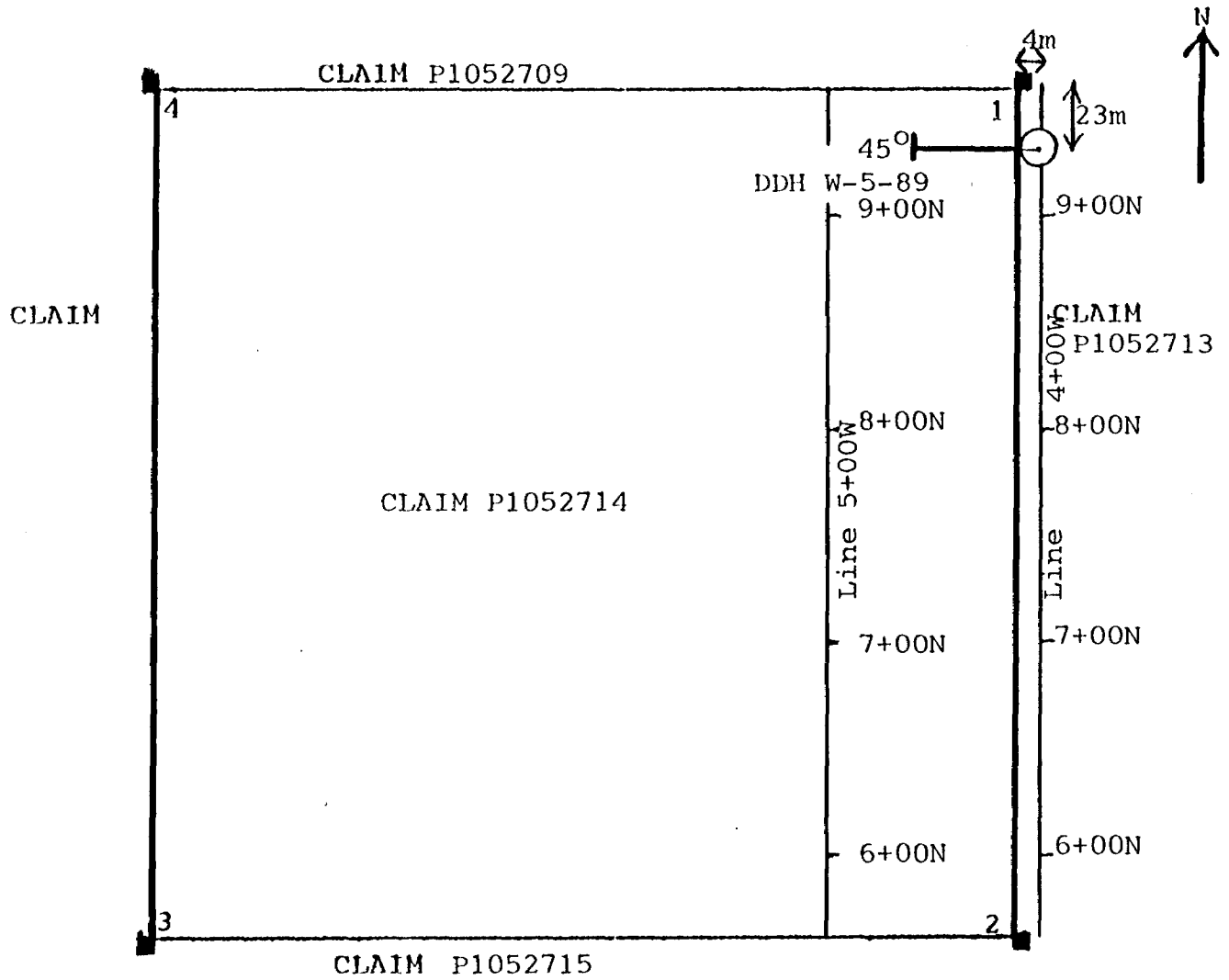
LOCATION SKETCH FOR DIAMOND DRILLING
ON CLAIM P 1052713



