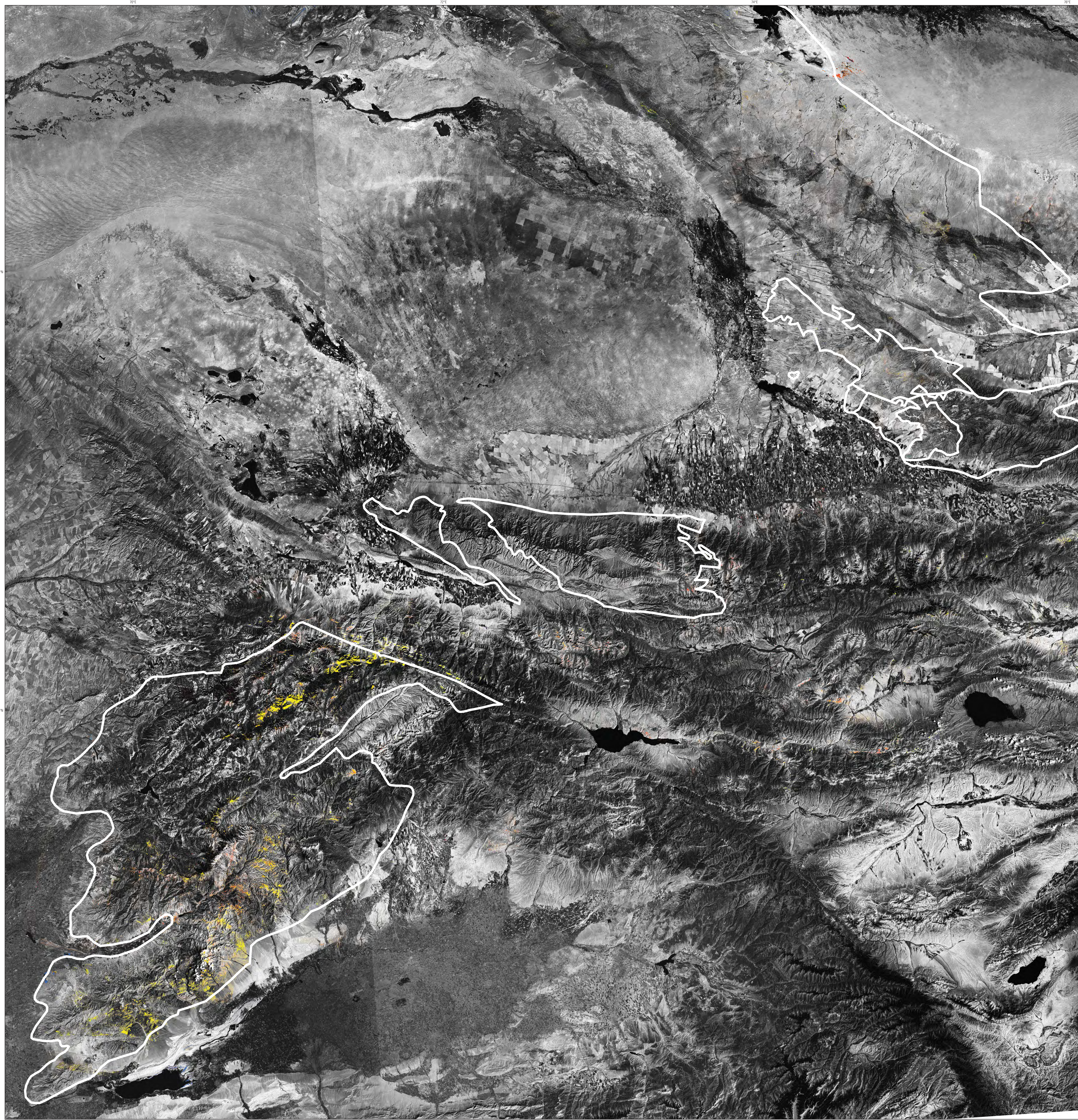
