



41P06NE2009 2.19354 NORTH WILLIAMS

010

O.P.A.P. Final Submission

North Williams Township

and

Dufferin Township

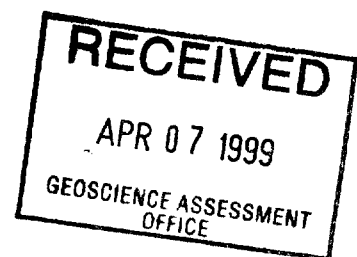
Joe-Anne Salo

M-21106

October 1998

O.P.A.P. #98

2.19354





OPAP

41P06NE2009

2.19354

NORTH WILLIAMS

010C

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DUFFERIN TOWNSHIP

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DUFFERIN TOWNSHIP

Location

This property is located in the southern part of the Shiningtree area. It consists of 28 units in Dufferin Township, Larder Lake Mining Division, Kirkland Lake M.N.R. District and can be found on claim map G-3629. The property can also be located at a latitude and longitude of 81 00', 47 22'. On the Westree NTS map (41P/SW) Dufferin Township is cut in half along Sivester Creek which is a natural boundary to the majority of the claims of this property.

ACCESS

Access to the Dufferin Property is by a forestry road (Sandy Falls Road) that starts at the garbage dump just west of the village of SHiningtree on Highway 560 and via Hydro access o access roads. It is approximately 52 km from Highway 560 to the property. A standard vehicle would have little difficulty traversing the route in the summer though a four wheel drive is advisable, particularly over the Hydro access portion. Access roads are not kept open in the winter.

CLAIMS

The DUfferin property consists of 6 claims totalling 28 units. They are numbered as follows:

1180356- 1 unit	1151286- 1 unit
1151285- 1 unit	1151284- 8 units
471455 - 1 unit	1228199- 16 units

PREVIOUS HISTORY

The original copper occurrence was located on the property in 1968 by Roy Annett and after a few plugger holes into the malachite outcrop the property was optioned by D. Sutherland. Apparently a drill was moved in and three vertical holes to the west and north of the showing were put in place. Although collared in the diabase they passed into arkose quartzite carrying pyrite and chalcopyrite mineralization and finished in greenish white quartzite. There are no records of any assays.

The property was again optioned to Asquith Resources who in 1992, performed a magnetometer and VLF survey over parts of the property. A small area of stripping was also done.

(Kirkland Lake file 2.14725). In 1996 an I.P. survey was done over small selective grids.

Asquith Resources dropped the option when the company sold out and changed its venue of portfolio.

Since then there has been no work performed on the property.

GEOLOGY

General:

Dufferin Township is underlain by Archean volcanics and granitic intrusions which appear in outcrops over the eastern portion of the area. Only the granite outcrops on the Dufferin property. Overlaying these older rocks is a thick covering of Huronian sediments composed of quartzites, arkoses and conglomerates lying unconformably upon the basement rocks. These sedimentary rocks have been intruded by dikes and sills of diabase and gabbroic rocks, part of the Nipissing intrusive era of Proterozoic age.

The only regional geology compiled for the area was carried out by D.G.F. Long and A.C. Colvine of OGS during 1985 and published as

preliminary map No. P3048 in 1986 as Geology of Huronian Strata in Part of the Northwestern Cobalt Plain at a scale of 1:50,000.

Property

The Dufferin Property showing occurs as a small window in extensive overburden (sand, swamp and lake) covered area. It is known to contain up to 5% disseminated sulphide with average content being in the 2% range hosted by a quartzite-quartz pebble formation of upper middle Lorrain age.

The original showing was discovered by a malachite stain on the quartzite. Some mapping was done by J. Tindale in 1996, but physical limitations prevented further studies.

PROPOSED PROGRAM

The Dufferin Township Property will be subject to line-cutting, magnetometer survey and a drill hole. The work will concentrate on claim number 471455 just north-west of the small lake. Also traverses for general mapping will be done on claim 1228199. Asssays will be done as required.

ACTUAL PROGRAM

Drilling- Due to assessment dates a drill hole was put into place on claim 471455 using Asquith Resources magnetometer data from 1992.

The drill collar is located 75m east and 100m north of the #3 post of claim 471455 and on line co-ordinates

12+75W 5S. The hole was drilled to 306' on a 360 Azimuth and dip angle of 50 degrees.(see map # taken from J. Tindale report for surface geology). The hole encountered mostly quartzite with feldspar and biotite.

The core was logged by Wallbridge Mining with one sample being sent for assays, however this author has yet to receive the results.

CONTROL LINE

A control line was cut from the #4 post of 1228199 east for 175m to the center of the Hydro Line, south for 460m on the Hydro Line to an entry point at the south end of the slew, then east again to 520m to the road on the east side of the showings. This line was used as location for measuring and control purposes.

STRIPPING AND PLUGGER WORK

Three main areas where stripped using a John Deere 450 bulldozer. The first area of stripping was wahed using a Wajax pump, unfortunately the bearing seized and the other two showing could not be thoroughly washed.

Each area is discussed as follows:

AREA ONE:

Area one is located on claim 1228199 and was originally found during a prospecting venture by R. Annett. It is was a dome shaped outcrop with malachite staining.

The northern most edge of this showing is 18 m south of the 5+00E picket on the control line. It measures 33.7m N/S and 16.4m E/W. The main dome is 10m N/S tapering off over

16m. The showing is primarily quartzite with an intrusion of pillow lava in the northwest corner of the dome striking at a 45 degree angle.

A total of 24 plugger holes were put in place in three areas and blasted. One sample from each area were taken for assays.

sample 663819- pillow lava with 5% visible chalcopyrite.

Assay request- Cu Multi element

Base Metal results- Cu- 2898 ppm

Zn- 87 ppm

Ni- 105 ppm

Note- Ba 230 ppm, Mg 1.63%

sample 663820- Rusty quartzite with malachite staining

Assay request- Cu

Results- Cu=821ppm

sample 663821- quartzite altered to
gabbro with visible sulphides

Assay request Cu, Multi element

Base Metal results- Cu=76ppm

Zn=10ppm

Ni=17ppm

AREA TWO

This area is located on the southern edge of the slew beside the hydro access road and is 200 meters north of area one.

The rocks exposed in this area are rolling and banded. Going from the road on the east it starts as a quartz pebble conglomerate with a contact of altered gabbro. The center is quartzite and the western most part is gabbro altering to diabase.

The area of stripping is 14.5m N/S at its widest point and 35 meters E/W. A total of twelve plugger hole were put in place over three sections and blasted. Six of the samples were taken for assays.

sample 663822- quartz pebble
conglomerate with epidote stringers
Assay request- Cu Au
Results Cu=794ppm
Au- <5ppb

sample 663823-altered gabbro
with quartzite and visible sulphides.
Assay request-Cu Zn Au Plat Multi
element
Results- Cu=1863ppm
Zn=35ppm
Au=3ppb
Plat=6ppb
Note Mg 1.01% Ca 1.22%

sample 663824-diabase with
visible sulphides

Assay request-Ag Co Cu Plat Multi

Results- Ag = <1

Co = 42ppm

Cu = 1642ppm

Plat = <.5ppb

Base Metals Zn = 31ppm

Ni = 114ppm

note: Mg 1.89% Al 2.22% Ca 3.29%

sample 663826-calcite/gabbro

Assay request- Co Ag Au Cu

Results; Co = 39ppm

Ag = 2ppm

Au = <5ppb

Cu = 227ppm

sample 663827 altered gabbro

Assay request Ag Cu Plat

Results Ag = <1ppm

Cu = 2363 ppm

Plat = <5ppb

AREA THREE

Area three is located 225 meters north of Wren Creek on the Hydro access road. The host rock is green volcanics and contains several parallel veins of barite. This area is the side of a steep mountain that drops quickly into the swamp. The area of stripping is 16.5 m x 9 m as the grade of the slope was too great for the dozer. On the very top of the mountain a barite vein is visible for only a short distance of 2 meters and is 36 cm wide. At the area of the stripping the barite vein is visible for 12 meters and is 42 cm wide. At a distance of 50 meters further up the road the mountain has a natural gutway. At the top of the gutway on the south side is a barite vein measuring 104 cm and can be traced

for approximately 4 meters on surface.

Although six plugger holes were blasted at the area of stripping, no samples were sent for assay.

However a sample was taken from the vein at the top of the gutway (#663828). It was assayed for BaSO₄ and returned a value of 97.36%.

Conslusions and Recommendations

As this property was thought to be a base metal play, the assays were disappointing. The copper values of area one and area two do show that claim 1228199 requires further work. Using the theory that the main barite vein in North Williams Township was faulted, the barite vein that assayed 97.36% BaSO₄ is definitely worth doing some more work on.

