

FALCONBRIDGE



**FALCONBRIDGE LIMITED - EXPLORATION**

P.O. Box 1140, 571 Moneta Avenue

Timmins, Ontario

P4N 7H9

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March 15, 1995



42A11NW0024 W9560.00120 KIDD

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Mr. Gary White  
Mining Recorder  
Porcupine Mining Division  
Ministry of Northern Development  
and Mines  
60 Wilson Ave.  
Timmins, Ontario  
P4N 2S7

Dear Mr. White,

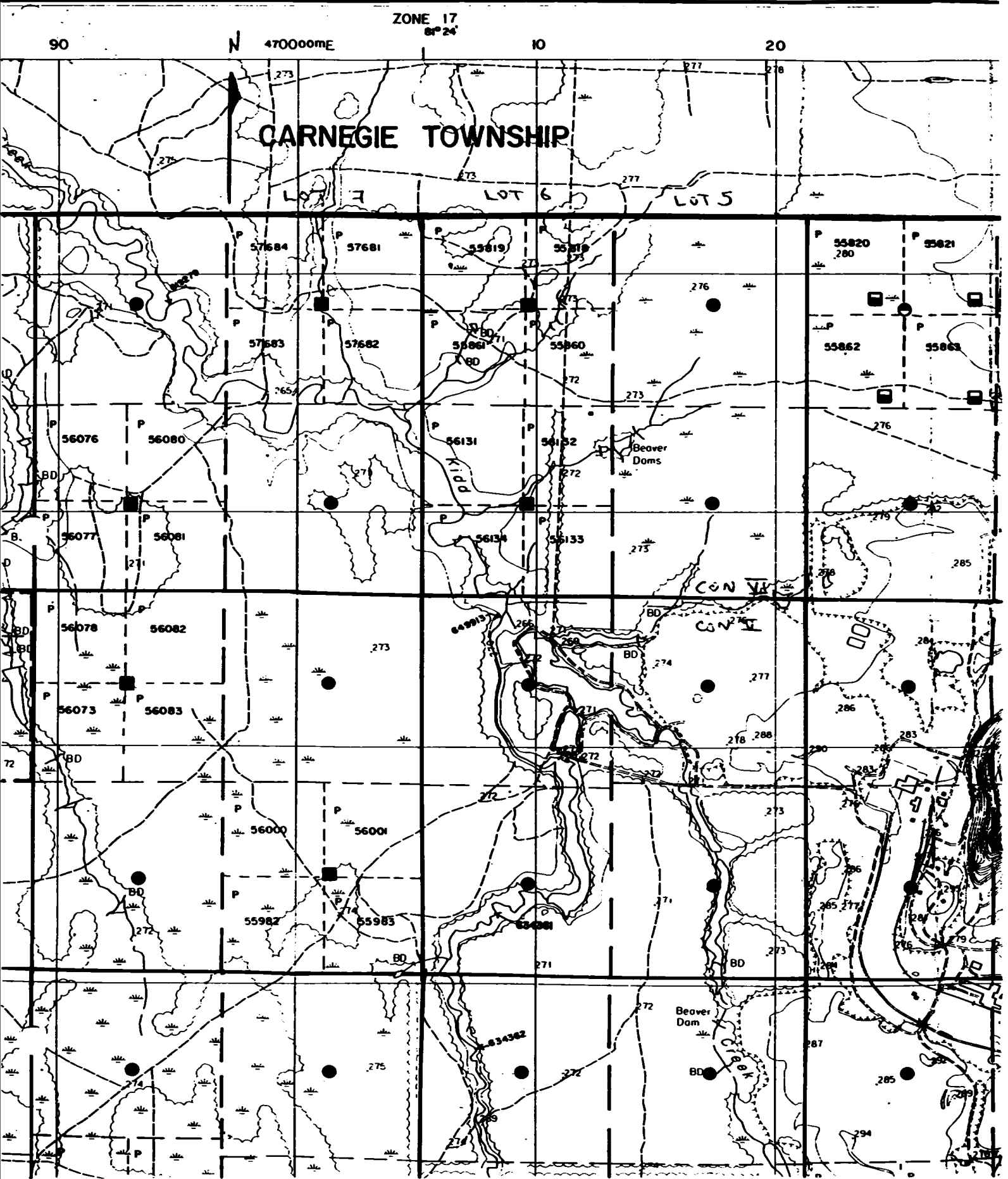
Please find attached two copies of a "Report of Work Conducted After Recording Claim" and supporting documentation to fulfill assessment requirements on the following three (3) single unit unpatented "creekbed" claims in Kidd Township: P-649913, P-634361, and P-634362. The diamond drill hole being reported was drilled on P-55861, a contiguous claim to the north.

If you have any questions regarding this matter please do not hesitate to call me at 267-1188-ext. 253.

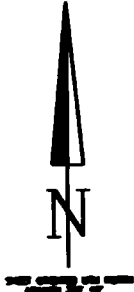
Yours Truly,

Dan Brisbin  
Project Geologist





ASTRONOMIC



470600mE

470800mE

471000mE

471200mE

5394800mN

5394600mN

5394400mN

5394200mN

5394000mN

P 55861

P 55860

P 56131

P 56132

LOT 6  
CON VI

5

Kidd  
Creek

Mine Road

K64-51  
(-75°/247°)  
333m  
90m

**LEGEND**  
**Geology**

- MAJOR ROCK DIVISIONS**
- 10 BASALT
  - 9 FELSIC INTRUSIVE ROCKS
  - 8 INTERMEDIATE INTRUSIVE ROCKS
  - 7 MPFC INTRUSIVE ROCKS
  - 6 ULTRAMAFIC INTRUSIVE ROCKS
  - 5 SECONDARY ROCKS
  - 4 FELSIC VOLCANIC ROCKS
  - 3 INTERMEDIATE VOLCANIC ROCKS
  - 2 MPFC VOLCANIC ROCKS
  - 1 ULTRAMAFIC VOLCANIC ROCKS

