52F04SE2002 2.20851 DASH LAKE 010

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REPORT OF 2000 DIAMOND DRILLING AT THE PHINNEY-DASH LAKE PROPERTY ONTARIO KENORA MINING DIVISION NTS54F4

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BERNARD BARTON
PROSPECTOR
LICENCE # S6004
DEC 18 2000

Bernard Barton

2.20851

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INTRODUCTION

The Phinney-Dash Lake property was staked by B Barton in 1993
to cover ground thought prospective for base metal
massive sulphide deposition
The property was optioned to Phelps Dodge Canada in 1993
and returned to B Barton in1998
Previous work by others and P.D.C. and B Barton show moderate cu .zn
enrichment and that the possibilities of a massive sulfide deposit are
encouraging
This is the 2000 work report
Three holes were diamond drilled
with a hand held JK4S pack sack core drill
This report describes the work , the assay results and the recommendations
of the results of the 2000 drill program conducted on the property
up until the end of Dec. 2000

LOCATION AND ACCESS

The claim group is located approximately 30 km east of Nestor Falls
The property lies proximal to Dash- Phinney Lakes at
latitude 49 degrees 6 min north
longitude 93 degrees 37 min west
on NTSmap sheet 53f4
Access is from Dryden Ont
highway 17 west 112 km.--highway 71 south 110 km Trilake road
17 km --Derby lake road 13 km--Phinney Lake road 10 km
aprox 262 km

CLAIM STATUS

the property consists of 15 claims===65 units
recorded to B Barton
115006 1161129 1161130--1161131--1161132--1161133--1161134--
1161135--1161136--1178183--1178773--1202132--1202133--1202174--
1202175

HISTORY

No mines or significant prospects have been discovered in the
Phinney Dash Lake area

PREVIOUS WORK

The previous work on and around the property can be summarized as follows

1966 INCO

Airborne electromagnetic survey, no record work in immediate area

1971-72 FREEPORT CANADIAN EXPLORATION COMPANY

Airborne electromagnetic and magnetic surveys,ground geophysical
follow-up [mag.,EM Max-min]
five diamond drill holes on EM targets south west and east-south east of Phinney Lake .
Geochemically anomalous Cu and Zn values[ie, up to 1800 ppmCu and 2500ppm Zn]
were intersected in felsic pyroclastic rocks.

1975 ONTARIO GEOLOGICAL SURVEY

Geological mapping [1";1/4 mile] by G Edwards, Map no.2430, report 201
documented hydrothermal alteration assemblages
[sericite,chloritoid] within felsic pyroclastic rocks

1984 LLOYDEX RESOURCES

Prospecting and trenching near southwest end of Phinney Lake
located gossaned material hosting 5%-10%pyrite
5% pyrrhotite, 1% chalcopyrite and 1% sphalerite hosted by silicified rhyolite

1993--1998 PHELPS DODGE CANADA

Airborne geophysical survey
ground geophysical surveys
geological mapping and sample assaying
IP surveys and diamond drilling 3 holes
[core stored at B Barton residence]
results hole # 1 best assay 1470 ppm cu and 115 ppm zn over 1.5 ft. in a
mineralized zone 8 ft.
hole # 2 and 3 intersected 60 meters semi massive to massive pyrite
with no anomalous mineral values

1999 BERNARD BARTON

Diamond drilling 3 holes core stored at B Barton residence
anomalous zn in holes 1 & 2 best 2.43% in hole2
on claim 1161131
results are encouraging and more work is planned for this area

REGIONAL GEOLOGICAL SETTING

The Phinney Dash Lake are is underlain by Archean supra crustal rocks of the western Wabigoon Subprovince. Edwards [1980] states that the rocks comprise a sequence of mafic and lesser felsic metavolcanic rocks, and complexly interbedded clastic and chemical metasedimentary rocks which are folded into a broad northeast-trending anticline.The Phinney-Dash Lake complex, a synvolcanic quartz-feldspar porphyry intrusion and related extrusive and exhaltive rocks, occupies the axial zone of the northeastern potion of this anticline and fed the felsic volcanism that immeadiately overlies it to the east and south.

Metamorphic grade in the area is middle greenshist facies

ROCK TYPES [intersected in drill core]

Felsic volcanic rocks intersected during drilling comprise of quartz feldspar poppyry in hole #4

basalt in holes #5&#6

MINERALIZATION

HOLE #4 mainly quartz feldspar pophyry 1% to 2% py

best assays # 0933 84ppbau # 0927 25ppm cu # 0926 126 ppm

HOLE #5 basalt py po#0951 17ppb au #0954 557ppm cu #0952 19ppm zn

HOLE#6 basalt po py #0955 18ppb au 215ppm cu 51 ppm zn

REFERENCES

Inco 1996 Airborne electromagnetic survey no record of work in imeadiate area
Kenora MNDM assessment files
Freeport Canadian Exploration 1971-72 Airborne electromagnetic survey and magnetic ground geophysical follow up ,5 diamond drill holes .anomalous Cu Zn values
[ie 1800ppm Cu and 2500ppm Zn]
were intersected in felsic pyroclastic rock.
Kenora MNDM assessment files
Ontario Geological Survey Edwards G R 1980 Geology of the Shistoes Lake Area report 194 O G S
Hodder R W 1981 Evolution of an Archean Felsic Volcanic-Plutonic Complex 5396 OGS
Ontario Geological survey Edwards G R 1983 Geology of the Bethune Lake Area report 201 OGS Phelps Dodge
Nelson LJ 1984 report of the geology of the Lloydex Resources Inc. Phinney Lake Property Kenora MNDM assessment files
Phelps Dodge Canada 1993 --1998 Airborne electromagnetic ground Em TEM IP and geological survey an mapping ; 3 diamond drill holes
[minor Cu Zn values large pyrite zone]
Kenora MNDM assessment files
Bernard Barton--1999 diamond drilling 3 holes anomalous zn values drill core stored at B Barton residence
Kenora M.N.D.M. office assessment files
by Bernard Barton
prospector lic. # s6004

CURRENT WORK PROGRAM
PROGRAM #1

1 day was spent march 5 /2000
locating area to be drilled
12 days were spent drilling 101 ft on the lake claim #1136131
on an airborne conductor
1 day was spent logging and sampling core march 31/2000

PROGRAM#2

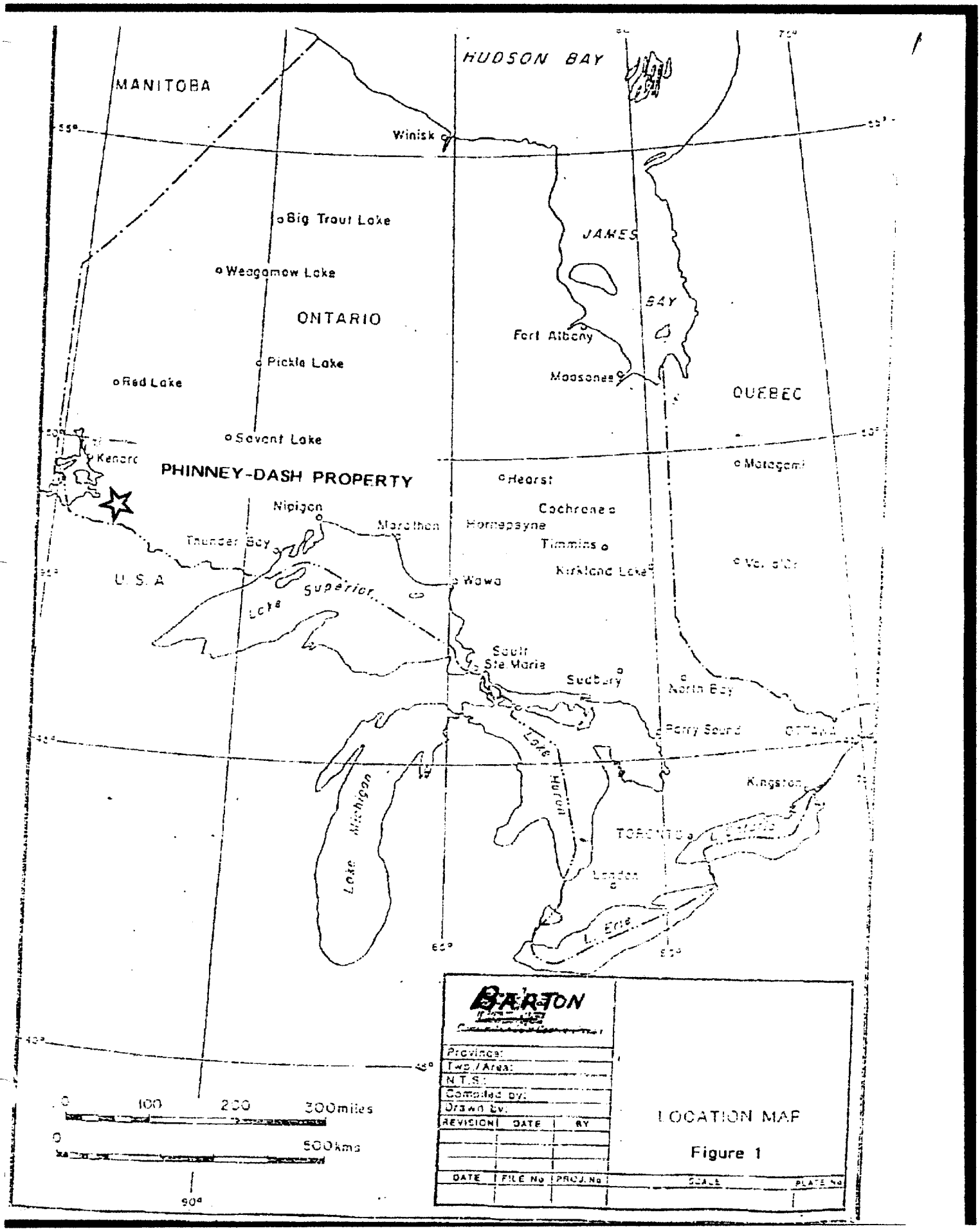
7 days were spent locating target area for drill holes #5 and #6
on the E M grid estabished by Phelps Dodge Canada
on claim #1202133
and makeing trail and moveing drill equipment in
sept. 25 to oct 12 /2000
12 days were spent drilling hole # 5 and hole #6
#5 70ft/ #6 81 ft
oct 13 to oct 31 / 2000
2 days dec 10 and 11 /2000 logging and sampleing core
total feet drilled 252
total samples assayed 18
the samples were sent to Accurassay Lab in Thunderbay
results are included in this report
the core is stored at B Barton res. n1/2 lot 5 con 6 Eton twp
total days worked with helper Kevin Prouty prospector
from Eton Rugby Ont

