

~~MAP No.~~ASSESSMENT REPORT
N. M. E. A. P.
CONFIDENTIAL
OPEN FILETYPE OF LINE CUTTING
WORK:

105 G 14

REPORT FILED UNDER	HUDSON BAY EXPLORATION AND DEVELOPMENT		DOCUMENT NO. 091774
DATE PERFORMED	MARCH 1981	DATE FILED:	23 APRIL 1981
LOCATION - LAT.	61°46'N	AREA:	
LONG.	131°15'W		
CLAIM NO.	BINGO 1-4 YA54549-YA54552		
VALUE \$			
WORK DONE BY	R. STROSHEIN		
WORK DONE FOR	HUDSON BAY EXPLORATION AND DEVELOPMENT CO. LTD.		
REMARKS	<p>The geology underlying the claim group consists of pale green muscovite-chlorite-quartz phyllite and medium green amphibole-chlorite phyllite, near an overlying unit of graphite phyllite. Siliceous bands and pods occur in the pale and medium green phyllites, and zinc-lead mineralization has been found on the adjacent EAGLE claims near the contact between siliceous sections of green phyllites and the graphite phyllites.</p>		
42-ELECTRIC			
091774			

This 1981 program was not documented in earlier reports. Linecutting was carried out on March 16 and 17, 1981 for the purpose of reconnaissance electromagnetic and magnetic surveys. Subsequently all lines were chained at 25m (horizontal) intervals using a secant chaining method for slope correction. Due to equipment malfunction the EM max-min survey and magnetic surveys were not conducted.

ASSESSMENT REPORT

BINGO 1 - 4

YA 54548 - 551

61°46'N 131°15'W



WATSON LAKE MINING DISTRICT

105-G-14

APRIL 1981

R. STROSHEIN

Work completed March 16 and 17, 1981

091774

TABLE OF CONTENTS

	<u>Page</u>
1. INTRODUCTION.....	one
2. LOCATION AND ACCESS.....	one
3. PERSONNEL.....	three
4. CLAIM OWNERSHIP.....	three
5. GEOLOGY.....	three
6. CONCLUSIONS AND RECOMMENDATIONS.....	six

APPENDIX I SUMMARY OF EXPENDITURES

APPENDIX II QUALIFICATIONS: R. STROSHEIN

LIST OF FIGURES

<u>Fig. No.</u>	<u>Page</u>
1. BINGO CLAIMS: LOCATION MAP.....	one
2. BINGO CLAIMS 1-4): LOCATION PLAN.	four
3. BINGO CLAIMS (1-4): LINE GRID LOCATION.....	five

1. INTRODUCTION:

The BINGO Claims were staked on April 4, 1980 and recorded in the Watson Lake Mining District on May 1, 1980.

The claims cover an area south adjacent the EAGLE Claims where galena sphalerite mineralization has been located in a shallow trench.

The showing occurs in siliceous bands and pods within a green quartz-chlorite-amphibole phyllite near an overlying section of graphite phyllite.

It was proposed to cut a line grid for reconnaissance EM and magnetic surveys on the claims.

Following the completion of the line cutting all lines were chained at twenty-five horizontal meter intervals using the secant chaining method for slope correction.

Total line cutting of 3.5 kilometers included 1.5 km. of base and tie lines and 2.0 km. of section line.

The EM max-min survey and magnetic surveys were not completed due to equipment breakdown.

The line cutting was carried out on March 16 & 17, 1981.

