

TOPOGRAPHICAL SURVEY REPORT

ON THE

GREENDROP PROPERTY

NEW WESTMINSTER M.D. NEAR CHILLIWACK, B.C.

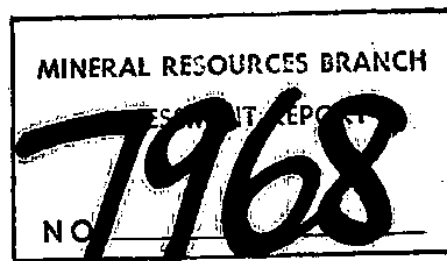
92-H-3/W

Location: The central part of the claims is located at coordinates $49^{\circ} 08' N$, latitude by $121^{\circ} 26' W$, longitude, approximately 5 km. north of the Chilliwack Lake.

Work
Periods: January 1 - March 31, 1980

April 10, 1980

B.Y. Kim
Geologist
Vancouver, B.C.



T A B L E O F C O N T E N T S

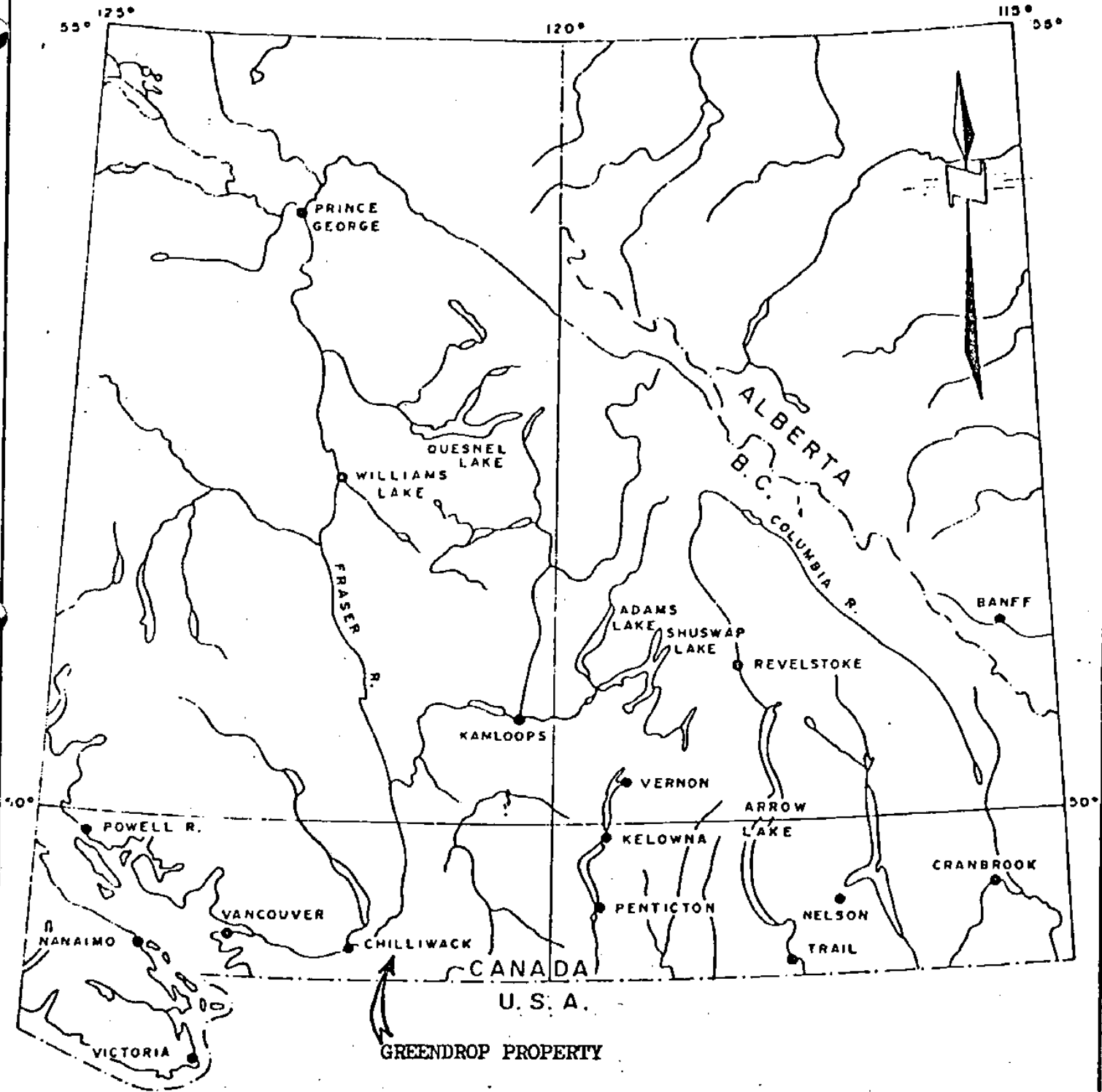
	<u>PAGE NO.</u>
1) INTRODUCTION	1
2) LOCATION AND ACCESS	1
3) PROPERTY STATUS	2
4) TOPOGRAPHICAL SURVEY	2
5) GENERAL GEOLOGY	3
6) CONCLUSION	3
7) REFERENCES	3

