

DETAILED LIST OF EXPENDITURES

DATE	RECIPIENT	EXPLANATION	AMOUNT
		2.17215	
Dec 06 95	Northern Auto	plugs	\$14.94
Dec 20 95	Alfonzo's	hydrolic oil	55.20
Jan 11 96	Marino's	fittings	14.03
Jan 13 96	Marino's	pipe wrench jaws	262.58
Jan 13 96	Northern Auto	injector conditioning	23.38
Nov 29 95	Shell	gas	27.00
Nov 29 95	imperial oil	fuel	74.43
Dec 03 95	Husky	gas	30.00
Dec 05 95	Shell	gas	30.00
Dec 06 95	Husky	gas	29.00
Dec 12 95	Husky	gas	30.00
Dec 18 95	Husky	gas	30.00
Dec 18 95	Imperial Oil	fuel	94.62
DEC 24 95	Top Notch	gas	46.00
Dec 27 95	Top Notch	gas	34.00
Dec 28 95	Jellicoe Store	propane	187.35
Jan 02 96	Husky	gas	30.00
Jan 05 96	Husky	gas	22.80
Jan 04 96	Husky	gas	25.20
Jan 07 96	Husky	gas	30.00
Jan 13 96	Top Notch	gas	58.00
Jan 18 96	Waynes	gas	35.00
Jan 14 96	Imperial Oil	fuel	135.52
Jan 22 96	Husky	gas	50.00
Jan 24 96	Husky	gas	30.00
Jan 27 96	Imperial Oil	fuel	373.68
Feb 08 96	Imperial Oil	fuel	288.96
Feb 14 96	Husky	gas	20.00
Feb 23 96	Husky	gas	28.00
Feb 23 96	Northren Auto	hose	3.42

RECEIVED
 APR 28 1997
 MINING LANDS BRANCH

TOTAL \$2113.11



42E10NW0006 2.17215 CROLL

CROLL/ASHMORE PROPERTY

MEL SWEREDA WORK LOG OPAP#OP95-243

LOCATION

The Mel Swereda Croll/Ashmore property, which straddles the Ashmore - Croll Township boundary, lies immediately south of highway 11 about 10 kms east of the town of Geraldton.

ACCESS

The Mel Swereda Croll/Ashmore property is reachable by a gravel road which cuts south through the claim group immediatley south of highway 11.

GEOLOGY

The property is underlain by mafic flows and interflows diorite - gabbro intrusives (possibly massive coarse grain centres) which have been altered by low grade regional metamorphism, local silicification and chlorite, chlorite - sericite along minor faulting such as on the no. 1 zone. Pyrite, quartz and quartz - carbonate, locally chalcopyrite and trace amounts of galena are associated with these deformations - alteration systems. Previous sampling results also indicate substantial gold enrichment (several samples .1000 ppb to 25000 ppb au) along the fault related deformation system along zone number 1 .

CROLL/ASHMORE PROPERTY

MEL SWEREDA WORK LOG OPAP#OP95-243

NOV. 29/95	bring drill and gear to drill site	
	self	8 hrs.
	Jerry Gadon	8 hrs.
NOV.30/95	bring drill and tractor into drill site	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC. 1/95	set up drill and start putting down casing	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC. 2/95	got casing down to 12 feet broke off	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC. 3/95	moved drill over 6 feet and started casing	
	self	8 hrs.
	Jerry Gadon	8 hrs.

CROLL/ASHMORE PROPERTY

MEL SWEREDA WORK LOG OPAP#OP95-243

DEC. 4/95	put in casing 16 feet to bedrock hole is at 22 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC. 5/95	drilled from 22 to 40 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
Dec. 6/95	drilled from 40 to 80 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC. 7/95	drilled from 80 to 110 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC. 8/95	drilled from 110 to 140 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC. 9/95	Jerry Gadon	8 hrs.
	self	8 hrs.

CROLL/ASHMORE PROPERTY

MEL SWEREDA WORK LOG OPAP#OP95-243

DEC.11/95	drill from 140 feet to 170 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC.12/95	drilled from 170 feet to 200 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC.13/95	drilled from 200 feet to 230 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC.14/95	drilled from 230 feet to 250 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC15/95	worked on stuck rods unable to get the rods out	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC.16/95	got the rods out but broke off the bit and shell in the hole	
	self	8 hrs.
	Jerry Gadon	8 hrs.

CROLL/ASHMORE PROPERTY

MEL SWEREDA WORK LOG OPAP#OP95-243

DEC.19/95	drilling out bit and the shell	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC.20/95	drilling out the bit and shell -	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC.21/95	drillin out the bit and shell	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC.22/95	cleaned out hole and drilled from 250 feet to 260 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
DEC.23/95	to cold trouble with water lines	
JAN. 4/96	drilled from 260 feet ro 280 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.