- TEXTURAL/GEOCHEMICAL MODIFIERS**
- A Fine Grained
  - B Medium Grained
  - C Coarse Grained
  - D Quartz-Feldspar Plagioclase
  - E Amphibole/Pyroxene
  - F Primary Fragments
  - G Crystalline/Amorphous
  - H Textured
  - I Aphanitic
  - J Calc-Alkalic
  - K Alkalitic
  - L Fluorine
  - M Basaltic
  - N Ultramafic/Spheralitic
  - O Quartz Plagioclase
  - P Gabbro Iron Formation
  - Q Pyroxene
  - R High Mg
  - S High Fe
  - T High Al
  - U Olivine
  - V Olivine
  - W Olivine
  - X Olivine
  - Y Olivine
  - Z Olivine
- ALTERATION MODIFIERS**
- (A) Alteration
  - (B) Bleached
  - (C) Carbonaceous
  - (D) Carbonatization
  - (E) Chloritization
  - (F) Epithermal
  - (G) Hematization
  - (H) Potassic Alteration
  - (I) Sulfidation
  - (J) Silicification
  - (K) Sulfatization
  - (L) Talc-Carbonatized

**FALCONBRIDGE LIMITED**



Exploration Division Timmins ONTARIO

**KIDD 64  
KIDD TOWNSHIP  
DIAMOND DRILL PLAN  
GEOLOGY MAP**

TRACED: PRODES	DATE: 17/05/84	WFS: 42-A/11	PROJECT: 8134
DRAWN: d o l	DATE: 21/02/85	MAP No:	FILE: 8134 ACF
SUPERVISED: D I Smith	DATE: 21/02/85	SCALE 1:5 000 (metres)	
REVISED: D I Smith	DATE: 03/84		





DATE: 02/14/1995

DRILL HOLE RECORD

HOLE NUMBER: K64-51

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 55.77	OVERMURDEN =-(ob)-	-light green to grey -pillow textures not well developed uphole of -massive very fine grained, featureless -Foliation moderately to strongly foliated at 20° to CA. -57.5m: lineation parallel to CA on foliation at 15° to CA -71.2-71.45m: Shear: strongly foliated at 15° to CA, fissile, with gouge = 35° from -71.5-71.35m -75.7m: crumulation cleavage at 50° to CA - 70° counter-clockwise to CA looking uphole in foliation plane at 15° to CA -76.95-77.4m: moderately to strongly foliated at 30° to CA with core breaks every 5 -watery grey		-5-10% white quartz-calcite veins <1mm to 2cm wide, mostly at 0 to 30° to CA. No alteration. Selvages on veins. -Greener, more chloritic portions are moderately calcitic. Grey carbonatized sections are only weakly calcitic. -56.6-59.8m: buff-brown, weakly sericitic -68.2-78.0m: buff-grey, weakly to moderate sericitic	-76.95-77.4m: 15% quartz-calcite veins to 10cm -shear zone?	-sericitic sections possibly felsic -unlikely but geochron sample to check
77.40 TO 77.80	FELSIC LAPILLI- STONE =d, ts	-85% rounded aphyric felsic volcanic clasts 1mm to 2cm wide flattened in plane of moderate spaced cleavage at 35° to CA -matrix is dark grey, mixed chlorite, sericite upper and lower contacts broken along cleavage at 35° to CA -medium green		-10% dark grey sericite/chlorite as interfragmental matrix and veinlets 5cm wide oriented parallel cleavage -5% white quartz-calcite veinlets 31cm wide suborthogonal to cleavage	-nil	
77.80 TO 148.00	PILLOWED MAFIC FLOWS =d, p, w	-Massive to sparsely (<1%) amygdaloidal, aphanitic cores. Amygdaloids white, 1-5mm. -selvages dark green, 0.3-2cm wide, spaced 1-3 metres apart, not obvious. Local white shaly hyaloclastite. Nonfoliated to weakly foliated at 25° to CA. -78.75-78.95m: Fault: broken and fissile along chloritic slip at 25° to CA -81.8m: Fault? broken along chloritic slip at 25° to CA -138.6-138.9m: broken along cleavage at 25° to CA -140.3-148.0m: light to medium green-grey		-pervasive moderate calcite and pervasive weak to moderate chlorite -1-3% white and grey quartz-calcite veinlets 31.5cm at various angles to CA, but mostly 20° to CA -quartz and calcite also fill vesicles -rare wispy yellow-brown sericite veinlets 50.5mm	-0.5% grains and irregular masses of anhedral nonmagnetic pyrrhotite and subhedral pyrite in selvages and quartz-calcite veinlets	

