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R E P O R T

covering

GEOPHYSICAL AND PHYSICAL WORK DONE ON 71 CLAIMS

of

THE VANEX HOLDINGS

MEADOW CREEK AREA
KAMLOOPS M.D

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Creek Area, Kamloops 4, 5

List of Maps (in pocket of back cover)

1. Geophysical contour map, Vanex Minerals Ltd., Meadow Creek Area - East Sheet.
2. Geophysical Contour map, Vanex Minerals Ltd., Meadow Creek Area - West Sheet.
3. Claim map, Vanex Minerals Ltd., Meadow Creek Holdings, showing claim grouping.

REPORT COVERING GEOPHYSICAL AND
PHYSICAL WORK ON CERTAIN SPECIFIED
GROUPS OF CLAIMS IN THE VANEX
HOLDINGS - MEADOW CREEK AREA,
KAMLOOPS MINING DIVISION.

Geophysical work and physical work involving access roads was performed under our supervision during the necessary yearly periods, covering the following claim blocks:

	<u>Group No.</u>
1. Homesteacke Group	I
2. Vanex	II
3. Vanex	III
4. Pogo Fraction	IV
5. Vanex	V
6. Roy	VI
7. Don-Lee	IX
8. Roy-Twilight	X
9. Twilight, Mark Fraction	XII
10. Don-Lee	XIII
11. Sunshine 13, 14	XIV
12. Dupont 15, 17, 18	XV

Claims, as signified above, are indicated on the accompanying Vanex Minerals Ltd. "Meadow Creek Holding" - 1" = 1500' map. On the same map the area covered by geophysical survey has been outlined by a colored line and hatching.

GEOPHYSICAL WORK

Geophysical work has been done specifically on the following claims:

	<u>Group No.</u>	<u>No. of Claims</u>
Sunshine 13, 14	XV	2
Homesteacke 1 to 6 incl.	I	6
Pogo Fr. #6, #5	IV	2
Vanex 1, 2, & 7 to 12 incl.	V	8
Roy 1 to 4 incl. Vanex 3 & 4, Pogo Fr. 3 & 4	VI	8
Don 1, 2 and Lee 1, 2	IX	4
Twilight 1, 2, Pogo 1, 2, Roy 5, 6, Mable 1 Fr. Vanex 27	X	8
Dupont 17, 18	XIV	2
		<u>40</u>

The geophysical survey was carried out under our supervision during the period June 27th to October 21st, 1958 on the above claims. All the above claims are part of the Vanex Minerals, Ltd. (N.P.L.) holdings in the Meadow Creek Area, Kamloops division.

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 correction, using a magnetic balance, was not applied. Readings were taken at intervals of 300 feet on a grid plan covering the area outlined on the map. The grid was established from a transit surveyed base line and, from this line, 300 foot grid stations were laid out along east-west lines by Brunton compass 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, 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 OF MAGNETOMETER SURVEY

No significant anomalies were obtained in the claims under consideration other than those indicated around the boundary of Hilda M.C. 1 and spreading from there out into Pogo M.C. Fr. 1, Roy 3, Roy 5 and Vanex 3. This anomalous area is outlined on the accompanying Meadow Creek Claim map which illustrates the claim blocks by a broken line enclosing it. This anomalous area is one of prime importance and drilling has been recommended at specific points within it. Detailed geophysical work will also be considered over it.

PHYSICAL WORK - Access Roads

Access road work has been accomplished as shown on the key map illustrating the claim blocks. The roads start at the camp on Homestake M.C., and run up to Homfray Lake where forks were made northward to the anomalous areas in Hilda M.C. 1, westward to the west boundary of Sunshine #4 (now Sun #4) and southwestward through Mark #2, Fraction and Moonlight M.C.s 1 and 2. Another road forks from the western end of the road following the southern shore of Homfray Lake towards the Dupont Groups of claims. A separate road starts from the Vanex 10 and runs westwards into the Don-Lee groups of claims.