CROLL/ASHMORE PROPERTY

MEL SWEREDA WORK LOG OPAP#OP95-243

JAN. 5/96	drilled from 260 feet to 280 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
JAN. 8/96	drilled from 280 feet to 300 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
JAN. 9/96	drilled from 300 feet to 310 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
JAN.10/96	pulled the rods and casing moved the drill to the next site	
	self	8 hrs.
	Jerry Gadon	8 hrs.
JAN.11/96	started to put down casing	
	self	8 hrs.
	Jerry Gadon	8 hrs.
JAN.12/96	got casing down hole is at 20 feet	
	self	8 hrs.
	Jerry Gadan	8 hrs.

CROLL/ASHMORE PROPERTY

MEL SWEREDA WORK LOG OPAP#OP95-243

JAN.13/96	drilled from 20 feet to 50 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
JAN.14/96	drilled from 50 feet to 80 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
JAN.16/96	drilled from 80 feet to 100 feet	
	self	8 hrs.
	Jerry Gadon	8 hrs.
JAN.17/96	tried to drill to cold	
JAN,18 and 19/96 BLIZZARD OF '96		
JAN.20/96	road plugged up with snow to cold	
JAN.22/96	phoned Sudbury, talked to gary Gabowski explained about the weather he said to fill out the final submission form and send it in he said to send the tech. data maps etc. within a few weeks of deadline	(SP)?

WORK LOG
MEL SWEREDA
CROLL/ASHMORE

JAN.22, 1996	plowed road into drill getting everything ready to drill again	
	MEL SWEREDA	8 hrs.
	JERRY GADON	8 hrs
JAN. 23, 1996	rods froze in hole , thawing rods out and water line.	
	MEL SWEREDA	8 hrs.
	JERRY GADON	8 hrs.
JAN. 24, 1996	drilled from 100 to 130 ft. had trouble everything freezing up	
	MEL SWEREDA	8 hrs
	JERRY GADON	8 hrs
JAN. 25, 1996	drilled from 130 to 150 ft. hose line froze up	
	MEL SWEREDA	8 hrs.
	JERRY GADON	8 hrs
JAN. 26, 1996	thawed hoes line to cold to drill	no charge
JAN. 27 - 31	to cold to start water line	
FEB. 1 - 7	to cold to start water line	

WORK LOG
MEL SWEREDA
CROLL/ASHMORE

FEB. 14, 1996	went to Thunder Bay logged core and sent assays to accuraassay and Ministry. MEL SWEREDA	8 hrs
FEB. 15, 1996	plowed road to drill got drill ready MEL SWEREDA JERRY GADON	8 hrs 8 hrs
FEB. 16, 1996	drilled from 150 to 180 feet water line freezing up MEL SWEREDA JERRY GADON	8 hrs 8 hrs
FEB. 17 - 20	to cold to drill	
FEB. 21, 1996	drilled from 180 to 198 ft. water line froze up shut job down MEL SWEREDA JERRY GADON	8 hrs 8 hrs

T.B/1093411 MEL Swereda

Property

Work Location

SKETCH

Eastman

4

T.B.1093412

D.D.#CR1996#3
Hole drilled
-60°N
198 F.T.

• ↑
• ← Lost Hole

Scale 1 in = 200 FT

200 400 600

60 120 180

•
↑
D.D.H
C.R. 1996-1
Hole Drilled
-60° N 310 FT

13

DRILL HOLE LOG
CROLL PROPERTY

HOLE NUMBER: 3
 CLAIM NUMBER: TB 1093412
 LOCATION: 60m East by 116m South of No. 4 post of TB 1093412
 ANGLE: -60
 AZIMUTH: Due North
 LENGTH: 198 feet
 DRILLED BY: MEL SWEREDA
 DATE START: JANB/96
 DATE COMPLETED: FEB/96
 CORE SIZE: AQ
 CORE LOCATION: MAGNET CREEK, HIGHWAY 11 GERALDTON, ONT.
 DATE LOGGED:
 LOGGED BY: MEL SWEREDA

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGHT
0	18	over burden				
18	38	MAFIC VOLCANICS ANDESITE WITH FINE FELDSPAR PHENOCRYST				
38	58	ANDESITE, FEW QRTZ STR. LOW RED POTASSIC ALTER- ATION				
58	78	ANDESITE, FEW QRTZ. STR. SMALL HORNBLEND PHENOCRYST				
78	118	ANDESITE, FEW QRTZ. STR. SOME POTASSIC ALTERATION				
118	138	ANDESITE, FEW QRTZ. STR. FINE MINERALIZATION HCPY, PY SOME POTASSIC ALTERATION				
138	178	ANDESITE, FEW QRTZ. STR. FINE MIN. PYR, CHPY.				
178	198	ANDESITE, FEW QRTZ. STR. FINE FELDSPAR PHENOCRYST E.O.H.				

