42A01SE0156 2.2882 OTTO

ASSAY EXPENDITURE REPORT

FOR

MR. A. ALLSOPP

MINING CL 511328 ET AL OTTO TWP.

BY

J. CROXAL

1978

HOWARD: JAN. 8/79.

We have received verification that there is molybdenite in our so-called "Graphite Pit" south of 12+00 E on our baseline. Our first sample (1-Q) ran 0.54% MoS_2. A sample taken from an old pit about 500' to the west was also assayed (2-Q) for MoS_2 but showed very little (assayed by Swastika Lab.)

A second sample taken from the "Graphite Pit" (2-R) was assayed and showed 0.28% MoS_2 (Toronto/TTL)

A sample from this same pit analysed spectrographically also showed MoS_2 at 0.05% to 0.50% range.

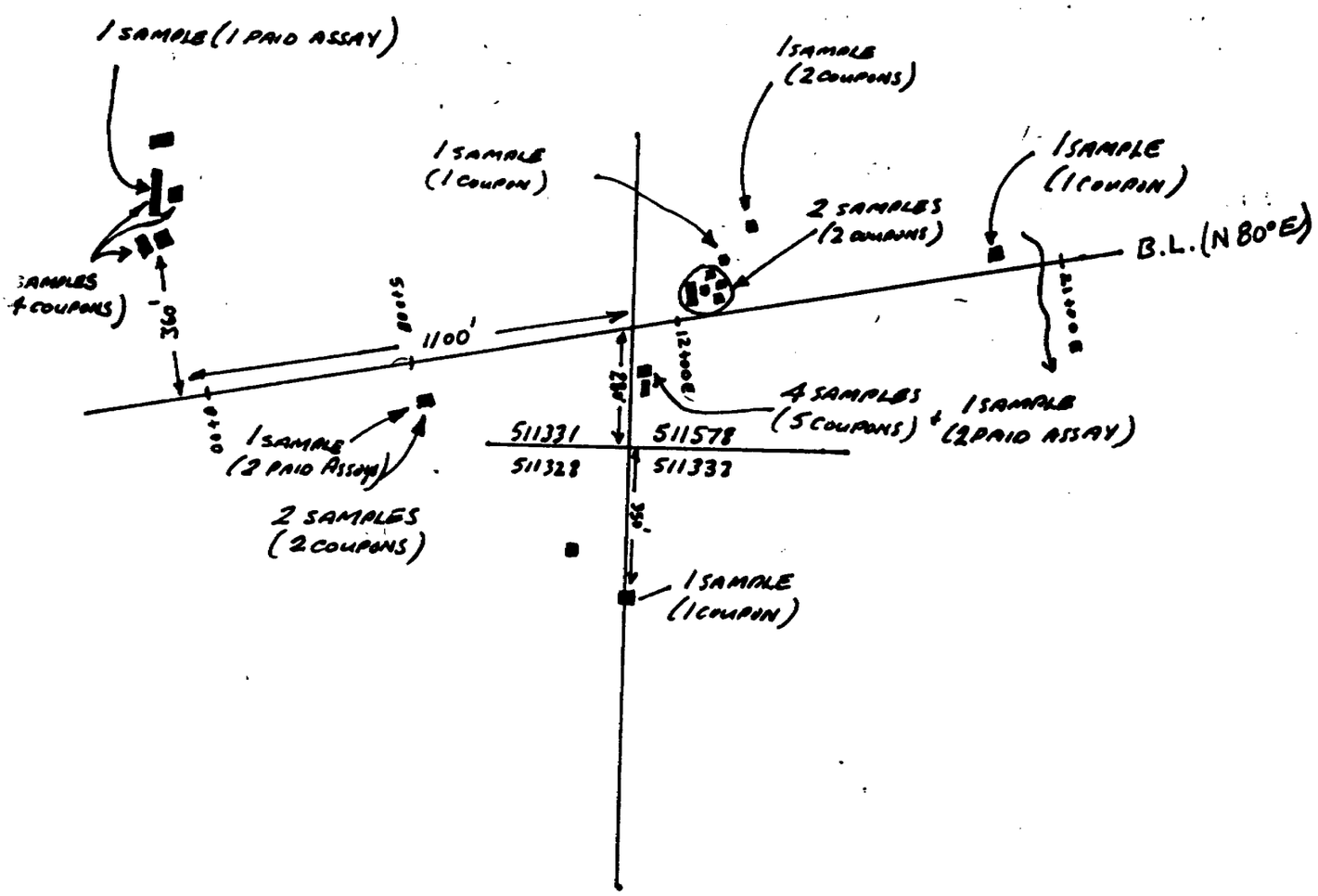
One other sample taken from the so-called "Jim's Pit" (about 200' N-E of Graphite Pit) was also analysed qualitatively. Small amounts of visible MoS_2 could be seen in the disseminated FeS_2 in this pit. This was sample (1-R).