The separate road named above, plus sections of the southern roads running from the east end of Homfray Lake to the west end, and from Anne No. 2 to Hilda No. 1, entail about three and one quarter miles of road work. It is proposed that this amount of work will more than cover the assessment work on the following claims:

	<u>Group No.</u>	<u>Number of Claims.</u>
1. Vanex, 13 to 18 incl.	II	6
2. Vanex, 19 to 22 incl.	III	4
3. Pogo Fr. 6 , 7, 8 & Twilight 3	IV	3
4. Don 3, 4 and Lee 3, 4	IX	4
5. Don 5 to 8 incl. and Lee 5 to 8 incl.	XIII	8
6. Dupont 15	XIV	1
7. Mark 1, 2, Moonlight 1, 2 and Twilight 4	XII	<u>5</u>
		31

HILL, STARCK & ASSOCIATES

Henry L. Hill

 Henry L. Hill

MLH/mjr

STATEMENT OF EXPENDITURES

covering

GEOPHYSICAL AND PHYSICAL WORK

on

VANEX HOLDINGS, MEADOW CREEK AREA
KAMLOOPS M. D.

Geophysical survey expenditures, according to claim blocks,
are as follows:

1. HOMESTEAKE 1, 2, 3, 4, 5, 6, (I) - 6 claims		
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) 8 days @ \$60.00		<u>480.00</u>
L. Hill)		
R. Doerges)		\$630.00
		<hr/>
2. POGO FRACTIONS 5, 6 (IV) - 2 claims		
Supervision - Henry L. Hill & Associates		
H. L. Hill - 1 day @ \$75.00		\$ 75.00
S. McBeath)		
D. Hardy)		
T. Lyle) 2 days @ \$60.00		<u>120.00</u>
L. Hill)		
R. Doerges)		\$195.00
		<hr/>
3. VANEX 1, 2, 7, 8, 9, 10, 11, 12 (V) - 8 claims		
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		<u>720.00</u>
L. Hill)		
R. Doerges)		\$870.00
		<hr/>

- 2 -

4. VANEX 3, 4; ROY 1, 2, 3, 4; POGO Fr. 3, 4. (VI) - 8 claims

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	<u>720.00</u>
L. Hill)		
R. Doerges)		\$870.00

5. DON 1, 2 and LEE 1, 2 (IX) - 4 claims

Supervision - Henry L. Hill & Associates

H. L. Hill	- 1 day @ \$75.00	\$ 75.00
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S. McBeath)		
D. Hardy)		
T. Lyle)	6 days @ \$60.00	<u>360.00</u>
L. Hill)		
R. Doerges)		\$435.00

6. ROY 5, 6; TWILIGHT 1, 2; VANEX 27,
POGO FR. 1, 2; MABLE FR. 1 (X) - 8 claims

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	<u>720.00</u>
L. Hill)		
R. Doerges)		\$870.00

7. DUPONT 17 & 18 (XIV) - 2 claims

Supervision - Henry L. Hill & Associates

H. L. Hill	- 1 day @ \$75.00	\$ 75.00
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S. McBeath)		
D. Hardy)		
T. Lyle)	3 days @ \$60.00	<u>180.00</u>
L. Hill)		
R. Doerges)		\$255.00

8. SUNSHINE 13 and 14 (XV) - 2 claims

Supervision - Henry L. Hill & Associates		
H. L. Hill	- 1 day @ \$75.00	\$ 75.00
S. McBeath)		
D. Hardy)		
T. Lyle)	3 days @ \$60.00	<u>180.00</u>
L. Hill)		
R. Doerges)		\$255.00

