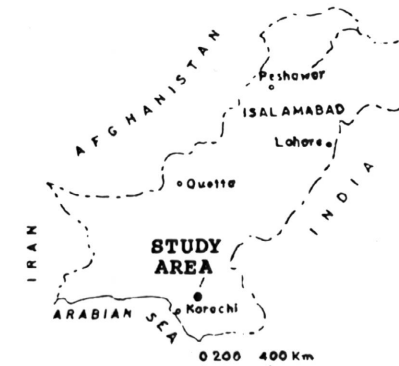


Base map metric grid digitally generated by USGS, Reston, Virginia. Data points located relative to grid from best available information. Latitude and longitude adjusted to grid from Survey of Pakistan 1:50,000 scale topographic maps on paper copy. Selected drainage and cultural features added later at USGS from same topographic maps and are shown for reference only.

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards, the North American Stratigraphic Code, or the Stratigraphic Code of Pakistan.

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SCALE 1:50,000

1 2 3 4 5 6 7 8 9 KILOMETERS

1 2 3 4 5 MILES

PREPARED JOINTLY BY THE GEOLOGICAL SURVEY OF PAKISTAN
AND THE UNITED STATES GEOLOGICAL SURVEY
UNDER THE AUSPICES OF THE UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT



GEOLOGIC ASSURANCE CATEGORIES, JHERRUCK AREA OF THE SONDA COAL FIELD, SINDH PROVINCE, PAKISTAN

By
John R. SanFilipo, Shafique A. Khan, and Altaf H. Chandio
1993