

43B13SW2003 2.18142 527834

010

MONOPROS LIMITED

2.18142

**ASSESSMENT REPORT ON THE
WINTER 1997
REVERSE CIRCULATION DRILLING PROGRAMME
OF THE VICTOR KIMBERLITE**

**Casey Hetman
January 5, 1998**

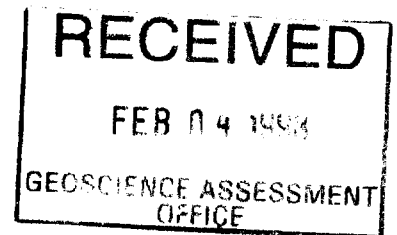


TABLE OF CONTENTS

1.0 INTRODUCTION.....3

1.1 Description3

1.2 General Geology.....3

1.3 Logistics-4

2.0 DISCUSSION.....5

2.1 Geophysics.....5

2.1.1 Geophysical Interpretation of the Victor Kimberlite.....5

2.2 Drilling.....6

2.2.1 Sample Description7

2.2.2 Sample Treatment.....8

2.2.3 Results.....9

3.0 CONCLUSIONS AND RECOMMENDATIONS.....9

FIGURE 1 10

TABLE 1. 11

TABLE 2. 12

REFERENCES..... 13

APPENDIX A..... 14

DRILL LOGS AND SECTIONS..... 14

APPENDIX B..... 15

MAPS 15



1.0 INTRODUCTION

A 28 201.4 kg sample was collected from the Victor kimberlite pipe. This material was collected using two MHD reverse circulation drills. Prior to the collection of this material, detailed ground geophysics were completed over the pipe in order to better define the outline of the kimberlite as well as the internal structure of the body in preparation for drilling. The purpose of this drilling project was to recover macrodiamonds from this kimberlite in order to assess its economic potential.

1.1 Description

The camp was located on NTS mapsheet 43B/13, zone 17 at the UTM location of 305607 E and 5855252 N (NAD27). On January 20th the helicopter and geophysics crew arrived at Boomerang Lake (308700E, 5862500N) and the construction of the camp was completed on January 27th. The camp was set up, and closed by Services Exploration of Rouyn-Noranda. The camp consisted of eight tents; one kitchen tent, one "dry" tent, four sleeping tents, one storage tent and a generator tent. One survival tent was also placed at Boomerang Lake. The camp was powered by a 7.5 kW diesel generator. Water was obtained from a small creek approximately 50m from the "dry" tent.

1.2 General Geology

The Attawapiskat kimberlite cluster is located near the Attawapiskat river some 100 km west of the coast of James Bay, Ontario. The kimberlites lie within the Superior Structural Province of the Canadian Shield.

Paleozoic rocks unconformably overly the Precambrian basement rocks of the Superior, and attain a thickness of up to 800m within the Moose River Basin. These rocks range from Ordovician at the contact with the Shield rocks to the west, to Silurian rocks, which cover most of the Lowlands and consist of shales, limestones, dolomites, siltstones and sandstones (Norris and Sanford, 1968). Silurian reefs and bioherm deposits (430 Ma) outcrop in the vicinity of the Attawapiskat kimberlites and consist predominantly of

limestone and dolostone (Suchy and Stearn, 1993). These Paleozoic rocks are overlain by glacial and Recent deposits varying in thickness from 0 to more than 150m. Thin Pleistocene till sheets deposited by glaciers flowing north to south are covered by thin marine and coastal Holocene deposits which formed during the ongoing recession of the early post glacial Tyrrell sea (Martini, 1988). Silurian reefs and bioherm deposits (430 Ma) outcrop in the vicinity of the Attawapiskat kimberlites and consist predominantly of limestone and dolostone (Suchy and Stearn, 1993).

1.3 Logistics

The geophysics crew and camp equipment were mobilized by twin Otter and turbo Otter from Nakina to Boomerang Lake (704 km: round trip). From the lake equipment was taken by a Bell 204 helicopter to the camp site which is located close to the Victor kimberlite (16 km: round trip). The camp was placed in this location so that snowmobiles could be used to move people and light equipment to the grids and drills each day. The helicopter was only used to move pails of kimberlite and drilling equipment.

The bulk of the fuel for the drilling project was transported to the Attawapiskat First Nation community on the winter road from Moosonee. This fuel was then transported to Boomerang Lake by turbo Otter (192 km: round trip) from the community, then slung to camp with the helicopter.

Samples were transported to Boomerang Lake from sample caches on the individual kimberlites with the helicopter. They were then flown by the Otter to the Attawapiskat First Nation community. At the community they were loaded into 20 foot containers (approx. 400 pails/container), and then transported down the winter road to Moosonee. From Moosonee they were loaded onto a rail car and shipped to Val d'Or. A small number of samples were taken to Nakina, and transported by truck back to Val d'Or.

The drilling equipment was also transported to the Attawapiskat First Nation community by winter road from Moosonee. From the community the helicopter transported the drills

and compressors to camp (five loads at 1.5 hrs round trip). The remaining equipment was transported with the twin Otter to Boomerang Lake, then slung with the helicopter to camp.

At the end of the project the drills, and camp equipment were transported to the community by air, loaded into containers and onto flatbeds, then transported down the winter road to Moosonee.

2.0 **DISCUSSION**

2.1 **Geophysics**

The geophysical work was completed by Services Exploration with a five man crew. The work consisted of re-establishing the grid over Victor and collecting total field magnetometer data using a GEM GSM19 V5.0 in normal mobile mode. Work on the grid started on January 28, 1997 and was completed on February 02, 1997. The initial ground magnetometer survey was conducted on a grid with 100m line spacing and 25 m station interval. The new survey was conducted on a grid with 50m line spacing, with readings every 12.5m. The grid was placed over the kimberlite in order to get a better idea of the size and structure of the pipe in preparation for drilling. The total line kilometers surveyed by Services Exploration on the Victor grid was 23.1 km.

2.1.1 Geophysical Interpretation of the Victor Kimberlite

The new geophysics over Victor displays the internal structure of the pipe better than the previous 100m grid. This pipe appears to comprise two coalesced pipes (possible craters?) (Scott-Smith, 1993). Evidence for this is illustrated in the new data. There are a series of magnetic "lows" that split Victor into a southwest blow and a larger northeast blow. This is also supported by recent drilling. Holes V-07-97 and V-11-97 were ended at 37.5m and 38.4m due to a hard xenolith(?). These holes most likely passed out of the kimberlite into the hard limestone wall rock. These holes are located on opposite sides of the series of magnetic "lows" that separate the two blows.

The southwest blow is an irregular ellipse shaped body 300 x 200m that is represented by a magnetic "high" with a magnetic "low" in the center of the blow. There are a series of five magnetic "highs" that circle the central magnetic "low". These variations in the magnetic data were thought to represent different phases of kimberlite within the pipe and drill holes were spotted over them.

The northeast blow is characterized by a 300 x 350m irregular ellipse shaped magnetic "high" with a slightly smaller shadow zone (this is kimberlite, however the exact size and structure of this zone has yet to be established) to the northwest and a very straight north-south contact on the east side of the blow. This blow, like the one to the south-west, is represented by a series of magnetic "highs" and one magnetic "low".

Due to the new information about the structure of this pipe, the size of the pipe is less than the original estimate of 24.1 ha. A more realistic size estimate is 18.0 ha.

2.2 Drilling

The drilling crew consisted of two drillers and two helpers from Boart-Longyear. Two drills were used for the collection of the sample. One driller and one helper were required on each drill with one geologist and one or two field assistants.

On Victor, a total of 25 holes were completed, with a total of 1 301.2 metres drilled. Five of these holes had to be abandoned due to overburden problems, with no kimberlite recovered. A total of 24 302.4 kg (wet) of kimberlite was collected from this pipe. Initially only 20 000 kg of material was planned to be excavated from this pipe, however as the material was very wet, additional material was collected. The theoretical mass that was drilled from this pipe was 28 201.4 kg based on an assumed density of 2.4, for a percent recovery of 86.2 %. A total of nine drilling days was spent on this pipe

2.2.1 Sample Description

The samples were initially collected on site in 20 L pails then composited in Val d'Or into a total of 32 samples, see table 1.

The kimberlite that was collected is typically a hard green/brown coloured macrocrystic hypabyssal kimberlite. In some areas segregationary textures can be observed, some preferred orientation of elongated mineral grains was also observed, however these features are difficult to identify due to the small size of the chips. In other areas the kimberlite grades into a macrocrystic kimberlite breccia, especially close to the contact with the limestone wall rock. Rounded globules and autoliths were observed. A minor amount of blue/gray coloured macrocrystic hypabyssal kimberlite was also sampled.

Olivines are usually abundant to very abundant throughout this pipe (or pipes?). These grains are anhedral, fresh and are usually less than 4.0 mm. Some larger olivine megacrysts are present. In some areas, the olivines are clast supported. The olivine from the blue kimberlite is quite fresh, it is finer grained than the green brown kimberlite and sometimes it is replaced by calcite (V-23-97). Olivines close to the surface are weathered to a yellow brown colour giving the kimberlite a yellow brown appearance. Olivines were observed intergrown with garnet, clinopyroxene, phlogopite and spinel (from peridotites), as well as ilmenite (megacryst suite).

All indicators are, in general, conspicuous to relatively abundant. Garnets are present in a variety of colours. These grains are usually less than 2.0 mm, and they often have reaction rims of kelyphite. Most garnets are fresh and glassy, others appear clouded, sugary and extensively fractured. These altered grains are often intergrown with clinopyroxene.

Ilmenite is the most abundant indicator, this is followed by garnet and then chrome diopside. The ilmenite grains are usually less than 5.0 mm. These grains appear to be fragments of larger megacrysts. Ilmenite megacrysts were observed. V-03-97 contained very abundant coarse ilmenite as well as abundant chrome diopside. Spinel was observed as fine ($\cong 100 \mu\text{m}$) euhedral octahedra, these were particularly abundant in the blue

coloured kimberlite. The abundance of chrome diopside was variable within the pipe with most grains of probable megacrystic origin. Chrome diopside with tiny phlogopite inclusions were observed.

Phlogopite is usually rare and vermiculitized. Phlogopite macrocrysts were most abundant in V-15-97, some of these macrocrysts are fresh and silver/bronze in colour. Very tiny inclusions of perovskite within phlogopite may be present in V-13-97.

Xenoliths were not abundant within the chips examined. Small rounded limestone xenoliths were abundant in some sections of the holes close to the contact between the two pipes, probably due to the proximity of the limestone wall rock in this area. Some larger limestone xenoliths (30.0 cm) were encountered in some of the holes. Mantle xenoliths included three, 1.0 cm eclogite xenoliths, which appear to be fragments of the same nodule. Four ? MARID / glimmerite nodules were also observed. Basement rocks included a variety of felsic to mafic, medium grained, intrusive, pebble sized rocks.

2.2.2 Sample Treatment

The 32 samples were shipped from Val d'Or to Kimberley, South Africa for treatment. Initially the samples were weighed then dumped into a feed bin with a vibrating feeder which sent the material to a scrubber with a bottom screen of 1.0 mm and a top screen of 8.0 mm. Material less than 1.0 mm was sent to a slimes dam. The remaining material that was greater than 8.0 mm was passed through a jaw crusher. All the material was then passed through a dewatering screen, and any material less than 1.0 mm was sent to the slimes dam. From the dewatering screen the material was passed into a storage bin then into a mixing box, into a 150 mm cyclone. The concentrate was then screened and packaged, and the remaining material from the cyclone was sent to a tailings (see figure 1). The concentrates were then sorted for diamonds.

2.2.3 Results

A total of 96 macrodiamonds were recovered from this kimberlite, see table 1. Macrodiamonds are stones that are greater than 1.0 mm. 71 macrodiamonds were recovered from the northeast blow, and 25 macrodiamonds were recovered from the southwest blow.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Due to the number of macrodiamonds that were recovered from this kimberlite, this can be considered a successful project and further work is required. Recommendations for further work include drilling with a core rig to complete delineation drilling through the two blows, as well as the large shadow zone to the north west in order to produce a detailed structural model of this body. A core hole should also be placed through the magnetic high to the east, which is most likely a small kimberlite blow that needs to be confirmed. Reverse circulation rigs should also be brought in to collect further material from the two blows that have been sampled, as well as the shadow zone and the untested small kimberlite blow to the east.

