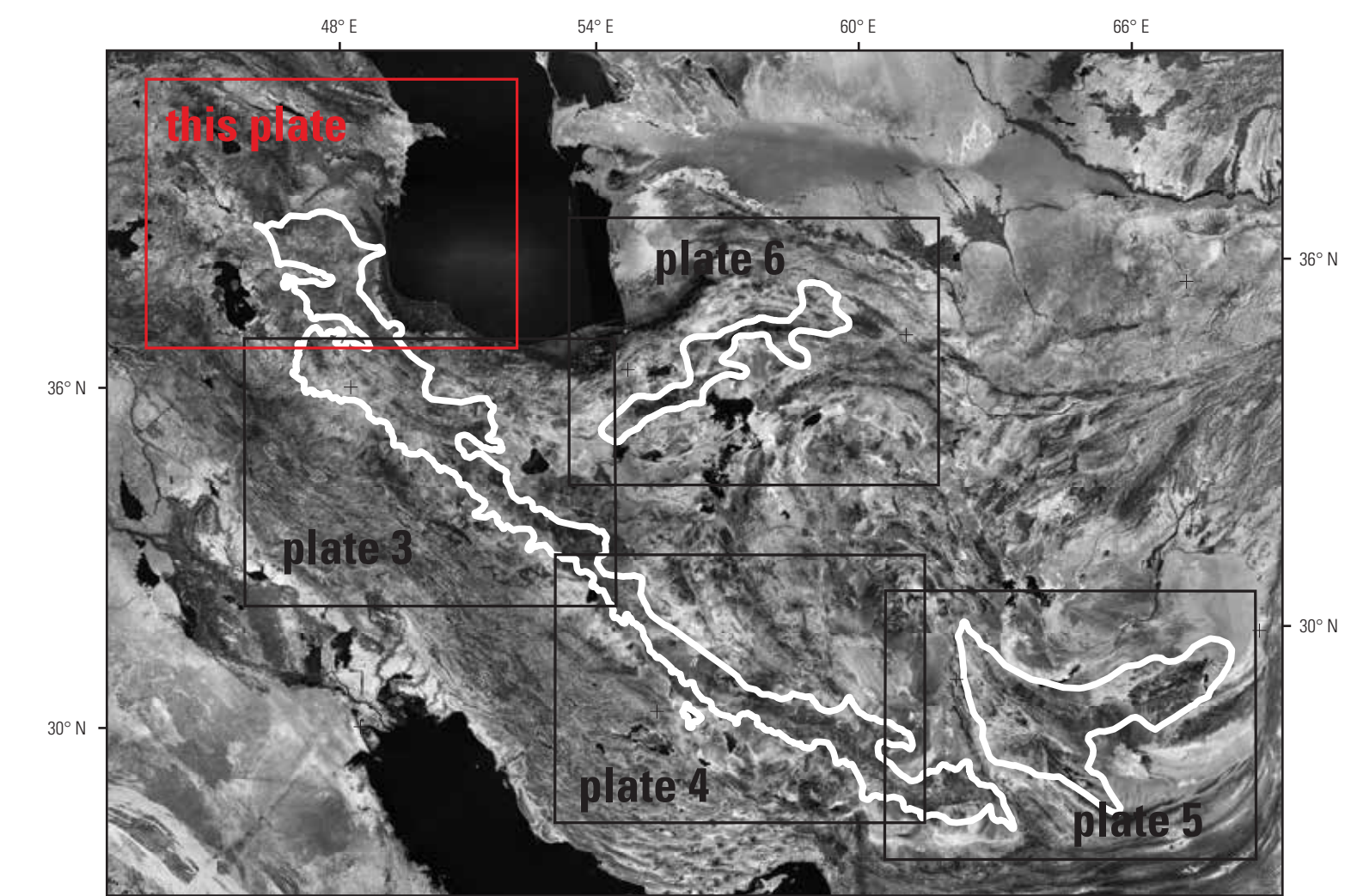


Base is Landsat Thematic Mapper, band 7
grayscale image (<http://landsat.usgs.gov>)
Universal Transverse Mercator projection

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



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

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

By
John C. Mars
2014

ISSN 2328-0328 (online)
http://dx.doi.org/10.31233/osf.io/2t3600600

This 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 map was printed on an electronic plotter directly from digital files. Dimensional tolerances may vary between electronic plotters and between X and Y directions on the same plotter, and paper may change size due to atmospheric conditions; therefore, scale and position are not guaranteed.

For sale by the U.S. Department of Commerce, Information Services, Desk 52306, Federal Center, Denver, CO 80255, 1-888-ASK-1003

Digital files available at <http://data.ksc.nasa.gov/pw/20090909/>

Suggested citation: Mann, J. L., 2014. ASTER hydrothermal alteration map of the northwestern Unalakleet volcanic belt, northwestern Yukon, dated 2 March, J. L., 2014. Regional mapping of hydrothermally altered igneous rocks along the Unalakleet-Dettah, Canada, and Athabasca Belts of western Yukon using Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) data and a hydrothermal alteration index. *Journal of Volcanology and Geothermal Research*, 274, 1-16. doi:10.1016/j.jvolgeores.2014.05.005

Scientific data and information are in the public domain in the United States of America and may be used and reprinted without permission. Scientific data and information are not to be used for advertising or promotional purposes, for creating new trademarks, or for resale.