Total expenditure on geophysical surveying of 44 claims - \$4,380.00

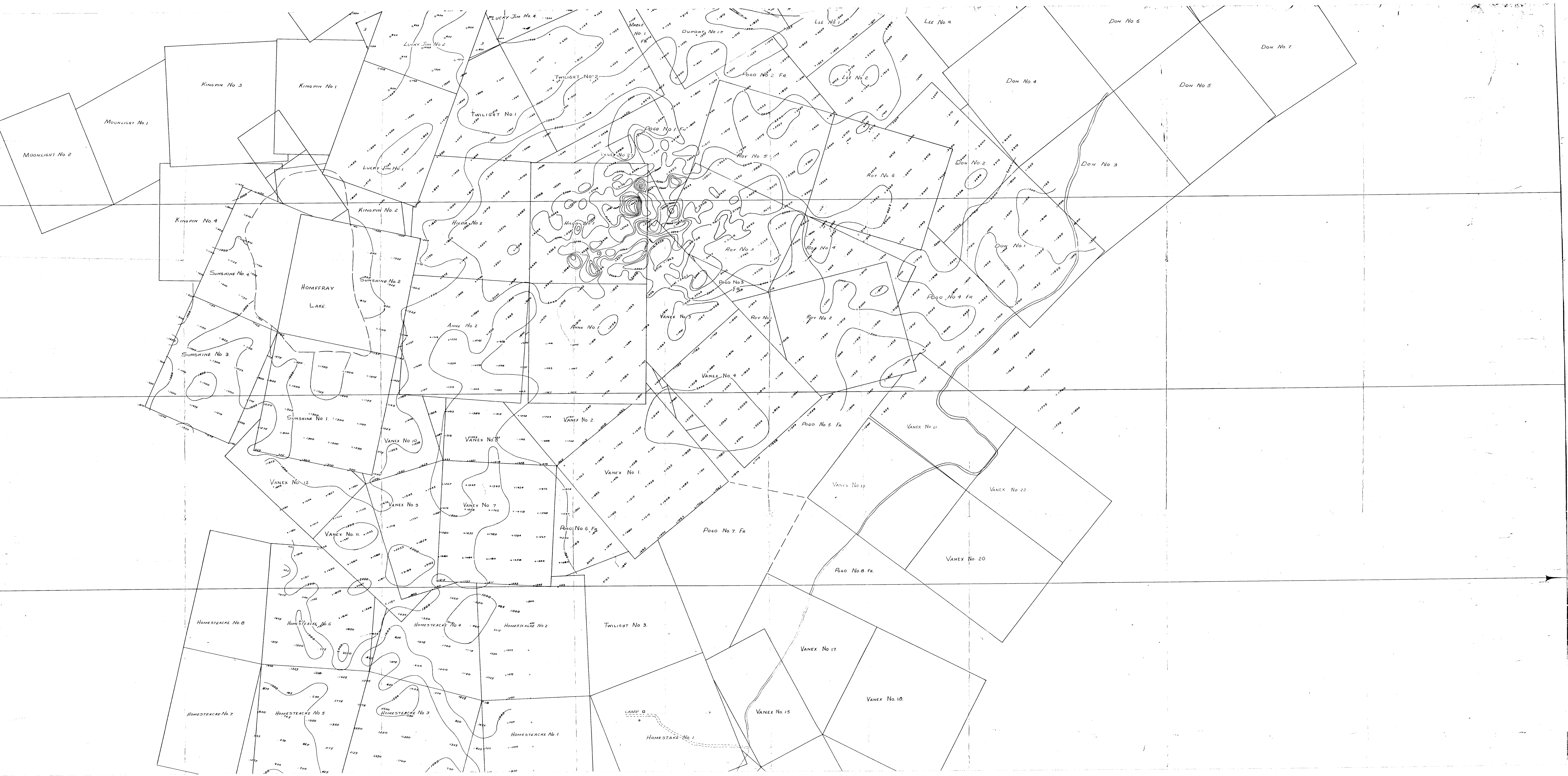
EXPENDITURES ON PHYSICAL WORK

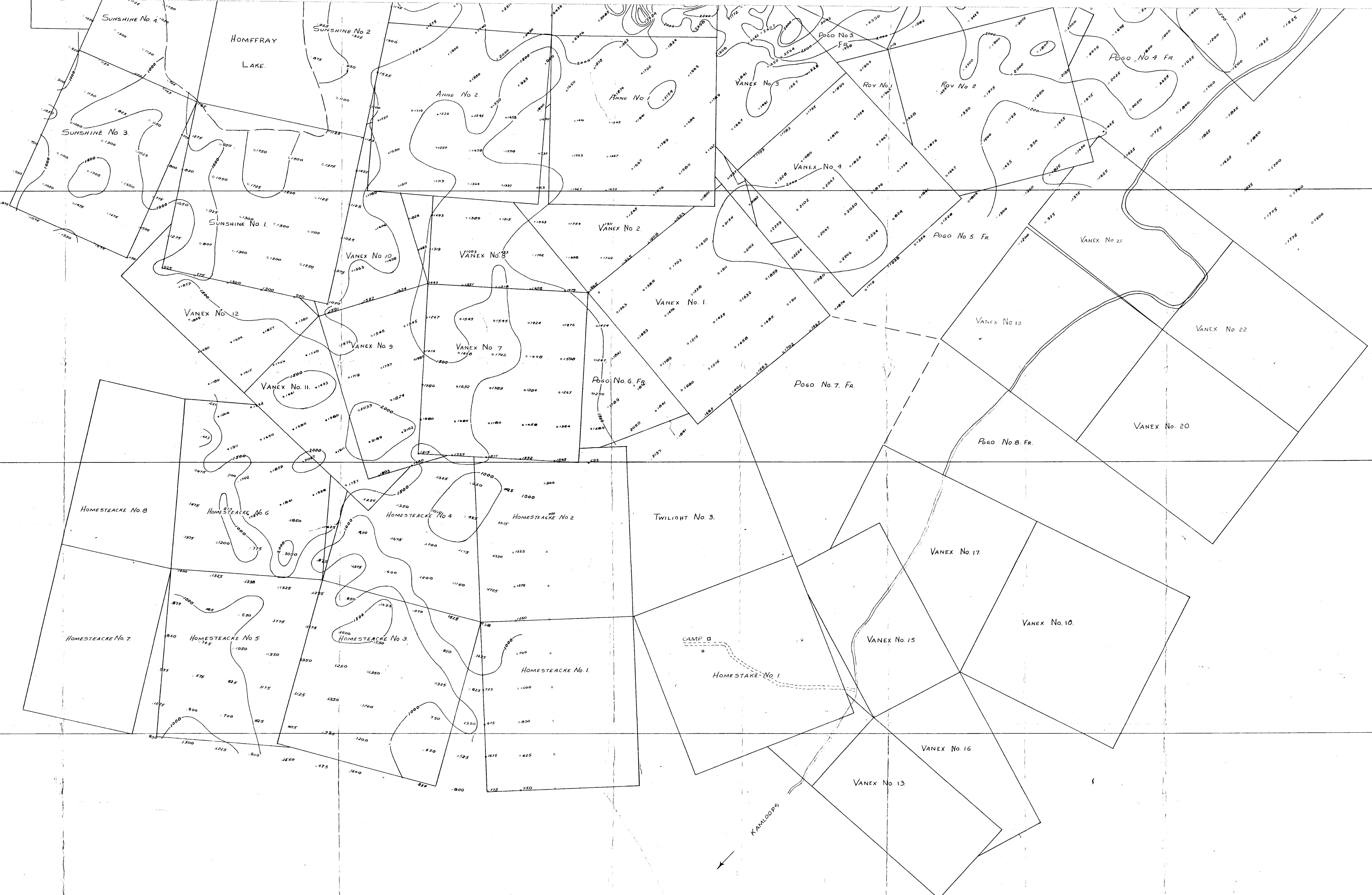
Physical work consisted of bulldozing access roads with a D7 tractor with driver and one helper. Details of expenditures are shown on each affidavit covering the necessary claims. The total amount expended for the listed claims was \$3,174.00.

I HEREBY certify this report to be a true statement of the expenditures, geophysical and physical, made on the above named claims.

HILL, STARCK & ASSOCIATES

Henry L. Hill





Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 266 MAP #1

266

EAST SHEET 1

VANEX MINERALS LTD (NPL)

MEADOW CREEK CLAIM MAP

SCALE 1" = 300 FT DATE: AUGUST 19, 1958.

