



52F055E0042 40 ROWAN LAKE

010

DIAMOND DRILLING

Area: Rowan Lake

Report No: 40

WORK PERFORMED FOR: Falconbridge Ltd.

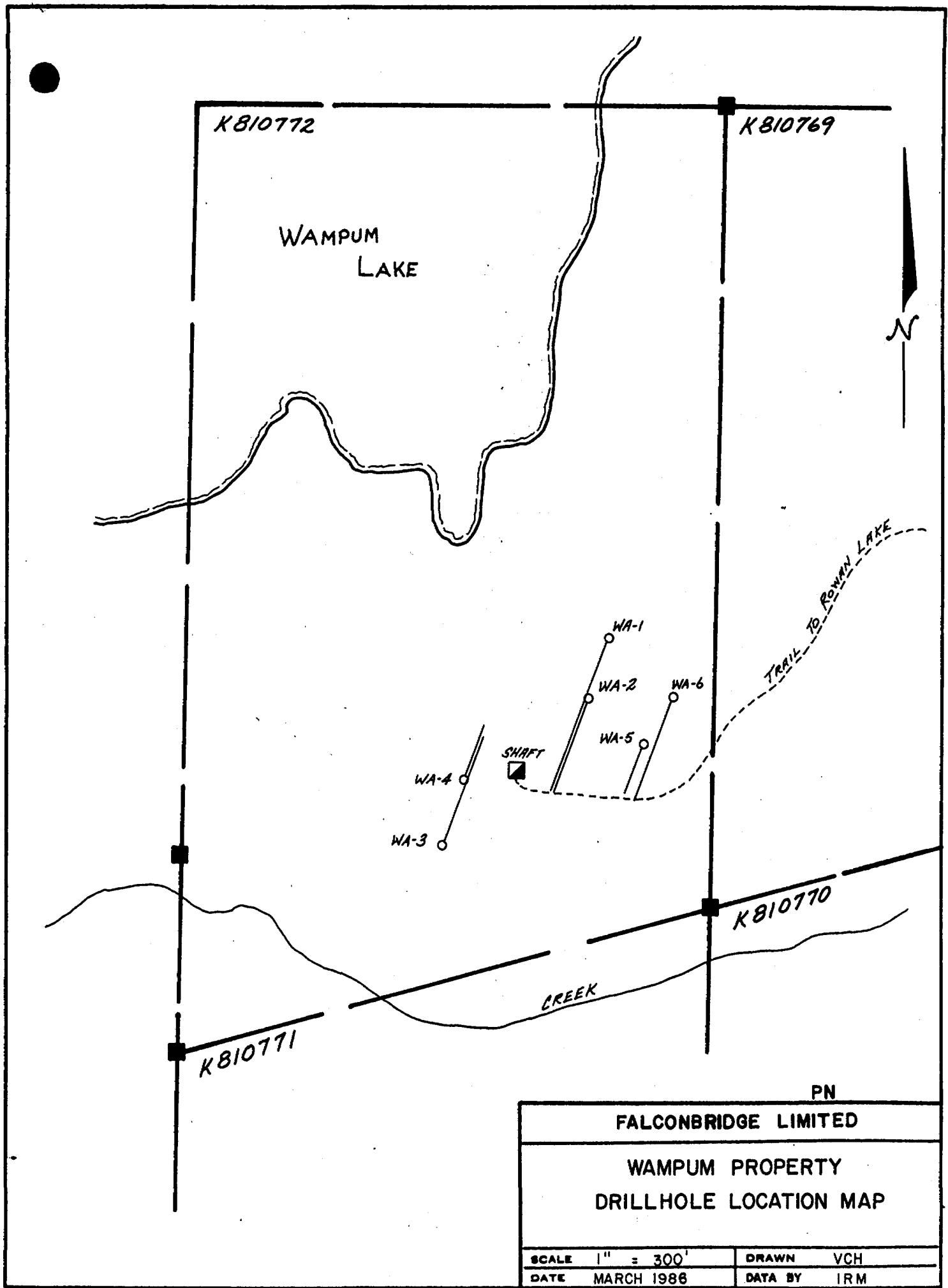
RECORDED HOLDER: SAME AS ABOVE [x]

: OTHER []

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
K 810772	WA-3	360	Jan/86	(1)
"	WA-4	190	"	(1)
"	WA-5	190	"	(1)
"	WA-6	360	"	(1)

1106'

NOTES: (1) #47-86

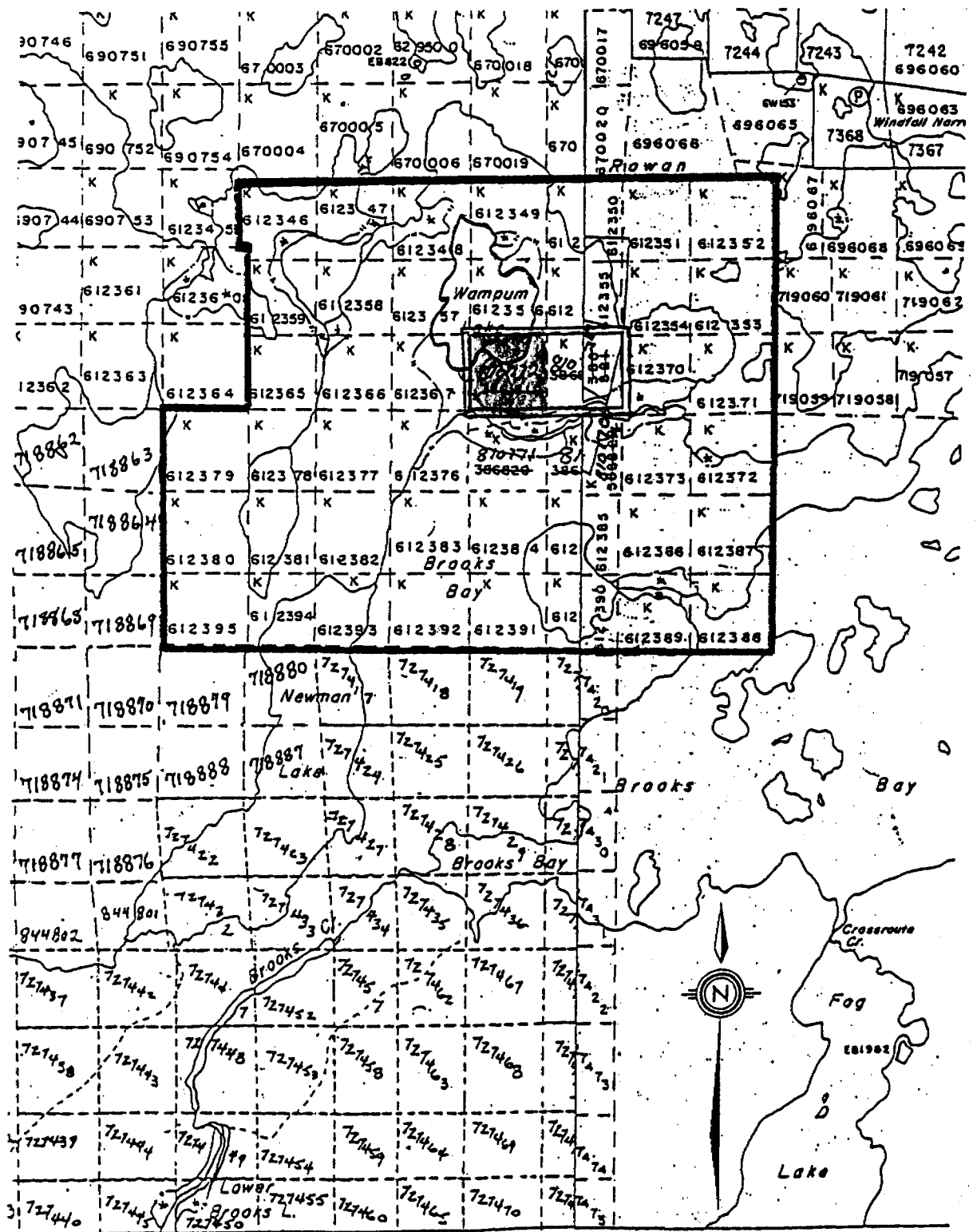


PN

FALCONBRIDGE LIMITED

WAMPUM PROPERTY
 DRILLHOLE LOCATION MAP

SCALE	1" = 300'	DRAWN	VCH
DATE	MARCH 1986	DATA BY	IRM



Rowan Lake (M2580) and Lawrence Lake (G2681)