Xerox copies are enclosed for your information.

Jim Ronald.

Mo with gf is characteristic of KL mines — presumably the Mo is from a syenite source & the gf is biogenic material preserved in a reducing environment? HL

SAMPLING FOR ASSAY



Summary

CL. NO. 511331 - 16 COUPONS + 3 PAID ASSAYS
CL. NO. 511578 - 18 COUPONS + 2 PAID ASSAYS
CL. No 511332 - 1 COUPON

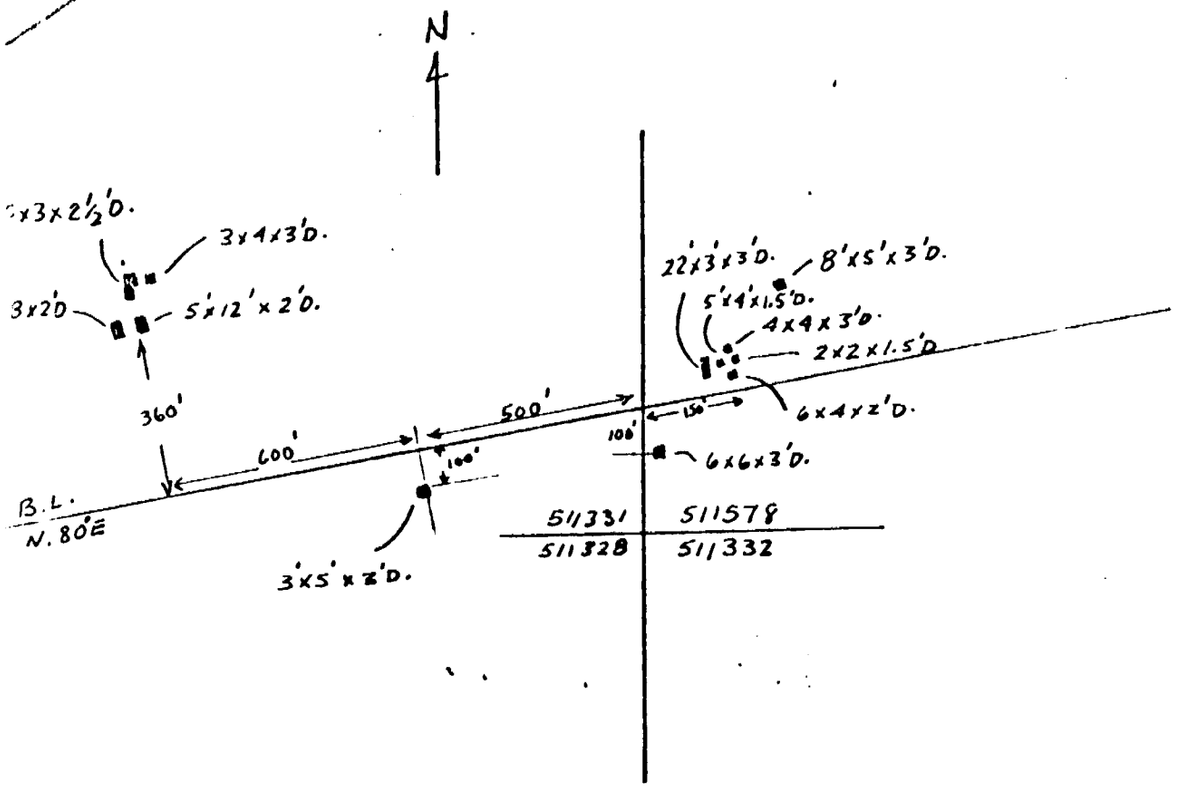
28 COUPONS + 5 PAID ASSAYS.
(23 SAMPLES) (3 SAMPLES)

SWASTIKA LAB CH66 = assay charge + sample handling charge

sample handling charge = $1.25/sample.
assay charge - varies with element of interest

∴ use 1 coupon = $5.00 assay charge ("fee schedule" equivalent) 1 sample = $1.25 handling charge ("handling charge equivalent")

DRILL, BLAST, MUCK, SAMPLE PITS.



