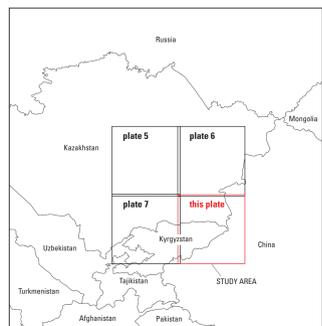


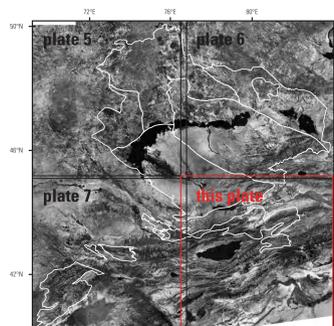
Based on Landsat Thematic Mapper, band 7 grayscale image (<http://landsat.usgs.gov/>)
Universal Transverse Mercator projection

50 25 0 50 KILOMETERS
50 25 0 50 MILES
RATIO SCALE 1:860,000
NATIONAL GEODETIC VERTICAL DATUM OF 1984

Adapted from: USGS, 2010. ASTER hydrothermal alteration map and potential porphyry copper sites of southeastern part of study area, southeastern Kazakhstan, Kyrgyzstan, and western China, western Central Asia, plate 8 in Series: S.I. Mars, C. Deering, P.D. Phillips, C.D. Hemenway, J.R. Crum, M.L. Clark, C.J. and others, U.S. Geological Survey, 2010-5090-N, 27 p., 4 plates, and related data, <http://dx.doi.org/10.7927/H4T3-0108/0800>



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).

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

- Phyllic-altered rocks
- Silicic-altered rocks
- Argillic-altered rocks
- Permissive tract boundary
- Potential porphyry copper site

ASTER Hydrothermal Alteration Map and Potential Porphyry Copper Sites of Southeastern Part of Study Area, Southeastern Kazakhstan, Kyrgyzstan, and Western China, Western Central Asia

By
John C. Mars
2014

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This map was printed as an electronic platelet directly from digital files. Dimensional calibration may vary between electronic printouts and between print runs. Therefore, the user should verify the map's dimensions, scale, and projection before use. The map is available in PDF format at <http://pubs.usgs.gov/sir/2010/5090/n/>.

For more information, contact the U.S. Geological Survey, Information Services, Room 7208B, Federal Center, Denver, CO 80202, 1-800-455-6755.

Digital files available at <http://pubs.usgs.gov/sir/2010/5090/n/>.

Supporting information: Mars, J.C., 2014. ASTER hydrothermal alteration map and potential porphyry copper sites of southeastern part of study area, southeastern Kazakhstan, Kyrgyzstan, and western China, western Central Asia, plate 8 in Series: S.I. Mars, C. Deering, P.D. Phillips, C.D. Hemenway, J.R. Crum, M.L. Clark, C.J. and others, U.S. Geological Survey, 2010-5090-N, 27 p., 4 plates, and related data, <http://dx.doi.org/10.7927/H4T3-0108/0800>.

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