ILLUSTRATIONS

Location map	Fig. 1	Facing Page 1
Claim map	Fig. 2	4
Orthophoto map		
Topographic Plan (1:2,500)		In Pocket
Topographic Plan (1:5,000)		In Pocket

APPENDICES

Affidavit of expenditures



CANADIAN SUPERIOR EXPLORATION LTD.

LOCATION MAP
 GREENDROP MOLYBDENUM PROPERTY
 New Westminster M.D., B.C.
 N.T.S. 92H/3W

Date: April, 1980

Scale: 1:4,000,000

Dwn by B.Y. Kim

Dwg no. 1

1) INTRODUCTION

The Greendrop molybdenum property, located approximately 15 miles south of Hope, B.C. consists of three original M.G.S. claims, the Copper (4 units), Gold (2 units) and Moly (6 units). After Canadian Superior Exploration made an option agreement with the property owner an additional 4 claims (80 units), the Green 1 - 4 were staked.

The result of a reconnaissance survey carried out in 1979 indicate the possibility that a subjacent molybdenum-bearing deposit may occur within the property. A detailed geological survey, followed by a drilling program, was recommended (J.D. Blanchflower, 1979). The topographical survey of this report was done to prepare accurate base plans for the proposed survey programs. McElhanny Surveying and Engineering Ltd. was contracted to provide topographic maps and enlarged photos covering the original 3 claims (12 units) during the period of January - March, 1980.

2) LOCATION & ACCESS

The Greendrop property situated at coordinates $49^{\circ} 08'N$ latitude by $121^{\circ} 26'W$ longitude (N.T.S. 92H/3W) in the New Westminster Mining Division, British Columbia. The claims are located around and immediately southwest of Greendrop Lake, a small lake approximately 5 km. north of the well-known Chilliwack Lake. (Fig. 1)

Access to the property is possible via helicopter from Vancouver or Hope, or walking 4 kilometers southwest along the Centennial Trail from the northeastern end of the Greendrop Lake, the present termination of local logging roads.

3) PROPERTY STATUS

The original property consisted of three M.G.S. claims (12 units) that were staked and subsequently recorded on May 4th, 1979 by J.M. Mirko, a partner of Kodiak Resources Ltd. (a private B.C. company presently consisting of three shareholders including J.M. Mirko). After Canadian Superior Exploration Ltd. had signed an option agreement the additional four M.G.S. claims (80 units) were staked over and adjacent to the pre-existing claims. Claim data for the three original claims are listed below (Table 1) and plotted on Fig. 2.

TABLE 1 - CLAIM DATA (GREENDROP OPTION)

<u>Claim Name</u>	<u>No of Units</u>	<u>Record No.</u>	<u>Record Date</u>
Copper	4	452 (5)	May 4, 1979
Gold	2	453 (5)	May 4, 1979
Moly	6	454 (5)	May 4, 1979

4) TOPOGRAPHICAL SURVEY (Technical Procedure)

The orthophotonegatives covering the required area were photo-mechanically enlarged to the appropriate scale (1:2,500 and 1:5,000) and scribed by the scribing technique. Negatives were obtained from the existing $\frac{1}{4}$ mile per inch aerial photography of B.C. Government.

