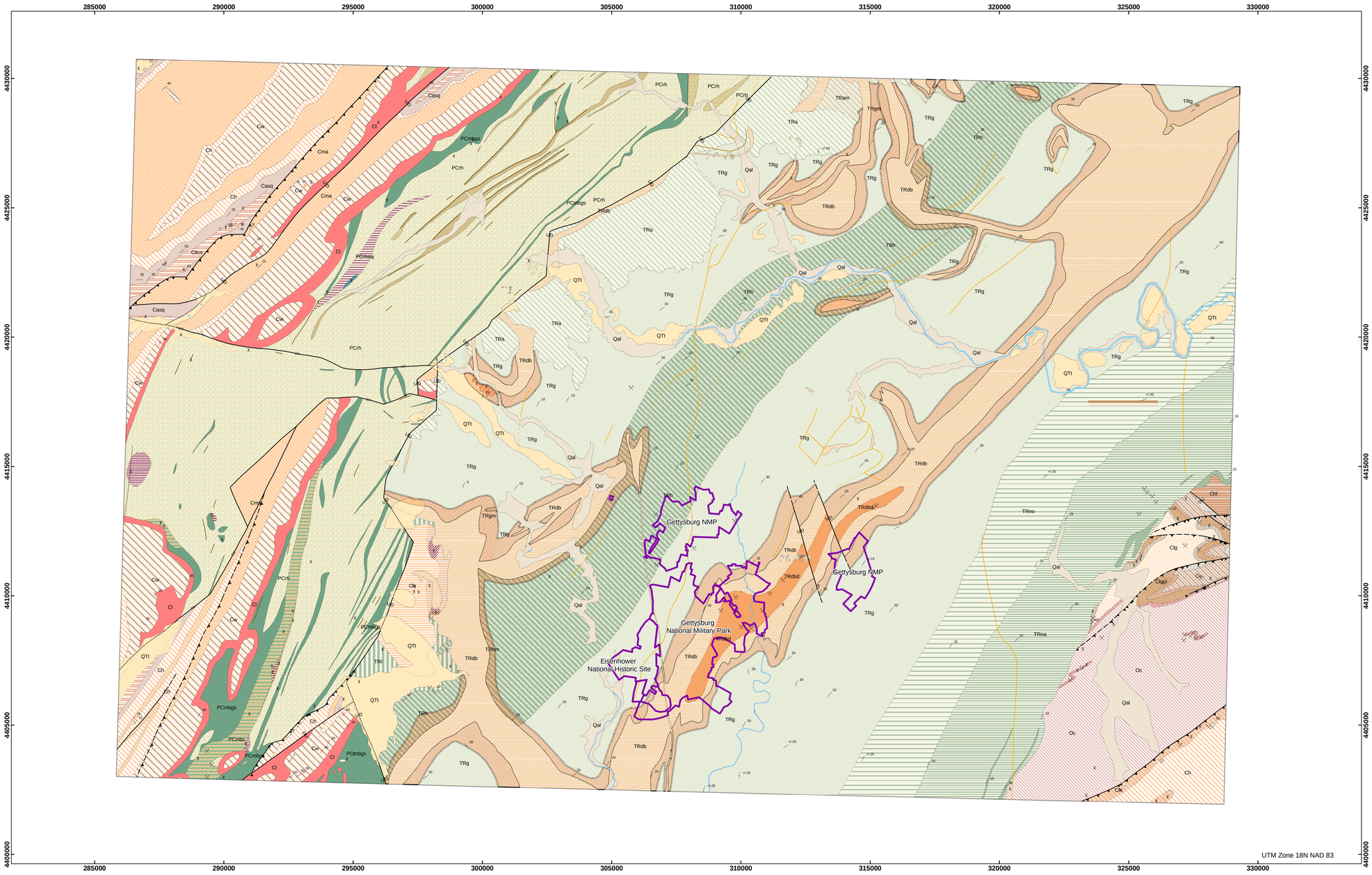
Geologic Map of Gettysburg NMP & Eisenhower NHS