62°

19-21 #4864
21-29 #4865
41-42 #4866
34-35 #4867

55.5-56.6 #4867

From 81-83 #4861

115-117 #4862
115-120 #4851
120-125 #4852
122-125 #4863

135-141 #4853

155-61 #4854
170-176 #4855

203-206.5 #4856

219-222 #4857

236-236 #4858

256.6-257.6 #4875

275-280 #4859

305-310 #4860
end of hole 310 ft.

Mel Swereda
Drill hole
60m east 240m south of #49;
TB 1093412
Looking West
Scale = 1 inch = 30 ft
Hob # CR1996-1
Crow Property

From 27-29 #4871
From 29-30 #4869
From 31-33 #6928

From 34-40 #4870
From 46-48 #6932

From 62-63 #4868
From 66-68 #6930

112-113 #6929

125-127 #6927

155-170 cutting = #6933

168-178 cuttings = #4873

178-188 cutting = #4872

186-188 #6931
192-195 #6926
End of hole

Mel Swereda
Drill hole
60' east 116m South of #4871
TB1093412
Looking West
Scale 1-inch = 20 ft
Hole # CR1096-3
CROLL Property



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

Page 1

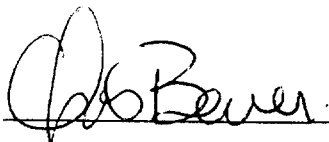
MEL SWERDA
BOX 936
GERALDTON, ONTARIO
POT 1M0

February 13, 1996

Job #964133

Accurassay	SAMPLE # Customer	Iron ppm	Copper ppm	Silver ppm	Lead ppm	Zinc ppm
1	4851	27840	25	1	<2	29
2	4852	34240	19	1	<2	37
3	4853	66880	4	2	<2	54
4	4854	46720	6	2	<2	42
5	4855	46400	4	2	<2	47
6	4856	28800	5	2	<2	29
7	4857	38560	9	2	<2	38
8	4858	40000	26	1	<2	38
9	4859	38560	53	2	<2	44
10	4860	43840	17	2	<2	54

Certified By:





ACCURASSAY LABORATORIES

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THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
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Page 1

MEL SWERDA
BOX 936
GERALDTON, ONTARIO
POT 1M0

February 29, 1996

Job #964217

Accurassay	SAMPLE # Customer	Copper ppm	Silver ppm	Lead ppm	Zinc ppm	Iron ppm
1	4861	39	12	<2	28	>10,000
2	4862	12	1	<2	53	>10,000
3	4863	30	2	<2	33	>10,000
4	4864	33	1	3	30	>10,000
5	4865	55	1	<2	25	>10,000
6	4866	70	2	<2	55	>10,000
7	4867	47	2	<2	38	>10,000
8	4868	7	2	<2	36	>10,000
9	4869	15	2	<2	59	>10,000
10	4870	4	2	<2	53	>10,000
11	4871	6	2	2	44	>10,000
12	4872	144	2	<2	106	>10,000
13	4873	171	1	2	99	>10,000
14	4874	281	1	73	52	>10,000
15	4875	1568	2	16	73	>10,000

Certified By: _____

Ch. Bever



ACCURASSAY LABORATORIES

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Page 1

MEL SWERDA
BOX 936
GERALDTON, ONTARIO
P0T 1M0

February 29, 1996

Job #964217

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	Hole # 4861 81 To 83 ✓	17	<0.001
2	C.R. 1996-1 4862 115 To 117 ✓	6	<0.001
3	4863 122 To 125 ✓	<5	<0.001
4	4864 19 To 21 ✓	<5	<0.001
5	4865 27 To 29 ✓	<5	<0.001
6	4866 41 To 42 ✓	<5	<0.001
7	4867 55 To 56 ✓	15	<0.001
8	Hole # 4868 57 To 58	<5	<0.001
9	C.R. 1996-3 4869 59 To 60	<5	<0.001
10	4870	<5	<0.001
11	Check 4870	<5	<0.001
12	4871	<5	<0.001
13	4872	<5	<0.001
14	4873	<5	<0.001
15	C.R. 1996-1 4874 34 To 35 ✓	1414	0.041
16	C.R. 1996-1 4875 256 To 257 ✓	45	0.001