As the result of the above procedure the following topographic plans and orthophoto with superimposed contour lines were produced.

1. Topographic orthophoto map (1:2,500)
2. Topographic contour map (1:2,500)
3. Topographic contour map (1:5,000)

5) GENERAL GEOLOGY

Most of the property is underlain by quartz diorite and granodiorite belonging to the Chilliwack Batholith of late Oligocene age (J.W.H. Monger, 1970). These granitic rocks have intruded the Custer gneiss, to the north and west, and Eocene-age clastic rocks along the western boundary of the property. Centrally these intrusive rocks have been altered and pyritized by later intrusions of a breccia complex. Dykes and sill-like igneous bodies of various composition were emplaced subsequently.

Minor molybdenum-copper mineralization was noted on the surface associated with widespread pyritization. The most interesting zone is the centrally located breccia body which indicates favourable geological setting for a large porphyry-type molybdenum-copper deposit.

6) CONCLUSION

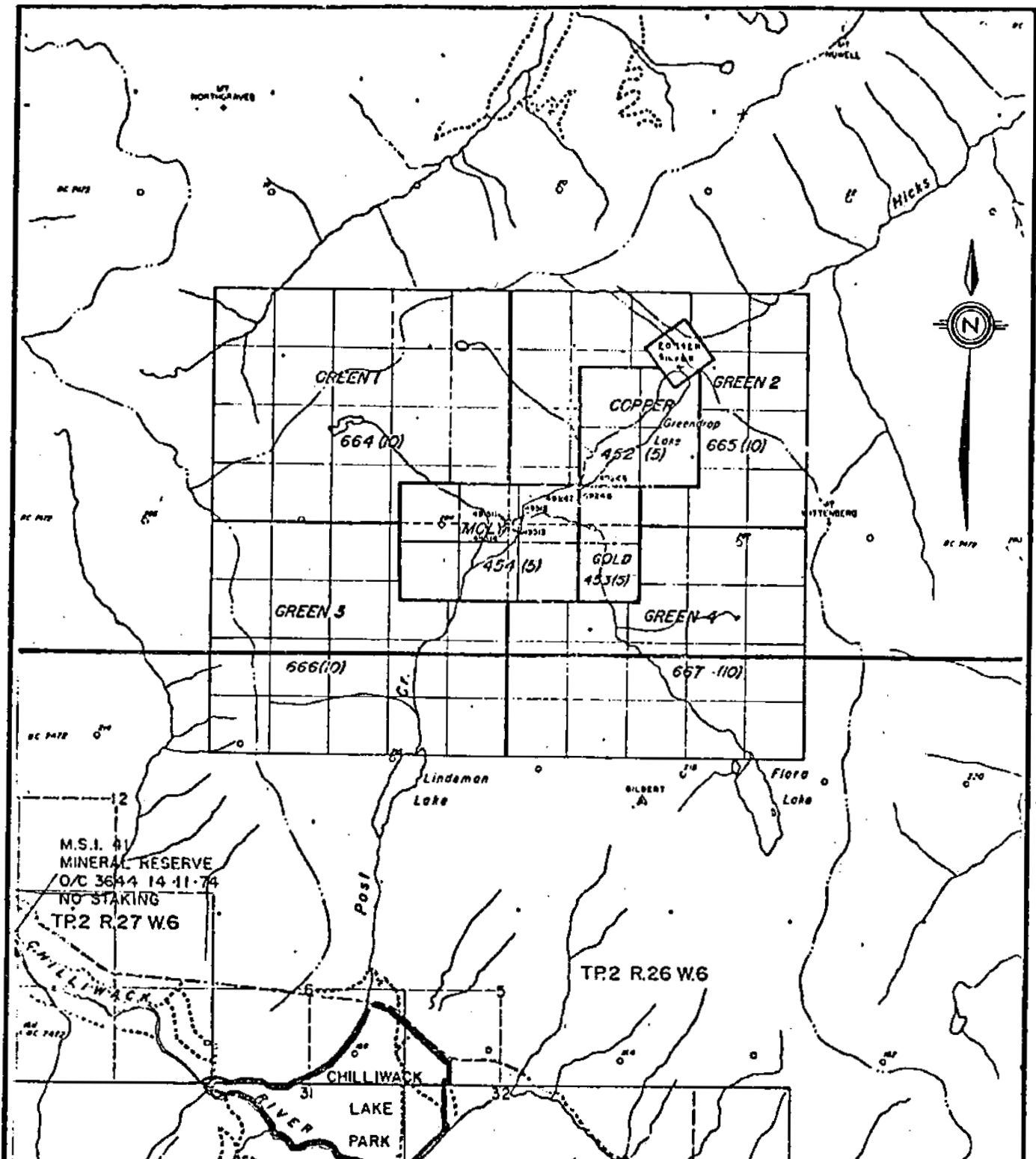
The topographical survey has provided accurate base plans for the imminent geological and drilling program.

