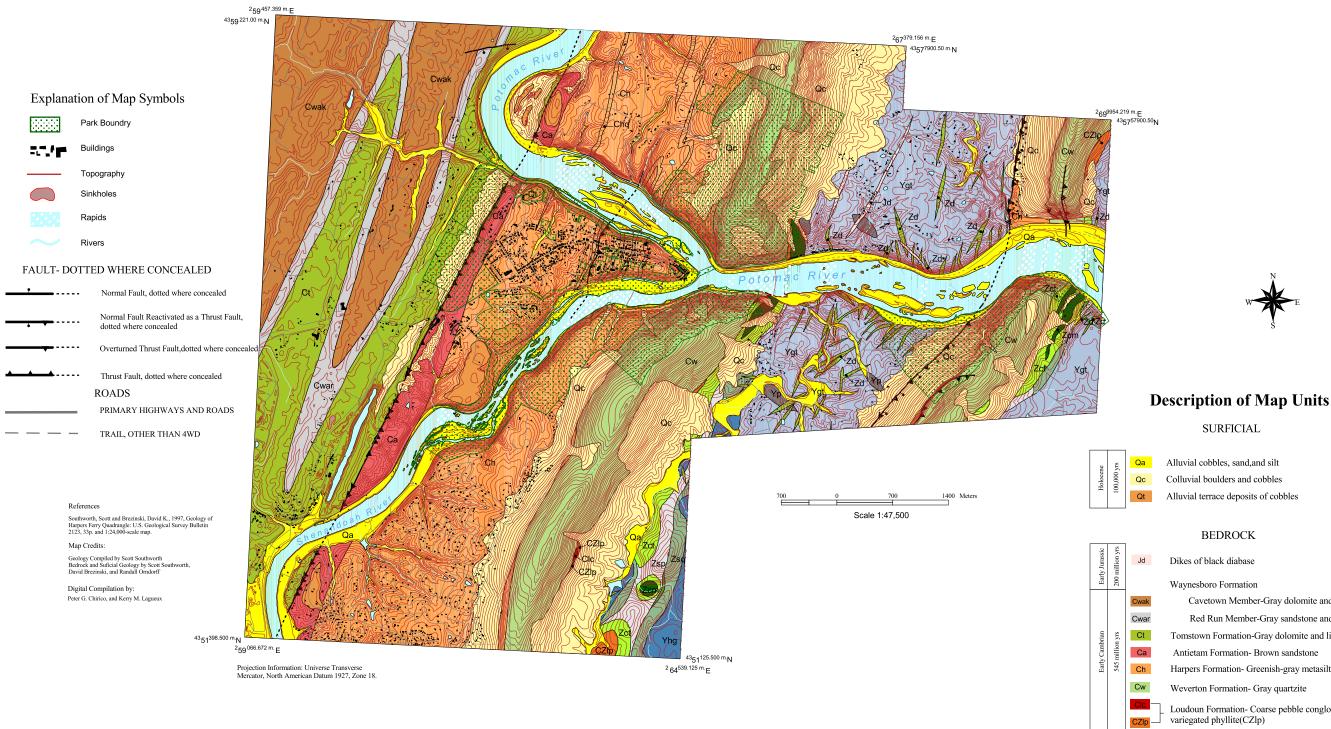
US DEPARTMENT OF THE INTERIOR
US GEOLOGICAL SURVEY

Prepared in Cooperation with the National Park Service and the Maryland Geological Survey



GEOLOGIC MAP OF HARPERS FERRY NATIONAL HISTORICAL PARK, WEST VIRGINIA, MARYLAND, AND VIRGINIA

by

Scott Southworth, David K. Brezinski*, Randall C. Orndorff, Kerry M. Lagueux, and Peter G. Chirico *Maryland Geological Survey

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2000

Dikes of black diabase Waynesboro Formation Cavetown Member-Gray dolomite and limestone Red Run Member-Gray sandstone and sandy dolomitic limestone Tomstown Formation-Gray dolomite and limestone Antietam Formation- Brown sandstone Harpers Formation- Greenish-gray metasiltstone and sandstone (Chq) Weverton Formation- Gray quartzite Loudoun Formation- Coarse pebble conglomerate (Clc) and variegated phyllite(CZlp) Catoctin Formation- Green metabasalt (Zcm) and phyllite (Zct) Zd Zsm Zd Dikes of green metadiabase Swift Run Formation- White dolomitic marble (Zsm), tan phyllite (Zsp), Zsp and tan quartzite(Zsq) Ygt Garnet monzogranite- gray granite with red garnets and spots of green chlorine Yhg Hornblende monzonite gneiss- Brown and gray massive gneiss with green hornblende Yp Garnet graphite paragneiss- Rusty brown and red schist with specular graphite and red garnets