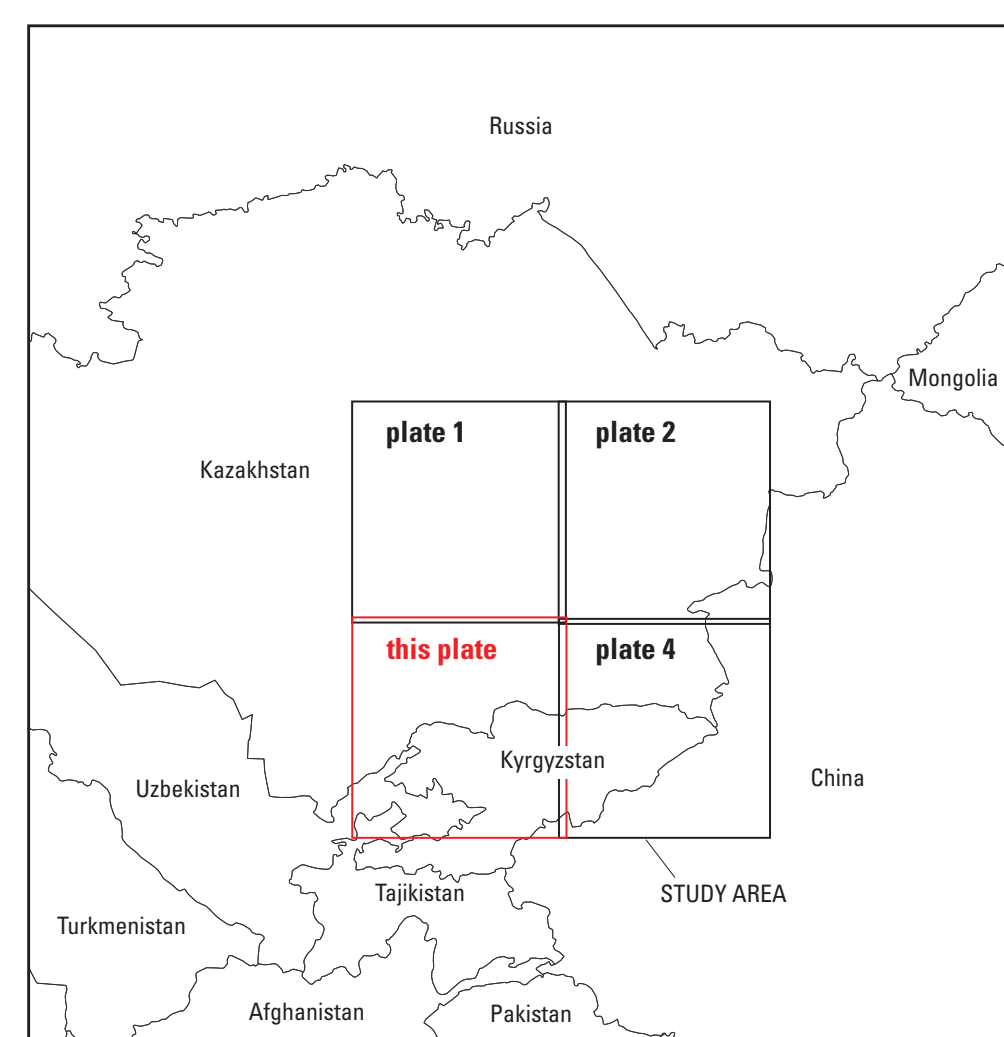


