

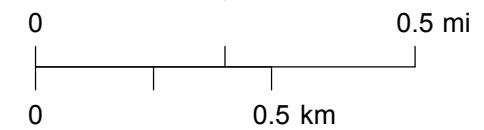
Explanation

- Qal Quaternary alluvium
 - Zto Metagranodiorite to diorite; shown on Figures 2.5.1-218 and 219 as metatonalite
- Battleground Formation*
- mbg Metagabbro
 - Zbct Plagioclastic crystal metatuff
 - Ztrs Interlayered mafic and felsic gneiss
 - Zbv Felsic metavolcanic rocks
 - Zbq Quartzite
 - Zbvm Mafic to intermediate metavolcanic rocks
- Overturned fold axis, arrows show plunge direction

Topography:
USGS 1:24,000 DLG, 1971 (10-foot contour interval)
note: the contour data predate site development

Geology:
Blacksburg South Quadrangle
modified after Nystrom 2004

Kings Creek Quadrangle
Howard 2004



Blacksburg South
Nystrom 2004

Kings Creek
Howard 2004

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Site Geologic Map

FIGURE 2.5.1-220 Rev 7