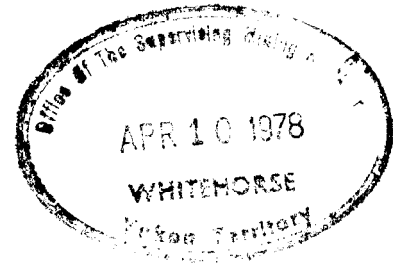


Assessment Report      Wernecke 1-82 cls.  
Mayo Mining District  
NTS 106E1  
A.R. Archer, P. Eng.      20 March, 1978



APR 10 1978  
AVR

This report has been examined by the  
Geological Evaluation Unit and is recom-  
mended to the Commission to be consider-  
ed as representing the amount of

\$4,200

*Michael S. [Signature]*

Registered Professional Engineer

Considered as representing the amount under  
Section 54 of the Public Works Act.

*[Signature]*

B. R. BAXTER  
Supervising Mining Recorder

COMMISSIONER OF MINES

**ARCHER, CATHRO**  
AND ASSOCIATES LTD.  
CONSULTING GEOLOGICAL ENGINEERS

Box 4127, WHITEHORSE, Y.T. Y1A 3S9 667-4415

STANDARD BUILDING, VANCOUVER, B.C. 688-2568

1016 STANDARD BUILDING  
510 WEST HASTINGS STREET  
VANCOUVER, B.C.  
V6B 1L8

Assessment Report  
on  
Orthophoto Mapping  
Wernecke 1-82 Claims

Mayo Mining District  
Claim Sheet 106E1  
Latitude 65°08'N, Longitude 134°23'W

March 20, 1978

Alan R. Archer, P. Eng.

Consulting Engineer

090311

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1-64 claims, north half - scale 1:5,000
  
- Pocket 2 - Figures Q3C and Q3D, Orthophoto Maps, Wernecke  
1-64 claims, south half - scale 1:5,000

Introduction

The Quartet property was staked as the Wernecke 1-42 claims by Wernecke Joint Venture (Chevron Canada Limited, Aquitaine Co. of Canada Ltd., Messrs. L.T. and Harris Clay) on 21 July, 1975 following discovery of radioactive float on the north side of Quartet Mountain. The Wernecke 43-82 claims were added on 30 September, 1975, to protect additional areas of radioactive float located by prospecting.

The orthophoto mapping described in this report was obtained to provide ground control for exploration to be conducted in June 1978.

Property, Location and Access

The Quartet property consists of 82 contiguous Wernecke mineral claims registered in Mayo as follows -

<u>Claim Name</u>	<u>Record No.</u>	<u>Expiry Date</u>
Wernecke 1-42	Y97944-Y97985	21 April, 1978
Wernecke 43-82	YA1353-YA1392	30 March, 1978

The claims are located at latitude 65°08' north and longitude 134°23' west on NTS claim sheet 106E1. Access is by helicopter from Kiwi Lake, 9 miles to the northwest, which can be reached by float-equipped, fixed wing aircraft from a charter base at Mayo, 120 miles to the southwest.

Orthophoto Map Description

The orthophoto maps included in the pockets of this report as Figures Q3A to Q3D were prepared by North West Survey Corporation (Yukon) Ltd., 12750 - 127 Street, Edmonton, Alberta. The maps cover an area of 43 square km centred on the north end of the Wernecke claims. The map base is 1 inch to 1 mile airphotos obtained from Energy, Mines and Resources, Canada enlarged to a scale of 1:5,000. The contour interval is 50 feet with control from 1:250,000 NTS map 106E.

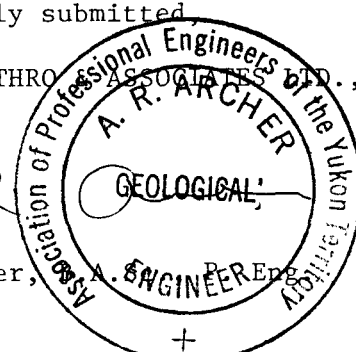
The approximate location of the Wernecke claims is sketched onto each of the figures.