Certified By: W. B. Bawa



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

Page 1

MEL SWERDA
BOX 936
GERALDTON, ONTARIO
P0T 1M0

February 13, 1996

Job #964133

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	Hole # E.R. 1996-1 4851 115-120 ✓	9	<0.001
2	4852 120-125 ✓	10	<0.001
3	4853 135-141 ✓	<5	<0.001
4	4854 155.7 160.8 ✓	9	<0.001
5	4855 170.4 178.4 ✓	<5	<0.001
6	4856 203-206 ✓	5	<0.001
7	4857 219-222 ✓	<5	<0.001
8	4858 236.2 238.6 ✓	<5	<0.001
9	4859 275-280 ✓	6	<0.001
10	4860 305-310 ✓	<5	<0.001
11	Check 4860	<5	<0.001

Certified By:



42E10NW0006 2.17215 CROLL

020

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 a chaque page

Hole No. Forage n° 76 Page No. Page n°

Drilling Company Compagnie de forage
Mel Swereda Drilling

Collar Elevation Élévation du collier
Bearing of hole from true North/Position du forage par rapport au nord vrai
310°

Dip of Hole at - 0-N°
Inclinaison du forage au

Address/Location where core stored Adresse/endroit où la carotte est stockée
magnet creek Highway 11 Mel's Place

Map Reference No. N° de référence sur la carte
Claim No. N° de concession minière
TB1093412

Date Hole Started Date de commencement du forage
Dec/95

Date Completed Date d'achèvement
Jan/96

Date Logged Date d'inscription au journal
Feb 21/96

Logged by Inscrit par
M.F. Swereda
Gerry WHITE

Collar/collier
FL/PI
FL/PI
FL/PI
FL/PI

Location (Twp, Lot, Con. or Lat. and Long.) Emplacement (canton, lot, concession, ou latitude et longitude)
CROLL TWP
SELECTION AREA

Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option
M J Swereda

Date Submitted Date de dépôt
Submitted by (Signature) Déposé par (signature)
M.J. Swereda

Property Name Nom de la propriété
SWEREDA - CROLL (PROPERTY)

Footage/Avancement		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
0	16 FT	CASING							
16	81 FT	ANDALUSITE	HIGHLY SILICIFIED MAFIC TO INTERMEDIATE METALLOGENIC WITH PROMINENT SILICIFICATION KENOSIS UP TO 5 MM. INDICATIVE OF PRESENCE OF CARBONATE VEINING FROM EAST. → KENOSIS / CARBONATE VEINING UP TO 5 MM. INDICATIVE OF PRESENCE OF CARBONATE VEINING FROM EAST. PHENOCRYSTS → MINOR QUARTZ - CALCITE STAINING WITH SOME POSSIBLE LEUCITITE ALTERATION → DARK GRAY, VERY FINE GRAINED AND MASSIVE THROUGHOUT. - MINERALIZATION - GENERALLY 1 FT TO VERY FINE DISS. PY. @ 41 FT → 3-5% PY + CHALCOPIRITE LOCALLY ON FRACTURE FACE ASSOCIATED WITH PROXIMAL QUARTZ VEINING. (1% VERY FINE DISS. PY + CH.)	SAMPLING	H-1-4 @ 35'	141	4.5	AU BRAD (4.01 oz/T)	
					4866	@ 41'	42'	1 FT	
						H-1-1 @ 103'	104'	1 FT	
					4862	@ 115'	120'	2 FT	
						H-1-3 @ 128'	125'	3 FT	
						H-1-1 @ 160'	161'	1 FT	
						H-1-2 @ 257'	257.5'	.5	AU BRAD (4.01 oz/T)
					4861	81	83	2 FT	
					4867	55	56	1 FT	
					4865	27	29	2 FT	
					4864	19	21	2 FT	
					4863	127	125	2 FT	
					4874	34	35	1 FT	
81	125	ALTERED ANDALUSITE	ALTERATION ZONE DESCRIBED WITH CORE LARGE STUCK - Red Brown to blackish, highly silicified and carbonaceous. FINE FRACTURE FINE GRained ANDALUSITE, (PY - MOENBYSSUM (81') AND) TOWARD END (FROM 103' TO 112' AND 113' TO 114' USE VERY FINE PY + CH.)	SAMPLES	904866 @ 103'		135	141	2 FT

RECEIVED
APR 28 1997
MINING LANDS BRANCH

0204 (03/91) * For features such as foliation, bedding, schistosity, measured from the long axis of the core. † Additional credit available. See Assessment Work Regulation. * Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte. † Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond Journal de
Drilling forage au
Log 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°

