

A Magnetometer Survey  
on the eastern part of the  
"ZZ" & "Will" claims  
of  
China Commercial Corporation Ltd  
situated  
11 km west of Kamloops  
in the  
Kamloops Mining Division  
N.T.S. 92-I/ 9(W)  
Lat: 50°40' N Long: 120°30' W

by

D.R. Morgan, P. Eng

Dates of survey: 25 February 1985-  
2 March 1985

Date of Report: 11 March 1985

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,524**

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Maps Accompanying this report:

Map #

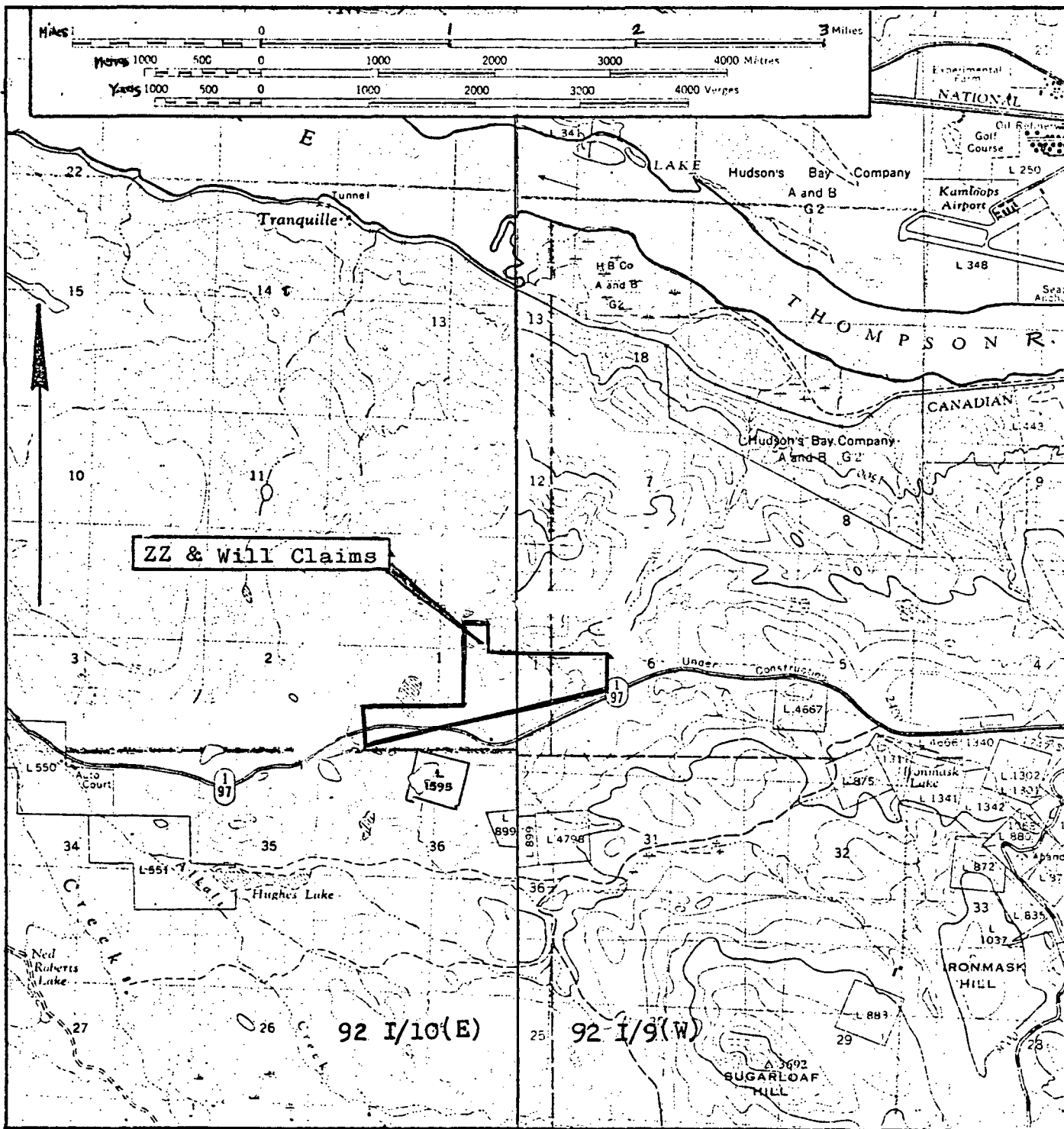
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1 - 0 SUMMARY: (Fact)