1. A survey grid be put in place between the road and hydro line between areas one and two, with a magnetometer survey.

2. An excavator be used to strip the gutway from the barite vein to area three on the road.

3. A drill hole in the area of the Barite vein to determine the depth of the vein.

4. If the barite vein proves to be large enough, a bulk sample should then be taken.

MAPS



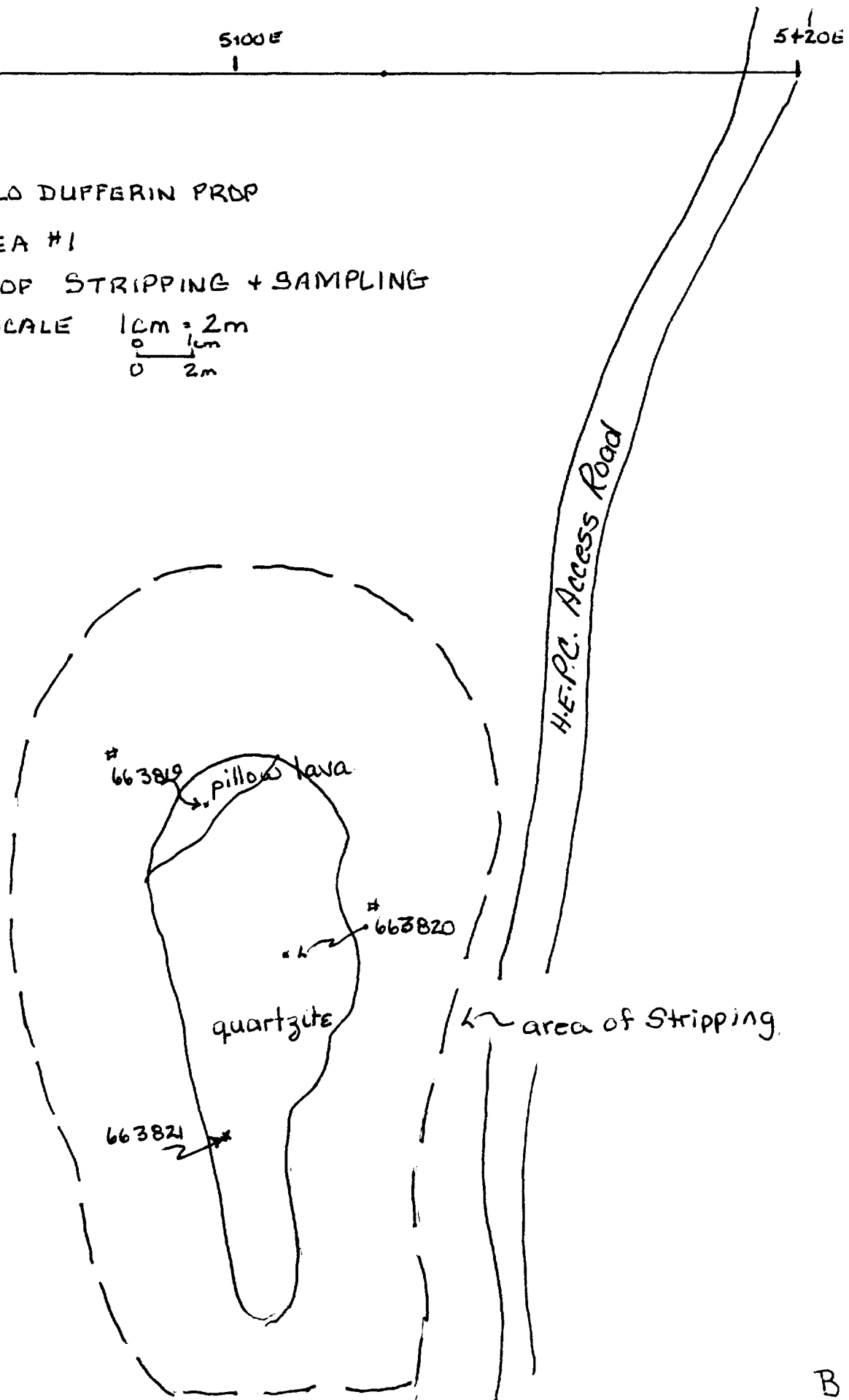
Control Line 5100E 5+20E

ANNETT-SALO DUFFERIN PRDP

AREA #1

PLAN OF STRIPPING + SAMPLING

SCALE 1cm = 2m
0 1cm 2m



ANNETT-SALO DUFFERIN PROP

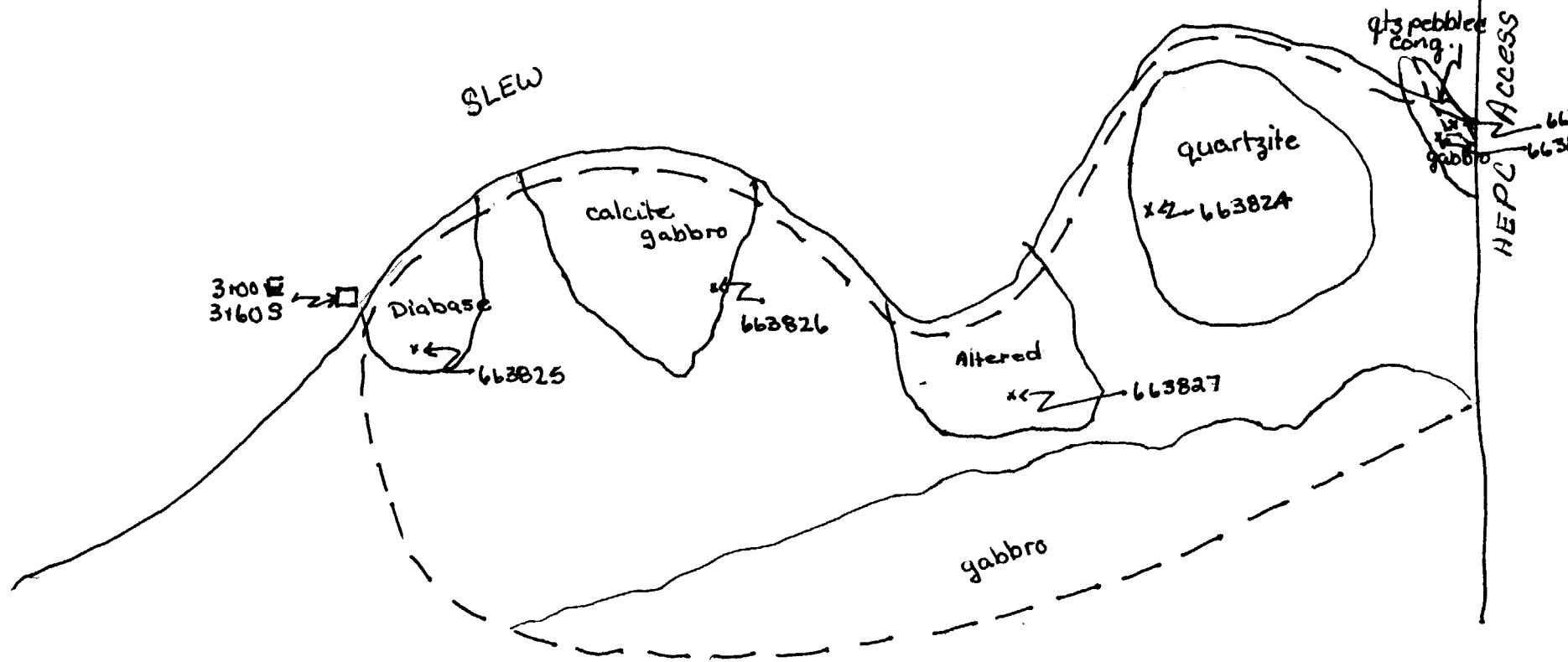
AREA # 2

PLAN OF STRIPPING + SAMPLING

SCALE 1 cm = 2m
0 1cm
0 2m

SLEW WIDTH AT ROAD 28.5m

HEPC Access Road



SLEW

3100
3160

Diabase

663825

calcite
gabbro

663826

Altered

663827

quartzite

x4-663824

gabbro

qtz pebbles
Cong.

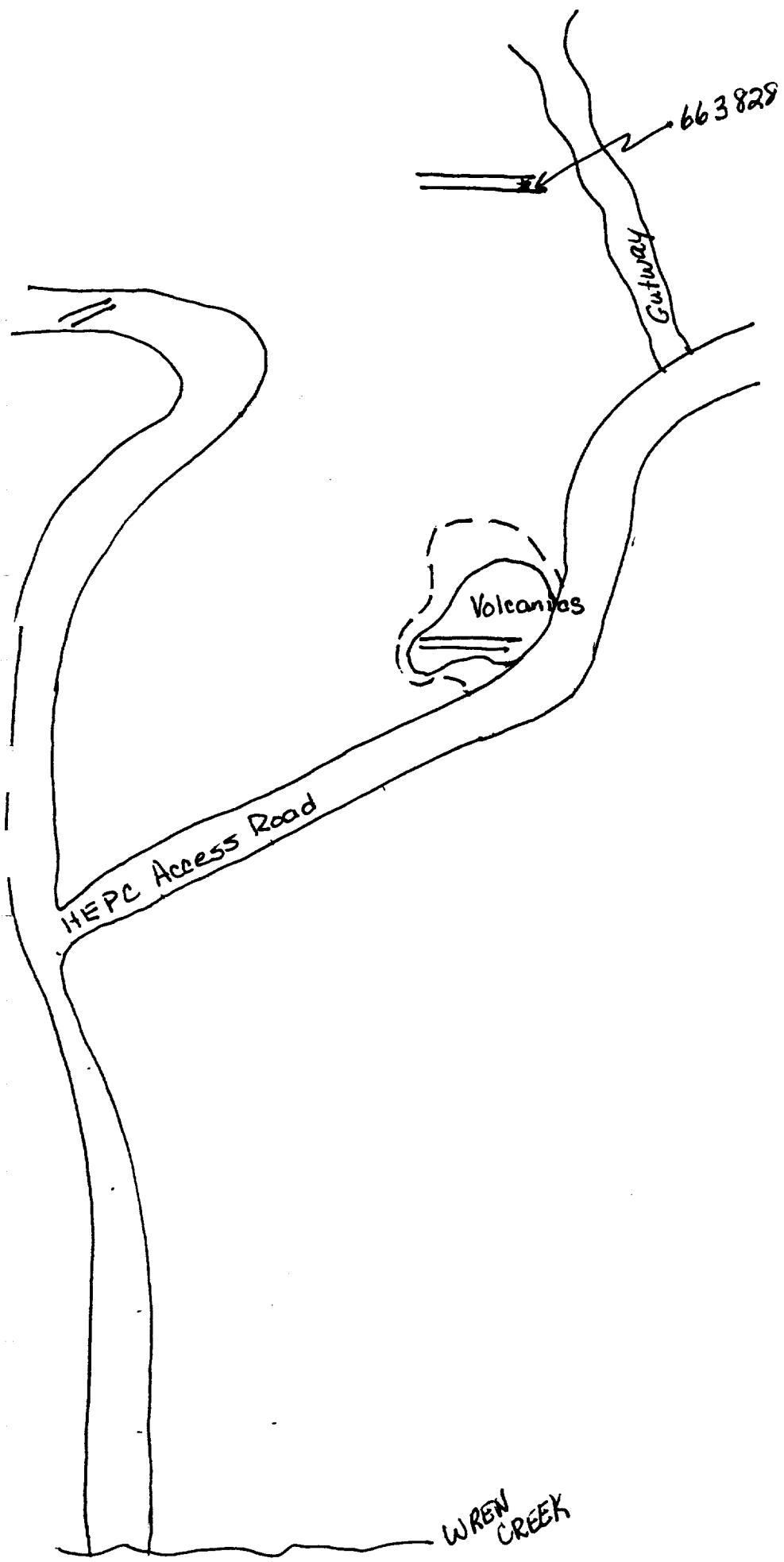
gabbro

663828

663829

C

A
7



ANNETT-SALO DUFFERIN
PROPERTY

AREA #3

PLAN OF STRIPPING
& SAMPLES

SCALE 2cm = 25m
0 ——— 2cm
0 ——— 25m

==== Barite vein.

WREN
CREEK

DRILLING

Logs
Location
Section

Wallbridge Mining Company Ltd.

129 Fielding Road
Lively, Ontario
P3Y 1L7
Tel: 705-682-9297

**DRILL HOLE DESCRIPTION
DETAILED LOG**

Project: *Dufferin*

Hole #: *EA # 1*

Comments: *75m East, 100m South of # 4 Post
Claim 1151286*

Northing: -100.000
Easting: 75.000
Elevation: 0.000
Field Location *75m E, 100m S of # 4*

Casing Exposed: 20.0
Casing Size: BQ
Contractor: Sparta Drilling
Assay Lab: Swastika Labs

Length: 306.00
Start Dip: -50.0
Start Azimuth: 360

Project: Dufferin
Area:
Property: 75m E, 100m S

Logged by: Richard Murphy
Log date: 22/05/1998
Date Started: 16/05/1998
Date Finished: 22/05/1998