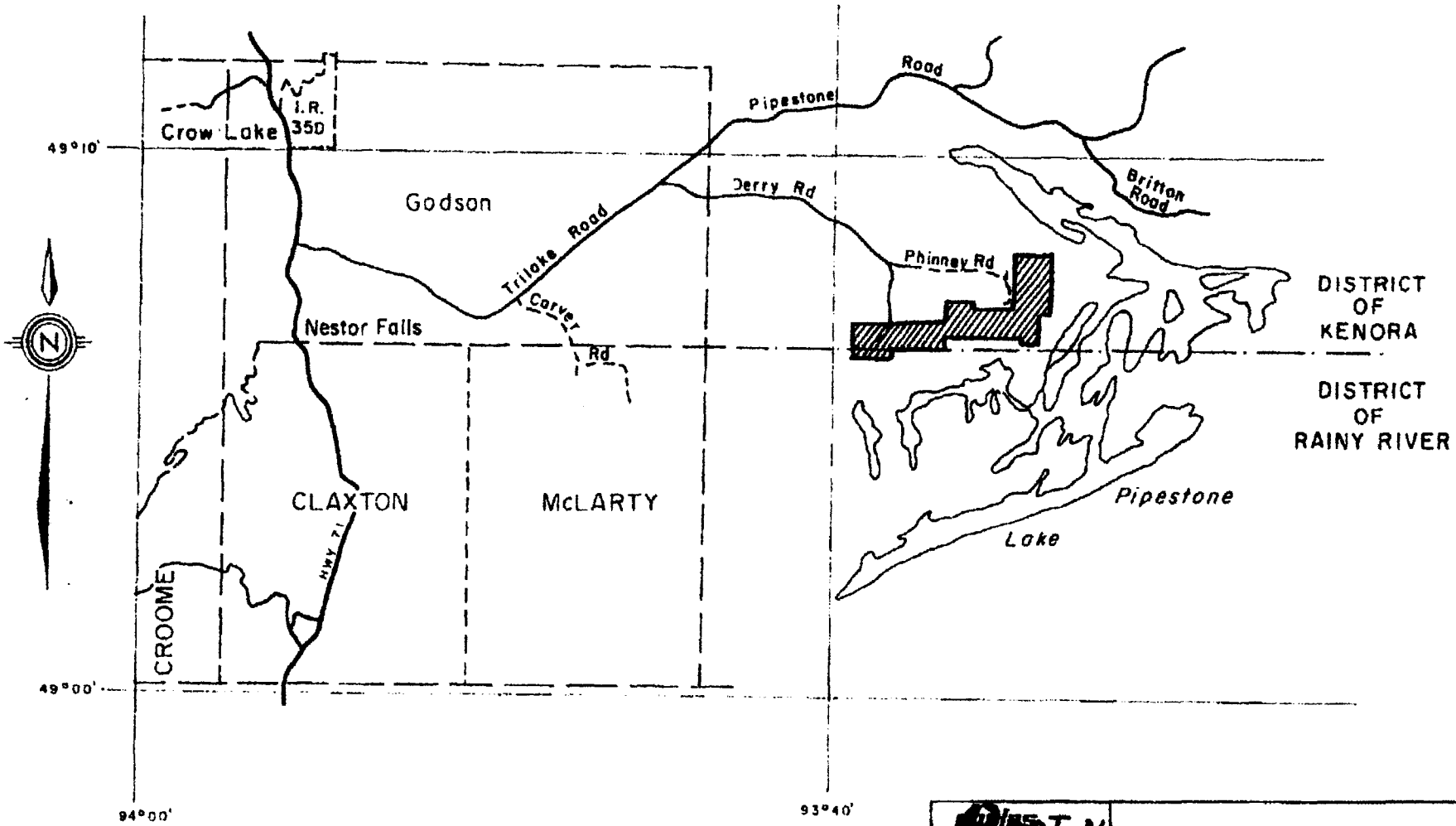
locating areas to be drilled and moving equipment to sites	8 days
drilling	24 days
logging core and sampleing	3 days
total	35 days

eequipment used
JK4S hand held packsack core drill 7/8 inch core
4x4 pick truck
8 wheel argo
snow machine
boat and motor

CONCLUSIONS AND RECOMENDATIONS

Diamond drill hole #4 was drilled on the ice on Phinney lake
on claim #1136131 hopeing to intersect a conductor from an
airborne indicator from a survey by Phelps Dodge Canada 1993
the hole was drilled vertical for 101 feet and no conductor was found
The ice was breaking up and the hole was abandoned
Another hole is recommended in this area closer to the
mineralized zone discovered in the [1999 drill hole
#2 best assay 2.43% zn 330 ppb au]
Drill holes #5 and #6 were drilled at the west end of 2 conductors
shown on an Em survey grid established by Phelps Dodge Canada
in 1994 on claim #1202133.
Pyrrhotite and pyrite is now believed to be the source of the conductor
but some small copper values were intersected [555ppm cu]
recommendations are to drill farther to the east on these conductors
and to drill on conductor c9 north of this
This work is planned for this spring of 2001
B Barton


HUDSON BAY
MANITOBA
Winisk
Big Trout Lake
JAMES
BAY
Weagamow Lake
ONTARIO
Fort Albany
Pickle Lake
Red Lake
Moosonee
QUEBEC
Savant Lake
Kenora
PHINNEY-DASH PROPERTY
Hearst
Matagami
Nipigon
Cochrane
Marathon
Hornepayne
Thunder Bay
Timmins
U.S.A.
Wawa
Superior
Lake
Sault Ste. Marie
Sudbury
North Bay
Parry Sound
Lake Huron
Kingston
Lake Michigan
TORONTO
L. Ontario
London
L. Erie
0 100 200 300miles
0 500kms
BARTON
Province:
Twp / Area:
N.T.S.:
Compiled by:
Drawn by:
REVISION DATE BY
LOCATION MAP
Figure 1
DATE FILE No PROJ. No SCALE PLATE No