Donald R. Brown

for

Casey Hetman
January 5, 1998

Distribution :

Toronto : 1 copy

Val-d'Or : 1 copy

Data Bank :: 1 copy

Ministry of Northern Development and Mines : 2 copies

KIMBERLY SAMPLE TREATMENT FLOWSHEET

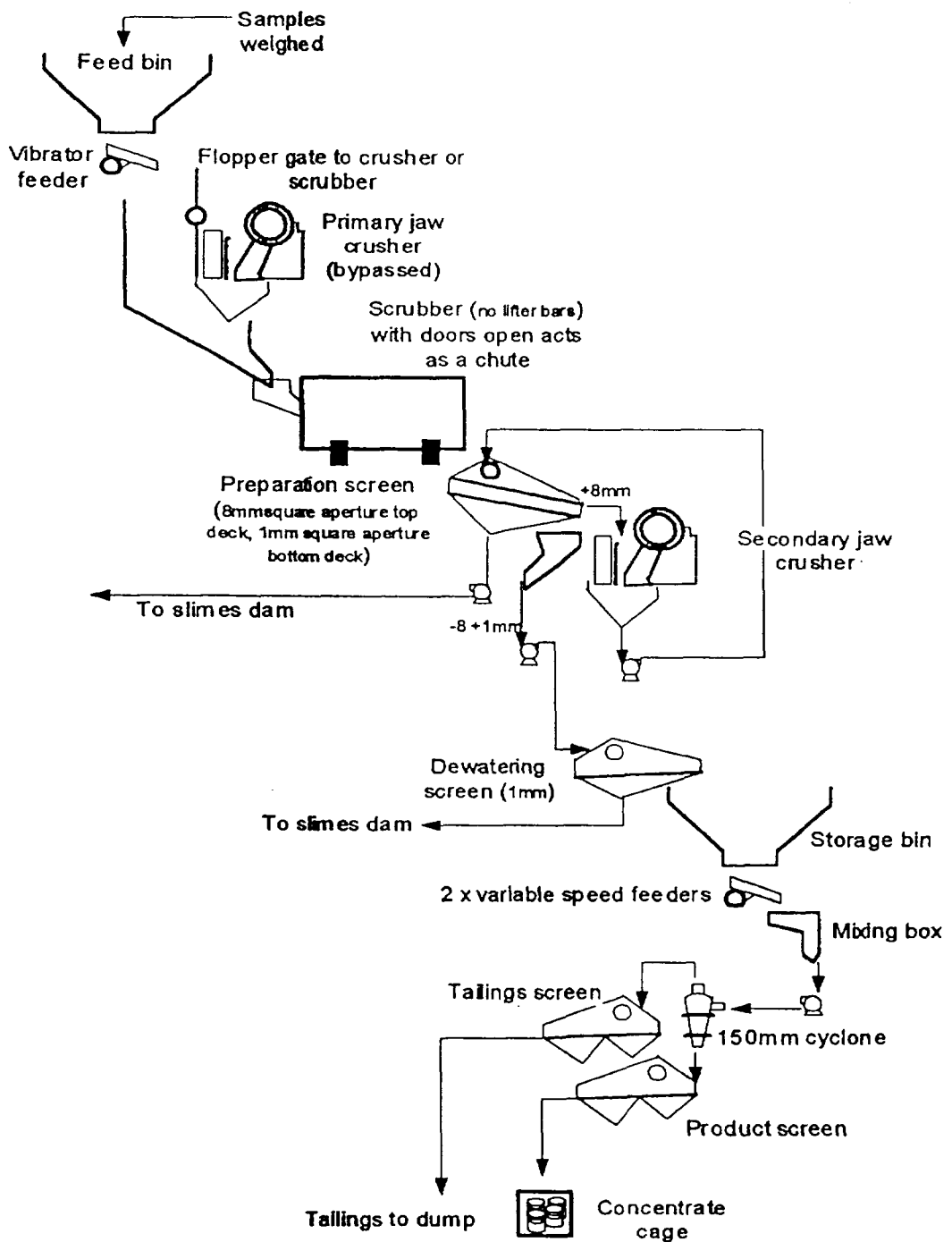


FIGURE 1.

RESULTS FROM THE VICTOR KIMBERLITE

SAMPLE	DRILL HOLE	INTERVAL (m)	TOTAL STONES*
DGA 001	V-01-97	8.4-37.5	2
DGA 002	V-01-97	37.5-64.5	0
DGA 003	V-02-97	9.0-34.5	2
DGA 004	V-02-97	34.5-63.0	11
DGA 005	V-03-97	13.5-39.0	0
DGA 006	V-03-97	39.0-82.5	2
DGA 007	V-04-97	10.5-36.0	2
DGA 008	V-04-97	36.0-61.5	1
DGA 009	V-06-97	12.9-43.5	3
DGA 010	V-06-97	43.5-75.0	0
DGA 011	V-07-97	13.2-37.5	2
DGA 012	V-08-97	7.8-56.1	4
DGA 013	V-10-97	8.4-41.4	2
DGA 014	V-11-97	6.9-38.4	14
DGA 015	V-12-97	15.9-49.5	9
DGA 016	V-12-97	49.5-76.5	5
DGA 017	V-13-97	16.5-49.5	0
DGA 018	V-13-97	49.5-79.5	1
DGA 019	V-14-97	12.0-51.0	7
DGA 020	V-14-97	51.0-86.1	3
DGA 021	V-15-97	13.5-33.0	0
DGA 022	V-20-97	9.0-41.7	0
DGA 023	V-21-97	9.0-38.1	4
DGA 024	V-21-97	38.1-68.4	8
DGA 025	V-22-97	7.5-34.5	3
DGA 026	V-23-97	13.5-46.5	0
DGA 027	V-23-97	46.5-87.0	0
DGA 028	V-24-97	12.0-43.5	1
DGA 029	V-24-97	43.5-70.5	0
DGA 030	V-25-97	12.0-43.5	1
DGA 031	V-25-97	43.5-75.0	4
DGA 032	V-27-97	13.5-51.0	5
TOTAL STONES			96

***STONES ARE MACRODIAMONDS GREATER THAN 1.0MM**

TABLE 1.

**ATTAWAPISKAT DRILLING EXPENSES 1997
THE VICTOR KIMBERLITE**

Geologists	\$29,991.92
Part time help	\$16,925.61
Field office equipment	\$4,220.90
Travel expenses	\$5,422.20
Vehicle costs	\$755.39
Helicopter	\$97,543.35
Fixed wing aircraft	\$77,391.40
Freight storage and handling	\$45,762.23
Field supplies	\$24,420.94
Field accommodation	\$1,193.41
Drill contractor	\$20,144.63
Geophysics contractor	\$12,961.14
Sample processing	\$8,023.28
Diamond sorting	\$24,865.00
<i>total</i>	\$369,621.41

TABLE 2.

REFERENCES

Martini, I.P. 1988. The Hudson Bay Lowland: major geologic features and assets: *Geologie en Mijnbouw*, Volume 68, p. 25-34.

Norris, A.W. and Sanford, B.V. 1968. Paleozoic and Mesozoic Geology of the Hudson Bay Lowlands. *In* Hood, P.J. ed., *Earth Science Symposium on Hudson Bay*, Geological Survey of Canada, Paper 68-53.

Scott-Smith, B.H. 1995. *Geology and Sampling of the Attawapiskat Kimberlites, Ontario*. Monopros Limited, Internal Report.

Suchy, D.R. and Stearn, C.W. 1993. Lower Silurian reefs and post-reef beds of the Attawapiskat Formation, Hudson Bay Platform, northern Ontario. *Canadian Journal*.

APPENDIX A
DRILL LOGS AND SECTIONS

MONOPROS LIMITED

DRILL LOG

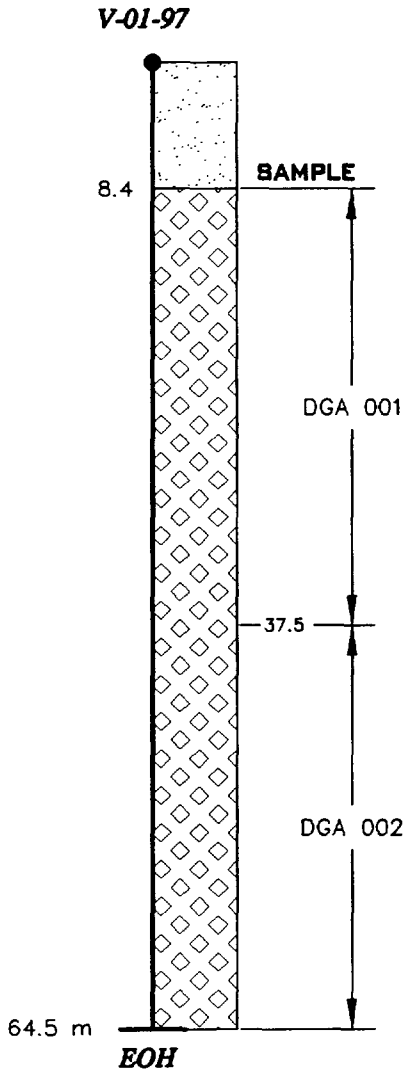
AREA :ATTAWAPISKAT	HOLE # :V-01-97
NTS Sheet :43B/13	GRID :L200W+400S
CLAIM :P1052175	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : NA Bearing : NA
Logged By :C HETMAN	Started :2-MAR-97
Date :2-MAR-97	Completed :2-MAR-97
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-8.4	OVERBURDEN:Clay rich till with some carbonate clasts.
8.4-64.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate xenoliths.
64.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-01-97*
 Angle of hole: -90°
 Position on grid: *L200W+400S*
 Length of hole: *64.5 m*
 Claim number: *P1052175*
 Diameter of bit: *123.8 mm*

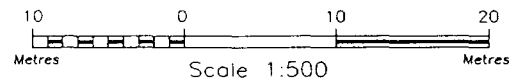
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V0197DH
			DATE: 11/03/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

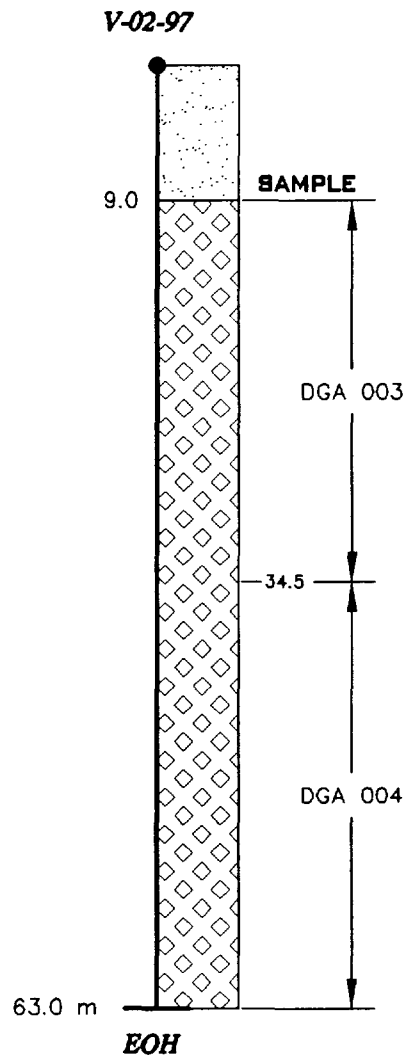
AREA :ATTAWAPISKAT	HOLE # :V-02-97
NTS Sheet :43B/13	GRID :L200W+480S
CLAIM :P1052180	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :3-MAR-97
Date :3-MAR-97	Completed 3-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION



0-9.0	OVERBURDEN: Clay rich till with some carbonate clasts
9.0-63.0	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
63.0	END OF HOLE

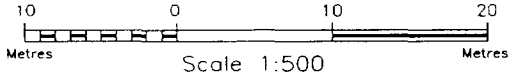
DRILL HOLE SECTION



Hole number: *V-02-97*
 Angle of hole: -90°
 Position on grid: *L200W+480S*
 Length of hole: *63.0 m*
 Claim number: *P1052180*
 Diameter of bit: *123.8 mm*

LEGEND

	OVERBURDEN
	KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

<small>REVISION:</small> Date	<small>By</small>	<small>AUTHOR:</small>	<small>SCALE:</small> 1:500
		<small>DRAWN:</small> A. Latendresse	<small>FILE:</small> V0297DH
		<small>DATE:</small> 11/05/97	<small>N.T.S.</small> 43B/13