Map Reference: Dufferin Twp.
Claim: 1151286
Region: Ontario

Dip Tests

Hole #	Depth	Azimuth	Dip
EA # 1	0.00	360.00	-50.00

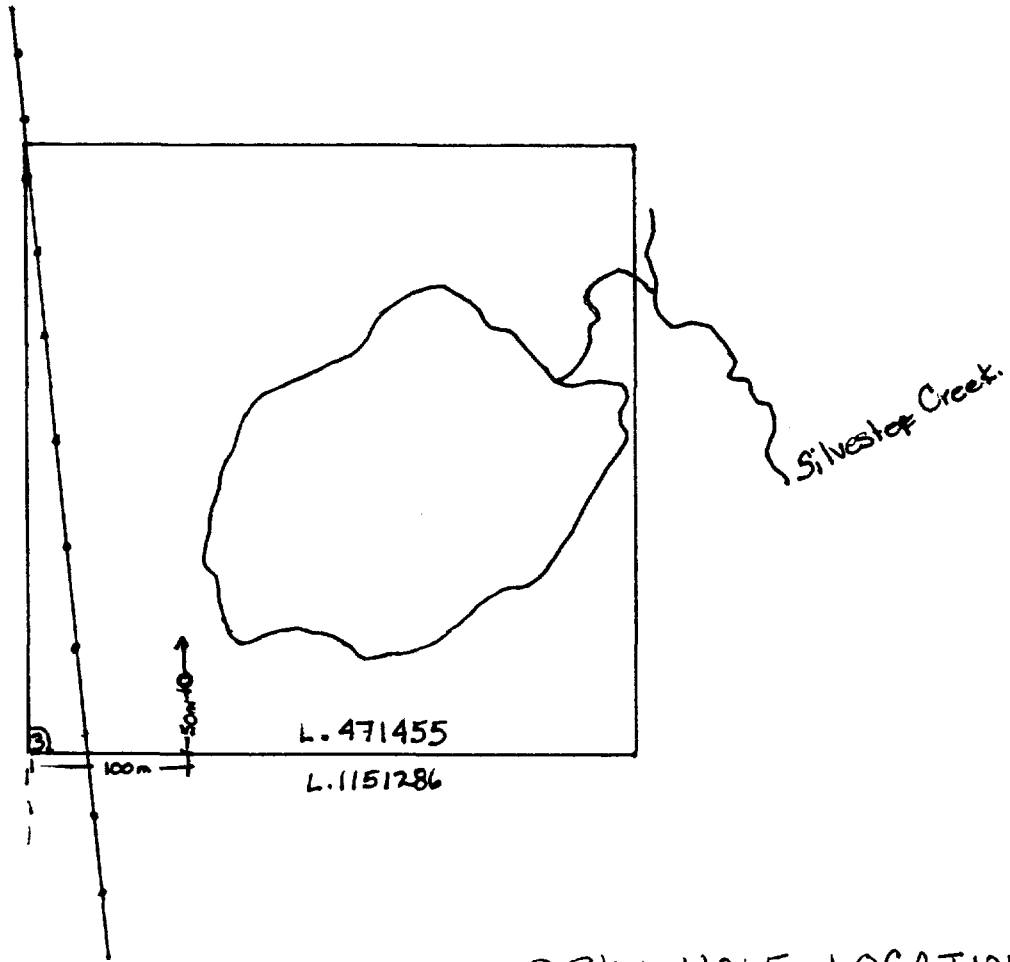
Richard Murphy

From	To	Description	From	To	Width	Sample
0.00	20.00	Casing				
20.00	37.90	Quartzite <i>Mostly sand sized grains, minor quartz pebbles. Primary composition is 90% quartz, 9% potassic feldspar, 1% biotite. Strong potassic alteration throughout, totally coating 80% of all grains. There is a total of 5-15% K-spar overprint.</i>				
37.90	53.90	Quartzite <i>Mostly sand sized grains, common quartz pebbles 3-6 mm in diameter. Primary composition is 90% quartz, 7% potassic feldspar, 3% biotite. Moderate potassic (possibly hematitic) alteration throughout.</i>				
53.90	78.90	Quartzite <i>Dominantly pebbly with minor sand sized grain intervals. Fine grained component generally decreases down-section. Diss py 0.10-0.40%</i>				
78.90	87.00	Quartz pebble conglomerate <i>20% quartz pebbles up to 1.1 cm in diameter. Less than 40% (by volume) of grains are sand sized or smaller. Diss py 0.10-0.50%</i>	84.94	85.42	0.48	387
87.00	111.40	Quartzite <i>Minor pebble-rich layers. Common, spotty hematitic alteration.</i>				
111.40	201.43	Quartzite <i>Typically sand sized grains, common solitary quartz pebbles up to 1.8 cm in diameter. Minor, thin pebble - rich horizons. Unit is typically massive to very poorly bedded. Hematitic alteration is common, but variable, ranging from diffuse staining to zones of intense alteration. Rare, scattered weathered out sulphide casts.</i>				
201.43	266.60	Quartzite <i>Sill to sand sized grains. Hematitic alteration is common, but variable, ranging from diffuse staining to zones of intense alteration. Alteration generally increases toward the bottom of the interval. 241.1 - 250.56 - Common rounded quartz pebbles 2-12 mm in diameter.</i>				

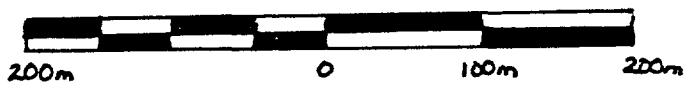
5

From	To	Description	From	To	Width	Sample
		<i>Rare angular fragments of quartz arenite with well preserved bedding.</i>				
266.60 -	306.00	Quartzite				
		<i>Sand sized grains. Dominantly dark pink due to strong hematitic alteration.</i>				
		<i>276.34-276.75 - Common rounded quartz pebbles 2-12 mm in diameter.</i>				
		<i>Rare angular fragments of quartz arenite with well preserved bedding.</i>				
		<i>300.06-300.65 - Common rounded quartz pebbles 2-12 mm in diameter.</i>				
		<i>Rare angular fragments of quartz arenite with well preserved bedding.</i>				

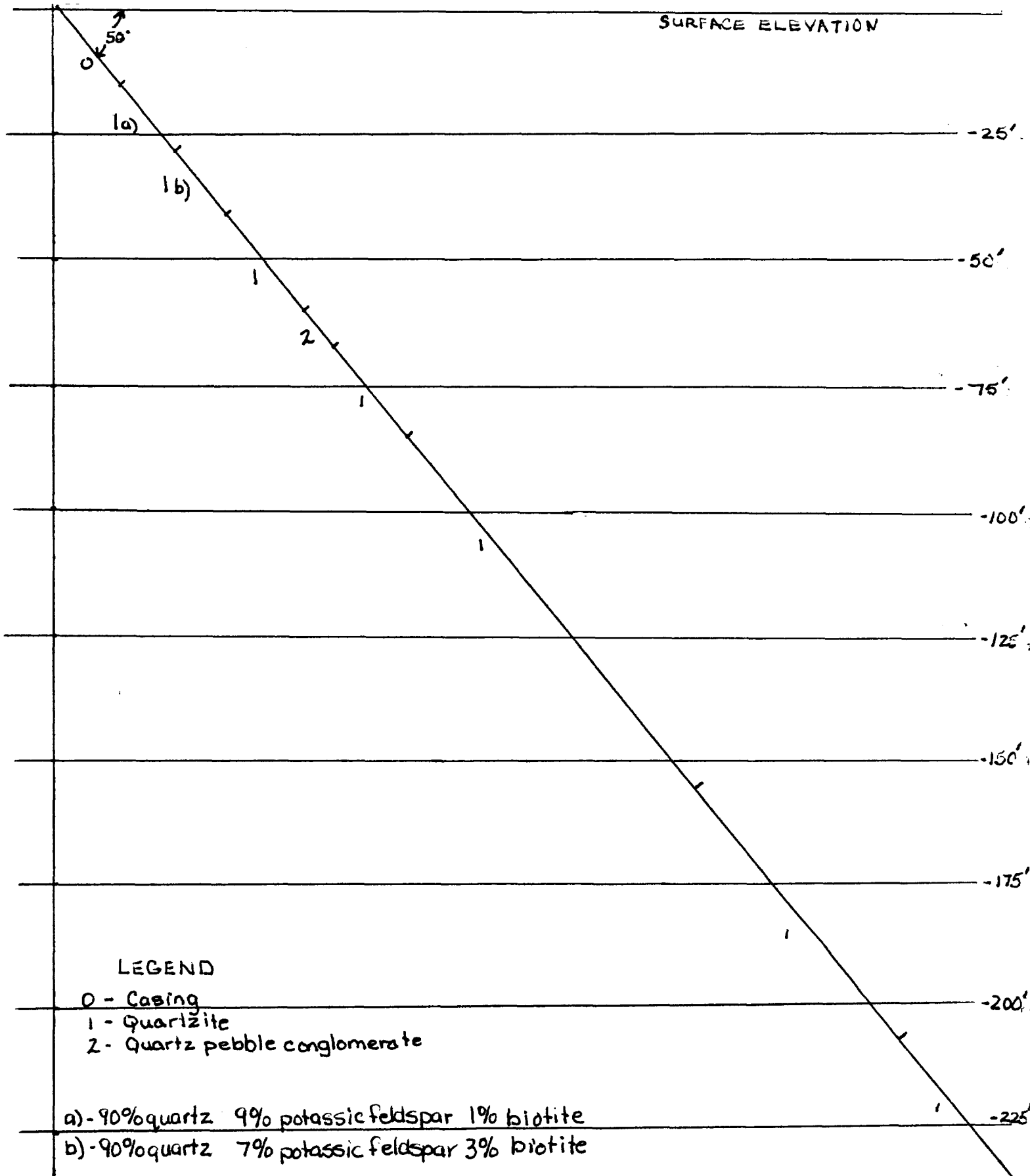
9



DRILL HOLE LOCATION
DUFFERIN TWP.
CLAIM 471455
AZ. 360° DIP 50°



SURFACE ELEVATION



LEGEND

- 0 - Casing
- 1 - Quartzite
- 2 - Quartz pebble conglomerate

a) - 90% quartz 9% potassic feldspar 1% biotite
 b) - 90% quartz 7% potassic feldspar 3% biotite



DRILL SECTION
 12+75W 5+00S
 Facing West
 Claim 471455
 Dufferin Twp

Bank
 306

L51005

ASSAYS



REPORT: T98-57538.0 (COMPLETE)

REFERENCE:

CLIENT: JOE-ANNE G. SALO

SUBMITTED BY: J. SALO

PROJECT: NONE

DATE RECEIVED: 21-AUG-98

DATE PRINTED: 11-SEP-98

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
980826	1 Au30	Gold	3	5 PPB	Fire Assay of 30g
980826	2 Au	Gold - Fire Assay	3	1 PPB	FIRE ASSAY
980826	3 Pt	Platinum	3	5 PPB	FIRE ASSAY
980826	4 Pd	Palladium	3	1 PPB	FIRE ASSAY
980826	5 Cu	Copper	11	1 PPM	HCL:HNO3 (3:1)
980826	6 Zn	Zinc	2	1 PPM	HCL:HNO3 (3:1)
980826	7 Co	Cobalt	5	1 PPM	HCL:HNO3 (3:1)
980826	8 Ag	Silver	4	0.1 PPM	HCL:HNO3 (3:1)
980826	9 Ni	Nickel	1	2 PPM	HCL:HNO3 (3:1)
980826	10 Ag	Silver	6	0.2 PPM	HCL:HNO3 (3:1)
980826	11 Cu	Copper	6	1 PPM	HCL:HNO3 (3:1)
980826	12 Pb	Lead	6	2 PPM	HCL:HNO3 (3:1)
980826	13 Zn	Zinc	6	1 PPM	HCL:HNO3 (3:1)
980826	14 Mo	Molybdenum	6	1 PPM	HCL:HNO3 (3:1)
980826	15 Ni	Nickel	6	1 PPM	HCL:HNO3 (3:1)
980826	16 Co	Cobalt	6	1 PPM	HCL:HNO3 (3:1)
980826	17 Cd	Cadmium	6	0.2 PPM	HCL:HNO3 (3:1)
980826	18 Bi	Bismuth	6	5 PPM	HCL:HNO3 (3:1)
980826	19 As	Arsenic	6	5 PPM	HCL:HNO3 (3:1)
980826	20 Sb	Antimony	6	5 PPM	HCL:HNO3 (3:1)
980826	21 Fe	Iron	6	0.01 PCT	HCL:HNO3 (3:1)
980826	22 Mn	Manganese	6	1 PPM	HCL:HNO3 (3:1)
980826	23 Te	Tellurium	6	10 PPM	HCL:HNO3 (3:1)
980826	24 Ba	Barium	6	1 PPM	HCL:HNO3 (3:1)
980826	25 Cr	Chromium	6	1 PPM	HCL:HNO3 (3:1)
980826	26 V	Vanadium	6	1 PPM	HCL:HNO3 (3:1)
980826	27 Sn	Tin	6	20 PPM	HCL:HNO3 (3:1)
980826	28 W	Tungsten	6	20 PPM	HCL:HNO3 (3:1)
980826	29 La	Lanthanum	6	1 PPM	HCL:HNO3 (3:1)
980826	30 Al	Aluminum	6	0.01 PCT	HCL:HNO3 (3:1)
980826	31 Mg	Magnesium	6	0.01 PCT	HCL:HNO3 (3:1)
980826	32 Ca	Calcium	6	0.01 PCT	HCL:HNO3 (3:1)
980826	33 Na	Sodium	6	0.01 PCT	HCL:HNO3 (3:1)
980826	34 K	Potassium	6	0.01 PCT	HCL:HNO3 (3:1)
980826	35 Sr	Strontium	6	1 PPM	HCL:HNO3 (3:1)
980826	36 Y	Yttrium	6	1 PPM	HCL:HNO3 (3:1)