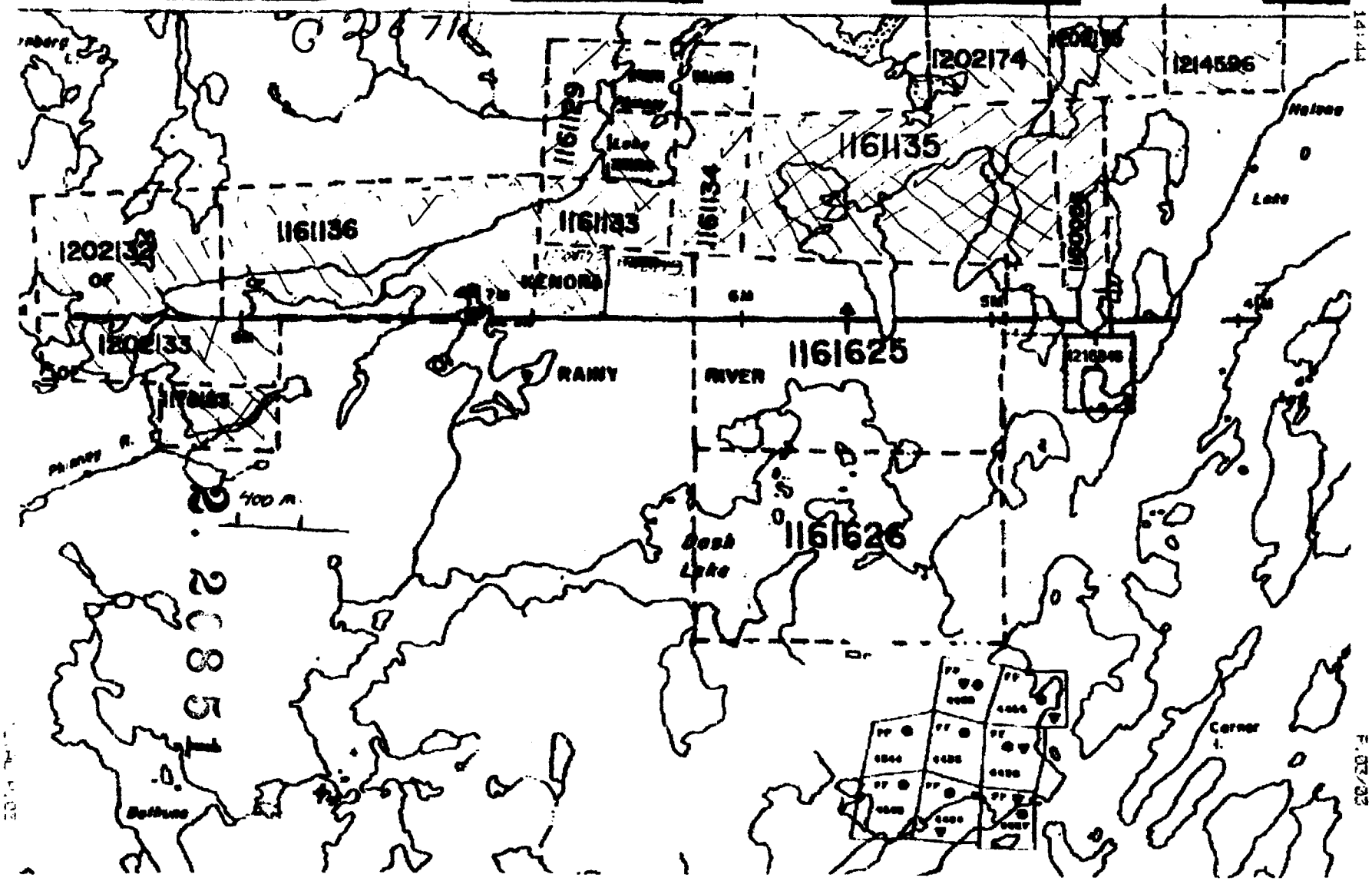
0 5 10kms

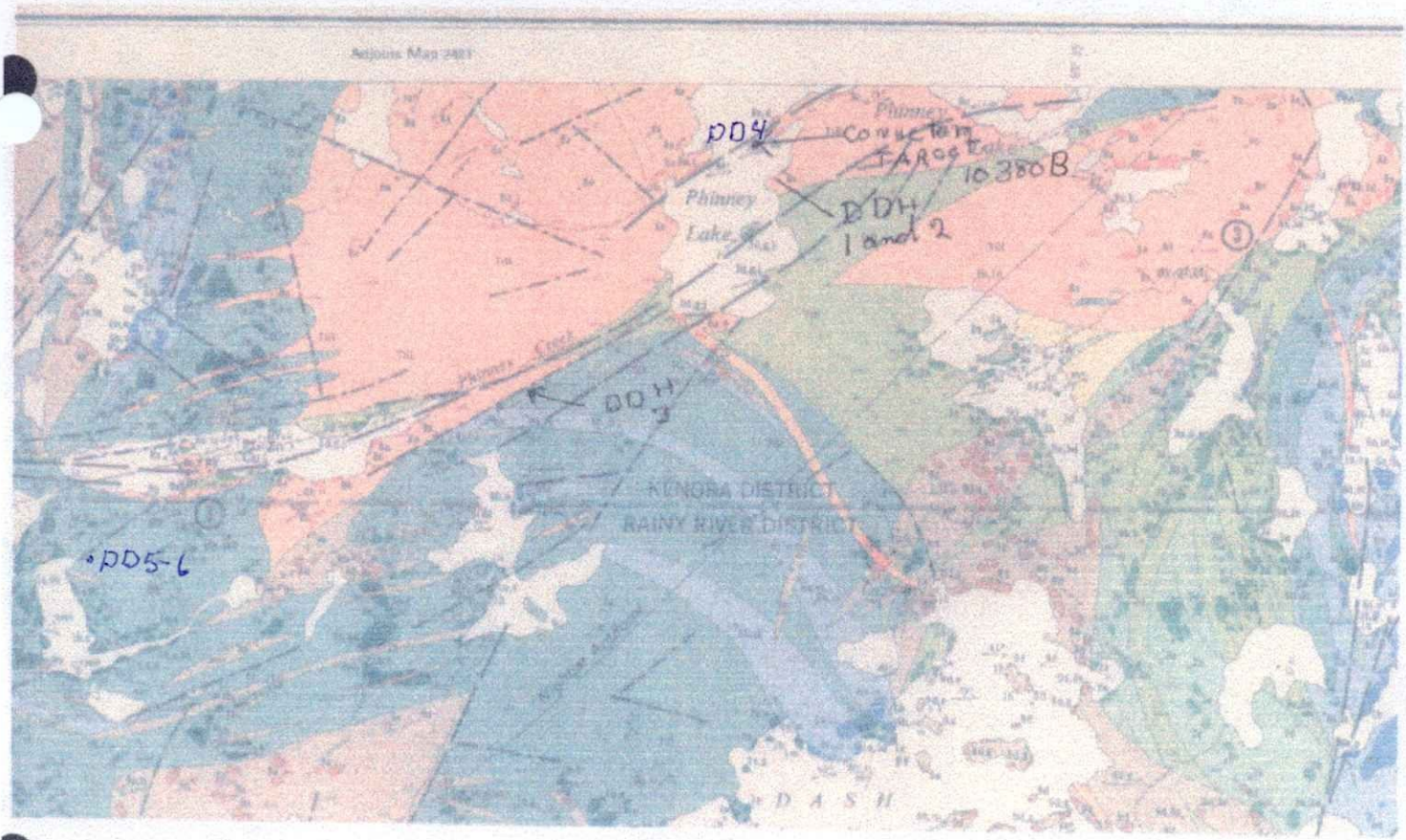
~~1cm = 2kms~~

Province: ONTARIO			PHINNEY - DASH PROJECT PHINNEY-DASH LAKES, NESTOR FALLS AREA Kenora & Rainy River Districts, Ont
Twp./Area: Pipestone Lake			
N.T.S.: 52 F/4			
Compiled by: M.J.			
Drawn by: R.T.M.			
REVISION	DATE	BY	LOCATION MAP
DATE	FILE No.	PROJ. No.	SCALE / Dwg. No / Plate No
Mar 94		222	1 : 200,000

BROOKS LAKE G-2670

Barton Claims





Ontario Geological Survey
Map 2430

BETHUNE LAKE

KENORA and RAINY RIVER DISTRICTS

Scale 1:31,680 or 1 Inch to ½ Mile

BRIAN (PROTEROZOIC)

MAFIC INTRUSIVE ROCKS

1f Diabase.

INTRUSIVE CONTACT

EARLY PRECAMBRIAN (ARCHEAN)

LATE MAFIC INTRUSIVE ROCKS

14 Undifferentiated.
14a Amphibole-pyroxene lamprophyre.
14b Mica lamprophyre.
14c Mica-pyroxene lamprophyre.

INTRUSIVE CONTACT

FELSIC TO INTERMEDIATE PLUTONIC ROCKS[a]

RAINY LAKE BATHOLITH

Jackfish Lake Complex

13a Biotite-hornblende syenodiorite.
13b Pyroxene-hornblende syenodiorite.
13c Pyroxene syenodiorite, gabbro.
13d Aplite.
13e Pegmatite.

INTRUSIVE CONTACT

Gneiss-Migmatite

12a Stromatic gneisses of trondhjemitic and granodioritic composition.
12b Trondhjemitic, granodioritic rocks, migmatitic structures.
12c Amphibolite pods, agmatic structures.

BABASKONG BATHOLITH

11a Coarse-grained hornblende-biotite trondhjemite.
11b Hornblende diorite, gabbro.
11c Fine-grained equigranular, hornblende-biotite trondhjemite.
11d Syenite.
11e Felsite.
11f Quartz-feldspar porphyry.
11g Agmatic migmatite.

INTRAVOLCANIC PLUTONS

Silver Lake Intrusion

10a Agmatic migmatite.
10b Leucocratic biotite trondhjemite.
10c Quartz-sericite schist.

Dash Lake Stock

9a Hornblende trondhjemite.
9b Quartz-feldspar porphyry dikes.
9c Felsite.
9d Porphyritic (quartz) leucocratic trondhjemite.
9e Intrusive flow banded.
9f Chloritic fracture veins.
9g Pyritic.
9h Carbonatized.

Phinney-Dash Lake Complex

8a Quartz-feldspar porphyry.[d]
8b Feldspar porphyry.
8c Carbonate-sericite schist.
8d Carbonatized.

INTRUSIVE CONTACT

METAMORPHOSED MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS[a]

ULTRAMAFIC INTRUSIVE ROCKS

7a Pyroxenite.
7b Peridotite (in part dunite).
7c Talc-carbonate schist.
7d Talcose, carbonatized.
7e Serpentinized.
7f Silicified, carbonatized.

MAFIC INTRUSIVE ROCKS

6a Gabbro.
6b Leucocratic gabbro, diorite.
6c Amphibole gabbro.
6d Quartz-amphibole (magnetite) gabbro.
6e Ophitic gabbro.
6f Hybrid gabbro.
6g Flaser gabbro.
6h Fine-grained magnetite-leucoxene-bearing gabbro.
6i Diabasic gabbro.
6k Gabbro migmatite.[e]
6m Quartz-bearing.[f]
6n Porphyritic (plagioclase).
6o Carbonatized.
6q Chlorite schist.
6r Talcose, serpentinized.
6s Amphibolite.

INTRUSIVE CONTACT

METAVOLCANICS AND METASEDIMENTS[a]

CHEMICAL METASEDIMENTS

5a Chert, ferruginous chert.
5b Pyrite-sinoite iron formation.
5c Cherty iron formation.
5d Hematite iron formation.

CLASTIC METASEDIMENTS

4a Feldspathic volcanic sandstone.
4b Banded, ferruginous, tuffaceous sediments.
4c Sericite schist.

FELSIC METAVOLCANICS

3a Flow.
3b Fragmental flow.
3c Tuff.
3d Lapilli-tuff.
3e Tuff-breccia.
3f Bedded tuff.
3g Sericite schist.
3h Flow banding.
3i Carbonatized.
3k Ferruginous (sphalerite) breccia.

INTERMEDIATE METAVOLCANICS

2a Flow.
2b Tuff.
2c Lapilli-tuff.
2d Tuff-breccia.
2e Volcaniclastic conglomerate.
2f Schistose.

MAFIC METAVOLCANICS

1a Flow (unsubdivided).
1b Pillow flow.
1c Amygdaloidal flow.
1d Variolitic.
1e Massive flow.
1g Coarse grained flow.[g]
1h Porphyritic flow (plagioclase).
1j Flow Breccia.
1k Pillow breccia.
1m Tuff.
1n Chlorite schist.
1p Hornblende-garnet, garnet-feldspar, feldspar and magnetite biotite schist, minor chert with migmatite and sulphide mineralization.
1q Amphibolite, garnet-ferrous amphibolite.
1r Carbonatized.
1s Magnetite bearing.[g]
1t Agmatic migmatite.
1u Stromatic migmatite.

---

asb	Asbestos.
Au	Gold.
carb	Carbonate.
ch	Chert.
Cu	Copper.
gr	Graphite.
mag	Magnetite.
po	Pyrrhotite.
py	Pyrite.
q	Quartz.
talc	Talc.
Zn	Zinc.

---

[a]Unconsolidated deposits. Cenozoic deposits are represented by the lighter coloured parts of the map.

[b]Bedrock geology. Outcrops and inferred extensions of each rock map-unit are shown respectively in deep and light tones of the same colour. Where in places a formation is too narrow to show colour and must be represented in black, a short black bar appears in the appropriate block.

[c]Rocks in these groups are subdivided lithologically; the order within a group does not imply age relationships.

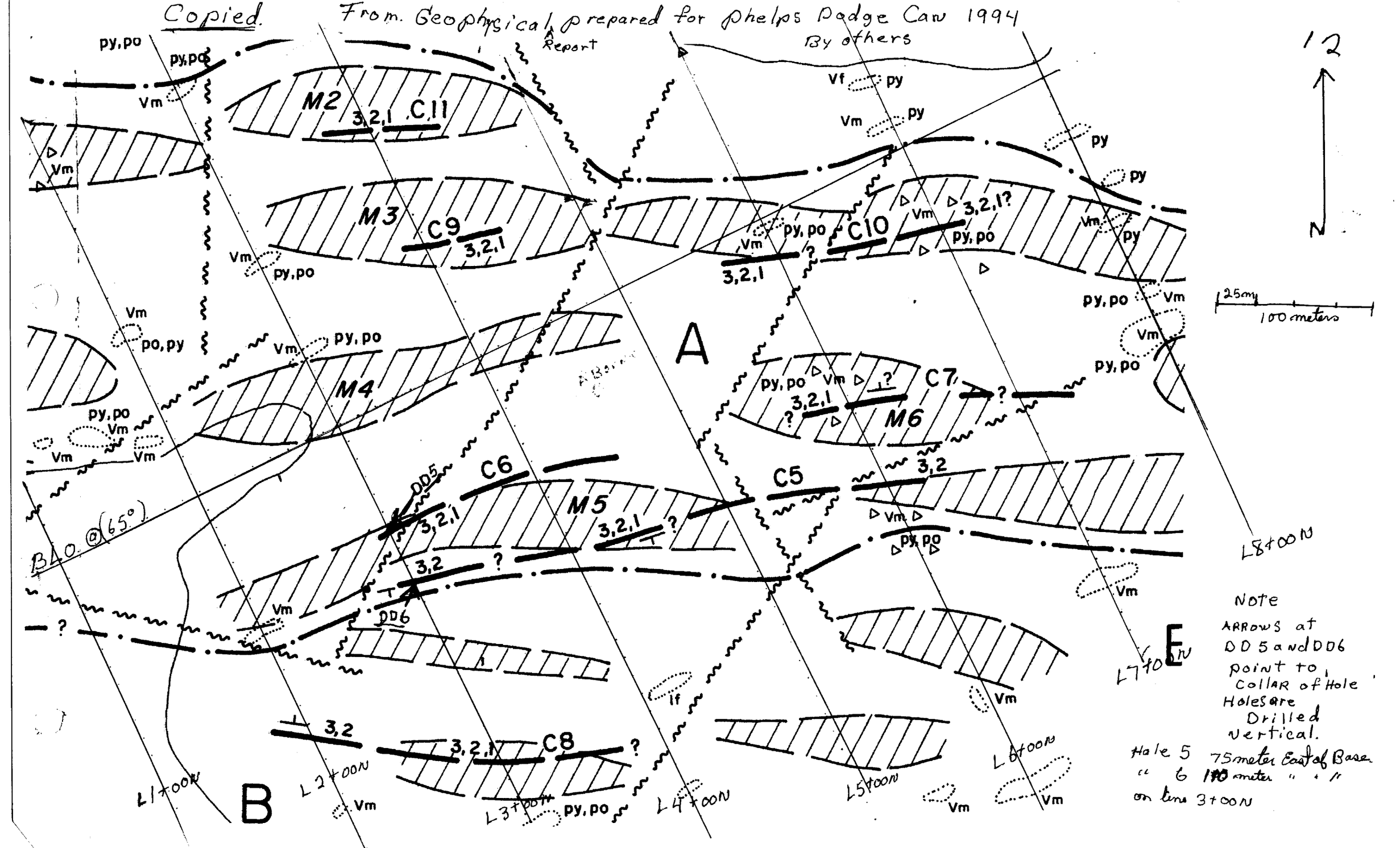
[d]May be in part extrusive.