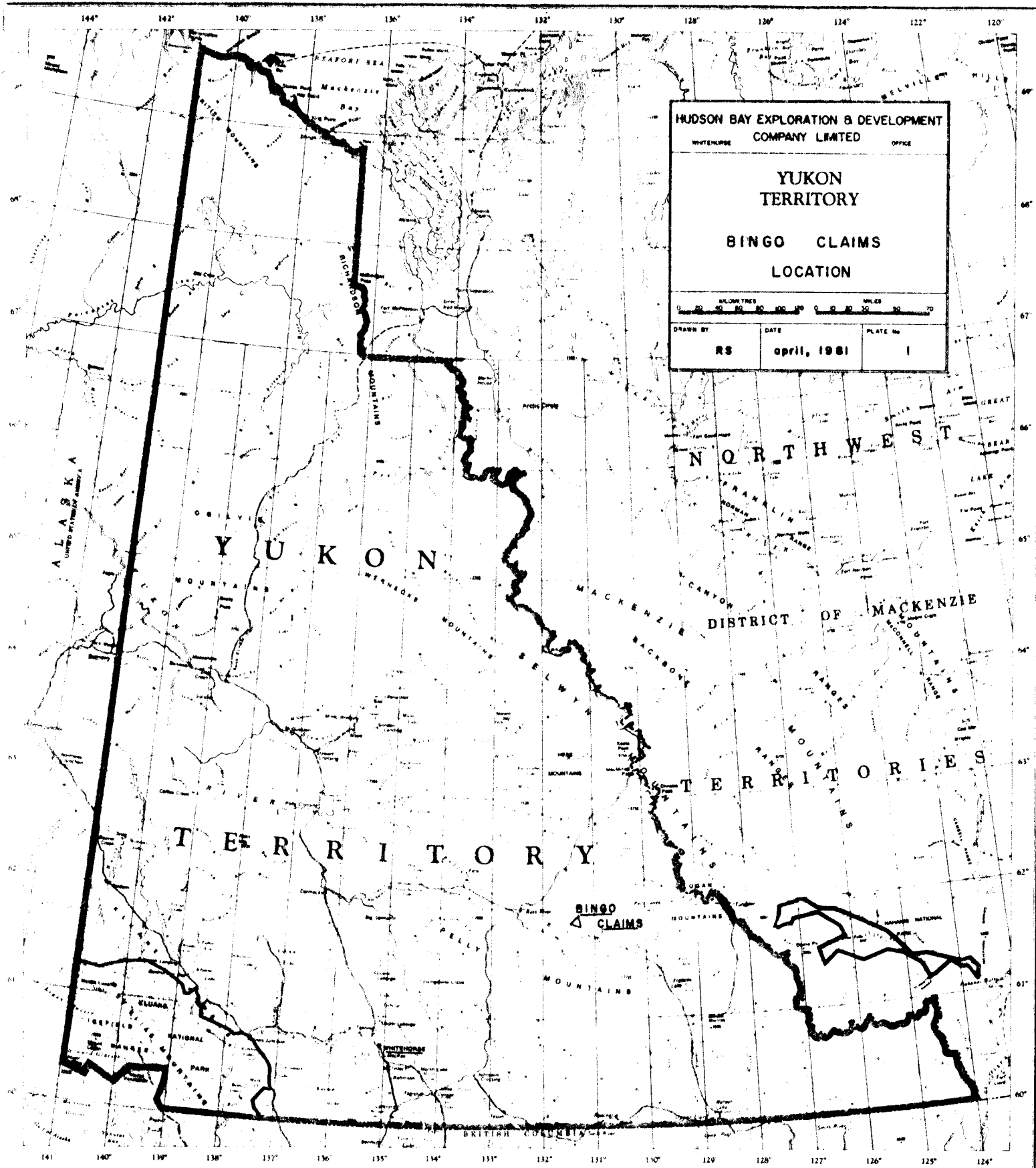
2. LOCATION AND ACCESS:

The BINGO Claims (1-4) are located in the Watson Lake Mining District on claim sheet 105G/14 approximately centered at $61^{\circ}16'N$ $131^{\circ}15'W$. The claims are 240 air kilometers north east of Whitehorse. See Figure 1.

Access to the claims is by 4 wheel drive winter road across the Pelly River. The road turns off the Robert Campbell Highway immediately west of the Big Campbell Creek bridge. The road passes within a mile of the claims, The claims are accessible by use of a small boat to cross the Pelly River in the summer months.

The claims are adjacent the south boundary of the EAGLE Claim group.

See figure 2.



