

ANALYSIS

The attached analysis are the results of work performed on 3 samples taken on Claim L-803495 Township of Bompas.

The sample descriptions were written by L. K. Oliver, P. Eng.

The analysis for iron, magnesium, sulphur, calcium, sodium, aluminum, and potassium were completed at the Adams Mine Laboratory under the direction of Mr. J. F. Leclair, Chief Chemist.

Gold and silver analysis on sample B.O.M.-1 was completed at the Macassa Mine assay office. The attached report is signed by T. Webber.

Samples B.O.M.-2 and B.O.M.-3 were forwarded to the Temiskaming Testing Laboratory in Cobalt for gold assay. The report is signed by Mr. D. L. Larabie, Manager.

The cost for the T.T.L. work is the standard T.T.L. rate as communicated by Mr. Larabie.

The balance of the work is based on Swastika Laboratory fee schedule a copy of which is attached. These fees have not changed since 1984.

On this basis the charges for the analysis are as follows:

ADAMS LABORATORY

Sample preparation	2.75
Iron (total Fe)	11.00
Magnesium (MgO)	18.50
Sulphur (S)	14.00
Calcium (CaO)	19.00
Sodium (Na ₂ O)	12.50
Aluminum (Al ₂ O ₃)	18.50
Potassium (K ₂ O)	12.50
	<u>108.75</u>

RECEIVED

JUL 10 1986

MINING LANDS SECTION

108.75 x 3 samples

\$326.25

Macassa Laboratory:

Gold	\$8.50
Silver	8.50

17.00

Temiskaming Testing Laboratory:

2 Gold @ 10.50 ea.

21.00

\$ 364.25

\$364.25 + \$15 = 24.28 days

= 24 Days

QUALIFICATIONS

- 1) L. K. Oliver, P. Eng.
65 Federal St.,
Kirkland Lake, Ont.
P2N 1G1.

Mr. Oliver graduated from the Halleybury School of Mines in 1952 and subsequently worked in various positions in exploration, development and operations. He joined the Adams Mine in 1962, obtained his Professional Engineer status in 1970 and is presently Mining Engineer, a position he has held for over 20 years.

- 2) Mr. J. F. Leclair,
29 Wilson Ave.,
Kirkland Lake, Ont.,
P2N 1J9.

Mr. J. F. Leclair worked in the Kerr Addison Gold Mines Ltd. Assay Office from 1949 to 1966. His position at that time was shift supervisor in the laboratory. He subsequently joined the Adams Mine as a laboratory technician and was promoted to chief chemist in 1978.

- 3) Mr. T. Webber
Main Street,
King Kirkland, Ontario,
POK 1K0.

Mr. Webber is the chief assayer for Macassa Gold Mines. He has in excess of 10 years experience in gold assays.

- 4) Mr. D. L. Larabie is the Manager of Temiskaming Testing Laboratories,
P. O. Box 799, Prestley Street, Cobalt, Ontario.

SAMPLING

Sample No. BOM - 1 Type Grab

Location Claim L-803495 Bompass Twp.

Taken from broken muck beside a trench running N65W from No. 1 shaft

Sampled by Arden Stewart Date July/85

This sample consists of several pieces of quartz vein material, some pieces containing fragments of Cobalt Arkose. The quartz is mainly milky in colour grading to grey and black in some pieces. The quartz contains numerous small vugs containing small quartz crystals. Some of the vugs have a hematite coating on the interior surface. The vein material contains concentrations of pyrite in the form of small crystals and blobs 1 m.m. to 5 m.m. in size. One piece contains a weathered green material (Epedote?) along with some dark red garnet. Several of the pieces exhibit limonitic staining, probably due to weathering.

ASSAY FUSION SHEET

Sheet No. Fine Assay

Date May 8/86

	^{gms} A.T.	Description	Sample No.	Wt.	Oz./Ton	Remarks
1		1/2 K. Oliver		.11		
2		Bom-1		.11	.22	
3						
4						
5		<u>No Silver</u>				
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

Balanceman T. Wehler

SAMPLING

Sample No. BOM 2 Type GrabLocation Claim L-803495 Bompas Twp.Sample taken from Quartz Vein in east wall of depression80' NE of No. 1 Shaft.Sampled by L. K. Oliver Date May 10, 1986

This sample consists of White Quartz chipped from a quartz vein approximately 8" wide. The vein has fine fractures parallel to the strike which contain dark green to black material. Minor pyrite was observed as small crystals. The sample also contains the weathered remnants of pyrite or other sulphide minerals. The quartz is mainly milky white but shades to grey and black in some areas along the contact with host rock.