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
980826	37 Ga	Gallium	6	2 PPM	HCL:HNO3 (3:1)
980826	38 Li	Lithium	6	1 PPM	HCL:HNO3 (3:1)
980826	39 Nb	Niobium	6	1 PPM	HCL:HNO3 (3:1)
980826	40 Sc	Scandium	6	5 PPM	HCL:HNO3 (3:1)
980826	41 Ta	Tantalum	6	10 PPM	HCL:HNO3 (3:1)
980826	42 Ti	Titanium	6	0.01 PCT	HCL:HNO3 (3:1)
980826	43 Zr	Zirconium	6	1 PPM	HCL:HNO3 (3:1)
980826	44 BaSO4	BaSO4	3	0.005 PCT	

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	14	-150	14	CRUSH, SPLIT PULVERIZATION	14

REPORT COPIES TO: MR. LARRY SALO
MR. SALO

INVOICE TO: MR. LARRY SALO

This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



Intertek Testing Services
Chimitec Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT: JOE-ANNE G. SALO

PROJECT: NONE

REPORT: T98-57538.0 (COMPLETE)

DATE RECEIVED: 21-AUG-98

DATE PRINTED: 11-SEP-98

PAGE 1A(1/ 2)

SAMPLE NUMBER	ELEMENT UNITS	Au30	Au	Pt	Pd	Cu	Zn	Co	Ag	Ni	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Mb	Sc		
		PPB	PPB	PPB	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM		
663819						2874					<.2	2898	10	87	1	105	31	<.2	<5	<5	<5	6.46	707	<10	230	134	203	<20	<20	3	2.40	1.63	1.69	0.07	0.10	14	9	6	36	7	22		
663820						821																																					
663821						76					<.2	74	<2	10	2	17	2	<.2	<5	<5	<5	0.58	126	<10	79	169	9	<20	<20	4	0.32	0.20	0.62	0.06	0.07	5	4	<2	3	<1	<5		
663822		<5				794																																					
663823			3	6	7	1794	35				<.2	1863	9	31	<1	50	17	<.2	<5	<5	<5	3.77	469	<10	36	121	237	<20	<20	4	1.17	1.01	1.22	0.11	0.05	11	9	5	22	6	20		
663824						1357					<.2	1418	6	19	1	31	14	<.2	<5	<5	<5	3.32	199	<10	42	158	226	<20	<20	7	0.65	0.46	1.21	0.12	0.04	7	9	<2	10	6	19		
663825			7	<5	1	1642	42	<.1			<.2	1558	8	31	2	114	40	<.2	<5	<5	<5	7.83	961	<10	47	51	212	<20	<20	7	2.22	1.89	3.29	0.06	0.12	16	14	7	46	7	19		
663826		<5				227	39	0.2																																			
663827			5	<5	1	2363		<.1																																			
663828																																											
663829		14				8379	41	56	0.5	139																																	
663830						148	18				<.2	141	5	30	<1	56	14	<.2	<5	<5	<5	3.02	2146	<10	927	144	92	<20	<20	5	1.05	0.50	7.76	0.02	0.27	284	16	3	17	5	15		
663831																																											
663832							570																																				



CLIENT: JOE-ANNE G. SALO
REPORT: T98-57538.0 (COMPLETE)

PROJECT: NONE

DATE RECEIVED: 21-AUG-98 DATE PRINTED: 11-SEP-98 PAGE 1B(2/ 2)

SAMPLE NUMBER	ELEMENT UNITS	Ta PPM	Ti PCT	Zr PPM	BeSO4 PCT
663819	<10	0.16	14		
663820					
663821	<10	<.01	7		
663822					
663823	<10	0.15	18		
663824	<10	0.18	21		
663825	<10	0.09	24		
663826					
663827					
663828				97.360	
663829					
663830	<10	0.03	12	11.070	
663831				48.350	
663832					

103

PHOTOS



Dufferin Twp
Area #1

← Pillow lava on
quartzite dome



quartzite
dome



Cluffier Jasp

Area #3

Barite stringer



A
N

Barite stringer



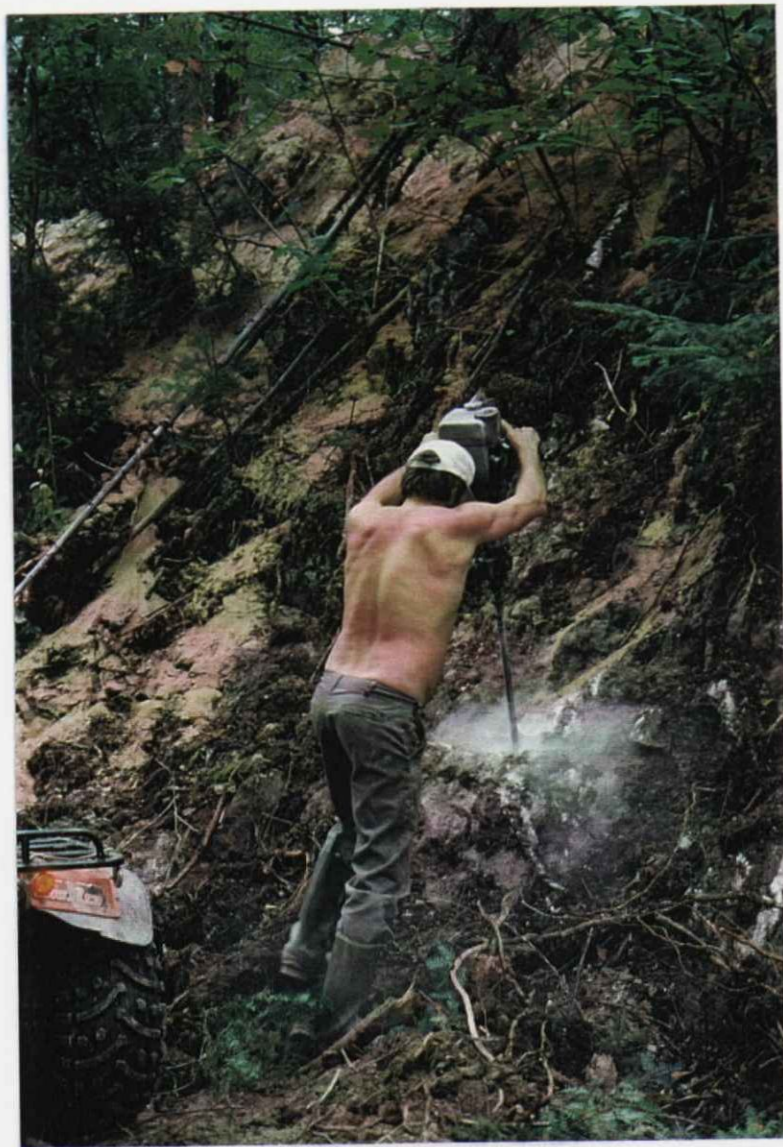
Waffren Swamp

Area #3

Barite Stringers



Barite Stringers



North Williams Top
Area 3



North rock face
Arkose with
barite stringers



Dufferin Top
Area 2

- plugger holes
into
quartz pebble
conglomerate



Dufferin Twp
Control line

looking west from S+20E

HEPC line
picket 1+75E 0+00



NORTH WILLIAMS TOWNSHIP

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NORTH WILLIAMS TOWNSHIP

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Area 1 and 2	C
Area 3 and 4	D
Area 5	E

DRILLING

Logs	F
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Assays

LOCATION

The North Williams Property is located in the southern part of the Shiningtree area. It consists of a 1 unit claim numbered 1224513 in North Williams Township, Larder Lake Mining Division, Kirkland Lake M.N.R. District and can be found on claim map G-3694. The property can also be located at a latitude and longitude of 81 02', 47 25', and on the Westree NTS map (41 p/SW).

ACCESS

Access to the North Williams Property is by a forestry road (SandyFalls Road) that starts at the garbage dump just west of the village of Shiningtree on Highway 560 to the Hydro Line. This distance is approximately 52 km. A standard vehicle can be used, however this road is not kept open in the winter.

CLAIMS

The North Williams Property is a single unit claim. At the time of applying for an OPAP grant the claim number was 1200736, but has since come open and been restaked as claim 1224513.

PREVIOUS HISTORY

There is no evidence of any previous work, nor any that can be found on file with the resident geologist.

GEOLOGY

General

North Williams Township is underlain by Archean volcanics and granitic intrusions which appear in outcrop over the eastern portion of the area. Overlaying these older rocks are a thick covering of Huronian sediments composed of quartzites, arkoses and conglomerates lying unconformably upon the basement rocks. These sedimentary rocks have been intruded by dikes and sills of diabase and gabbroic rocks, part of the Nipissing intrusive era of Proterozoic age.

The only regional geology compiled for the area was carried out by D.G.F. Long and A.C. Colvine of the OGS during 1984 and 1985 and published as preliminary map No. P3048 in 1986 as Geology of Huronian Strata in Part of the Northwestern Cobalt Plain at a scale of 1:50,000.

Property:

The North Williams Property has seen some stripping done in the spring of 1998 however bedrock was not reached. The strike of the barite vein is SW to NE through a gutway on the claim. The north side of the gutway is red arkose and the south side is diabase.

PROPOSED PROGRAM

The North Williams Property will be subject to a drill hole of not more than 500 feet. Geophysics will not detect the barite therefore it is not advisable at this time. If an association is found with a sulphide and the barite then a magnetometer survey may be done at a future date.

ACTUAL PROGRAM

The work on the North Williams Property consisted of stripping, plugger work, a drill hole of 346 feet, a control line and sampling.

The program on this claim was to try and locate the extension of the barite vein currently being mined by Extender Minerals.

The Barite vein on the mine property runs at a 50 degree angle and leaves surface at the hydro access road. The terrain of the hydro line at this point is several rolling hills. The dividing claim line crosses the hydro line approximately 200 feet south of where the vein leaves surface. On the west side of the hydro line a natural passageway runs at a 50 degree angle between the contact of diabase and arkose. This passageway drops steeply and ends in the swamp. The passageway has fairly deep overburden which prevented the bulldozer from reaching bedrock. By word of mouth from an excavator operator hired by Extender Minerals, who without permission, dug to bedrock, there is a 2 foot wide barite vein in the passageway.

