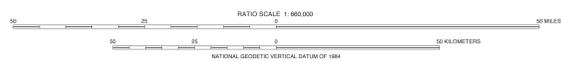
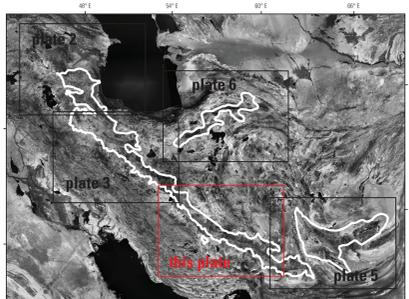


Base is Landsat Thematic Mapper band 7
grayscale image (http://landsat.usgs.gov)
Universal Transverse Mercator projection

ASTER
Advanced Spaceborne Thermal Emission and Reflection
Radiometer (ASTER) data were used to map hydrothermal
alteration, including phyllic and argillic altered rocks



Advanced Spaceborne Thermal Emission and Reflection
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Index map showing location of this ASTER hydrothermal alteration map area (red outline), bordering map
areas (black outlines), and volcanic belt boundaries (white outlines).

EXPLANATION
[NOTE FOR PLOT USERS: Small, isolated data
areas may be difficult to see on plots; see files for
detail (http://pubs.usgs.gov/sir/2010/5090a/).]
Alteration units, mapped using ASTER data
Phyllic-altered rocks
Argillic-altered rocks
Volcanic belt boundary

ASTER Hydrothermal Alteration Map of the South-Central Urumieh-Dokhtar Volcanic Belt, South-Central Iran

By
John C. Mars
2014

155N-122W-02B-02B
http://dx.doi.org/10.21203/rs.3.rs100000

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Suggested citation: Mars, J.C., 2014, ASTER hydrothermal alteration map of the south-central Urumieh-Dokhtar volcanic belt, South-Central Iran, U.S. Geological Survey, Scientific Investigations Report 2010-5090-0, 10 pages, and spatial data, available at <http://dx.doi.org/10.21203/rs.3.rs100000>
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