HUDSON BAY EXPLORATION & DEVELOPMENT
COMPANY LIMITED

WHITEHORSE OFFICE

**YUKON
TERRITORY**

**BINGO CLAIMS
LOCATION**

0 20 40 60 80 100 KILOMETRES
0 10 20 30 40 50 60 70 MILES

DRAWN BY	DATE	PLATE No
RS	April, 1981	1

3. PERSONNEL:

The linecutting was completed by personnel employed by Voisine Holdings of Whitehorse. The work was contracted to Voisine Holdings at a rate of \$175.00 per kilometer by Hudson Bay Exploration and Development Company, Limited.

4. CLAIM OWNERSHIP:

The claims are owned by Hudson Bay Exploration and Development Company, Limited of Whitehorse, Yukon Territory and under the terms of an option agreement with Pelly Banks Syndicate.

See Figure 2.

5. GEOLOGY:

The geology underlying the claim group as indicated by the G. S. C. (Open File 486) consists of pale green muscovite-chlorite-quartz phyllite and medium green amphibole-chlorite phyllite of unknown age.

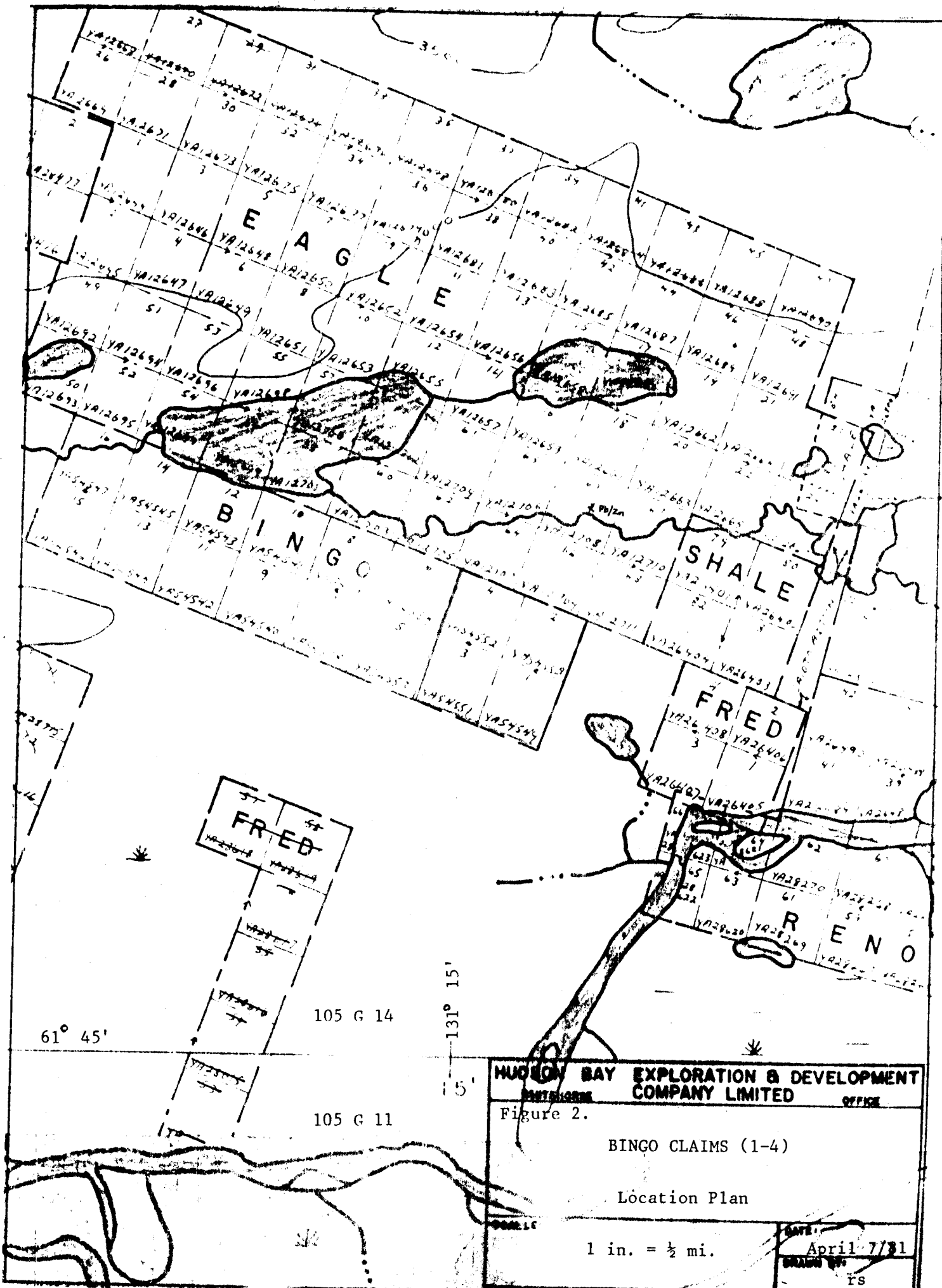
Outcrops in the area are restricted to creek and river banks along the Pelly River two miles to the east and in a shallow trench 1 kilometer north of the Eagle claims.