CONTROL LINE

A control line was cut from the #1 post of claim 1224513 for 250 meters west. From this control line stripping, geology and the drill hole were located and mapped.

STRIIPING AND BLASTING

A John Deere 450 bulldozer was brought to the area. Five areas were stripped of which two had plugger work done. Each area is described as follows:

LOCATION ONE

Location One is in the passageway and measures 10 meters by 12 meters. Bedrock was not reached.

LOCATION TWO

Location Two is in the passageway and measures 12 meters by 12 meters. Bedrock was not reached.

LOCATION THREE

Location three is in the passageway and measure 14 meters by 12 meters. Bedrock was not reached.

LOCATION FOUR

Location four enters the bush at Location one where it is relatively the same elevation. It runs west to past location three. Just north of location two it runs to the claim line. The elevation of location four at location three is approximately 20 feet. A small wavy barite vein was uncovered. This vein runs at a 50 degree angle.

LOCATION FIVE

Location five is were the passageway and the swamp join. The area is at the base of the large outcrop. The outcrop is of Nippissing diabase with several barite/calcite veins and splaches apparent on the face. The dip of the outcrop is severe into the swamp and the dozer could not reach bedrock due to the black muck and water.

PLUGGER AND BLASTING WORK

Plugger holes were placed in locations four and five. Location four was sampled (arkose and gabbro) as well as location five on the rock face.

sample 663829- location five- dark weathered diabase
with visible sulphides

Assay requests and results

Co=56ppm

Cu=8379ppm

Ni=139ppm

Ag=5ppm

Zn=41ppm

Au=14ppb

sample 663830-Location five-diabase contact with visible
specular hematite, barite and calcium

Assay request- Cu Co Ba Multi element

Base Metal Results; Cu=148ppm

Ni=56ppm

Zn=30ppm

other results

Co=18ppm

Ba=11.07%

Al=1.05%

sample 663831- location four- arkose and barite from
the rock face

Assay request-BaSO₄ Result 48.3%

DRILLING

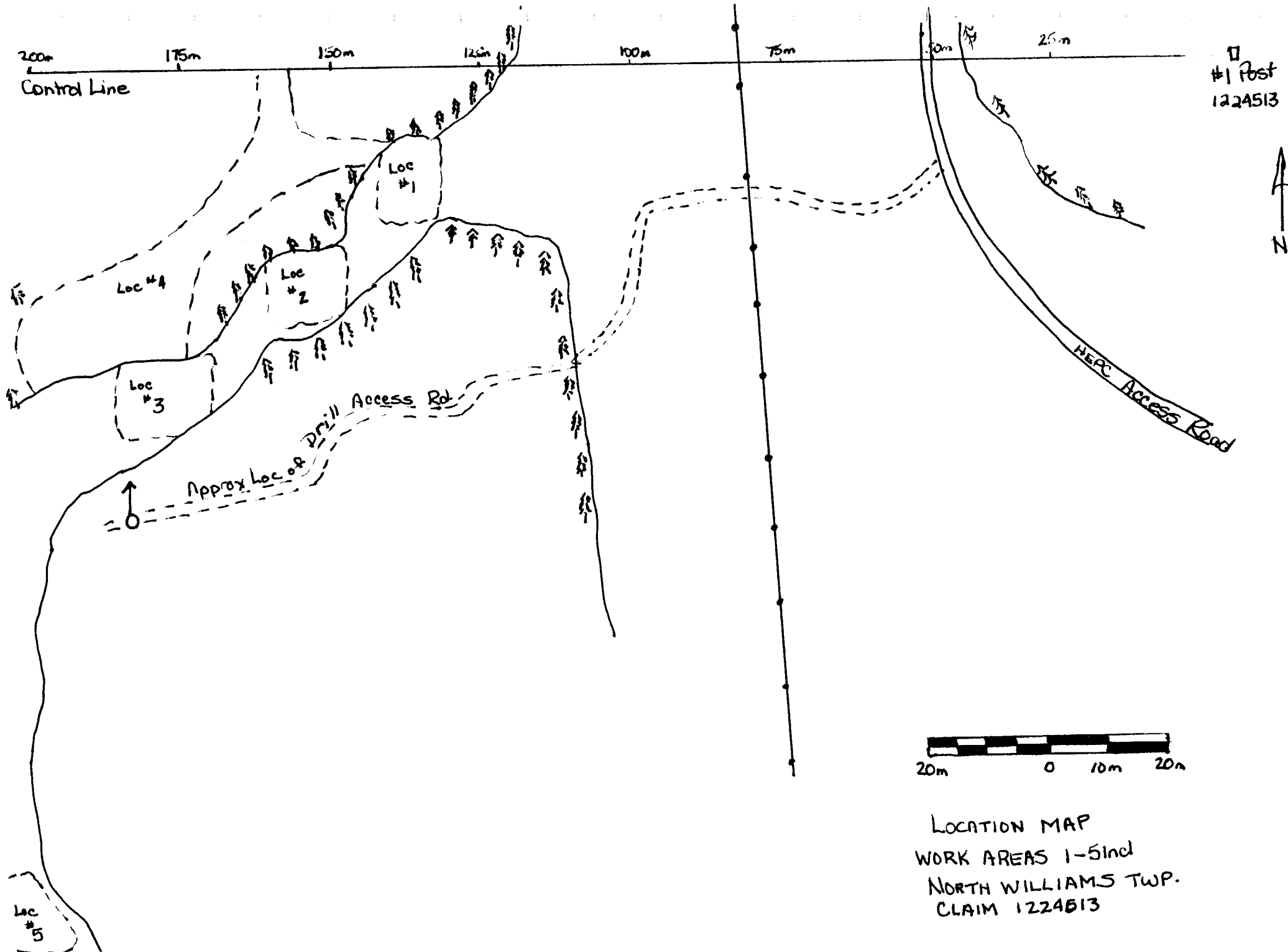
A drill hole was put into place on the south side of the passageway at the top of the diabase outcrop at an azimuth of 335 degrees and a dip of 50 degrees to try to bisect the barite vein at depth. The hole went a total of 346 feet. As it left the diabase it intersected basalts, arkose and argillite. This hole was also logged by Wallbridge Mining of which they sent three assays but this author has yet to receive the results.

CONCLUSIONS AND RECOMMENDATIONS

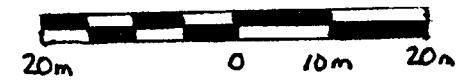
The report from the miners at Extender Minerals is that the rock is getting very rotten underground and that they are about three hundred feet from the property boundary. The underground geology suggests that faulting took place. This being the case explains why the barite vein is not continued in the passage way. The rock face at location five suggests that at one time it was flat lying. Although the $BaSO_4$ values were low, the nature of the cooked up rock explains this, it is possible that the extension of the barite vein runs under the swamp.

1. Survey grid and magnetometer survey over location five and south through the swamp.
2. A drill vertical drill hole at loation five.

MAPS



#1 Post
1224513



LOCATION MAP
 WORK AREAS 1-5incl
 NORTH WILLIAMS TWP.
 CLAIM 1224513

0m

Sand

Location 1

sand & gravel

Elev. 0

Location 2

sand & gravel

Elevation

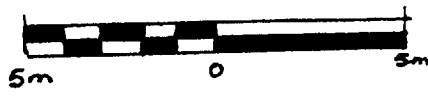
Adjons
Work Area
3+4
map

WORK AREA 1+2
North Williams Twp
Claim 1224513





WORK AREA 34A
North Williams Twp
Claim 1224513



- - - edge of stripping
- ☁ outcrop
- ▨ Barite vein
- +— Rock face

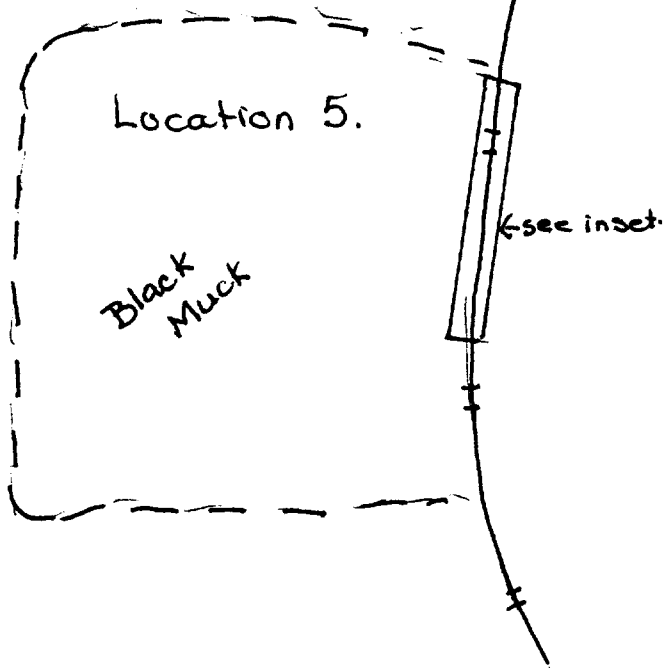
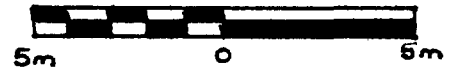


Adjoins Work Area 142 map

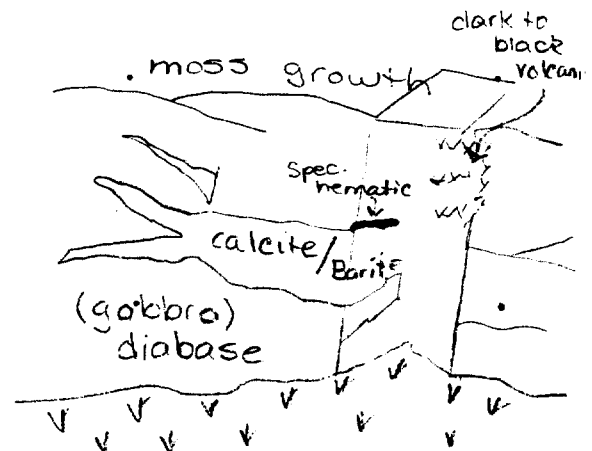
Adjoins Work Area 3+4

Swampy
Cedar trees

WORK AREA #5
North Williams Twp.
Claim 1224513



Inset



DRILLING

LOGS
LOCATION
SECTION

Wallbridge Mining Company Ltd.

