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The Ohio State University
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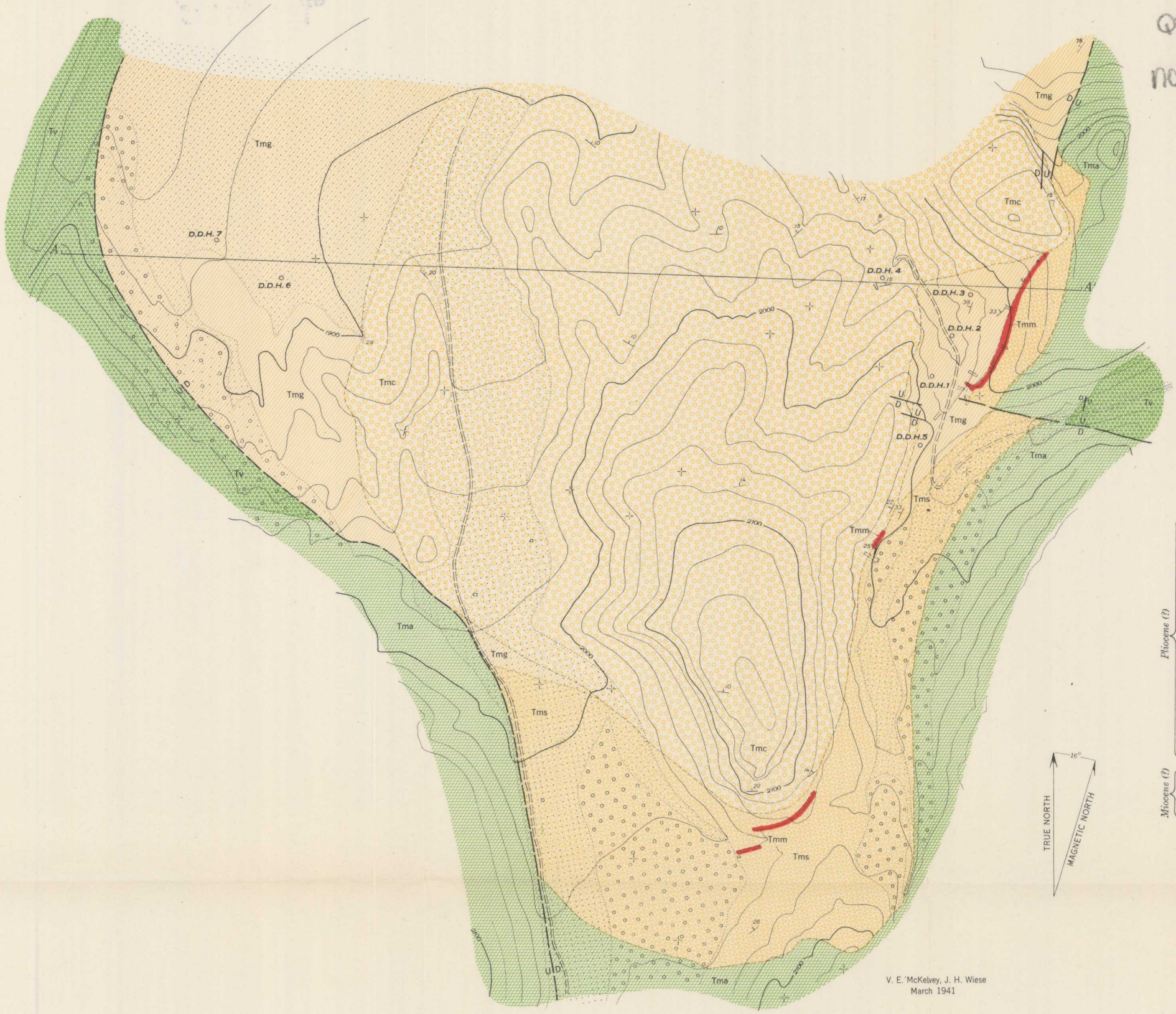
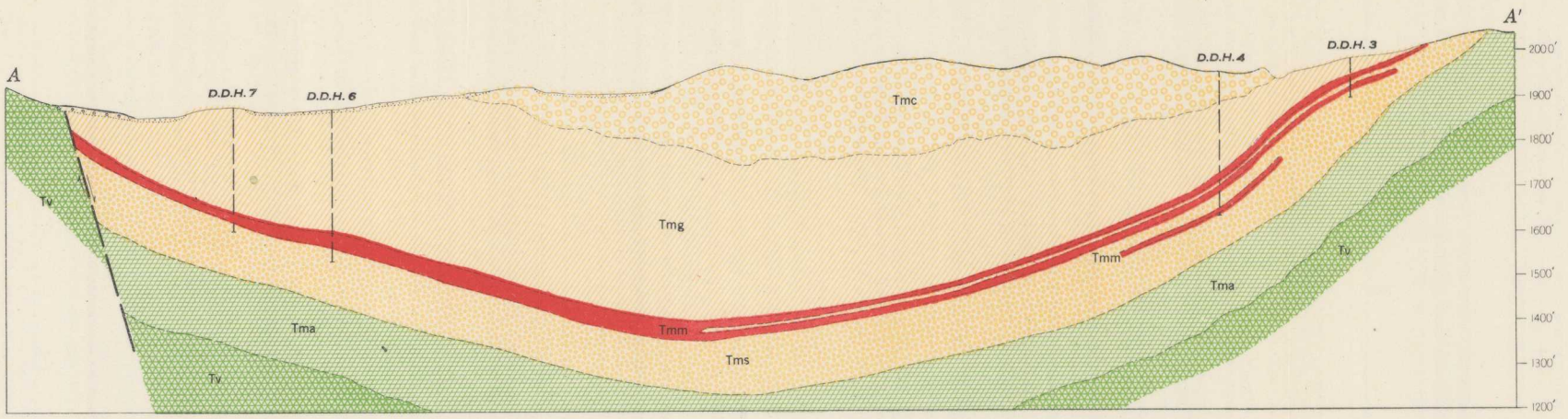
DEPARTMENT OF GEOLOGY
OHIO STATE UNIVERSITY



V. E. McKelvey, J. H. Wiese
March 1941



EXPLANATION

- QUATERNARY
  - Floodplain gravel
  - Terrace gravel
  - Colluvium
- TERTIARY
  - *Pliocene (?)*
    - Muddy Creek formation
      - Unit 2
        - Tmc — Conglomerate
      - Unit 1
        - Tmg — Red clay and gypsum
        - Tmm — Manganiferous sandstone
        - Tms — Conglomerate and sandstone
        - Tma — Andesite and volcanic breccias
  - *Miocene (?)*
    - Tv — Volcanic rocks
      Lactitic glasses, felsites, and breccias

Geologic contact

Gravel boundary

U / D — Fault
U, *upthrown side*; D, *downthrown side*
Dashed where concealed or approximate

26 — Strike and dip of beds

D.D.H. 7 — Diamond drill holes

Small pits

Trench

Adit and dump

Claim monument

GEOLOGIC MAP AND SECTION OF THE FANNIE RYAN MANGANESE DEPOSIT, CLARK COUNTY, NEVADA

200 0 1000 Feet

Contour interval 20 feet

Datum sea level, based on aneroid