Drilling Company Compagnie de forage MCL SWEREDA DRILLING		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 310ft	Dip of Hole at Inclinaison du forage au Collar/collier	Address/Location where core stored Adresse/endroit où la carotte est stockée Magnet Creek Hwy 11 Melis Place	Map Reference No. N° de référence sur la carte	Claim No. N° de concession minière T-B 1093412
Date Hole Started Date de commencement du forage Dec/1995	Date Completed Date d'achèvement Jan/1996	Date Logged Date d'inscription au journal FEB 14/96	Logged by Inscrit par M.F. Swereda Gerry White	FT/PI 60N	Location (Twp, Lot, Con. or Lat. and Long.) Emplacement (canton, lot, concession, ou latitude et longitude) Roll Twp 6660700000			
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option M.F. Swereda		Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature) M.F. Swereda	FT/PI				
				FT/PI			Property Name Nom de la propriété SWEREDA-CROLL PROPERTY	

Footage/Avancement		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 pré- lèvement de l'échantillon (en pieds)		Sample Length Longueur de l'échantillon	Assays †/Analyses minéralurgiques	
From/De	To/A						From/De	To/A			
81	125	ANDESITE	OVERALL STRONGLY SILICIFIED INTERMEDIATE HIGH ALKALIC WITH VERY LOW STAIN-WORK QUIT & STANDBY FLUORITE AND QUARTZ QUARTZ BOUNDING FRAGMENTS AND BRACONITE QUARTZ FRAGS AUG 1CM AND CONTAIN REMAINS OF K-FELDSPAR (POSSIBLE MIXING FROM NEARBY - BUT FROM LOW GRANITE INTRUSION) OR POTASSIC ALTERATION. - Rock is well streaked with small frags of K-feldspar RICH GRANITE. - Dark gray-green containing very fine disseminated pyrite @ < 190.				115	125	SWEREDA		
(CONT)							115	125	MNDM	96-MMS-1	
125	135	ANDESITE	DARK GRAY MODERATELY SILICIFIED FINE GRAINED RELATIVELY HOMOGENEOUS INTERMEDIATE METABOLIC WITH MINOR QUARTZ STREAKS & CHARITIC ALTERATION - Rare 40% fine disseminated pyrite.								
135	171	ANDESITE TUFF	HIGHLY FRACTURED & HIGHLY IMPROBABLE TUFF WITH QUARTZ STREAKS AND MINOR STREAKS OF FLUORITE AND QUARTZ - Dark gray-green tuff with fine disseminated pyrite.				135	171	SWEREDA		
							135	171	MNDM	96-MMS-2	

0204 (02/91)

† 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.
† Use only this formula, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond Journal de
Drilling forage au
Log diamant**

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

Fill in on every page
Remplir ces cases à
chaque page

Hole No.
Forage n°
Page No.
Page n°

Drilling Company Compagnie de forage M. E. L. Drilling		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 310ft	Dip of Hole at Inclinaison du forage au Collar/collier	Address/Location where core stored Adresse/endroit où la carotte est stockée Magnet Creek Hwy. 11 Melis Place	Map Reference No. N° de référence sur la carte	Claim No. N° de concession minière TB1093412
Date Hole Started Date de commencement du forage Dec/1995	Date Completed Date d'achèvement Jan/1996	Date Logged Date d'inscription au journal FEB 24/96	Logged by Inscrit par M. F. Swereda Gerry White	FL/PI 6DN	Location (Twp. Lot, Con. or Lat. and Long.) Emplacement (canton, lot, concession, ou latitude et longitude) Eroll T.W.P. Geraldton area.			
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option M. F. Swereda		Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature) M. F. Swereda	FL/PI				
				FL/PI			Property Name Nom de la propriété Swereda-Eroll Property	

Footage/Avancement		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 pré- lèvement de l'échantillon (en pieds)		Sample Length Longueur de l'échantillon	Assays †/Analyses minéralurgiques
From/De	To/À						From/De	To/À		
		CON	- LIGHTER GRAY GRAN WITH MINOR CHLORITE ALTERATION RELATIVE TO STRATIFIED PLACEMENT							
141	155.7	AUGITE	MEDIUM TO FINE GRAINED INTERMEDIATE METACRYSTALLINE ROCK WITH MINOR QUARTZ AND GRAPHITE - RELATIVE/ HOMOGENEOUS WITH MINOR ALTERATION AND UP TO 1% PYRITE - SOME GRAPHITIC STRIPS NOTED AT 148.7 → 141 TO 144 - GRAPHIC TEXTURED MTD GRANUL COARSE FLOW CENTRE → 149 TO 150.5 - FINE GRAINED MTD GRANUL → 150.5 TO 155.7 - MEDIUM FINE GRAINED MODERATELY TO HIGHLY STRATIFIED INTERMEDIATE FINE ROCK WITH MINOR QUARTZ - CARBONATE STRIPES (BECOMES GRAPHIC STRATIFIED FROM 152.7 TO 155.7)							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.
† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

† Additional credit available. See Assessment Work Regulation.
† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond Journal de
Drilling forage au
Log 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°