1" = 1/2 mile

Claim Sheets

Figure 2

Wampus Lake Property Outline

IW 00 1E 2E 3E 4E 5E

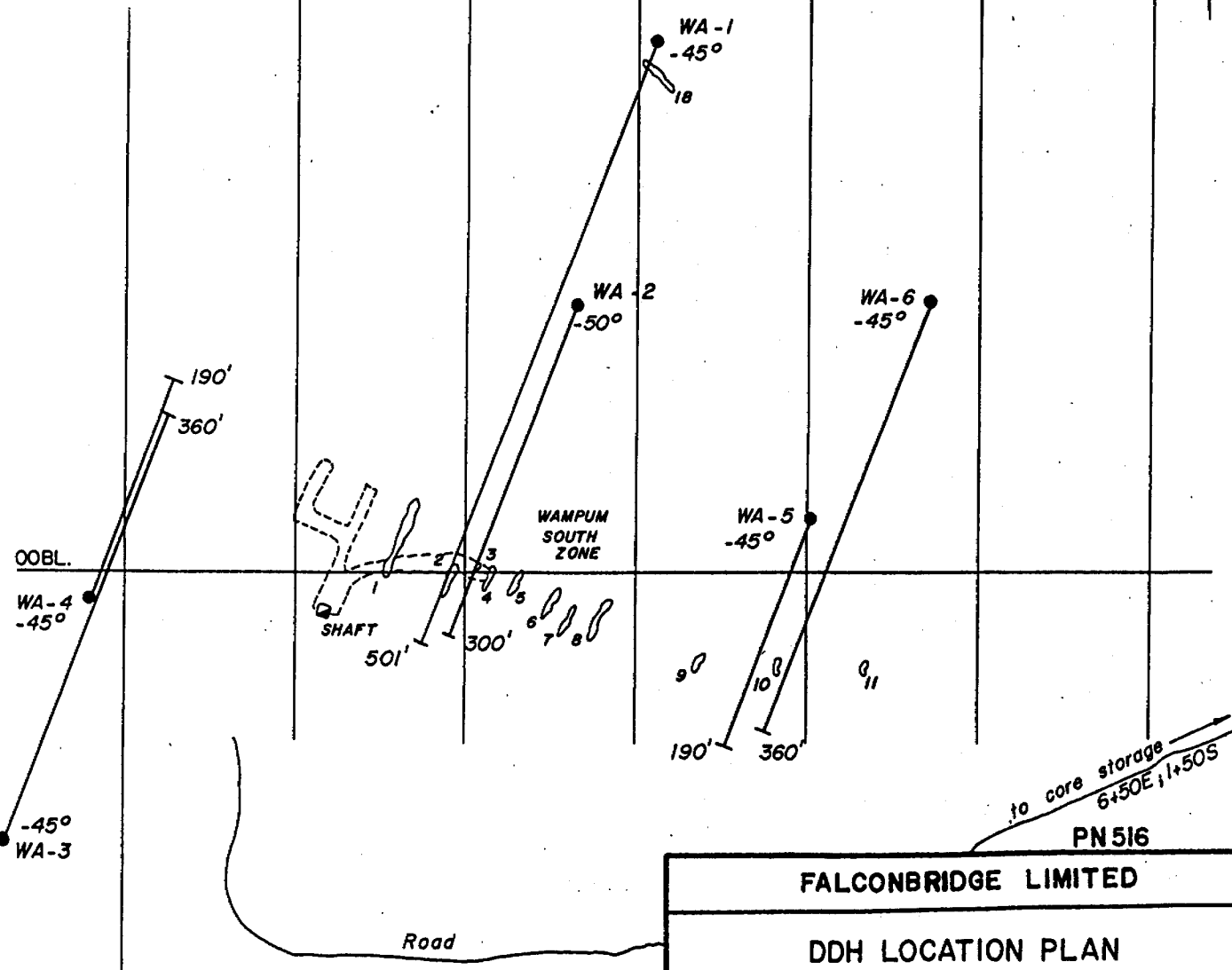
1985-1986

DDH	COLLAR
WA-1	3+09N; 2+10E
WA-2	1+54N; 1+64E
WA-3	1+55S; 1+70W
WA-4	0+15S; 1+20W
WA-5	0+31N; 3+01E
WA-6	1+58N; 3+70E

NOTE:

- All holes on sections oriented Grid N 21°E
- Sections on 200' centres

WAMPUM NORTH ZONE



to core storage
6+50E; 1+50S
PN 516

FALCONBRIDGE LIMITED	
DDH LOCATION PLAN WAMPUM LAKE PROPERTY	
SCALE	1" = 100'
DATE	JAN. 22, 1986
DRAWN	VCH
DATA BY	IRM

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION 1+55S / 1+70W DIRECTION N21°E DIP -45° HOLE No. WA-3
 LOGGED BY D.F. Bosowec CASING BW SHEET No. 1
 STARTED January 15, 1986 CORE SIZE IBQ CORRECTED TESTS 20'-45°
 FINISHED January 16, 1986 100'-42° 200'-42° 300'-42°
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	SUMMARY LOG	DESCRIPTION
0.0	7.0		<u>OVERBURDEN</u> (casing left in)	
7.0	19.0	NM	<u>ALTERED MAFIC - INTERMEDIATE TUFF</u> (1c)	
19.0	48.0	NM	<u>MAFIC-INTERMEDIATE TUFF</u> (1c)	
48.0	55.7	NM	<u>FELSIC INTRUSIVES</u> (5a/5b)	
55.7	99.8	WM	<u>CHERTY TUFF</u> (2a); <u>MINOR GREYWACKE</u> (3a)	
99.8	119.5	WM	<u>MAFIC FLOW</u> (1a)	
119.5	124.6	MM	<u>BRECCIATED FLOW</u> (1d)	
124.6	142.0	MM	<u>MAFIC FLOW</u> (1a)/ <u>MAFIC TUFF</u> (1c)	
142.0	162.2		<u>FELDSPAR PORPHYRY</u> (5b)	
162.2	170.0	NM	<u>MAFIC FLOW</u> (1a)	
170.0	174.2	NM	<u>CHERTY TUFF</u> (2a)	
174.2	180.0	NM	<u>BRECCIATED FLOW</u> (1d)	
180.0	192.6	SM	<u>MAFIC TO INTERMEDIATE TUFF</u> (1c)	
192.6	195.7	NM	<u>MAFIC FLOW</u> (1a)	
195.7	229.2	NM	<u>MAFIC TO INTERMEDIATE TUFF</u> (1c)	
229.2	239.9	WM	<u>MAFIC FLOW</u> (1a)	
239.9	262.3	SM	<u>GABBRO</u> (4)	
262.3	271.1	NM	<u>CRYSTAL TUFF</u> (2b); <u>MINOR DEBRIS FLOW</u> (3c)	
271.1	283.4	NM	<u>SILICIFIED ZONE</u> (SZ) <u>WAMPUM SOUTH ZONE</u>	
			272.3-272.6 Qtz-albite zone (10% qtz-albite), trace pyrite	
			273.0-273.9 Qtz-albite zone (60% qtz-albite), up to 1% py	
			278.7-280.2 Qtz-albite zone (20% qtz-albite), up to 2% py	
			280.5-281.6 Qtz-albite zone (60% qtz-albite), up to 2% py	
			281.8-283.2 Qtz-albite zone (50% qtz-albite), up to 1% py	