Respectfully submitted,

ARCHER, CATHRO ASSOCIATES LTD.,

C R

A.R. Archer,



ARA:jm

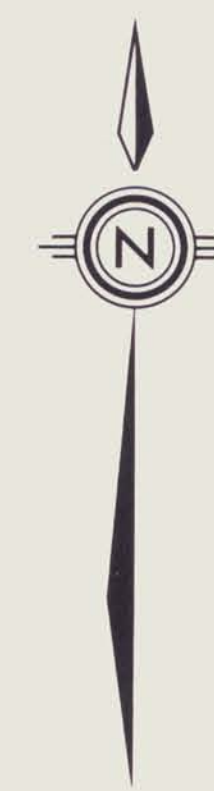
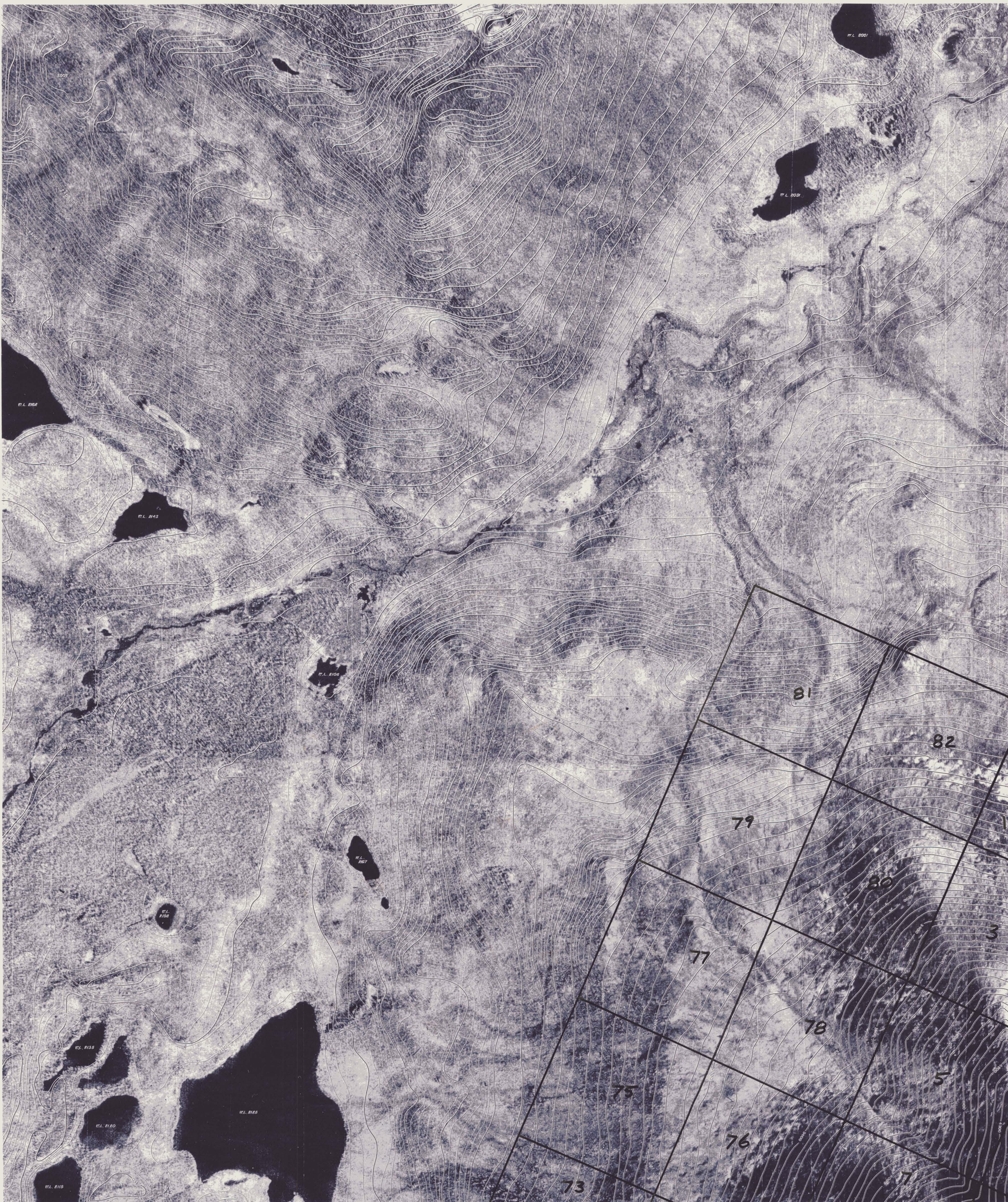
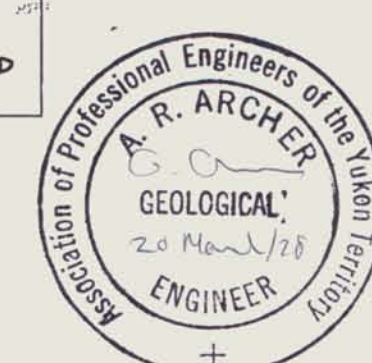


