

Explanation

CPSZ Central Piedmont Shear Zone

Modified from Horton and Dicken (2001)

Late Paleozoic Shear Zones

ph Phyllonite and phyllonitic schist (Late Paleozoic)

Plutonic And Associated Igneous Rocks

Late Paleozoic Rocks

Cg Granite (Carboniferous and Permian)

Middle Paleozoic Plutonic Rocks

DScg Gabbro (Devonian to Silurian)

Dp Pacolet granite (Devonian)

Dle Equigranular granite (Devonian)

Dlp Porphyritic granite (Devonian)

Pzgf Gneissic biotite granite to granodiorite (Paleozoic?)

Ogt Granite and associated metagranites (Ordovician?)

Plutons of Undetermined Affinity and Age

Pzgsa Granite (Paleozoic?)

CZgr Metagranite to metagranodiorite (Cambrian to Neoproterozoic)

CZdi Diorite (Cambrian to Neoproterozoic)

Early Paleozoic-Neoproterozoic Plutons and Subvolcanic Complexes

mtg Biotite metatonalite and granodiorite (Paleozoic or Neoproterozoic?)

Ztr Metatradnjhemite (Neoproterozoic?)

Zto Metatonalite (Neoproterozoic)

PzQz Metamorphosed quartz diorite to diorite (Paleozoic or Neoproterozoic?)

CZmd Metadiorite (Cambrian or Neoproterozoic?)

PzZg Metagabbro and minor metadiorite (Middle Paleozoic to Neoproterozoic?)

CZdg Metadiorite and minor metagabbro, Lockhart metadiorite (Cambrian or Neoproterozoic?)

Mafic-Ultramafic Complexes and Ultramafic Rocks

um Ultramafic rock, metamorphosed (Paleozoic or Neoproterozoic)

hgg Metagabbro

hgu Metamorphosed ultramafic rocks—Hornblendite, pyroxenite, serpentinite, and talc schist

Modified from NCGS (1998) and Horton and Dicken (2001)

Metamorphic Rocks

CZbg Biotite gneiss and schist

CZms Mica schist

CZab Amphibolite and biotite gneiss

CZpg Inequigranular biotite gneiss

CZbl Pacolet granite

CZfv Felsic metavolcanic rock

CZg Metamorphosed granitic rock

Zbt Metagabbro grading into amphibolite

Intrusive Rocks

Mc Granite

OCgm Migmatitic granitic gneiss

OCg Metamorphosed granitic rock

PPmg Foliated to massive granitic rock

PzZq Metamorphosed quartz diorite

DOg Granitic rock

— Faults modified from Hibbard et al. (2006)

Other Mapped Quadrangles, not shown

① Kings Mountain 7.5 minute quadrangle, Horton (2006), USGS OFR 2006-1238

② Grover 7.5 minute quadrangle, Horton (2006), USGS OFR 2006-1238

③ Blacksburg South 7.5 minute quadrangle, Nystrom (2004), SC Geological Survey

④ Kings Creek 7.5 minute quadrangle, Howard (2004), SC Geological Survey

⑤ Filbert 7.5 minute quadrangle, Nystrom (2003), SC Geological Survey