1. A detailed magnetometer survey of the eastern part of the ZZ and Will claims was carried out by the writer in the spring of 1985.
2. This part of the property was concentrated on because it is underlain by Nicola volcanics.
3. The purpose of the survey was to attempt to locate target areas for further exploration and possibly drilling.

2 - 0 CONCLUSIONS: (Opinion)

1. The most important magnetic feature revealed by the survey was a north-south trending set of low readings with high readings adjacent to the west in the northern part of ZZ 18 claim. Earlier mapping showed that there is a north-south fault in the vicinity of the gulley that lies about 100 m to the east of this area.
2. The remainder of the area surveyed did not appear to have significant magnetic features. Two readings in the S.W. corner of the surveyed area were discounted as they were obviously affected by the underlying oil pipeline.



CHINA COMMERCIAL CORPORATION LTD  
Property Location Map  
 for  
 ZZ & Will Claims  
 Scale: 1:50,000  
 Date: 11 March 1985  
 By: D.R. Morgan, P. Eng.



Map # 1

3 - 0 INTRODUCTION:

3 - 1 Scope & Dates of Report: On the 20th February 1985, the writer was asked by Mr. Andy Joe, President of China Commercial Corporation Ltd, 1201 Franklin Street, Vancouver, B.C., V6A 1L2, to carry out a magnetometer survey on the eastern part of the Company's ZZ claims in the Kamloops area. This survey was carried out by the writer between 25 February 1985 and 2 March 1985. The survey covered ZZ 5-8, and also covered ground to the north which is not now held by Company (Former claims ZZ 18,20)

3 - 2 Claims: The property is held jointly by China Commercial (75%) and Horseshoe Mines Ltd (25%), as follows:

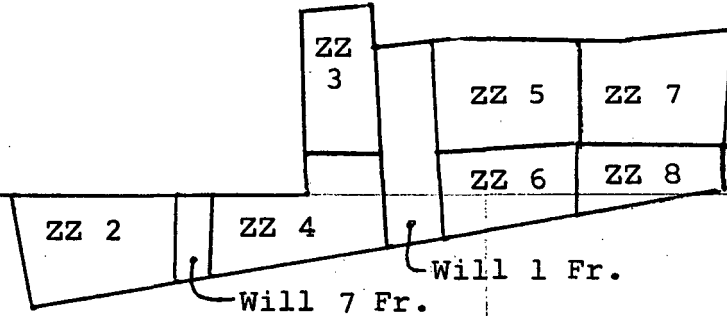
<u>Number</u>	<u>Name of Claims</u>	<u>Record Numbers</u>	<u>Years Applied</u>	<u>New C of W Due</u> *
7	ZZ 2 - 8	78062 - 78068	1 year each	21 March 1986
<u>2</u>	Will 1, 7	119464, - 470	" "	7 June 1986
<u>9</u>	<u>Claims</u>			

A Statement of Exploration & Development will be filed on 21 March based on the work described in this report. Acceptance of this work will put these claims in good standing as shown above. \*

4 - 0 LOCATION & ACCESS: The property is located 11 km west of Kamloops B.C. It is in the Kamloops Mining District, straddles NTS areas 92-I/10(E) and 92-I/9(W) and has a latitude of 50°40' N and a longitude of 120°30' W.

The ranchers holding the grazing rights on the property are Doug Bowers (374-1342) and Sam Strande (828-1084). The writer contacted them about the survey and met them on the property on Tuesday 26 February 1985. The property is easily accessible from the Trans Canada Highway which passes through it.