Geologic Units

- Water
- Qal - Alluvium
- QTt - Terraces gravel and alluvial cones
- TRdb - Diabase
- TRdbd - Diabase, building stone
- TRl - Gettysburg Shale, Limestone conglomerate lentil
- TRlm - Gettysburg Shale, Limestone conglomerate lentil, magnetite possible
- TRlgm - Gettysburg Shale, Limestone conglomerate lentil
- TRa - Gettysburg Shale, Arendtsville fanglomerate lentil
- TRam - Gettysburg Shale, Arendtsville fanglomerate lentil, magnetite possible
- TRh - Gettysburg Shale, Heidlersburg member
- TRhm - Gettysburg Shale, Heidlersburg member, magnetite possible
- TRg - Gettysburg Shale
- TRgm - Gettysburg Shale, magnetite possible
- TRgmm - Gettysburg Shale, magnetite
- TRno - New Oxford Formation
- TRna - New Oxford Formation, New Oxford arkose
- TRnc - New Oxford Formation, New Oxford conglomerate
- Ob - Beekmantown Limestone
- Obg - Beekmantown Limestone, garnet possible
- Obgm - Beekmantown Limestone, garnet abrasive
- Oc - Conestoga Limestone
- Ocsds - Conestoga Limestone, Conestoga shale and sand, building sand
- Ocs - Conestoga Limestone, Conestoga sandy beds
- Ctics - Tomstown Dolomite, brown iron ore, white paper clay and building sand
- Clg - Ledger Dolomite
- Clgpl - Ledger Dolomite, pure limestone
- Clmmb - Ledger Dolomite, Ledger Limestone Marble, marble
- Ck - Kinsers Formation
- Cv - Vintage Dolomite
- Ca - Antietam Sandstone
- Casq - Antietam Sandstone, building sand and quartzite building stone
- Ch - Harpers Schist
- Chi - Harpers Schist, iron ore
- Cma - Harpers Schist, Montalto Quartzite member
- Cw - Weverton Sandstone
- Cl - Loudoun Formation
- Cc - Chickies Quartzite
- Chl - Chickies Quartzite, Hellam conglomerate member
- PCmb - Metabasalt
- PCmbgs - Metabasalt, greenstone
- PCmbc - Metabasalt, copper
- PCmbsaj - Metabasalt, monumental and jewelry stone
- PCrbsaj - Rhyolitic breccia, monumental and jewelry stone
- PCrbw - Rhyolitic breccia, whetstone
- PCrh - Aporhyolite
- PCrhsaj - Aporhyolite, monumental and jewelry stone
- PCsq - Sericite Schist and vein quartz
- PCsqss - Sericite Schist and vein quartz, sericite schist

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

Stose, G.W. and F. Bascom. 1929. Geologic Atlas of the United States, Fairfield-Gettysburg Folio No. 225, Pennsylvania. Scale 1:62,000. Department of the Interior, U.S. Geological Survey.

Digital geologic data and cross sections for Gettysburg NMP & Eisenhower NHS, 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/

0 4 8 16 Kilometers

0 2 4 8 Miles

NPS Boundary

Geologic Attitude and Observation Localities

- strike and dip of inclined beds
- strike and dip of inclined overturned beds
- strike of vertical beds
- strike of beds, dip amount unspecified

Mine Point Features

- prospect
- mine

Fault Map Symbology

- fault up 'U' indicator
- fault down 'D' indicator
- fault block movement direction arrows (right-lateral)
- fault block movement direction arrows (left-lateral)

Linear Dikes

- TRdb - diabase, known or certain
- TRdb - diabase, approximate
- TRdb - diabase, concealed
- TRb, Basalt Lava Flow, known or certain
- TRb, Basalt Lava Flow, concealed
- PCsq - Sericite schist and vein quartz, known or certain

Faults

- normal or strike-slip fault, known or certain
- normal fault, approximate
- normal or strike-slip fault, concealed
- thrust fault, known or certain
- thrust fault, approximate
- thrust fault, concealed

Alteration and Metamorphic Area Boundaries

- known or certain
- concealed
- gradational
- quadrangle boundary

Alteration and Metamorphic Areas

- area of contact metamorphism

Geologic Contacts

- known or certain
- approximate
- concealed
- inferred
- gradational
- quadrangle boundary
- water or shoreline
- subaqueous (inferred)

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Produced by the Geologic Resources Inventory

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