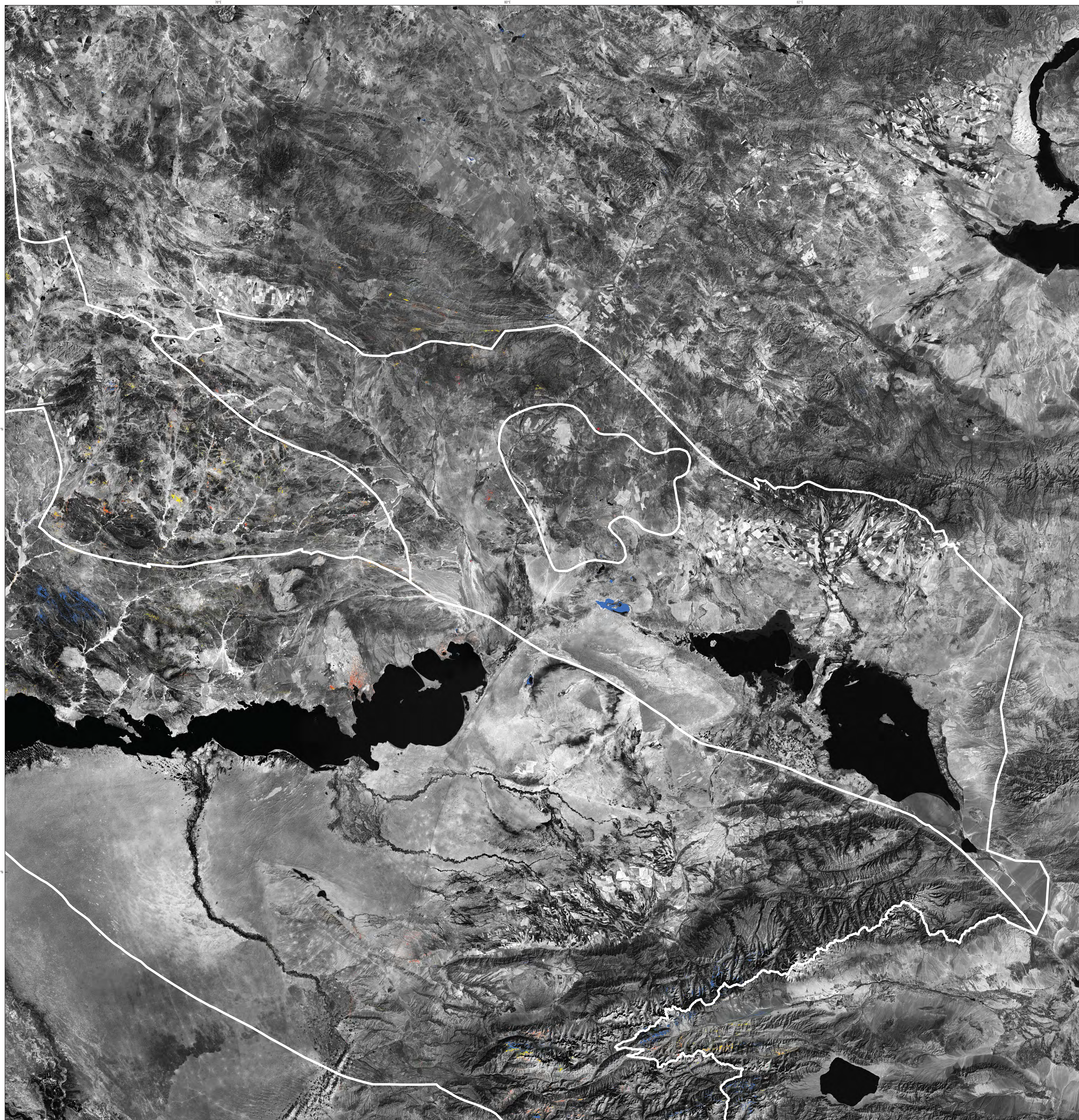
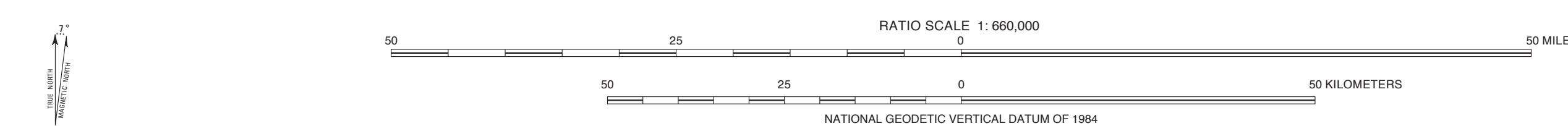