MONOPROS LIMITED

DRILL LOG

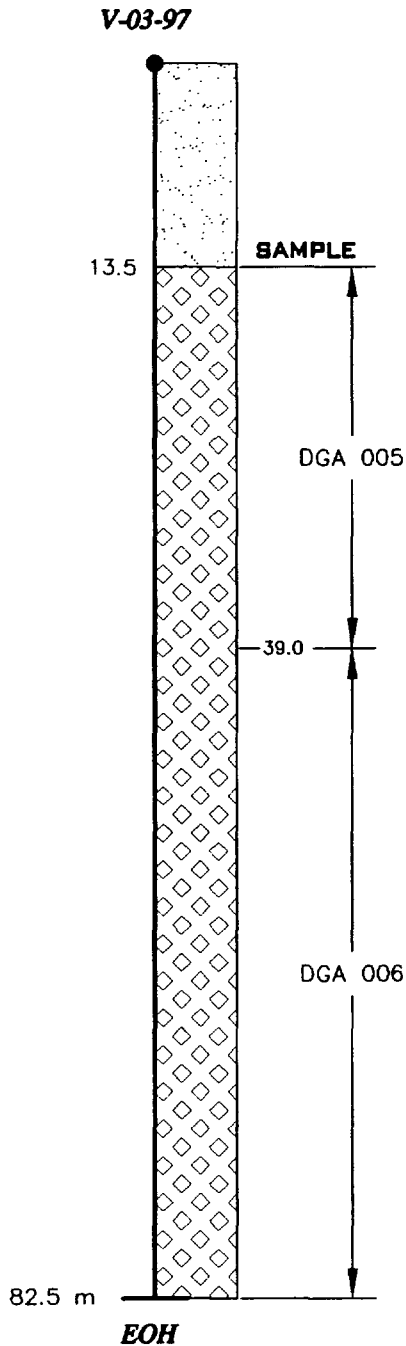
AREA :ATTAWAPISKAT	HOLE # :V-03-97
NTS Sheet :43B/13	GRID :L150W+420S
CLAIM :P1052180	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :1-MAR-97
Date :1-MAR-97	Completed 1-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-13.5	OVERBURDEN: Clay rich till with some carbonate clasts
13.5-82.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
82.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-03-97*
 Angle of hole: -90°
 Position on grid: *L150W+420S*
 Length of hole: *82.5 m*
 Claim number: *P1052180*
 Diameter of bit: *123.8 mm*

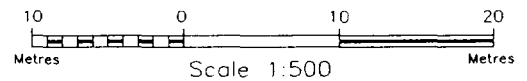
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION:	DATE:	DESCRIPTION:	BY:	AUTHOR:	SCALE:
					1:500
				DRAWN:	FILE:
				A. Lotendresse	V0397DH
				DATE:	N.T.S.
				11/05/97	43B/13

MONOPROS LIMITED

DRILL LOG

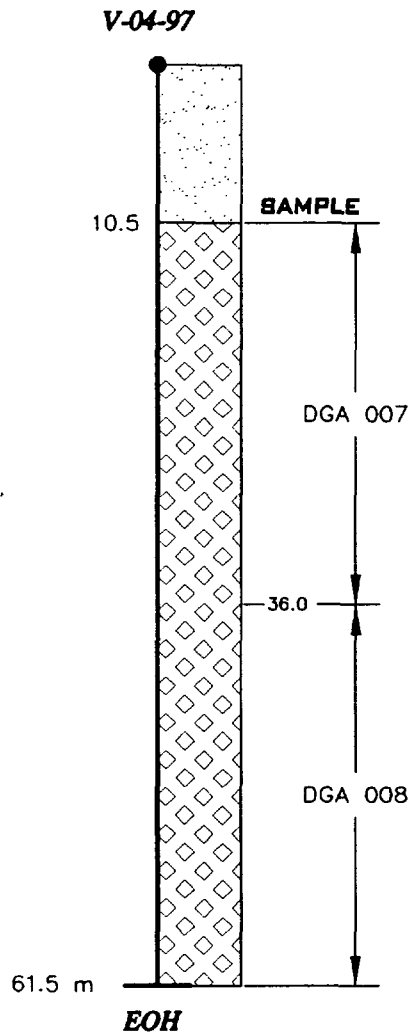
AREA :ATTAWAPISKAT	HOLE # :V-04-97
NTS Sheet :43B/13	GRID :L100W+470S
CLAIM :P1052180	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :4-MAR-97
Date :4-MAR-97	Completed 4-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-10.5	OVERBURDEN: Clay rich till with some carbonate clasts
10.5-61.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
61.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-04-97*
 Angle of hole: -90°
 Position on grid: *L100W+470S*
 Length of hole: *61.5 m*
 Claim number: *P1052180*
 Diameter of bit: *123.8 mm*

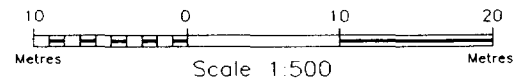
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	by	AUTHOR:	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V0497DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

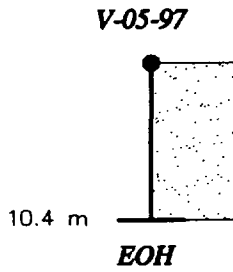
AREA :ATTAWAPISKAT	HOLE # :V-05-97
NTS Sheet :43B/13	GRID :L050W+360S
CLAIM :P1052175	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :28-FEB-97
Date :28-FEB-97	Completed 28-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-10.4	OVERBURDEN: Clay rich till with some carbonate clasts
10.4	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-05-97*
 Angle of hole: -90°
 Position on grid: *L50W+360S*
 Length of hole: *10.4 m*
 Claim number: *P1052175*
 Diameter of bit: *123.8 mm*

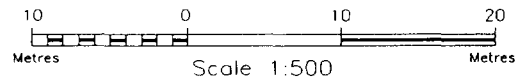
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE:
				1:500
			DRAWN: A. Latendresse	FILE: V0597DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

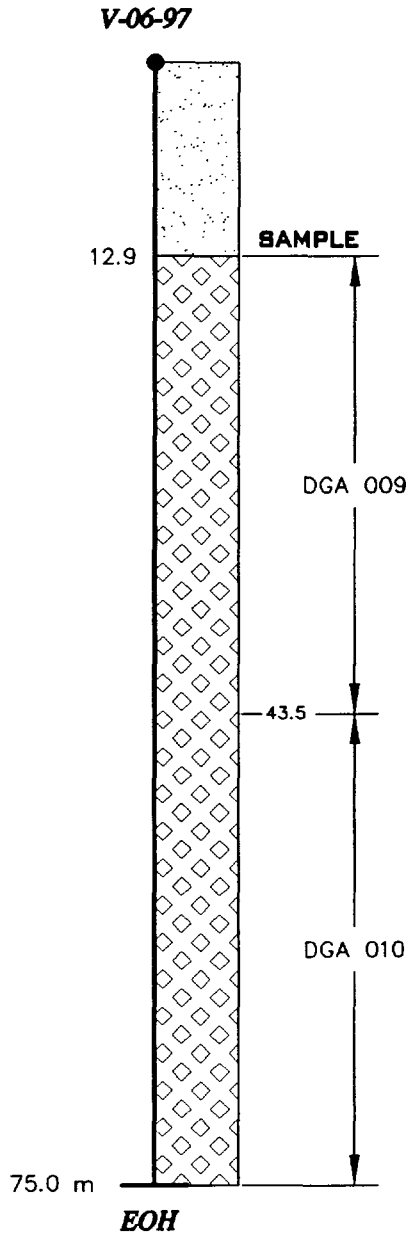
AREA :ATTAWAPISKAT	HOLE # :V-06-97
NTS Sheet :43B/13	GRID :L150W+360S
CLAIM :P1052175	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :28-FEB-97
Date :28-FEB-97	Completed 28-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-12.9	OVERBURDEN: Clay rich till with some carbonate clasts
12.9-75.0	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
75.0	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-06-97*
 Angle of hole: -90°
 Position on grid: *L150W+360S*
 Length of hole: *75.0 m*
 Claim number: *P1052175*
 Diameter of bit: *123.8 mm*

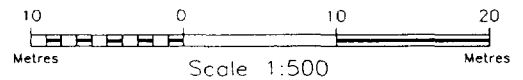
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	BY	AUTHOR:	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V0697DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

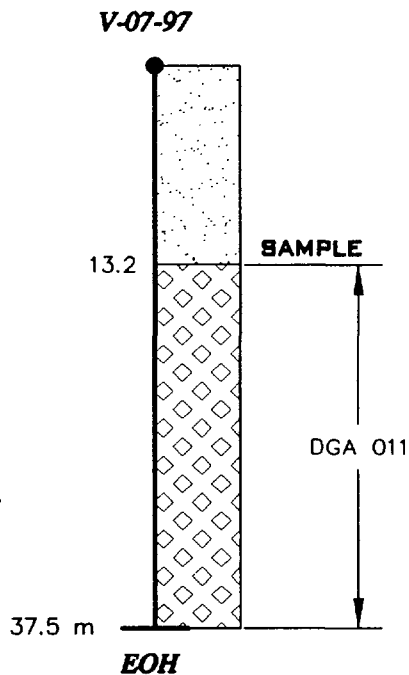
AREA :ATTAWAPISKAT	HOLE # :V-07-97
NTS Sheet :43B/13	GRID :L0+400S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :27-FEB-97
Date :27-FEB-97	Completed 27-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-13.2	OVERBURDEN: Clay rich till with some carbonate clasts
13.2-37.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
37.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-07-97*
 Angle of hole: -90°
 Position on grid: *L0+400S*
 Length of hole: *37.5 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

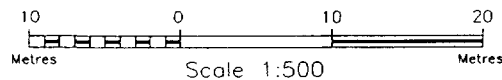
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION:	By	AUTHOR:	SCALE:
Date	Description		1:500
		DRAWN:	FILE:
		A. Latendresse	V0797DH
		DATE:	N.T.S.
		11/05/97	43B/13

MONOPROS LIMITED

DRILL LOG

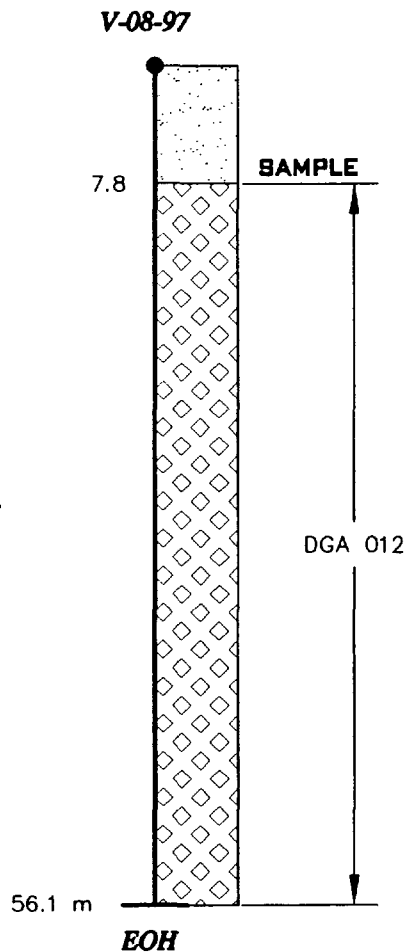
AREA :ATTAWAPISKAT	HOLE # :V-08-97
NTS Sheet :43B/13	GRID :L100E+230S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :24-FEB-97
Date :24-FEB-97	Completed 24-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-7.8	OVERBURDEN: Clay rich till with some carbonate clasts
7.8-56.1	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
56.1	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-08-97*
 Angle of hole: -90°
 Position on grid: *L100E+230S*
 Length of hole: *56.1 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

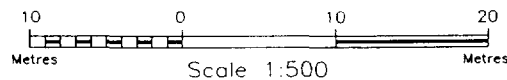
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V0897DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

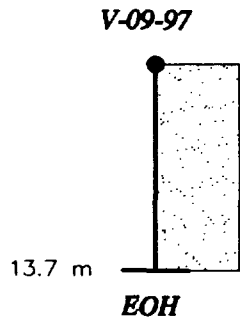
AREA :ATTAWAPISKAT	HOLE # :V-09-97
NTS Sheet :43B/13	GRID :L050E+225S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :24-FEB-97
Date :24-FEB-97	Completed 24-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-13.7	OVERBURDEN: Clay rich till with some carbonate clasts
13.7	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-09-97*
 Angle of hole: -90°
 Position on grid: *L50E+225S*
 Length of hole: *13.7 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

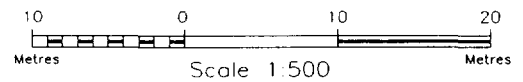
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE: 1:500
			DRAWN: A. Lotendresse	FILE: V0997DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