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 RESEARCH OFFICE
 APR 14 1986
 RECEIVED

D.F. Bosowec

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-3
 LOGGED BY _____ CASING _____ SHEET No. 2
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM	TO		DESCRIPTION
			Summary log - cont'd
283.4	294.2	SM	<u>MAFIC FLOW (1a)/ALBITIZATION (5f)</u>
294.2	323.6	NM	<u>MAFIC TO INTERMEDIATE TUFF (1c); MINOR ALBITIZATION (5f)</u>
323.6	340.6	NM	<u>CRYSTAL TUFF (2b)</u>
340.6	360.0	MM	<u>MAFIC FLOW (1a)</u>
	360.0		<u>END OF HOLE</u>
			Contractor: Ultra Mobile Diamond Drilling Limited, Surrey, British Columbia.
			Core is being stored on the property.

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION 1+55S / 1+70W DIRECTION N21°E DIP -45° HOLE No. WA-3
 LOGGED BY D.F. Bosowec CASING BW SHEET No. 1
 STARTED January 15, 1986 CORE SIZE IBQ CORRECTED TESTS 20'-45°
 FINISHED January 16, 1986 100'-42° 200'-42° 300'-42°
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
0.0	7.0		<u>OVERBURDEN</u> (casing left in)
7.0	19.0	NM	<u>ALTERED MAFIC-INTERMEDIATE TUFF</u> (1c) Brownish-green grey; poorly to well foliated, fine to medium grained. Unit is characterized by groundwater alteration resulting in limonite staining along fractures and possible fault planes. Qtz-carbonate veinlets less than 1cm in size are confined to fractures paralleling the foliation direction. The unit is also slightly sericitic. Trace pyrite much less than 1%. 18.5-19.0 Brecciated zone (fault breccia or debris flow breccia?). Fragments are less than 1cm - 4cm in size. Some of the fragments are qtz-carb. hosted. Trace pyrite.
19.0	48.0	NM	<u>MAFIC-INTERMEDIATE TUFF</u> (1c) Greenish grey; poorly to well foliated, fine to medium grained. Throughout the unit is pervasive carbonatization. The carbonate alteration occurs in patches and fractures. When associated with qtz, it forms veinlets often pygmatic in shape and less than 2cm in thickness. In the intermediate sections of the unit, feldspar clasts less than 3mm in size are found. Purplish grains less than 2mm were also found possibly representing secondary feldspars or garnets (?). Trace to 1% pyrite but generally trace. C.A. Contact with granite intrusion 35°.

D.F. Bosowec
Mar 27/86

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

WA-3

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. _____

LOGGED BY _____ CASING _____ SHEET No. 2

STARTED _____ CORE SIZE _____ CORRECTED TESTS _____

FINISHED _____

PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (Feet)	TO	Mag	DESCRIPTION
48.0	55.7	NM	<p><u>FELSIC INTRUSIVE (5a/5b)</u></p> <p>Pink to greyish pink, massive, medium to fine-grained. Down hole the intrusion changes from a medium grained pink granite to a finer grained greyish pink granite porphyry. Minor mafic volcanic inclusions. Trace pyrite much less than 1%. C.A. Contact with mafic-intermediate tuff 30°.</p>
55.7	99.8	WM	<p><u>CHERTY TUFF (2a); MINOR GREYWACKE (3a)</u></p> <p>Greenish grey; moderately to well foliated, very fine-grained to medium grained. Basically an intermediate tuff with intervening phases of cherty layering varying from less than 1mm to 10 cm in thickness. Minor greywacke sediments occur towards the bottom of the unit. Pervasive carbonatization occurs as patches and fractures. Qtz-albite-carbonate veins less than 10cm in thickness are also found within the unit. Pyrite mineralization is generally less than 1% but maybe as high as 1% in the Qtz-albite-carbonate veins.</p> <p>83.1-83.4 Qtz-albite-carb vein. Much less than 1% pyrite.</p> <p>85.6-85.7 Qtz-albite-carb vein, 1% pyrite.</p> <p>89.7-89.9 Qtz-albite vein. Much less than 1% pyrite.</p> <p>93.0-93.5 Cherty layers with pyritic bands. Up to 1% pyrite.</p> <p>93.5-93.7 Qtz-albite-carb. vein. Much less than 1% pyrite.</p> <p>93.7-95.6 Greywacke metasediments.</p> <p>CA Contact with mafic flow 40°.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-3
 LOGGED BY _____ CASING _____ SHEET No. 3
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
99.8	119.5	WM	<p><u>MAFIC FLOW (1a)</u></p> <p>Greenish, massive to poorly foliated, fine to medium grained. Medium grained sections probably represent the inner part of the flow. Minor saussuritization and carbonatization. Some pink calcite present. Trace pyrite.</p>
119.5	124.6	MM	<p><u>BRECCIATED FLOW (1d)</u></p> <p>Greyish green, massive, brecciated. Characterized by patchy chloritic and pervasive carbonate alteration. Moderate qtz-carbonate veining. Up to 1% pyrite.</p>
124.6	142.0	MM	<p><u>MAFIC FLOW (1a)/MAFIC TUFF (1c)</u></p> <p>Greenish, massive to well foliated, fine grained. Weak saussuritization and chlorite and carbonate alteration. Trace pyrite much less than 1%.</p> <p>124.6-128.5 Mafic flow. CA contact 30°.</p> <p>128.5-142.0 Mafic tuff; minor brecciation.</p> <p>CA contact with feldspar porphyry 30°.</p>
142.0	162.2	-	<p><u>FELDSPAR PORPHYRY (5b)</u></p> <p>Greyish-pink, massive, fine to medium grained. Minor qtz-albite veins less than 1cm in thickness. Trace pyrite much less than 1%. CA contact with mafic flow 45°.</p>
162.2	170.0	NM	<p><u>MAFIC FLOW (1a)</u></p> <p>Greenish, massive to poorly foliated, f.g. Weakly carbonatized with the carbonate concentrated within fractures. Trace pyrite.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-3

LOGGED BY _____ CASING _____ SHEET No. 4

STARTED _____ CORE SIZE _____ CORRECTED TESTS _____

FINISHED _____

PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
170.0	174.2	NM	<p><u>CHERTY TUFF (2a)</u></p> <p>Greenish grey, well foliated, very fine-grained to medium grained. The unit is characterized by cherty layering less than 1mm in thickness. Weakly carbonatized. Minor qtz-albite carbonate veining. Trace to less than 1% pyrite.</p> <p>173.7-173.9 Two small shear zones (less than 1cm in width) showing strike-slip displacement.</p>
174.2	180.0	NM	<p><u>BRECCIATED FLOW (1d)</u></p> <p>Greenish, massive, fine grained. Consists of brecciated mafic flow fragments surrounded by carbonate. Trace pyrite.</p>
180.0	192.6	SM	<p><u>MAFIC TO INTERMEDIATE TUFF (1c)</u></p> <p>Greyish green, massive to well foliated, fine grained - medium grained. The unit is characterized by intense chlorite and carbonate alteration. Chlorite occurs as patches and veinlets while the carbonate occurs as patches, in fractures and as veinlets. Trace to less than 1% pyrite. CA contact with mafic flow 40°.</p>
192.6	195.7	NM	<p><u>MAFIC FLOW (1a)</u></p> <p>Green, massive, fine grained. Weakly carbonatized. Trace pyrite. CA contact with mafic-intermediate tuff 35°.</p>
195.7	229.2	NM	<p><u>MAFIC TO INTERMEDIATE TUFF (1c)</u></p> <p>Greyish green, mod. - well foliated, medium grained. Moderate chlorite and carbonate alteration. Chlorite occurs as patches while the carbonate occurs as patches, in fractures</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-3

