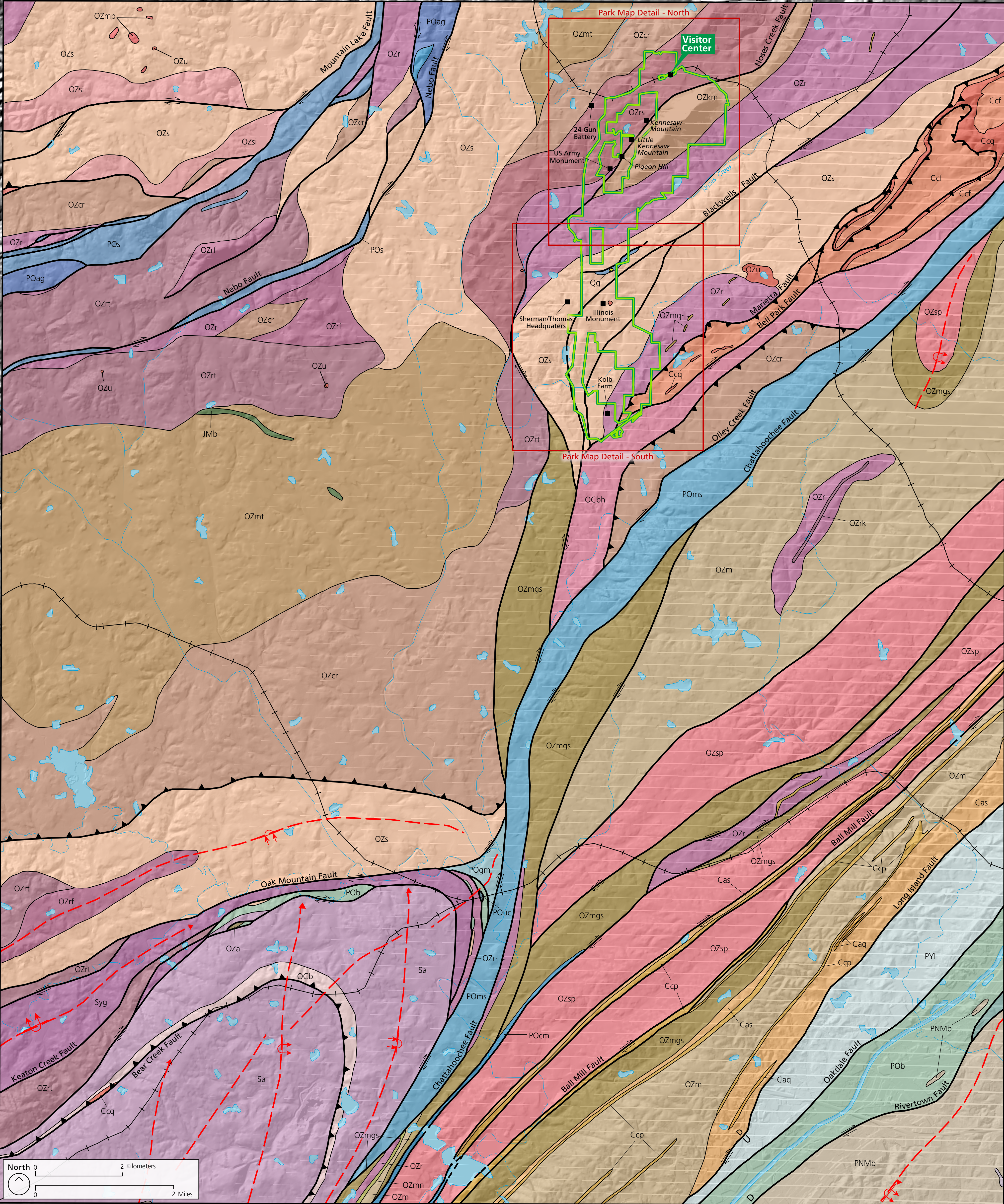


Geologic Map of Kennesaw Mountain National Battlefield Park

Georgia

National Park Service
U.S. Department of the Interior

Geologic Resources Inventory
Natural Resource Stewardship and Science



NPS Boundary

Point of Interest

Stream

Railroad

Folds

Faults

Geologic Contact

Geologic Units

Water

Gossan (Holocene?)

JMb Metatondhemite breccia (Mississippian? to Jurassic?)

PCmb Mylonitized Ben Hill Granite (Mississippian to Permian?)

POb Button schist (Upper Ordovician? to Permian?)

POcm Mylonitized Chattahoochee Palisades Quartzite (Upper Ordovician? to Permian?)

POgm Mylonitized garnet schist (Upper Ordovician? to Permian?)

POms Button schist and sheared amphibolite derived by shearing of mixed unit OZm (Upper Ordovician? to Permian?)