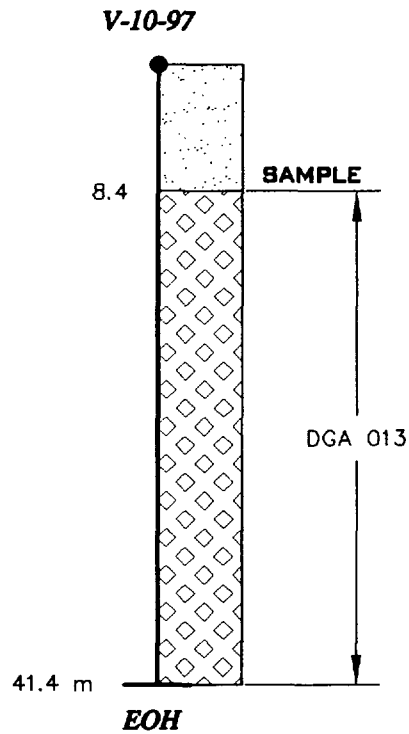
AREA :ATTAWAPISKAT	HOLE # :V-10-97
NTS Sheet :43B/13	GRID :L050E+325S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :25-FEB-97
Date :25-FEB-97	Completed 25-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-8.4	OVERBURDEN: Clay rich till with some carbonate clasts
8.4-41.4	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
41.4	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-10-97*
 Angle of hole: -90°
 Position on grid: *L50E+325S*
 Length of hole: *41.4 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

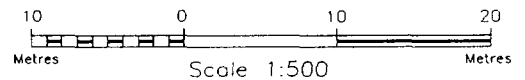
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	by	AUTHOR:	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V1097DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

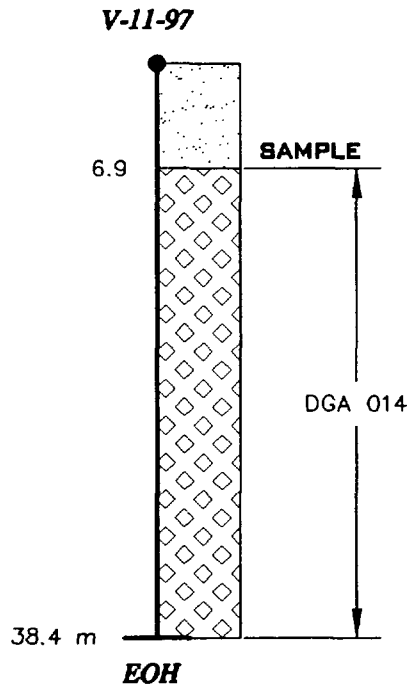
AREA :ATTAWAPISKAT	HOLE # :V-11-97
NTS Sheet :43B/13	GRID :L150E+400S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :26-FEB-97
Date :26-FEB-97	Completed 26-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-6.9	OVERBURDEN: Clay rich till with some carbonate clasts
6.9-38.4	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
38.4	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-11-97*
 Angle of hole: -90°
 Position on grid: *L150E+400S*
 Length of hole: *38.4 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

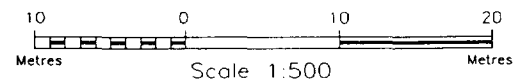
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	AUTHOR:	SCALE: 1:500
		DRAWN: A. Latendresse	FILE: V1197DH
		DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

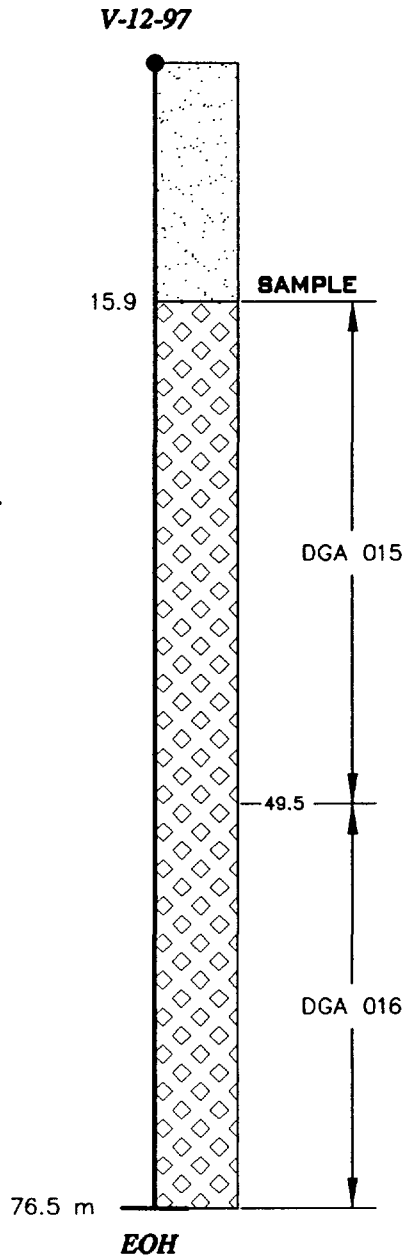
AREA :ATTAWAPISKAT	HOLE # :V-12-97
NTS Sheet :43B/13	GRID :L150E+275S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :26-FEB-97
Date :26-FEB-97	Completed 26-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-15.9	OVERBURDEN: Clay rich till with some carbonate clasts
15.9-76.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
76.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-12-97*
 Angle of hole: -90°
 Position on grid: *L150E+275S*
 Length of hole: *76.5 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

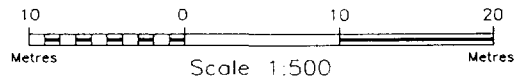
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION Date	Description	By	AUTHOR	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V1297DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

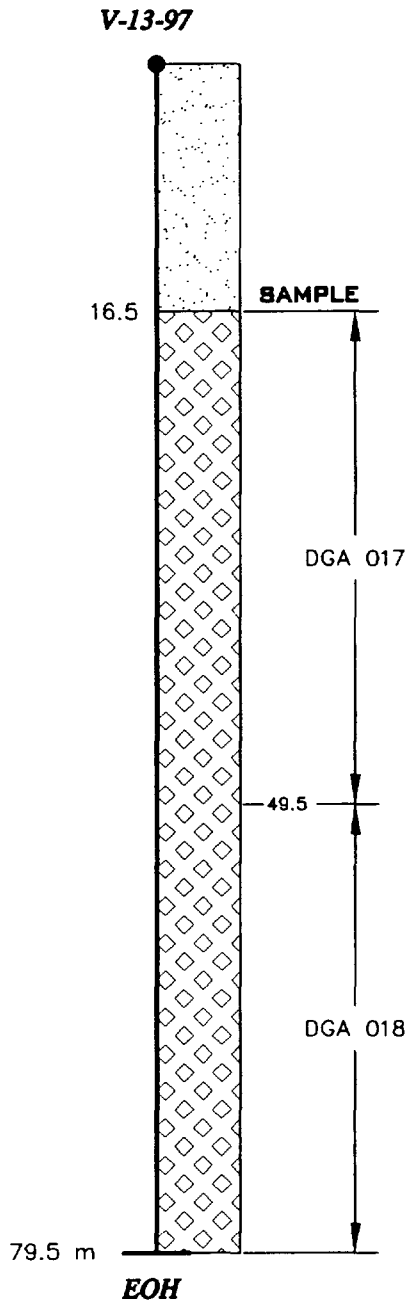
AREA :ATTAWAPISKAT	HOLE # :V-13-97
NTS Sheet :43B/13	GRID :L100E+125S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :26-FEB-97
Date :26-FEB-97	Completed 26-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-16.5	OVERBURDEN: Clay rich till with some carbonate clasts
16.5-79.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
79.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-13-97*
 Angle of hole: -90°
 Position on grid: *L100E+125S*
 Length of hole: *79.5 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

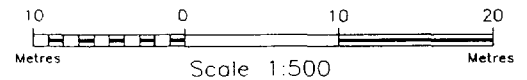
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION:	Description	By	AUTHOR:	SCALE:
				1:500
			DRAWN:	FILE:
			A. Latendresse	V1397DH
			DATE:	N.T.S.
			11/05/97	43B/13

MONOPROS LIMITED

DRILL LOG

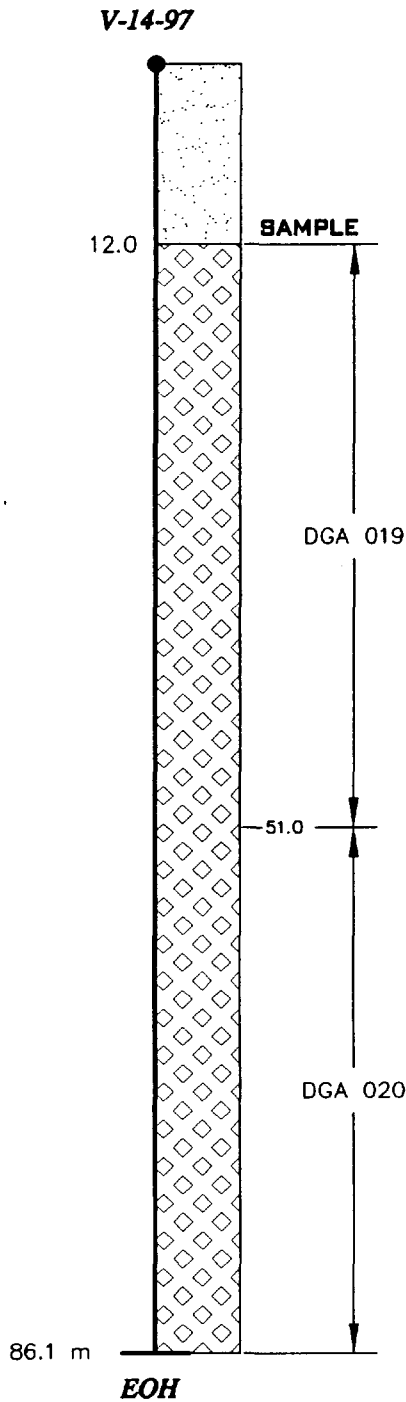
AREA :ATTAWAPISKAT	HOLE # :V-14-97
NTS Sheet :43B/13	GRID :L200E+360S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :28-FEB-97
Date :28-FEB-97	Completed 28-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-12.0	OVERBURDEN: Clay rich till with some carbonate clasts
12.0-86.1	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
86.1	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-14-97*
 Angle of hole: -90°
 Position on grid: *L200E+360S*
 Length of hole: *86.1 m*
 Claim number: *P1052176*
 Diameter of bit: *114.3 mm*

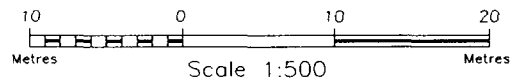
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V1497DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

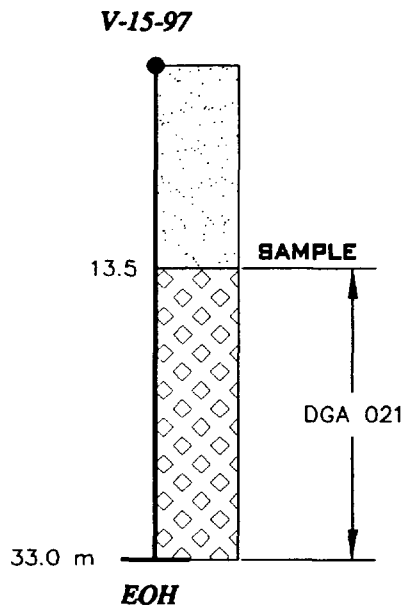
AREA :ATTAWAPISKAT	HOLE # :V-15-97
NTS Sheet :43B/13	GRID :L200E+200S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :27-FEB-97
Date :27-FEB-97	Completed 27-FEB-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-13.5	OVERBURDEN: Clay rich till with some carbonate clasts
13.5-33.0	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
33.0	END HOLE

DRILL HOLE SECTION



Hole number: *V-15-97*
 Angle of hole: -90°
 Position on grid: *L200E+200S*
 Length of hole: *33.0 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

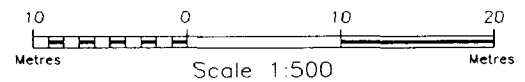
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	AUTHOR:	SCALE: 1:500
		DRAWN: A. Lotendresse	FILE: V1597DH
		DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

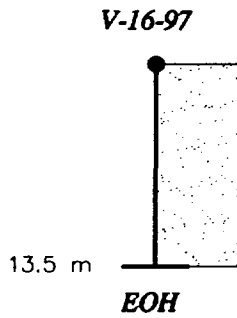
AREA :ATTAWAPISKAT	HOLE # :V-16-97
NTS Sheet :43B/13	GRID :L100W+362.5S
CLAIM :P1052175	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :5-MAR-97
Date :5-MAR-97	Completed :5-MAR-97
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-13.5	OVERBURDEN: Clay rich till with some carbonate clasts
13.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-16-97*
 Angle of hole: -90°
 Position on grid: *L100W+362.5S*
 Length of hole: *13.5 m*
 Claim number: *P1052175*
 Diameter of bit: *123.8 mm*

