Orton Memorial Library of Geology
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The Ohio State University
Columbus, OH 43210

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DEPARTMENT OF GEOLOGY
OHIO STATE UNIVERSITY

EXPLANATION

- Floodplain gravel
- Terrace gravel — QUATERNARY
- Td — Basic dikes
- Tmsc / Tmba — Buff sandstone and conglomerate, Tmsc; basalt, Tmba
- Tmc — Sandstone and conglomerate
- Tmb / Tmg / Tmm — Conglomerate, sandstone, and interbedded volcanic rock *Manganiferous sandstone and gypsum*, Tmm; *conglomerate sandstone, clay, gypsum, tuff, and limestone*, Tmg; *basalt and andesitic flows and breccias*, Tmb
- Tv — Volcanic rocks *Latite flows, glasses, tuffs, and breccias* — TERTIARY
- pCg — Granite and gneiss — PRE-CAMBRIAN

Pliocene (?) — Muddy Creek formation — Unit 3; Unit 2; Unit 1

Miocene (?)

Geologic contact
Dashed where concealed or approximate

Fault, showing dip
U, *upthrown side*; D, *downthrown side*
Dashed where concealed or approximate

Fault, showing relative movement

Strike and dip of beds

Axis of syncline

Base—Uncontrolled mosaic made from Fairchild aerial photos 3400-4839

Geology by
V. E. McKelvey, J. H. Wiese, and Vard Johnson December 1941

GEOLOGIC MAP OF THE VIRGIN RIVER DISTRICT, NORTH OF LAKE MEAD, CLARK COUNTY, NEVADA

1000 0 7000 Feet

Lake level approximate 1180 feet