POpa Rocks of the Pine Mountain alteration zone (Upper Ordovician? to Permian?)

POs Garnet Hill type altered rocks (Upper Ordovician? to Permian?)

POag Chlorite schist (Upper Ordovician? to Permian?)

POuc Silicified schist and metagraywacke (Upper Ordovician? to Permian?)

PYl Long Island Creek Gneiss (Upper Ordovician? to Permian?)

PNMb Ben Hill Granite (Pennsylvanian and Mississippian)

DI Lithonia Gneiss, undivided (Devonian)

Sa Austell Gneiss (Early Silurian)

SYg Gothards Creek Gneiss (Middle Proterozoic? to Lower Silurian?)

OCb Bill Arp Formation (Cambrian? to Lower Ordovician?)

OCbh Informal Schist of Hulett facies (Cambrian? to Lower Ordovician?)

OZp Paulding Volcanic-Plutonic Complex of the Paulding allochthon (Late Proterozoic? to Middle Ordovician?)

OZmp Metapyroxenite (Late Proterozoic? to Middle Ordovician?)

OZu Altered meta-ultramafic rock (Late Proterozoic? to Middle Ordovician?)

OZs Stonewall Gneiss (Late Proterozoic? to Middle Ordovician?)

OZsp Stonewall Gneiss, Powers Ferry Member (Late Proterozoic? to Middle Ordovician?)

OZsi Stonewall Gneiss, Slabs (Late Proterozoic? to Middle Ordovician?)

OZa Amphibolite (Late Proterozoic? to Middle Ordovician?)

OZr Ropes Creek Metabasalt (Late Proterozoic? to Middle Ordovician?)

OZrk Ropes Creek Metabasalt, kyanite quartzite (Late Proterozoic? to Middle Ordovician?)

OZrt Ropes Creek Metabasalt, amphibolite (Late Proterozoic? to Middle Ordovician?)

OZrf Ropes Creek Metabasalt, plagioclase-hornblende gneiss (Late Proterozoic? to Middle Ordovician?)

OZcr Crider Gneiss (Late Proterozoic? to Middle Ordovician?)

OZmq Magnetite quartzite (Late Proterozoic? to Middle Ordovician?)

OZmt Unmapped metatondhemite gneisses (Late Proterozoic? to Middle Ordovician?)

OZkm Informal migmatite of Kennesaw Mountain (Late Proterozoic? to Middle Ordovician?)

OZs Spheroidally weathering amphibolite (Late Proterozoic? to Middle Ordovician?)

OZm Informal mixed unit (Late Proterozoic? to Middle Ordovician?)

OZmgs Informal mixed unit, garnet-rich schist (Late Proterozoic? to Middle Ordovician?)

OZmn Manganiferous schist and gondite (Late Proterozoic? to Middle Ordovician?)