McElhanny Surveying and Engineering Ltd. was contracted to prepare the following topographic maps covering the three original claims (12 units of Copper, Gold and Moly claims) and the surrounding area.

1. Orthophoto Map (1:2,500)
2. Topographic Plan (1:2,500)
3. Topographic Plan (1:5,000)

7) REFERENCES

- 1) Monger, J.W.H. 1970 Hope Map-Area, West Half B.C.
G.S.C. paper 69-47
- 2) Blanchflower, J.D. 1979 Exploration Report on the Greendrop Molybdenum property, a private company report of Canadian Superior Exploration Ltd.



M.S.I. #1
 MINERAL RESERVE
 O/C 3644 14 11 74
 NO STAKING
 TP.2 R.27 W.6

TP.2 R.26 W.6

CANADIAN SUPERIOR EXPLORATION LIMITED KAMLOOPS REGIONAL OFFICE	
CLAIM MAP of the GREENDROP LAKE AREA	
DRWN BY: B.Y. Kim	SCALE: 1:50,000
DATE: April, 1980	DWG. No.: 2

N.T.S. 92-H/3W

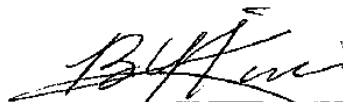
BCIL-6814A-C.S.E.

C E R T I F I C A T E

I, Boo Young Kim, of the City of New Westminster, in the Province of British Columbia, certifies as follows:

1. That I am a geologist, residing at 222 Ash Street, New Westminster, B.C.
2. That I have practised my profession continuously since being graduated in 1964 with B. Sc. in Geology from the Seoul National University in Seoul, Korea, and that I have continuously engaged in geological and mining exploration work for the past fifteen years.
3. That I am a Fellow of the Geological Association of Canada.
4. That I am an employee of Canadian Superior Exploration Ltd. in Vancouver, B.C.
5. That I have no interest in the property herein described.

DATED at Vancouver, British Columbia, this 25th day of April, 1980.



Boo Young Kim.

AFFIDAVIT OF EXPENDITURE

In support of an affidavit on Application to Record Work on the
Greendrop property.

Topographic mapping:

- 1) Orthophoto Map
- 2) Topographic Plan (1:2,500)
- 3) Topographic Plan (1:5,000)

Total Cost:

\$3,250.00

(contractor's invoice attached)



