

Base from U.S. Geological Survey, 1:24000 Mount Tumbull NE, Mount Tumbull SE, Mount Tumbull NW, and Mount Logan quadrangles, Arizona, 1976
Universal Transverse Mercator Projection
1927 North American Datum
Clark 1866 Ellipsoid, Zone 12

APPROXIMATE MEAN
DECLINATION 1967

13.5°

SCALE 1:31,680

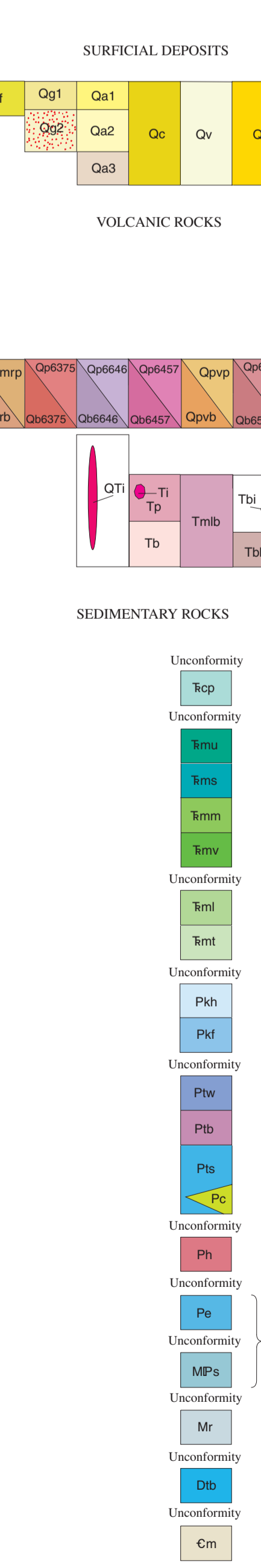
CONTOUR INTERVAL 40 FEET

MAP LOCATION

Geology mapped in 1986-1997
by G.H. Billingsley and W.K. Hamblin.
Digital database by J.L. Wellmeyer
and S.L. Dudash.

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CORRELATION OF MAP UNITS



SURFICIAL DEPOSITS

- Artificial fill deposits and quarries (Holocene)
- Stream-channel alluvium (Holocene)
- Floodplain deposits (Holocene)
- Young terrace-gravel deposits (Holocene)
- Young alluvial fan deposits (Holocene)
- Colluvial deposits (Holocene and Pleistocene)
- Valley-fill deposits (Holocene and Pleistocene)
- Talus deposits (Holocene and Pleistocene)
- Landslide deposits (Holocene and Pleistocene)
- Old terrace-gravel deposits (Holocene and Pleistocene)
- Young-intermediate alluvial fan deposits (Holocene and Pleistocene)
- Old alluvial fan deposits (Pleistocene)

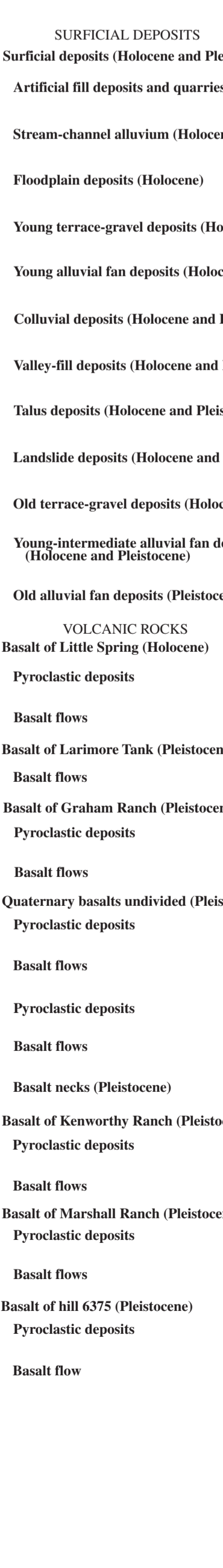
VOLCANIC ROCKS

- Result of Little Spring (Holocene)
- Pyroclastic deposits
- Result of Larimer Tank (Pleistocene)
- Result of Graham Ranch (Pleistocene)
- Pyroclastic deposits
- Quaternary basalt unclassified (Pleistocene)
- Result of basalt flows
- Result of Kenworthy Ranch (Pleistocene)
- Pyroclastic deposits
- Result of Markham Ranch (Pleistocene)
- Pyroclastic deposits
- Result of hill 4375 (Pleistocene)
- Pyroclastic deposits
- Result flow

LIST OF MAP UNITS

- Result of hill 6446 (Pleistocene)
- Pyroclastic deposits
- Result flow
- Result of hill 6457 (Pleistocene)
- Pyroclastic deposits
- Result flow
- Result of Peas Valley (Pleistocene)
- Pyroclastic deposits
- Result flow
- Result of hill 6588 (Pleistocene)
- Pyroclastic deposits
- Result of hill 6588 (Pleistocene)
- Pyroclastic deposits
- Result of Crisp Knoll and Berry Knoll (Pleistocene)
- Intrusive dikes or necks
- Pyroclastic deposits
- Result flow
- Tertiary Volcanic Deposits
- Basaltic dikes (Pleistocene or Pleistocene)
- Tertiary Basalt north of Mt. Emma (Pleistocene)
- Intrusive rocks
- Pyroclastic deposits
- Result flow
- Result of Mount Logan (Pleistocene)
- Result flow
- Result of Round Hill (Pleistocene)
- Intrusive dikes
- Result flow
- Result of Mount Tumbull (Pleistocene)
- Intrusive rocks
- Result flow
- SEDIMENTARY ROCKS
- Childe Formation (Upper Triassic)
- Petrified Forest Member
- Moenkopi Formation (Middle? and Lower Triassic)
- Upper red member (Middle? and Lower Triassic)
- Shankub Member (Lower Triassic)
- Middle red member (Lower Triassic)
- Virgin Limestone Member (Lower Triassic)
- Lower red member (Lower Triassic)
- Timpanog Member (Lower Triassic)

EXPLANATION



GEOLOGIC MAP OF PART OF THE UINKARET VOLCANIC FIELD, MOHAVE COUNTY, NORTHWESTERN ARIZONA

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This map was prepared on an electronic plotter directly from digital files. Dimensional calibration may vary between electronic plotters and between X and Y directions on the same plotter, and paper may change size due to atmospheric conditions. Therefore, scale and proportions may vary from those shown on this map.
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