TELEPHONE 642-3244
P.O. BOX 10

Swastika, Ont., P0K 1T0, November 24 19 78

SWASTIKA LABORATORIES LIMITED

Certificate of Analysis

No. 47630

We have assayed 3 samples of Ore

Received November 20 1978 and submitted by J. Croxal

77 Third Street, Kirkland Lake, Ontario with the following results:

SAMPLE NO.	GOLD Oz/Ton	MOLYBDENUM (Sulphide) %	
1 - Q	0.01	0.54	(GRAPHITE PIT)
2 - Q	Nil	0.002	(LONG TRENCH - WEST OF DONUT PIT
3 - Q	Nil		(KERR PIT - Southville)

Swastika Laboratories Limited

Per: Gustave Label

G. Label
Engineer

In accordance with long-established North American custom, unless it is specifically stated otherwise gold and silver values reported on these sheets have not been adjusted to compensate for losses and gains inherent in the fire assay process.

Ministry of Natural Resources
Ontario Geological Survey
77 Grenville Street
11th Floor
Toronto, Ontario
M7A 1W3
Telephone 965-1237

Geoservices Laboratory Report

Report No. C 19851

Date 29.12.78.

Issued to:

Teniskaming Testing Laboratory, Ministry of Natural Resources, Presley Street Cobalt, Ontario.

Mr. A. Allsopp

Sample #2 (GRAPHITE PIT)
"2-R"

Molybdenum - 0.28%

Fees Received

~~Dept.~~ Charged 1 coupon card #^232

Director

A.E. Pitts, Chief Analyst

Ontario

LABORATORY REPORT

MINISTRY OF NATURAL RESOURCES
MINERAL RESEARCH BRANCH
ORANGEVILLE STREET, 11TH FLOOR
TORONTO 181, ONTARIO
TELEPHONE 965 1337

REPORT NUMBER

A 10931

DATE 29.12.78.

Issued To: Teniskaming Testing Laboratory, Ministry of Natural Resources, Presley Street, Cobalt, Ontario.

Mr. A. Allsopp

QUALITATIVE SPECTROGRAPHIC ANALYSIS

SAMPLE / ELEMENT	1 (JIMS PIT) "1-R"	3 (GRAPHITE PIT) "3-R"
Antimony	-	-
Arsenic	-	-
Beryllium	-	-
Bismuth	T	T
Cadmium	-	-
Cerium	-	-
Chromium	T	T
Cobalt	-	-
Copper	T	T
Germanium	-	-
Lead	T	T
Lithium	-	-
Manganese	TL	TL
Mercury	-	-
Molybdenum	T see "assay" sample #2 →	TL
Nickel	T	T
Niobium	-	-
Silver	-	-
Tantalum	-	-
Tellurium	-	-
Thorium	-	-
Tin	-	-
Titanium	TL	TL
Tungsten	-	-
Uranium	-	-
Vanadium	-	-
Yttrium	-	-
Zinc	-	-
Zirconium	-	-
Iron	M	M

Fees Received Dept. Charged 4 coupons card U247 & U232

KEY TO SYMBOLS:

H	10 to 100%
MH	5 to 15%
M	1 to 10%
LM	0.5 to 5.0
L	0.1 to 1.0%
TL	0.05 to 0.50%
T	0.01 to 0.10%
	None detected or insignificant trace

A.E. Pitts, Chief Analyst.
DIRECTOR

M5-001

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

RESIDENT GEOLOGIST
4 GOVERNMENT ROAD EAST
KIRKLAND LAKE, ONTARIO
P2N 1A2

SEP 18 1979
Received

Ministry of Natural Resources — Mineral Research Branch — Ontario

T.R.L. Cobalt

Form MS. 007 (06/74)

ACKNOWLEDGMENT OF ASSAY COUPON CREDIT

Name Mr. A. Allsopp Date Jan. 4/79.

