

265

REPORT ON GEOPHYSICAL SURVEY

of

DUNMORE MINES LTD.

GROUP OF FIFTY MINERAL CLAIMS

MEADOW CREEK AREA

KAMLOOPS AND NICOLA MINING DIVISIONS

by

Hill, Starck & Associates

TABLE OF CONTENTS

	<u>Pages</u>
<u>Section I</u>	
Report on Geophysical Survey Dunmore Mines Ltd. Group	1 & 2
<u>Section II</u>	
Statement of Expenditures for Geophysical Survey	1, 2, 3
List of Maps and Diagrams:	
1. Isomagnetic Contour Map Dunmore Claims, Vanex Minerals Ltd.	Back Cover Pocket

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## REPORT ON GEOPHYSICAL SURVEY

of

DUNMORE MINES, LTD. GROUP

OF FIFTY MINERAL CLAIMS,

IN THE KAMLOOPS AND NICOLA MINING DIVISION

Under our supervision a magnetometer survey was completed, during the period from June 27th to October 21st, 1958, on the 50 claim group of the Dunmore Mines Ltd. This group is situated south and west of Homfray Lake in the Meadow Creek area of the Kamloops and Nicola Mining Divisions.

The group is registered in the name of Dunmore Mines Ltd., with George F. Moore, Tom Moore and John Henry Dunn as co-owners.

The instrument used during the survey was a Sharpe No. 3 magnetometer. The maximum sensitivity of this instrument is 50 gammas per degree using the null method, so the normal corrections, using a magnetic balance, were not applied.

Readings were taken at intervals of 300 feet on a grid plan covering the entire group as listed below in the required groupings:

		<u>Number of Claims</u>
1. Copper Hill	1, 2, 3, 4	
Dunmore	1, 2, 10, 12	8
2. Juliana	1, 2, 3, 4, 5, 6,	
	7, 8	8
3. Arline	1, 2, 3, 4, 5, 6,	
	7, 8	8
4. Dunmore	16, 17, 18, 19, 20,	
	21, 22, 23	8

Required grouping - Continued from page 1

		<u>Number of Claims</u>
5. Dunmore	5, 6	2
6. Dunmore	7, 8, 9, 11, 13 14, 15	7
7. Copper Princess Dunmore	1, 2, 3, 4, 5 3, 4	7
8. Copper King Fr.	1, 2	<u>2</u>
		<u>50</u>

A 300 foot grid was established from a north-south Brunton base line, and from this line 300 foot grid stations were laid out along east-west lines by Brunton and tape.

A background of 27,400 was taken as the highest value that could be extracted and leave all readings positive. The readings, as shown on the accompanying map (rear pocket), are the difference between the actual readings on the instrument and the background count. The readings have been contoured to indicate any possible anomalous areas.

Morning and evening readings were taken at camp to guard against erratic readings due to magnetic storms on the sun. No abnormal variations of this nature were observed.

RESULTS

No significant anomalies were encountered within the Dunmore Mines claim block other than an isolated high of 4,221 gammas above background, which was recorded in Dunmore No. 19. This reading is believed to be the result of topography.

Hill, Starck & Associates

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Henry L. Hill

STATEMENT OF EXPENDITURES

for

GEOPHYSICAL SURVEY OF DUNMORE MINES LTD.

ON A GROUP OF FIFTY MINERAL CLAIMS

KAMLOOPS AND NICOLA MINING DIVISIONS

During the period June to December 1958 a geophysical survey was completed on the following mineral claims, with expenditures apportioned as per the following statements:

1. COPPERHILL 1, 2, 3, 4 and DUNMORE 1, 2, 10, 12  
(Kamloops M.D.)

Supervision - Henry L. Hill & Associates

H. L. Hill - 1 day @ \$75.00	
L. P. Starck - 1 day @ <u>75.00</u>	\$150.00

S. McBeath)	
D. Hardy )	
T. Lyle ) 12 days @ \$60.00	<u>720.00</u>
L. Hill )	
R. Burgess)	\$870.00

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2. JULIANA 1, 2, 3, 4, 5, 6, 7, 8 (Nicola M.D.)

Supervision - Henry L. Hill & Associates

H. L. Hill - 1 day @ \$75.00	
L. P. Starck - 1 day @ <u>\$75.00</u>	\$150.00

S. McBeath)	
D. Hardy )	
T. Lyle ) 12 days @ \$60.00	<u>720.00</u>
L. Hill )	
R. Burgess)	\$870.00

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3. ARLINE 1, 2, 3, 4, 5, 6, 7, 8

Supervision - Henry L. Hill & Associates

H. L. Hill - 1 day @ \$75.00	
L. P. Starck - 1 day @ <u>\$75.00</u>	\$150.00

S. McBeath)	
D. Hardy )	
T. Lyle ) 12 days @ \$60.00	<u>720.00</u>
L. Hill )	
R. Burgess)	\$870.00

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4. DUNMORE 16 to 23 inclusive

