



41114NE0033 0020C1 ROBERTS

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REPORT ON THE GEOLOGICAL SURVEY

of

MINERAL CLAIMS S-64852 TO S-64864 INCLUSIVE,
S-64867, S-64869 TO S-64872 INCLUSIVE
and S-64879 TO S-64887 INCLUSIVE

ROBERTS TOWNSHIP - SUDBURY MINING DIVISION
PROVINCE OF ONTARIO

for

DYMO MINES LIMITED

by

Simard and Knight
Mining Consultants

Toronto, Ontario

November 18, 1954.

REPORT ON THE GEOLOGICAL SURVEY
OF
DYNO MINES LIMITED
ROBERTS TOWNSHIP - SUDBURY MINING DIVISION
PROVINCE OF ONTARIO

PROPERTY, LOCATION, ACCESS
ETC.

The property includes 27 unsurveyed and unpatented mineral claims in two groups. They are numbered - S-64862 to S-64864 inclusive; S-64867; S-64869 to S-64872 inclusive and S-64879 to S-64887 inclusive. The two groups are separated by 1400 feet at their closest interval.

The claims are situated in the northeast quarter of Roberts Township. They are located approximately twenty-one miles northwest of the town of Capreol and thirty-four miles due north of Sudbury. The main transcontinental line of the Canadian National Railway from Capreol crosses the northeast and northern parts of the property. A hydro-electric power line passes three and one-half miles to the west.

The Vermillion River crosses the north eastern corner of the north group, following to the east of the railroad. The east ends of Little Roberts Lake enter the southern part of the north group. Trout Lake is centrally situated on the south group.

The area is generally timbered with jackpine and scattered spruce and birch.

PURPOSE OF THE SURVEY

The survey was carried out to investigate the mineral potential of the property and to determine by what means additional investigations should be carried out.

PROPERTY GEOLOGY

The outcrops found within the map area are predominantly composed of slaty greywacke, quartzite-greywacke, quartzite and small amounts of interbedded

boulder conglomerate. This entire assemblage is believed to be included in the Gowanda age group. Strike and dip of bedding in these rocks is quite variable and is believed to represent only the attitude locally, where observed.

The boulder conglomerate has a characteristic light colored quartzitic matrix. The contained boulders are composed predominantly of granitic material.

Exposures of the interbedded conglomerate and quartzite occur on the northeast portion of the north group where individual beds vary in thickness from three to six feet and dip at from 14 to 33 degrees from the horizontal.

Intrusive rocks classified as diorite outcrop over an extensive area. Commencing in the southwest corner of the south group these rocks are found more or less continuously to the northeast corner of the north group. The series is believed to be of Keweenaw Age. The rocks vary from a dark coarse grained phase to a much lighter colored quartz-diorite type in which a strong gneissic structure is observed.

MINERALIZATION

Some weak to moderate radioactivity has been observed in the bedded conglomerates in the northwest part of the north group on claims S-64858 and S-64860, and in the northeasterly portion on claims S-64855 and S-64859.

The radioactive exposures in all cases mentioned here are small, erratic and do not appear to hold possibilities of being important from an economic point of view. They are, however, indicators of the presence of radioactive mineralization in this rock series in the area and as such some importance may be attached to them.

In the vicinity of the above mentioned areas, additional radioactivity is frequently observed in the enclosing quartzite-greywacke rocks.

Respectfully submitted
SIMPSON and KNIGHT

per M. C. Knight, B.Sc., P.Eng.

APPENDIX I

WORK PROCEDURE

The properties were prepared for mapping by cutting two north-south base lines from which were projected a series of east-west trending picket lines at intervals of approximately 400 feet. All lines were measured and marked chainage pickets placed at intervals of 100 feet.

All pertinent field data including claim post locations, outcrops, swamp and hill outlines and the outline of water courses were located with respect to chainage markers on the picket lines by pace and compass methods. All outcrops located during the survey were tested by a geiger counter for the presence of radioactivity.

Pertinent information resulting from the field survey has been plotted on a plan whose scale is 1 inch equals 200 feet.