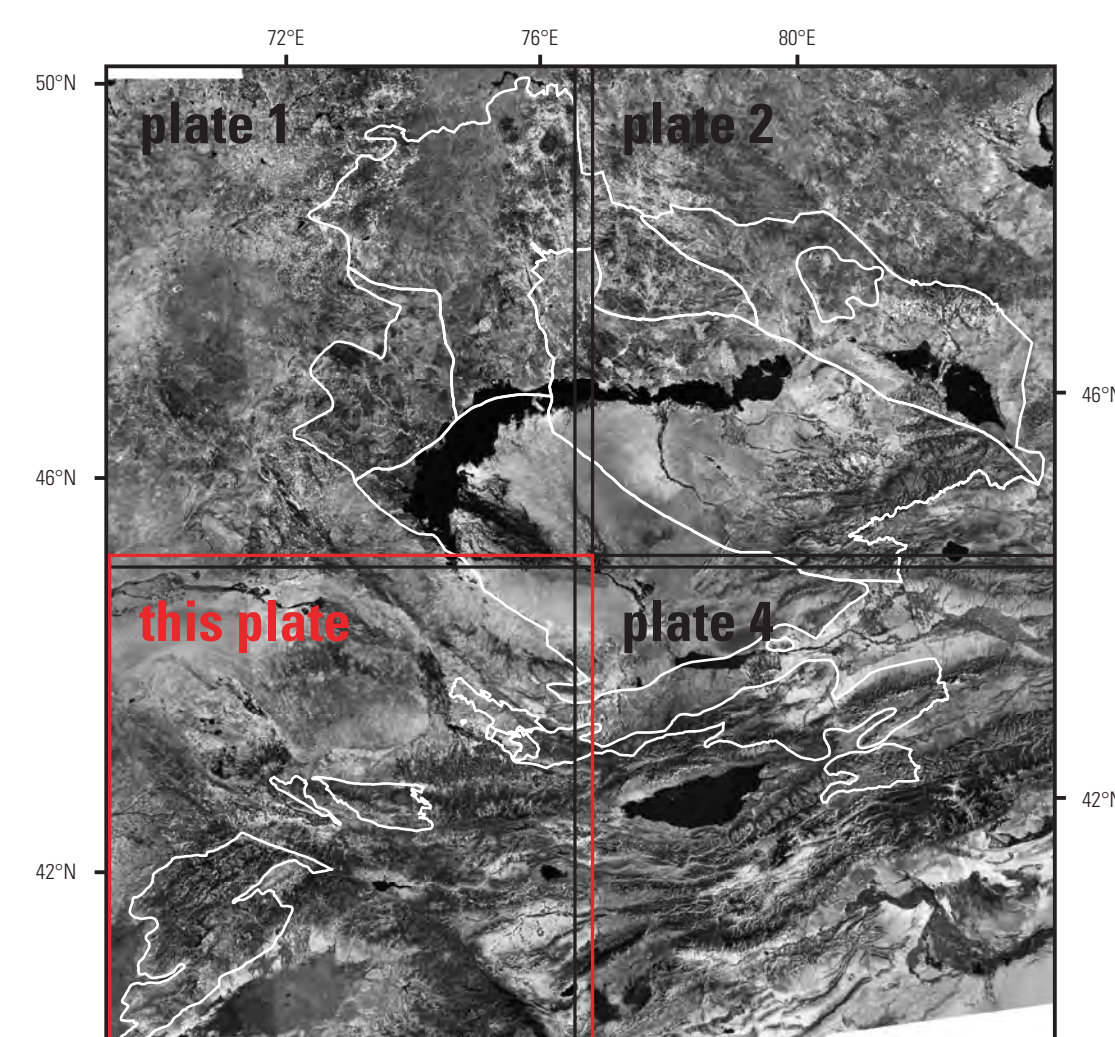


Base is Landsat Thematic Mapper, band 7
grayscale image (<http://landsat.usgs.gov>)
Universal Transverse Mercator projection

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



Index map showing location of study area, this map area (red outline), and bordering map areas (black outlines).



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

ASTER Hydrothermal Alteration Map of Southwestern Part of Study Area, Southern Kazakhstan, Uzbekistan, Tajikistan, Kyrgyzstan, and Western China, Western Central Asia

By
John C. Mars
2014

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/2010/5090/n/i>)]

Alteration units, mapped using ASTER data

- Phyllic-altered rocks
 Silicic-altered rocks
 Argillic-altered rocks
 Permissive tract boundary

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This map was printed on an electronic plotter directly from digital files. Dimensional calibration may vary between electronic plotters and between X and Y dimensions on the same plotter, and paper may change size due to atmospheric conditions; therefore, scale and properties may not be true on prints of this map.

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