DATE: 02/14/1995

DRILL HOLE RECORD

HOLE NUMBER: K64-51

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
148.00 TO 190.90	PILLOWED MAFIC FLOWS #2,P,cb	-145.4-148.0m: moderate foliation at 30° to CA  -lower contact gradational  -pillow textures more distinct than uphole. Core buff-grey to green-grey, massive, aphanitic. -salvages 1-3cm wide, black to dark green, more closely spaced (smaller pillows) than uphole - average 3/metre -nonfoliated to weakly foliated at 35° to CA		In alteration to moderate calcite, weak chlorite, patchy buff carbonate -140.8-141.2m: 60% white quartz-calcite vein at 10° to CA -145.4-148.0m: 2% wispy brown sericite veinlets 30.5mm wide parallel foliation  -cores are moderately pervasively carbonatized (fizzes but probably not all calcite) -salvages dark green to black, moderately chloritic -1% wispy brown sericite veinlets 5mm -1% white and grey quartz-calcite veins and veinlets 0.5mm to 5cm wide mostly at 40-70° to CA -148.0-149.25m: 70% white quartz-calcite vein at 20-25° to CA -149.25-150.9m: 8% white quartz-calcite veins -2cm wide mostly parallel to foliation -1-2% wispy light brown sericite veinlets 5mm buff-grey has may be due to pervasive weak sericitization as well as moderate carbonatization	-148.4m: chalcopyrite bleb 5 x 1mm in vein  -<0.5% pyrite? specks <0.2mm	
190.90 TO 236.80	MASSIVE MAFIC FLOW OR BILL #2,7,ab	-buff-grey to green-grey  -190.9-203.2m: massive, very fine grained, featureless, buff grey  -199.8-203.2m: broken, blocky  -208.5-236.5m: massive, very fine to fine grained, greenish-grey, locally mottled-textured 3% subhedral, tan leucotene 0.3mm -weakly foliated at 30-40° to CA		-192.35m: light grey calcitic and siliceous interval 4cm wide with sharp contacts at 35° to CA -201.5-203.2m: 20% discontinuous white and grey quartz-calcite veins and patches 1-2% light brown wispy sericite veinlets 50.5mm (outside chance some is sphalerite) -208.5-236.5m: Moderately calcitic, weakly chloritic. 1% wispy light brown sericite veinlets 5mm. 5% white and greyish-white quartz-	-192.35m: 10% disseminated pyrite cubes 5mm -201.5-203.2m: 1% disseminated pyrite cubes 5mm  -208.5-236.5m: <0.5% pyrite 5mm disseminated in quartz-calcite veinlets	-alteration along flow top or salvage?

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LOGGED BY: D. I. BRIDGIN

DRILL HOLE RECORD

HOLE NUMBER: K64-51

DATE: 02/14/1995

DRILL HOLE RECORD

HOLE NUMBER: K64-51

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
238.80 TO 272.00	PILLOWED? MAFIC FLOW $\alpha_2$ , p.v., cb	-236.5-238.8m: As above, but light grey. Lower contact gradational. Weakly foliated at 30° to CA to nonfoliated. Still leucoxene speckled. -buff-grey -Massive, aphanitic to very fine grained, featureless. Nonfoliated to weakly foliated at 35° to CA. -Occasional (1 pa 5 metres) dark grey bands 1cm wide parallel foliation looks like selvages. Pillowed texture poorly developed. -occasional (0.5%) white quartz-calcite blob 3-5mm that looks like an amygdale -263.8-272.0m: as above but medium greenish-grey -lower contact gradational		calcite veinlets 1-5cm wide, mostly subparallel to foliation. -230.95-231.7m: white and grey quartz-calcite vein with contacts at 40° -Weakly to moderately carbonatized and silicified. Weakly calcitic. -5% white and grey quartz-calcite veinlets mostly 52cm, mostly subparallel foliation -236.55m: 4cm wide white and grey quartz-calcite vein at 35° to CA  -Pervasive moderate carbonatization. Moderate fizz, light blue stain-calcite/dolomite mix. -3-8% white and greyish-white quartz-calcite veins 33cm wide at various angles (commonly 0°, 20-30° and 70-90° to CA) -stain red -263.8-272.0m: weakly chloritic, moderately calcitic, 3% greyish-white quartz-calcite veinlets 51cm wide, mostly at 20-30° to CA	-230.95-231.7m: nil -236.5-238.8m: <0.5%, 0.3mm disseminated pyrite -<0.5% disseminated pyrite 50.3mm -252.15m: two 1cm wide chalcopyrite blebs in a quartz-calcite vein -0.5% very fine grained pyrite in quartz-calcite veinlets	
272.00 TO 313.70	MASSIVE MAFIC FLOW $\alpha_2$ , m, v	-medium greenish-grey to light and medium grey -Massive, very fine to fine grained featureless. 3-5% tan leucoxene 50.3mm. -286.7-313.7m: as above, but light to medium grey  -Lower contact picked at first selvage. Massive flow becomes gradationally finer grained from 311.0m, such that pillow cores downhole look identical to this portion of the massive flow.		-272.0-286.7m: medium greenish-grey, weakly chloritic, weakly calcitic. 1% greyish-white quartz-calcite veinlets <2cm. -red stain -286.7-313.7m: moderate pervasive carbonate alteration stains blue -Fe dolomite -very weak calcite 3-8% white-grey quartz -Fe dolomite veins and veinlets (stain blue) 0.5mm to 5cm, mostly at 20-40° to CA	-272.0-286.7m: <0.5% in greyish-white quartz-calcite veinlets throughout interval -286.7-313.7m: 0.5-1% pyrite 50.5mm in quartz-calcite veinlets	



DATE: 02/14/1995

DRILL HOLE RECORD

HOLE NUMBER: K64-51

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
313.70 TO 359.80	PILLLOWED MAFIC FLOW e2,p,y,cbw	-buff-grey -massive, aphanitic to very fine grained sparsely (<0.5%) amygdaloidal cores. Dark grey selvages 11cm wide are sparse (one every 3-5m) -nonfoliated  -333.0-359.6m: Medium green. Pillow selvages rare - less than one per metre. Local weak foliation at 60° to CA.		-moderate pervasive carbonate alteration -stain blue- -fe dolomite -2% grey, white, and greyish-white quartz-calcite (stain red, fizz) -veinlets <0.3mm to 4cm -lower contact gradational over ~2 metres -333.0-359.6m: Moderately chloritic, moderately calcitic 1% green chlorite-filled fractures 50.5mm. 3% greyish-white quartz-calcite veins and veinlets (red stain, fizz) 0.3mm to 2cm, mostly at 60° to CA. -342.19-342.7m: grey, green, and white quartz-calcite-chlorite vein at 10° to CA -344.0-344.4m: 60% white quartz-calcite vein with irregular contacts -354.4-354.65m: Quartz-calcite vein with 20% wallrock inclusions. Contacts at 60-50° to CA.	-0.5% disseminated pyrite 50.3mm, generally in selvages and veinlets  -330.0-359.8m: 0.5% cubic pyrite 0.3-3mm, mostly in selvages and veinlets	
359.80 TO 380.40	FELSIC LAPILLITUFF w4,Pa,2w	-lower contact sharp and broken at 25° to CA  -medium grey  -moderately hard, weakly to moderately foliated at 35° to CA -28% massive, aphanitic, siliceous felsic clasts 2mm to 5cm wide - mostly 2cm x 1cm. Occasional blocks up to 15cm wide -2% grey, anhedral quartz phenocrysts 0.5mm. -2% white feldspar phenocrysts 0.5-1mm. 75% medium grey, very fine grained matrix. 1% light green sericitic felsic clasts 52cm x 1cm. -372.2-372.6m: broken parallel core breaks into pieces <5cm -372.8-373.45m: Carbonaceous felsic tuff - black. Upper contact marked by vein, lower contact sharp but irregular (secured?) at 25-30° to CA. Carbonaceous tuff clasts 0.5-1mm immediately downhole of lower contacts suggests tops downhole.		-weakly siliceous and sericitic -2% greyish-white quartz-calcite veinlets <0.3mm to 3cm wide, mostly parallel to foliation -weakly calcitic	-0.5% disseminated pyrite cubes 0.3-3mm wide - appear to overgrow foliation	-topps downhole? weakly conductive