65250E
5444500N
5444000N
5443500N

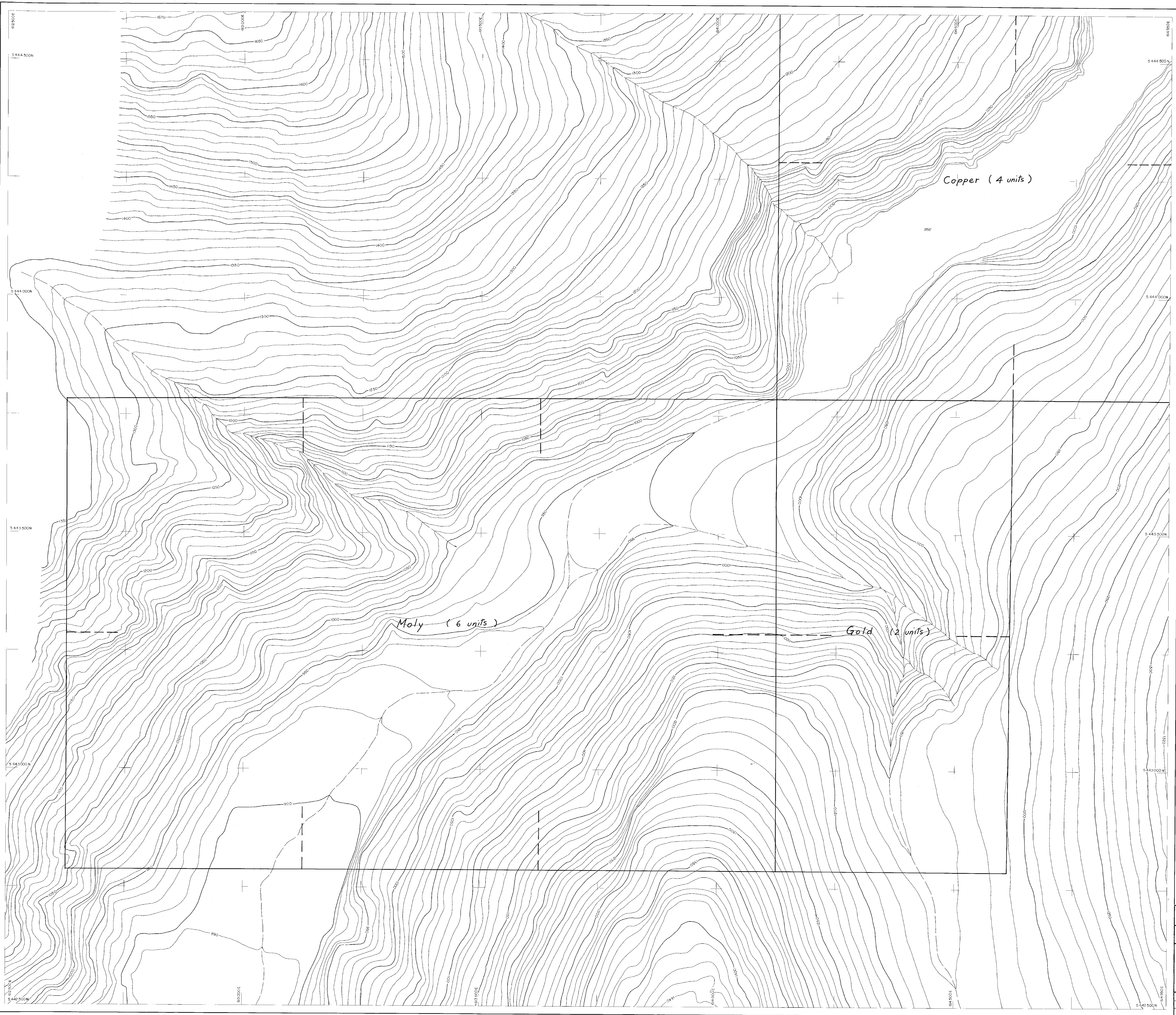
MINERAL RESOURCES BRANCH
NO. 7968

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CANADIAN SUPERIOR EXPLORATION LIMITED
KAMLOOPS REGIONAL OFFICE
GREENDROP PROJECT (P-189)
NEW WESTMINSTER MINING DIVISION, BRITISH COLUMBIA

Topographic Orthophoto Map

Tech. Work By : McElhenny Ltd.	Scale : 1 : 2500
Approved By : Canadian Superior E. Ltd.	Date : FEB, 1980
Drawn By : McElhenny Ltd.	Drawing No.

