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Geological and Geochemical Report
on Rod No 1 to No. 8 and No. 11 to No. 13
several claims situated $1\frac{1}{2}$ miles
north west of Mammoth Lake ($50^{\circ}20'$,
 $120^{\circ}45'$) in Nevada Mining Division

work done between June 22 and
July 29, 1956 under supervision of author

Z. B. Saterby P. Eng.

92I/7W

92I/7W

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Report of work done on Rod No I to No. 8 and Rod No. 11 to No. 18 mineral claims near Marmint Lake B.C. between June 22 and July 29/56 by Deeborn Mines Ltd.

General procedure of ~~soil~~ mapping, and soil and silt sampling.

— Grid lines were cut, and compass and tape surveyed on 1500' centers following the claim lines. Soil and silt samples, using the Rio Tinto Co. method and field kits, were taken at 300' intervals in creeks, gullies and on grid lines. where results warranted lines were cut at 500' spacing and soil samples taken at 50' and or 100' intervals on these lines, also where warranted pits were dug. with this work general hand prospecting of claims was done.

Expenditures:

a crew of three men @ \$200, \$225 and \$250/month plus board were employed for 38 days - cost \$1051. L. Gatenby P. Eng. employed for 15 days @ \$35.00/day = \$525.00. The number of field soil and silt samples shown on the map is 387. The actual number in the field is at least twice the map figure as 2 or more samples are taken at

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II

each station. The number used for cost calculation is 750. The chemical value is 50¢/sample and total value \$375. Ten check spectrographic and laboratory chemical samples have a value of at least \$100. Three pits totalling 3 cu yds were dug with cost in wages. Total of above costs is \$2051.

Results:

The area was chosen for prospecting from a study of aerial photographs which showed deep branching and turning gulleys in about north south and east west directions. The topographic mapping showed two main deep north south gulleys cut and stepping at deep east west gulleys. Deyruis Creek follows both north south and east west gulleys. Geological mapping showed a fine grained rusty weathering granite band of rocks on the eastern part of claims. The western contact of this rock roughly follows a pattern of general north south direction with steps to the east in cross gulleys. Prospecting located two old workings

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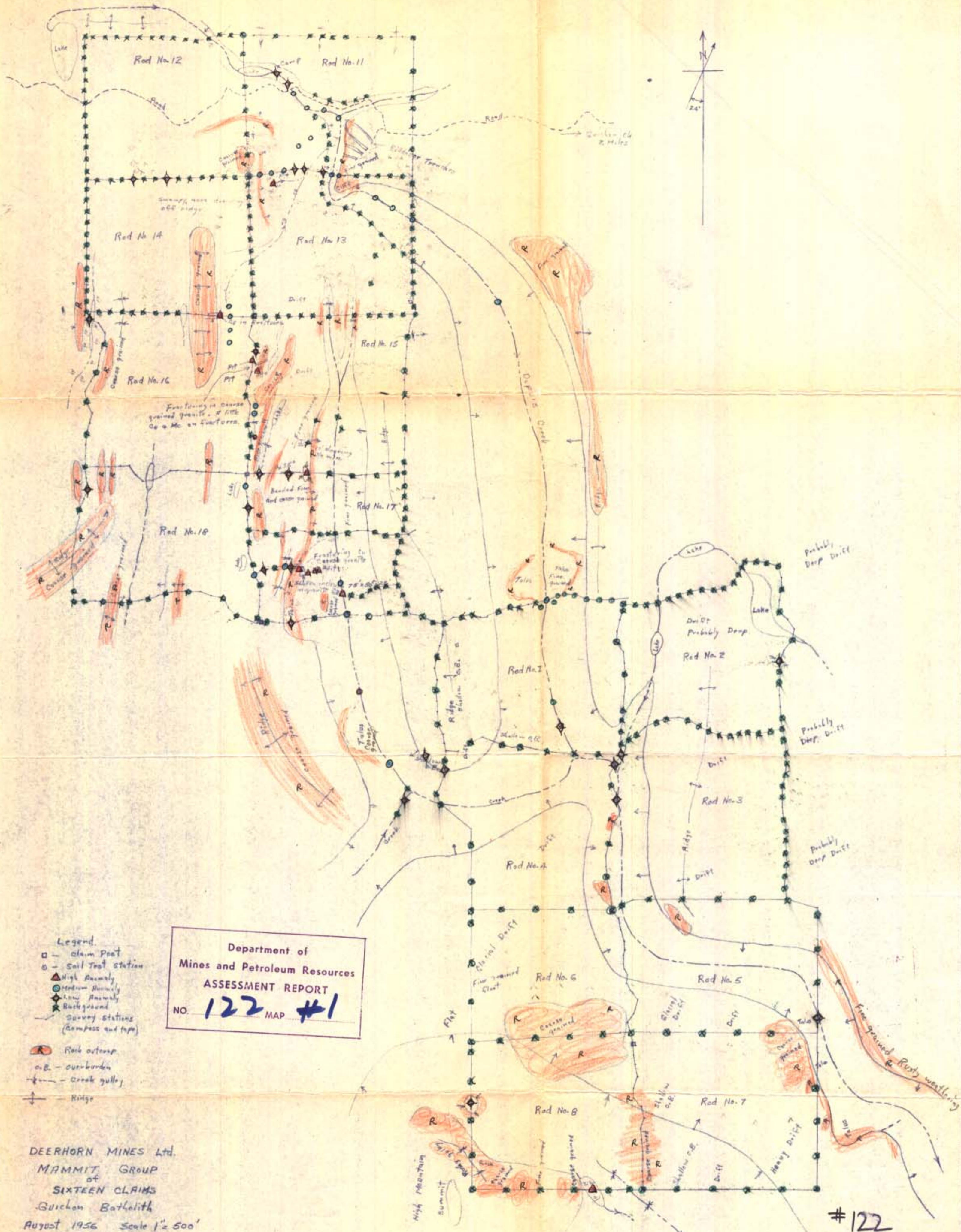
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III

in this contact area. Soil sampling results indicated mineralization was confined to this contact area. Several areas of high anomalies were found and detail work was done on those areas. The work showed only minor amounts of copper mineralization in fractures in unaltered granite and also in small inclusions in the contact area.

Z. B. Saterby P. Eng.
aug. 10/56

Map #1 Mammoth Group of 16 claims
1" = 500'



Department of
 Mines and Petroleum Resources
ASSESSMENT REPORT
 NO. **122** MAP **#1**

- Legend**
- - claim Post
 - - Soil Test station
 - ▲ - High Anomaly
 - - Medium Anomaly
 - ◆ - Low Anomaly
 - ✕ - Background
 - - Survey stations (Compass and tape)
 - - Rock outcrop
 - c.B. - Overburden
 - - Creek gully
 - ↑ - Ridge

DEERHORN MINES LTD.
 MAMMIT GROUP
 of
 SIXTEEN CLAIMS
 Guichen Batholith
 August 1956 Scale 1" = 500'
 K. Debeney P. Eng.

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MAP 1