LOGGED BY _____ CASING _____ SHEET No. 5

STARTED _____ CORE SIZE _____ CORRECTED TESTS _____

FINISHED _____

PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
			and as veinlets. Trace to less than 1% pyrite. 220.6-221.6 Qtz rich zone with less than 1% pyrite. C.A. contact with mafic flow 50°.
229.2	239.9	WM	<u>MAFIC FLOW (1a)</u> Green, massive to weakly foliated, fine grained. Weakly carbonatized. Trace pyrite. CA contact with gabbro chill margin 45°.
239.9	262.3	SM	<u>GABBRO (4)</u> Dark green, massive to poorly foliated, fine grained - medium grained. Weakly to intensely saussuritized. Weakly carbonatized. Trace pyrite and pyrrhotite (po). 239.9-240.2 Chill margin. 243.8-245.2 Zone of intense saussuritization with qtz stringers. Less than 1% pyrite.
262.3	271.1	NM	<u>CRYSTAL TUFF (2b); MINOR DEBRIS FLOW (3c)</u> 259.1-262.3 Chill margin. Greyish, well foliated, fine grained. Characterized by random feldspar clasts which have been stretched parallel to the foliation direction. Stretching is a 5:1 ratio. Moderately carbonatized. Trace pyrite.
271.1	283.4	NM	262.3-262.8 Debris flow consisting cherty fragments of less than 1cm in size. <u>SILICIFIED ZONE (SZ) WAMPUM SOUTH ZONE</u> Brownish grey, massive to well foliated, very fine grained -

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-3
 LOGGED BY _____ CASING _____ SHEET No. 6
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
			<p>fine grained. The zone is characterized by intense silicification and qtz-albite veining. Broken fragments, cataclasis and a well developed planar fabric suggests a possible fault zone. Due to the intense silicification it is difficult to determine the original rock type. However, a few fragments suggest that it may have been a tuff.</p> <p>Qtz-albite veining occurs as stringers which may form qtz-albite rich zones varying from 10cm to 40cm. Often found within the qtz-albite veining are small patches of a bluish green mineral (fuchsite?). Pyrite occurs as disseminated cubes as well as stringers. Trace to 2% pyrite.</p> <p>272.3-272.6 Qtz-albite zone trace pyrite (10% qtz-albite).</p> <p>273.0-273.9 Qtz-albite zone. Up to 1% pyrite. (60% qtz-albite).</p> <p>278.7-280.2 Qtz-albite zone, bluish green mineral, up to 2% pyrite, (20% qtz-albite).</p> <p>280.5-281.6 Qtz-albite zone, bluish green mineral. Up to 2% pyrite. (60% qtz-albite)</p> <p>281.8-283.2 Qtz-albite zones, up to 1% pyrite. (50% qtz-albite)</p>
283.4	294.2	SM	<p><u>MAFIC FLOW (1a)/ALBITIZATION (5f)</u></p> <p>Greenish, massive to poorly foliated, fine grained. Weakly carbonatized. Contains magnetite. Trace pyrite.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-3

LOGGED BY _____ CASING _____ SHEET No. 7

STARTED _____ CORE SIZE _____ CORRECTED TESTS _____

FINISHED _____

PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
294.2	323.6	NM	<p>288.1-289.1 Albitization, gradational contacts, less than 1% pyrite, minor qtz-albite veining.</p> <p>C.A. contact with mafic-intermediate tuff 40°.</p> <p><u>MAFIC TO INTERMEDIATE TUFF (1c); MINOR ALBITIZATION (5f)</u></p> <p>Greyish green; moderately to well foliated, fine grained to medium grained. The unit becomes more intermediate towards the bottom of the unit. Pervasive carbonatization also becomes more intense towards the bottom of the unit. Found within the intermediate part of the unit are lapilli sized pyroclasts. Parts of the unit have undergone shear deformation indicated by cataclasis and stretched fragments. Minor qtz-albite veins which are less than 1cm in width and show ptygmatic folding. Trace pyrite.</p> <p>308.8-310.8 Albitization gradational contacts trace pyrite</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-3
 LOGGED BY _____ CASING _____ SHEET No. 8
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
340.6	360.0	MM	<p><u>MAFIC FLOW (1a)</u></p> <p>Green, massive to poorly foliated, fine grained - medium grained. Moderate carbonate alteration. Trace pyrrhotite.</p> <p>348.5-357.0 Medium grained phase within the flow.</p>
	360.0		<p><u>END OF HOLE</u></p> <p>Contractor: Ultra Mobile Diamond Drilling Limited, Surrey, British Columbia.</p> <p>Core is being stored on the property.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION 0+15S/1+20W DIRECTION N21°E DIP -45° HOLE No. WA-4
 LOGGED BY D.F. Bosowec CASING BW SHEET No. 1
 STARTED January 17, 1986 CORE SIZE IBQ CORRECTED TESTS 19'-44°
 FINISHED January 18, 1986 130'-44° 190'-44°
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	SUMMARY LOG	DESCRIPTION
0.0	10.0		<u>OVERBURDEN</u> (casing left in)	
10.0	23.3	WM	<u>MAFIC TO INTERMEDIATE TUFF</u> (1c)	
23.3	38.3	WM	<u>MAFIC FLOW</u> (1a)	
38.3	54.0	SM	<u>GABBRO</u> (4)	
54.0	69.4	NM	<u>CRYSTAL TUFF</u> (2b)	
69.4	83.5	NM	<u>SILICIFIED ZONE (SZ)</u> <u>WAMPUM SOUTH ZONE</u>	
			73.0-75.2 Qtz-albite-carbonate zone (15%) - less than 1% py	
			76.0-78.2 Qtz-albite-carbonate zone (15%) - trace to 2% py	
83.5	89.4	NM	<u>COARSE PYROCLASTICS</u> (2d)	
89.4	97.5	MM	<u>MAFIC FLOW</u> (1a)	
97.5	106.1	NM	<u>COARSE PYROCLASTICS</u> (2d)	
106.1	144.5	NM	<u>INTERMEDIATE TUFF</u> (1c)/ <u>CRYSTAL TUFF</u> (2b)	
144.5	162.5	MM	<u>MAFIC FLOW</u> (1a)	
162.5	179.1	NM	<u>MASSIVE EQUIGRANULAR TUFF</u> (2c)/ <u>INTERMEDIATE TUFF</u> (1c)	
179.1	190.0	MM	<u>MAFIC FLOW</u> (1a)	
	190.0		<u>END OF HOLE</u>	

Contractor: Ultra Mobile Diamond Drilling Limited, Surrey,
 British Columbia.

Core is being store on the property.