Length of Picket Lines Cut

North Group	81,800 feet
South Group	<u>27,700 "</u>
Total	109,500

APPENDIX II

SUMMARY OF ASSESSMENT WORK

<u>Claim No.</u>	<u>Days Credit Requested by Geological Mapping</u>
S-64852	40
64853	40
64854	40
64855	40
64856	40
64857	40
64858	40
64859	40
64860	40
64861	40
64862	40

APPENDIX II (Continued)

<u>Claim No.</u>	<u>Days Credit Requested by Geological Mapping</u>
S-64863	40
64864	40
64867	40
64869	40
64870	40
64871	40
64872	40
64879	40
64880	40
64881	40
64882	40
64883	40
64884	40
64885	40
64886	40
64887	40
Total	1,080

Line Cutting and Chaining

Roland Sicord - Gowgama, Ontario
Period August 10 to Sept. 21 incl., 1954
Ruben McKee - Capreol, Ontario
Period Sept. 13 to Sept. 27 incl., 1954
T.E. McKee - Capreol, Ontario
Period Sept. 13 to Sept. 27 incl., 1954
Frank Tordon - Fork River, Manitoba
Period Aug. 3 to Aug. 25 incl., 1954

Geological Mapping (Field Work)

Raymond Feddler, 1101 - 13th St. W., Prince Albert, Sask.
Period Aug. 9 to Sept. 21 incl., 1954
Frank Hodgkinson, 403 - 25 Adelaide St. W., Toronto, Ont.
Period Sept. 1st to Oct. 3rd incl., 1954
W. G. Fowler - New Liskeard, Ont.
Period August 3rd to Oct. 3rd incl., 1954

Draughting, Reports, etc.

W. G. Fowler - New Liskeard, Ont.
Bizard & Knight, 403 - 25 Adelaide St. W., Toronto, Ont.

APPENDIX II (Continued)

Breakdown

Line Cutting and Chaining

<u>Days</u>	<u>Hrs./day</u>	<u>Total Hrs.</u>	<u>Factor</u>	<u>Hrs. x Factor</u>	<u>Net 8 hr. Man Days</u>
98	9	884	x 4	3456	432

Geological Mapping - Field Work

145	8 1/2	1232 1/2	x 4	4930	616
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Draughting, Reports, etc.

		64	x 4	256	<u>32</u>
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Total 1080

Apportionment of Work

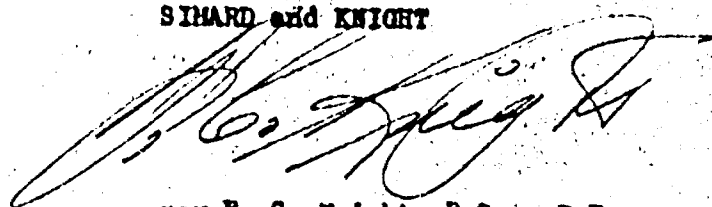
Total Days = 1080

Total Claims = 27

Days requested per claim -

$1080 \div 27 = 40$

SIMARD and KNIGHT



per F. C. Knight, B.Sc., P.Eng.

Toronto, Ontario
November 18, 1954

ROBERTS

DISTRICT OF
SUDBURY

SUDBURY
MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓛ
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKEG	—
MINES	X
CANCELLED	C.

