





SHALLOW BEDROCK POTENTIAL MAP OF THE TICKVILLE SPRING QUADRANGLE, SALT LAKE AND UTAH COUNTIES, UTAH

by

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5. Jordan Narrows 8. Saratoga Springs ADJOINING 7.5' QUADRANGLE NAMES

EXPLANATION

identified by Biek and others (2005). Bedrock units in this category may require blasting to excavate.

Not Mapped - Area not mapped due to significant and ongoing human disturbance.

SHALLOW BEDROCK CATEGORIES Hard - Area where generally hard and resistant (when unweathered) bedrock is exposed at the ground surface as

B_{SBP} Buried – Area where depth to bedrock is less than or equal to 10 feet (3 m) beneath soil cover.

Deep – Area where depth to bedrock is greater than 10 feet (3 m).

USING THIS MAP

This map shows locations where bedrock is exposed at the ground surface or is present in the shallow subsurface in the Tickville Spring quadrangle. The map is intended for general planning purposes to indicate where shallow bedrock conditions may exist and special investigations may be required. This map is not intended for use at scales other than 1:24,000, and is designed for use in general planning to indicate the need for site-specific geotechnical/geologic-hazard investigations. Site-specific geotechnical/geologic-hazard investigations can resolve uncertainties inherent in generalized mapping and help ensure safety by identifying the need for special foundation designs, mitigation, and/or construction techniques. The presence and severity of bedrock conditions along with other geologic hazards should be addressed in these investigations. If shallow bedrock is present at a site, appropriate design recommendations should be provided.

For additional information about shallow bedrock in the Tickville Spring quadrangle, refer to the accompany-