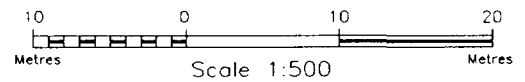
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION:	AUTHOR:	SCALE:
Date		1:500
Description		FILE:
By		V1697DH
	DATE:	N.T.S.
	11/05/97	43B/13

MONOPROS LIMITED

DRILL LOG

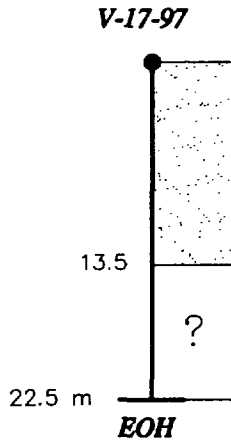
AREA :ATTAWAPISKAT	HOLE # :V-17-97
NTS Sheet :43B/13	GRID :L100W+412.5S
CLAIM :P1052175	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :5-MAR-97
Date :5-MAR-97	Completed :5-MAR-97
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-13.5	OVERBURDEN: Clay rich till with some carbonate clasts
13.5-22.5	NO RECOVERY
22.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-17-97*
 Angle of hole: -90°
 Position on grid: *L100W+412.5S*
 Length of hole: *22.5 m*
 Claim number: *P1052175*
 Diameter of bit: *123.8 mm*

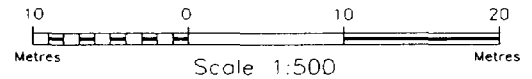
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION:	By:	AUTHOR:	SCALE:
Date	Description		1:500
		DRAWN:	FILE:
		A. Latendresse	V1797DH
		DATE:	N.T.S.
		11/05/97	43B/13

MONOPROS LIMITED

DRILL LOG

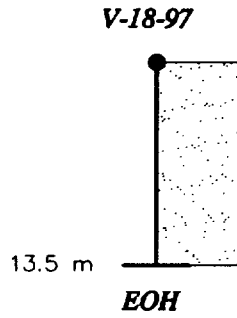
AREA :ATTAWAPISKAT	HOLE # :V-18-97
NTS Sheet :43B/13	GRID :L050W+412.5S
CLAIM :P1052175	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :4-MAR-97
Date :4-MAR-97	Completed :4-MAR-97
Storage Location :VAL D'OR	

Depth.(m)

DESCRIPTION

0-13.5	OVERBURDEN: Clay rich till with some carbonate clasts
13.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-18-97*
 Angle of hole: -90°
 Position on grid: *L50W+412.5S*
 Length of hole: *13.5 m*
 Claim number: *P1052175*
 Diameter of bit: *123.8 mm*

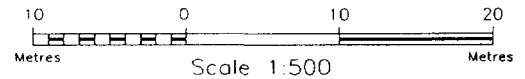
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION:	DATE:	DESCRIPTION:	BY:	AUTHOR:	SCALE:
					1:500
				DRAWN:	FILE:
				A. Latendresse	V1897DH
				DATE:	N.T.S.
				11/05/97	43B/13

MONOPROS LIMITED

DRILL LOG

AREA :ATTAWAPISKAT	HOLE # :V-19-97
NTS Sheet :43B/13	GRID :
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :	Started :
Date :	Completed
Storage Location :	

Depth (m)

DESCRIPTION

	This drill hole was proposed, but not drilled.
--	--

MONOPROS LIMITED

DRILL LOG

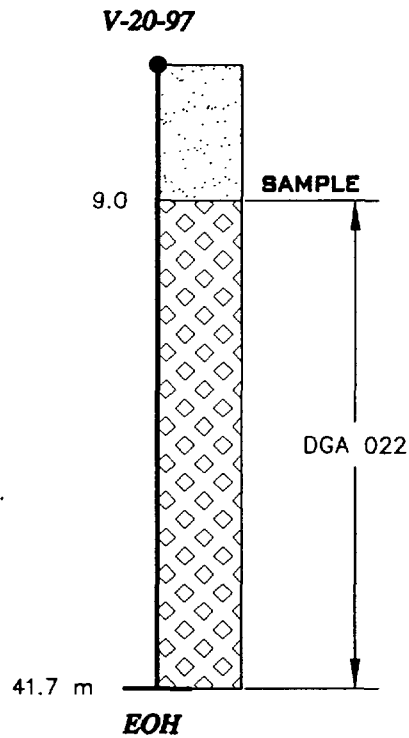
AREA :ATTAWAPISKAT	HOLE # :V-20-97
NTS Sheet :43B/13	GRID :L100E+175S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :3-MAR-97
Date :3-MAR-97	Completed 3-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-9.0	OVERBURDEN: Clay rich till with some carbonate clasts
9.0-41.7	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
41.7	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-20-97*
 Angle of hole: -90°
 Position on grid: *L100E+175S*
 Length of hole: *41.7 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

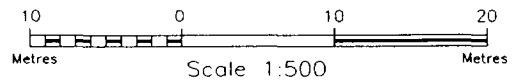
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE: 1:500
			DRAWN: A. Lotendresse	FILE: V2097DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

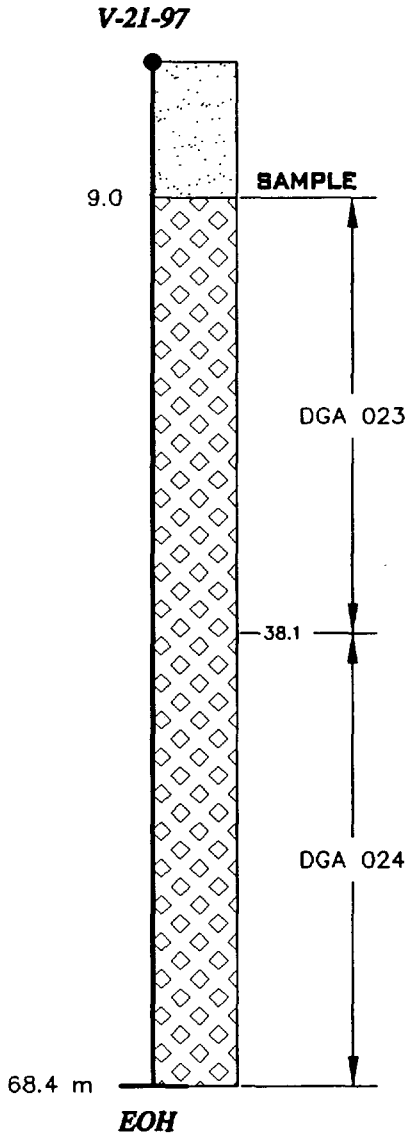
AREA :ATTAWAPISKAT	HOLE # :V-21-97
NTS Sheet :43B/13	GRID :L100E+275S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :4-MAR-97
Date :4-MAR-97	Completed 4-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-9.0	OVERBURDEN: Clay rich till with some carbonate clasts
9.0-68.4	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
68.4	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-21-97*
 Angle of hole: -90°
 Position on grid: *L100E+275S*
 Length of hole: *68.4 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

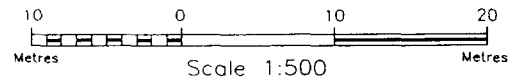
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION Date	Description	By	AUTHOR:	SCALE: 1:500
			DRAWN: A. Lotendresse	FILE: V2197DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

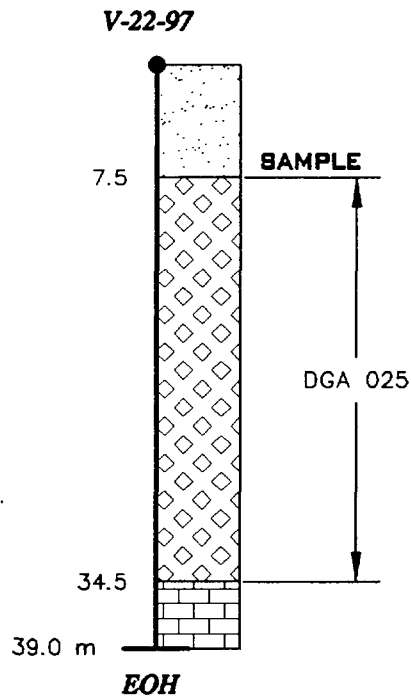
AREA :ATTAWAPISKAT	HOLE # :V-22-97
NTS Sheet :43B/13	GRID :L100E+350S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :4-MAR-97
Date :4-MAR-97	Completed 4-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION




0-7.5	OVERBURDEN: Clay rich till with some carbonate clasts
7.5-34.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
34.5-39.0	LIMESTONE
39.0	END OF HOLE

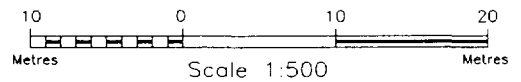
DRILL HOLE SECTION



Hole number: *V-22-97*
 Angle of hole: -90°
 Position on grid: *L100E+350S*
 Length of hole: *39.0 m*
 Claim number: *P1052176*
 Diameter of bit: *114.3 mm*

LEGEND

	OVERBURDEN
	KIMBERLITE
	LIMESTONE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V2297DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

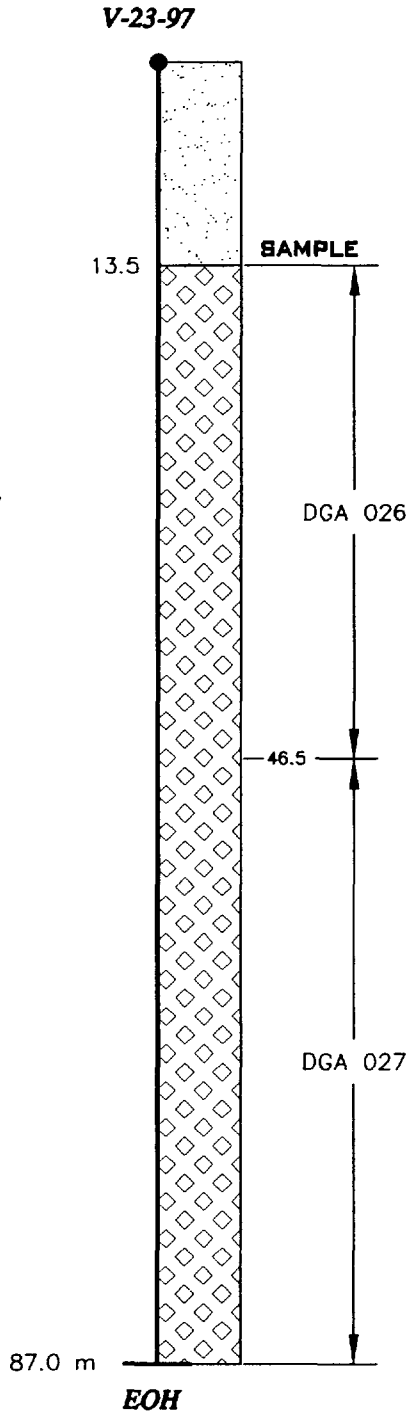
AREA :ATTAWAPISKAT	HOLE # :V-23-97
NTS Sheet :43B/13	GRID :L150E+075S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :1-MAR-97
Date :1-MAR-97	Completed 1-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-13.5	OVERBURDEN: Clay rich till with some carbonate clasts
13.5-87.0	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
87.0	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-23-97*
 Angle of hole: -90°
 Position on grid: *L100E+75S*
 Length of hole: *87.0 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

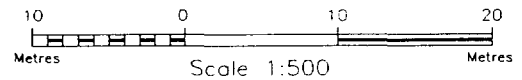
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION:	DESCRIPTION:	BY:	AUTHOR:	SCALE:
				1:500
			DRAWN:	FILE:
			A. Latendresse	V2397DH
			DATE:	N.T.S.
			11/05/97	43B/13