SAMPLING

Sample No. BOM 3 Type Grab
Location Claim No. L-803495 Bompas Twp.
Samples chipped from quartz stringers in a trench 425' north and 90'
west of No. 1 shaft
Sampled by L. K. Oliver Date May 10, 1986

This sample consists of quartz from small veins and stringers 1/8 to 1" wide. The quartz zone is concentrated in an area approximately 6" wide in one corner of the trench. Minor pyrite was observed as small crystals. The sample pieces contain many small vugs and weathered remnants of pyrite crystals up to 5 m.m. in size with hematite and limonite.

THE ADAMS MINE

CONCENTRATOR LAB

CHEMICAL ANALYSIS REPORT

Date May 23/86 Shift Night

Signature *A. P. Redman*

Lab No.	Description	Fe	SiO ₂	K ₂ O	Na ₂ O	S	CaO	MgO	AL ₂ O ₃
	K. Oliver BOM 2	0.89	67.80	0.11	0.21	0.003	0.22	0.55	0.31
	BOM 3	0.69	48.67	0.65	2.01	0.026	0.20	1.76	0.52

Laboratory Report

Date June 3, 1986.

Issued To: Mr. Arden K. Stewart, 22 O'Meara Blvd., Kirkland Lake, Ont. P2N 2T6

Sample Number	Gold Oz. Per Ton	Gold Value Per Ton	Silver Oz. Per Ton	
BOM 2	Trace			
BOM 3	Trace			

Fees Received Charged 2 coupons card #0829.


 Manager

Except by special permission, reproduction of these results must include any
 qualifying remarks made by this ministry with reference to any sample.

CLAIM L-803495

BOMPAS TWP.

1" = 100 FT.

BASELINE ↗



SKETCH SHOWING

SAMPLE LOCATIONS

L.K. OLIVER MAY 20/86



SAMPLE BOM-3
QTZ VEIN ↘

LINE 4 WEST

LINE 3 WEST

LINE 3 EAST

SAMPLE BOM-1

SAMPLE BOM-2

QTZ VEIN

No. 1 SHAFT ↘

OLD BOILER HOUSE
& HOIST ROOM

No. 2 SHAFT ↘

SOUTH BOUNDARY L-803495 ↘

700'

#2 Post

MINIMUM FEES FOR ASSAYS AND ANALYSES OF ORES AND MINERALS

Aluminum	\$18.50
Antimony	8.50
Arsenic	19.00
Barium	22.00
Beryllium	37.00
Bismuth	8.50
Cadmium	8.50
Calcium (In Limestone)	15.75
Calcium (In Silicates)	19.00
Chlorine	21.00
Chromium	16.75
Cobalt	8.50
Columbium (Niobium)	21.00
Copper	8.50
Gold	8.50
Insoluble M	8.50
Iron (Total)	11.00
Iron (Acid Soluble)	8.50
Iron (Fericast)	12.00
Lead	8.50
Limestone (Insoluble, H ₂ O ₃)	
CaO, MgO, Loss on Ignition	60.00
Lithium	12.00
Loss on Ignition	10.75
Magnesium	18.50
Manganese	11.50
Mercury	21.00
Moisture	8.50
Molybdenum (Total)	13.00
Molybdenum (Sulphide)	14.75
Nickel	8.50
Palladium	30.00
Platinum	30.00
Platinum and Palladium (Semi-Quantitative)	40.00
Phosphorus	19.00
Potassium	12.50
Selenium	31.50
Silica	18.50
Silver	8.50
Sodium	12.50
Sulphur	14.00
Tellurium	31.50
Thorium	42.00
Thorium (Equilibrium Counter)	16.75
Tin	17.75
Titanium	16.75
Tungsten	22.00
Uranium (Chemical)	32.00
Uranium (Fluorometric)	20.50
Uranium (Equilibrium Counter)	13.00
Uranium and Thorium (Equilibrium Counter)	20.50
Vanadium	18.50
Zinc	8.50

* Elements for which a surcharge of 50% will apply when quantities of 5 or less samples are submitted.

TERMS
Net 30 days in Canadian Funds.
C.O.D. unless credit established.
Fees subject to change without notice

SAMPLE HANDLING and PREPARATION

A charge of \$2.75 per sample will be made, in addition to the fees listed above, to cover handling and preparation.
For samples exceeding 10 pounds or requiring special treatment, a charge of \$20.00 per man/hour will be applied.