HOLE NUMBER: K64-51

DRILL HOLE RECORD

LOGGED BY: D.I. BRIDGEMAN

HOLE NUMBER: K64-S1

DRILL HOLE RECORD

DATE: 02/16/1995

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
380.40 TO 439.20	MASSIVE MAYIC FLOW/SILL ~2.7 m.v	<p>-374.15-375.0m: 35% black carbonaceous felsic tuff beds 1-15cm wide with irregular contacts averaging 20-30° to CA. Sharp downhole contact with flames and carbonaceous tuff cleats 0.5-1mm (rare) immediately downhole suggest tops downhole.</p> <p>-375.7-379.0m: Mottled light gray and light green. Moderately foliated at 30° to CA.</p> <p>-379.0-380.4m: Mixed zone of grey felsic lapilli-tuff (60%) and light green serfictic felsic tuff (40%). Bands 5-10cm wide with contacts parallel foliation.</p> <p>-lower contact sharp at 25° to CA</p> <p>-medium buff-green</p> <p>-Massive, featureless, sphanitic to very fine grained. 10% subhedral, tan, leucoxene grains 0.2-0.5mm. Nonfoliated to weakly foliated at 25° to CA.</p> <p>-407.7-418.0m: Mixed green and buff sections. 60% of interval amygdaloidal - white calcite- and grey carbonate-filled amygdalae 1-3mm and 5-10%. 20% of interval monolithic fragmentals (flow breccias)</p> <p>-419.3-439.2m: Fine grained, massive, 10% tan to pink leucoxene 0.3-1mm distinct 15% very fine grained amygdaloidal and brecciated sections. These are upper portions of massive flows.</p>		<p>-375.7-379.0m: moderately serfictic, weakly siliceous</p> <p>-2% white quartz-calcite veinlets 0.3mm to 3cm wide, mostly at 25° to CA</p> <p>-moderately calcitic, weakly chloritic</p> <p>-407.7-418.0m: moderate calcite, weak chlorite, weak carbonate</p> <p>-418.4m: grey, strongly calcitic band 10cm wide at 30° to CA</p> <p>-418.9-419.0m: grey strongly calcitic band at 30° to CA</p> <p>-2% grey calcite veinlets sfcm. 1% white quartz-calcite-Fe dolomite veins 1-3cm wide at 70-80° to CA with 5-10mm bleached pyritic selvages. (eg 427.2m, 428.0m)</p> <p>-427.7-436.0m: weakly chloritic, moderately calcitic (grey) to dolomitic (buff-brown)</p> <p>-435.05-436.1m: white quartz vein at 45° to CA with light green-grey serfictic-carbonatized wallrock and 30% inclusions</p> <p>-439.2-572.0m: Pervasive moderate calcite. 2-5% grey/ish-white calcite veinlets and blebs 5-2cm wide at various angles 1% chlorite-filled fractures 1mm wide.</p> <p>-457.9-458.05m: epidote-rich zone</p>	<p>-0.5-1% pyrite, mostly in fragmental sections</p> <p>-10% pyrite cubes 0.5-3mm and 5% black subhedral magnetite 0.5mm</p> <p>-8% pyrite cubes 0.5-3mm wide, 5% anhedral black magnetite grains.</p> <p>-0.5% pyrite 30.5mm adjacent quartz-carbonate veins</p> <p>-nil</p> <p>-50.5% subhedral pyrite 52mm</p>	<p>-topa downhole? weakly conductive</p> <p>-topa uncertain but appear to be uphole based on flow textures</p> <p>-uncertain topa uphole based on contacts of breccia sections</p>
439.20 TO 576.00	MASSIVE AND PILLOWED MAYIC FLOWS ~2.8 m.p.v	<p>-439.2-572.0m: Consistently medium green to grey, massive with 10% chilled, brecciated, sphanitic flow top breccia intervals 10-50cm wide up to 10% grey leucoxene 50.5mm - most visible in coarsest sections. Flow breccias spaced 1-5m apart. Topa based on breccia</p>				-topa uphole?