129 Fielding Road
Lively, Ontario
P3Y 1L7
Tel: 705-682-9297

**DRILL HOLE DESCRIPTION
DETAILED LOG**

Project: *Dufferin*

Hole #: EA # 2

Comments: Located 150 m north and 90 m west of # 2 post, claim
1200736

Northing: 150.000
Easting: -90.000
Elevation: 0.000
Field Location: 90 m W, 150 m N of

Casing Exposed: 6.0
Casing Size: BQ
Contractor: Sparta Drilling
Assay Lab: Swastika Labs

Length: 346.00
Start Dip: -50.0
Start Azimuth: 335

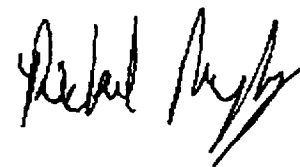
Project: North Williams
Area:
Property:

Logged by: Richard Murphy
Log date: 25/08/1998
Date Started: 16/08/1998
Date Finished: 22/08/1998

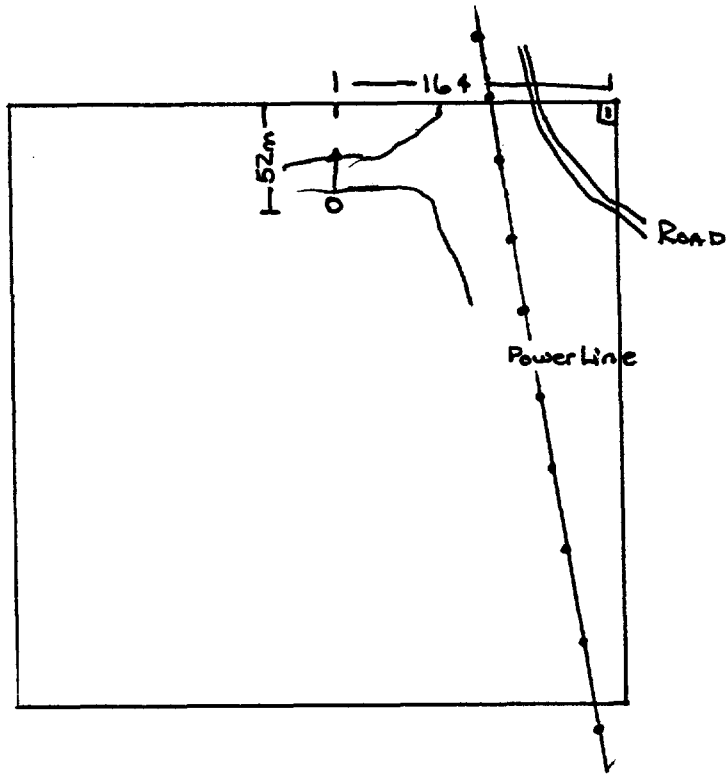
Map Reference: North Williams
Claim: 1200736
1224513
Region: Ontario

Dip Tests

Hole #	Depth	Azimuth	Dip
EA # 2	0.00	335.00	-50.00

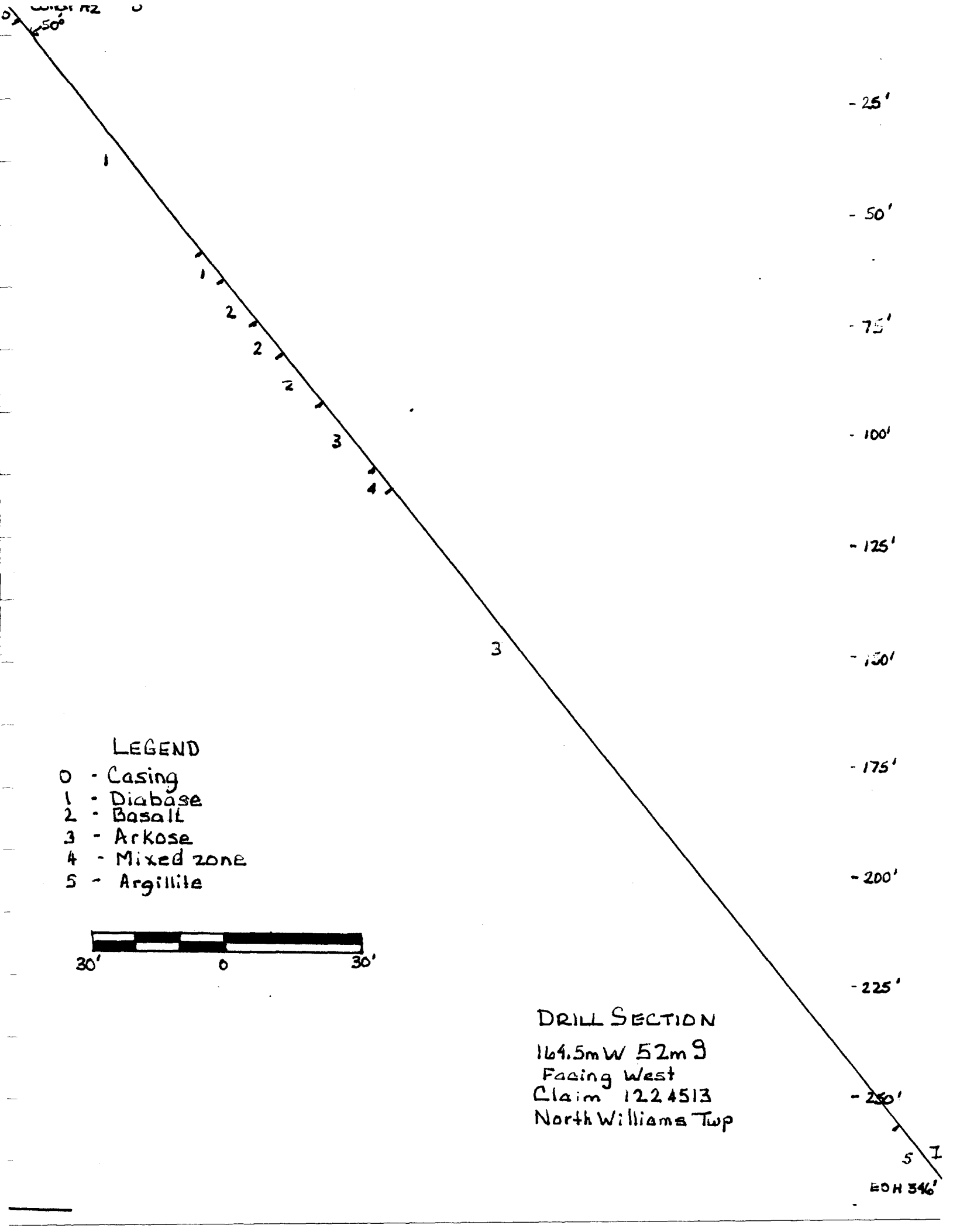


From	To	Description	From	To	Width	Sample
0.00	7.00	Casing				
7.00	74.20	Diabase <i>Amphibolitic, diss mt 2.00-5.00% 1.00-2.00mm strongly magnetic. diss py 0.10 0.30%</i>				
74.20	81.80	Diabase <i>very strongly weathered, somewhat resembling olivine diabase.</i>				
81.80	94.60	Basalt <i>variably amygdaloidal (1-5%). Common carbonate and biotite filling fractures up to 3 cm wide. Rare chalcopyrite within amygdules, common magnetite in amygdules.</i>				
94.60	103.00	Basalt <i>Amygdaloidal, strong potassic alteration. Common barite infilling narrow fractures.</i>	94.60	95.70	1.10	388
			95.70	97.28	1.58	389
103.00	117.60	Basalt <i>Massive, pervasively fractured with 3-4% barite filling fractures up to 5 cm wide.</i>				
117.60	136.30	Arkose <i>Uniformly pink, k-spor rich. Pervasively fractured, locally brecciated with up to 10% matrix (possibly barite). 5 cm diabase dyke at lower contact.</i>	117.60	119.50	1.90	390
136.30	142.10	Mixed zone <i>Includes argillaceous sediments, mafic dyke, and arkose.</i>				
142.10	326.20	Arkose <i>Pink, very fine grained. Massive to poorly bedded. Unit is commonly fractured with pervasive carbonate > quartz +/- barite fracture filling. Rare fracture coating specular hematite. Core is locally magnetic due to very fine grained, disseminated magnetite and rare fracture coating magnetite. Core is locally blocky and strongly weathered. Composition is locally argillaceous.</i>				
326.20	346.00	Argillite <i>Well banded to laminated at 40 degrees to core axis. Locally arkosic in composition.</i>				



DRILL HOLE LOCATION
 NORTH WILLIAMS TWP.
 CLAIM 1224513
 Az: 360° DIP 50°

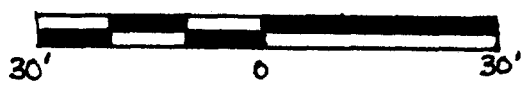




- 25'
 - 50'
 - 75'
 - 100'
 - 125'
 - 150'
 - 175'
 - 200'
 - 225'
 - 250'

LEGEND

- 0 - Casing
- 1 - Diabase
- 2 - Basalt
- 3 - Arkose
- 4 - Mixed zone
- 5 - Argillite



DRILL SECTION
 164.5mW 52m 9
 Facing West
 Claim 1224513
 North Williams Twp

I
 5
 EOH 346'

ASSAYS



REPORT: T98-57538.0 (COMPLETE)

REFERENCE:

CLIENT: JOE-ANNE G. SALO

SUBMITTED BY: J. SALO

PROJECT: NONE

DATE RECEIVED: 21-AUG-98

DATE PRINTED: 11-SEP-98

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD		
980826	1 Au30	Gold	3	5 PPB	Fire Assay of 30g	30g Fire Assay - AA	980826	37 Ga	Gallium	6	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PL
980826	2 Au	Gold - Fire Assay	3	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP	980826	38 Li	Lithium	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PL
980826	3 Pt	Platinum	3	5 PPB	FIRE ASSAY	FIRE ASSAY-DCP	980826	39 Nb	Niobium	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PL
980826	4 Pd	Palladium	3	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP	980826	40 Sc	Scandium	6	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PL
980826	5 Cu	Copper	11	1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION	980826	41 Ta	Tantalum	6	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PL
980826	6 Zn	Zinc	2	1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION	980826	42 Ti	Titanium	6	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PL
980826	7 Co	Cobalt	5	1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION	980826	43 Zr	Zirconium	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PL
980826	8 Ag	Silver	4	0.1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION	980826	44 BaSO4	BaSO4	3	0.005 PCT		
980826	9 Ni	Nickel	1	2 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION							
980826	10 Ag	Silver	6	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	11 Cu	Copper	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	12 Pb	Lead	6	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	13 Zn	Zinc	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	14 Mo	Molybdenum	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	15 Ni	Nickel	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	16 Co	Cobalt	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	17 Cd	Cadmium	6	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	18 Bi	Bismuth	6	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	19 As	Arsenic	6	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	20 Sb	Antimony	6	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	21 Fe	Iron	6	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	22 Mn	Manganese	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	23 Te	Tellurium	6	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	24 Ba	Barium	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	25 Cr	Chromium	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	26 V	Vanadium	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	27 Sn	Tin	6	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	28 W	Tungsten	6	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	29 La	Lanthanum	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	30 Al	Aluminum	6	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	31 Mg	Magnesium	6	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	32 Ca	Calcium	6	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	33 Na	Sodium	6	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	34 K	Potassium	6	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	35 Sr	Strontium	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							
980826	36 Y	Yttrium	6	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA							

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUME
ROCK	14	-150	14	CRUSH, SPLIT PULVERIZATION	1 1

REPORT COPIES TO: MR. LARRY SALO
MR. SALO

INVOICE TO: MR. LARRY SALO

This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



CLIENT: JOE-ANNE G. SALO

PROJECT: NONE

REPORT: T98-57538.0 (COMPLETE)

DATE RECEIVED: 21-AUG-98

DATE PRINTED: 11-SEP-98

PAGE 1A(1/ 2)