D.F. Bosowec

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION 0+15S/1+20W DIRECTION N21°E DIP -45° HOLE No. WA-4
 LOGGED BY D.F. Bosowec CASING BW SHEET No. 1
 STARTED January 17, 1986 CORE SIZE IBQ CORRECTED TESTS 19'-44°
 FINISHED January 18, 1986 130'-44° 190'-44°
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
0.0	10.0		<u>OVERBURDEN</u> (casing left in)
10.0	23.3	WM	<u>MAFIC TO INTERMEDIATE TUFF (1c)</u> Greyish green, moderate-well foliated, medium grained. Characterized by moderate chlorite and carbonate alteration. Chlorite occurs in patches and as schliers while the carbonate forms in patches and fractures. Minor saussuritization and qtz-carbonate veining. Trace pyrite. 14.8-15.2 Qtz-carbonate vein, trace pyrite. 16.2-16.4 Qtz-carbonate vein, trace pyrite.
23.3	38.3	WM	<u>MAFIC FLOW (1a)</u> Green, massive to weakly foliated, fine grained. Weakly carbonatized. Trace pyrite. Minor saussuritization near gabbro contact. CA. contact with gabbro chill margin 25°.
38.3	54.0	SM	<u>GABBRO (4)</u> Dark green, massive to poorly foliated, fine grained - coarse grained. Weakly to intensely saussuritized. Weakly carbonatized. Trace py and po. 38.3-39.3 Chill margin 52.8-54.0 Chill margin C.A. contact with crystal tuff 40°.
54.0	69.4	NM	<u>CRYSTAL TUFF (2b)</u> Greyish, well foliated, fine grained - medium grained. Scattered throughout the unit are feldspar phenocrysts which

D.F. Bosowec
Mar 27/86

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-4
 LOGGED BY _____ CASING _____ SHEET No. 2
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
69.4	83.5	NM	<p>have been stretched (5:1) parallel to the foliation. Moderately carbonatized. Trace pyrite.</p> <p><u>SILICIFIED ZONE (SZ) WAMPUM SOUTH ZONE</u></p> <p>Brownish grey, massive to well foliated, very fine grained - fine grained. Weakly to moderately silicified. Intense silicification seems to be confined to zones less than 40cm in width. Broken fragments, cataclasis and a well developed planar fabric suggests a possible fault zone. The fabric suggests the unit was once a massive equigranular/crystal tuff. Weak to moderate qtz-carbonate veining. Minor albite within veins. The veining mainly occurs as stringers less than 1cm in width. Pyrite occurs as disseminated cubes as well as stringers. Trace to 2% py.</p> <p>73.0-75.2 Qtz-albite-carbonate zone. (15% qtz-albite-carbonate). Less than 1% py.</p> <p>76.0-78.2 Qtz-albite-carbonate zone (15% qtz-albite-carbonate). Trace to 2% py.</p>
83.5	89.4	NM	<p><u>COARSE PYROCLASTICS (2d)</u></p> <p>Grey to brownish grey, well foliated, medium grained - coarse grained. The unit is characterized by stretched fragments (chert) which are greater than 5cm in length. Some are so large that they appear as bands within the unit. Stretched fragments (10:1) and cataclasis suggests shearing.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-4
 LOGGED BY _____ CASING _____ SHEET No. 3
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet) TO	Mag	DESCRIPTION
89.4	97.5	MM Moderately carbonatized. Trace pyrite. 86.6-87.1 Zone of cataclasis mylonitic fabric. C.A. contact with mafic flow 35°.
97.5	106.1	NM <u>MAFIC FLOW (1a)</u> Green, massive to poorly foliated, fine grained. Intense carbonatization confined mainly to fractures. Trace py + po. C.A. contact with coarse pyroclastics 55°.
106.1	144.5	NM <u>COARSE PYROCLASTICS (2d)</u> Similar to 83.5-89.4.
		NM <u>INTERMEDIATE TUFF (1c)/CRYSTAL TUFF (2b)</u> Greyish green to greyish, medium grained to coarse grained, well foliated. The unit is characterized by intervening phases of intermediate and crystal tuff. Parts of the unit have undergone shear deformation indicated by cataclasis and stretched fragments. Often associated with these mylonite zones is qtz-albite veining. Trace pyrite.
		110.3-111.2 Cataclastic zone, qtz-albite veining (20%). Less than 1% pyrite.
		114.5-114.6 Cataclastic zone, qtz-albite veining (50%) nil pyrite.
		115.3-116.3 Cataclastic zone, qtz-albite veining (15%) trace pyrite.
		116.9-117.8 Cataclastic zone, qtz-albite veining (30%) includes 3cm thick vein. Trace pyrite.

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-4

LOGGED BY _____ CASING _____ SHEET No. 4

STARTED _____ CORE SIZE _____ CORRECTED TESTS _____

FINISHED _____

PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
144.5	162.5	MM	<p><u>MAFIC FLOW (1a)</u></p> <p>Green, massive to poorly foliated, fine grained - medium grained, Moderate carbonate alteration confined to fractures. Minor saussuritization. Trace po.</p> <p>151.7-158.2 Medium grained phase.</p> <p>C.A. contact with massive equigranular tuff/intermediate tuff 45°.</p>
162.5	179.1	NM	<p><u>MASSIVE EQUIGRANULAR TUFF (2c), INTERMEDIATE TUFF (1c)</u></p> <p>Greyish green, massive to well foliated, very fine grained to medium grained. The unit grades from a massive equigranular tuff to a coarser grained intermediate tuff downhole. Moderate carbonate alteration. Trace pyrite.</p>
179.1	190.0	MM	<p><u>MAFIC FLOW (1a)</u></p> <p>Green, massive to poorly foliated, fine grained. Moderate carbonate alteration confined to fractures. Minor saussuritization. Trace po.</p>
	190.0	-	<p><u>END OF HOLE</u></p> <p>Contractor: Ultra Mobile Diamond Drilling Limited, Surrey, British Columbia.</p> <p>Core is being stored on the property.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION 0+31N/3+01E DIRECTION 201° DIP -45° HOLE No. WA-5
 LOGGED BY D.F. Boswec CASING BW SHEET No. 1
 STARTED January 22, 1986 CORE SIZE IBQ CORRECTED TESTS 20'-44°
 FINISHED January 23, 1986 120'-43° 190'-40.5°
 PROPERTY Wampur Property, Rowan Lake Area, Kenora (PN 516)

FROM	TO	MAG	SUMMARY LOG	DESCRIPTION
0.0	6.0		<u>OVERBURDEN</u> (casing left in)	
6.0	62.9	NM	<u>GRANITE/FELDSPAR PORPHYRY INTRUSIVES</u> (5a/5b)	
62.9	90.1	MM-SM	<u>MAFIC TUFF</u> (1c)/ <u>BRECCIATED FLOW</u> (1d); <u>MINOR ALBITIZATION</u> (5f)	
90.1	100.0	NM	<u>GRANITE/FELDSPAR PORPHYRY INTRUSIVES</u> (5a/5b)	
100.0	131.3	NM	<u>INTERMEDIATE TO FELSIC TUFF</u> (2); <u>WAMPUM SOUTH ZONE</u> 108.2-112.3 Moderate silicification, up to 1% py. 120.0-125.5 Moderate silicification, up to 1% py.	
131.1	157.7	NM	<u>MAFIC FLOW</u> (1a)/ <u>BRECCIATED FLOW</u> (1d)	
157.7	189.0	NM-SM	<u>MAFIC TO INTERMEDIATE TUFF</u> (1c)	
189.0	190.0	NM	<u>FELDSPAR PORPHYRY</u> (5b)	
	190.0		<u>END OF HOLE</u>	
Contractor: Ultra Mobile Diamond Drilling Limited, Surrey British Columbia				
Core is being stored on the property.				