NOTES

400' Surface Rights reservation around all
Lakes & Rivers

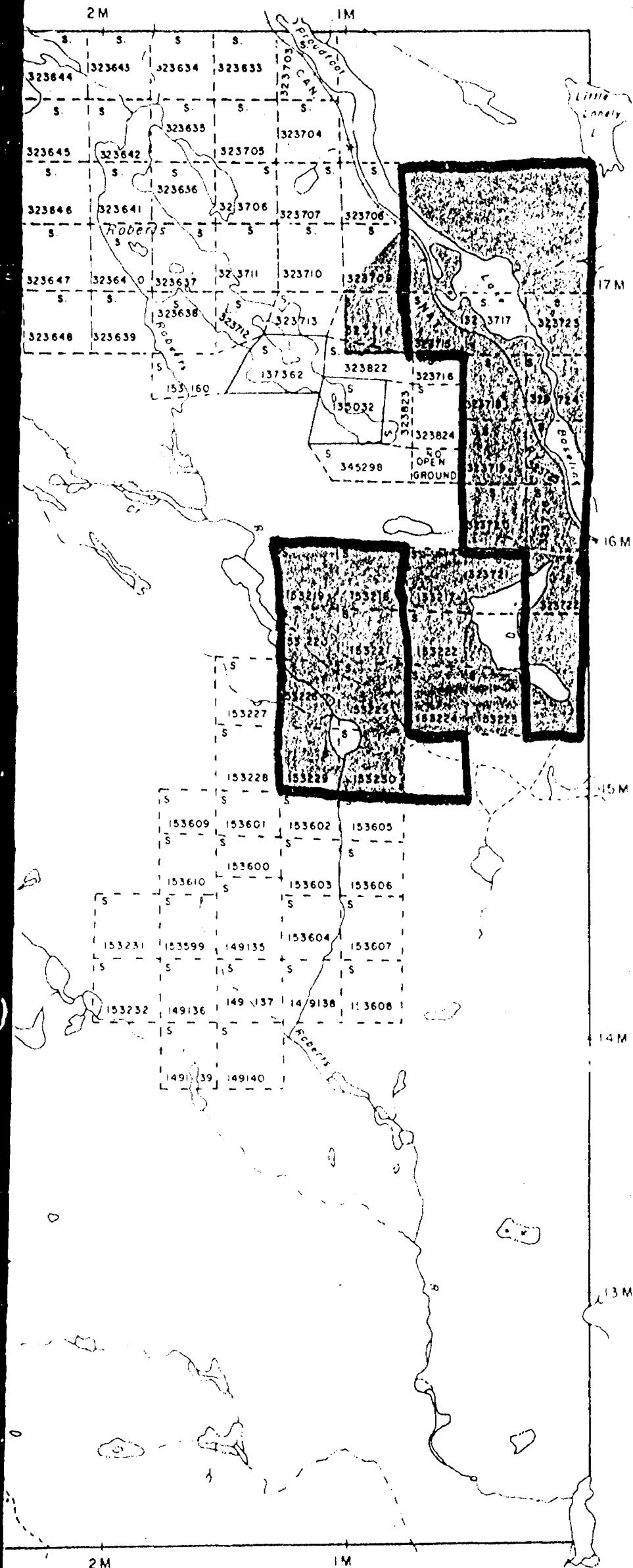
D. J. Jones Ltd

- MINING LANDS -
DATE OF ISSUE
JAN 29 1973
MINISTRY
OF NATURAL RESOURCES

PLAN NO. - M. 1078

ONTARIO

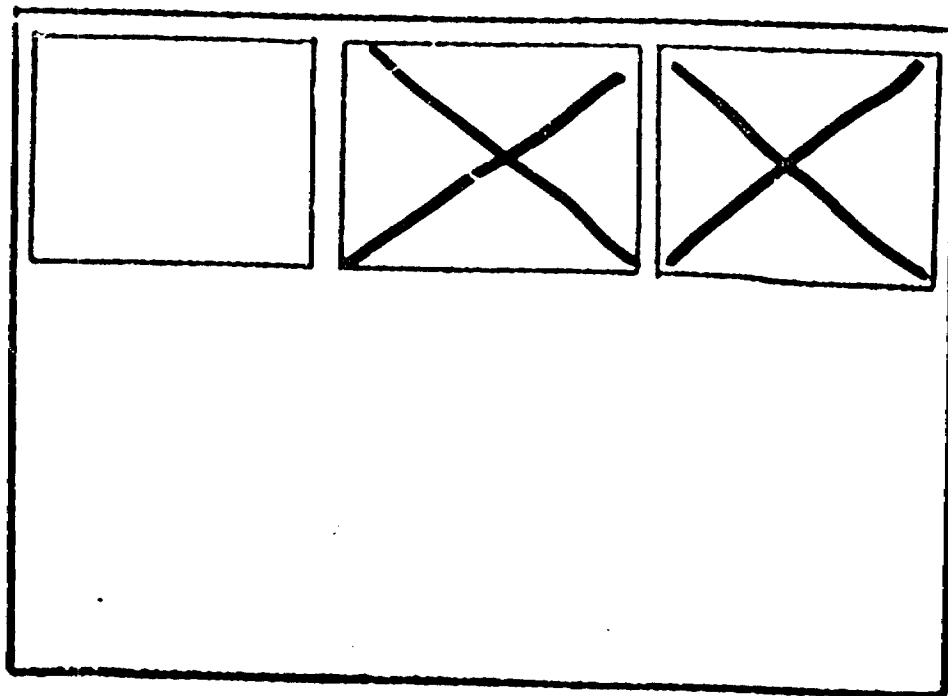
Creelman Twp. M. 737



SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

ROBERTS -0020-C1-#1

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)