MONOPROS LIMITED

DRILL LOG

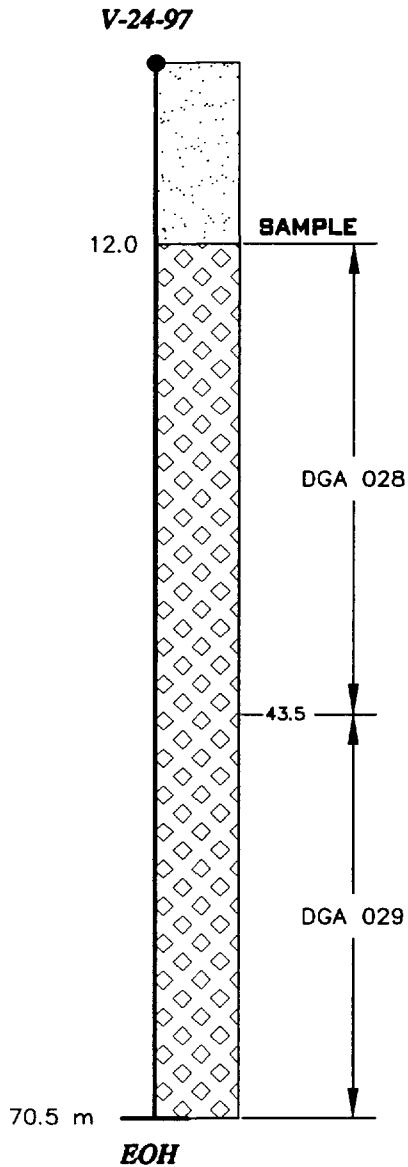
AREA :ATTAWAPISKAT	HOLE # :V-24-97
NTS Sheet :43B/13	GRID :L150E+150S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :2-MAR-97
Date :2-MAR-97	Completed 2-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-12.0	OVERBURDEN: Clay rich till with some carbonate clasts
12.0-70.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
70.5	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-24-97*
 Angle of hole: -90°
 Position on grid: *L150E+150S*
 Length of hole: *70.5 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

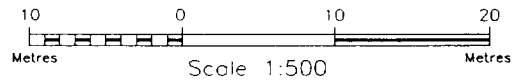
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION:	Description	By	AUTHOR:	SCALE:
				1:500
			DRAWN:	FILE:
			A. Lotendresse	V2497DH
			DATE:	N.T.S.
			11/05/97	43B/13

MONOPROS LIMITED

DRILL LOG

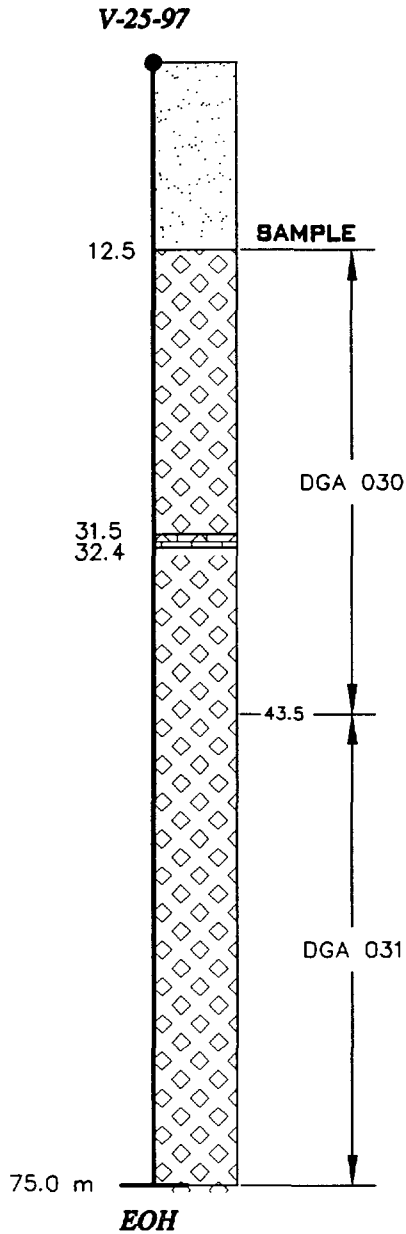
AREA :ATTAWAPISKAT	HOLE # :V-25-97
NTS Sheet :43B/13	GRID :L150E+325S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :5-MAR-97
Date :5-MAR-97	Completed 5-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-12.0	OVERBURDEN: Clay rich till with some carbonate clasts
12.0-31.5	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
31.5-32.4	LIMESTONE
32.4-75.0	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
75.0	END OF HOLE

DRILL HOLE SECTION



Hole number: V-25-97
 Angle of hole: -90°
 Position on grid: L150E+325S
 Length of hole: 75.0 m
 Claim number: P1052176
 Diameter of bit: 114.3 mm

LEGEND



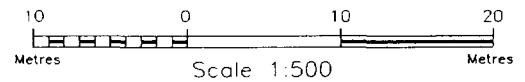
OVERBURDEN



KIMBERLITE



LIMESTONE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE: 1:500
			DRAWN: A. Latendresse	FILE: V2597DH
			DATE: 11/05/97	N.T.S. 43B/13

MONOPROS LIMITED

DRILL LOG

AREA :ATTAWAPISKAT	HOLE # :V-26-97
NTS Sheet :43B/13	GRID :
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :	Started :
Date :	Completed
Storage Location :	

Depth (m)

DESCRIPTION

	This drill hole was proposed, but not drilled.
--	--

MONOPROS LIMITED

DRILL LOG

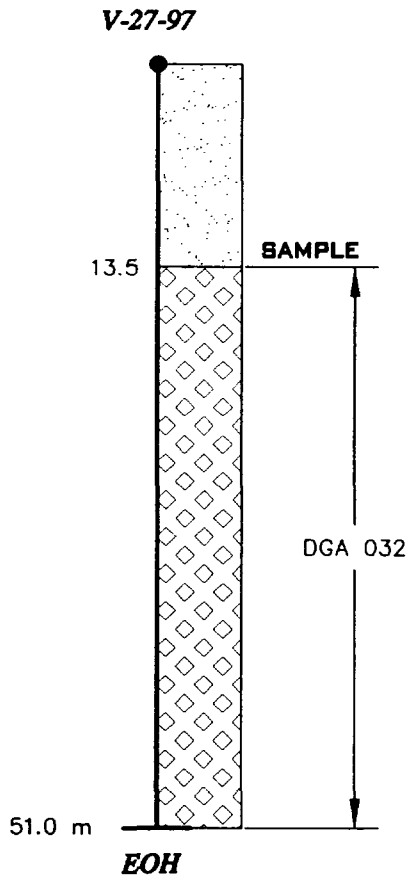
AREA :ATTAWAPISKAT	HOLE # :V-27-97
NTS Sheet :43B/13	GRID :L200E+275S
CLAIM :P1052176	COORDS :
Contractor :BOART-LONGYEAR	ANGLE :-90
Drill Type :REVERSE CIRCULATION	Core : Bearing : -
Logged By :C HETMAN	Started :1-MAR-97
Date :1-MAR-97	Completed 1-MAR-97:
Storage Location :VAL D'OR	

Depth (m)

DESCRIPTION

0-13.5	OVERBURDEN: Clay rich till with some carbonate clasts
13.5-51.0	KIMBERLITE: Hypabyssal uniformly textured macrocrystic kimberlite with some carbonate clasts.
51.0	END OF HOLE

DRILL HOLE SECTION



Hole number: *V-27-97*
 Angle of hole: -90°
 Position on grid: *L200E+275S*
 Length of hole: *51.0 m*
 Claim number: *P1052176*
 Diameter of bit: *123.8 mm*

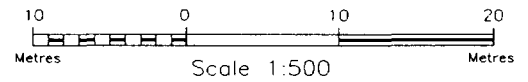
LEGEND



OVERBURDEN



KIMBERLITE



MONOPROS LIMITED

DRILLING 1997
 ATTAWAPISKAT RIVER AREA

VICTOR KIMBERLITE

REVISION: Date	Description	By	AUTHOR:	SCALE:
				1:500
			DRAWN: A. Latendresse	FILE: V2797DH
			DATE: 11/05/97	N.T.S. 43B/13

APPENDIX B

MAPS



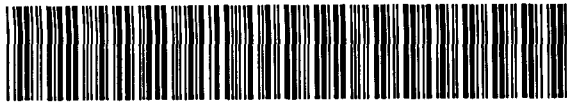
Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

VICTOR

Transaction Number (office use) <i>W9860.00085</i>
Assessment Files Research Imaging



43B13SW2003 2.18142 527834

900

of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Act, you are required to review the assessment work and correspond with the mining land holder. Contact the Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 100 King Street West, Toronto, Ontario M5X 1C2.

2.18142

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name <i>MONOPROS LIMITED</i>	Client Number
Address <i>10 BAY STREET, SUITE 1510</i>	Telephone Number <i>(416) 363-2665</i>
<i>TORONTO ONTARIO M5J 2R8</i>	Fax Number <i>(416) 363-4278</i>
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

- Geotechnical: prospecting, surveys, assays and work under section 18
 RECEIVED Drilling, stripping, trenching and associated assays
 Rehabilitation

Work Type	<div style="border: 2px solid black; padding: 5px; text-align: center;"> RECEIVED FEB 04 1998 GEOSCIENCE ASSESSMENT OFFICE </div>	Office Use
Dates Work Performed From <i>15 01 97</i> To <i>31 03 97</i>		Commodity
Global Positioning System Data (if available)	Township/Area	Total \$ Value of Work Claimed <i>369,621</i>
M or G-Plan Number <i>G-253</i>	NTS Reference	Mining Division <i>Proquiere</i>
	Resident Geologist District <i>Timmins</i>	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <i>MONOPROS LIMITED</i>	Telephone Number <i>(819) 824-2444</i>
Address <i>185, DES DISTRIBUTEURS, VAL-D'OR QC J9P 6Y1</i>	Fax Number <i>(819) 824-2466</i>
Name <i>CASEY HETMAN</i>	Telephone Number <i>(819) 824-2444</i>
Address <i>185, DES DISTRIBUTEURS, VAL-D'OR QC J9P 6Y1</i>	Fax Number <i>(819) 824-2466</i>
	Telephone Number
	Fax Number

4. Certification by Recorded Holder or Agent

Dated May 05/98

I, JONATHAN ANTHONY FOWLER, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Jonathan A. Fowler</i>	Date <i>3 February 1998</i>
Agent's Address	Telephone Number
	Fax Number

Revised

W9866.00085

5. Work to be recorded and distributed. Work that is performed on Crown Lands that are subsequently staked as a mining claim, can be claimed at 100% of its value (state this amount in column "a" below). If work is performed on Crown lands and not enclosed within a subsequently recorded claim, it can be claimed at 25% of its value (state this amount in column "b" below). Work can only be assigned to claims that are contiguous to (adjoining) the lands where work was performed at the time work was performed. A map showing the contiguous link must accompany this form.

Mining Claim Number	No. of Claim Units	Value of work performed before recording a mining claim		Value of work applied to this claim	Value of work assigned to other mining claims	Bank Value of work to be distributed at a later date
		(a) Work now within a claim. Show 100% of cost	(b) Work on adjacent Crown lands. Show 25% of cost			
122687	4	3000	575	1400	800	5305
16 P1052181		0		2,400	0	0
1 P1052166		0		2,400	0	0
2 P1052167		0		2,400	0	0
3 P1052168		0		2,400	0	0
4 P1052169		0		2,400	0	0
5 P1052170		0		2,400	0	0
6 P1052171		0		400	0	0
7 P1052172		0		400	0	0
8 P1052173		0		2,400	0	0
9 P1052174		0		2,400	0	0
10 P1052175		59,139		400	2,400	56,339
11 P1052176		236,558		4,00	14,000	222,158
12 P1052177		0		400	0	0
13 P1052178		0		400	0	0
14 P1052179		0		400	0	0
15 P1052180		73,924		400	4,800	68,724
Column Totals		369,621		22,400	21,200	347,221

I, Jonathan Anthony Fowler, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Applicant/Holder of Right/Authorised in Writing: Jonathan A. Fowler Date: 9 February 1998

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECEIVED
 FEB 10 1998
2:04p
 GEOSCIENCE ASSESSMENT
 OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

(see page)

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	



Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W9860.00085

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/98. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
CAMP SET UP + GEOPHYSICS + LINE CUTTING	23.1 km.	561.09 [¢] /km	12,961.14
DRILLING	1,301.2 m.	15.48 [¢] /m.	20,144.63
GEOLOGISTS	2		29,999.92
PART TIME HELP	2		16,925.61
ANALYSES	32 SAMPLES	1,027.76 [¢] /SAMPLE	32,888.28
Associated Costs (e.g. supplies, mobilization and demobilization).			
FIELD SUPPLIES			24,420.94
FREIGHT STORAGE + HANDLING			45,762.23
VEHICLE COSTS			755.39
TRAVEL EXPENSES			5,422.20
FIELD OFFICE EQUIPMENT			4,220.90
Transportation Costs			
FIXED WING (TWINOTER + TURBO BEAVER)			77,391.40
HELICOPTER (BELL 204)			97,543.35
Food and Lodging Costs			1,193.41
Total Value of Assessment Work			369,621.41

RECEIVED
 FEB 04 1998
 GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, JONATHAN ANTHONY FOWLER, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as AGENT "SENIOR VICE PRESIDENT" I am authorized to make this certification.
(please print full name)
(recorded holder, agent, or slate company position with signing authority)

Signature: Jonathan A. Fowler Date: 3 February 1998

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



May 6, 1998

Jonathon Anthony Fowler
MONOPROS LIMITED
WATERPARK PLACE, 1510-10 BAY STREET
TORONTO, Ontario
M5J-2R8

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5881

Dear Sir or Madam:

Submission Number: 2.18142

Status

Subject: Transaction Number(s): W9860.00085 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Blair Kite".