D.F. Boswec

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION 0+31N/3+01E DIRECTION 201° DIP -45° HOLE No. WA-5
 LOGGED BY D.F. Bosowec CASING BW SHEET No. 1
 STARTED January 22, 1986 CORE SIZE IBQ CORRECTED TESTS 20'-44°
 FINISHED January 23, 1986 120'-43° 190'-40.5°
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM	TO	MAG	DESCRIPTION
0.0	6.0		<u>OVERBURDEN</u> (casing left in)
6.0	62.9	NM	<p><u>GRANITE/FELDSPAR PORPHYRY INTRUSIVES</u> (5a/5b)</p> <p>Whitish grey, massive to poorly foliated, fine grained to coarse grained. The unit is characterized by medium to coarse grained feldspars with intervening phases of fine grained porphyry. Biotite is present up to 15% and shows a weak foliation alignment. Throughout the unit qtz veins ranging from less than 1cm - 50cm in thickness are found. They contain nil to trace py and are weakly carbonatized. The qtz veins probably represent residual fluids from a differentiated granitic body. Alteration of py near qtz/granite contacts resulted in Fe staining. Pyrite mineralization is between less than 1 - 2% and occurs as disseminated cubes.</p> <p>13.4-14.5 Qtz vein, nil to trace pyrite.</p> <p>21.4-22.7 Qtz vein, nil to trace py.</p> <p>C.A. contact with mafic tuff/mafic flow breccia 60°.</p>
62.9	90.1	MM-SM	<p><u>MAFIC TUFF</u> (1c)/<u>BRECCIATED FLOW</u> (1d); <u>MINOR ALBITIZATION</u> (5f)</p> <p>Green, massive to well foliated, fine grained. Towards the top and bottom of the unit mafic tuff becomes the dominant phase. Associated with the tuff are zones of albitization. Moderate carbonatization occurring within fractures and as patches within the tuff. Trace py + po.</p>

D.F. Bosowec
 Mar 27/86

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-5
 LOGGED BY _____ CASING _____ SHEET No. 2
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
			The brecciated flow is characterized by fragmentation, and carbonate-epidote alteration within the fractures. Trace py + po.
			69.7-79.0 Brecciated flow.
			82.3-84.0 Albitized zone with qtz-albite stringers (10%). The albite is pinkish in color. Less than 1% py.
			85.9-87.0 Albitized zone with qtz-albite stringers (5%), pinkish albite, less than 1% py.
			C.A. contact with granite/feldspar porphyry 55°.
90.1	100.0	NM	<u>GRANITE/FELDSPAR PORPHYRY (5a/5b)</u> Similar to 6.0 - 62.9.
100.0	131.3	NM	<u>INTERMEDIATE TO FELSIC TUFF (2) WAMPUM SOUTH ZONE</u> Grey to brownish grey, massive to well foliated, very fine grained - fine grained. Generally the unit resembles a massive equigranular tuff with minor crystal tuff phases. Cataclastic development and silicification is relatively minor and localized. Moderate qtz-albite veining. The veins are less than 3cm in width and often have ptigmatic form. Moderate carbonatization with some qtz-carbonate veinlets (less than 2mm in thickness) showing S and Z type banding. Pyrite mineralization is generally less than 1%. However, the top 8 feet of unit contains up to 2% disseminated pyrite. This is probably attributed to metasomatic activity associated with the granite intrusion.

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-5

LOGGED BY _____ CASING _____ SHEET No. 3

STARTED _____ CORE SIZE _____ CORRECTED TESTS _____

FINISHED _____

PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
			<p>100.0-107.4 Granitic metasomatism. The unit is cut by granite sills resulting in partial silicification and disseminated py up to 2%.</p> <p>108.2-112.3 Moderate silicification, minor brecciation, minor qtz-albite veining (2%), up to 1% py.</p> <p>118.3-120.0 Cataclastic zone, mylonitization, minor qtz-albite veining 5%, less than 1% py.</p> <p>120.0-125.5 Moderate silicification, concentrated in zones less than 10cm in width. Up to 1% disseminated py. Minor qtz-albite veining.</p> <p>127.2-130.0 Zone of S and Z shaped banding of qtz-carbonate veinlets. Less than 1% py.</p>
131.3	157.7	NM	<p><u>MAFIC FLOW (1a)/BRECCIATED FLOW (1d)</u></p> <p>Green, massive to poorly foliated, very fine grained to medium grained. The unit resembles a sequence of flows with medium grained inner sections (gabbroic phases and flow top breccia). Moderate carbonate alteration within fractures and around breccia fragments. Trace pyrite.</p>
157.7	189.0	NM-SM	<p>154.8-157.1 Aphanitic felsic intrusive.</p> <p><u>MAFIC TO INTERMEDIATE TUFF (1c)</u></p> <p>Greyish green, mod-well foliated, fine grained. Pervasive carbonatization occurring as patches and in fractures. Trace py.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-5

LOGGED BY _____ CASING _____ SHEET No. 4

STARTED _____ CORE SIZE _____ CORRECTED TESTS _____

FINISHED _____

PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
189.0	190.0	NM	<u>FELDSPAR PORPHYRY (5b)</u> Grey, massive, fine grained - medium grained. Contains chloritic clots. Trace pyrite.
	190.0		<u>END OF HOLE</u> Contractor: Ultra Mobile Diamond Drilling Limited, Surrey British Columbia Core is being stored on the property.

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION 1+58N 3+70E DIRECTION 201° DIP -45° HOLE No. WA-6
 LOGGED BY D.F. Bosowec CASING BW SHEET No. 1
 STARTED January 25, 1986 CORE SIZE IBQ CORRECTED TESTS 100'-44°
 FINISHED January 28, 1986 200'-42.5° 300'-41.5°
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	SUMMARY LOG	DESCRIPTION
0.0	4.0		<u>OVERBURDEN</u> (casing left in)	
4.0	56.0	NM	<u>MAFIC TO INTERMEDIATE TUFF</u> (1c)	4.5-6.3 Qtz-albite vein (70%), less than 1% py 6.7-8.1 Qtz-albite vein (40%), less than 1% py 28.9-31.5 Moderate silicification, less than 1% py 39.2-40.8 Moderate silicification, less than 1% py
56.0	88.8	NM	<u>INTERMEDIATE TO FELSIC TUFF</u> (2)	
88.8	94.5	NM	<u>MAFIC TO INTERMEDIATE TUFF</u> (1c)	
94.5	131.6	NM	<u>MAFIC FLOW</u> (1a)	
131.6	142.0	NM	<u>INTERMEDIATE TUFF</u> (1c)	
142.0	163.0	WM	<u>MAFIC TUFF</u> (1c)	
163.0	226.0	NM	<u>GRANITE/FELDSPAR PORPHYRY INTRUSIVES</u> (5a/5b)	
226.0	254.4	SM	<u>MAFIC FLOW</u> (1a)/ <u>BRECCIATED FLOW</u> (1d)	
254.4	264.6	NM	<u>INTERMEDIATE TO FELSIC TUFF</u> (2)	255.3-256.5 Qtz-albite vein, zone up to 2% py. 261.9-263.0 Qtz-albite veining (10%), moderate silicification, 1 - 2% py.
264.6	284.6	NM-SM	<u>MAFIC FLOW</u> (1a); <u>MINOR BRECCIATED FLOW</u> (1d)	
284.6	306.2	NM	<u>MAFIC TO INTERMEDIATE TUFF</u> (1c) <u>WAMPUM SOUTH ZONE</u>	296.4-299.4 Cataclastic zone, qtz-albite veining (50%) trace to 1% py includes 296.8-297.8 qtz-albite vein zone (90%), trace to 1% py.

D.F. Bosowec

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-6
 LOGGED BY _____ CASING _____ SHEET No. 2
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM	TO (feet)	Mag	DESCRIPTION
			Summary log - cont'd
			300.2-304.0 Cataclastic zone with qtz-albite veining (5) and silicification, trace to 1% py
306.2	318.9	NM	<u>INTERMEDIATE TO MAFIC TUFF (1c)</u>
318.9	322.2		<u>FELDSPAR PORPHYRY INTRUSIVE (5b)</u>
322.2	360.0	NM-SM	<u>MAFIC FLOW (1a); MINOR FELDSPAR PORPHYRY INTRUSIVE</u>
	360.0		<u>END OF HOLE</u>
			Contractor: Ultra Mobile Diamond Drilling Limited, Surrey British Columbia
			Core is being stored on the property.

