

A Magnetometer Survey
on the central part of the
"ZZ" & "Will" claims
of

Owner/Operator: China Commercial Corporation Ltd
situated

11 km west of Kamloops
in the
Kamloops Mining Division

N.T.S. ~~92-I/10(E)~~
92-I/10(E)

Lat: 50°40' N Long: 120°30.8' W

by

D.R. Morgan, P. Eng

FILMED

Dates of Survey: 6 - 11 January, 1986

Date of Report: 15 January 1986

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,481

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Maps Accompanying this report:

Map #

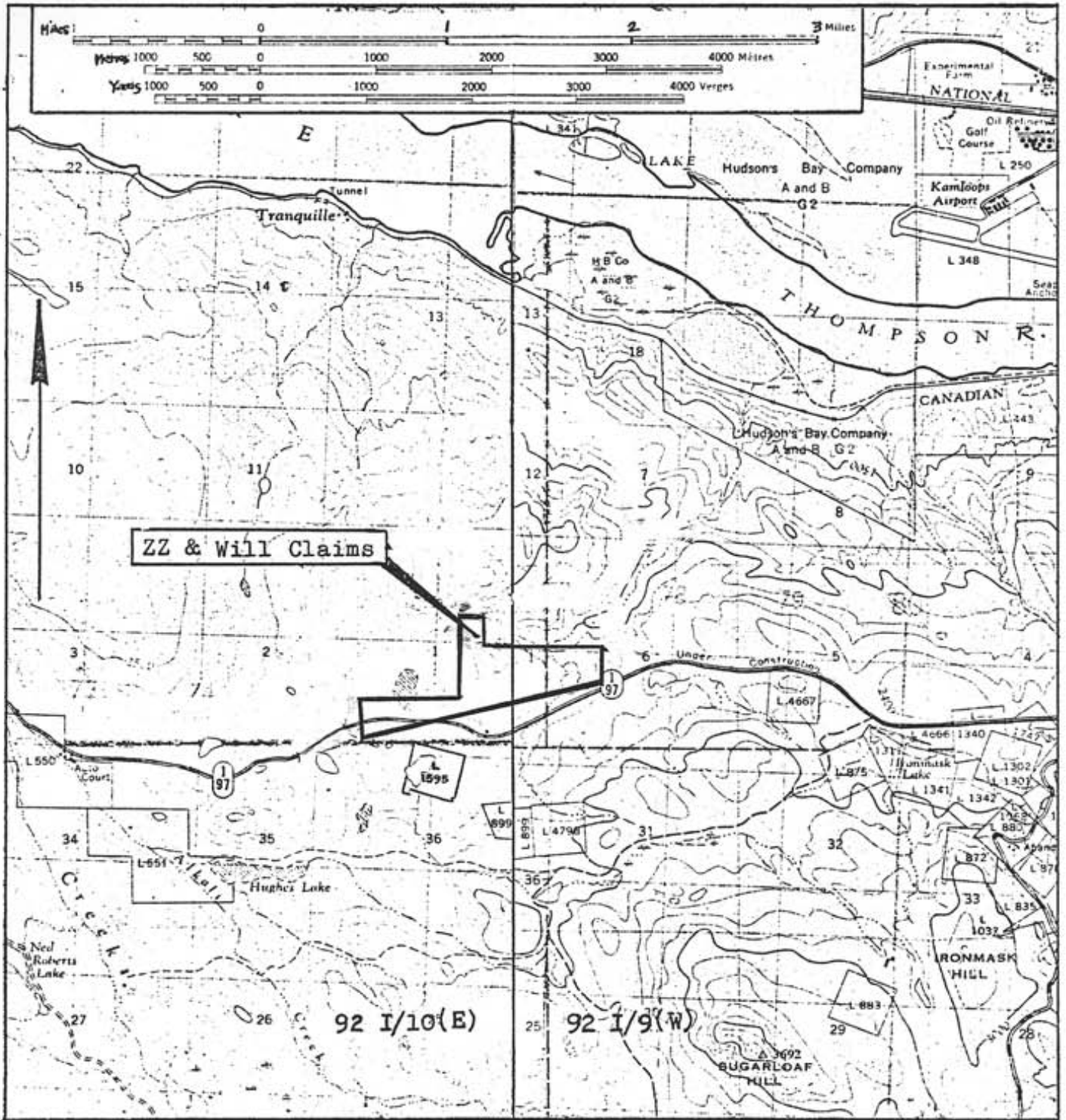
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1 - 0 SUMMARY: (Fact)