Address Kirkland Lake, Ont.

5 Assay coupons were received to your credit.
5 Coupons have been applied to assay work.
0 Coupons remain to your credit in our files.

D.L. Laraoie per C.M.

PLEASE REFER TO OUR FILE NUMBER A-1

1321

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0 TELEPHONE: (705) 642-3244

SOLD TO J. Croxal

77 Third Street

Kirkland Lake, Ontario

SHIP TO

SHIPPED VIA	FED LICENCE NO	PROV LICENCE NO	YOUR ORDER NO	OUR ORDER NO	TERMS	SALESMAN
ov. 24/78					Net 30 days	

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
3	Assays Au	$5.00	$15.00
2	Assays MoS_2	8.50	17.00
3	Sample Handling	1.25	3.75
	November 24/78 Cert No. 47630		
		TOTAL	$35.75

SWASTIKA LABORATORIES LTD.
RECEIVED
NOV 28 1978
THANKS

MORE BUSINESS FORMS 3 7080E

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

FACTURE / INVOICE

ESTABLISHED 1928

Ministry of Natural Resources — Mineral Research Branch — T.T.L., Lotus

Form MS. 007 (06/74)

ACKNOWLEDGMENT OF ASSAY COUPON CREDIT

Name Mr. A. Allsopp Date Aug. 29/78.

Address Kirkland Lake

6 Assay coupons were received to your credit.
4 Coupons have been applied to assay work.
2 Coupons remain to your credit in our files.

G. McNaughton

PLEASE REFER TO OUR FILE NUMBER A-1

Ministry of Natural Resources — Mineral Research Branch — T.T.L., Cobalt, Ont.

Form MS. 007 (06/74)

ACKNOWLEDGMENT OF ASSAY COUPON CREDIT

Name Mr. A. Allsopp, Date Oct. 26/78.

Address Kirkland Lake, Ont.

12 Assay coupons were received to your credit.
7 Coupons have been applied to assay work.
5 Coupons remain to your credit in our files.

D.L.Larabie per C.M.

PLEASE REFER TO OUR FILE NUMBER A-1

Ministry of Natural Resources — Mineral Research Branch — T.T.L., Cobalt, Ont.

Form MS. 007 (06/74)

ACKNOWLEDGMENT OF ASSAY COUPON CREDIT

Name Mr. A. Allsopp Date Aug. 14/78.

Address Kirkland Lake, Ont.

12 Assay coupons were received to your credit.
12 Coupons have been applied to assay work.
0 Coupons remain to your credit in our files.

D.L.Larabie per C.M.

PLEASE REFER TO OUR FILE NUMBER A-1

Ministry of Natural Resources

Ontario

42A01SE0156 2.2882 OTTO

900

Your file:

Our file: 2.2882

RESIDENT GEOLOGIST
4 GOVERNMENT ROAD EAST
KIRKLAND LAKE, ONTARIO
P2N 1A2

SEP 18 1979
Received

1979 09 17

Mr. Euan Craig
Mining Recorder
Ministry of Natural Resources
Box 934, 4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

Re: Mining Claims L. 511328 et al. Otto Township, File 2.2882

The assessment work credits for Assaying under Section 86 (18, 19 & 20) of The Mining Act, as shown on the attached statement have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours very truly,

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
[illegible]
RECEIVED

E.F. Anderson
Director
Lands Administration Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

DN:ie

cc: Mr. Arnold Allsopp
Kirkland Lake, Ontario

Resident Geologist ✓
Kirkland Lake, Ontario

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.2382

Recorded Holder: Arnold Allsopp

Township or Area: Otto Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	$210.75 spent on assaying for samples taken from mining claims L. 511332, 511328, 511331 and 511578
Electromagnetic _____ days	The total of 14 days assessment work credits may be recorded in accordance with Section 85(6).
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Section 86 (18) see across days	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 86 (15a) for the following mining claims