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.18142

Date Correspondence Sent: May 06, 1998

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00085	1052170		Deemed Approval	May 05, 1998

Assessment work credit has been redistributed, as outlined on the attached Distribution of Assessment Work Credit sheet, to better reflect the location of the work.

Correspondence to:

Resident Geologist
South Porcupine, ON

Recorded Holder(s) and/or Agent(s):

Jonathon Anthony Fowler
MONOPROS LIMITED
TORONTO, Ontario

Assessment Files Library
Sudbury, ON

Distribution of Assessment Work Credit

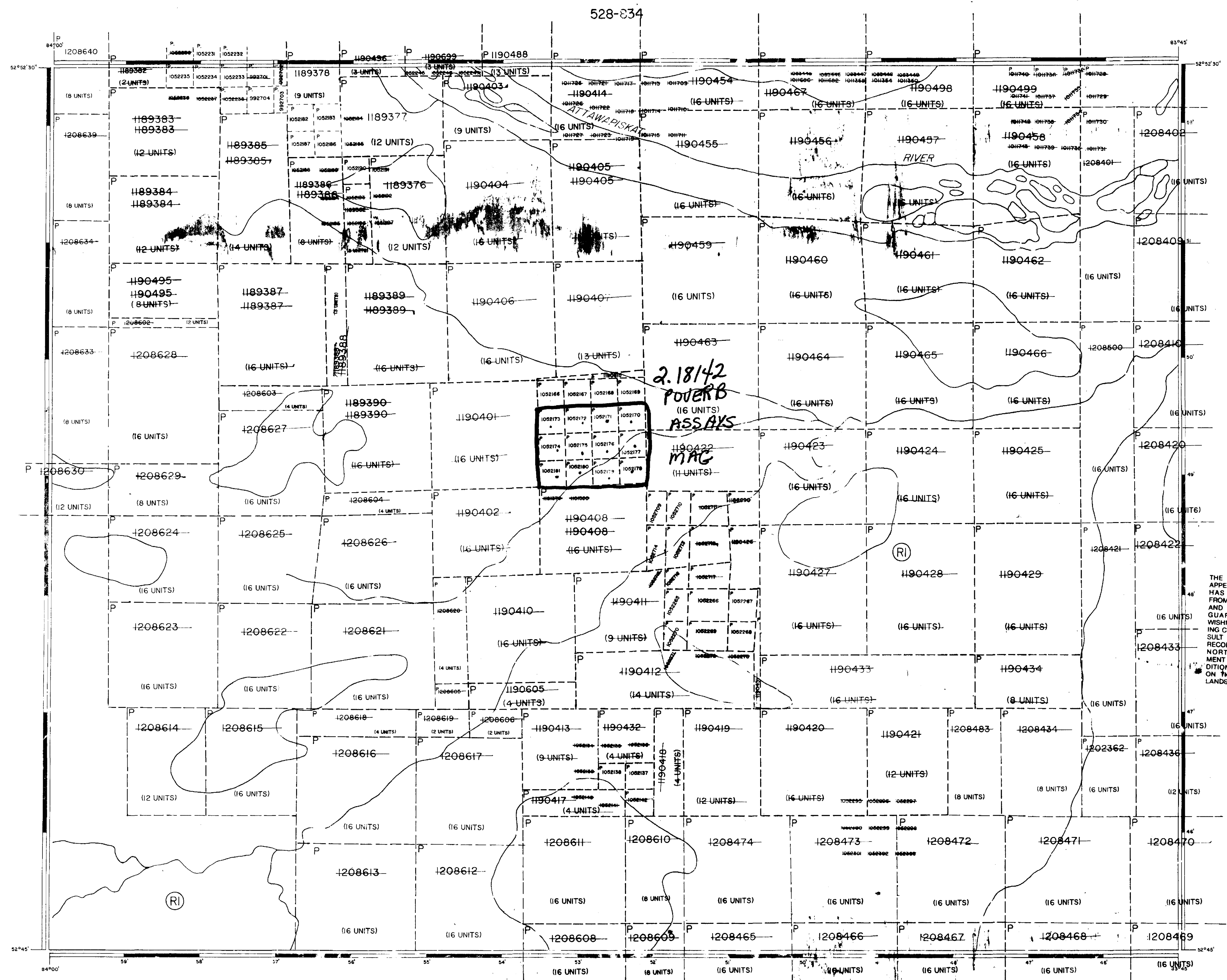
The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: May 06, 1998

Submission Number: 2.18142

Transaction Number: W9860.00085

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1052170	300.00
1052171	1,200.00
1052172	1,200.00
1052173	300.00
1052174	600.00
1052175	57,000.00
1052176	233,000.00
1052177	800.00
1052178	1,200.00
1052179	2,000.00
1052180	70,821.00
1052181	1,200.00
	<hr/>
Total: \$	369,621.00



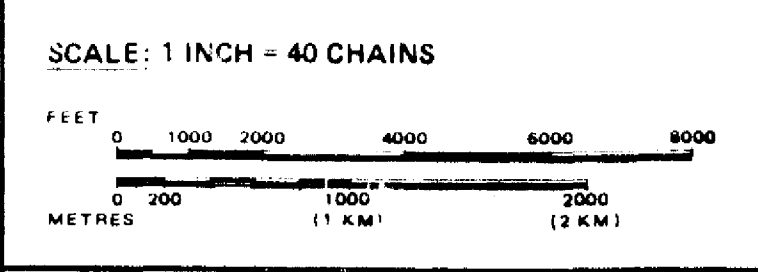
LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
 - RAILWAY AND RIGHT OF WAY
 - UTILITY LINES
 - NON-PERENNIAL STREAM
 - FLOODING OR FLOODING RIGHTS
 - SUBDIVISION OR COMPOSITE PLAN
 - RESERVATIONS
 - ORIGINAL SHORELINE
 - MARSH OR MUSKEG
 - MINES
 - TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	◑
" SURFACE RIGHTS ONLY	◒
" MINING RIGHTS ONLY	◓
LICENCE OF OCCUPATION	OC
ORDER-IN-COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1910, CHAP. 380, SEC. 63, SUBSEC. 1.



AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition	File
M.R.O. - MINING RIGHTS ONLY				
S.R.O. - SURFACE RIGHTS ONLY				
M.F.S. - MINING AND SURFACE RIGHTS				

Ⓜ PROSPECTING APP. FOR EXPLORATORY LICENCE OF NATURAL GAS (REG. 785) MNR

DATE OF ISSUE

MAY 04 1988

PROVINCIAL RECORDING OFFICE, SULLIVAN

RECEIVED DECEMBER 1, 1987

AREA
527-834

M.E.D. ADMINISTRATIVE DISTRICT
MOOSENEE
MINING DIVISION
FORCUPINE
LAND TITLES / REGISTRY DIVISION
KENORA/PATRICIA PORTION

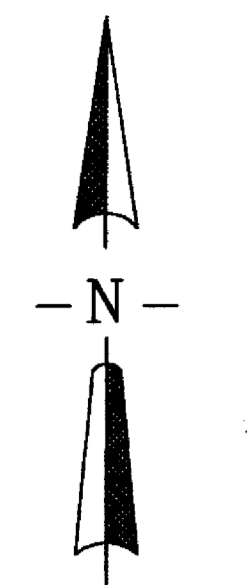
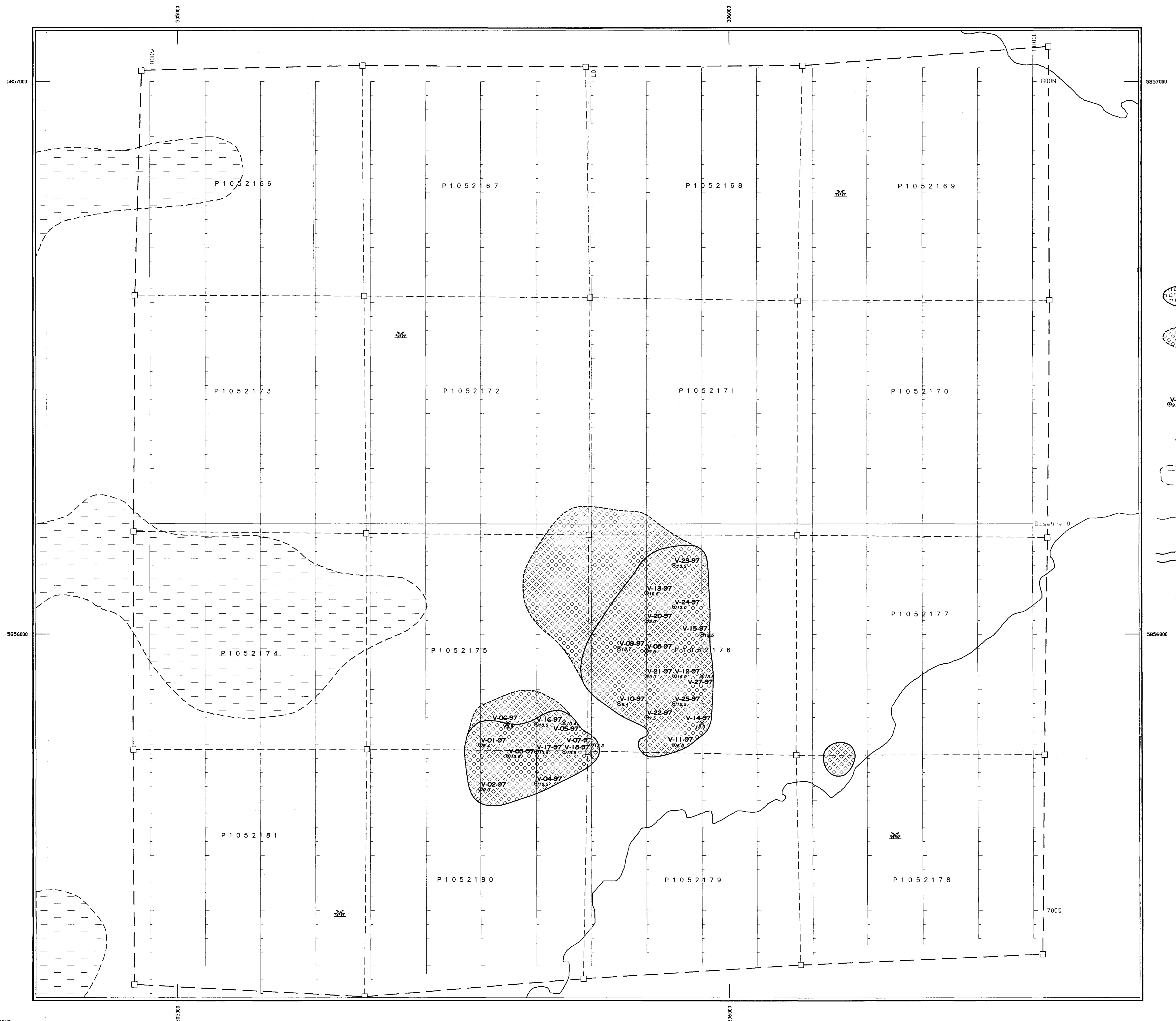
Ministry of Natural Resources Ontario
Ministry of Northern Development & Mines

Date: NOVEMBER / 1987
Number: **G-1253**

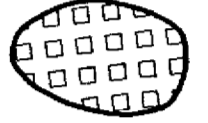

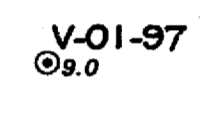


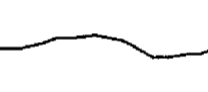


2.18142
POWER B
ASSAYS
MAG
(1 UNIT)

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 THEREON.