[e]Both subphases are gabbro or leucogabbro.

[f]Probably felsic granite 6d.

[g]May be in part intrusive.

Copied. From. Geophysical Report prepared for Phelps Dodge Can 1994 By others



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Diamond Drilling Log / Journal de forage au diamant

Complete this form and related sketch in duplicate. Remplir en deux exemplaires la présente formule et le croquis annexé

Fill in on every page / Remplir ces cases à chaque page ⇒

Hole No. / Forage n° : 4

Page No. / Page n° : 1 of 3

Drilling Company / Compagnie de forage	Self. Bernard Barton.
Collar Elevation / Élévation du collier	at Lake Level.
Bearing of hole from true North/Position du forage par rapport au nord vrai	0
Total Footage / Avancement total du forage	101 ft
Dip of Hole at / Inclinaison du forage au	Vertical — Collar/collier 90°
Address/Location where core stored / Adresse/endroit où la carotte est stockée	B. Barton Residence 204 Stenberg rd. N½ Lot 5 Con 6 Eton Twp Ont
Map Reference No. / N° de référence sur la carte	G2671
Claim No. / N° de concession minière	1161131
Date Hole Started / Date de commencement du forage	March 7/00
Date Completed / Date d'achèvement	March 24/00
Date Logged / Date d'inscription au journal	March 31/00
Logged by / Inscrit par	Bernard Barton
Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude)	Dash Lake Area — Kenora Mining Div.
Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option	Bernard Barton.
Date submitted / Date de dépôt	April
Submitted by (Signature) / Déposé par (signature)	Bernard Barton
Property Name / Nom de la propriété	Phinney Lake

Footage/Avancement From/De	To/À	Rock type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle* / Angle des caractéristiques planes	Core Specimen Footage/Longueur en pieds des carottes prélevées	Your Sample No. / N° d'échantillon du prospecteur	Sample Footage/Mesures de prélèvement de l'échantillon From/De	To/À	Sample Length / Longueur de l'échantillon	Assays†/Analyses minéralogiques Au (ppb)	Cu (ppm)	Zn (ppm)
0	14	water.	casing.									
14	24	Felsic tuff	buff colored, fine grained, green particles ¼"									
			2 to 3 mm quartz eyes 1% Sericite 1% fine	40° TCA								
			diseminate py. slightly sheared.		1'2	0926	23-6	248	1-2	11	6	126
24	26'6"	Felsic tuff	silicified, grey color, med grain white									
			Feldspars 3 mm. quartz eyes 5 mm 1% py	40 TCA								
			1% sericite		10"	0927	31-8	32-6	10"	46	25	43
26'6"	34	qfp.	grey colored (occasional Red Heamatite Stain?)									
			(6" to 8" areas)									
			2% py Some Sericite breaks at	40 TCA								
34	44	qfp	grey colored med grained (occasional red Hematite									
			stained areas?) 4 mm quartz eyes 1% Sericite									
			bleb of Fucite at 38° 2 to 3% sulfieds py-Sph	40°								
44	55	qfp	grey colored fine grained ¼" feldspars give									
			it a mottled appearance, ocassional 5 mm									
			quartz eyes, silicified, lightly sheared									
			small bands of py Sph ¼" 2% py Sph.	30 TCA	12"	0928	54	55	12"	14	19	46

04 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

†Additional credit available. See Assessment Work Regulation.
†Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

qfp quartz feldspar porphyry
py pyrite
Sph sphalerite
mo mollybdenum
mm mille meter

TCA - To core axis
cpy chalcopyrite.
po. pyrrhotite.

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Diamond Drilling Log / Journal de forage au diamant

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Page No. / Page n° : 2 of 3

Self Bernard Barton

Drilling Company / Compagnie de forage	Collar Elevation / Elévation du collier	Bearing of hole from true North/Position du forage par rapport au nord vrai	Total Footage / Avancement total du forage	Dip of Hole at / Inclinaison du forage au (Collar/collier)	Address/Location where core stored / Adresse/endroit où la carotte est stockée	Map Reference No. / N° de référence sur la carte	Claim No. / N° de concession minière
	pg 1 0 55 pg 2 55 96	0		vertical	B. Barton Res 204 Stenberg R. N½ Lot 5 Con 6 Eton Twp	G2671	1161131

Date Hole Started / Date de commencement du forage	Date Completed / Date d'achèvement	Date Logged / Date d'inscription au journal	Logged by / Inscrit par	Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude)
March 7/00	March 24/00	March 31/00	Bernard Barton	Kenora Mining Div Dash Lake Area.

Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option	Date submitted / Date de dépôt	Submitted by (Signature) / Déposé par (signature)	Property Name / Nom de la propriété
Bernard Barton	April	Bernard Barton	Phinney Lake

Dip readings: Ft./Pi; Ft./Pi; Ft./Pi; Ft./Pi; Ft./Pi

Footage/Avancement From/De	To/A	Rock type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle* / Angle des caractéristiques planes	Core Specimen Footage† / Longueur en pieds des carottes prélevées	Your Sample No. / N° d'échantillon du prospecteur	Sample Footage/Niveau de prélèvement de l'échantillon From/De	To/A	Sample Length / Longueur de l'échantillon	Assays†/Analyses minéralurgiques Au (ppb)	Cu (ppm)	Zn (ppm)
55	68	qfp	dark grey color. fine grained, blebs feldspar.	30 TCA	1'6"	0929	65	66'6"	1'6"	39	21	48
			1% sericite, silicified. 1% sulfieds									
			py sph plus 3 small veins ¼ inch py sph									
68	74	qfp	Light grey color. mottled apearance									
			1% py sph. some sericite 3mm quartz	30 TCA	1'6"	0930	67'6"	69	1'6"	8	21	53
			eyes ocassional ¼" bleb py sph.									
74	83	qfp.	Light grey color slightly sheared									
			1% py sph 1% sericite 3 to 4 mm quartz eyes									
			Large bleb white feldspar at 76' 5" feldspar									
			at 80'8"									
83	91	qfp	dark grey color fine grained, blebs white feldspar	30 TCA	1'4"	0931	84'8	86	1'4"	5	19	72
			3mm quartz eyes. 1-2% py sph quartz									
			Flooded from 88'-91'		2'	0932	88	90	2'	-	12	76
91	96	qfp	Brecciated zone, white feldspars, dark rock									
			1-2% py sph mo, sericite moderatley	90 TCA	1'4	0933	90	91'4	1'4	84	89	25
			sheared.									

4 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

†Additional credit available. See Assessment Work Regulation.
†Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

qfp quartz feldspar pophyry
py pyrite
sph sphalerite
cpy chalcopyrite
TCA To core axis.
mm millimeter
mo molybdenum
po pyrrhotite

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Diamond Drilling Log / Journal de forage au diamant

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Page No. / Page n° : 3 of 3

Drilling Company / Compagnie de forage	Collar Elevation / Élévation du collier	Bearing of hole from true North/Position du forage par rapport au nord vrai	Total Footage / Avancement total du forage	Dip of Hole at / Inclinaison du forage au
Bernard Barton pg 1 pg 2 pg 3	55-96 96-101	0	101	Vertical. Collar/collier

Address/Location where core stored / Adresse/endroit où la carotte est stockée	Map Reference No. / N° de référence sur la carte	Claim No. / N° de concession minière
B Barton Residence 204 Stenberg Rd. N½ Lot 5 Con 6 Eton Twp	G 2671	1161131

Date Hole Started / Date de commencement du forage	Date Completed / Date d'achèvement	Date Logged / Date d'inscription au journal	Logged by / Inscrit par
March 7/00	March 24/00	March 31	Bernard Barton

Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option	Date submitted / Date de dépôt	Submitted by (Signature) / Déposé par (signature)
Bernard Barton	April.	Bd Bar

Dip: Ft./Pi

Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude): Kenora mining Div. Dash Lake Area

Property Name / Nom de la propriété: Phinney Lake

Footage/Avancement From/De	To/À	Rock type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle* / Angle des caractéristiques planes	Core Specimen Footage†/Longueur en pieds des carottes prélevées	Your Sample No. / N° d'échantillon de prospecteur	Sample Footage/Mesure de prélèvement From/De	To/À	Sample Length / Longueur de l'échantillon	Assays†/Analyses minéralurgiques Au (ppB)	Cu (ppm)	Zn (ppm)
96	101	qfp.	Brecciated zone moderatly sheared	90 TCA	4'	0934	97	101	4'	20	21	88
			1% sericite, 1% py sph mo									
101			End of hole (as dcy was breaking up.) to possibly drilled further									
			in the winter of 2000-2001									
			Conductor not as yet intersected									

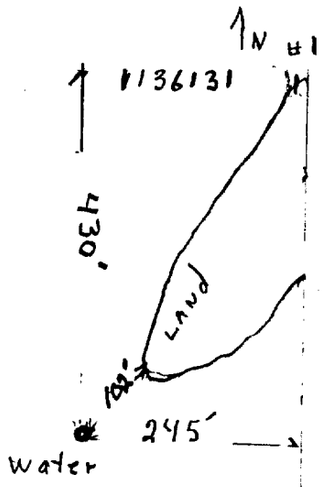
4 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

†Additional credit available. See Assessment Work Regulation.
†Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