MULTI-ELEMENT ASSAYS

Two or more of:
Cadmium, Cobalt, Copper, Lead, Nickel, Silver or Zinc
provided they can be determined on the same sample solution at the same time, will be invoiced as follows:
First Element: \$8.50 plus Sample Handling and Preparation
Second and Subsequent Element: \$6.00 each
Other Multi-element Assays will be quoted on request.

SPECIAL ASSAYS and ANALYSES

- (1) Check Assays (In duplicate)
Multiply listed rates by 2
- (2) Control or Shipment Assays
Multiply listed rates by 4
- (3) Duplicate Assays
Minimum: Multiply listed rates by 5

CONTRACT RATES

Fees covering long range contractual assignments will be discussed on request.

INSTRUCTIONS

Where possible precise instructions on the assays required and the routing of reports should be sent with the samples. This will prevent unnecessary delays in reporting.

SAMPLE STORAGE

Pulps are retained for 6 months. Drill core rejects are retained for 3 months free of charge. Longer storage can be arranged at nominal rates.

SAMPLE BAGS

Heavy gauge plastic bags, sample tickets, and shipping tags are available free to clients on request.

OTHER SERVICES

- Preparation of Thin and Polished Sections.
- Rock Sawing and Polishing.
- Water Analysis
- Spectrographic Analysis
- Bulk Sample Preparation.
- Smelter Representation.
- Screen Analysis
- Specific Gravity
- Ore Dressing

Fees for above services supplied on request.

GEOCHEMICAL ANALYSES

Request our Geochemical Analyses Fee Schedule



SWASTIKA LABORATORIES LIMITED

EN EXISTENCE DEPUIS 1928

BAREME DES EMOLUMENTS POUR ESSAIS

Mars 1984



- ESSAIS
- ANALYSES
- CONSEIL

C.P. 10, SWASTIKA, ONTARIO POK 1T0
TELEPHONE (705) 842-9244



"Au service de l'industrie minière depuis 1928"



Natural Resources Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

236



42A615W0001 2.9235 BOMPAS

900

Type of Survey

ANALYSIS

BOMPAS

Claim Holder(s)

ARLEN K STEWART 220' Meara Blvd Kirkland Lake, Ont

Prospector's Licence No.

K 16711

Survey Company

Survey Dates (linecutting to office)

10 5 86 21 6 86

Total Miles of line Cut

Name and Address of Author (of Geo-Technical report)

L.K. OLIVER 65 FEDERAL ST. KIRKLAND LAKE P2N 1G1

Special Provisions Credits Requested

Mining Claims Traversed (List in numerical sequence)

Instructions	Geophysical		Days per Claim	
	For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic		
		- Magnetometer		
		- Radiometric		
		- Other		
Geological				
Geochemical				
For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical		Days per Claim	
	- Electromagnetic			
	- Magnetometer			
	- Radiometric			
	- Other			
Geological				
Geochemical				

Man Days

Instructions	Geophysical		Days per Claim	
	Complete reverse side and enter total(s) here	- Electromagnetic		
		- Magnetometer		
		- Radiometric		
		- Other		
Geological				
Geochemical				

Airborne Credits

Note: Special provisions credits do not apply to Airborne Surveys.	Geophysical		Days per Claim
	Electromagnetic		
	Magnetometer		
Radiometric			

Expenditures (excludes power stripping)

Type of Work Performed	
Performed on Claim(s)	
Calculation of Expenditure Days Credits	
Total Expenditures	Total Days Credits
\$ 364.25	24
÷ 15 =	24

Instructions

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Report Completed

Date of Report	Recorder Holder or Agent (Signature)
JUNE 19/86	[Signature]

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying

L.K. OLIVER 65 FEDERAL ST. KIRKLAND LAKE

ONTARIO P2N 1G1

Date Certified

JUNE 20/86

Certified by (Signature)

[Signature]

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
			L	803495	24

RECEIVED

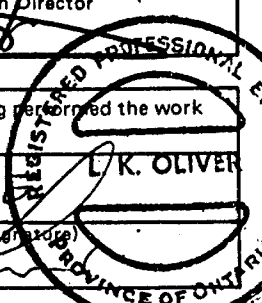
JUL 10 1986

MINING LANDS SECTION

LAKE LAKE MINING DIVISION
RECEIVED
JUN 20 1986

Total number of mining claims covered by this report of work. 1

For Office Use Only			
Total Days Cr. Recorded	Date Recorded	Mining Recorder's Signature	
24	JUN 20 1986	[Signature]	
	Date Approved as Recorded	Branch Director	
	26.8.89	[Signature]	



Mining Lands Section

File No 29235

Control Sheet

TYPE OF SURVEY _____ GEOPHYSICAL

_____ GEOLOGICAL

_____ GEOCHEMICAL

EXPENDITURE

MINING LANDS COMMENTS:

J. Hurst
Signature of Assessor

Aug 26/80
Date

Capt S.



