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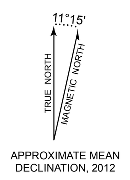
SCALE 1:100,000

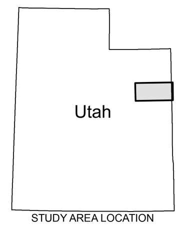
0 10000 20000 30000 40000 50000 60000 FEET
0 2.5 5 10 MILES
0 1 2 4 6 8 10 12 14 16 KILOMETERS

CONTOUR INTERVAL 50 METERS

GILSONITE VEINS OF THE UINTA BASIN
by
Taylor Boden and Bryce T. Tripp
2012



APPROXIMATE MEAN DECLINATION, 2012



STUDY AREA LOCATION

Topographic base from U.S. Geological Survey Duchesne (1982), Price (1980), Seep Ridge (1981), and Vernal (1980) 30' x 60' quadrangles
Hillshade from 10m National Elevation Data
Geology compiled from Bryant (1992), Weiss and others (2003), and Sprinkel (2007, 2009)
Projection: UTM, Zone 12
Units: Meters
Datum: NAD 1983

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GEOLOGIC UNITS EXPLANATION

- Gilsonite vein, well located
- Gilsonite vein, inferred
- Gilsonite vein, uncertain
- Mahogany oil-shale marker bed, well located
- Contact, well located
- Normal fault, well located
- Normal fault, approximately located
- Normal fault, concealed
- Bar and ball on dowthrown side where offset is known

Qal	Stream Alluvium (Holocene)
Qat	Stream Terrace Deposits (Holocene and Pleistocene[?])
Qa	Basin Alluvium (Holocene and Pleistocene[?])
Qaf	Alluvial-Fan Deposits (Holocene and Pleistocene[?])
Qc	Colluvium (Holocene)
Qe	Eolian Deposits (Holocene)
Qms	Landslides, Slumps, and Flows (Holocene and Pleistocene)
Qac	Mixed Alluvium and Colluvium (Holocene and Pleistocene[?])
Qae	Mixed Alluvium and Eolian Deposits (Holocene)
Tdb	Brennan Basin Member of Duchesne River Formation (Eocene)
Tuc	Member C of Uinta Formation (Eocene)
Tub	Member B of Uinta Formation (Eocene)
Tua	Member A of Uinta Formation (Eocene)
Tgsl	Sandstone and Limestone Facies of Green River Formation (Eocene)
Tgp	Parachute Creek Member of Green River Formation (Eocene)
Tgd	Douglas Creek Member of Green River Formation (Eocene)
Tg-Tw	Green River–Wasatch Formations Transition Zone (Eocene)
Tw	Wasatch Formation (Eocene and Paleocene[?])

INDEX TO U.S. GEOLOGICAL SURVEY 30' x 60' QUADRANGLES AND SOURCES OF GEOLOGIC MAPPING