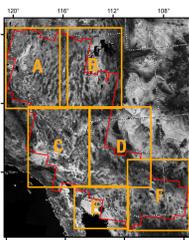


Base is Landsat Thematic Mapper, level 3 grayscaled image  
Datum: Transverse Mercator projection, zone 11N  
102 North American Datum

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



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

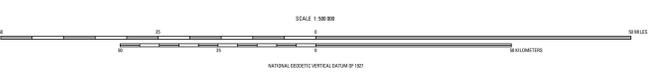


Plate 3D. Map Showing Hydrothermally Altered Rocks (Not Including Hydrothermal Silica-Rich Rocks)

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  
Yellow Phyllic rocks (sericite, muscovite)  
Red Argillic rocks (kaolinite, kaolinitic, pyrophyllite)  
Green Propylitic rocks (epidote, chlorite)  
Blue Propylitic rocks (calcite, dolomite)  
Red Boundary of ASTER imagery  
--- State boundary

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This map and product are an electronic, geospatial data file. Dissemination and use are limited to the Department of the Interior, U.S. Geological Survey, and are not for sale. For more information, contact the U.S. Geological Survey, 3149 National Center, Reston, VA 20192.  
Digital data available at: <http://dx.doi.org/10.7927/H4T3-9303>  
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