CLIFFS OF CANADA LIMITED

P. O. BOX 877

KIRKLAND LAKE, ONTARIO, CANADA

P2N 3K7

PHONE: 705-567-3321

TELEX 027-82526

SHERMAN MINE
TEMAGAMI, ONTARIO

THE ADAMS MINE
KIRKLAND LAKE, ONTARIO

August 14, 1986

Ministry of Northern Development & Mines,
Whitney Block, 6th Floor,
Queen's Park,
Toronto, Ontario,
M7A 1W3.

Attention: Mrs. Susan Hurst

Re: File 2-9235

Dear Mrs. Hurst:


In regard to assay work carried out on samples numbered BOM-1, BOM-2 and BOM-3 on behalf of Mr. Oliver.

Our charges for this work would be \$20.00 per element or a total of \$420.00 (3 samples x 7 elements x \$20.00 = \$420.00).

Yours very truly,

CLIFFS OF CANADA LIMITED,

ADM:nem


A. D. Morrison,
Controller - Ontario Mines.

RECEIVED

AUG 25 1986

MINING LANDS SECTION

REGISTERED

August 22, 1986

File: 2.9235

**Arder K. Stewart
22 O'Meara Blvd
Kirkland Lake, Ontario
P2N 2T6**

Dear Sir:

**RE: Data for Assaying submitted on Mining Claims
L 803495, in Bompas Township**

Enclosed is a copy of our letter dated July 18, 1986 requesting additional information for the above-mentioned submission.

Unless you can provide the required data by September 2, 1986 we will have no other alternative but to instruct the mining recorder to cancel the work credits recorded on June 20, 1986.

For further information, please contact Mr. Ray Pichette at (416) 965-4888.

Yours sincerely,

**J.C. Smith, Supervisor
Mining Lands Section**

**Whitney Block, 5th Floor
Queen's Park
Toronto, Ontario
M7A 1W3**

Telephone: (416) 965-4888

SH/mc

**cc: L.K. Oliver
65 Federal Street
Kirkland Lake, Ontario
P2N 1G1**

**Mining Recorder
Kirkland Lake, Ontario
#236/86**

Encl.

July 18, 1986

File: 2.9235

Mr. Arder K. Stewart
22 O'Meara Blvd
Kirkland Lake, Ontario
P2N 2T6

Dear Sir:

RE: Data for Assaying submitted on Mining Claim
L 803495 in the Township of Bompas

In order to complete the above-described submission, please remit (in duplicate) verification of payment for the \$364.25 expenditure credits claimed. Attached is a list of acceptable forms of proof of payment.

When submitting this information, please quote file 2.9235.

For further information, please contact (Mrs.) Susan Hurst at (416) 965-4888.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH/mc