HOLE NUMBER: K64-S1

DRILL HOLE RECORD

LOGGED BY: D. I. BRISBIN

DATE: 02/14/1995

DRILL HOLE RECORD

HOLE NUMBER: K64-51

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
576.00 TO 596.90	MASSIVE AND BRECCIATED MAFIC FLOWS <2,m,"g,"v,"cb>	<p>contacts both uphole and downhole - probably large pillows. Most tops determinations uphole. Monofoliated to weakly foliated at 40° to CA.</p> <p>-475.3-475.6m: Carbonaceous flow top breccia. Contacts sharp at 30-40° to CA. Contacts suggest tops uphole.</p> <p>-476.0-476.3m: Carbonaceous flow top breccia. Contacts sharp at 35-45° to CA. Tops inconclusive.</p> <p>-515.5-572.9m: 2-3% white calcite amygdulites 1-3cm wide over 50% of section</p> <p>-572.9-576.0m: mottled light grey and dark grey questionable light grey, siliceous aphanitic, felsic fragments of boudinaged quartz veins 3m to 2cm wide at 40° to CA with 1% pyrrhotite in adjacent mafic rock</p> <p>-buff-grey</p> <p>-Massive to weakly crinkle brecciated to auto-brecciated. Groundmass is aphanitic, featureless.</p> <p>-595.8-596.15m: Grey mafic fragmental unit with sharp contacts at 30° to CA. Looks like lapillituff, but probably flow breccia. Weak to moderate foliation at 30° to CA.</p> <p>-lower contact sharp at 30° to CA</p> <p>-black and grey</p> <p>-moderately foliated at 35° to CA</p> <p>-569.9-598.5m: buff-grey monolithic mafic fragmental</p> <p>-598.5-598.7m: graphitic argillite</p> <p>-598.7-599.25m: monolithic, buff-grey mafic fragmental</p>		<p>with 5% quartz stringers 25mm wide</p> <p>-pink, hematite? staining of hydroxylite shreds</p> <p>-weak greyish-purple hue to some fragments</p> <p>-551.4-551.6m: grey calcite vein with sharp contacts at 50° to CA</p> <p>-572.9-576.0m: mixed medium green-grey calcitic and buff carbonatized</p> <p>-pervasive bleaching in dolomite - no fizz or stain</p> <p>-calcite confined to 1% white veinlets 31.5cm wide at various angles</p> <p>-2-3% black chlorite filling irregular fractures 55mm wide</p> <p>-grey colour due to pervasive weak silicification</p> <p>-3% calcite veinlets 5mm wide</p> <p>-mafic fragmental portions are strongly calcitic</p> <p>-3-5% greyish-white calcite veinlets 5mm, mostly parallel foliation</p>	<p>-nil</p> <p>-0.5% cubic pyrite</p> <p>-551.4-551.6m: 2% anhedral, magnetic pyrrhotite, 2% pyrite cubes 0.5-1mm, 0.5% chalcopyrite associated with pyrrhotite, 0.5% red sphalerite casting</p> <p>-572.9-576.0m: &lt;0.5% magnetic pyrrhotite</p> <p>-&lt;0.5% disseminated pyrite 0.3-0.5mm</p> <p>-3% disseminated subhedral pyrite 52mm</p> <p>-3% anhedral to subhedral pyrite stringers, blebs, and grains. 1% anhedral, magnetic pyrrhotite stringers blebs. Trace chalcopyrite.</p> <p>-596.95m: 2.5cm wide band of massive</p>	<p>-nonconductive</p> <p>-tops uphole</p> <p>-nonconductive</p> <p>-conductive</p>
596.90 TO 600.30	MIXED GRAPHITIC ARGILLITE AND MAFIC FLOW BRECCIAS <0,0,2,"v">					

DATE: 02/14/1995

DRILL HOLE RECORD

HOLE NUMBER: K64-51

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
600.50 TO 652.07	PILLOWED AND BRECCIATED MAFIC FLOWS +2.P., e., v <sup>n</sup>	-599.25-599.95m: black graphitic argillite -599.95-600.25m: white quartz-calcite vein with black graphite inclusions -600.25-600.5m: black graphitic argillite -all contacts parallel foliation at 30-35° to CA -Lower contact sharp at 10° to CA. Primary textures obscured by calcite alteration and foliation. -medium greenish-grey -pillow selvages not well developed - darker bands 1-2cm wide often hosting calcite veinlets, pyrite, and pyrrhotite. Pillow cores are massive, very fine grained and featureless. -monolithic flow breccia intervals 10-30cm long comprise 5% of interval -600.5-605.7m: 5% graphitic argillite intervals 1-5cm wide at 10-40° to CA -624.0-626.75m: black graphitic argillite with sharp contacts parallel weak foliation at 35° to CA -625.4-625.6m: black graphitic argillite with sharp contacts parallel moderate foliation at 40° to CA -629.4-629.7m: badly broken		-pervasive moderate calcite alteration (fizz) with minor Fe dolomite spots (blue stain) -3-5% irregular greyish-white calcite veinlets 51cm wide at various orientations  -3-5% irregular grey-white calcite veinlets 51mm	pyrite at 30° to CA  -1% subhedral to euhedral pyrite 0.5-2mm and 0.5% anhedral  -5% magnetic pyrrhotite blebs and stringers. <0.5% chalcopyrite specks occur with pyrrhotite.  -5% magnetic pyrrhotite blebs and grains 53cm x 2mm elongate parallel foliation. One 1-2mm wide calcite veinlets at 45° to CA with 70% subhedral pyrite 51mm	
652.07 TO 652.07	E.O.H.					-weakly conductive -weakly conductive

HOLE NUMBER: K64-51

DRILL HOLE RECORD

LOGGED BY: D.I. BRISBIN

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DATE: 14/02/1995

ASSAYS SHEET

HOLE NUMBER : K64-51

Sample	From (M)	To (M)	Leng. (M)	ASSAYS SHEET													Comments
				Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb					
AP05702	187.70	190.70	3.00	93	137	10	0.1	173					62				
AP05703	192.30	192.35	0.05	65	133	14	0.1	14					29				
AP05704	201.50	203.20	1.70	91	179	7	0.1	2					36				
AP05705	301.50	303.00	1.50	100	140	10	0.2	1					38				
AP05706	551.40	551.60	0.20	1060	448	3	0.8	1					34				
AP05707	596.90	598.50	1.60	103	234	14	0.2	44					95				
AP05708	598.50	600.50	2.00	117	211	17	0.2	16					52				
AP05709	624.00	624.75	0.75	262	524	7	0.1	1					45				