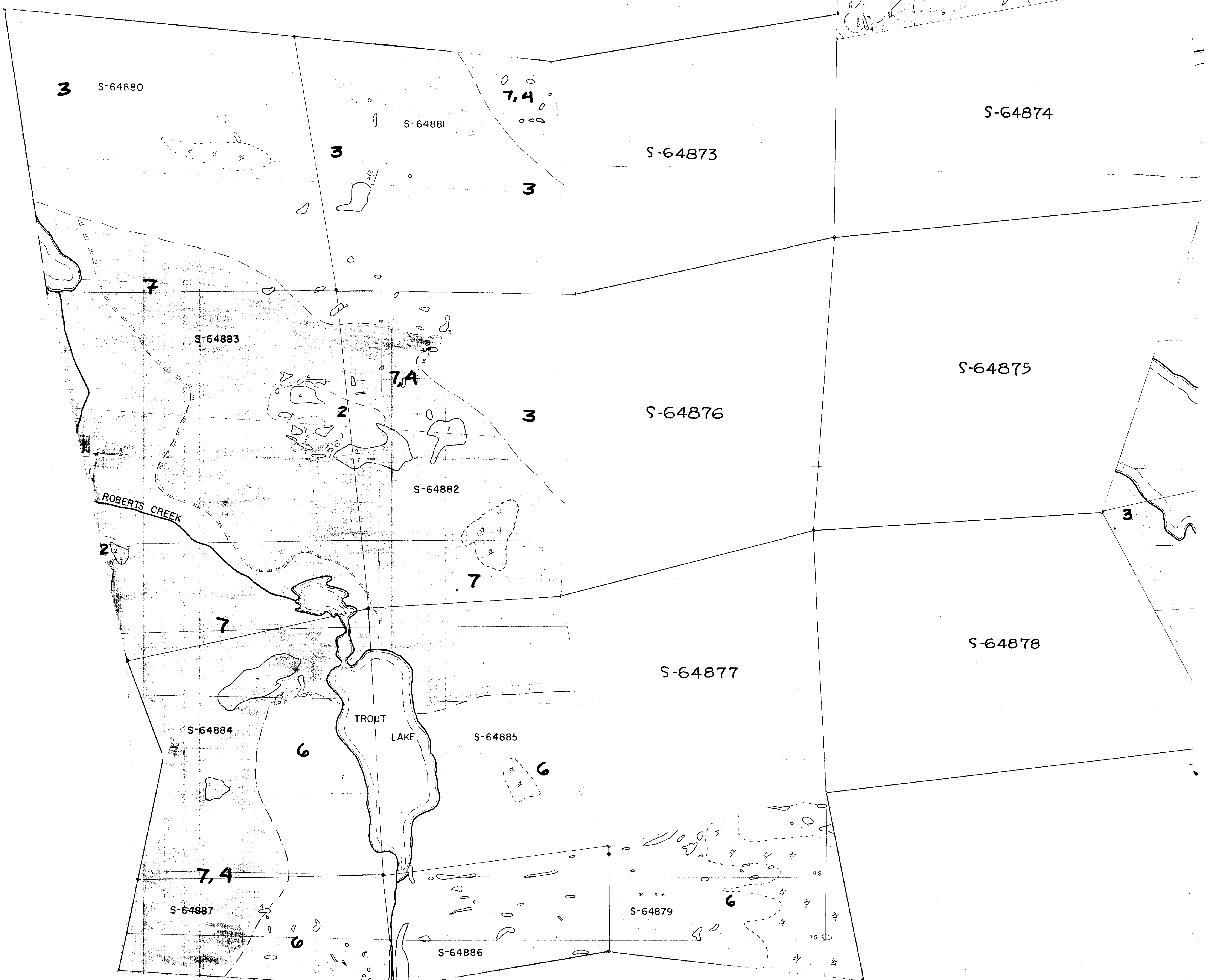
