

82E/13E

REPORT ON A GEOCHEMICAL SURVEY

ON THE PEACHLAND

PROPERTY OF VEGA MINES LTD. (NPL)

Rohanna 15 - 24, 29 - 39

Kel 10 - 17

ZN 1 - 18

Situated N - NW of Peachland, B.C.

49° 48' N, 119° 44' W.

Submitted by: R.H.D. Philp, P. Eng.

Owner: Vega Mines Ltd. (NPL)

Work conducted by: Vega Mines Ltd. (NPL)

3641

REPORT ON
A GEOCHEMICAL SURVEY
ON THE
PEACHLAND PROPERTY OF
VEGA MINES LTD. (N.P.L.)

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 3641 MAP

May 16, 1972

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Map

Geochemical Survey #1 Copper
 #2 Zinc

REPORT ON A GEOCHEMICAL
SURVEY ON THE PEACHLAND PROPERTY
OF VEGA MINES LTD. (N.P.L.)

INTRODUCTION:

The Peachland Property of Vega Mines Ltd. (NPL) consists of 43 mineral claims situated approximately 1 1/2 miles north-northwest of Peachland, British Columbia.

Zinc - copper - lead - precious metals mineralization has been exposed at various points within Nicola Group (?) rocks on the claim group.

A geochemical survey was recently conducted over a portion of the claim group by Vega Mines Ltd. The writer was asked to assess and report on the results.

LOCATION AND ACCESS:

The Peachland Group lies 1 1/2 miles north of Peachland, extending westward from approximately 1/4 miles west of Okanagan Lake. Access to the southeastern and eastern portions is possible by secondary roads from Highway 97. Coordinates are 49° 48' north, 119° 44' west.

PHYSIOGRAPHY:

Topographic relief is moderate on the Peachland Group with elevations averaging 1700 feet above sea level.

Light timber, consisting of pine with spruce and fir, and underbrush occur throughout. Water will be available from Trepanier Creek in the northeast corner of the group but will be scarce within most of the property throughout much of the year.

PROPERTY:

The property consists of the following recorded mineral claims.

<u>Name</u>	<u>Claim</u>	<u>Record Number</u>
Rohanna	15-18	27928 - 27931
	19-22	27997 - 28000
	23-24	28076 -28077
	29-35	28128 - 28134
	36-39	28283 - 28286
Kel.	10-17	28151 - 28158
ZN	1-18	28745 - 28762

Several zinc - copper occurrences have been explored by old workings on the property, the most extensive occurring in the vicinity of the geochemical survey.

GEOCHEMICAL SURVEY:

Grid:

Samples were collected at 200 foot intervals on north-south lines spaced either 200 or 400 feet apart. Grid lines were established by chain and compass and marked with colored flagging. A total of 16,400 feet of lines were sampled.

Field Procedures:

Soil samples, collected by using a shovel, were generally taken from 6 to 12 inches in depth. Notes were taken at each station describing topography to assist in later interpreting the results.

Testing Procedures:

Samples were packaged in either polyethalene or brown paper bags and sent to Crest Laboratories (B.C.) Ltd. for testing. All samples were analyzed for both total copper and zinc content.

RESULTS:

Due to the limited extent of the survey it is difficult to estimate background values, especially for zinc.

Taking values greater than 60 ppm copper as anomalous, the survey outlined a broad anomalous area extending in a

southeasterly direction across Rohanna 16. The anomalous area measures 2000 by approximately 500 feet has a peak value of 2000 ppm copper and is open at both ends. The anomaly corresponds with and roughly follows the trend of the known mineralization which is N 85° W.

Other smaller anomalous areas are indicated in the southeast, east and extreme northern portions of the grid, and in all instances are open beyond the limits of the grid.

Zinc values are high with very few of less than 100 ppm. Taking values of 150 ppm or greater zinc as anomalous, the anomalous areas coincide closely with those for copper except the northernmost copper anomaly. Peak value of 1000 ppm for zinc occurs in the main anomaly on Rohanna 16.