SAMPLE NUMBER	ELEMENT Au30 UNITS	Au PPB	Pt PPB	Pd PPB	Cu PPM	Zn PPM	Co PPM	Ag PPM	Ni PPM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Mb PPM	
663819					2874					<.2	2898	10	87	1	105	31	<.2	<5	<5	<5	6.46	707	<10	230	134	203	<20	<20	3	2.40	1.63	1.69	0.07	0.10	14	9	6	36	7	
663820					821																																			
663821					76					<.2	74	<2	10	2	17	2	<.2	<5	<5	<5	0.58	126	<10	79	169	9	<20	<20	4	0.32	0.20	0.62	0.06	0.07	5	4	<2	3	<1	
663822		<5			794																																			
663823		3	6	7	1794	35				<.2	1863	9	31	<1	50	17	<.2	<5	<5	<5	3.77	469	<10	36	121	237	<20	<20	4	1.17	1.01	1.22	0.11	0.05	11	9	5	22	6	
663824					1357					<.2	1418	6	19	1	31	14	<.2	<5	<5	<5	3.32	199	<10	42	158	226	<20	<20	7	0.65	0.46	1.21	0.12	0.04	7	9	<2	10	6	
663825		7	<5	1	1642	42	<.1			<.2	1558	8	31	2	114	40	<.2	<5	<5	<5	7.83	961	<10	47	51	212	<20	<20	7	2.22	1.89	3.29	0.06	0.12	16	14	7	46	7	
663826		<5			227	39	0.2																																	
663827		5	<5	1	2363		<.1																																	
663828																																								
663829		14			8379	41	56	0.5	139																															
663830					148	18				<.2	141	5	30	<1	56	14	<.2	<5	<5	<5	3.02	2146	<10	927	144	92	<20	<20	5	1.05	0.50	7.76	0.02	0.27	284	16	3	17	5	
663831																																								
663832						570																																		



CLIENT: JOE-ANNE G. SALO
REPORT: T98-57538.0 (COMPLETE)

PROJECT: NONE
DATE RECEIVED: 21-AUG-98 DATE PRINTED: 11-SEP-98 PAGE 18(2/ 2)

SAMPLE NUMBER	ELEMENT UNITS	Ta PPM	Tl PCT	Zr PPM	BaSO4 PCT
663819	<10	0.16	14		
663820					
663821	<10	<.01	7		
663822					
663823	<10	0.15	18		
663824	<10	0.18	21		
663825	<10	0.09	24		
663826					
663827					
663828				97.360	
663829					
663830	<10	0.03	12	11.070	
663831				48.350	
663832					

15

Person's information should be



41P06NE2009 2.19354 NORTH WILLIAMS 900

65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this and correspond with the mining land holder. Questions about this collection Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

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

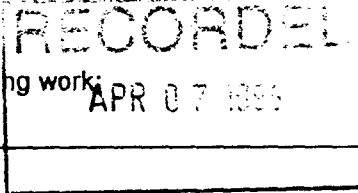
1. Recorded holder(s) (Attach a list if necessary)

Name <i>Roy Arnett</i>	Client Number <i>102630</i>
Address <i>N.D.</i>	Telephone Number <i>705 263-2054</i>
<i>Shining Tree Ont</i>	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

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

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

Work Type <i>Plugging, Stripping, Assays</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>\$7,722</i>
Dates Work Performed From <i>14</i> <i>7</i> <i>98</i> To <i>30</i> <i>9</i> <i>98</i>	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>LC</i>
Township/Area <i>Hufferin</i>	Resident Geologist District
M or G-Plan Number <i>G 3629</i>	

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


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

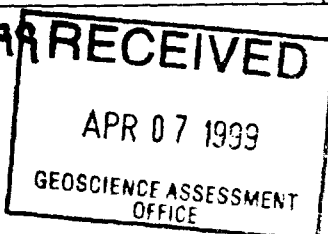
Name <i>J. Sato</i>	Telephone Number <i>705 363 2108</i>
Address <i>491 Fina Rd Connaught</i>	Fax Number <i>705 363 2410</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

 I, *Joc-Anne Sato* (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>J. Sato</i>	Date <i>3/29/99</i>
Agent's Address <i>as above</i>	Telephone Number
	Fax Number

0241 (03/97)

Sealed on June 30/99
 2.19354


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

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 1180356	1		1181-	0	0
2 1151285	1		285-	0	0
3 1151286	1	1722 "	0	1722	0
4 1151284	8		6256"	0	0
5 1228199	16	6000 '	0	6000	0
6 471455	1				
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals	7722	7722	7722		

I, Joe-Anne Sato (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: 3/29/99

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

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

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

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

For Office Use Only

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

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/98. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Plugging & Blasting	4 day + helper		800-
Stripping	bulldozer		1203.
Man power	13 days		1300
Assays			150
Associated Costs (e.g. supplies, mobilization and demobilization).			
Float			2500
plugging rent			90
Supplies			679
Transportation Costs			
2000 km			600
Food and Lodging Costs			
Food & trailer site rental			400
Total Value of Assessment Work			7722

Calculations of Filing Discounts:

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

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

Note:

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

Certification verifying costs:

I, Joe-Anne Sato, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

Declaration of Work form as agent I am authorized to make this certification.
(recorded holder, agent, or state company position with signing authority)

RECEIVED

APR 07 1999

GEOSCIENCE ASSESSMENT OFFICE

Signature

JASato

Date

3/39/99

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

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

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

Name <i>Roy Annett</i>	Client Number <i>102630</i>
Address <i>G.D.</i>	Telephone Number <i>705-263-2054</i>
<i>Shining Tree Ont.</i>	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

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

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

Work Type <i>Plugger Stripping Assays</i> <i>Drilling</i> ✓	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>\$11,462.</i>
Dates Work Performed From <i>01 07 98</i> To <i>30 08 98</i>	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>LL</i>
Township/Area <i>North Williams</i>	Resident Geologist District
M or G-Plan Number <i>E 3694</i>	

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

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

Name <i>Joe-Anne Salo</i>	Telephone Number <i>705-363-2108</i>
Address <i>491 Finn Rd, Connaught Ont</i>	Fax Number <i>705-363-2410</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
 APR 07 1999
 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, *Joe-Anne Salo* (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>J. Salo</i>	Date <i>March 29/99</i>
Agent's Address <i>as above</i>	Telephone Number
<i>Deemed on July 6/99.</i>	Fax Number

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

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
1 1224513	1	11462 ⁰⁰	1600 ⁰⁰	0	9862 ⁰⁰
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		11462 ⁰⁰	1600 ⁰⁰	0	9862 ⁰⁰

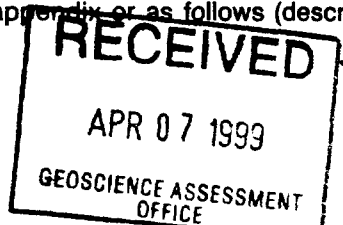
I, Joe-Anne Salo (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: J. Salo Date: Mar 29 1999

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

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

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



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

For Office Use Only

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

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

Telephone: (888) 415-9846
Fax: (877) 670-1555

August 25, 1999

ROY ANNETT
GENERAL DELIVERY
SHININGTREE, ONTARIO
P0M-2X0

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

Dear Sir or Madam:

Submission Number: 2.19354

Status

Subject: Transaction Number(s): W9980.00248 Approval After Notice
W9980.00250 Approval After Notice

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

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

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

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

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.19354

Date Correspondence Sent: August 25, 1999

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9980.00248	1228199	DUFFERIN	Approval After Notice	August 24, 1999

Section:

10 Physical PSTRIP

10 Physical PTRNCH

10 Physical PMAN

It is unclear from the original submission and subsequent corrections on which mining claim the work in Area #3 was performed. The hours and dates that the equipment was used was not supplied as requested in the 45 day notice. The program of establishing control lines was added to the cost of this transaction number as indicated in the 45 day notice.

As result, the assessment credit is being reduced by \$2299.00. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is \$5423.00.

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

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9980.00250	1224513	NORTH WILLIAMS	Approval After Notice	August 24, 1999

Section:

10 Physical PSTRIP

17 Assays ASSAY

16 Drilling PDRILL

The revisions outlined in the 45 day notice dated June 24, 1999, have not been fully addressed. Although credit is granted for the physical work portion of the submission, the credit may not be granted in future submissions when the expenses are not verified. No credit can be granted for the drilling portion.

The assessment credit is being reduced by \$7062.00. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is \$4400.00.

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

Work Report Assessment Results

Submission Number: 2.19354

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

Joe-Anne Salo
CONNAUGHT, ONTARIO

ROY ANNETT
SHININGTREE, ONTARIO

Distribution of Assessment Work Credit

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

Date: August 25, 1999

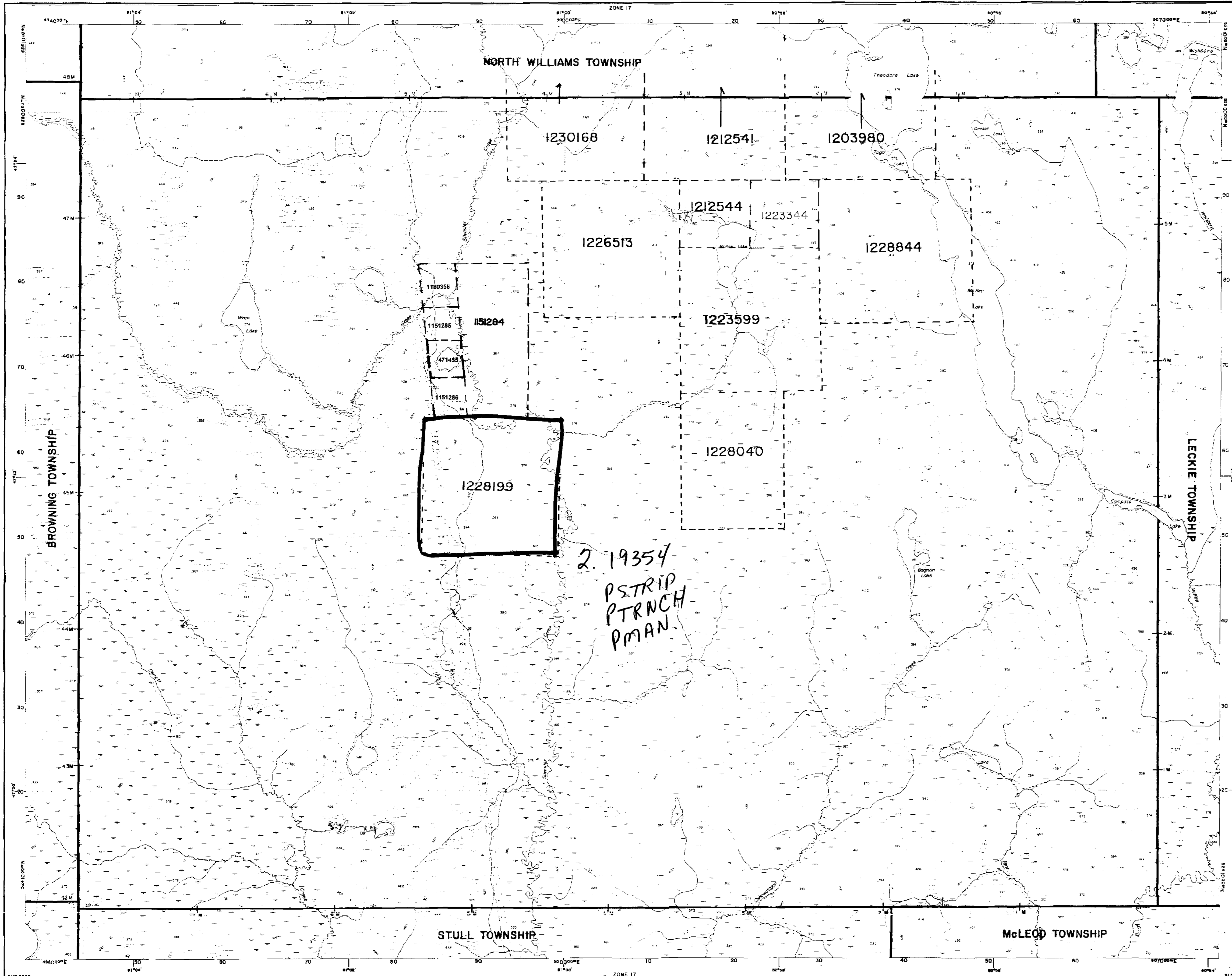
Submission Number: 2.19354

Transaction Number: W9980.00248

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1228199	5,423.00
Total: \$	<u>5,423.00</u>