The outcrops indicate a structurally repeated sequence of light green quartz-chlorite-muscovite phyllite and black graphite-quartz phyllite.

Zinc lead mineralized float has been located along a creek two miles east of the claims on the SHALE claim group.

Outcrop exposed in the trench located on the EAGLE claims revealed galena sphalerite associated with siliceous sections of a quartz-chlorite amphibole phyllite. The mineralization occurs near the contact with overlying graphitic phyllite.

The geological setting is broadly similar to the Anvil district and the presence of galena sphalerite mineralization suggests excellent potential for occurrences of lead-zinc stratabound deposits.



EAGLE

BINGO

SHALE

FRED

RENO

61° 45'

105 G 14

105 G 11

131° 15'

MUSKOGEE BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED OFFICE

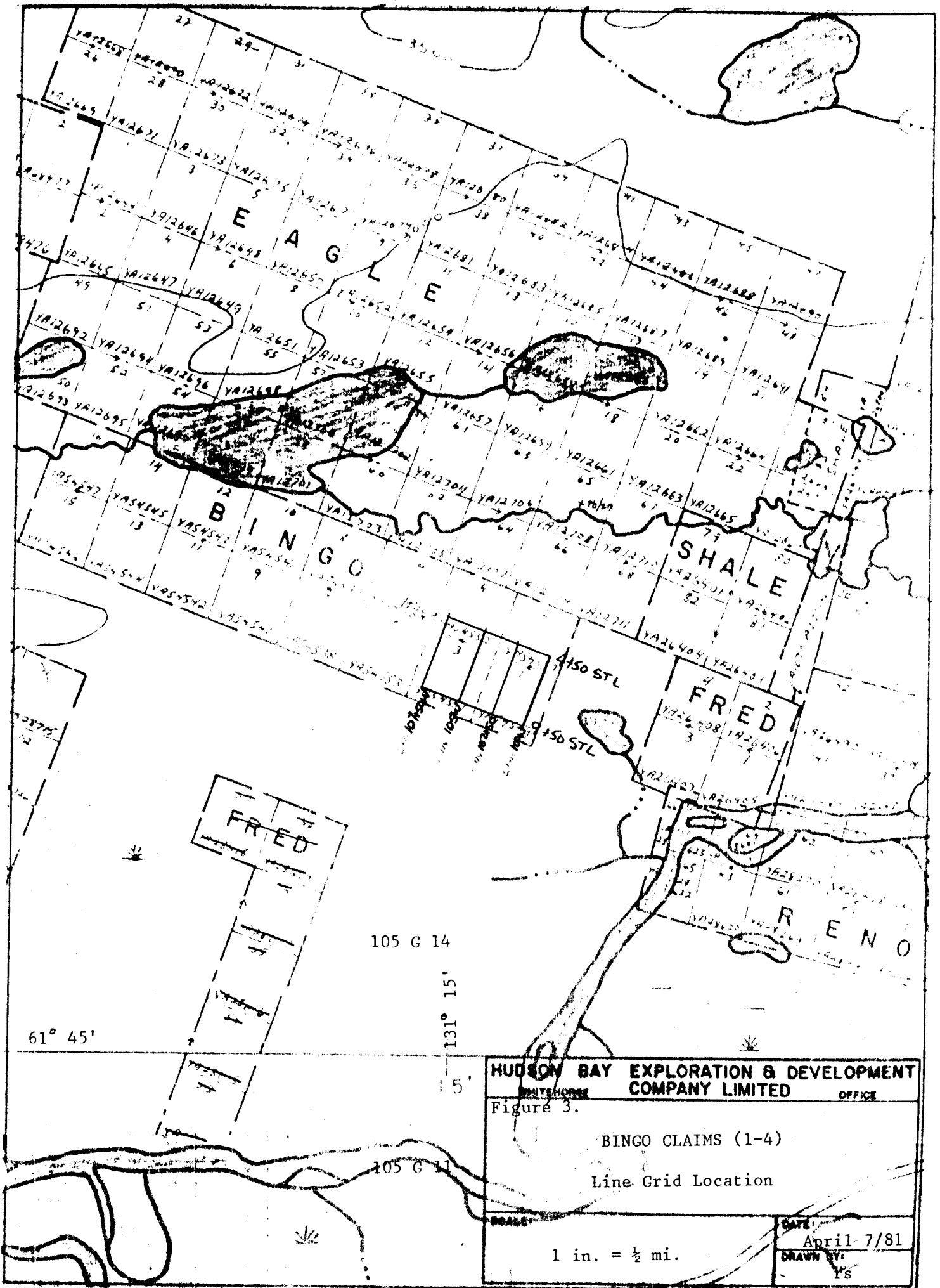
Figure 2.