Fig. Q3A	2 Fig. Q3B
3 Fig. Q3C	4 Fig. Q3D

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WERNECKE JOINT VENTURE

**FIG. Q3A**  
**WERNECKE CLAIMS**

SCALE 1 : 5 000

AERIAL PHOTOGRAPHY BY ENERGY MINES & RESOURCES, CANADA CONTROL BY 1:250,000 N.T.S. MAP 106 E

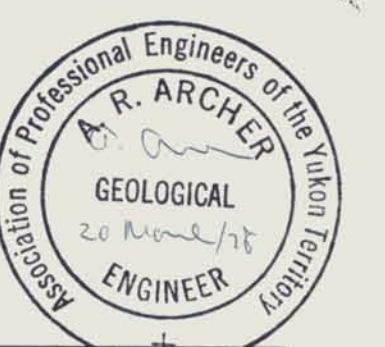
NORTH WEST SURVEY CORPORATION (YUKON) LTD.

DRAWN BY D.H. DATE MARCH 1978 SHEET 1 OF 4  
CHECKED BY D.L. JOB NO. 78-19



1 Fig. Q3A	2 Fig. Q3B
3 Fig. Q3C	4 Fig. Q3D

SHEET INDEX

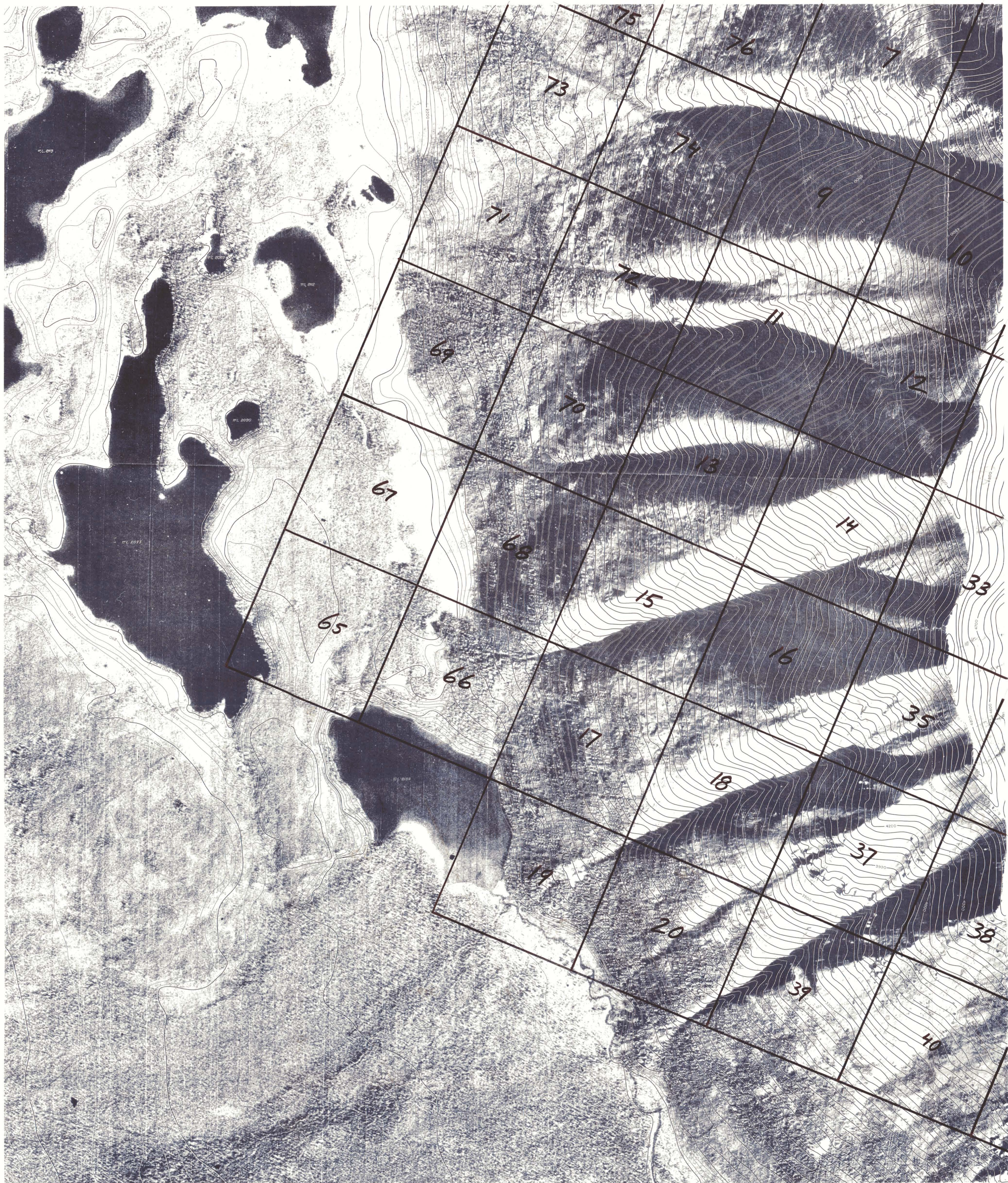


**WERNECKE JOINT VENTURE**

**Fig. Q3B**  
**WERNECKE CLAIMS**

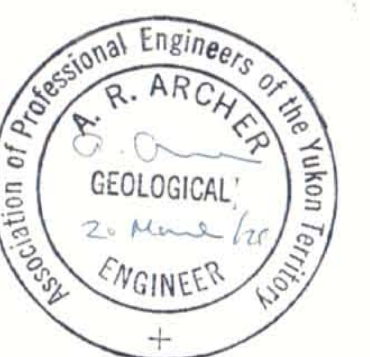
SCALE 1 : 5 000

AERIAL PHOTOGRAPHY BY ENERGY MINES & RESOURCES, CANADA	CONTROL BY 1 : 250 000 N.T.S. MAP 106 E
NORTH WEST SURVEY CORPORATION (YUKON) LTD.	
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CHECKED BY D.L.	JOB NO. 98-18
SHEET 2 OF 4	