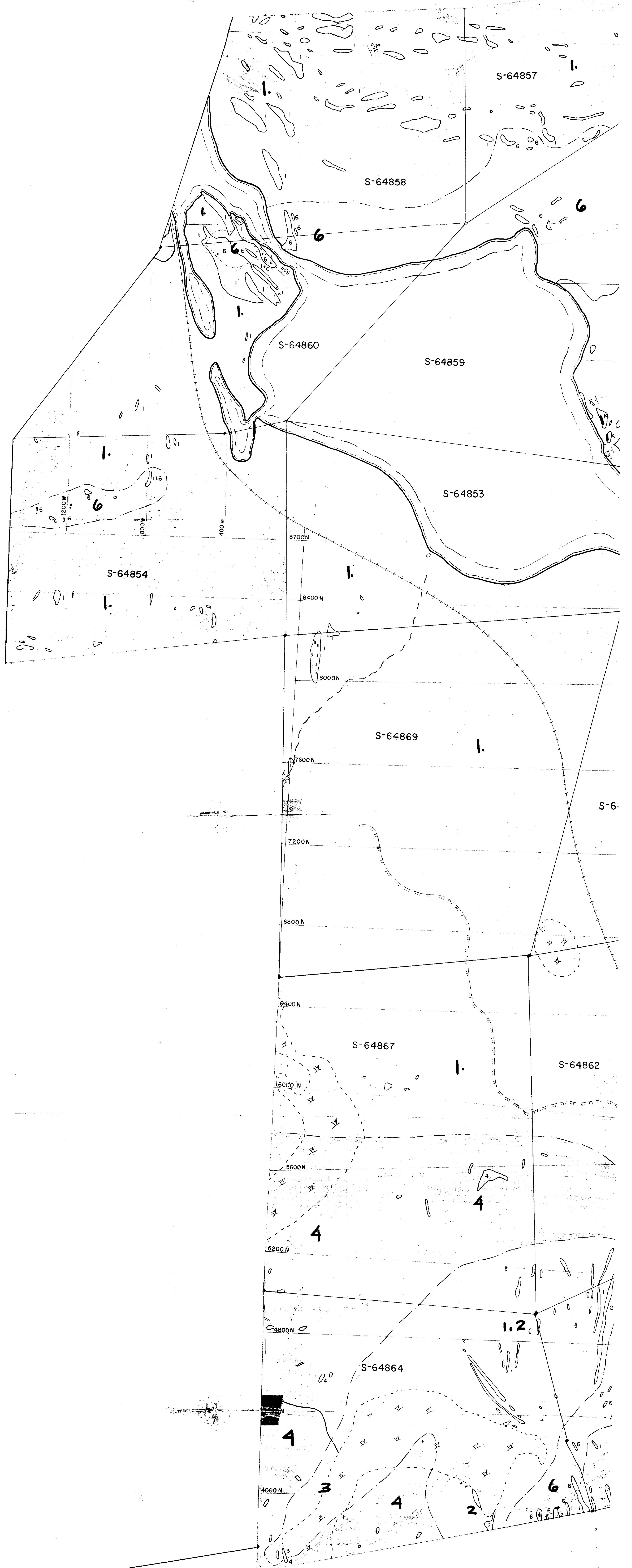