LEGEND

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

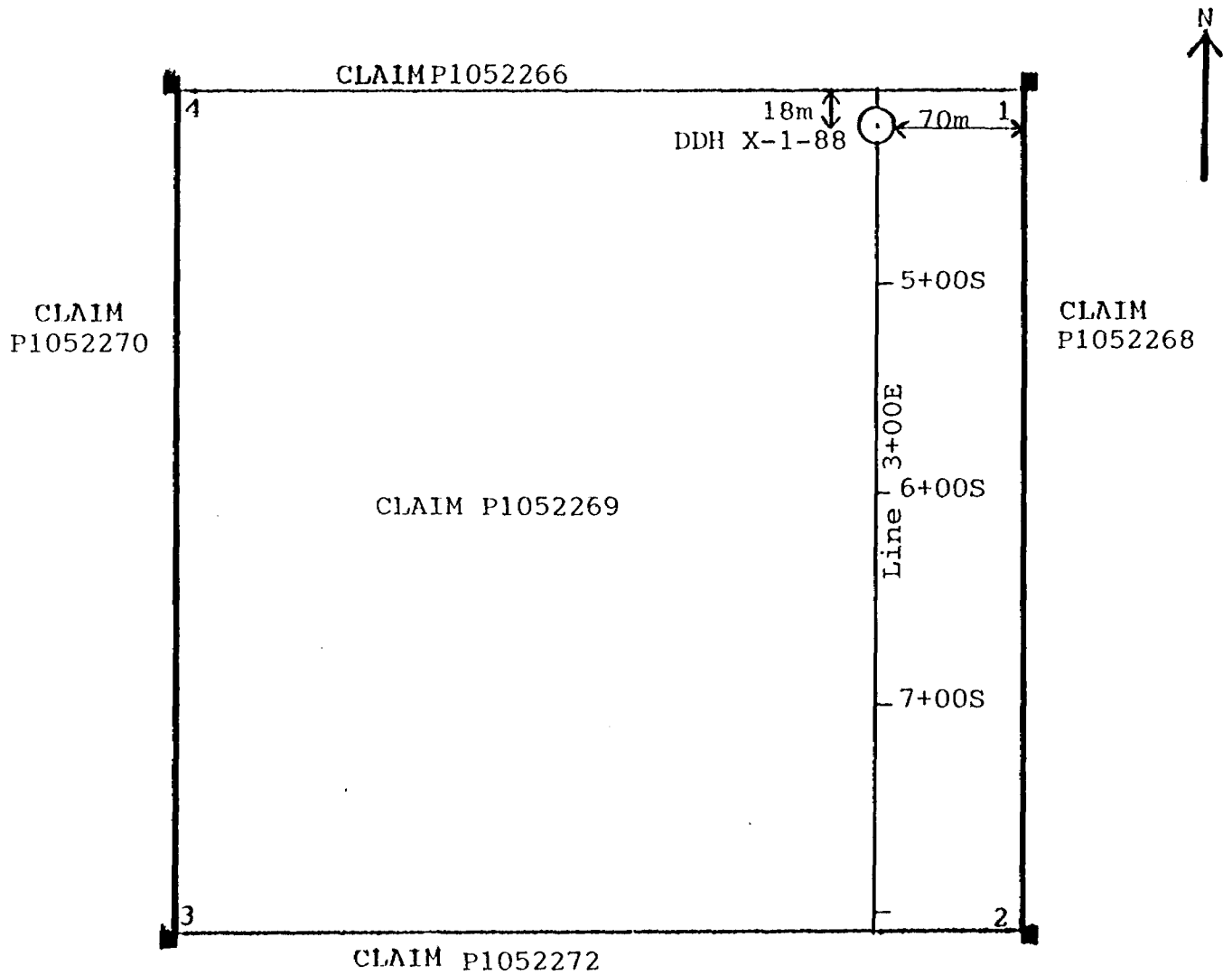
LOCATION SKETCH FOR DIAMOND DRILLING
ON CLAIM P1052714