ASSAYS SHEET

HOLE NUMBER : K64-51

DATE: 14/02/1995

GEOCHEMICAL ASSAY

HOLE NUMBER: K64-51

Sample	From (M)	To (M)	Legth. (M)	SI02 %	AL2O3 %	CAO %	MOO %	MA2O %	K2O %	FE2O3 %	TiO2 %	P2O5 %	MNO %	CR2O3 %	LOI %	SUM %	Y PPM	ZR PPM	BA PPM	CU PPM	ZN PPM	NI PPM	CR FIELD PPM NAME	CHEM IO	ALUM
AP02726	72.50	75.50	3.00	54.36	15.65	8.50	1.54	1.84	0.80	6.89	0.74	0.10	0.22	0.04	9.37	100.01	20	42		60	45	185	2,P	3NI	140
AP02727	77.40	77.80	0.40	48.10	13.01	4.59	1.30	1.38	0.64	5.56	0.30	0.04	0.16	0.05	5.59	100.65	124	172		25	45	65	4,6b,c	4HZ	197
AP02728	105.00	108.00	3.00	42.86	12.21	8.59	5.06	0.13	0.02	19.33	1.44	0.14	0.53	0.01	10.68	100.99	40	82		80	130	70	2,P,Ch	2NI	140
AP02729	135.00	138.00	3.00	42.92	12.64	10.51	4.30	1.61	0.08	15.65	1.50	0.16	0.43	0.01	11.10	100.88	36	84		90	125	60	2,P,Ch	2NI	104
AP02730	163.00	166.00	3.00	46.69	17.74	8.33	2.73	3.04	0.56	9.57	0.87	0.08	0.22	0.01	9.81	99.64	20	38		65	80	185	2,P,Ch	3NI	149
AP02731	191.00	194.00	3.00	44.90	12.86	8.84	3.81	0.85	0.38	14.86	1.50	0.16	0.37	0.01	11.15	99.67	36	80		80	160	45	2,m,Cb	2NI	128
AP02732	213.00	216.00	3.00	49.64	13.50	6.63	2.43	1.94	1.08	14.53	1.56	0.14	0.40	0.02	8.77	100.63	30	84		80	90	70	2,m,Cb	2NI	140
AP02733	247.00	250.00	3.00	44.20	12.68	8.77	4.21	2.75	0.06	15.13	1.50	0.14	0.41	0.01	10.88	100.72	36	88		80	115	50	2,m,Cb	2NI	109
AP02734	277.00	280.00	3.00	47.28	12.04	8.62	3.98	2.90	<0.02	14.14	1.50	0.12	0.31	0.01	9.84	100.74	34	82		85	120	30	2,m	2NI	104
AP02735	313.00	316.00	3.00	41.16	12.02	8.27	4.29	2.08	0.14	15.11	1.42	0.12	0.30	0.01	13.50	98.40	36	78		60	145	30	2,P,Cb	2NI	115
AP02736	343.00	348.00	3.00	46.84	12.33	8.68	4.82	2.51	<0.02	15.12	1.52	0.14	0.30	0.01	8.34	100.59	36	80		80	125	50	2,P,Ch	2NI	110
AP02737	361.00	364.00	3.00	71.14	11.06	2.28	1.93	1.08	1.56	7.56	0.15	0.02	0.16	0.05	3.79	100.74	210	296		10	230	25	4,6b,c	4HZ	225
AP02738	376.00	379.00	3.00	77.55	11.76	1.38	1.10	1.38	2.58	2.30	0.11	<0.02	0.05	0.05	2.70	100.92	230	286		10	145	15	4,6b,c	4HZ	220
AP02739	419.30	422.30	3.00	48.15	11.85	6.59	5.10	1.71	0.16	15.45	1.61	0.22	0.29	0.03	8.91	100.04	52	138		75	145	45	2,m,Cb	2NI	140
AP02740	440.00	443.00	3.00	45.36	12.48	8.58	4.83	3.18	<0.02	14.02	1.74	0.20	0.23	0.01	8.95	99.58	50	130		50	130	50	2,m,Cb	2NI	106
AP02741	470.00	473.00	3.00	45.15	13.40	7.11	5.31	2.94	0.30	17.11	1.83	0.20	0.29	0.02	5.91	99.56	52	130		75	145	70	2,m,Cb	2NI	129
AP02742	499.00	502.00	3.00	47.73	13.11	6.31	7.18	1.93	0.08	16.83	1.80	0.20	0.23	0.02	4.80	100.21	56	134		60	130	50	2,m,Cb	2NI	158
AP02743	526.00	529.00	3.00	48.00	12.77	7.15	4.79	2.82	0.02	15.72	1.93	0.24	0.25	0.01	7.04	100.75	56	140		60	130	50	2,m,Cb	2NI	128
AP02744	560.00	563.00	3.00	45.42	12.87	8.73	3.89	2.88	0.40	13.61	1.74	0.24	0.27	0.01	8.29	98.33	54	126		35	120	40	2,m,Cb	2NI	107
AP02745	590.00	593.00	3.00	49.04	17.47	9.14	4.01	3.37	0.70	9.08	1.15	0.14	0.22	0.03	5.49	99.81	30	74		55	110	110	2,1,Cb	2NI	132
AP02746	626.70	629.70	3.00	46.87	12.98	7.34	5.01	2.77	0.64	12.59	1.26	0.14	0.30	0.01	10.50	100.40	32	76		50	130	35	2,P,Cb	2NI	121

