

40°07'

76°22'30"

40°07'



EXPLANATION

(Modified slightly by Jacob Friedman)



Stonehenge Formation

Limestone, gray; contains shaly laminae and fossiliferous calcarenite beds



Buffalo Springs and Snitz Creek Formations

Cbssc, combined Buffalo Springs and Snitz Creek Formations where Snitz Creek lithology does not occur above the Buffalo Springs. Stippled where argillaceous, silty, and sandy dolomite lens occurs within the combined unit

Cbs, Buffalo Springs Formation; white, pinkish-gray, and gray interbedded limestone and dolomite; scattered beds of sandstone



Zooks Corner Formation

Dolomite, gray, very finely crystalline; commonly silty and sandy; contains some limestone; commonly cross laminated and ripple marked



Ledger Dolomite

Dolomite, light-gray, sparkling, coarsely crystalline



Kinzers Formation

Cks, shale, gray, rusty-weathering  
Ck, limestone, commonly containing reticulated silty and argillaceous laminae; some dark-gray earthy dolomite



Vintage Dolomite

Dolomite, gray, very finely to coarsely crystalline



Chickies, Harpers, and Antietam Formations

Quartzite, phyllite, slate, and schist

Inferred contact

Dotted where concealed

U  
D

Inferred fault

U, upthrown side; D, downthrown side

Inferred thrust fault

Dotted where concealed. Sawteeth on upper plate

5

Mine or prospect

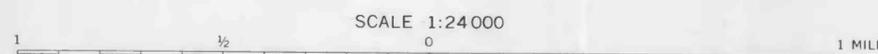
- 1, Bamford mine
- 2, Herr's prospect
- 3, Prospect pit
- 4, East Petersburg prospect
- 5, Mechanicsville prospect
- 6, Flory's Mill prospect

Conococheague Group

ORDOVICIAN

CAMBRIAN

Base from U.S. Geological Survey  
Columbia East, 1956 and Lancaster, 1956



SCALE 1:24 000  
CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL

Geology by Harold Meisler and  
A. E. Becher

GEOLOGIC MAP OF THE BAMFORD AREA, LANCASTER COUNTY, PENNSYLVANIA