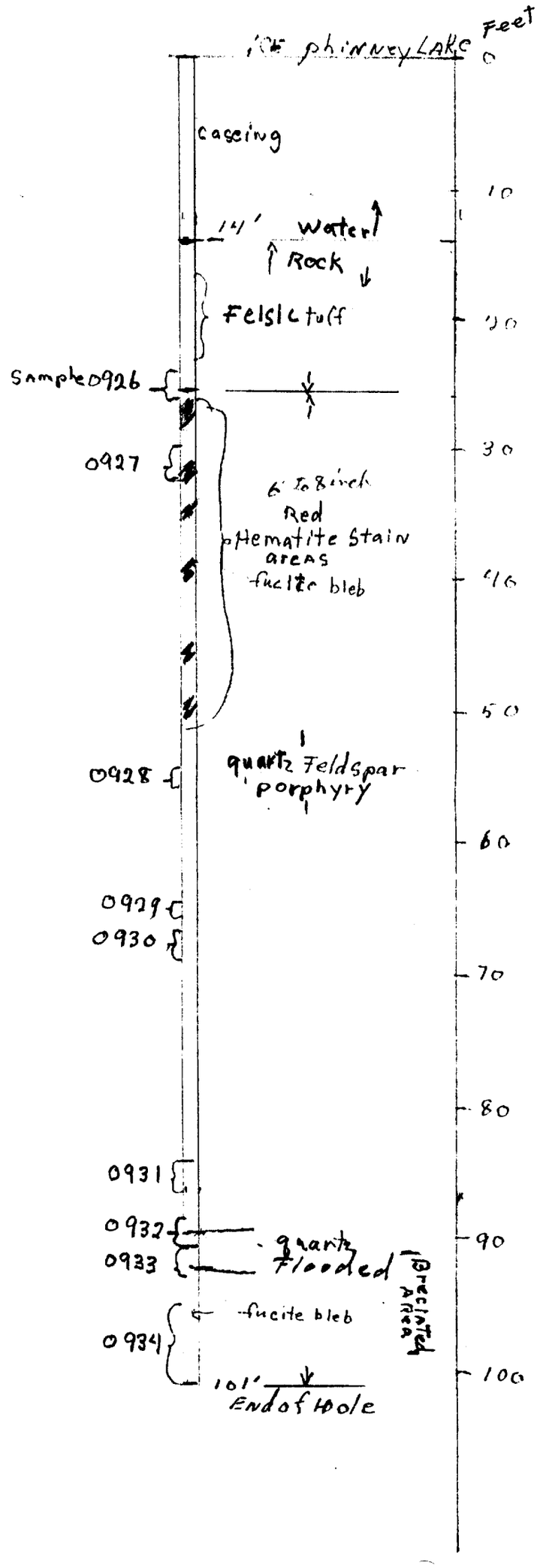
py pyrite
sph sphalerite
mo molybdenum
TCA To core axis
qfp quartz feldspar porphyry.
cpy chalcopyrite.
po pyrrhotite

16 1" = 200 feet

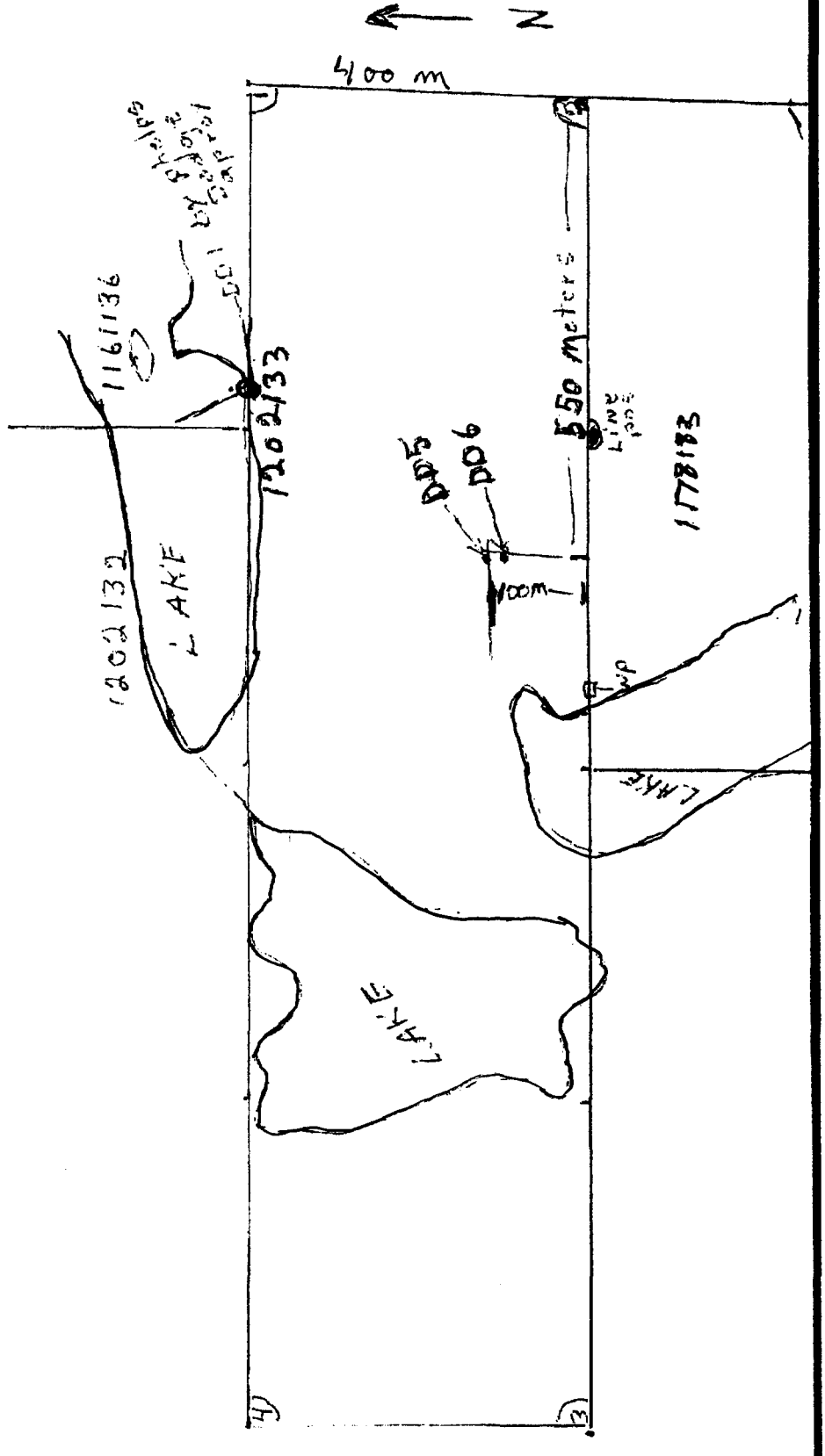


Dash ARC
AREA 22611
Reinora Mining
Div.
azmith 0'
Dip
vertical

Dip
vertical



Dash Lake Area G2671
DD 5 and DD6 Drill Hole
Location 6



Ontario — Ministry of Northern Development and Mines / Ministère du Développement du Nord et des Mines

Diamond Drilling Log / Journal de forage au diamant

Complete this form and related sketch in duplicate. Remplir en deux exemplaires la présente formule et le croquis annexé

Fill in on every page / Remplir ces cases à chaque page ⇒

Hole No. / Forage n°	Page No. / Page n°
5	1 of 2

Drilling Company / Compagnie de forage	Self. Bernard Barton
Collar Elevation / Elévation du collier	
Bearing of hole from true North/Position du forage par rapport au nord vrai	
Total Footage / Avancement total du forage	70
Dip of Hole at / Inclinaison du forage au	vertical (Collar/collier)
Address/Location where core stored / Adresse/endroit où la carotte est stockée	N½ Lot 5 Con 6 Eton Twp, Residence of B. Barton 204 Stewbeg Road
Map Reference No. / N° de référence sur la carte	G2671
Claim No. / N° de concession minière	1202133
Date Hole Started / Date de commencement du forage	Oct. 14/00
Date Completed / Date d'achèvement	Oct 20/2000
Date Logged / Date d'inscription au journal	Dec 10
Logged by / Inscrit par	B Barton
Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude)	Dash Lake AREA G2671
Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option	Bernard Barton
Date submitted / Date de dépôt	Dec 10
Submitted by (Signature) / Déposé par (signature)	Bernard Barton
Property Name / Nom de la propriété	Phinney Lake

Footage/Avancement From/De	To/A	Rock type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle* / Angle des caractéristiques planes	Core Specimen Footage/Longueur en pieds des carottes prélevées	Your Sample No. / N° d'échantillon du prospecteur	Sample Footage/Mesure de prélèvement de l'échantillon From/De	To/A	Sample Length / Longueur de l'échantillon	Assays†/Analyses minéralurgiques Au ppb	Cu ppm	Zn ppm
0	5	Casing	Gravel silt									
5	19	Basalt	Silicified green-black color									
			5% quartz replacement & calcite veins									
			at 6.5-9, 14-14.5 ft contact at TCA	50°								
			0-5% sulfides 2% py - 1-3% po minor cpy									
			on fracture planes									
19	21	Basalt	fine grained grey green color									
			& ca/cit filled fractures at 21 ft									
			2% py 2% po. Contacts at TCA	50°								
21	22	Basalt	med grained grey-black 2% py 1% po									
22	24	Basalt	med grained grey black fractured - broken									
			30% filled with quartz vein. 80% quartz from									
			22-6 to 23 ft 1% py-po		2 ft	0953	22	24	2	—		
24	25	Basalt	med grained grey green color 2% py-po	50°								
25	26.2	Basalt	med grained grey green color 25-30%									
			quartz replacement 25-30% sulfides. 5% py									
			25% po.		1 ft	0951	25	26	1	17	358	13

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

†Additional credit available. See Assessment Work Regulation.
†Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

TCA - To core Axis
Cpy - Chalcopyrite
Py - Pyrite
Po - Pyrrhotite
Cu - Copper
Zn - Zinc
Ni - Nickle
Au - gold
FT - feet

Ontario — Ministry of Northern Development and Mines / Ministère du Développement du Nord et des Mines

Diamond Drilling Log / Journal de forage au diamant

Complete this form and related sketch in duplicate. Remplir en deux exemplaires la présente formule et le croquis annexé

Fill in on every page / Remplir ces cases à chaque page ⇒

Hole No. / Forage n° : 5

Page No. / Page n° : 2-2

Drilling Company / Compagnie de forage	Bernard Barton
Collar Elevation / Elévation du collier	
Bearing of hole from true North/Position du forage par rapport au nord vrai	
Total Footage / Avancement total du forage	70
Dip of Hole at / Inclinaison du forage au	vertical (Collar/collier)
Address/Location where core stored / Adresse/endroit où la carotte est stockée	N½ Lot 5 con 6 Eton Twp Residence of B. Barton 204 Stenberg Rd.
Map Reference No. / N° de référence sur la carte	
Claim No. / N° de concession minière	1202133
Date Hole Started / Date de commencement du forage	Oct 14/2000
Date Completed / Date d'achèvement	Oct 20/2000
Date Logged / Date d'inscription au journal	Dec 10
Logged by / Inscrit par	B. Barton
Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude)	Dash Lake area.
Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option	Bernard Barton
Date submitted / Date de dépôt	Dec 10
Submitted by (Signature) / Déposé par (signature)	Bernard Barton
Property Name / Nom de la propriété	Phinney Lake