Supervision - Henry L. Hill & Associates

H. L. Hill - 1 day @ \$75.00  
L. P. Starck - 1 day @ \$75.00 \$150.00

S. McBeath)  
D. Hardy )  
T. Lyle ) 12 days @ \$60.00 720.00  
L. Hill )  
R. Burgess) \$870.00

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5. DUNMORE 7, 8, 9, 11, 13, 14, 15

Supervision - Henry L. Hill & Associates

H. L. Hill - 1 day @ \$75.00  
L. P. Starck - 1 day @ \$75.00 \$150.00

S. McBeath)  
D. Hardy )  
T. Lyle ) 10 days @ \$60.00 600.00  
L. Hill )  
R. Burgess) \$750.00

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6. COPPER PRINCESS 1, 2, 3, 4, 5, and COPPER KING FR. 1 & 2

Supervision - Henry L. Hill & Associates

H. L. Hill - 1 day @ \$75.00  
L. P. Starck - 1 day @ \$75.00 \$150.00

S. McBeath)  
D. Hardy )  
T. Lyle ) 10 days @ \$60.00 600.00  
L. Hill )  
R. Burgess) \$750.00

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7. DUNMORE 3 & 4, and DUNMORE 5 & 6

Supervision - Henry L. Hill & Associates

H. L. Hill - 1 day @ \$75.00  
L. P. Starck - 1 day @ \$75.00 \$150.00

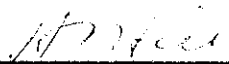
S. McBeath)  
D. Hardy )  
T. Lyle ) 5½ days @ \$60.00 330.00  
L. Hill )  
R. Burgess) \$480.00

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Total expenditures on this group of fifty claims, as a result of the magnetometer survey, amounts to . . . . \$5,460.00

I hereby certify this report to be a true statement of the expenditures on these mineral claims.

HILL, STARCK & ASSOCIATES

  
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Henry L. Hill

HLH/mjr

VANEX MINERALS LTD.

DUNMORE CLAIMS

MEADOW CREEK AREA

ISOMAGNETIC CONTOUR MAP

CONTOUR INTERVAL 500 GAMMAS

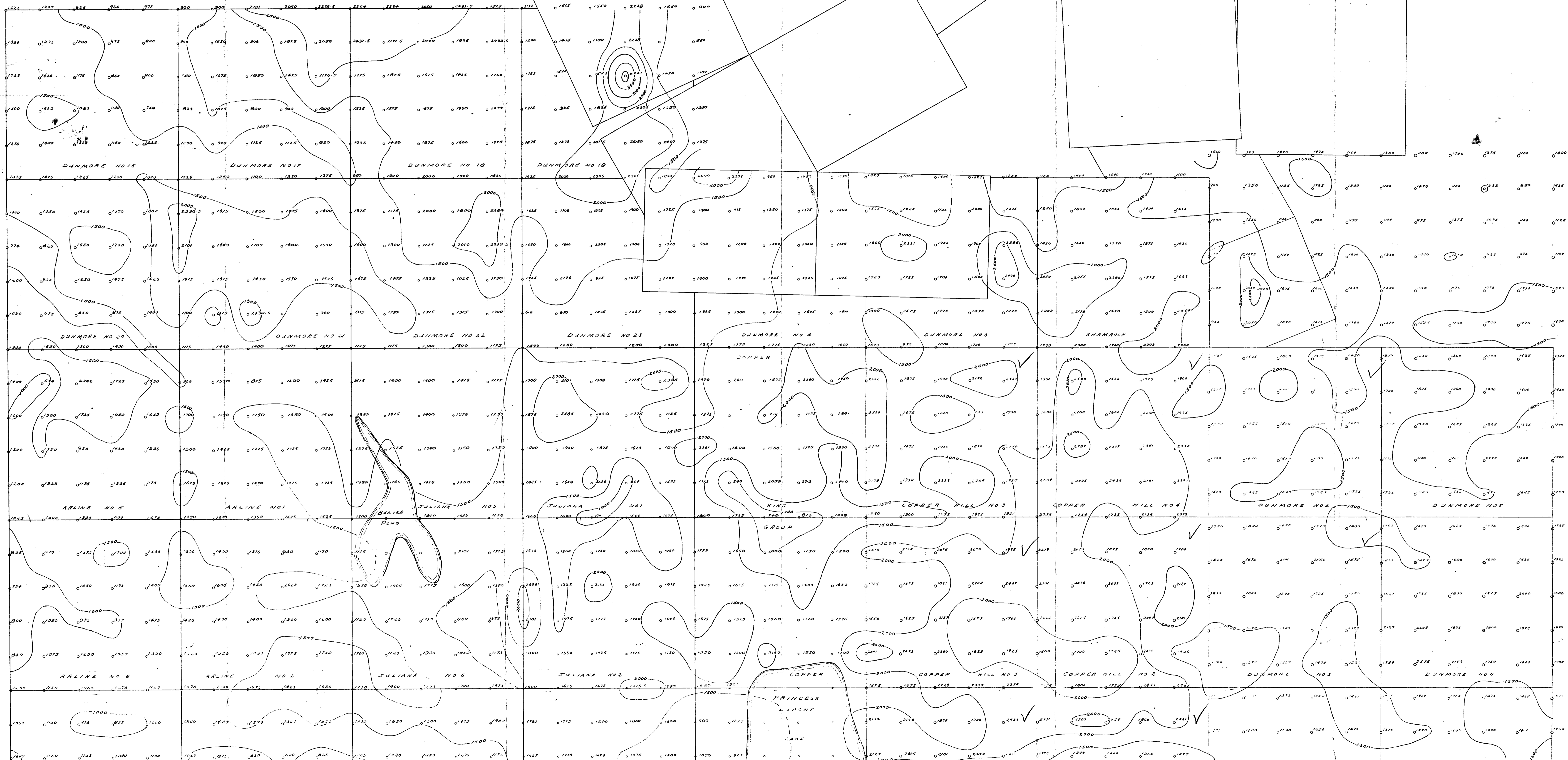
SCALE: 1" = 300'