- 1. A detailed magnetometer survey of the central part of the ZZ and Will claims was carried out by the writer in January 1986.
- 2. This survey forms a continuation westward of a magnetometer survey carried out on the eastern part of the claims in 1985. The results of both of these surveys are presented on the map (# 3) accompanying this report.
- 3. The survey showed that the central part of the claims is an area of very little magnetic relief with most values concentrated between 1800 and 1900 gammas.

2 - 0 CONCLUSIONS: (Opinion)

- 1. The area of very low magnetic relief in the central part of the claims is interpreted as being underlain by the Kamloops group volcanics and sediments. The contact between these rocks and the Nicola volcanics appears to lie at the eastern margin of claims ZZ 5 and 6.



CHINA COMMERCIAL CORPORATION LTD
Property Location Map
 for
ZZ & Will Claims
Scale: 1:50,000
Date: 15 January 1986
By: D.R. Morgan, P. Eng.



Map # 1

3 - 0 INTRODUCTION:

3 - 1 Scope & Dates of Report: On the 30th December 1985 the writer was asked by Mr. Andy Joe, President of China Commercial Corporation Ltd, 512-119 West Pender Street, Vancouver, B.C., V6B 1S5, to carry out a magnetometer survey on the central part of the Company's ZZ claims in the Kamloops area. This survey was carried out by the writer between the 7th and the 10th of January 1986. The survey was carried out mainly on ZZ 3, 5 and 6 and also on Will 1 fraction and the northern tip of ZZ 4.

3 - 2 Claims: The property, jointly held by China Commercial (75%) and Horseshoe Mines Ltd (25%), is 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> *
2	ZZ 2, 4	78062, 78064	4 years	21 March 1990
1	Will 7 Fr.	119470	4 years	7 June "
5	ZZ 3,5,6,7,8	78063, 65 - 68	2 years	21 March 1988
1	Will 1 Fr.	119464	2 years	7 June "
<u>9 claims</u>				

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

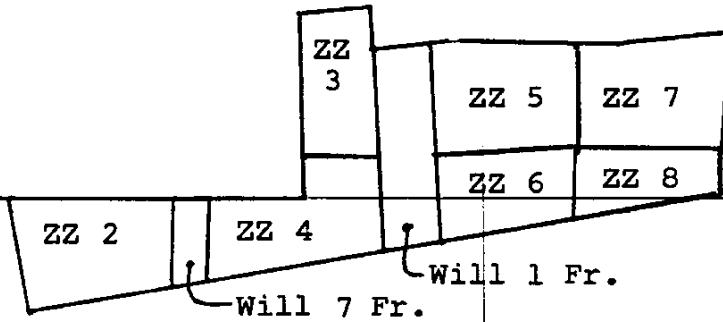
4 - 0 LOCATION & ACCESS: The property is located 11 km west of Kamloops, B.C. It is in the Kamloops Mining District, straddles NTS areas 92-I/10(E) and 92-I/9(W) and has a latitude of 50°40' N and a longitude of 120°30' W.

The ranchers holding the grazing rights on the property are Doug Bowyers (374-1342) and Sam Strande (828-1084). The writer contacted Sam Strandes regarding this survey on the 6th January 1986.

The property is easily accessible from the Trans Canada Highway which transects the property.

120°30' W

50°40' N



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: 15 January 1986

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

Map # 2

5 - 0 MAGNETOMETER SURVEY:

5 - 1 Instrument: The instrument used in the survey was a Sharpe Magnetometer, model # MF-1, serial # 609239, rented from Mark Management, 701-675 West Hastings Street, Vancouver, B.C. Frequent battery checks were made during the course of the survey and excess battery capacity was always indicated.