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION T+58N 3+70E DIRECTION 201° DIP -45° HOLE No. WA-6
 LOGGED BY D.F. Bosowec CASING BW SHEET No. 1
 STARTED January 25, 1986 CORE SIZE IBQ CORRECTED TESTS 100'-44°
 FINISHED January 28, 1986 200'-42.5° 300'-41.5°
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
0.0	4.0		<u>OVERBURDEN</u> (casing left in)
4.0	56.0	NM	<p><u>MAFIC TO INTERMEDIATE TUFF</u> (1c)</p> <p>Greyish green, moderately to well foliated, fine grained - medium grained. The unit is basically a lapilli tuff with the lapilli size pyroclasts consisting of feldspathic and chloritized mafic clasts. Some of the lapilli sized feldspars reveal a mylonitic type fabric suggesting possible shear deformation. Qtz-albite veining and silicification are present throughout the unit. However, feldspar porphyry intrusives cut the unit, suggesting that the veining and silicification maybe related to the intrusive. Moderate carbonate alteration. Pyrite mineralization is less than 1%.</p> <p>4.5-6.3 Qtz-albite vein (70%). The albite crystals have grown outward from the mafic-intermediate tuff wall rock. Less than 1% py.</p> <p>6.7-8.1 Qtz-albite vein (40%). The albite crystals have grown outward from the wallrock. Less than 1% py.</p> <p>10.4-12.8 Qtz-albite vein zone (5%), less than 1% py</p> <p>14.0-15.1 Qtz-albite vein zone (10%), less than 1% py</p> <p>28.9-31.5 Moderate silicification, minor qtz-albite veining, less than 1% py</p> <p>34.8-38.4 Feldspar porphyry intrusives, less than 2% py</p> <p>39.2-40.8 Moderate silicification, minor qtz-albite veinlets, less than 1% py</p>

D.F. Bosowec
Mar 27/86

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-6
 LOGGED BY _____ CASING _____ SHEET No. 2
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
56.0	88.8	NM	<p>41.8-42.6 Feldspar porphyry intrusives, less than 2% py.</p> <p>43.3-44.3 Moderate silicification; possible granite metasomatism, minor qtz-albite veinlets, less than 1% py</p> <p><u>INTERMEDIATE-FELSIC TUFF (2)</u></p> <p>Greyish green to bleached white, massive to moderately foliated, very fine grained - fine grained. The majority of the unit resembles a felsic massive equigranular tuff with phases of intermediate tuff and coarse pyroclastic intermediate tuff. Moderate qtz-albite veining. The veins range in width from less than 1mm to 15cm. Weak carbonate alteration. Pyrite mineralization is less than 1%.</p> <p>62.8-63.9 Feldspar porphyry intrusion, less than 2% py.</p> <p>67.7-67.9 Qtz vein, nil py.</p> <p>68.1-68.3 Feldspar porphyry intrusive, less than 1% py.</p> <p>69.8-70.6 Qtz veining (80%), tuff inclusions, less than 1% py</p> <p>71.8-73.1 Zone of qtz-albite veining (15%), trace py.</p> <p>76.5-77.3 Zone of qtz-albite veining, (15%), trace py.</p> <p>80.8-82.6 Zone of qtz-albite veining (20%). Up to 1% py in tuff. Trace in veins.</p> <p>C.A. contact with mafic-intermediate tuff 50°.</p>
88.8	94.5	NM	<p><u>MAFIC TO INTERMEDIATE TUFF (1c)</u></p> <p>Greyish green to green, moderately foliated, fine grained.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-6

LOGGED BY _____ CASING _____ SHEET No. 3

STARTED _____ CORE SIZE _____ CORRECTED TESTS _____

FINISHED _____

PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
94.5	131.6	NM	<p>The unit becomes predominantly mafic towards the bottom of the unit. Moderate carbonate alteration. Trace pyrite.</p> <p><u>MAFIC FLOW (1a)</u></p> <p>Green, massive, fine grained - medium grained. The unit is characterized by an inner medium grained gabbroic phase. Scattered throughout are zones of intense fracturing with carbonate infilling the fractures. Trace pyrite.</p>
131.6	142.0	NM	<p><u>INTERMEDIATE TUFF (1c)</u></p> <p>Greyish green, well foliated, fine grained. The unit is characterized by a banded appearance consisting of whitish felsic bands and greenish mafic bands. Minor qtz-albite veining and carbonate alteration. Up to 1% py.</p> <p>37.2-38.0 Qtz-albite vein, trace pyrite.</p> <p>C.A. Contact with mafic to intermediate tuff 60°.</p>
142.0	163.0	WM	<p><u>MAFIC TUFF (1c)</u></p> <p>Green, weakly to moderately foliated, fine grained.</p> <p>Brecciation, carbonatization and pyrite mineralization (up to 1%) increases towards the bottom of the unit. This maybe attributed to the forceful injection and metasomatic activity of the granitic intrusive. Moderate carbonatization. Trace to 1% py.</p> <p>161.5-163.0 Silicified mafic tuff, the result of granitic metasomatism, qtz veining. Up to 2% py.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-6
 LOGGED BY _____ CASING _____ SHEET No. 4
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
163.0	226.0	NM	<p><u>GRANITE/FELDSPAR PORPHYRY INTRUSIVES (5a/5b)</u></p> <p>Whitish grey, massive to poorly foliated, fine grained to coarse grained. The unit is characterized by medium to coarse grained feldspars with intervening phases of fine grained porphyry. Biotite is present up to 15% and shows a weak foliation alignment. Qtz veins within the unit range from less than 1cm to 50cm in width. They contain nil to trace pyrite and are milky white in color. They are also weakly carbonatized. One qtz vein contains trace amount of a flaky, bluish grey mineral (molybdenite or graphite?). Overall the unit is weakly carbonatized and pyrite content varies from less than 1 to 2%.</p> <p>165.0-166.0 White quartz vein, nil pyrite but contains trace amounts of a bluish grey flaky mineral.</p> <p>170.9-172.2 White qtz vein, trace py.</p> <p>173.0-176.4 White qtz veining (90%), trace py.</p> <p>C.A. contact with mafic flow/brecciated flow 50°.</p>
226.0	254.4	SM	<p><u>MAFIC FLOW (1a)/BRECCIATED FLOW (1d)</u></p> <p>Green, massive, very fine grained - medium grained. The unit is characterized by brecciation near the top and bottom of the unit, and minor medium grained phases. Carbonatization, chloritization and saussuritization is moderate to intense. Trace to less than 1% po.</p> <p>C.A. contact with intermediate to felsic tuff 45°.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-6
 LOGGED BY _____ CASING _____ SHEET No. 5
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
254.4	264.6	NM	<p><u>INTERMEDIATE TO FELSIC TUFF (2)</u></p> <p>Greyish green to bleached white, very fine grained - medium grained, massive to well foliated. The unit resembles a massive equigranular tuff with minor crystal tuff. The unit has undergone minor cataclasis suggested by a weak mylonite fabric. However, the unit has undergone moderate silicification and qtz-albite veining. The silicification occurs in zones less than 10cm in width. The qtz-albite veins are less than 10cm in width. Some of the albites has a pinkish tinge. Pyrite mineralization varies from trace to 2% in the qtz-albite veins and tuff.</p> <p>255.3-256.5 Qtz-albite zone, tuffaceous inclusions, pink albite. Up to 2% disseminated py.</p> <p>258.2-258.9 Qtz-albite vein, pink albite, trace to 2% py with the 2% py concentrated along the wallrock.</p> <p>261.9-263.0 Qtz-albite veining (10%) associated with moderate silicification of the tuff 1-2% py.</p>
264.6	284.6	NM-SM	<p><u>MAFIC FLOW (1a); MINOR BRECCIATED FLOW (1d)</u></p> <p>Green, massive to poorly foliated, fine grained - medium grained. The unit is characterized by a mottled appearance which appears to be the result of carbonate-silica alteration. The unit also contains minor gabbroic phases. Trace to 1% py + po.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-6
 LOGGED BY _____ CASING _____ SHEET No. 6
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM (feet)	TO	Mag	DESCRIPTION
284.6	306.2	NM	<p><u>MAFIC TO INTERMEDIATE TUFF (1c) WAMPUM SOUTH ZONE</u></p> <p>Greyish green; poorly to well foliated, fine grained - medium grained. The unit exhibits moderate mylonitization, brecciation and silicification. The silicification appears to be associated with qtz-albite veining. The qtz-albite veins vary from less than 1cm to 20cm in width. They also contain pinkish albite. Weak carbonatization. Pyrite mineralization varies from trace to 1% in the qtz-albite veins and tuff.</p> <p>296.4-299.4 Cataclastic zone, with qtz-albite veining (50%) trace to 1% py.</p> <p>296.8-297.8 Qtz-albite vein zone (90%). Trace to 1% py.</p> <p>300.2-304.0 Cataclastic zone with qtz-albite veining (5%) and silicification. Trace to 1% py.</p>
306.2	318.9	NM	<p><u>INTERMEDIATE TO MAFIC TUFF (1c)</u></p> <p>Greyish green; poorly to moderately foliated, fine grained - medium grained. The unit is characterized by chloritized mafic pyroclastics. Moderate carbonate alteration confined mainly to fractures. Trace py.</p>
318.9	322.2		<p><u>FELDSPAR PORPHYRY INTRUSIVE (5b)</u></p> <p>Trace py.</p>
322.2	360.0	NM-SM	<p><u>MAFIC FLOW (1a)</u></p> <p>Green, massive to poorly foliated, fine grained. Moderate carbonate alteration, occurring in patches and fractures.</p>