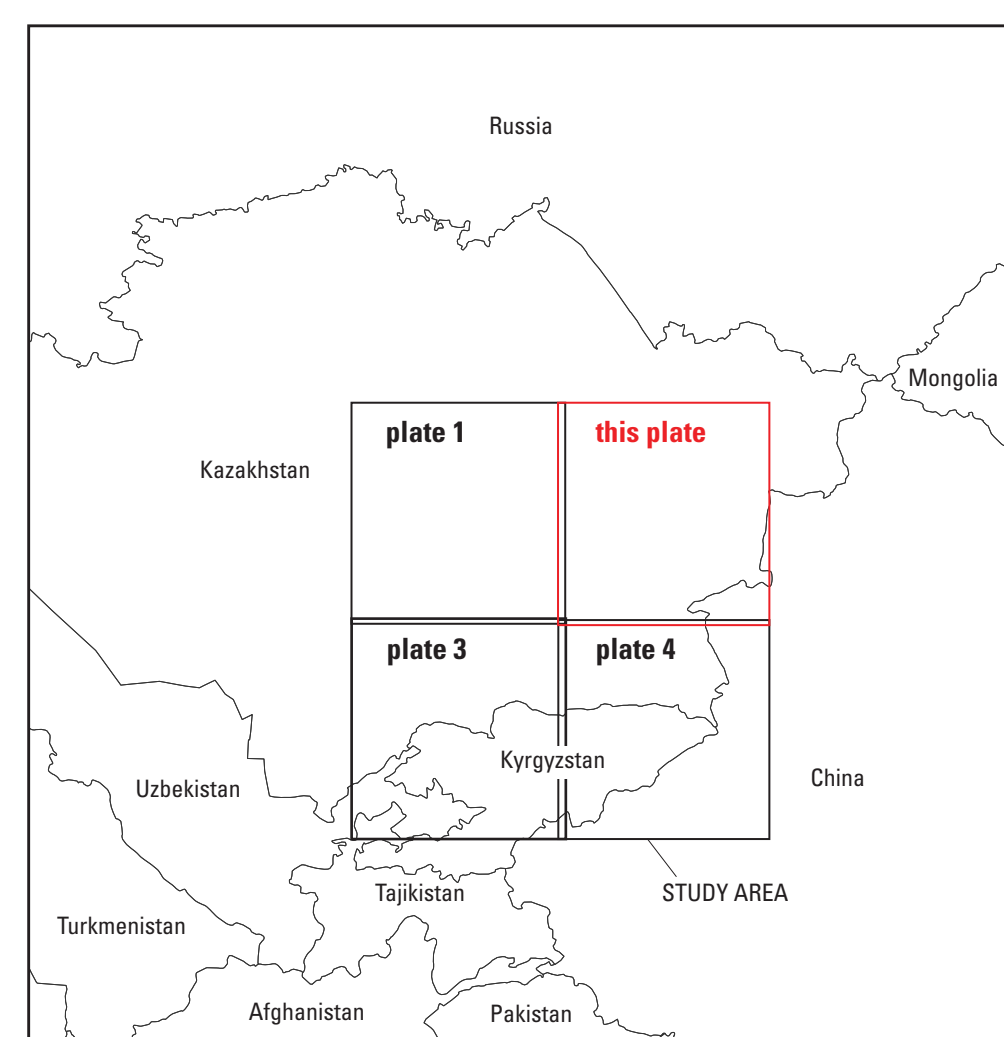




