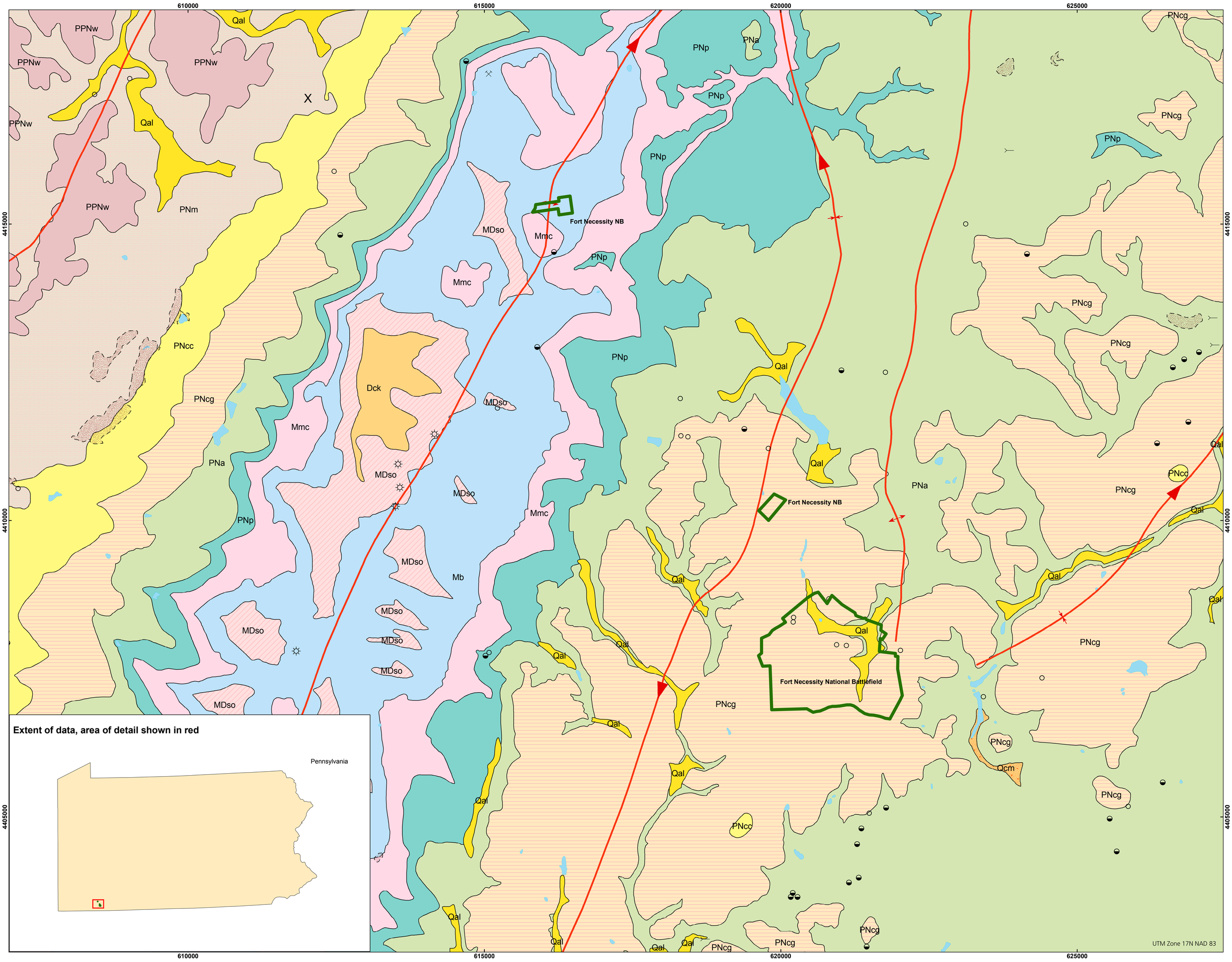
Fort Necessity National Battlefield
Pennsylvania

National Park Service
U.S. Department of the Interior

Geologic Map of Fort Necessity National Battlefield



NPS Boundary

Mine Point Features
- well
- groundwater testing well
- gas well
- oil well
- gravel pit
- quarry
- adit
- mine
- mine dump
- tipple; mine related structure

Mine Area Feature Boundaries
- Mine Area Feature Boundaries

Mine Area Features
- area mine
- mine dump
- tailings pond

Fault and Fold Map Symbology
- anticline symbol
- fold plunge arrowhead
- left-lateral fault symbol
- syncline symbol

Folds
- known or certain

Linear Dikes
- Jk: Gates-Adah Dike, Queried

Geologic Contacts
- known or certain
- approximate
- concealed
- concealed and queried
- quadrangle/map boundary
- shoreline
- subaqueous

Surficial Geologic Units
- Qal - Alluvium
- Qcm - Carmichaels Formation
- Water

Geologic Units
- Pg - Greene Formation
- Pw - Washington Formation
- PPNw - Waynesburg Formation
- PNm - Monongahela Group
- PNu - Uniontown Formation
- PNpb - Pittsburgh Formation
- PNcc - Casselman Formation
- PNcg - Glenshaw Formation
- PNa - Allegheny Group
- PNp - Pottsville Group
- Mmc - Mauch Chunk Formation
- Mb - Burgoon Sandstone
- MDso - Shenango Oswayo Rm. Undivided
- Dck - Catskill Formation
- Df - Foreknobs Formation

0 2 4 Kilometers
0 1 2 Miles

Display scale is greater than the scale map.

Produced by the Geologic Resources Inventory

This map graphically presents digital geologic data prepared as part of the NPS Geologic Resources Division's Geologic Resources Inventory. The source maps used in creation of the digital geologic data product were:

McElroy, T.A., 1988. Groundwater Resources of Fayette County, Pennsylvania. Scale 1:50,000. Water Resource Report W 60. Pennsylvania Geological Survey

Stone, J.D., D.R. Williams, T.F. Buckwalter, J.K. Felbinger, K.L. Pattison. 1987. Water Resources and the Effects of Coal Mining, Greene County, Pennsylvania. Scale 1:50,000. W 63. Pennsylvania Geological Survey

Digital geologic data and cross sections for Fort Necessity National Battlefield and all other digital geologic data prepared as part of the Geologic Resources Inventory, are available online at the NPS Data Store: http://science.nature.nps.gov/nrdata/

April 2009