LEGEND

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

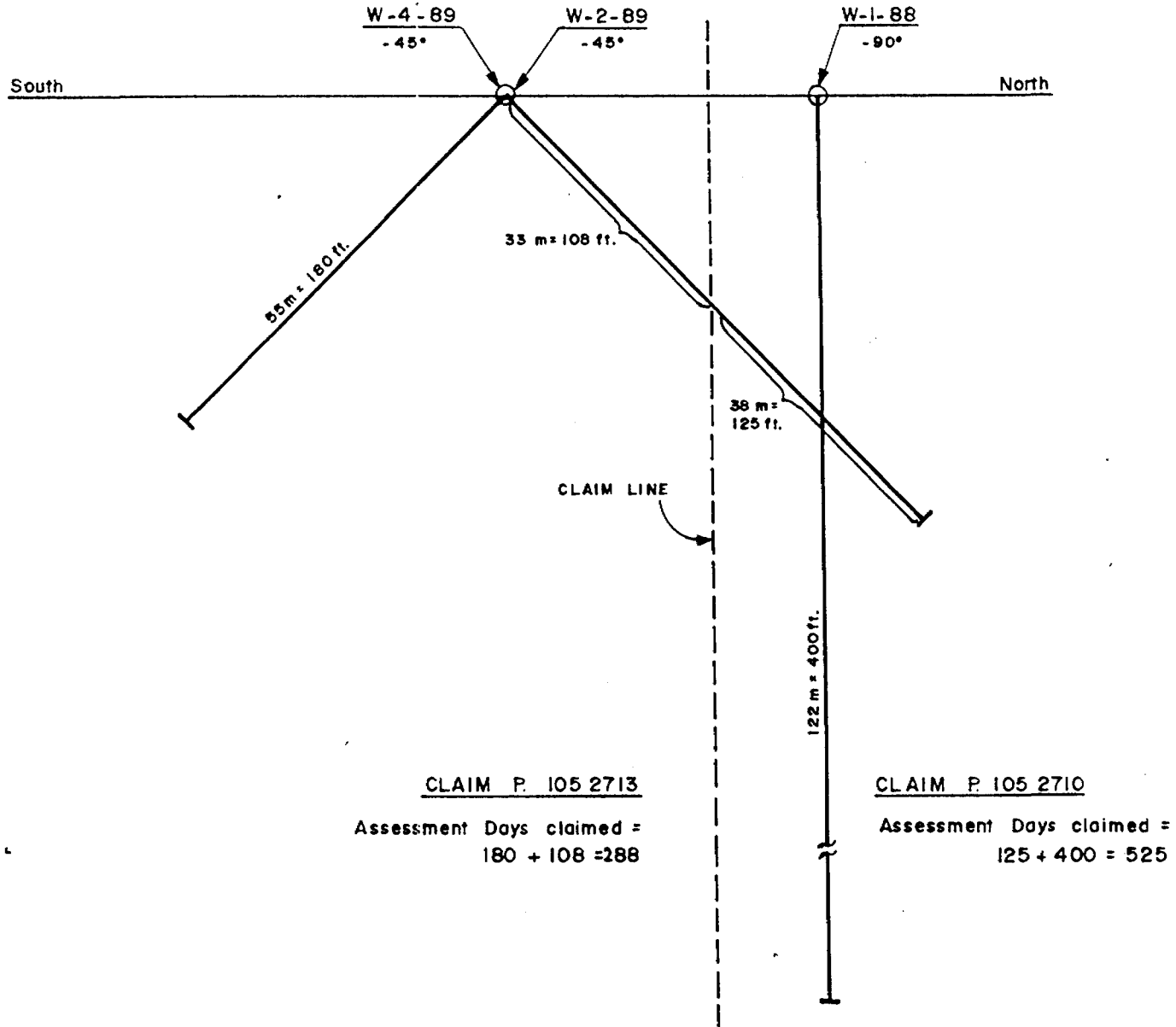
LOCATION SKETCH FOR DIAMOND DRILLING
ON CLAIM P1052269



