

EXPLANATION

- Data source**
- ★ 56° Utah Division of Drinking Water
 - 16° Utah Geological Survey
 - 72° U.S. Geological Survey
 - ↑ Ground water flow direction (from Clark and others, 1990)
 - Population center
 - Perfected water well
 - Davis County line
 - Water course
 - Great Salt Lake
- Ground-water quality classification**
- Class IA - Pristine (TDS: < 500 mg/L)
 - Class II - Drinking water quality (TDS: 500 - 3000 mg/L)
 - Bedrock (not classified)
- * number indicates site ID listed in appendix A
* all valid wells listed in the Utah Division of Water Rights database

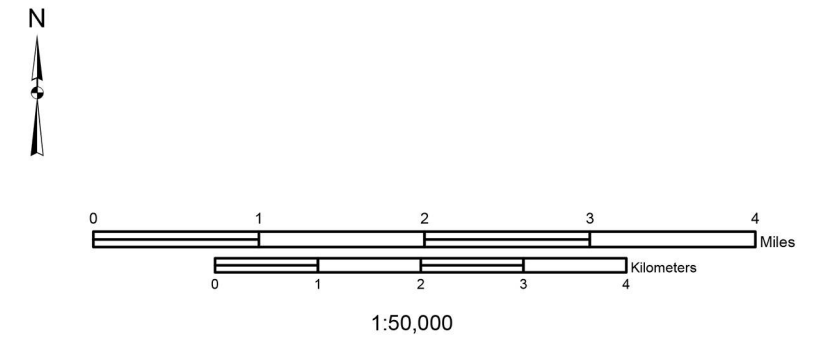


PLATE 2
GROUND-WATER QUALITY CLASSIFICATION
FOR THE BASIN-FILL AQUIFER, EAST SHORE AREA,
DAVIS COUNTY, UTAH

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This map was created from Geographic Information System (GIS) files. Basemap constructed from features obtained from the Utah Automated Geographic Reference Center (<http://agrc.utah.gov/>). Projection: Universal Transverse Mercator Datum: North American 1983 Zone 12 N Spheroid: Clarke 1866 Cartography by Paul Inkenbrandt