

DATA SUMMARY

This map was produced from several large digital datasets. Topography was derived from Shuttle Radar Topography Mission (SRTM) 85-m contour digital data. Gaps in the original dataset were filled with data digitized from contours on 1:200,000-scale maps of the State of Afghanistan (1978-1979). Contours were generated by cubic-spline interpolation averaged over four pixels using 'TINmips' surface-modeling capabilities. Cultural data were extracted from files downloaded from the Afghanistan Information Management Service (AIMS) Web site (<http://www.aims.gov.af>). The AIMS files were originally derived from maps provided by the Afghanistan Geospatial and Cartography Head Office (AGCHO). Geologic data were obtained from international boundary files. These files were taken directly from Abdullah and Chmyrnov (1977).

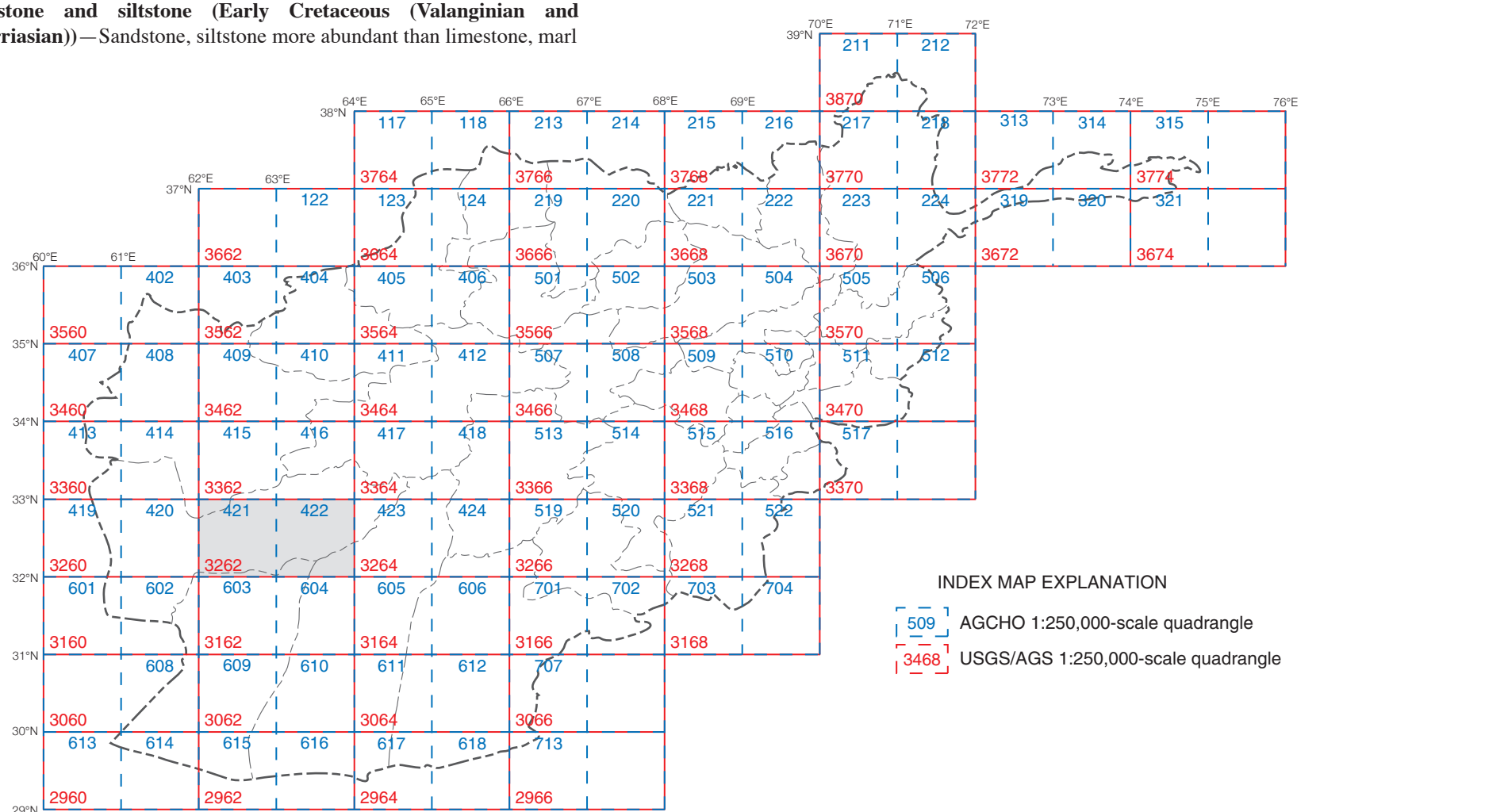
It is the primary intent of the U.S. Geological Survey (USGS) to present the geographic data in a useful format while making them publicly available. These data are presented in a state that is not intended to be used as a basis for any legal interpretation of the original data. Released in the late 1970s (Abdullah and Chmyrnov, 1977), the USGS has made no attempt to modify original geologic map-unit boundaries and faults; however, modifications to map-unit symbology, and minor modifications to map-unit descriptions, have been made to clarify misinterpretations and to modernize the map-unit descriptions. The geologic map-unit descriptions were modified to reflect an interpretation of the original data, because no CMLi database was presented by Abdullah and Chmyrnov (1977).

This map is part of a series that includes a geologic map, a topographic map, a Landsat TM color-coded map, and a map of the State of Afghanistan. The map series is titled 'Afghanistan Geologic Survey' quadrangles shown on the index map. The maps for any given quadrangle have the same open-file number but a different letter suffix, namely, -A, -B, -C, and -D for the geologic, topographic, Landsat natural-color, and Landsat false-color maps, respectively. The present map series is to be followed by a second set of maps, which will include a map of the State of Afghanistan, a map of the State of Afghanistan, limited fieldwork, and library research. The second series is to be produced by the USGS in cooperation with the AGS and AGCHO.

REFERENCE CITED

Abdullah, Sh., and Chmyriov, V.M., eds., 1977, Map of mineral resources of Afghanistan: Kabul, Ministry of Mines and Industries of the Democratic Republic of Afghanistan, Department of Geological and Mineral Survey, V/O "Technoexport" USSR, scale 1:500,000.

¹Geospatial analysis software developed by MicroImages, Inc., Lincoln, NE 68508-2010.



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