Footage/Avancement From/De	To/A	Rock type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle/Angle des caractéristiques planes	Core Specimen Footage/Longueur en pieds des carottes prélevées	Your Sample No. N° d'échantillon du prospecteur	Sample Footage/Niveau de prélèvement de l'échantillon From/De	To/A	Sample Length Longueur de l'échantillon	Assays†/Analyses minéralurgiques Au	Cu	Zn
26.2	29.2	Basalt	fine grained dark gray Green color							ppb	ppm	ppm
			20% quartz replacement specks of cpy									
			at 27' and ¼" bleb cpy at 28-6 2-3% py-po									
			over all									
29.2	33.8	Basalt	med grained grey green color 5% quartz									
			¼" calcite veins at 30, 31.6, 33, feet.									
			2-3% sulfieds py, po, contacts TCA	40°								
33.8	34	Calcite vein	5% sulfieds 2% py 2% po, 1% cpy	40°								
34	42.3	Felsic Volcanic	Tuff black-Green color 2% py 1% po.									
			gravity contact at 39'									
42.3	53.1	Basalt	fine grained - massive, 2-3% py									
			6 fine calcite veins at 52-53 ft. TCA	80°	.5	0953	52.6	53	.5	<5	38	19
53.1	65	Basalt	fine grained greenish black color									
			sheared & carbonitized 1½ to 2% sulfieds									
			with 2 inches of 50% po at 56 feet fracture at	40								
			2% cpy on fracture plane		.5	0954	56	56.6	.5	6	557	31
65	70	Basalt	fine grained greenish black 1½-2% py po brecciated									
			with calcite at 66-68 ½ bleb po at 67 ft									
70	End of hole											

0204 (03/91)

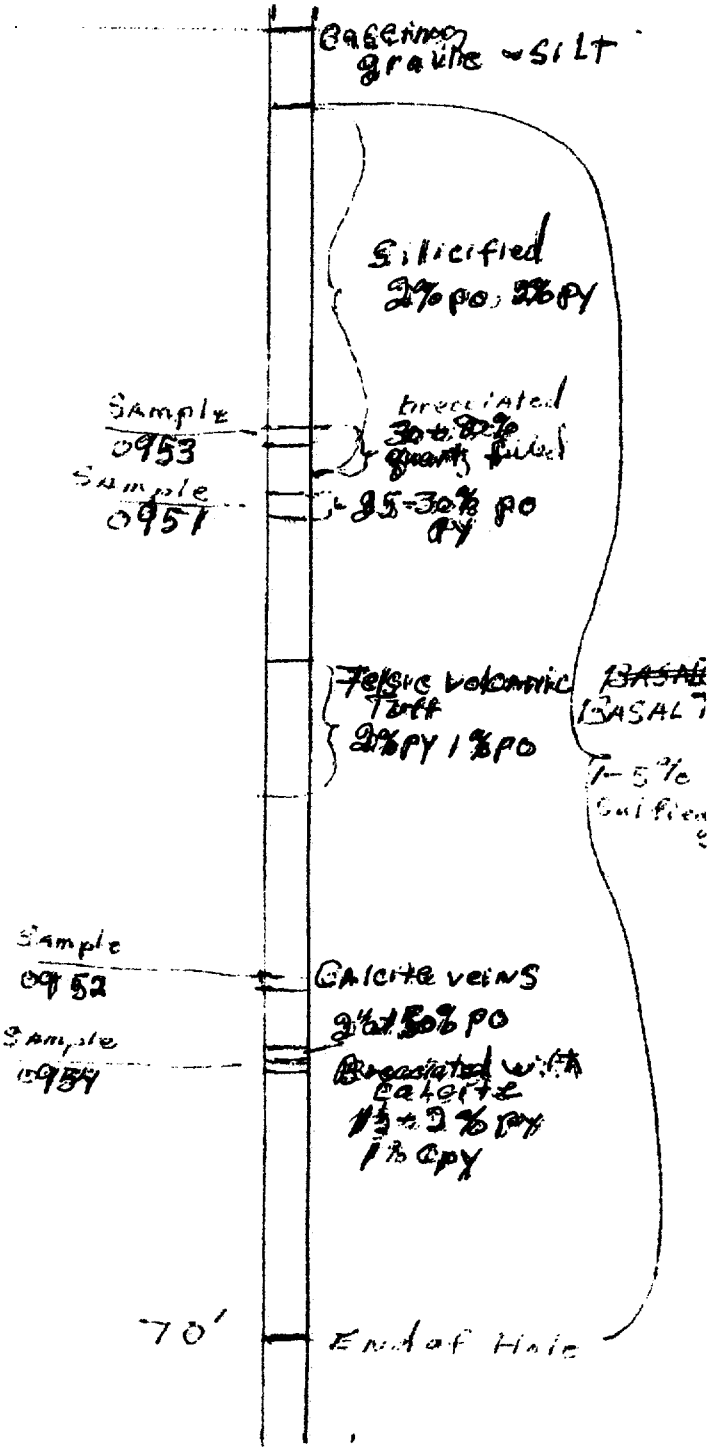
*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

†Additional credit available. See Assessment Work Regulation.
†Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

qfp quartz feldspar porphyry.
py pyrite
sph. sphalerite.
po pyrrhotite
cpy chalcopyrite

DD5
Claim 1202133
Dash Lake Area 62G11
Nemora Mining Div
NTS 52F4

1" = 10 FT
Note Diam of Hole Not to Scale



2.20851

Ontario — Ministry of Northern Development and Mines / Ministère du Développement du Nord et des Mines

Diamond Drilling Log — Journal de forage au diamant

Complete this form and related sketch in duplicate. Remplir en deux exemplaires la présente formule et le croquis annexé

Fill in on every page / Remplir ces cases à chaque page ⇒

Hole No. / Forage n° : 6

Page No. / Page n° : 161

Drilling Company / Compagnie de forage	Bernard Barton
Collar Elevation / Élévation du collier	
Bearing of hole from true North/Position du forage par rapport au nord vrai	
Total Footage / Avancement total du forage	81
Dip of Hole at / Inclinaison du forage au	vertical (Collar/collier)
Address/Location where core stored / Adresse/endroit où la carotte est stockée	N½ Lot 5 con 6 Eton twp. Residence of B. Barton 204 Stenberg Rd.
Map Reference No. / N° de référence sur la carte	G2671
Claim No. / N° de concession minière	1202133
Date Hole Started / Date de commencement du forage	Oct 22/2000
Date Completed / Date d'achèvement	Oct. 31/2000
Date Logged / Date d'inscription au journal	Dec 14
Logged by / Inscrit par	Bernard Barton
Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude)	Dash Lake Claim map G2671
Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option	Bernard Barton
Date submitted / Date de dépôt	Dec 14
Submitted by (Signature) / Déposé par (signature)	Bernard Barton
Property Name / Nom de la propriété	Phinney Lake

Footage/Avancement From/De	To/À	Rock type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle* / Angle des caractéristiques planes	Core Specimen Footage† / Longueur en pieds des carottes prélevées	Your Sample No. / N° d'échantillon du prospecteur	Sample Footage† / Niveau de prélèvement From/De	To/À	Sample Length / Longueur de échantillon	Assays† / Analyses minéralurgiques Au (ppB)	Cu (ppm)	Zn (ppm)
0	14	casing	muskeg									
14	16-9	Basalt	med grained grey black color, epodite									
			carbonate replacement shear zone									
			1% sulfides po, py (at 15-16 ft. 10% py-po									
			& tol cpy		1	0955	15	16	1	18	215	51
16-9	20	Basalt.	dark color nearly black pyrite cubes 1-2% py, po. Fractures at TCA	80°								
20	28	Basalt.	Fine grained dark-black 1% sulfides py, po,									
			Calcite filled fractures at 22-22-5 at 40° TCA	40°								
			at 27-8 to 28 40% sulfids py, po, cpy,									
28	38-8	Basalt.	Fine grained Dark grey 1-2% sulfides py, po,									
			½" calcite bands at 35' and 38ft, contacts TCA	90°								
38-8	46.5	Basalt.	fine grained dark grey 1% sulfides with occasional									
			½" blob po ¼" calcite veins 40° and 45° pyrite on fractures	90								
46.5	46-7	Basalt 40%	calcite 40% py 2%									
46.7-	63	Basalt	med. grained. black color 2% sulfids									
63	81	Basalt	fine grained dark grey 1% 1½% sulfides py, po									
			+ py on fracture planes TCA	45°								
			occasional calcite veins at 67, 72, 76, 80									
81 ft. End of Hole			1% cpy on fracture plane at 67 ft.		1	0956	80	81	1	5	83	56

0204 (03/91)

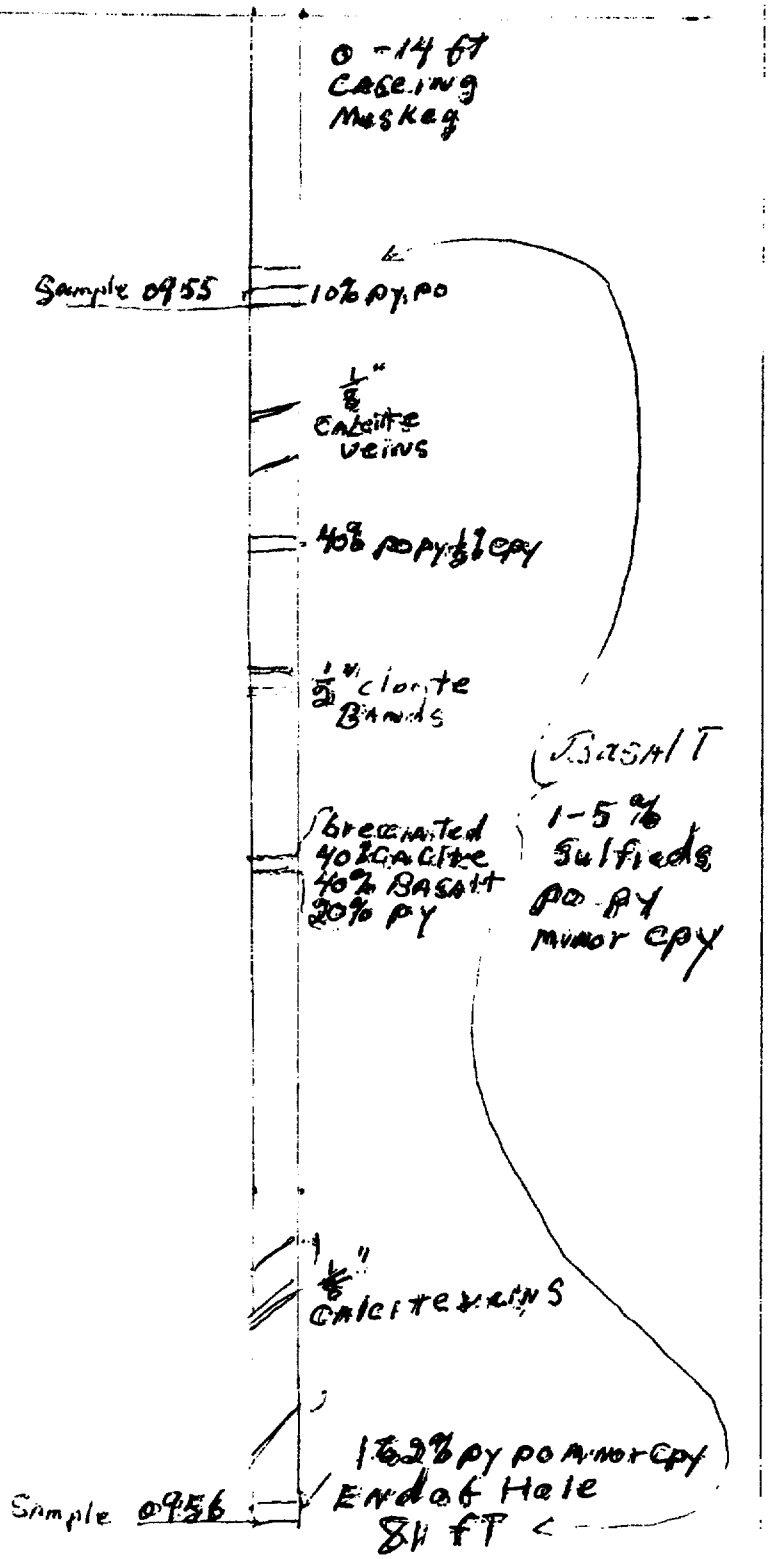
*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