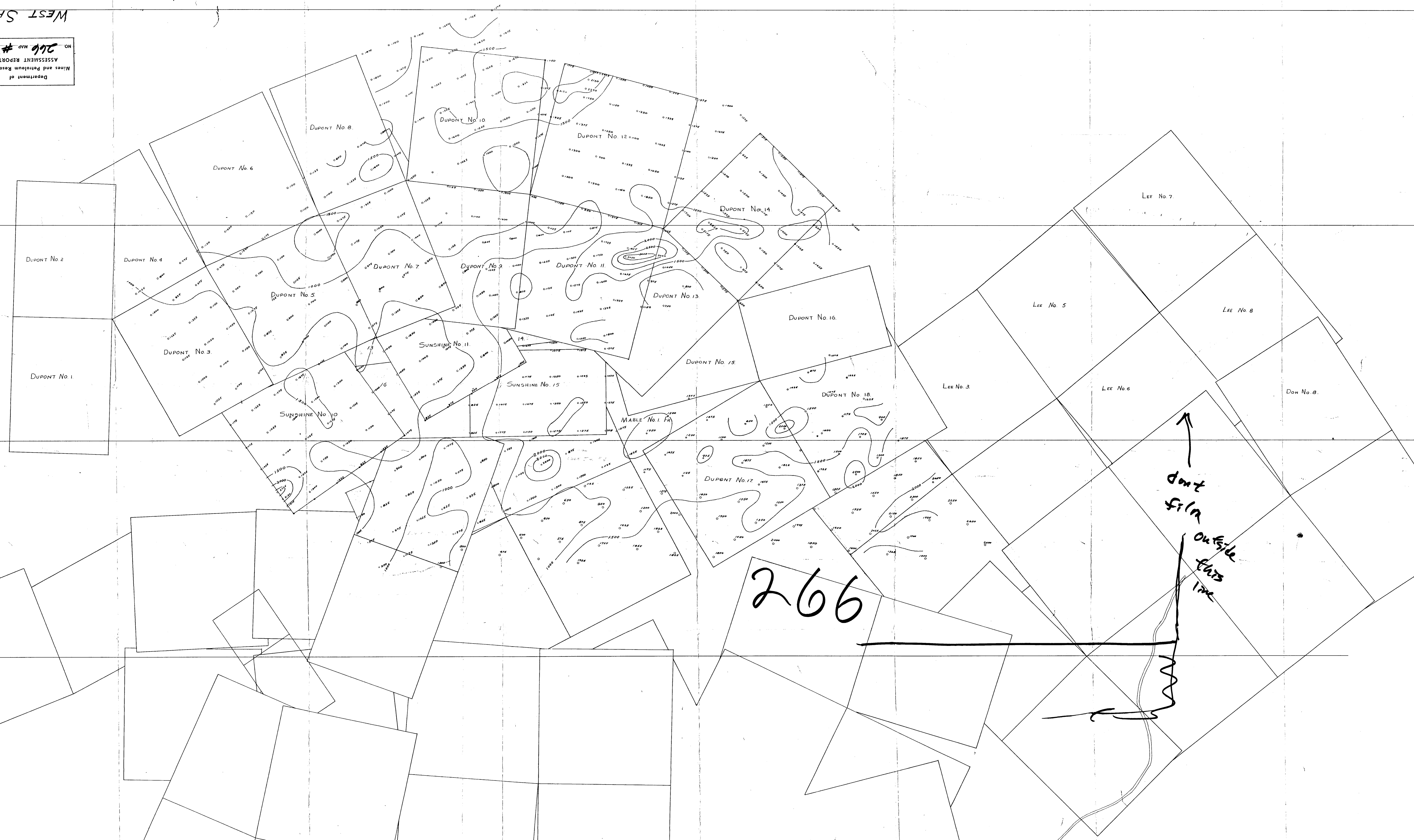
DRAWN BY: T. LISLE.

NOTE
Boundaries plotted are on gamma
and are different between actual
readings in slope and on gamma
has a bearing angle of 274.0 gamma.

1952
Between actual workings on maps and
Mines and Petroleum Resources
Assessment Report
NO. 266 MAP #2
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 266 MAP #2

