GEOLOGY AND MINERAL RESOURCES OF BUCKINGHAM COUNTY, VIRGINIA

Geology (see expanded explanation)

- diabase dike
- c1 - conglomerate, carbonate clasts
- br - breccia, mixed clasts
- ss - sandstone and siltstone
- Oa - Arvonia Formation, slate and porphyroblastic schist
- Cbg - quartzofeldspathic biotite gneiss
- Cmv - amphibolite, hornblende-biotite gneiss, and schist
- Cfv - foliated felsite
- Crnv - amphibolite, hornblende-biotite gneiss, and schist
- Ccq - quartzose schist, and melange
- Ccv - foliated felsite
- Cpm - metagraywacke, quartzose schist, and melange
- vo - exotic blocks within melange
- CZm - metagraywacke, quartzose schist, and melange
- Cq - quartz muscovite schist and gneiss
- Cqg - Columbia pluton
- Cfvs - felsic metatuff, mica schist, and gneiss
- Cqg - Columbia pluton
- Cca - Candler Formation, phyllite and schist
- Cfq - ferruginous quartzite
- Cgs - quartz muscovite schist and gneiss
- Csg - quartz muscovite schist and gneiss
- Cg - quartz muscovite schist and gneiss
- Cfg - Carysbrook pluton, biotite granite
- Cfg - Carysbrook pluton, biotite granite
- pg - plagiogranite
- um - ultramafic rocks
- my - mylonite
- Ca - Candler Formation, phyllite and schist
- Is - Candler Formation, limestone
- CZas - Alligator Back Formation, actinolite schist
- CZac - Alligator Back Formation, banded marble
- CZmy - Alligator Back Formation, feldspathic metagraywacke
- CZfm - Fork Mountain Formation
- OZIII - Mine Run complex, melange zone III
- vo - exotic blocks within melange
- CZm - metagraywacke, quartzose schist, and melange
- Cq - quartz muscovite schist and gneiss
- Cqg - Columbia pluton
- Cm - greenstone or amphibole gneiss
- Coa - Arvonia Formation, quartzite
- Cfo - Arvonia Formation, quartzite
- Cva - Arvonia Formation, quartzite
- Cqa - Arvonia Formation, quartzite
- Oa - Arvonia Formation, slate and porphyroblastic schist
- Cbg - quartzofeldspathic biotite gneiss
- Cmv - amphibolite, hornblende-biotite gneiss, and schist
- Cfv - foliated felsite
- Cpm - metagraywacke, quartzose schist, and melange
- vo - exotic blocks within melange
- CZm - metagraywacke, quartzose schist, and melange
- Cq - quartz muscovite schist and gneiss
- Cqg - Columbia pluton
- Cm - greenstone or amphibole gneiss
- PrZm - Diana Mills complex, hornblende metadiorite
- PrZbq - Buckingham complex, quartz diorite
- PrZbk - Buckingham complex, metamorphosed mafic and ultramafics
- gs - actinolite schist metabasalt

Data Sources:

Active Mines: VA Division of Mineral Mining, scale 1:24,000.
Historic Mines: DMR Mineral Resources of Virginia database, scale 1:24,000.

Virginia Department of Mines, Minerals, and Energy
Division of Mineral Resources
Charlottesville, VA
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