GEOCHEMICAL ASSAY

HOLE NUMBER: K64-51

HOLE NUMBER : K64-51

GEOCHEMICAL ASSAYS

DATE: 14/02/1995

Sample	From (M)	To (M)	Leg. (M)	RB PPM	SR PPM	CO2 %	AG PPM	AU PPB	CO PPM	PB PPM	S PPM	V PPM	AS PPM	SN PPM	CD PPM	SB PPM	BT PPM	SE PPM	HF PPM	TA PPM	V PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	MO PPM	
AP02726	72.50	75.50	3.00						55		500																			
AP02727	77.40	77.80	0.40						20		300																			
AP02728	105.00	108.00	3.00						45		1300																			
AP02729	135.00	138.00	3.00						45		1900																			
AP02730	163.00	166.00	3.00						60		1400																			
AP02731	191.00	194.00	3.00						45		1300																			
AP02732	213.00	216.00	3.00						45		1600																			
AP02733	247.00	250.00	3.00						45		1500																			
AP02734	277.00	280.00	3.00						45		1400																			
AP02735	313.00	316.00	3.00						45		2500																			
AP02736	345.00	348.00	3.00						45		300																			
AP02737	361.00	364.00	3.00						5		800																			
AP02738	376.00	379.00	3.00						45		700																			
AP02739	419.30	422.30	3.00						40		1300																			
AP02740	440.00	443.00	3.00						50		2000																			
AP02741	470.00	473.00	3.00						45		1400																			
AP02742	499.00	502.00	3.00						45		400																			
AP02743	526.00	529.00	3.00						45		1200																			
AP02744	560.00	563.00	3.00						30		2700																			
AP02745	590.00	593.00	3.00						50		2200																			
AP02746	626.70	629.70	3.00						40		400																			

HOLE NUMBER : K64-51

GEOCHEMICAL ASSAYS

PAGE: 11

# Report of Work Conducted After Recording Claim

Mining Act

Transaction Number  
W9560.00120

Personal information collected on this form is obtained under the authority of the this collection should be directed to the Provincial Manager, Mining Lands, M Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.



900

- Instructions:**
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) <b>FALCONBRIDGE LIMITED</b>		Client No. <b>130 679</b>
Address <b>P.O. Box 1140, Timmins, Ont, P4N 7H9</b>		Telephone No. <b>267-1188</b>
Mining Division <b>PORCUPINE</b>	Township/Area <b>KIDD</b>	M or G Plan No. <b>G-3951</b>
Dates Work Performed From: <b>FEB. 1, 1994</b>		To: <b>MARCH 3, 1995</b>

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

Work Group	Type
<input type="checkbox"/> Geotechnical Survey	
<input checked="" type="checkbox"/> Physical Work, Including Drilling	<b>ONE 652 METRE DIAMAND DRILL HOLE</b>
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ **31,076**

**Note:** The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

**Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)**

Name	Address
<b>DAN BRISBIN</b>	<b>FALCONBRIDGE LIMITED</b>
	<b>P.O. Box 1140</b>
	<b>TIMMINS, ONTARIO</b>
	<b>P4N 7H9</b>

**RECORDED**  
**MAR 15 1995**  
Receipt \_\_\_\_\_

(attach a schedule if necessary)

**Certification of Beneficial Interest** \* See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date <b>MARCH 15/95</b>	Recorded Holder or Agent (Signature) <b>[Signature]</b>
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**Certification of Work Report**

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.	Date <b>MARCH 15/95</b>	Recorded Holder or Agent (Signature) <b>[Signature]</b>
Name and Address of Person Certifying <b>DAN BRISBIN, FALCONBRIDGE LIMITED, AS ABOVE</b>	Receipt _____	
Telephone No. <b>267-1188</b>	Date <b>MARCH 15/95</b>	Certified By (Signature) <b>[Signature]</b>

**For Office Use Only**

Total Value Cr. Recorded <b>31,076.</b>	Date Recorded <b>JUN 13, 1995</b>	Mining Recorder <b>T. Binkley</b>	<div style="border: 2px solid black; padding: 10px; width: 150px; margin: auto;"> <p><b>RECEIVED</b> (c) <b>MAR 15 1995</b> <b>TA 2:00</b> PORCUPINE MINING DIVISION</p> </div>
Deemed Approval Date <b>JUN 13, 1995</b>	Date Approved <b>JUNE 13/95</b>		
Date Notice for Amendments Sent			







Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des mines

**Statement of Costs  
for Assessment Credit**

**État des coûts aux fins  
du crédit d'évaluation**

**Mining Act/Loi sur les mines**

Transaction No./N° de transaction

W9560.00120

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 150 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 150, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

**1. Direct Costs/Coûts directs**

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain	\$1000	\$1000
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type DRILLING	\$30,076	
			\$30,076
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
<b>Total Direct Costs Total des coûts directs</b>			<b>\$31,076</b>

**2. Indirect Costs/Coûts indirects**

\*\* Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
<b>Sub Total of Indirect Costs Total partiel des coûts indirects</b>			
<b>Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)</b>			
<b>Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)</b>		<b> Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)</b>	