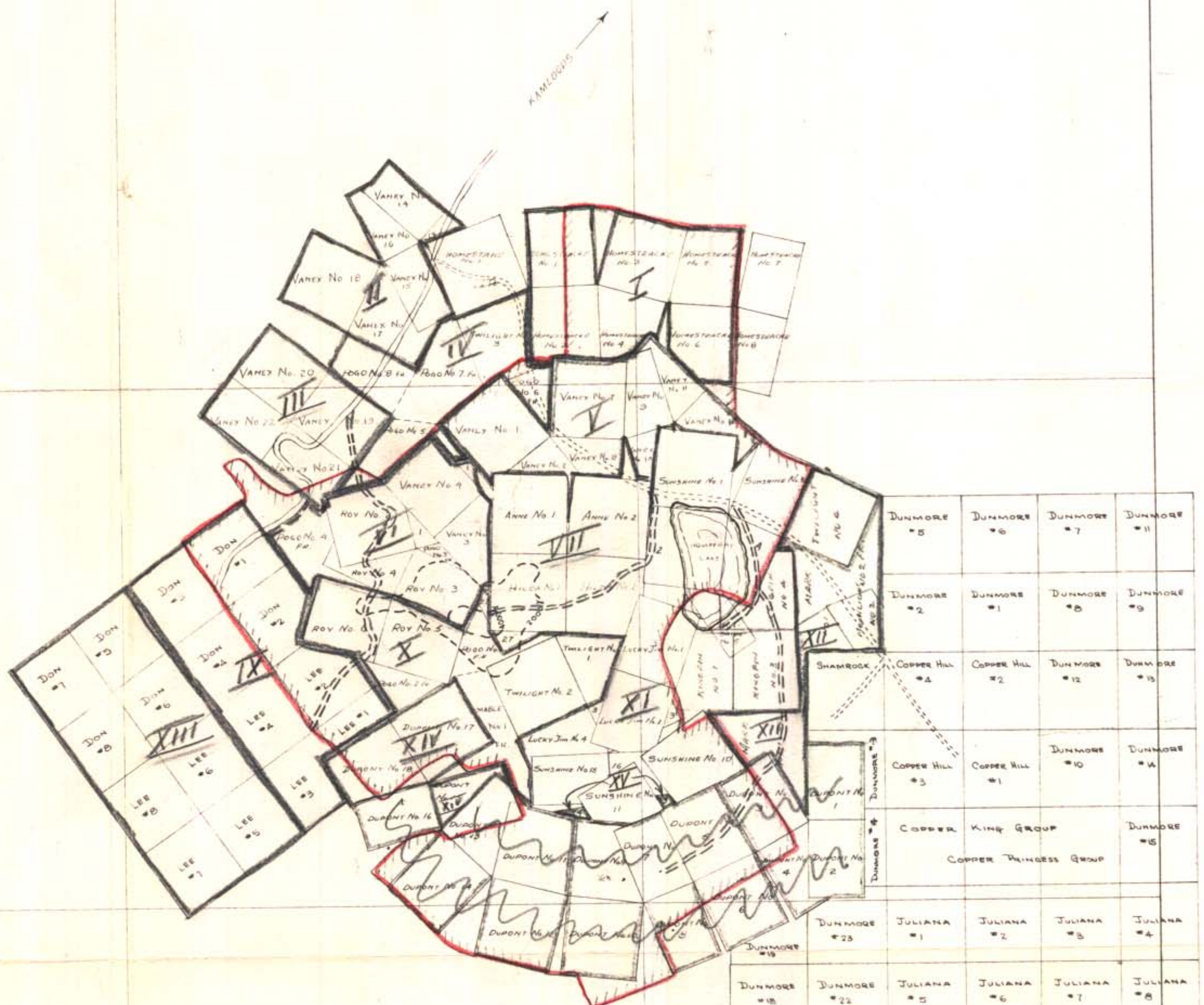
WEST SHEET
Mines and Petroleum Resources
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ASSESSMENT REPORT
NO. 266 MAP #3

DUNMORE #5	DUNMORE #6	DUNMORE #7	DUNMORE #11
DUNMORE #2	DUNMORE #1	DUNMORE #8	DUNMORE #9
SHAMROCK	COPPER HILL #4	COPPER HILL #2	DUNMORE #12
COPPER HILL #3	COPPER HILL #1	DUNMORE #10	DUNMORE #14
COPPER KING GROUP	COPPER PRINCESS GROUP		DUNMORE #15
DUNMORE #19	JULIANA #1	JULIANA #2	JULIANA #3
DUNMORE #18	DUNMORE #23	JULIANA #5	JULIANA #4
DUNMORE #17	DUNMORE #22	JULIANA #6	JULIANA #7
DUNMORE #16	DUNMORE #21	JULIANA #8	JULIANA #8
		ARLINE #1	ARLINE #2
		ARLINE #3	ARLINE #4
		ARLINE #5	ARLINE #6
		ARLINE #7	ARLINE #8

VANEX MINERALS LTD. (NPL)

MEADOW CREEK HOLDINGS
CLAIM MAP

SCALE 1" = 1500' AUGUST 1958
DRAWN BY T. LISLE

HL HILL & ASSOC VANCOUVER B.C.

BOUNDARY OF
GEFFENSKILL
SURVEY
CLAIM BLOCKS
H.C.H.

50' 30" - 12"