

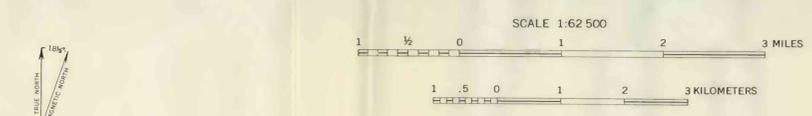
EXPLANATION

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|--------------------------|--|---|
| Recent | | <p>Qrc River-channel deposits Largely coarse sand and gravel in flood channel of Russian River and major tributaries. Very permeable</p> |
| | | <p>Qal Alluvium Unconsolidated lenticular deposits of clay, sand, and gravel beneath flood plains and alluvial fans. Moderate to high permeability</p> |
| | | <p>Qdal Dissected alluvium Unconsolidated and poorly sorted clay, sand, and gravel constituting elevated alluvial deposits at valley margins and valley alluvium undergoing dissection. Low to moderate permeability</p> |
| Pleistocene | | <p>Qty Younger terrace deposits Unconsolidated silty sand and gravel, silt, and clay underlying stream terraces. Moderate to low permeability</p> |
| | | <p>Qt Terrace deposits. Undifferentiated in Potter Valley Silty sand and gravel, silt, and clay. Moderate to low permeability</p> |
| | | <p>Qtc Older terrace deposits Weathered clayey sand and gravel, silt, and clay underlying higher terraces. Low permeability; commonly above water table</p> |
| Pliocene and Pleistocene | | <p>Qtc Continental deposits Compact, lenticular, poorly sorted silty clay, sandy and gravelly silt, and interbedded sand and gravel, and poorly cemented conglomerate. Gently to steeply deformed. Low permeability</p> |
| | | <p>Kju Franciscan and Knoxville Formations undifferentiated Consolidated marine rocks, predominantly sandstone, siltstone, shale, and chert; serpentine, greenstone, and schist. Low to moderate permeability locally in fractured zones</p> |

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| <p>--- Contact Dashed where approximately located</p> <p>↘ 30 Strike and dip of beds</p> <p>↘ 15 Approximate dip of beds True strike undetermined</p> <p>○ J1 Water well</p> | <p>● A2 Flowing well</p> <p>○ D2 Spring</p> <p>▲ Stream-sampling site</p> <p>○ Stream-gaging site</p> <p>Numbers indicate location as explained in text</p> |
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INDEX MAP

**GEOLOGIC MAP OF THE UPPER RUSSIAN RIVER VALLEY AREA
MENDOCINO COUNTY, CALIFORNIA, SHOWING
LOCATION OF WELLS**



Base from U.S. Army Corps of Engineers topographic maps

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1965—W61448
Geology by California Division of Water Resources, 1956.
Canvass of wells by California Division of Water Resources and U.S. Geological Survey, 1951-54