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

**Filing Discounts**

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

**Remises pour dépôt**

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	x 0,50

**Certification Verifying Statement of Costs**

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

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

to make this certification

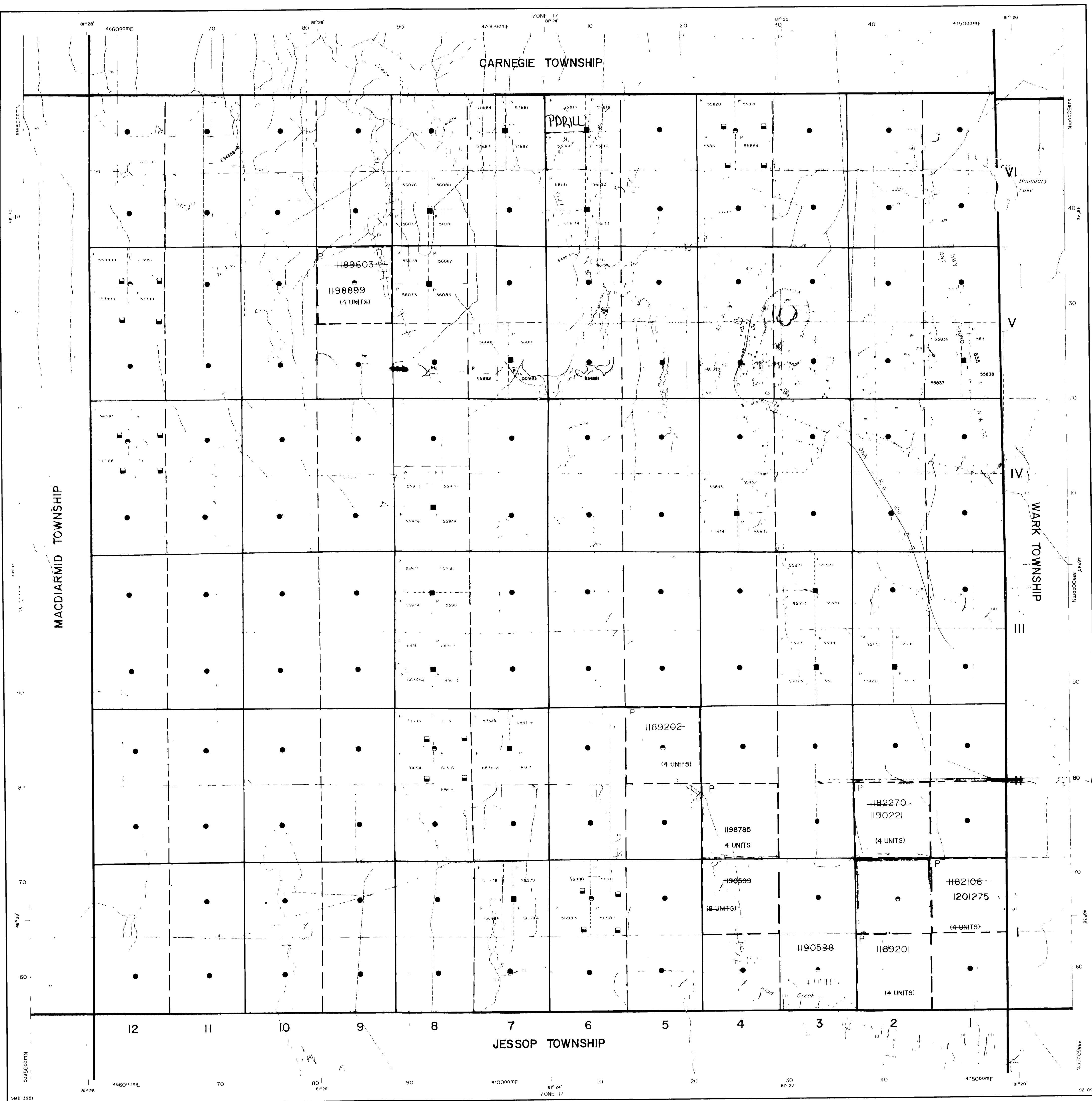
**Attestation de l'état des coûts**

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de \_\_\_\_\_ je suis autorisé  
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

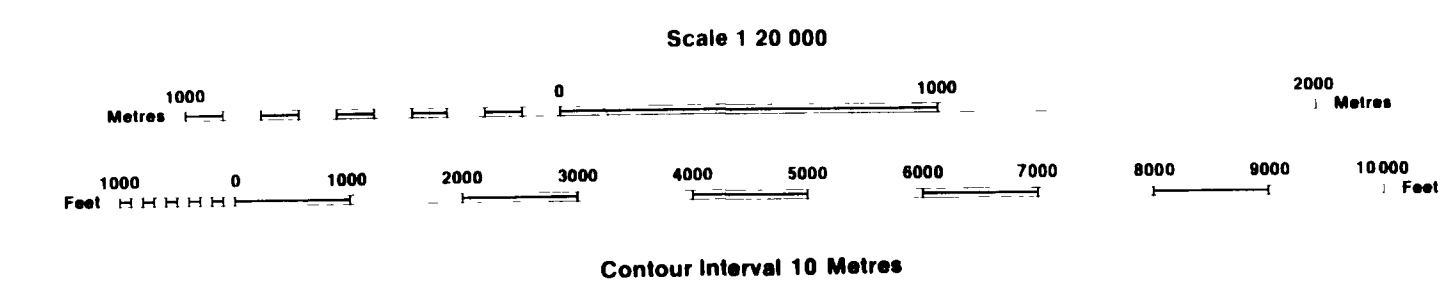
Signature <u>D 78 L</u>	Date MARCH 15/95
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**INDEX TO LAND DISPOSITION**

PLAN  
**G-3951**  
TOWNSHIP  
**KIDD**

M.N.R. ADMINISTRATIVE DISTRICT  
**TIMMINS**  
MINING DIVISION  
**PORCUPINE**  
LAND TITLES/REGISTRY DIVISION  
**COCHRANE**



**AREAS WITHDRAWN FROM DISPOSITION**  
MRO - Mining Rights Only  
SRO - Surface Rights Only  
M + S - Mining and Surface Rights

**SYMBOLS**

- Boundary
- Township, Meridian, Baseline
- Road allowance, surveyed
- shoreline
- Lot/Cession, surveyed
- unsurveyed
- Parcel, surveyed
- unsurveyed
- Right-of-way, road
- railway
- utility
- Reservation
- Cliff, Pit, Pile
- Contour
- Interpolated
- Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway, single track
- double track
- abandoned
- Road, highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

**DISPOSITION OF CROWN LANDS**

- 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
- Cancelled
- Reservation
- Sand & Gravel

**NOTES**  
THIS TOWNSHIP LIES WITHIN THE MUNICIPALITY OF THE CITY OF TIMMINS

ACTIVATED MARCH 11, 1993  
BY D.C.

Map base and land disposition drafted by Surveys and Mapping Branch, Ministry of Natural Resources

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only