No credits have been allowed for the following mining claims

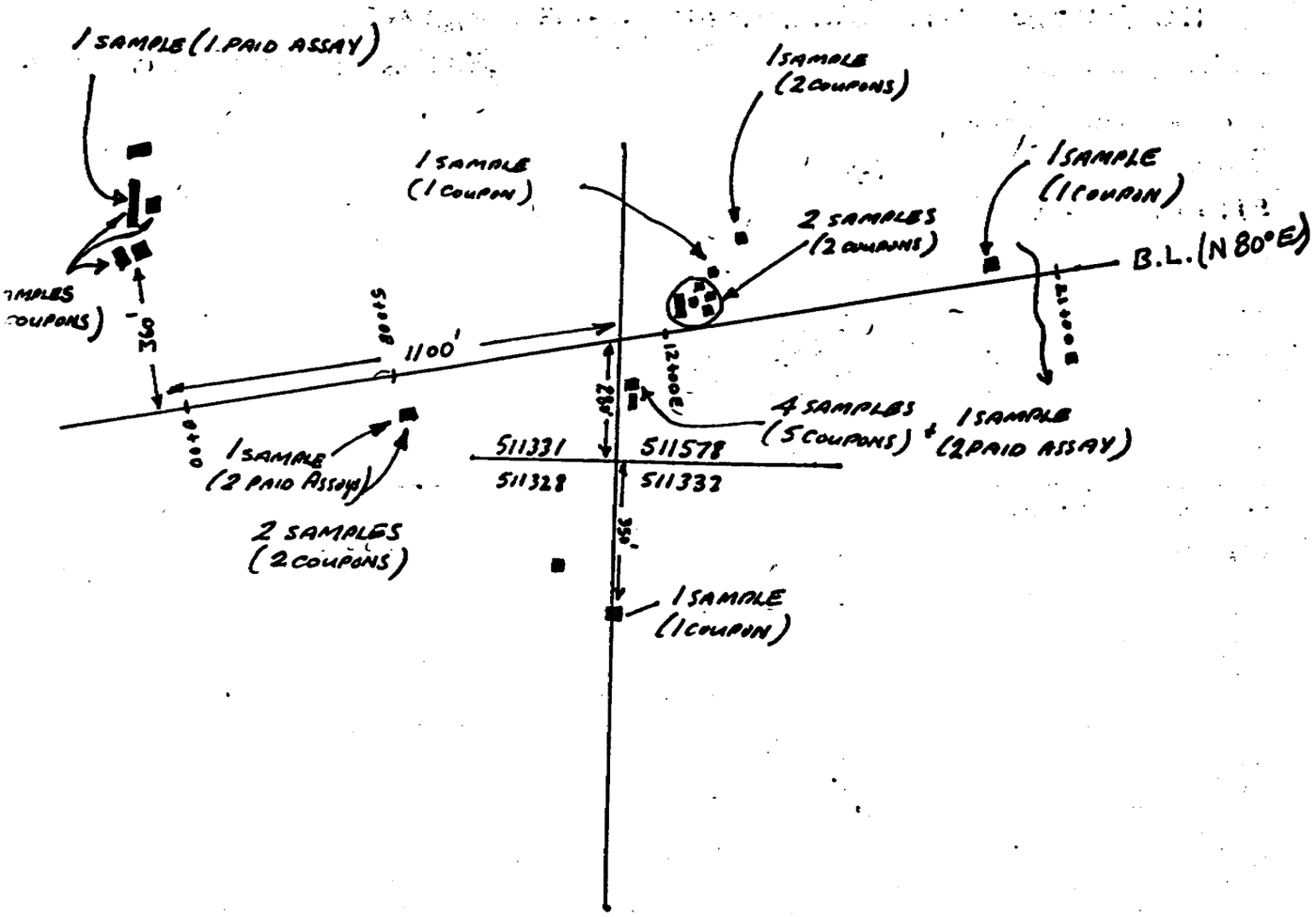
☐ not sufficiently covered by the survey ☐ Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 86(18)-60:

SAMPLING FOR ASSAY

2.2882

1978?