Transaction Number: W9980.00250

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1224513	4,400.00
Total: \$	<u>4,400.00</u>

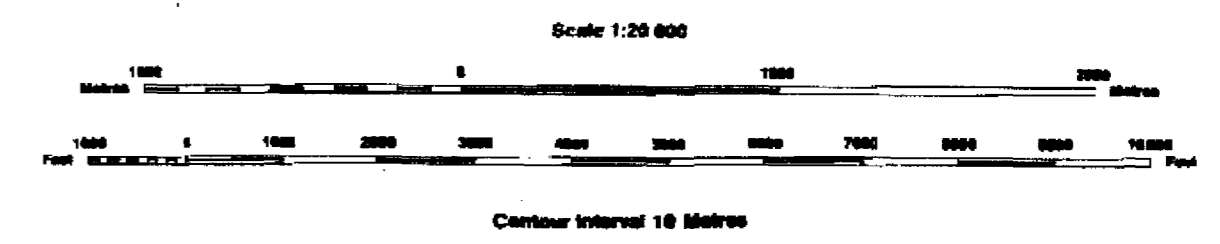


INDEX TO LAND DISPOSITION

PLAN
 G-3629
 TOWNSHIP
DUFFERIN

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
 MINING DIVISION
LARDER LAKE
 LAND TITLES/REGISTRY DIVISION
TIMISKAMING

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.



AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
 SRO - Surface Rights Only
 M+S - Mining and Surface Rights

SYMBOLS

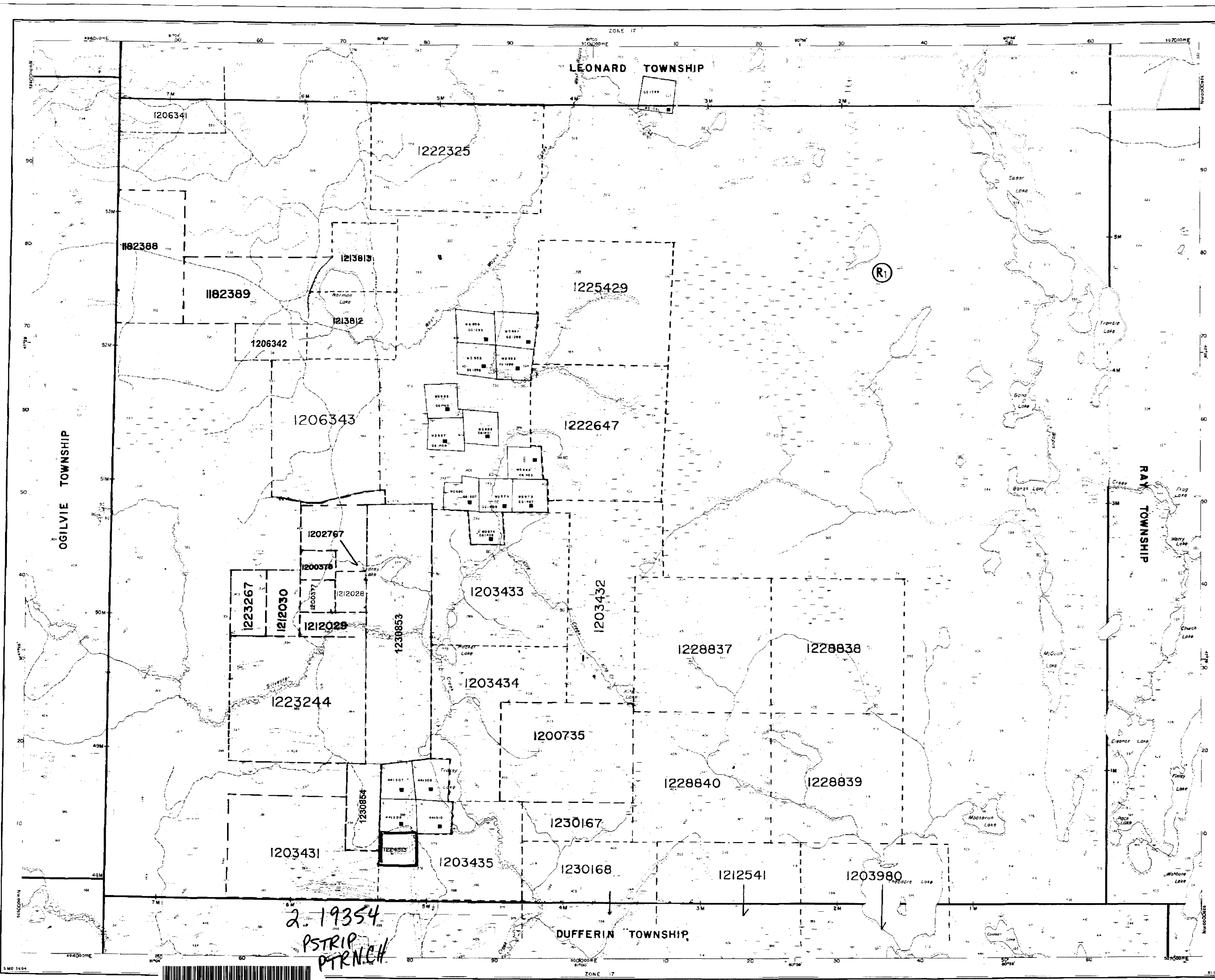
Description	Order No.	Date	Disposition	File
Boundary				
Township, Meridian, Baseline				
Road allowance: surveyed				
shoreline				
Lot/Concession: surveyed				
unsurveyed				
Parcel: surveyed				
unsurveyed				
Right-of-way: road				
railway				
utility				
Reservation				
Clef, Pit, Pie				
Contour				
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	OC
Cancelled	○
Reservation	○
Sand & Gravel	○

ARCHIVED SEPT. 19, 1996
 ARCHIVED JUNE 11, 1996
 CIRCULATED AUG. 13, 1992 B.R.B.

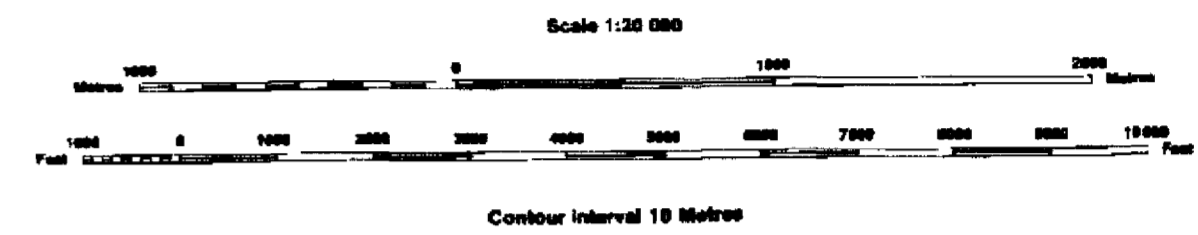
"THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT LOCATION WILL BE SHOWN FOLLOWING CONFIRMATION BY THE PARTIES TO THE ACTION."



INDEX TO LAND DISPOSITION

PLAN
G-3694
 TOWNSHIP
NORTH WILLIAMS

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
 MINING DIVISION
LARDER LAKE
 LAND TITLES/REGISTRY DIVISION
TIMISKAMING



AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
 SRO - Surface Rights Only
 M+S - Mining and Surface Rights

Description Order No. Date Disposition File
 (R) SEC. 35 W-LL-C1595099 ONT MAY 15/99 M+S

SYMBOLS

Boundary	.....
Township, Meridian, Baseline	.....
Road allowance, surveyed	.....
shoreline	.....
Lot/Concession: surveyed	.....
unsurveyed	.....
Parcel: surveyed	.....
unsurveyed	.....
Right-of-way, road	.....
railway	.....
utility	.....
Reservation	.....
Chk, Pk, 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	.....

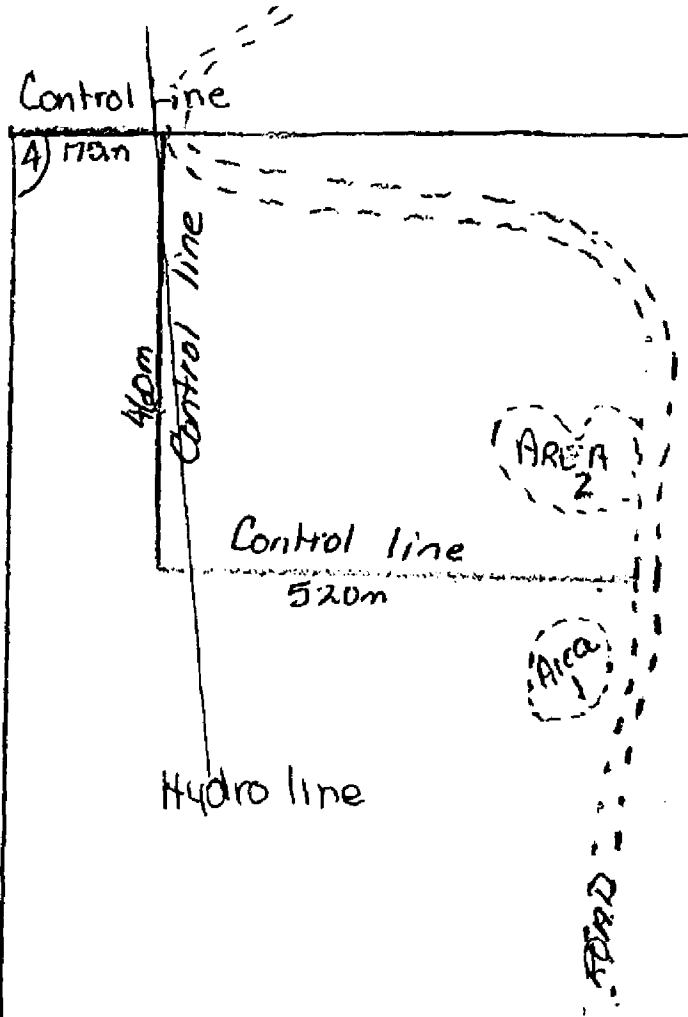
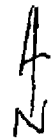
DISPOSITION OF CROWN LANDS

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	.....

THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT LOCATION WILL BE SHOWN FOLLOWING CONFIRMATION BY THE PARTIES TO THE ACTION.

ARCHIVED SEPT. 18, 1996
 ARCHIVED FEB. 22/95
 CIRCULATED AUG. 19, 1992 B.R.B.

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 RECORDS, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.



Claim 1228199



41P06NE2009 2.19354 NORTH WILLIAMS 220

2.19354

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AUG 09 1993

GEOSCIENCE ASSESSMENT
OFFICE

Dufferin Property
Claim 1228199

Scale 1" = 200m

