

# GROUND-WATER QUALITY CLASSIFICATION MAP FOR MOAB-SPANISH VALLEY AREA, GRAND AND SAN JUAN COUNTIES, UTAH

Special Study 120  
Utah Geological Survey  
2007



Scale 1:75,000

0 0.5 1 2 Miles

0 0.5 1 2 Kilometers

Map Projection: Universal Transverse Mercator, zone 12  
Horizontal datum: North American Datum 1983

## Explanation

### Ground-Water Quality Classification

- Class IA, Pristine Water Quality (TDS\*: 0-500 mg/L)
- Class IB, Irreplaceable Ground Water (not based on TDS\*)
- Class II, Drinking Water Quality (>500 to <3000 mg/L)
- Bedrock

- Perfected water wells\*\*
- Public supply well
- Sampled ground-water well
- Surface water sample
- Bedrock well

- Ground-water quality class boundary
- Valley-fill deposits boundary
- Moab city municipal boundary
- Road
- Water course
- Ground-water flow direction (from Sumsion, 1971)
- Study-area boundary
- Water body

112 Number corresponds to Site ID number (see appendix A)

\* Total dissolved solids

\*\* All wells are listed in Utah Division of Water Rights' database

