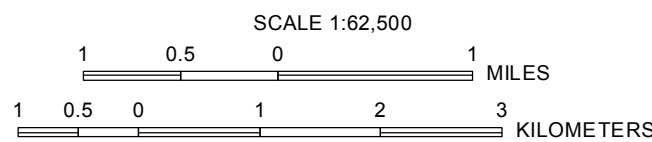


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MAP LOCATION

Base produced from Utah Automated Geographic Reference Center features  
Projection: UTM Zone 12  
Datum: NAD 1983  
Spheroid: Clarke 1886

Project Manager: Mike Lowe  
GIS and Cartography: Richard Emerson

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This map was created from Geographic Information System (GIS) data.

## GROUNDWATER-QUALITY CLASSIFICATION FOR THE VALLEY-FILL AQUIFER, MORGAN VALLEY, UTAH

by Janae Wallace, Mike Lowe, Walid Sabbah, and Kevin Thomas

2012

### Explanation

- Groundwater-quality sample location and well ID. Color denotes agency responsible for sampling (see appendix B for chemistry data).
- 30 ● Utah Geological Survey
  - 70 ● Utah Division of Drinking Water
  - 51 ● Utah Department of Agriculture and Food
  - 89 ● Weber-Morgan Health Department
  - Halo denotes TDS calculated from specific conductance
  - Solid center denotes well completed in bedrock (not used to classify valley-fill aquifer)
  - ★ Star denotes a public-supply well
  - Perfected water well (DWRI data)

- Groundwater-quality classification\*
- Class IA, Pristine Quality (0-500 mg/L)
  - Class II, Drinking Water Quality (500-3000 mg/L)
  - Bedrock (not analyzed)
  - ▲ Groundwater-flow direction

### Other symbols

- Stream or river
- Canal or aquaduct
- Water body
- Morgan Valley drainage basin boundary

\*From Wallace and Lowe, 2007