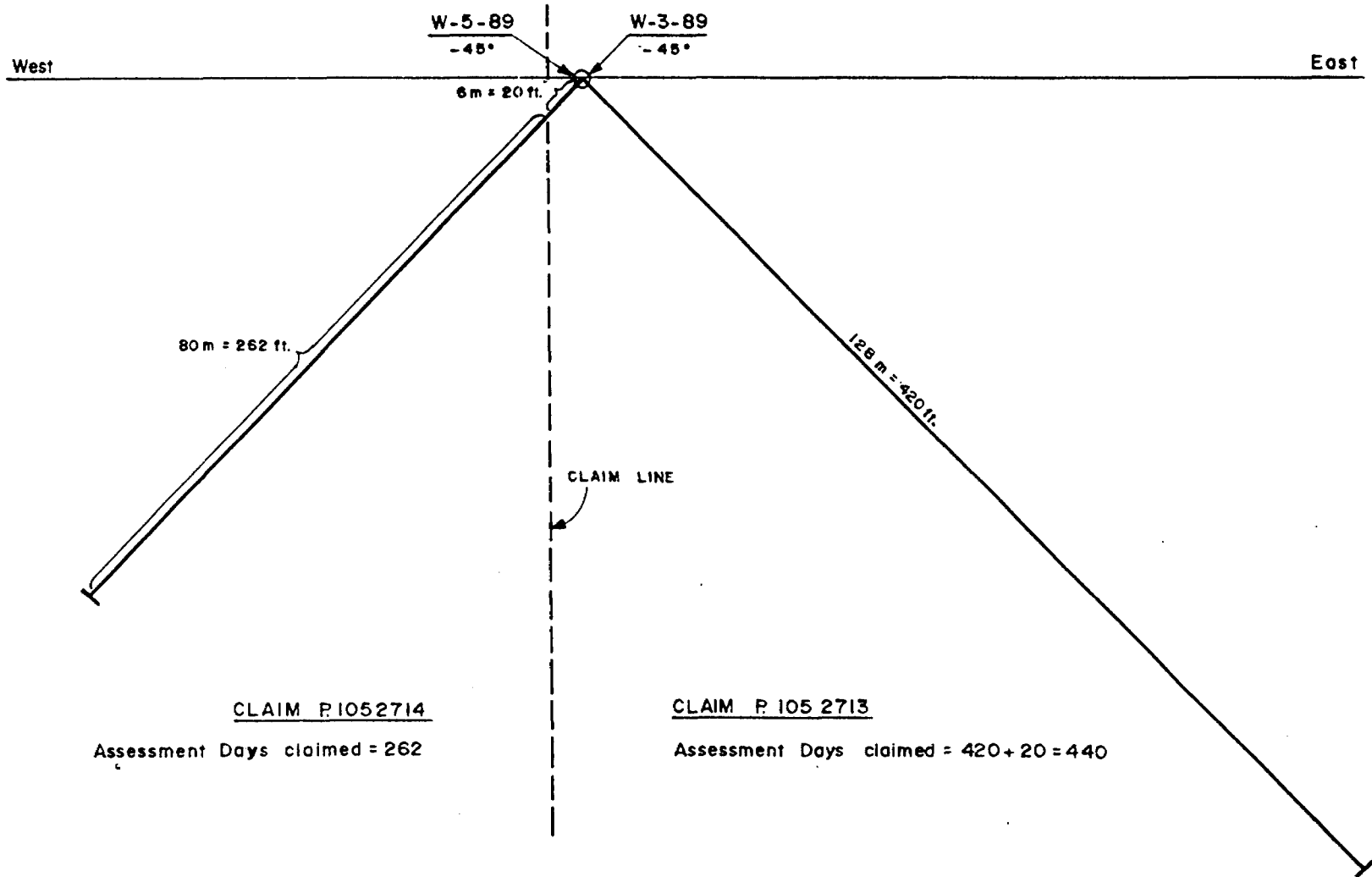
LEGEND

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

PROFILE OF D.D.H's W-1-88, W-2-89 & W-4-89



PROFILE OF D.D.H's W-3-89 & W-5-89

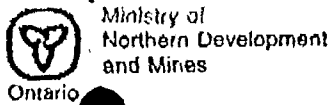


527-834
(6-1253)

P 1052166	P 1052167	P 1052168	P 1052169
P 1052173	P 1052172	P 1052171	P 1052170
P 1052174	P 1052175	P 1052176	P 1052177
P 1052181	P 1052180	P 1052179	P 1052178
P 1101379	P 1101380		

P 1052709	P 1052710	P 1052711
P 1052714	P 1052715	P 1052712
P 1052715	P 1052716	P 1052717
P 1052265	P 1052266	P 1052267
P 1052270	P 1052269	P 1052268
P 1052271	P 1052271	P 1052273

P 1052134	P 1052135	P 1052136
P 1052139	P 1052138	P 1052137
P 1052140	P 1052141	P 1052142



DOCUMENT No.
W 9006-60261



43813SW0005 12 527-834
prior to obtaining a copy of the mining act or regulations work requirements and the reverse side of this form for table of information.

900

Mining Act Report of Work

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

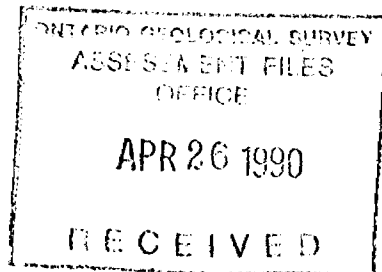
Mining Division Porcupine	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
Township or Area 527-834 G-1253	P	1052265	161	P	1052713	162			
Total Assessment Credits Claimed 2257	P	1052266	161	P	1052714	162			
Type of Work Performed (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work <input type="checkbox"/> Mechanical equipment <input type="checkbox"/> Power Stripping other than Manual (maximum credit allowed - 100 days per claim) <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Core Specimens	P	1052267	161	P	1052716	161			
	P	1052268	161	P	1052717	161			
	P	1052269	161						
	P	1052270	161						
	P	1052709	161						
	P	1052710	161						
	P	1052711	161						
	P	1052712	161						

Dates when work was performed From: 04/04/88 To: 24/01/89	Total No. of Days Performed 2257	Total No. of Days Claimed 2257	Total No. of Days to be Claimed at a Future Date 0
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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 1052269	No. of Days 742	Mining Claim 1052710	No. of Days 525	Mining Claim 1052713	No. of Days 728	Mining Claim 1052714	No. of Days 262
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

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 30 / 11 / 89	Recorded Holder or Agent (Signature) R. Facey-Crowther
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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 RECORDED FEB 12 1990
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