cc: L.K. Oliver
65 Federal Street
Kirkland Lake, Ontario
P2N 1G1

Mining Recorder
Kirkland Lake, Ontario
#236/86

Attached

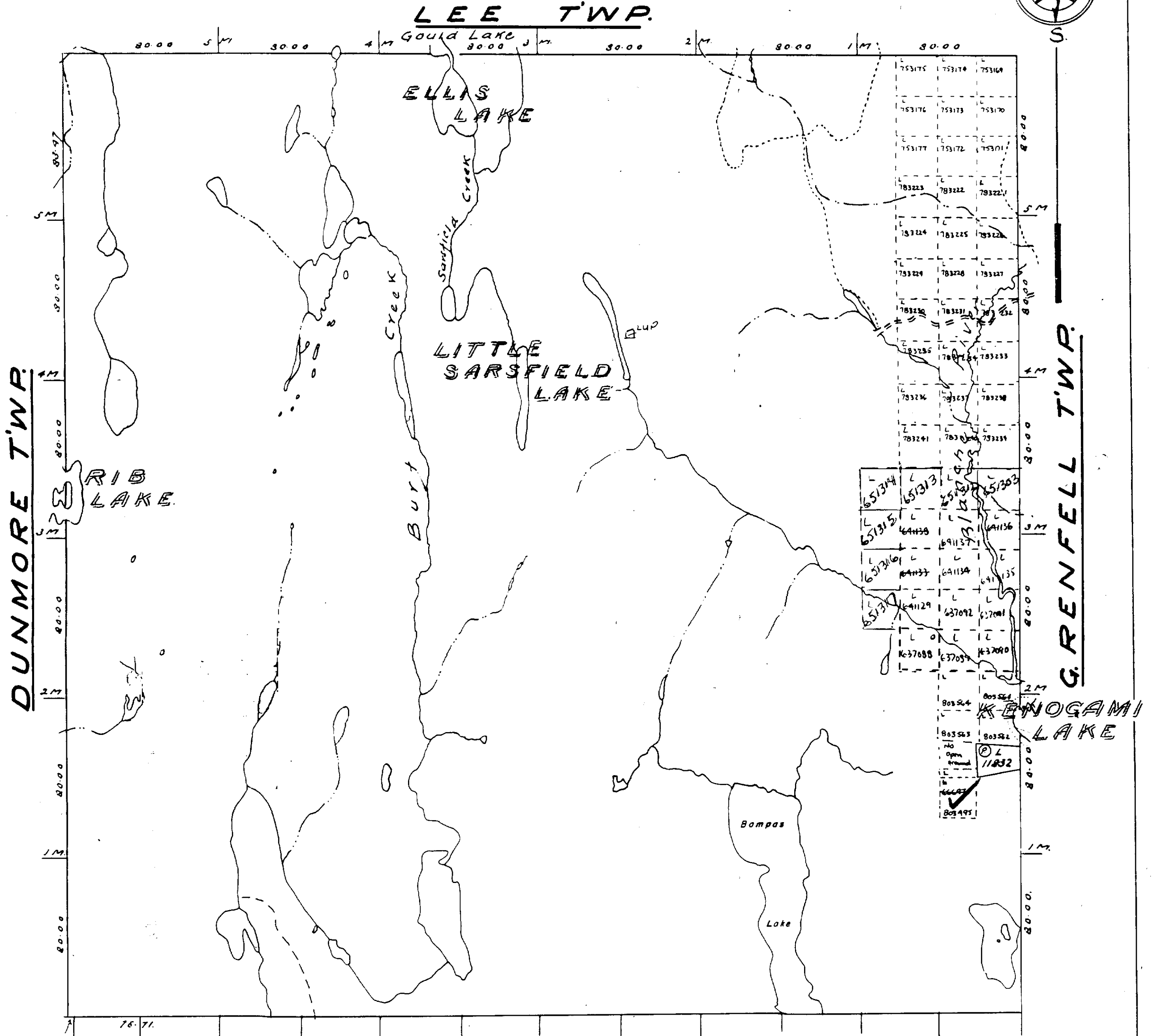
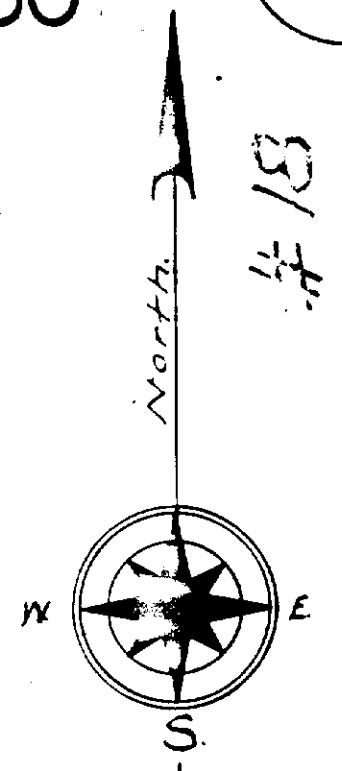
MAY 2 1985
MAY 24 1985

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

M.330

PLAN OF
BOMPAS TWP.
LARDER LAKE MINING DIVISION.
DISTRICT OF TIMISKAMING

— Scale 40 chains to an inch —



DUNMORE TWP.

GRENFELL TWP.

BURT TWP.

Notes
Railways shown
Paved Highways
Gravel Highways
Highway Route No. ②
Other Roads
Trails & Paths
Telephone & Telegraph Lines
Electric Power Lines
400' Surface rights reservation around all lakes and rivers.

Non-perennial streams
Bridges
Buildings
Swamps
Areas marked ② are Patented
L.O. held under
Licence of Occupation

CROWN LAND SALE C.S.
LOCATED LAND Loc.
MINING RIGHTS ONLY M.R.O.
SURFACE RIGHTS ONLY S.R.O.
CANCELLED C.