6
TB 1093412

Drilling Company Compagnie de forage Melis Drilling		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 3104	Dip of Hole at Inclinaison du forage au Collar/collier	Address/Location where core stored Adresse/endroit où la carotte est stockée MAGNET Creek Hwy # 11 Melis Place	Map Reference No. N° de référence sur la carte	Claim No. N° de concession minière TB 1093412	
Date Hole Started Date de commencement du forage Dec/95	Date Completed Date d'achèvement Jan/96	Date Logged Date d'inscription au journal FEB. 14, 1996	Logged by Inscrit par Mel Swereda Gerry White	FI/PI 60N	Location (Twp. Lot, Con. or Lat. and Long.) Emplacement (canton, lot, concession, ou latitude et longitude) Creek Twp Guelton area		Property Name Nom de la propriété SWEREDA - CRK (MAGNET)		
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option M.F. Swereda		Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature) M.F. Swereda	FI/PI			FI/PI	FI/PI	

Footage/Avancement		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 pré- lèvement de l'échantillon (en pieds)		Sample Length Longueur de l'échantillon	Assays † / Analyses minéralurgiques
From/De	To/À						From/De	To/À		
1557	191	Dolomite AND QUARTZ	HIGHLY FRACTURED AND DEFORMED SECTION OF INTERMEDIATE METAMORPHIC KIMBERLITE WITH HIGHLY CONCRETED QUARTZ-CARBONATE STRIPES AND KING DARK GREEN TO BLACK CHLORITIC SHEARS.		SAMPLE SECTION		155.7	160.8	SWEREDA	
			→ Generalized chloritic alteration in dolomite		SAMPLE SECTION		170.4	178.4	SWEREDA	
			158	159	MJDM	96-MMS-3				
			163	168	MJDM	96-MMS-4				
			180.0	185.0	MJDM	96-MMS-5				
			155.7 - 160.8 → HIGH CONCENTRATION OF QUARTZ-CARBONATE VEINING / VEINETS WITH ASS. PRECIPITATION (SHOWS CRACK SEAL FILLING IN VEINETS)							
			164.3 - QUARTZ-CARBONATE VEINING WITH 1-2% Pyrite							
			170.4 TO 177.4 - HIGHLY DEFORMED, PRECIPITATED AND MODERATELY SILICIFIED KIMB FROM 175 TO 177.4 WITH K-1 (KIMBERLITE) QUARTZ-CARBONATE							
191	206.4	AND QUARTZ	Light grey to white, medium to coarse grained, moderately metamorphosed (likely chloritic) kimberlite with moderate to high pyrite content.		SAMPLE SECTION		203.0	206.0	3 FT	
			→ Argillaceous alteration in kimberlite		SAMPLE SECTION		218.0	220.0		

02/04 (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.
Note: Data on this sample form is designed for use on cores. The specimen is used in the sense north.



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°

Header section containing fields for Drilling Company (Melis Drilling), Date Hole Started (Dec/95), Date Completed (Jan/96), Date Logged (Feb. 14/1996), Logged by (M.F. Swereda, Gerry White), Submitted by (M.F. Swereda), Address/Location (Magnet Creek Hwy 11 Mel's Place), Map Reference No., Claim No. (TB-1093412), Location (Geraldton area), and Property Name (Creek - Swereda Property).

Main data table with columns: Footage/Avancement (From/De, To/À), Rock Type (Type de roche), Description (Colour, grain size, texture, minerals, alteration, etc.), Planar Feature Angle, Core Specimen Footage, Your Sample No., Sample Footage/Niveau de prélèvement, Sample Length, Assays. Includes handwritten entries for 'VENIETS' and 'ANDERSON FLOW'.

* 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.

Note: Dans cette formule, lorsqu'il s'agit des personnes, le masculin est utilisé au sens neutre.

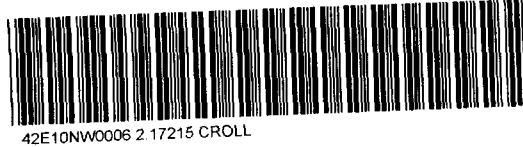


Declaration of Assessment Work Performed on Mining Land

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

MINING LANDS
 Transaction Number (office use)
W9740-90
 Assessment Files Research Imaging

Personal information
Mining Act, the info
Questions about the
333 Ramsey Lake



42E10NW0006 2.17215 CROLL

nd 66(3) of the Mining Act. Under section 8 of the
t work and correspond with the mining land holder
if Northern Development and Mines, 6th Floor.

900

2.17215

Instructions:

- Please type or print in ink.