Summary

CL. NO. 511331 – 16 COUPONS + 3 PAID ASSAYS
CL. NO. 511578 – 18 COUPONS + 2 PAID ASSAYS
CL. No 511332 – 1 COUPON

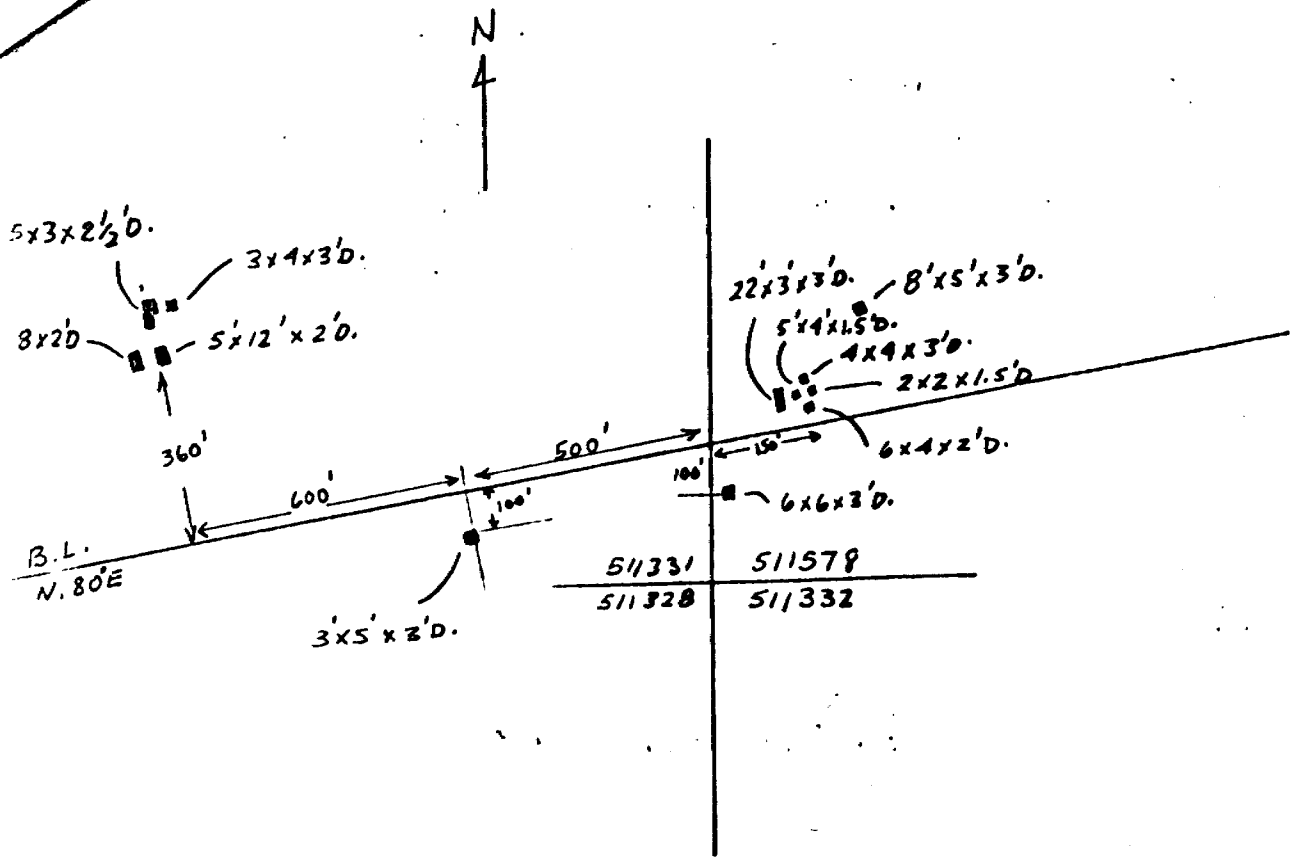
28 COUPONS + 5 PAID ASSAYS.
(23 SAMPLES) (3 SAMPLES)

SWASTIKA LAB CH66 = assay charge + sample handling charge

sample handling charge = $1.25/sample.
assay charge – varies with element of interest