DATE: OCTOBER, 1958

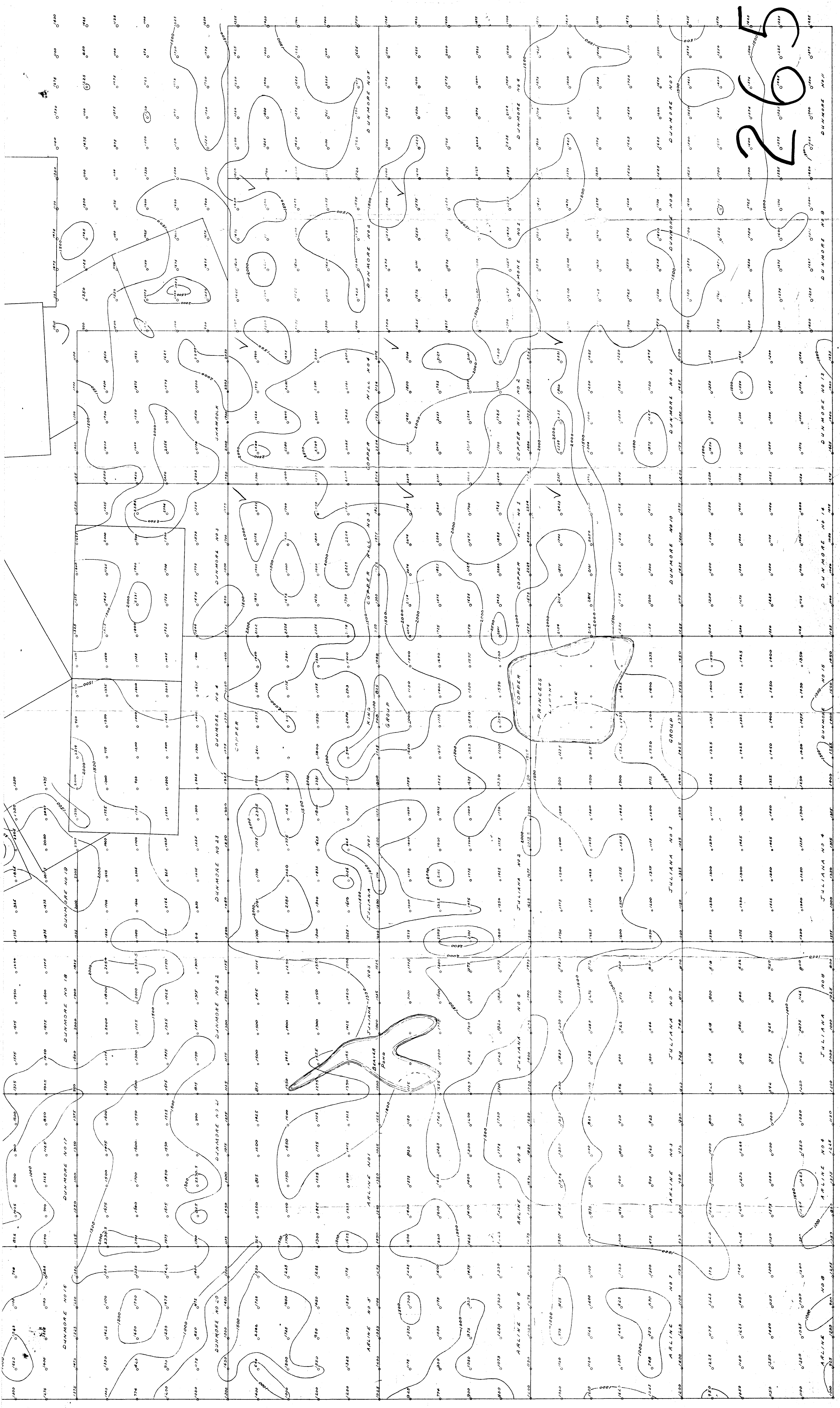
DRAWN BY: *W. H. G. Galt*

*M.H.*

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 265 MAP #1







265