120°30' W



92 I/10(E)

92 I/9(W)

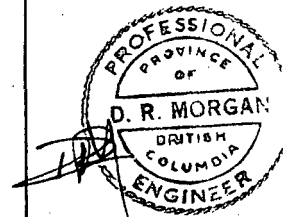
CHINA COMMERCIAL CORPORATION LTD

Claim Diagram  
of  
ZZ & Will Claims

Scale: 1" - 1500 ft (1:18 000)

Date: 11 March 1985

By: D.R. Morgan, P. Eng.



Map # 2

5 - 0 MAGNETOMETER SURVEY:

5 - 1 Instrument: The instrument used in this survey was a Sharpe Magnetometer, model # MF-1, serial # 609239, rented from Mark Management, 701-675 West Hastings Street, Vancouver, B.C. The instrument was supplied with fresh batteries and frequent battery checks during the survey showed excess battery capacity.

5 - 2 Procedure:

1. A base line was run north up the eastern margin of claims ZZ 7 & 8 for 2,400 feet and marked with laths. Cross lines were turned off at right angles and run west for 1700 feet, at 100 foot intervals.
2. At each station the time was noted to the nearest second, the vertical component of the magnetic intensity was measured when the instrument was level.
3. Initially, the Base Line "loop" was run starting at station 0 - N and taking readings along the base line at 100 foot intervals to 24 - N and then completing the loop by taking a reading back at 0 - N. The difference in the original and final readings at the base reading at 0 - N was then distributed among the other Base Line station readings proportional to their time of observation difference with the original reading.
4. Survey lines east and west of the Base Line were similarly run as loops, starting and finishing at a Base Line station and distributing the differences between the initial and final readings. In this way, all readings taken in the survey were corrected to the initial reading made at 0 - N.
5. These corrected readings were then plotted on the plan that accompanies this report (plan 3). These readings were then used to construct contours at 200 gamma intervals.
6. A total of 481 readings were taken along 15.670 km (9.7 miles) of line. Of these, 164 readings along 5.327 km (3.3 miles) are applicable to this survey.

6 - 0 STATEMENT OF COSTS:

I hereby certify that the following costs were incurred in carrying out a magnetometer survey on the eastern part of the ZZ & Will claims in the Kamloops area between 25 February and 2 March 1985 and in report preparation. Part of the survey covered ground not held by the Company and so only 34% (2 days field work) was included in these costs.

Geologist: (D.R. Mprgan)

Magnetometer Survey: 25 Feb-2 March (2 out of 6 days applicable)	
Travelling: (2 days)	
Drafting & report writing: (5 days)	
Total 9 days at \$350/day:	3,150.

Room & Board:

Motel:	105.93	
Meals & Food: 6.75/29.17/ 39.41/5.00	<u>80.33</u>	186.26

Transportation:

700 miles at 25¢/mile:		175.00
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Magnetometer Rental:

64.00

Miscellaneous: Batteries, laths etc:  
14.03/ 5.33

19.36

Printing & Xeroxing:

8.24/25.00/10.		<u>43.24</u>
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TOTAL EXPENSES:		<u>3,637.86</u>
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Signed,

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 David R. Morgan, Geologist, P. Eng.  
 Vancouver, B.C. 11 March 1985





7 - 0 STATEMENT OF QUALIFICATIONS:

I, David R. Morgan of 3424 West 6th Avenue, Vancouver, B.C., V6R 1T3, do hereby certify that:

