



| EXPLANATION | |
|--------------------------------------|---|
| QUATERNARY | |
| CONTACTS | |
| al Alluvium | Exposed or approximate |
| FOLDS | |
| Oat Athens Formation | Anticline — trace of fold and direction of plunge |
| | Syncline — trace of fold and direction of plunge |
| ORDOVICIAN | |
| Olm Lenoir and Mosheim limestones | Black line where exposed or approximate; gray line where covered or inferred; tick mark indicates direction of dip; U, upthrown side; D, downthrown side; T, upper sheet; arrows indicate direction of relative movement. |
| Oku Knox Group upper part | |
| Och Chepultepec limestone | BRECCIA |
| | b Brecciated beds |
| ATTITUDE OF ROCKS | |
| Cco Conococheague Formation | Strike and dip of beds |
| | Strike and dip of overturned beds |
| | Strike of vertical beds |
| CAMBRIAN | |
| Ccr Copper Ridge Formation | Modified Land: Extensive cut or fill due to grading. |
| Cn Nolichucky Formation | Karst Land: areas of known or potential sinkhole development, subsidence and cave openings. |
| Chk Honaker Formation | x Sinkhole |
| | Spring |



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SCALE 1:24,000
CONTOUR INTERVAL 20 FEET

Base map from U.S. Geological Survey, 1960 (68 & 78 PR) Wyndale and 1960 (70 & 78 PR) Holston Valley Quadrangles, 7 1/2 Minute Series.

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