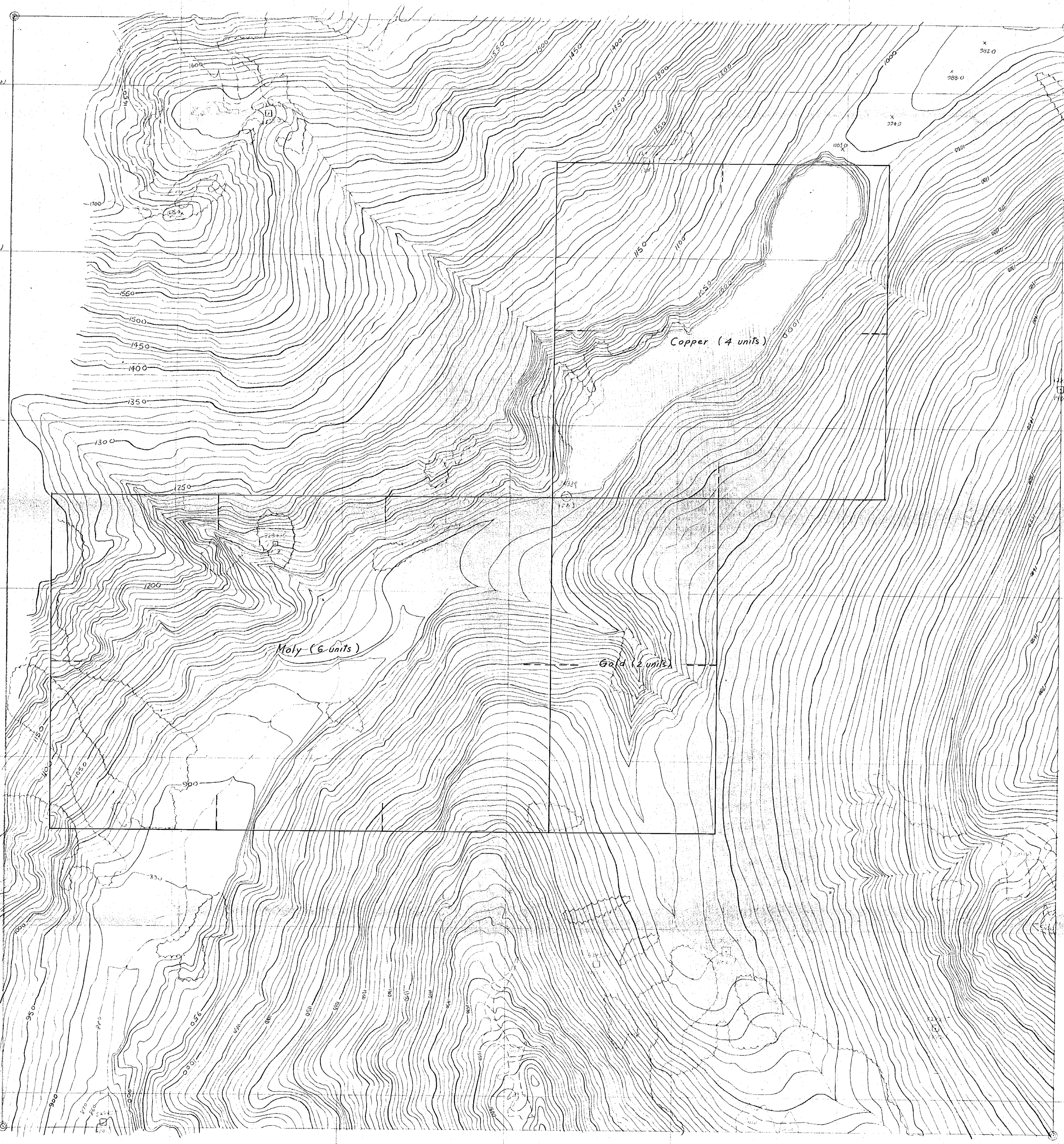


MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
 NO. 7968

CANADIAN SUPERIOR EXPLORATION LIMITED
 KAMLOOPS REGIONAL OFFICE
 GREENDROP PROJECT (P-189)
 NEW WESTMINSTER MINING DIVISION, BRITISH COLUMBIA

Topographic Plan (1)

Tech. Work By: *McElhenny Ltd.* Scale: 1:2500
 Approved By: *Canadian Superior E. Ltd.* Date: FEB. 1980
 Drawn By: *McElhenny Ltd.* Drawing No.



MINERAL RESOURCES BRANCH
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CANADIAN SUPERIOR EXPLORATION LIMITED
 KAMLOOPS REGIONAL OFFICE
 GREENDROP PROJECT (P-189)
 NEW WESTMINSTER MINING DIVISION, BRITISH COLUMBIA

Topographic Plan (2)

Tech. Work By: <i>McElhenny Ltd.</i>	Scale: 1:5000
Approved By: <i>Canadian Superior E. Ltd.</i>	Date: FEB, 1980
Drawn By: <i>McElhenny Ltd.</i>	Drawing No.