BINGO CLAIMS (1-4)

Location Plan

1 in. = 1/2 mi.

DATE: April 7/81
DRAWN BY: [Signature]
RS



HUDSON BAY EXPLORATION & DEVELOPMENT
 COMPANY LIMITED OFFICE

Figure 3.

BINGO CLAIMS (1-4)

Line Grid Location

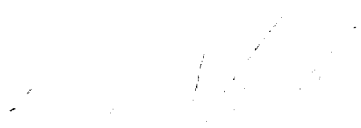
1 in. = 1/2 mi.

DATE: April 7/81
 DRAWN BY: YS

6. CONCLUSIONS AND RECOMMENDATIONS:

The claims outline an area potentially underlain by a favourable geological environment in the vicinity of a galena-sphalerite mineralized occurrence.

It is recommended to complete the reconnaissance EM and magnetic surveys at the earliest convenient time. It is further recommended to conduct surface soil sampling on the grid as overburden depths appear to be relatively shallow in the area.


Robert Stroshein
Project Supervisor.

APPENDIX I

SUMMARY OF EXPENDITURES

BINGO 1 - 4

LINECUTTING 3.5 km. @ 175\$/km. (as per invoice)	\$ 612.50
---	-----------

March 20 1981

M Hudson Bay Exploration & Development Co. Ltd.

100-10 Sussex Rd., Whitehorse, Yukon

In Account With Doit A Wainco Holdings

Box 4152,
Whitehorse, Yukon
Y1A 3S9

Terms/Conditions

	Per per August				
	Shale - Road Blind	1.6 Km			
	Big Claim	3.4 Km			
	Big Claim	3.5 Km			
	Total	35.5 Km			
	Total - 35.5 Km @ \$175/Km			\$6,212	50
	Per per agreement between Hudson Bay Exploration & Wainco Holdings dated March 2/81				
	Balance Due Total Paid			\$6,212	50

3 bank H...
W...
per per...
R...
Wainco

APPENDIX II

ROBERT W. STROSHEIN

ADDRESS: #303 - 504 Drury Street,
Whitehorse, Yukon Territory.
Y1A 1T4

EDUCATION: B. Sc. (Geological Engineering) from
University of Saskatchewan.
Graduated in 1973

EMPLOYMENT: 1973 - 1981 Hudson Bay Exploration and Development Co. Ltd.

Flin Flon Office 1973 - 1975
Drill Geolgist - field supervisor of diamond drill
projects Northern Manitoba and Saskatchewan.

Whitehorse Office 1975 - 1981
Project Geolgist - field supervisor of geological
mapping, geophysical, geochemical and prospecting
programs in the Yukon Territory.
Included report preparation and assessment.