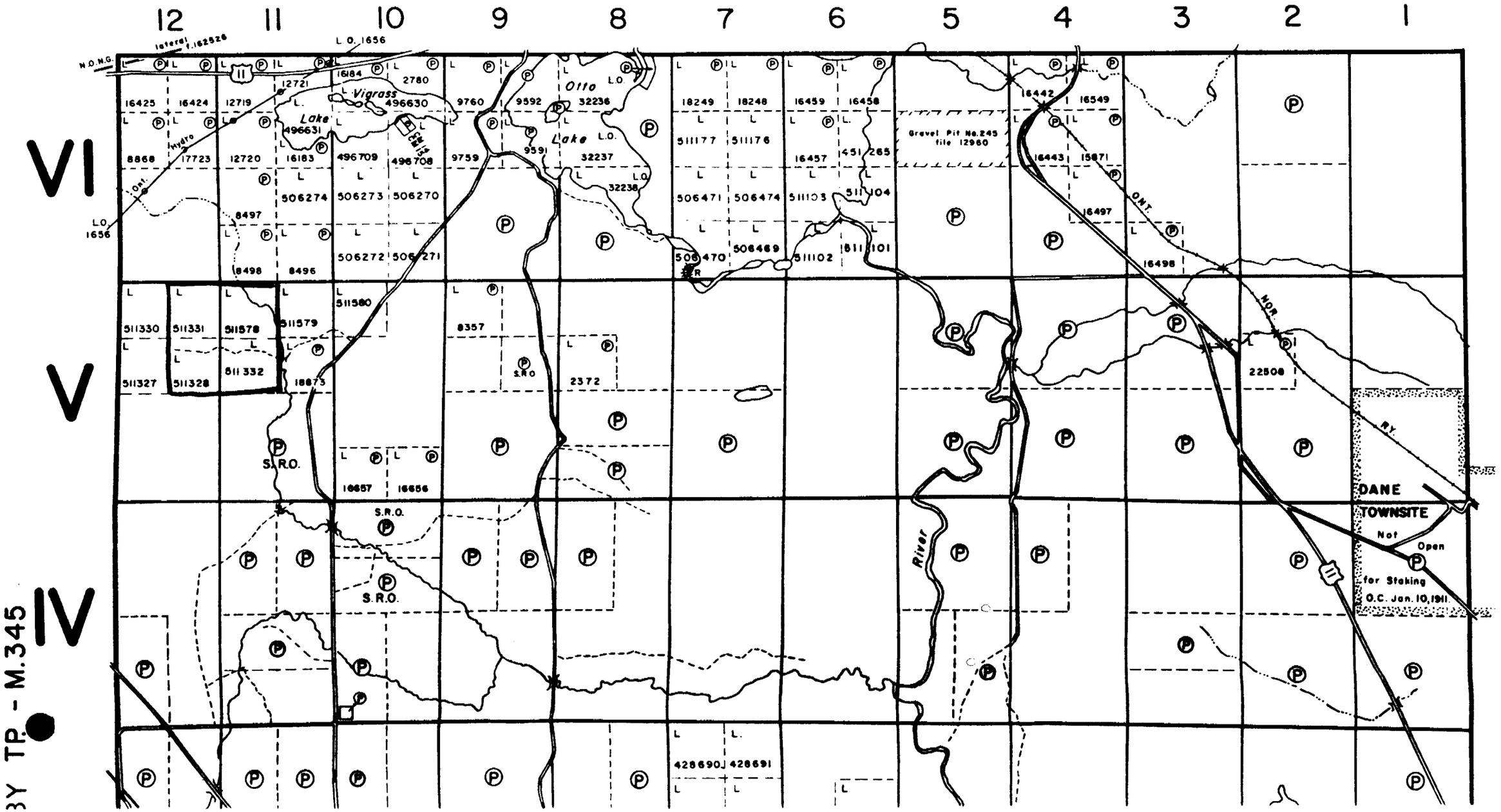
∴ use 1 coupon = $5.00 assay charge ("fee schedule" equivalent) 1 sample = $1.25 handling charge ("handling charge" equivalent?)

DRILL, BLAST, MUCK, SAMPLE PITS.



OTTO TWP.
M-379

TECK TP. - M.392



Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.2882

Recorded Holder: Arnold Allsopp

Township or Area: Otto Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	$210.75 spent on assaying for samples taken from mining claims L. 511332, 511328, 511331 and 511578
Electromagnetic _____ days	The total of 14 days assessment work credits may be recorded in accordance with Section 85(6).
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Section 86 (18) see across days	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 86 (15a) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 86(18)-60: