

**Explanation**

- Qal** Quaternary alluvium
- Zto** Metagranodiorite to diorite; shown on Figures 2.5.1-218 and 219 as metatonalite

**Battleground Formation**

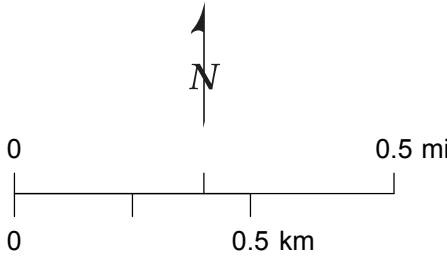
- mbg** Metagabbro
- Zbct** Plagioclastic crystal metatuff
- Ztrs** Interlayered mafic and felsic gneiss
- Zbvf** Felsic metavolcanic rocks
- Zbq** Quartzite
- Zbvm** Mafic to intermediate metavolcanic rocks

— ↗ ↘ — 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



WLS COL 2.5-1

WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2

Site Geologic Map

FIGURE 2.5.1-220 Rev 2