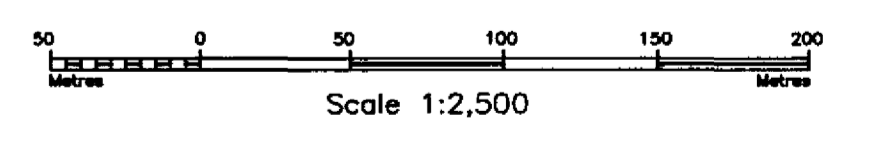


LEGEND

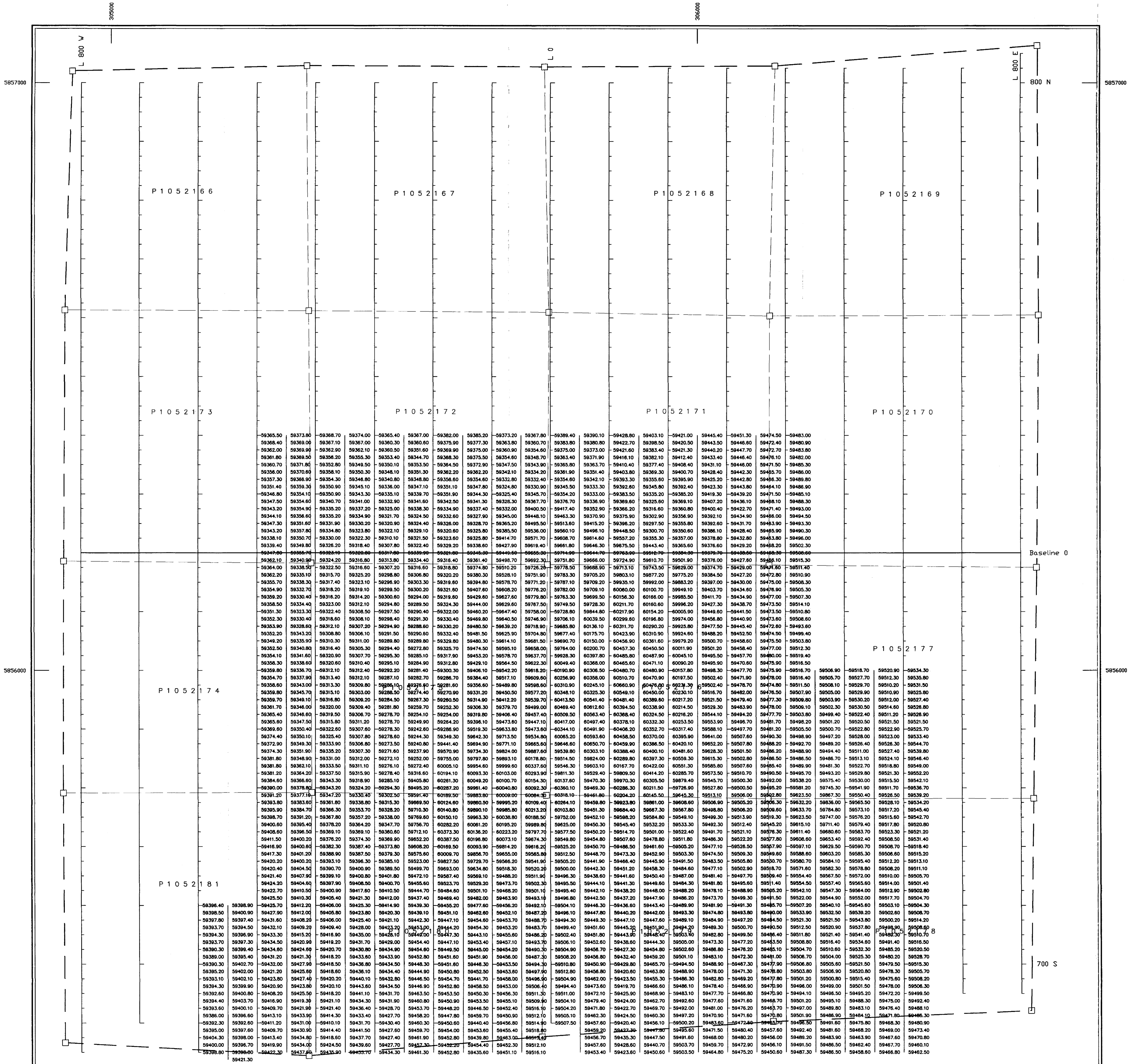
-  Kimberlite at surface
Area of kimberlite at surface - 9,72 ha
-  Kimberlite at depth
Area of kimberlite at depth - 4,97 ha
- TOTAL 14,69 ha
-  Diamond drill hole
Overburden depth
-  Swamp
-  String bog
-  Creek
-  River
-  Claim post

2.1814 S

DRB



MONOPROS LIMITED			
ATTAWAPISKAT RIVER AREA VICTOR KIMBERLITE			
DRILL HOLE LOCATION MAP			
PROJECT NO.	AUTHOR	SCALE	1 2,500
DRAWN	A. Lotendresse	FILE	Local_v.DWG
DATE	01/14/98	NTS	43B/13



LEGEND

□ Claim post

MAGNETIC SURVEY SPECIFICATIONS

Mobile Instrument: GEM GSM19 V5.0 Walk
 Instrument Mode: Normal Mobile Mode
 Measure Type: Total Magnetic Intensity (nT)
 Reading Interval: 12.5 metres
 Operator(s): Casey Hetman
 Contractor: Monopros Limited
 Date(s) Surveyed: January 27 and 28, 1997
 Base Station
 Instrument: Scintrex/EDA Omni IV
 Synchronization: Manual (Visual)
 Reading Interval: 20 seconds
 Base Station Location:
 Reference Datum: 0 nT

DATUM AND PROJECTION

Datum: Canada NAD 1927
 Projection: Transverse Mercator
 Major Axis: 6378206.400
 Scale Factor: 0.9996
 Eccentricity: 0.082271854
 False Easting: 500000
 Delta X: 10
 False Northing: 0
 Delta Y: -158
 Base Parallel: 0
 Delta Z: -187
 South Parallel: 0
 North Parallel: 0

SURVEY GRID CONTROL POINTS

Point #	Local Grid	Geographic
1	0W, 0N	305739E, 5855555N

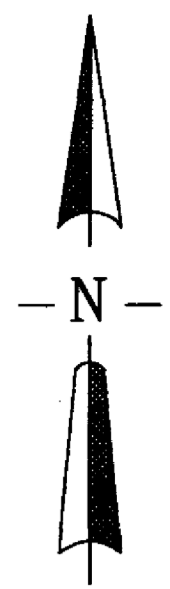
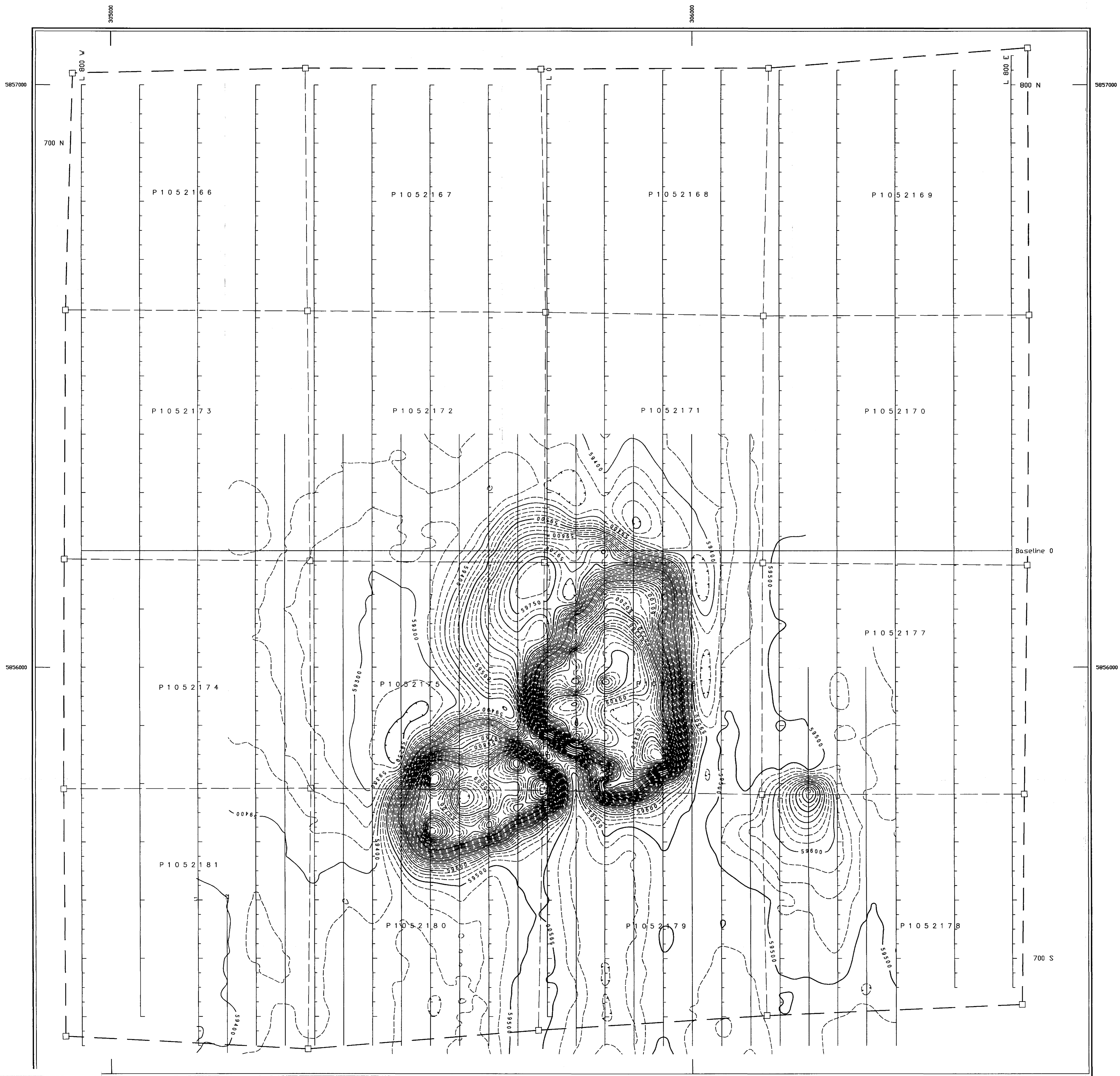
SURVEY GRID SPECIFICATIONS

Company: Monopros Limited
 Traverse Interval: 50 m
 Picket Interval: 12.5 m
 XYZ data file: v_corr.xyz
 Z column: 3
 Grid Cell Size: 3 m

MONOPROS LIMITED
 ATTAWAPISKAT RIVER AREA
 VICTOR KIMBERLITE
 GROUND MAGNETIC SURVEY
 TOTAL MAGNETIC FIELD READINGS

SCALE: 1:2,500
 FILE: Data_v.dwg
 DATE: 01/14/98
 N.T.S.: 43B/13

D.R.B.



LEGEND

□ Claim post

MAGNETIC SURVEY SPECIFICATIONS

Mobile Instrument: GEM GSM19 V5.0 Walk
 Instrument: Normal Mobile Mode
 Measure Type: Total Magnetic Intensity (nT)
 Reading Interval: 12.5 metres
 Operator(s): Casey Helman
 Contractor: Monopros Limited
 Date(s) Surveyed: January 27 and 28, 1997
 Base Station: Schtrex/EDA Omni IV
 Instrument: Manual (Visual)
 Synchronization: 20 seconds
 Reading Interval: 20 seconds
 Base Station Location: 0 nT
 Reference Datum: 0 nT

DATUM AND PROJECTION

Datum	Projection
Datum: Canada NAD 1927	Type: Transverse Mercator
Major Axis: 6378206.400	Scale Factor: 0.9996
Eccentricity: 0.082271854	False Easting: 500000
Delta X: 10	False Northing: 0
Delta Y: -158	Base Parallel: 0
Delta Z: -167	South Parallel: 0
	North Parallel: 0

SURVEY GRID CONTROL POINTS

Point #	Local Grid	Geographic
1	0W, 0N	305739E, 5856556N

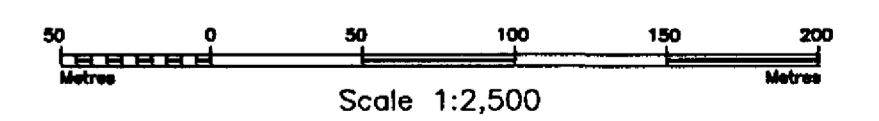
SURVEY GRID SPECIFICATIONS

Company: Monopros Limited
 Traverse Interval: 50 m
 Picket Interval: 12.5 m
 XYZ data file: v_corr.xyz
 Z column: 3
 Grid Cell Size: 3 m

TOTAL MAGNETIC INTENSITY

nT	Contour Line Style
25	Short dashed line
100	Long dashed line
250	Solid line

DAB



MONOPROS LIMITED
 ATTAWAPISKAT RIVER AREA
 VICTOR KIMBERLITE
 GROUND MAGNETIC SURVEY
 TOTAL MAGNETIC FIELD CONTOURS

BY: A. Latendresse	DATE: 01/14/98	SCALE: 1:2,500	FILE: Cont_v.dwg
			N.T.S. 43B/13