5 - 2 Procedure:

1. A base line was run for 2,400 feet west from a point 200 feet south of the # 1 posts of ZZ # 7 & 8. This base line coincided with line "0 - N", "1500 W" in the survey carried out in 1985. Cross lines were turned off at right angles to this base line and run 800 feet north and south, for various distances to the property boundary. These lines were turned off at 100 foot intervals and the stations along these lines were also at 100' intervals.
2. Initially, a reading was taken at 0 - N, 0 - W which was the base station for last year's survey, then 8 minutes later a reading was taken at 0 - N, 39 - W at the west end of the new base line. The base line "loop" was then run eastwards with readings being taken at 100 foot intervals to 0 - N, 15 - W, and then completing the loop by taking a reading back at 0 - N, 39 - W. The reading at 0 - N, 39 - W was corrected to the base value for 0 - N, 0 - W, then the difference between the original and final readings at 39 - W was distributed among the other base line station readings proportional to their time of observation.
3. Survey lines north and south of the base line were run similarly as loops and corrected in the same way.
4. 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.
5. At each station the vertical component of the magnetic intensity was measured with the levelled instrument and the time noted.
6. A total of 314 readings were taken along 9.175 km of line (5.7 miles or 30,100 feet).

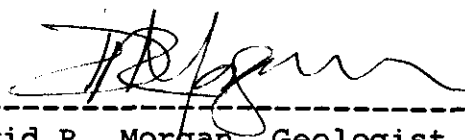
6 - 0 STATEMENT OF COSTS:

I hereby certify that the following costs were incurred in carrying out a magnetometer survey on the central part of the ZZ & Will claims in the Kamloops area between the 7th and 10th of January 1986, and in report preparation.

Geologist: (D.R. Morgan)

Magnetometer Survey: 7 - 10 January, 1986 (4 days)		
Drafting & report writing: (4 days)		
Travelling: (2 days)		
Total, 10 days at \$350/day:		3,500.
<u>Room & Board:</u>		
Motel:	115.59	
Meals & food:	<u>62.30</u>	177.89
<u>Transportation:</u>		
700 miles at 25¢/mile:		175.
<u>Magnetometer Rental:</u>		
		64.
<u>Miscellaneous:</u>		
Laths, ribbon, toposil		20.
<u>Printing & Xeroxing:</u>		
		<u>40.</u>
<u>TOTAL EXPENSES:</u>		<u>3,976.89</u>

Signed,



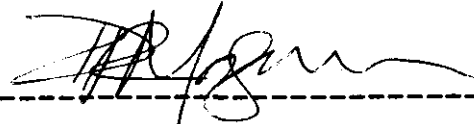
 David R. Morgan, Geologist, P. Eng.
 Vancouver, B.C. 15 January 1986

7 - 0 STATEMENT OF QUALIFICATIONS:

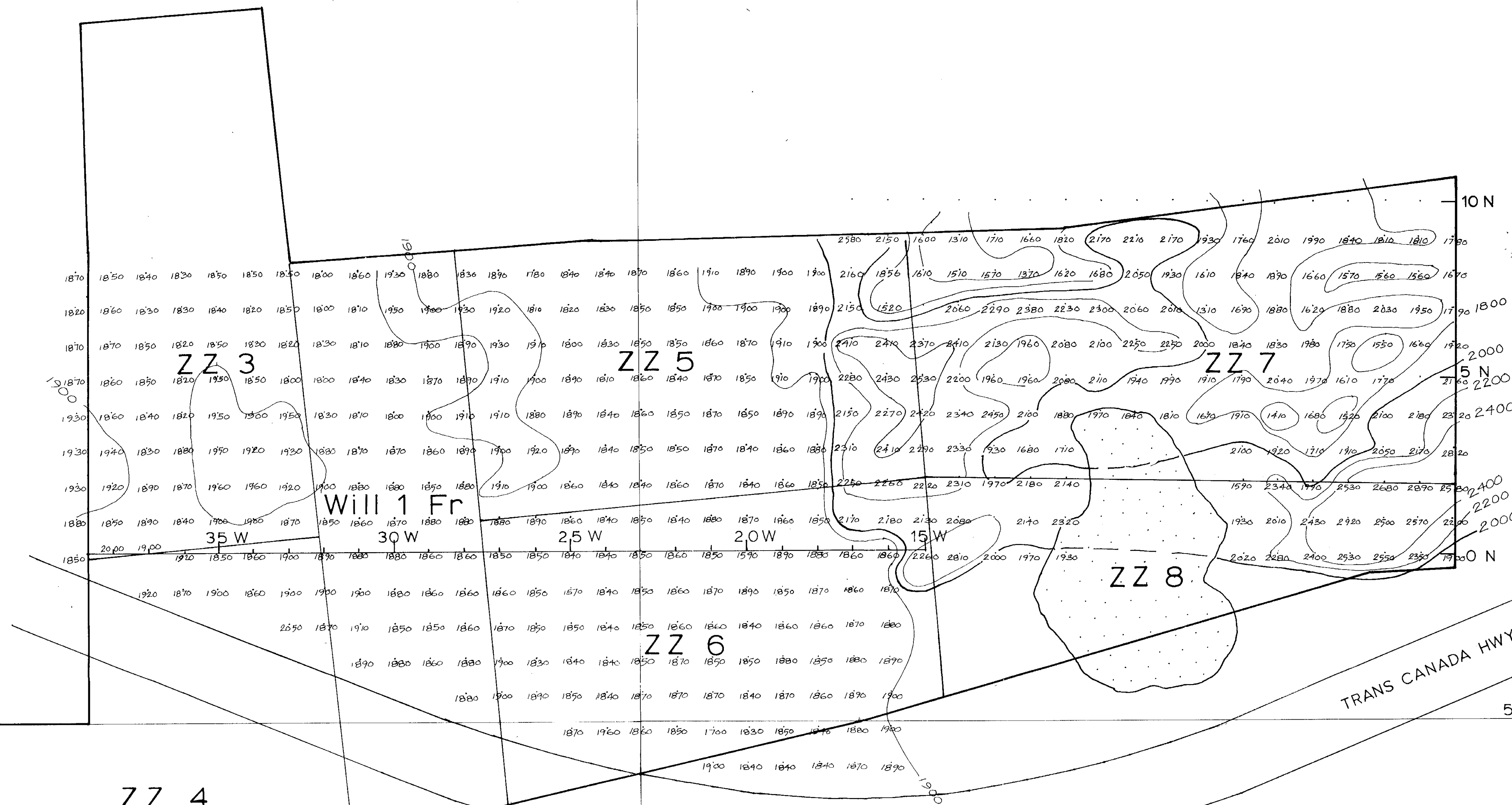
I, David R. Morgan of 3424 West 6th Avenue, Vancouver, B.C., V6R 1T3, do hereby certify that:

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,



David R. Morgan, Geologist, P. Eng
Vancouver, B.C. 15 January 1986



ZZ 2

Will
7 Fr

ZZ 4

Will 1 Fr

35 W

30 W

25 W

20 W

15 W

ZZ 6

ZZ 8

ZZ 3

ZZ 5

ZZ 7

TRANS CANADA HWY

50°40' N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

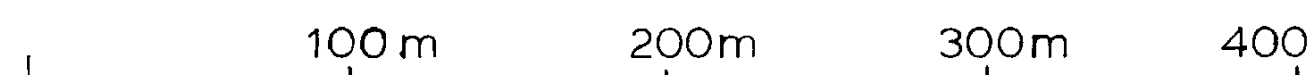
14,481

CHINA COMMERCIAL
CORPORATION LTD
"ZZ" Claims, Kamloops M.D. 92I/9(W)
MAGNETOMETER SURVEY

Scale: 1:2400
Date: 15 January 1986
By: D.R. Morgan, P Eng

Map 3

All readings in gamma



120°30' W

J. Morgan