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

Name Melvin Frank Swereda	Client Number 199458
Address Box 936 Geraldton, ONT POTIMO	Telephone Number 1(807) 854-0535
	Fax Number
	Client Number
	Telephone Number
	Fax Number

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

Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
 Physical: drilling, stripping, trenching and associated assays
 Rehabilitation

Work Type Diamond Drilling	Office Use
	Commodity
	Total \$ Value of Work Claimed \$ 14,340
Dates Work Performed From 29 11 1995 To 02 03 1996	NTS Reference
Global Positioning System Data (if available)	Mining Division THUNDER BAY
Township/Area Croll Township	Resident Geologist District GERALDTON
M or G-Plan Number G-491	SEALDHOPE

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

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

Name Melvin Frank Swereda	Telephone Number
Address Box 936 Geraldton, ONT POTIMO	Fax Number
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
 APR 28 1997
 MINING LANDS BRANCH

4. Certification by Recorded Holder or Agent

I, **Melvin Frank Swereda** (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 <i>Melvin Frank Swereda</i>	Date
Agent's Address	Telephone Number
	Fax Number



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

W9740-90

2.17215

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, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 870-7264.

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, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 870-7264.

1. Direct Costs/Coûts directs

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
Wages 38 x \$100 Salaires	Labour Main-d'oeuvre	3800.00	
	Field Supervision Supervision sur le terrain	5700.00	
38 x \$150.00			
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type		
		0	
Supplies Used Fournitures utilisées	Type		
	Fuel for Drill	\$1209.76	
	gas for Pumps	\$478.63	
	Supplies casing, casing shoe bits, Shell, core boxes	\$318.35	
		1825.00	
Equipment Rental Location de matériel	Type		
		0	
Total Direct Costs Total des coûts directs			

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
	20 Km x 38 days TRUCK x 30	\$2280.00	
			18.00
Food and Lodging Nourriture et hébergement		0	
Mobilization and Demobilization Mobilisation et démobilisation	moving drill & equipment into job site on out	\$780.00	
Sub Total of Indirect Costs Total partiel des coûts indirects			1008.00

Amount Allowable (not greater than 20% of Direct Costs)
Montant admissible (n'excédant pas 20 % des coûts directs)

Total Value of Assessment Credit
(Total of Direct and Allowable indirect costs)
Valeur totale du crédit d'évaluation
(Total des coûts directs et indirects admissibles)

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 ce effet. Si la vérification n'est pas effectuée, le ministre peut rejeter toute ou une partie des travaux d'évaluation présentés.

Filing Discounts

Remises pour dépôt

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:

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.

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

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

Certification Verifying Statement of Costs

Attestation de l'état des coûts

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.

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.

that as John L. Severeda I am authorized
(Recorded Holder, Agent, Position in Company)

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

to make this certification
Thunder Bay
Mining Division

à faire cette attestation.

MAR - 4 1997

Signature _____ Date Mar 1/97

RECEIVED

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



May 8, 1997

Michael Weirmeir
Mining Recorder
435 James Street South
Suite B003
Thunder Bay, ON
P7E 6E3

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

Telephone: (705) 670-5853
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17215

Status

Subject: Transaction Number(s): W9740.00090 Approval

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

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

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

NOTE: This correspondence may affect the status of your mining lands. Please contact the Mining Recorder to determine the available options and the status of your claims.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at beneteau_s@torv05.ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Ron C. Gashinski".

ORIGINAL SIGNED BY
Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

Work Report Assessment Results

Submission Number: 2.17215

Date Correspondence Sent: May 08, 1997

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9740.00090	1093412	CROLL	Approval	May 07, 1997

Section:

10 Physical PDRILL

Note, both drill holes CR96-1 and CR96-3 were drilled on claim 1093412. Accordingly, assessment credit has been approved and distributed as noted on the attached Distribution of Assessment Credit form.

Correspondence to:

Mining Recorder
Thunder Bay, ON

Resident Geologist
Thunder Bay, ON

Assessment Files Library
Sudbury, ON

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

MELVIN FRANK SWEREDA
GERALDTON, Ontario

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s). Please contact the Mining Recorder to determine if this affects the status of your claims.