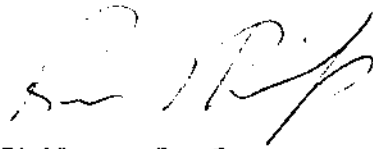
CONCLUSIONS AND RECOMMENDATIONS:

The geochemical survey outlined an extensive area anomalous for both copper and zinc on Rohanna 16. This coincides in part with known copper - zinc occurrences.

Additional smaller anomalous areas were indicated but in all cases the total extent of the anomalies was not determined.

The grid and geochemical survey should be expanded to cover the entire property, together with geological mapping.

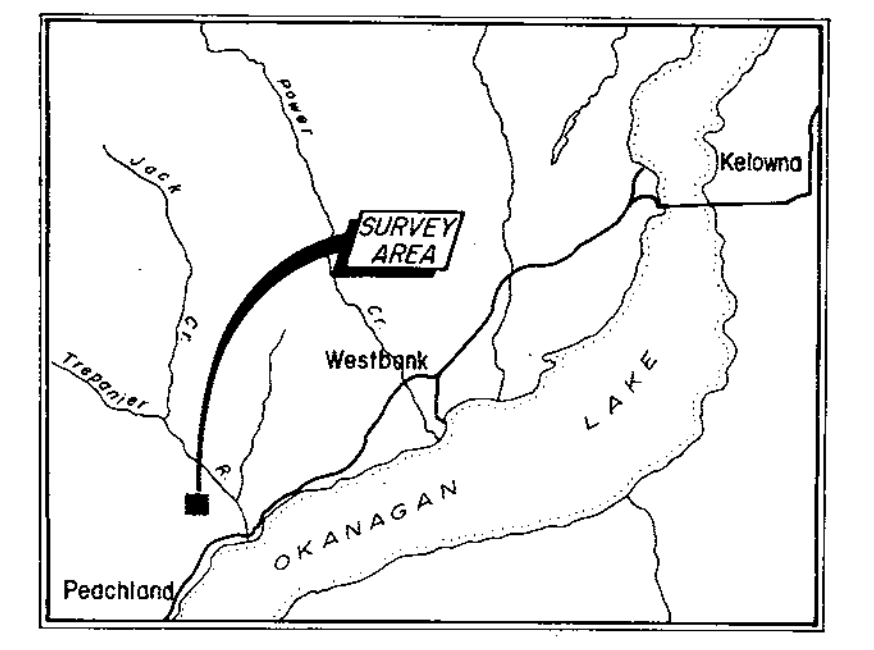
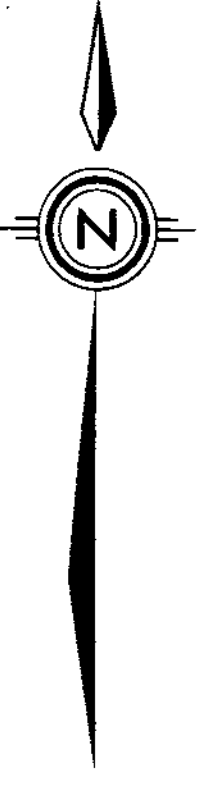
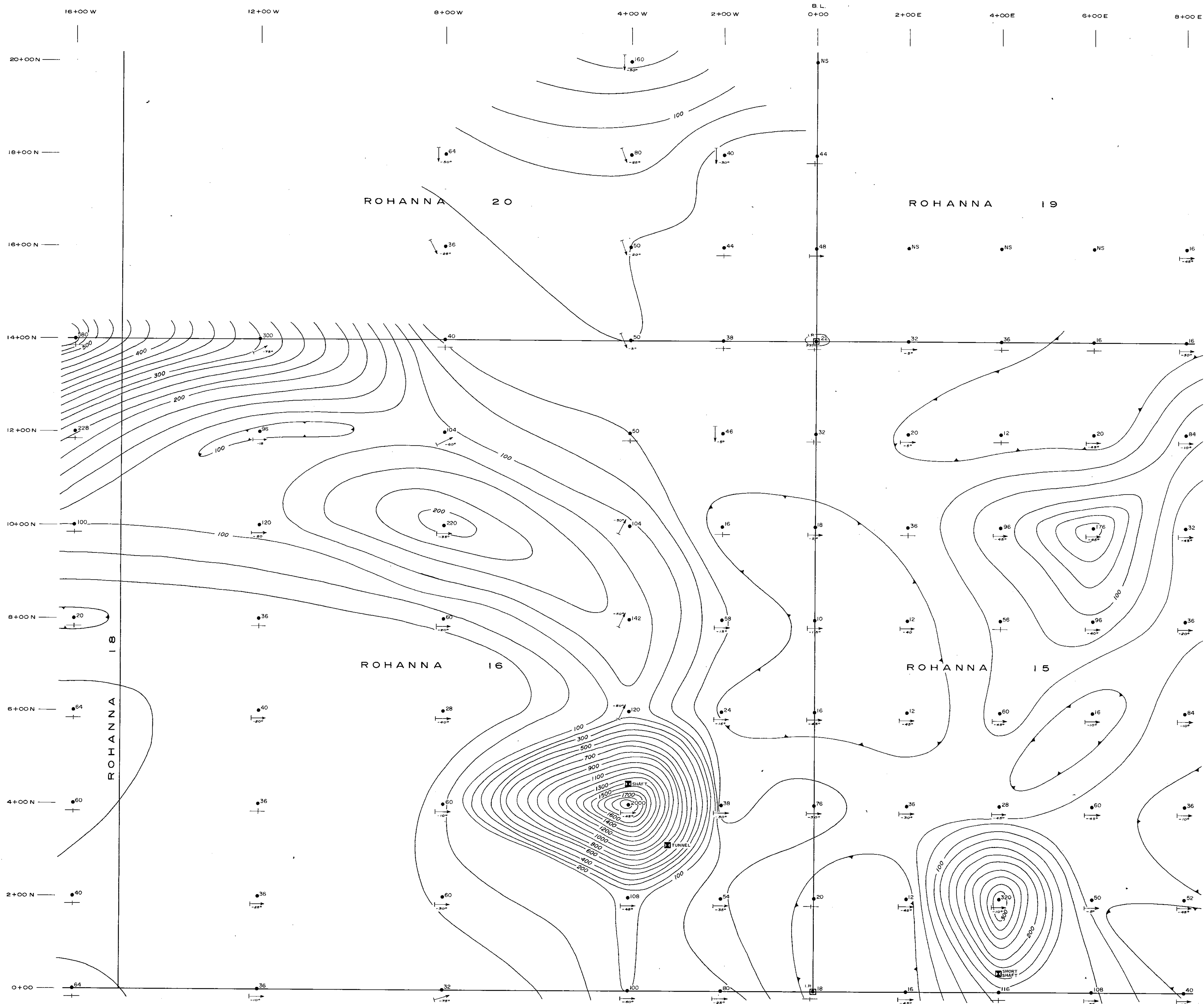
Respectfully Submitted,



