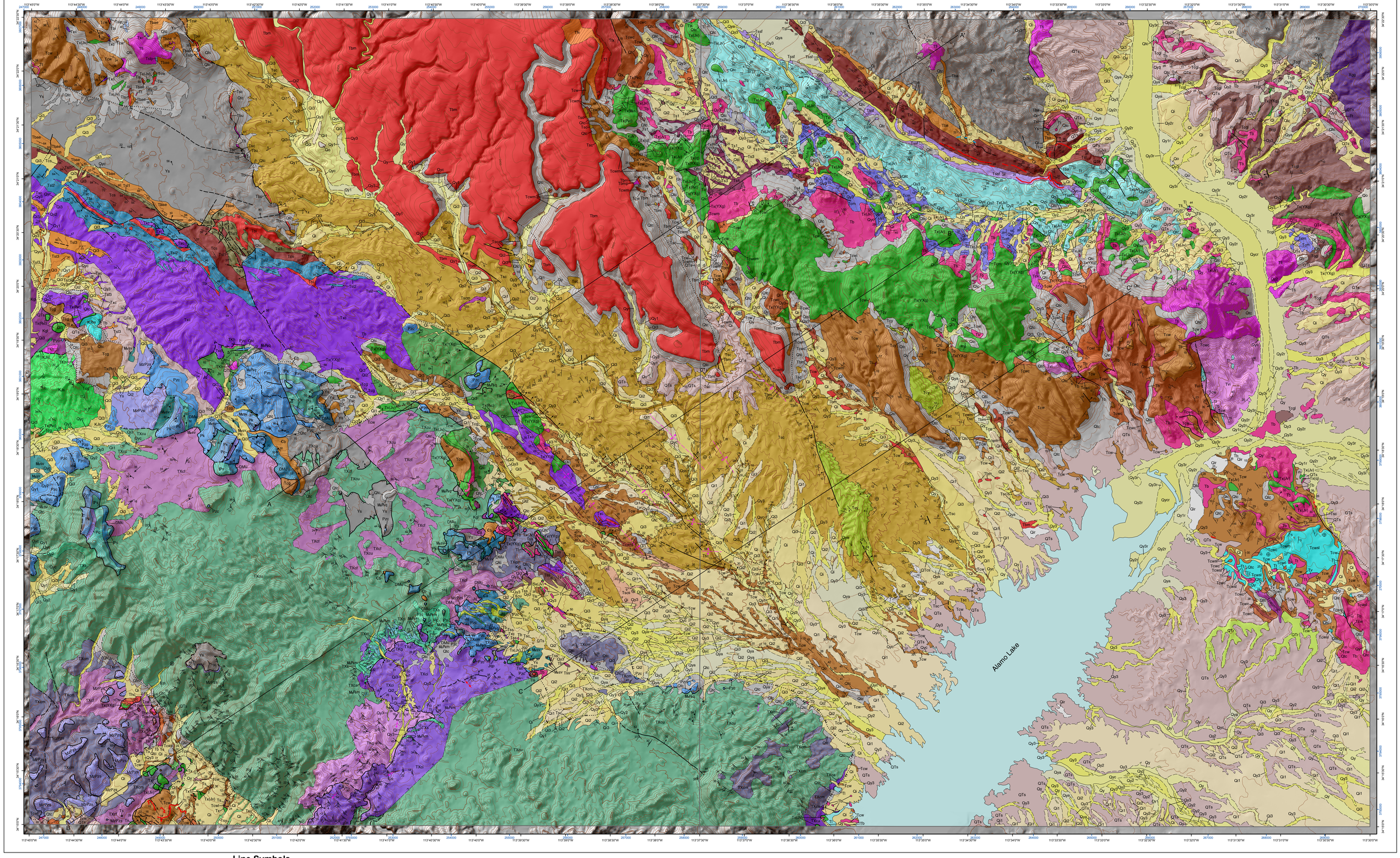


Projection: UTM Zone 12
Datum: NAD83

Topographic basemap is derived from Artillery Peak and Rawhide Wash 7.5' USGS topographic quadrangle maps, raster format exported from AllTopo V7 Pro Topographic Basemap with NAD83 grid. Contours derived from USGS NED elevation data. Stream data shown is from the USGS National Hydrography Dataset (NHD).

Citation for this map:
Spencer, J.E., Richard, S.M., Johnson, B.J., Love, D.S., Pearthree, P.A., and Reynolds, S.J., 2013, Geologic map of the Artillery Peak and Rawhide Wash 7 ½' Quadrangles, Mohave and La Paz Counties, Arizona: Arizona Geological Survey Digital Geologic Map DGM-100, version 2.0, 2 sheets, scale 1:24,000.

## Line Symbols

- Contact: accurate, approximate, uncertain
- Fault: accurate, approximate, concealed
- Detachment fault: accurate, approximate, concealed
- Normal fault: approximate
- Low-angle normal fault: accurate, approximate
- Tuff bed
- Bedded manganese
- anticline, approximate
- syncline, approximate
- Manganese oxide - calcite - barite vein
- Quartz vein
- Mafic dike

## Map Location

Approximate mean declination, 2013

# GEOLOGIC MAP OF THE ARTILLERY PEAK AND RAWHIDE WASH 7 ½' QUADRANGLES, MOHAVE AND LA PAZ COUNTIES, ARIZONA

March 2015

Arizona Geological Survey Digital Geologic Map DGM-100
Sheet 1 of 2, Version 2.0
Scale 1:24,000
40' contour interval, 200' index contours

by
Jon E. Spencer, Stephen M. Richard, Bradford J. Johnson, Diane S. Love, Philip A. Pearthree, and Stephen J. Reynolds
November 2013, revised March 2015 following minor new mapping by J. Spencer near Maggie Wash

## Structure Symbols

- Bedding
- Bedding, approximate
- Bedding, horizontal
- Apparent dip, inclined
- Apparent dip, horizontal
- Gneissic layering
- Dip of contact or fault
- Fault or vein orientation
- Cleavage
- Mylonitic foliation, horizontal
- Mylonitic foliation with lineation
- Mylonitic foliation with lineation, up-dip shear sense (reverse)
- Inclined metamorphic or tectonic foliation - showing strike and dip
- Inclined metamorphic or tectonic foliation parallel to transposed bedding - showing strike
- Schistosity
- Flow banding
- Horizontal mylonitic lineation
- Inclined generic lineation or linear structure - showing trend and plunge
- Fault striation

1 0.5 0 1 Miles

1 0.5 0 1 Kilometers

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