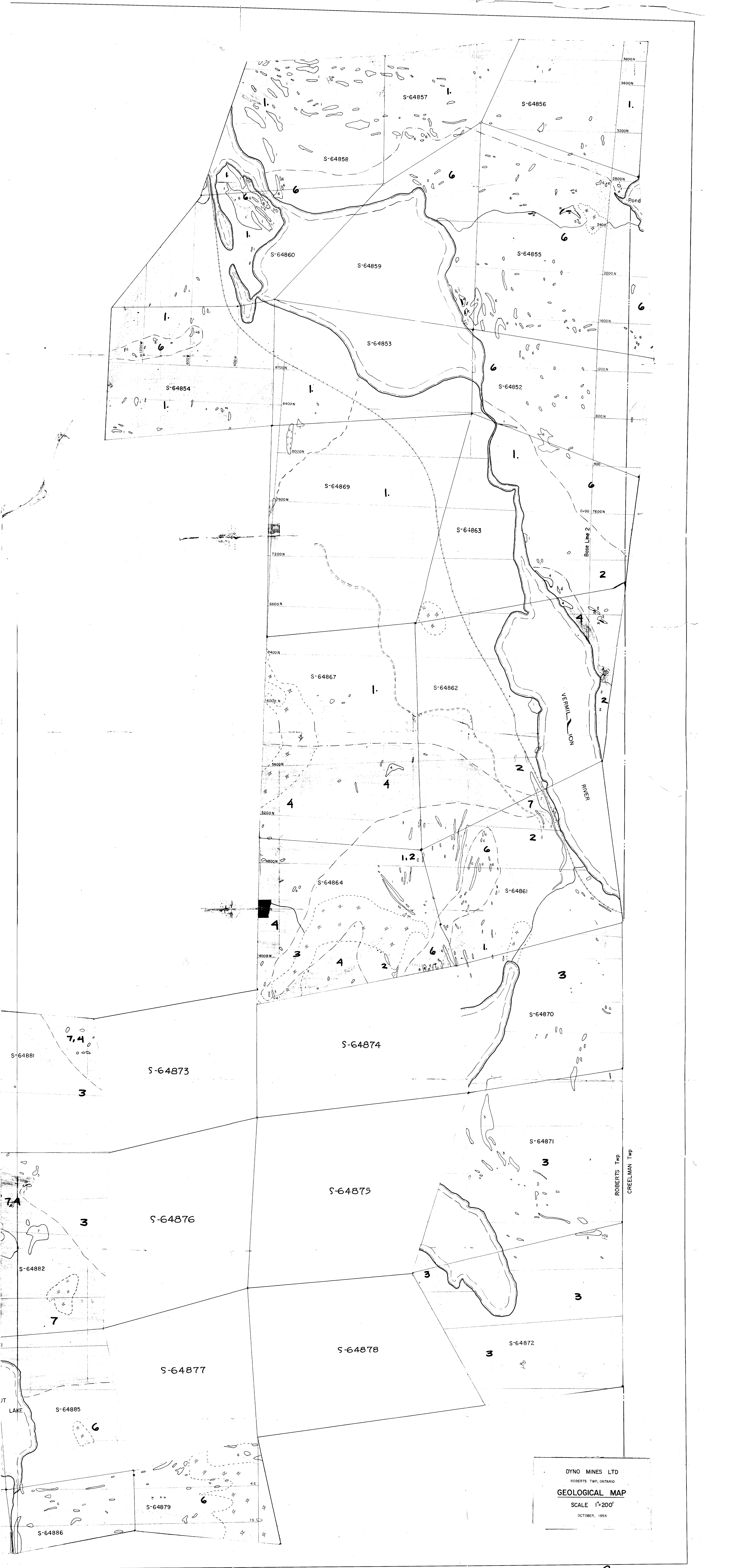
LEGEND

- 7 Diorite
- 4 Quartz-Diorite
- 6 Conglomerate
- 1 Quartzite
- 2 Quartzite-Greywacke
- 3 Greywacke

Symbols

- Swamp
- Trail
- Cabin
- C.N. Railway
- Claim Post
- Strike, Dip of Bedding
- Outcrop Boundary
- Geological Contact
- Topography
- Fault Assumed
- Diamond Drill Hole
- Radioactivity
- Small Outcrop
- Brow of Hill





DYNO MINES LTD
ROBERTS TWP, ONTARIO
GEOLOGICAL MAP
SCALE 1"=200'
OCTOBER, 1954

FILE NO. 63A-20
D.M. 2001-1500
ROBERTS-0020-C1-1