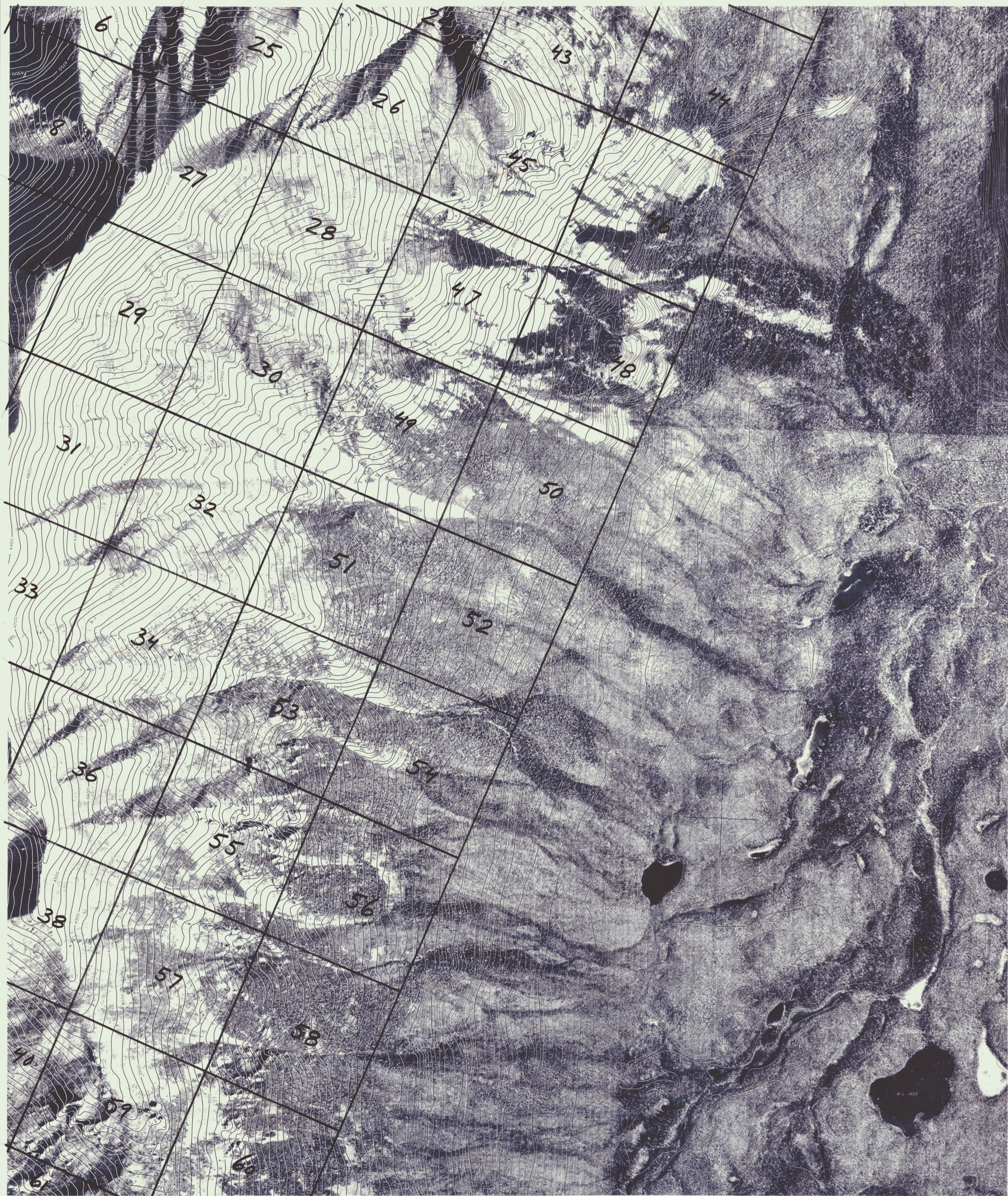


1	2
Fig. Q3A	Fig. Q3B
3	4
Fig. Q3C	Fig. Q3D

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<b>WERNECKE JOINT VENTURE</b>	
<b>FIG. Q3C</b>	
<b>WERNECKE CLAIMS</b>	
SCALE 1 : 5 000	
AERIAL PHOTOGRAPHY BY ENERGY MINES & RESOURCES, CANADA	CONTROL BY 1: 250,000 N.T.S. MAP 106 E
NORTH WEST SURVEY CORPORATION (YUKON) LTD.	
DRAWN BY CHECKED BY	D.H. D.L.
DATE JOB NO.	MARCH 1978 78-19
SHEET 3 OF 4	



1 Fig. Q3A	2 Fig. Q3B
3 Fig. Q3C	4 Fig. Q3D

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WERNECKE JOINT VENTURE

**FIG. Q3D**  
**WERNECKE CLAIMS**

SCALE 1:5 000

AERIAL PHOTOGRAPHY BY ENERGY MINES & RESOURCES, CANADA CONTROL BY 1:250,000 N.T.S. MAP 106 E

 NORTH WEST SURVEY CORPORATION (YUKON) LTD.

DRAWN BY D.H. DATE MARCH 1978 CHECKED BY D.L. JOB NO. 78-19 SHEET 4 OF 4