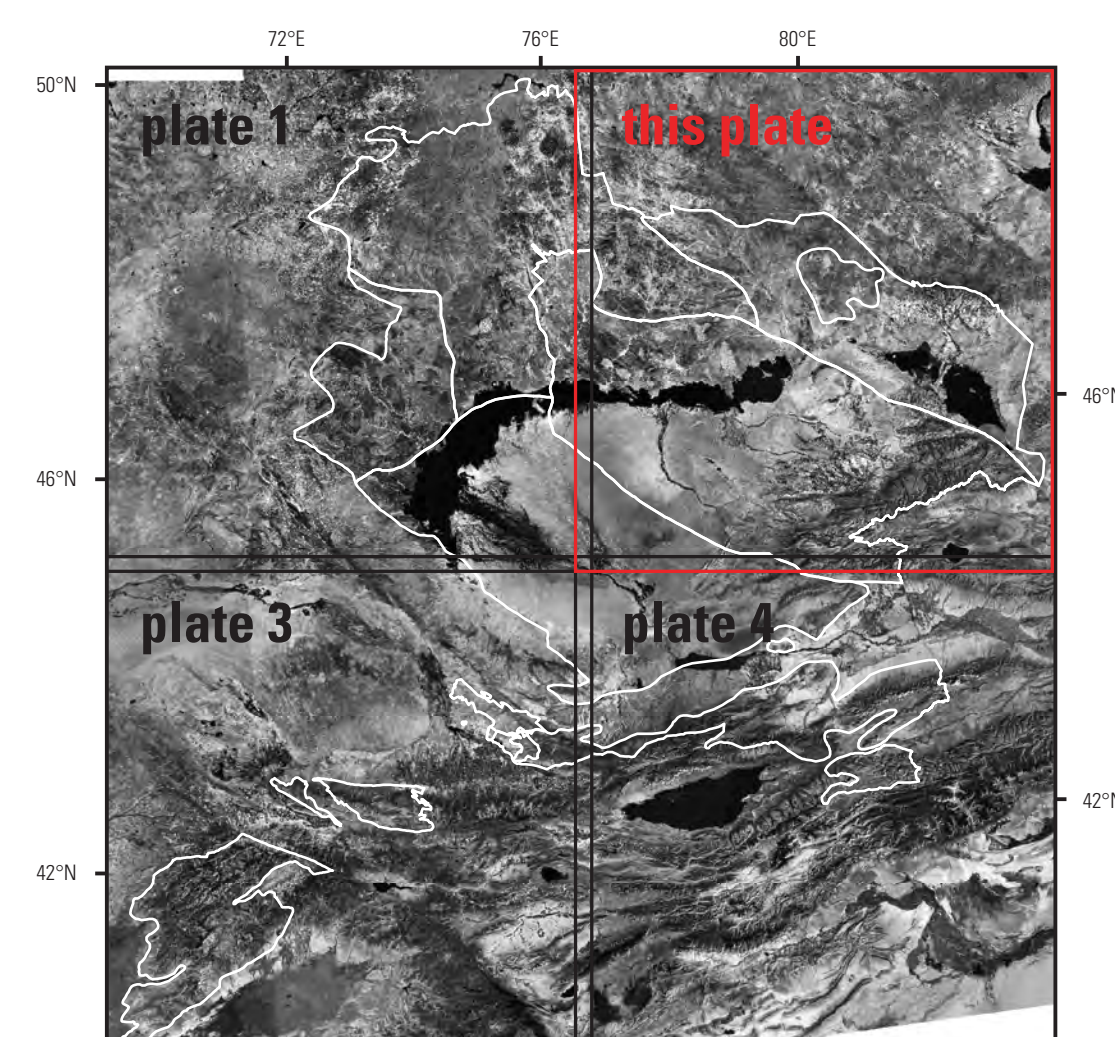
Base is Landsat Thematic Mapper, band 7
grayscale image (<http://landsat.usgs.gov>)
Universal Transverse Mercator projection



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 Northeastern Part of Study Area, Eastern Kazakhstan 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/>)]

Alteration units, mapped using ASTER data



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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 directions on the same plotter, and paper may change size due to atmospheric conditions; therefore, scale and proportions may not be true to scale.

For sale by U.S. Geological Survey, Information Services, Box 25286, Federal Center, Denver, CO 80225, 1-888-ASX-USGS

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