FALCONBRIDGE NICKEL MINES LIMITED

DIAMOND DRILL RECORD

LOCATION _____ DIRECTION _____ DIP _____ HOLE No. WA-6
 LOGGED BY _____ CASING _____ SHEET No. 7
 STARTED _____ CORE SIZE _____ CORRECTED TESTS _____
 FINISHED _____
 PROPERTY Wampum Property, Rowan Lake Area, Kenora (PN 516)

FROM	TO	Mag	DESCRIPTION
	360.0		Trace py + po. 354.5-356.0 Feldspar porphyry intrusive, contains chloritic clots. Trace pyrite. <u>END OF HOLE</u> Contractor: Ultra Mobile Diamond Drilling Limited, Surrey British Columbia Core is being stored on the property.

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 RESEARCH OFFICE

APR 14 1985

RECEIVED



Name and Postal Address of Recorded Holder
Falconbridge Limited *86-01-Duvr* | A-21647
 P.O. Box 40 Commerce Court West, Toronto, Ontario M5L 1B4

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed <i>925.1</i>	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	K	612346	40	K	612367	40	K	612383	40
		612347	40		612376	40		612392	40
		612348	40		612377	40		612393	40
		612357	40		612378	40		612394	40
		612358	40		612379	40		612395	40
		612359	40		612380	40		810769	3.1
		612365	40		612381	40		810770	39
		612366	40		612382	40		810771	39

All the work was performed on Mining Claim(s): **K-810772** **810772** **4**

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

WA-3 360 feet
 WA-4 190 feet
 WA-5 190 feet
 WA-6 360 feet
 1100 feet = 1100 days filed
 - 925.1 days applied
 174.9 days retained for future consideration

KENORA MINING DIV.
R. LOUGHEE
 APR - 2 1986
 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Contractor: Ultramobile Diamond Drilling
 Surrey, B.C.

Date of Report: *31 March 86*
 Recorded Holder or Agent (Signature): *[Signature]*

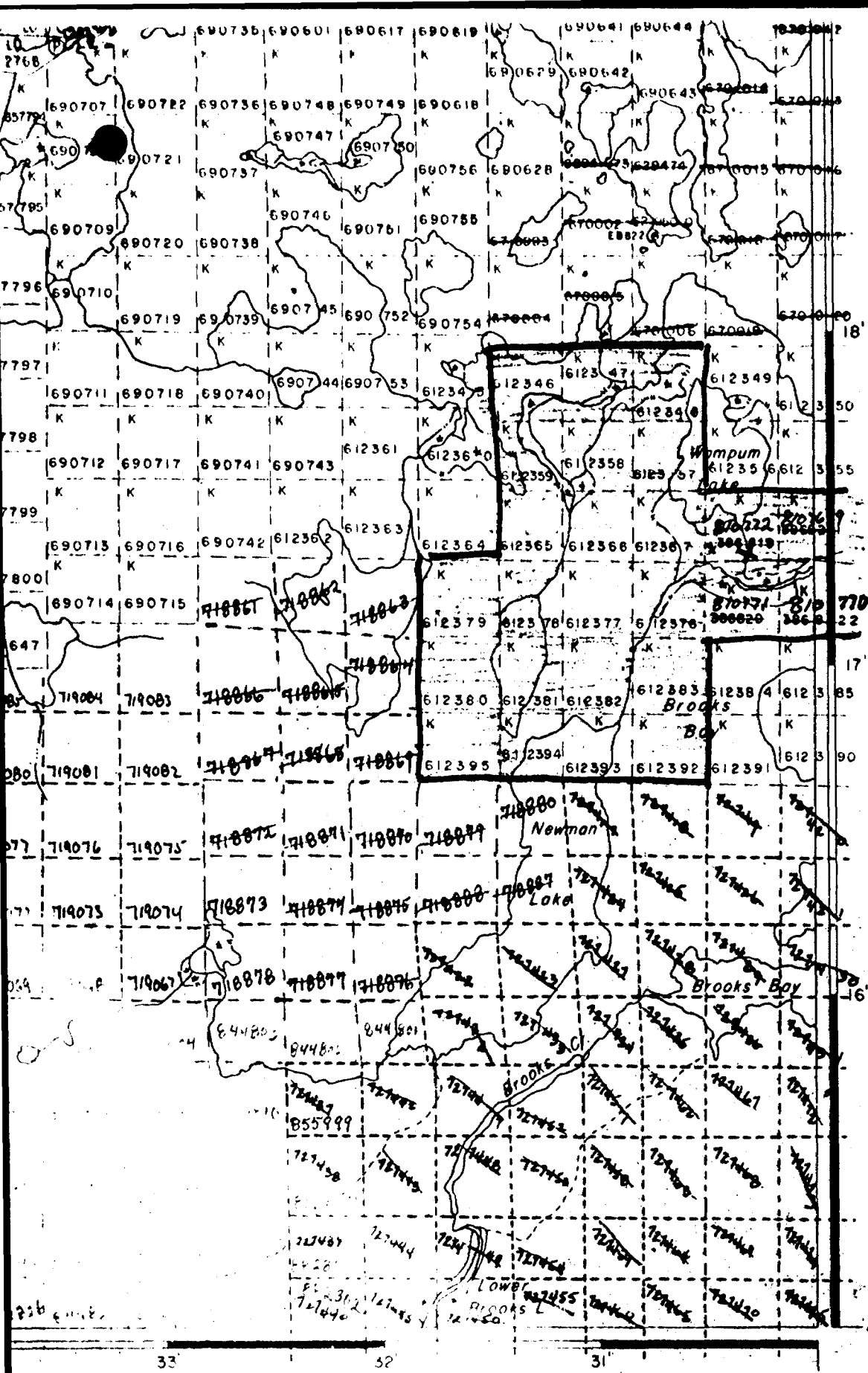
Certification Verifying Report of Work
 I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
I.R. Morrison 100-3074 Portage Avenue
 Winnipeg, Manitoba R3K 0Y2
 Date Certified: *31 March 86*
 Certified by (Signature): *[Signature]*

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment. 612345	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil

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Effective as line

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