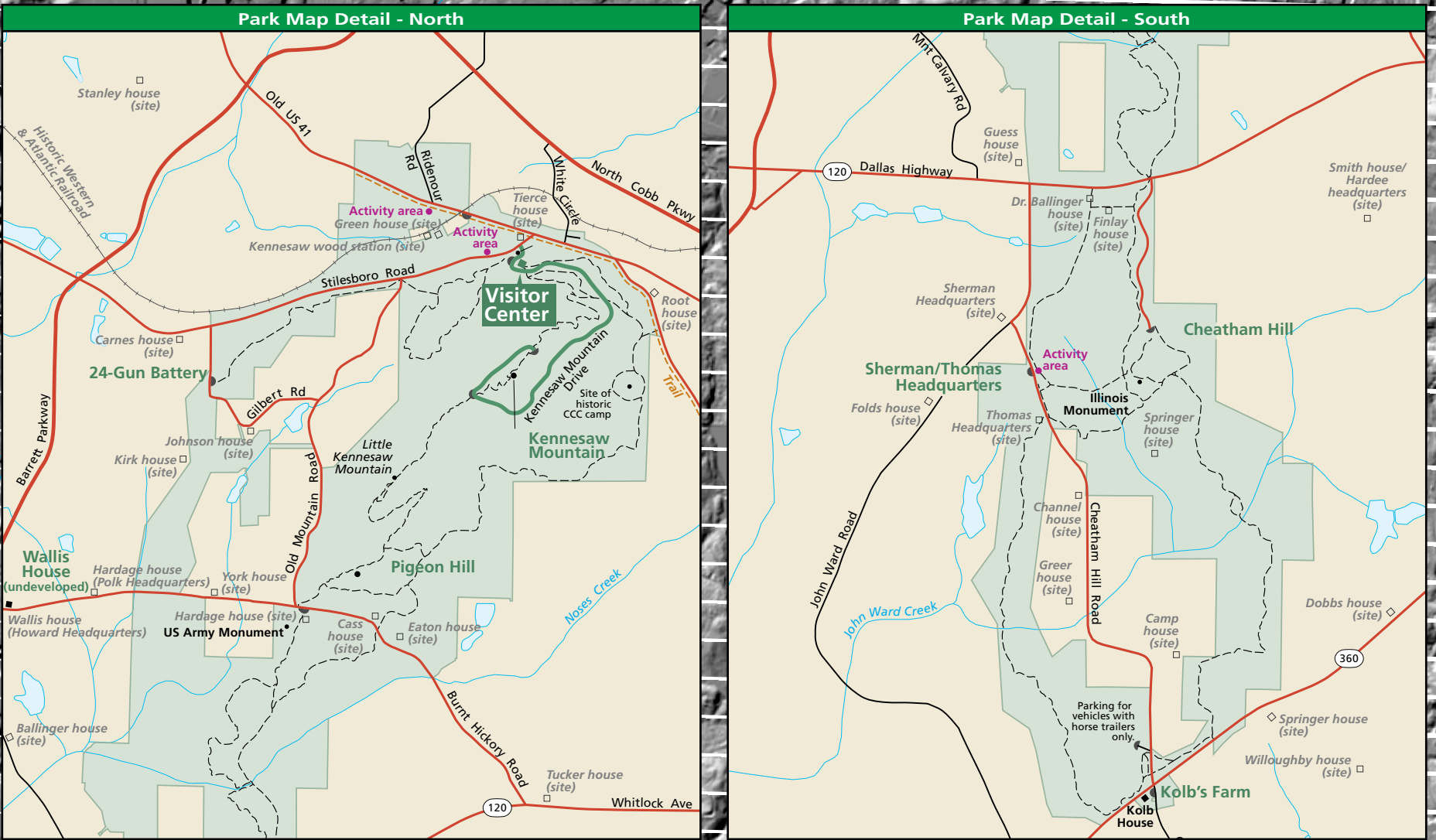
Ccf Crawfish Creek Formation (Cambrian and Cambrian?)

Ccq Crawfish Creek Formation, clean quartzite unit (Cambrian and Cambrian?)

Ccp Chattahoochee Palisades Quartzite (Cambrian?)

Cas Aluminous schist unit (Cambrian?)

Caq Aluminous schist unit, Muscovite quartzite (Cambrian?)



This map displays geologic map data compiled by the National Park Service Geologic Resources Inventory. It is not a substitute for site-specific investigations.

Source Map: Higgins, M.W., T.J. Crawford, R.L. Atkins, and R.F. Crawford. 2003. Geologic map of the Atlanta 30 x 60 Quadrangle, Georgia (scale 1:100,000). Geologic Investigations Series Map I-2602. US Geological Survey, Reston, Virginia.

Source Scale: 1:100,000. According to US National Map accuracy standards, features are within 50 m (166 ft) of their true location.

Poster Layout: George Hybels, Lucas Chappell, Thom Curdts (Colorado State University)

Poster Date: September 2021

All Geologic Resources Inventory geologic map data and publications are available at <https://go.nps.gov/gripubs>.

Location Map

Map showing the location of Kennesaw Mountain National Battlefield Park in Georgia, near Atlanta. The map includes state boundaries for Alabama, Tennessee, North Carolina, and South Carolina, and major highways (I-75, I-85, I-95, I-20, I-10, I-40, I-65, I-77, I-81, I-90, I-94, I-95, I-96, I-97, I-98, I-99, I-100, I-101, I-102, I-103, I-104, I-105, I-106, I-107, I-108, I-109, I-110, I-111, I-112, I-113, I-114, I-115, I-116, I-117, I-118, I-119, I-120, I-121, I-122, I-123, I-124, I-125, I-126, I-127, I-128, I-129, I-130, I-131, I-132, I-133, I-134, I-135, I-136, I-137, I-138, I-139, I-140, I-141, I-142, I-143, I-144, I-145, I-146, I-147, I-148, I-149, I-150, I-151, I-152, I-153, I-154, I-155, I-156, I-157, I-158, I-159, I-160, I-161, I-162, I-163, I-164, I-165, I-166, I-167, I-168, I-169, I-170, I-171, I-172, I-173, I-174, I-175, I-176, I-177, I-178, I-179, I-180, I-181, I-182, I-183, I-184, I-185, I-186, I-187, I-188, I-189, I-190, I-191, I-192, I-193, I-194, I-195, I-196, I-197, I-198, I-199, I-200, I-201, I-202, I-203, I-204, I-205, I-206, I-207, I-208, I-209, I-210, I-211, I-212, 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