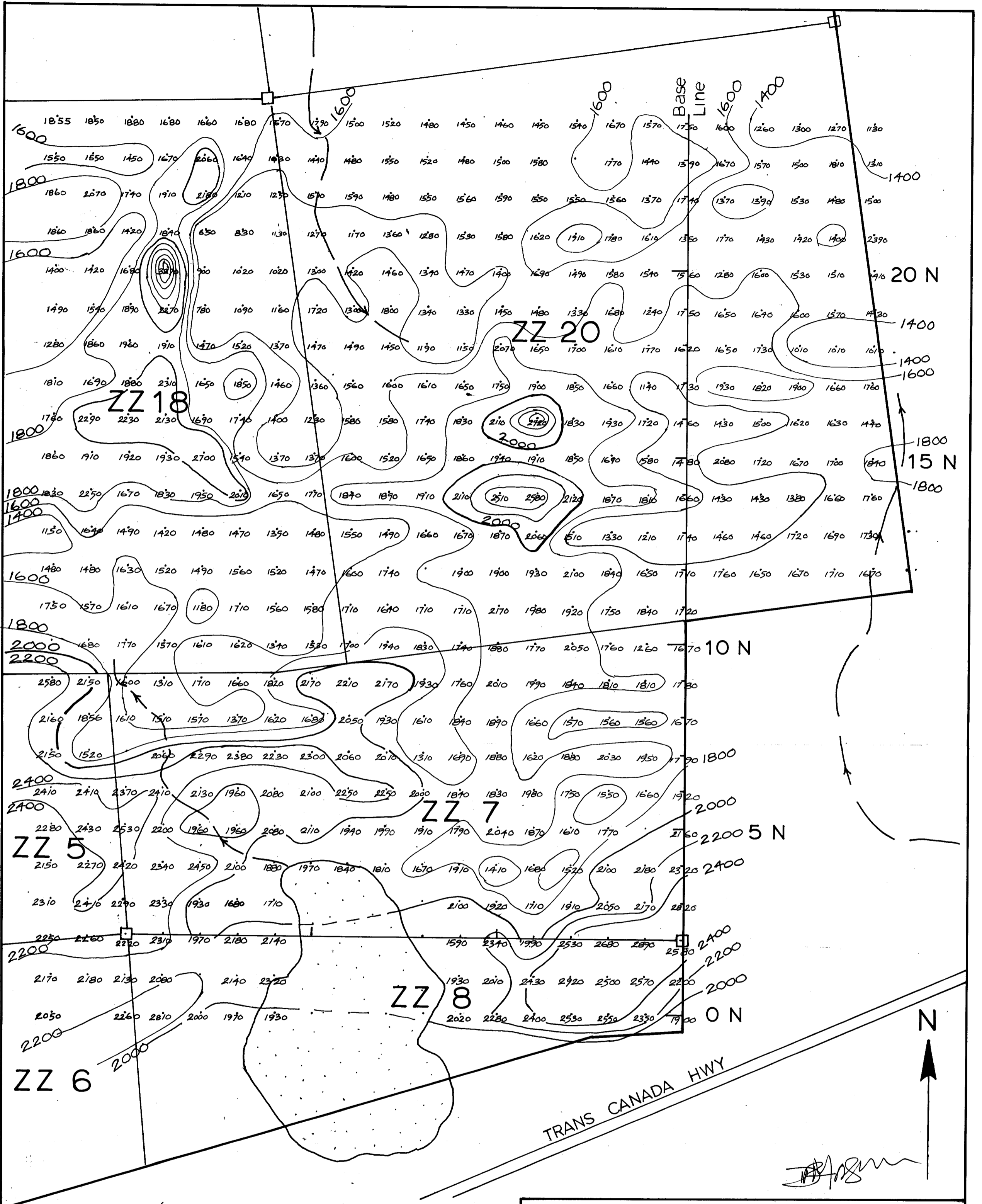
1. I am a 1954 Graduate of McGill University, Montreal with a B.Sc degree in Honours Geology.
2. I am a registered member, in good standing, of the Association of Professional Engineers of the Province of British Columbia.
3. I personally carried out the magnetometer survey on the ZZ claims as described in this report.

Signed,

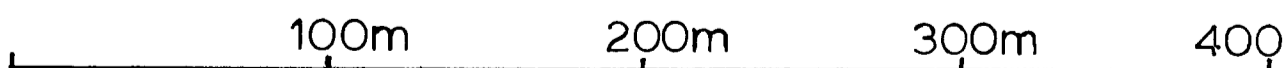


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David R. Morgan, Geologist, P. Eng





(Readings in gammas)



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

<p>CHINA COMMERCIAL CORPORATION LTD "ZZ" Claims, Kamloops M.D. 92 I/9(W)</p>	
<p>MAGNETOMETER SURVEY</p>	
<p>Scale: 1:24 00 Date: 11 March 1985 By: D.R. Morgan, P.Eng</p>	<p>Map 3</p>

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