Date: May 08, 1997

Submission Number: 2.17215

Transaction Number: W9740.00090

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1093412	14,340.00
Total: \$	<u>14,340.00</u>

NOTES

AREAS WITHDRAWN FROM DISPOSITION

S.F.—SURFACE RIGHTS M.R.—MINING RIGHTS

Description Order No. Date Disposition File

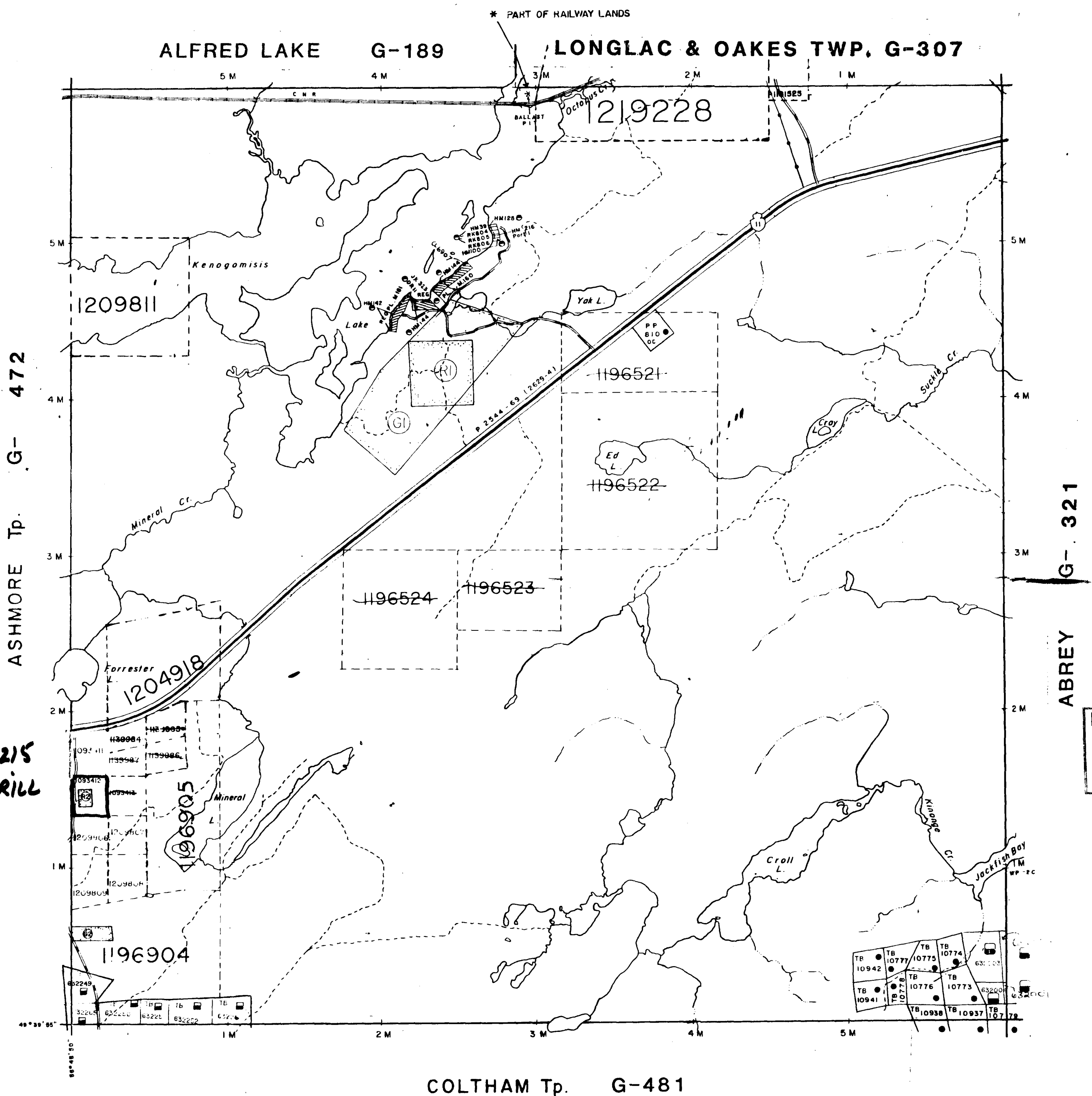
(R1) SURFACE RIGHTS WITHDRAWN FROM STAKING ORDER W-33/83 NWR

(R2) SURFACE RIGHTS WITHDRAWN FROM STAKING ORDER W-TB-31/91 31/11/99 EQUIPMENT STORAGE

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.

(G1) MTC GRAVEL PIT # 1568
(G2) MTC GRAVEL PIT # 4A-51

ALFRED LAKE G-189 LONGLAC & OAKES TWP, G-307



LEGEND

HIGHWAY AND ROUTE No.	
OTHER ROADS	
TRAILS	
SURVEYED LINES:	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES:	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION	
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	
CROWN LAND SALE	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	
LAND USE PERMIT FOR COMMERCIAL TOURISM OUTPOST CEMETERY	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



RECEIVED
MINE DIVISION
APR 28 1997
MINING BRANCH

2-17215
2-17215

CROLL

M.N.R. ADMINISTRATIVE DISTRICT
GERALDTON
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY



Date OCTOBER, 1961
MAY 07, 1993 (mw)

Number
G-491

AUGUST 6, 1985



42E10W0006 2.17215 CROLL