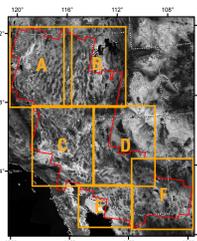


Data is Landsat Thematic Mapper, band 3 grayscale image
Universal Transverse Mercator projection, zone 11N
100 North American Datum

INDEX TO PLATES 2A-F AND 3A-F



Data is Landsat Thematic Mapper, band 3 grayscale image
Universal Transverse Mercator projection, zone 11N
100 North American Datum

EXPLANATION OF INDEX MAP
 - - - International boundary
 - - - State boundary
 - - - Boundary of ASTER imagery
 - - - Boundary of plates in this report
 0 50 100 Miles
 0 100 200 Kilometers

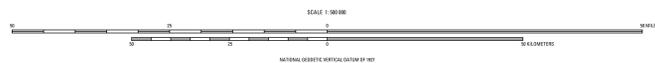


Plate 3F. Map Showing Hydrothermally Altered Rocks (Not Including Hydrothermal Silica-Rich Rocks)

Hydrothermal Alteration Maps of the Central and Southern Basin and Range Province of the United States Compiled From Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) Data

By
John C. Mars
2013

EXPLANATION
 Hydrothermally altered rocks mapped using Advanced Thermal Emission and Reflection Radiometer (ASTER) data
 Phyllic rocks (sericite, muscovite)
 Argillic rocks (kaolinite, kaolinitic,rophyllite)
 Propylitic rocks (epidote, chlorite)
 Propylitic rocks (calcite, dolomite)
 - - - Boundary of ASTER imagery
 - - - International boundary
 - - - State boundary

Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government.
 This file contains a collection of digital data files that are the result of processing raw data from the Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) instrument on board the Terra satellite. The data files are in the form of a compressed archive file (zip) and are available for download from the U.S. Geological Survey Data Store. For more information, visit the U.S. Geological Survey Data Store website at <http://data.usgs.gov>.
 Digital files available at <http://data.usgs.gov> 10.7927/1023/1139