UTAH GEOLOGICAL SURVEY
a division of
Utah Department of Natural Resources

Explanation

Ground-water quality classification

- Class IA - Pristine (TDS: < 500 mg/L)
- Class II - Drinking water quality (TDS: 500 - 3000 mg/L)
- Class III - Limited use (Nitrate as N ≥ 10 mg/L)
- Bedrock - primary recharge area
- Perfected wells*
- Public-supply well
- Water wells sampled by the USGS#
- Ground-water flow direction+
- Water body
- Intermittent water body (may contain ephemeral water)
- Water course
- Population center

* All valid wells listed in the Utah Division Water of Rights database
\# See appendix B for water-quality data
\+ From Bjorkland and others (1978)

LOCATION OF STUDY AREA

0 1 2 3 4 5 Miles

0 1 2 4 6 8 Kilometers

Scale 1:100,000

N

PLATE 3.
GROUND-WATER QUALITY CLASSIFICATION FOR THE BASIN-FILL AQUIFER, CEDAR VALLEY, IRON COUNTY, UTAH

By
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and Walid Sabbah, Utah Geological Survey,
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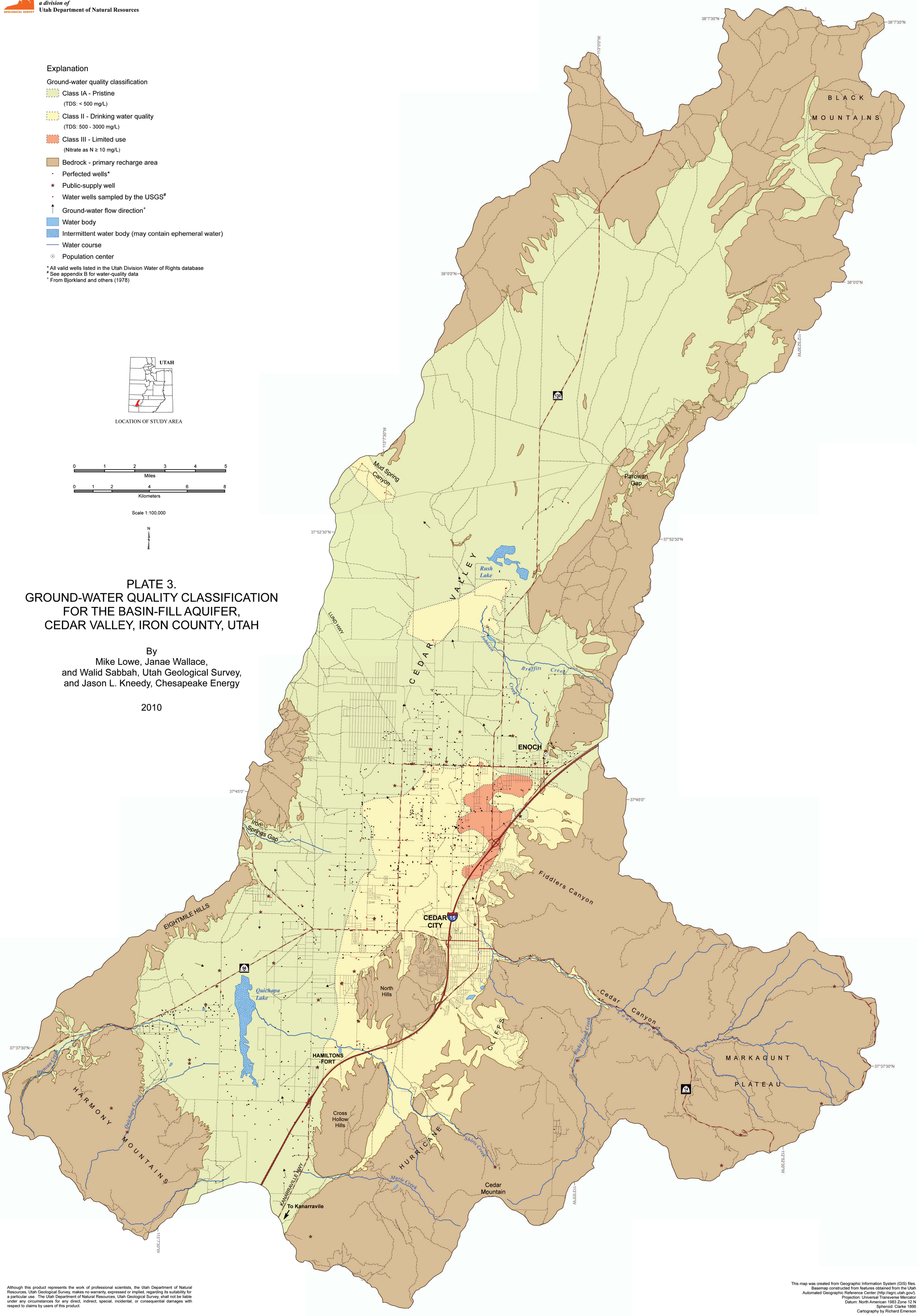
2010



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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 Richard Emerson