R.H.D. Philp, P. Eng.

May 16, 1972

Vancouver, B.C.



LEGEND

- Sample site
- Claim post
- ⊠ Old workings
- Claim line
- ↗ Sloped ground
- ⊕ Flat ground

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M-1

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ASSESSMENT REPORT
No. 3641 MAP #1

TO ACCOMPANY THE GEOCHEMICAL REPORT OF R.H.D. PHILP,
P. ENG. ON THE PEACHLAND GROUP NEAR PEACHLAND, B.C.,
OSOYOOS MINING DIVISION, DATED MAY 16, 1972.

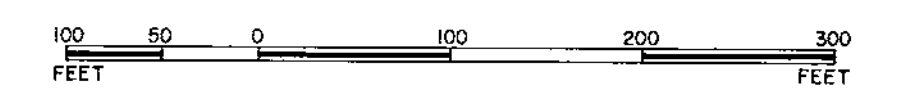
AGILIS EXPLORATION SERVICES LTD.

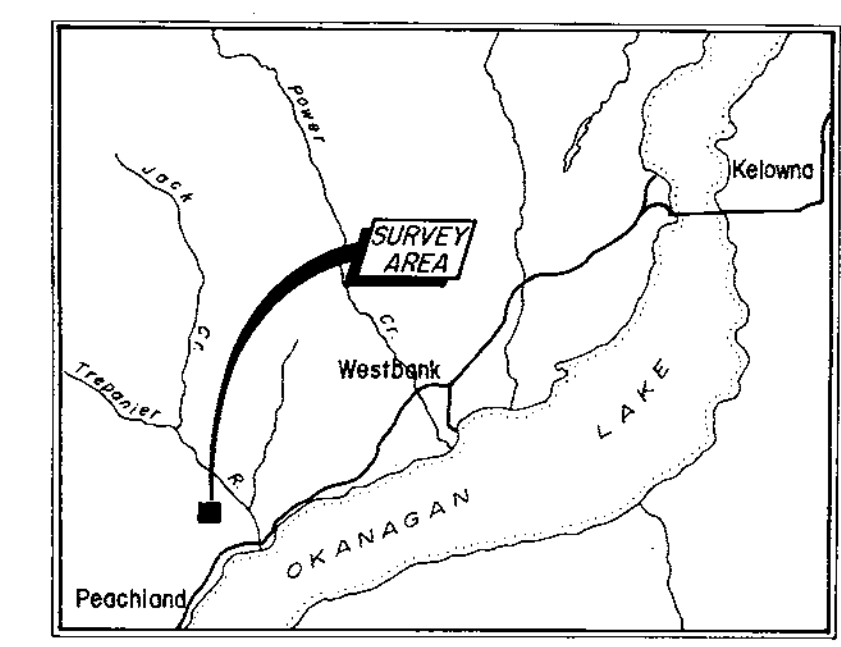
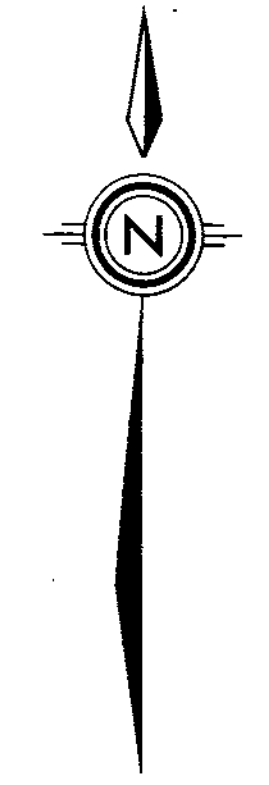
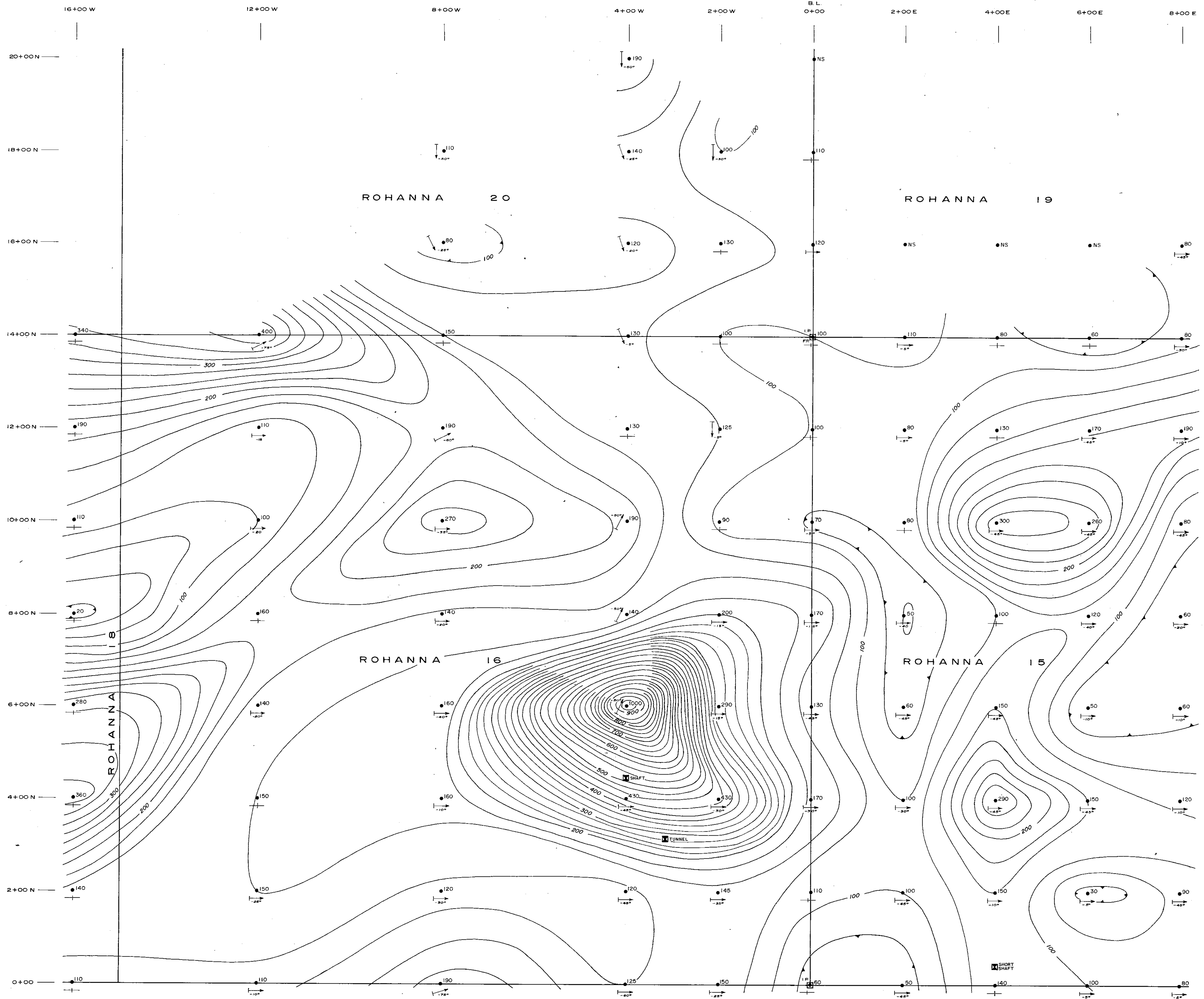
VEGA MINES LTD. (NPL)
PEACHLAND PROPERTY
OSOYOOS MINING DIVISION, B.C.

GEOCHEMICAL
SURVEY

COPPER (ppm)

CONTOUR INTERVAL — 25 & 100 ppm





LEGEND

- Sample site
- Claim post
- Old workings
- Claim line
- ↗ Sloped ground
- ⊥ Flat ground

Department of
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ASSESSMENT REPORT
 NO. 3641 MAP #2

TO ACCOMPANY THE GEOCHEMICAL REPORT OF R.H.D. PHILP,
 P. ENG. ON THE PEACHLAND GROUP NEAR PEACHLAND, B.C.,
 OSOYOOS MINING DIVISION, WORKSHEET 10, 1972.

AGILIS EXPLORATION SERVICES LTD.
 VEGA MINES LTD. (NPL)
 PEACHLAND PROPERTY
 OSOYOOS MINING DIVISION, B.C.

**GEOCHEMICAL
 SURVEY**
ZINC (ppm)
 CONTOUR INTERVAL — 25 ppm