†Additional credit available. See Assessment Work Regulation.
†Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

TCA - To Core Axis FT - Feet
Cpy - Chalcopyrite
py - pyrite
po - pyrrhotite
Cu - copper
Zn - zinc
Ni - nickle
Au - gold
Sp - sphalarite

DD6
Claim 1202133
Dash Lake Area 62671
Kenora Mining Div
NTS 52F4

1 inch = 10 ft
Note Diam of Hole
Not to Scale



DESCRIPTION OF SAMPLES

0492 on trail to drilling area on claim 1178183 basalt 20% py
42 ppb au 93 ppm cu 147 ppm zn

0493 near drill site hole #5 rusted basalt 10% py 55 ppm cu 47 ppm zn

Drill hole # 4

0719 drill cutings 14 to 20 ft. 87 ppm zn

0926 from 23.6 to 24.8 = 1.2 ft. felsic tuff sericite, minor py. red hematite stain
11 ppb au 6 ppm cu 126 ppm zn

0927 from 31.8 to 32.6 = .8 ft. felsic tuff 1% py. sericite , quartz eyes
red hematite stain 46 ppb au 25 ppm cu 43 ppm zn

0928 from 54 to 55 = 1ft. quartz feldspar pophyry silicified sheared
1% py fine specks sphalerite 14 ppb au 19 ppm cu 46 ppm zn

0929 from 65 to 66.6 =1.6 ft. quartz feldspar pophyry , sheared , sericite
2-3% py sph 39 ppb au 21 ppm cu 48 ppm zn

0930 from 67.6 to 69 = 1.6 ft. quartz feldspar pophyry . sericite 1/8 " blebs
py sph 8ppb au 21 ppm cu 53ppm zn

0931 from 84.8 to 86 =1.4 ft quartz feldspar pophyry . quartz eyes
blebs white feldspar , quartz flooded 1 to 2 %py 5 ppb au 19 ppm cu 72 ppm zn

0932 from 88 to 90 = 2 ft. quartz felspar pophyry brecciated with fragments
basalt and white feldspar i2 ppm cu 72 ppm zn

0933 from 90 to 91.4 = 1.3 ft. brecciated quartz feldspar porphyry 1% py
84 ppb au 19 ppm cu 25ppm zn

0934 from 97 to 101 =4 ft. brecciated quartz feldspar pophyry 1% sericite
1% py. sph 29 ppb au 21 ppm cu 88 ppm zn

DESCIPTION OF SAMPLES
CLAIM 1202133
HOLE #5

0953 from 22 to 24.= 2 ft. basalt fractured 305 filled with quartz 0ppb au

0951 from 25 to 26 =1 ft. basalt quartz replacement 25 to 30 % sulfieds
5 py 25 5 po 17 ppb au 258 ppm cu 13 ppm zn

0952 from 52.6 to 53.= .5 ft. basalt fine calcite veins 2 to 3% py.
0 ppb au 38 ppm cu 19 ppm zn

0954 from 56 to 56.6 .6 ft basalt sheared 1.5 to 2% sulfieds with 2 inches of
50% po 2% cpy on fracture planes 6 ppb au 557 ppm cu 31 ppm zn

hole # 6

0955 from 15 to 16 ft basalt . epodite carbonate replacement shear zone
10% sulfieds po. py . 1% cpy 18 ppb au 215 ppm cu 51 ppm zn

0956 from 80 to 81=1 ft basalt 1 to 1 1/2 %sulfieds py po + 1% cpy
5 ppb au 83 ppm cu 56 ppm zn

ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Certificate of Analysis

Monday, March 13, 2000

Barton, Benard
P.O. Box 254
Dryden, ON, CAN
P8N2Y8
Ph#: (807) 937-4309
Fax#: (807) 937-4309

Date Received : 09-Mar-00
Date Completed :
Job # 200040061
Reference :
Sample #: 1 Pulp's

Accurassay #	Client Id	Ag ppm	Co ppm	Cu ppm	Fe ppm	Ni ppm	Pb ppm	Zn ppm
1237	0719							87

PROCEDURE CODES: AL4FA-Zn

Certified By:

ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

Certificate of Analysis

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Wednesday, October 18, 2000

Barton, Benard
P.O. Box 254
Dryden, ON, CAN
P8N2Y8
Ph#: (807) 937-4309
Fax#: (807) 937-4309
Email:

Date Received : 16-Oct-00
Date Completed : 17-Oct-00
Job # 200041084
Reference :

Sample #: 2 **Rock**

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
46253	492	42	< 15	< 10	
46254	493	< 5	< 15	< 10	
46255 Check	493	< 5	< 15	< 10	

PROCEDURE CODES: AL4APP

Certified By:

27

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.
1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Barton, Benard
P.O. Box 254
Dryden, ON
P8N 2Y5

November 2, 2000

Job #200041084

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %
492	1.6	1.27	60	<5	11	0.5	10	0.27	2.8	41	173	55	9.21	0.02	5	1.04
493	0.7	2.08	19	<5	46	0.7	12	1.10	1.1	6	154	93	7.05	0.05	4	0.85

	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
492	444	2	0.04	42	945	12	<2	<5	0.03	<5	6	0.21	292	6	117
493	697	2	0.03	13	717	5	<2	<5	0.03	<5	32	0.60	172	<2	47

Certified By:

28

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

ASSAYERS LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.

Bernard Barton

April 8, 2000

Job #200040106

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %
926	1.3	0.66	<2	9	82	0.4	<5	4.18	<.5	19	141	6	3.29	0.15	24	2.87
927	0.3	0.45	4	6	49	0.2	<5	0.97	<.5	7	208	25	1.70	0.14	1	0.57
928	<.3	0.35	2	6	32	0.2	<5	1.31	<.5	7	176	19	1.73	0.10	7	0.79
929	0.6	0.28	21	7	27	0.3	<5	2.49	<.5	8	117	21	2.01	0.09	<1	1.26
930	<.3	0.28	<2	7	27	0.2	<5	1.98	<.5	7	115	21	1.90	0.09	2	1.08
931	0.5	0.56	7	7	40	0.3	<5	1.95	<.5	10	260	19	2.20	0.14	<1	1.22
932	<.3	0.43	6	6	33	0.3	<5	1.68	<.5	5	168	12	2.01	0.12	2	1.39
933	0.4	0.36	8	<5	32	0.1	<5	0.65	<.5	8	170	19	2.31	0.10	4	0.34
934	1.1	0.55	7	6	38	0.3	<5	2.39	0.6	7	217	21	2.04	0.13	<1	1.60

SAMPLE #	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
926	733	3	0.08	76	1566	14	<2	<5	0.04	<5	162	<.01	16	<2	126
927	415	2	0.09	14	665	6	<2	<5	0.04	<5	35	<.01	6	<2	43
928	384	3	0.09	14	276	3	<2	<5	0.03	<5	42	<.01	4	<2	46
929	580	2	0.08	11	478	11	<2	<5	0.03	<5	75	<.01	4	<2	48
930	573	<1	0.07	11	502	8	<2	<5	0.03	<5	87	<.01	4	<2	53
931	620	3	0.10	16	458	6	<2	<5	0.03	<5	54	<.01	7	<2	72
932	568	4	0.08	14	459	9	<2	<5	0.03	<5	50	<.01	6	<2	76
933	222	<1	0.07	18	261	3	<2	<5	0.04	<5	29	<.01	6	<2	25
934	947	<1	0.09	17	416	14	<2	<5	0.03	<5	54	<.01	6	<2	88

Certified By: _____

ACCURASSAY LABORATORIES

LABORATORY SERVICES INC

Certificate of Analysis

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Friday, April 1, 2000

Barton Berard
P.O. Box 234
Dryden, ON CA
P8N2Y8
Ph#: (807) [illegible]
Fax#: (807) [illegible]

Date Received : 31-Mar-00
Date Completed :
Job # 200040106
Reference :
Sample #: 9 Core

Accurassay #	Client No.	Au ppb	Au oz/t	Au g/t (ppm)
2540	926	11	<0.001	0.011
2541	927	46	0.001	0.046
2542	928	14	<0.001	0.014
2543	929	39	0.001	0.039
2544	930	8	<0.001	0.008
2545	931	5	<0.001	0.005
2546	932	<5	<0.001	<0.005
2547	933	84	0.002	0.086
2548	934	29	<0.001	0.029
2549 Check	934 check	20	<0.001	0.020

PROCEDURE CODES: AL4Au3

Certified By: [signature]

ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

Certificate of Analysis

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Monday, October 30, 2000

Barton, Benard
P.O. Box 254
Dryden, ON, CAN
P8N2Y8
Ph#: (807) 937-4309
Fax#: (807) 937-4309
Email:

Date Received : 20-Oct-00
Date Completed : 27-Oct-00
Job # 200041114
Reference :
Sample #: 2 Rock

Accurassay #		Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb	Ag ppm	Co ppm	Cu ppm	Fe ppm	Ni ppm	Pb ppm	Zn ppm
48713		951	17	< 15	< 10				358				13
48714		952	< 5	< 15	< 10								
48715	Check	952	9	< 15	< 10								

PROCEDURE CODES: AL4APP, AL4Cu, AL4Zn

Certified By: _____

31

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.
1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Barton, Benard
P.O. Box 254
Dryden, Ontario
P8N 2Y8

November 2, 2000

Job #200041114

Sample #	Al2O3 %	BaO %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	SrO %	TiO2 %	LOI %	Total %
951	10.07	0.001	28.40	0.051	27.02	0.45	1.70	0.206	0.23	0.089	27.68	0.022	0.77	5.8	102.49
952	13.60	<.001	28.59	0.129	12.88	0.34	2.05	0.192	0.27	0.122	42.11	0.027	1.65	1.4	103.35

Certified By:

32

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.
1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Barton, Benard
P.O. Box 254
Dryden, ON
P8N 2Y5

November 2, 2000

Job #200041114

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %
951	0.6	0.68	20	<5	11	0.5	<5	3.13	2.5	118	165	377	9.65	0.04	2	0.14
952	<.3	1.24	<2	<5	10	0.6	<5	2.17	<.5	6	270	38	2.12	0.03	<1	0.14

	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
951	368	4	0.02	98	108	11	<2	<5	0.05	<5	33	0.19	32	<2	19
952	253	<1	0.02	19	<100	7	<2	<5	0.06	<5	52	0.44	76	<2	8

Certified By: _____

ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

Certificate of Analysis

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Tuesday, December [illegible]

[illegible]
[illegible]
Dr[illegible] AN
PS[illegible]
Ph# [illegible]-4309
Fax# [illegible] 937-4309
Email:

Date Received : 14-Dec-00
Date Completed : 19-Dec-00
Job # 200041317
Reference :
Sample #: 4 Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
56371	953	<5	<0.001	<0.005
56372	954	6	<0.001	0.006
56373	955	18	<0.001	0.018
56374	956	<5	<0.001	<0.005
56375 Check	956	<5	<0.001	<0.005

PROCEDURE CODES: AL4Au3, AL4ICP

Certified By: Guy Kapuraica

34

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.
1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 5G3
PHONE (807) 623-6448
FAX (807) 623-6820

Barton, Benard
P.O. Box 254
Dryden, Ontario
P8N 2Y8

December 15, 2000

Job #200041317

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %
954	3.0	1.26	10	<5	8	0.5	43	1.81	1.3	155	199	557	10.36	0.03	13	0.39
955	1.9	1.69	6	<5	6	0.6	32	1.75	1.0	71	124	215	9.17	0.03	19	0.95
956	1.3	1.97	6	11	8	0.6	22	1.75	1.1	37	54	83	6.43	0.04	11	1.18

	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
954	533	7	0.06	108	<100	17	<2	<5	0.11	<5	25	0.47	88	<2	31
955	844	4	0.07	45	1354	9	<2	<5	0.15	<5	21	0.47	129	<2	51
956	857	3	0.09	27	397	10	<2	<5	0.31	<5	16	0.44	148	<2	56

Certified By:

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Crown Lands

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

W0110.00006
Assessment Files Research Imaging

ction 66(2) of the Mining Act. Under section 8 of the Mining Act, this information is correspond with the mining land holder. Questions about this collection should be ee, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

52F04SE2002 2.20851 DASH LAKE 900

Instructions: - For work performed on mining lands, use form 0241.
- Please type or print in ink

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

Name: Bernard Barton	Client Number: 105451
Address: Box 254 Dryden Ont.	Telephone Number: 807 937-4309
P8N 2Y8	Fax Number: 807 937-4309
Name	Client Number
Address	Telephone Number
	Fax Number

2.20851

2. Type of work performed. Only regional surveys and prospecting work are allowed on Crown Lands before recording. For work performed after recording a claim or on other mining lands, use form 0241.

Work Type: Diamond Drilling JK45 Hand held packsack Drill 7/8" core Loggingcore Sampling.	Office Use
	Commodity
	Total $ Value of Work Claimed: 12,193.
Dates Work Performed: From 5 (Day) 03 (Month) 2000 (Year) To 11 (Day) 11 (Month) 2000 (Year)	NTS Reference
Global Positioning System Data (if available): Township/Area: Dash Lake Area; M or G-Plan Number: G2671	Mining Division: Kenora
Kenora Mining Div	Resident Geologist District: Kenora.

Please remember to:
- 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;
- provide proper notice to surface rights holders before starting work.

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

Name: Bernard Barton.	Telephone Number: 807 937-4309
Address: Box 254 Dryden Ont P8N 2Y8	Fax Number: 807 937-4309
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, Bernard Barton. (Print Name), 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: Bernard Barton.		Date: Jan. 20/2001
Agent's Address: Box 254 Dryden ONT P8N 2Y8	Telephone Number: 807 937 4309	Fax Number: 807 937-4309

0240 (03/97)

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42I14

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

WD10.00006

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	1161131	1	4064		4064	
2	1202133	4	8129	1151	6978	
3	1161129	2		800		
4	1161133	2		800		
5	1161134	2		800		
6	1161135	10		3842		
7	1161136	10		4000		
8	1178183	2		800		
9						
10						
11						
12						
13						
14						
15						
	Column Totals	33	12193	12193	11042	

I, _____ (Print Full Name), 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 Recorded Holder or Agent Authorized in Writing	Date
Bernd Bartz	Jan. 20/2001

6. **Instructions 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):

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)	

3241 (03/97)

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Ontario Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W0110.00006

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. 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 Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling 7/8" core	77.5 meters	66	5117.53
Logging core	3 days	150. DAY	450.00
Makeing Traile			
Moving eqip To site	8 days	150. Day	1200.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
assay costs 18.		22	396
Transportation Costs			
262 Km. x 2 x 32 =	16768 Km.	.30	5030.40
Food and Lodging Costs			
		Total Value of Assessment Work	12,193.93

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.

2.20851

Certification verifying costs:

I, BERNARD BARTON (please print full name), 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 Recorded holder (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

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JAN 22 2001
GEOSCIENCE ASSESSMENT OFFICE

Signature	Date
Bernard Barton.	Jan. 20/2001

0212 (02/96)

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

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

Telephone: (888) 415-9845
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

February 12, 2001

BERNARD CLAUDE BARTON
204 STENBERG RD.
BOX 254
DRYDEN, ONTARIO
P8N-2Y8

Dear Sir or Madam:

Submission Number: 2.20851

Status

Subject: Transaction Number(s): W0110.00006 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. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

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 JIM MCAULEY by e-mail at james.mcauley@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

Lucille Jerome

ORIGINAL SIGNED BY
Lucille Jerome
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 15695
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.20851

Date Correspondence Sent: February 12, 2001 **Assessor:** JIM MCAULEY

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0110.00006	1161131	DASH LAKE	Approval	February 08, 2001

Section:
16 Drilling PDRILL

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

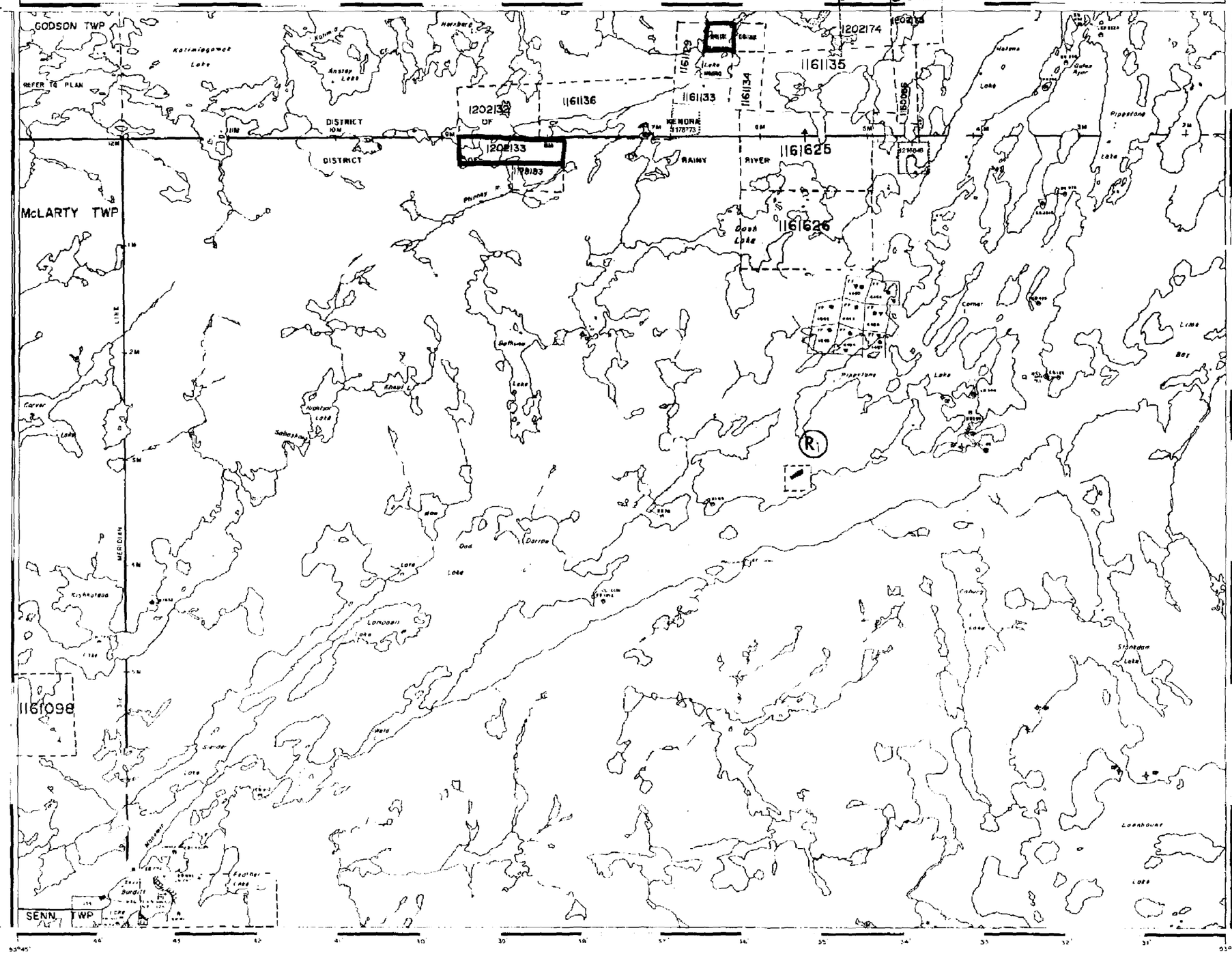
Correspondence to:
Resident Geologist
Kenora, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
BERNARD CLAUDE BARTON
DRYDEN, ONTARIO

BROOKS LAKE G-2670

2.20851 PDRILL



JACKFISH LAKE G-2678

KAIARSKONS LAKE G-2679

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	▼
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. 1908, CHAP. 30, SEC. 63, SUBSEC. 1.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. MINING RIGHTS ONLY
S.R.O. SURFACE RIGHTS ONLY
M & S MINING AND SURFACE RIGHTS

Designation	Order No.	Date	Disposition	File
R1	SEC 35 W-LL-C2348/99	ONT MAY 1399	M & S	

(200 m FROM WATER'S EDGE IN DESIGNATED AREAS)

SCALE 1 INCH = 40 CHAINS

AREA

DASH LAKE

M.N.R. ADMINISTRATIVE DISTRICT

FORT FRANCES

MINING DIVISION

KENORA

LAND TITLES / REGISTRY DIVISION

KENORA/RAINY RIVER

Ministry of Natural Resources — Land Management Branch — Ontario

DATE MARCH 1984

Number G-2671

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

52F04SE2002 2.20851 DASH LAKE 200