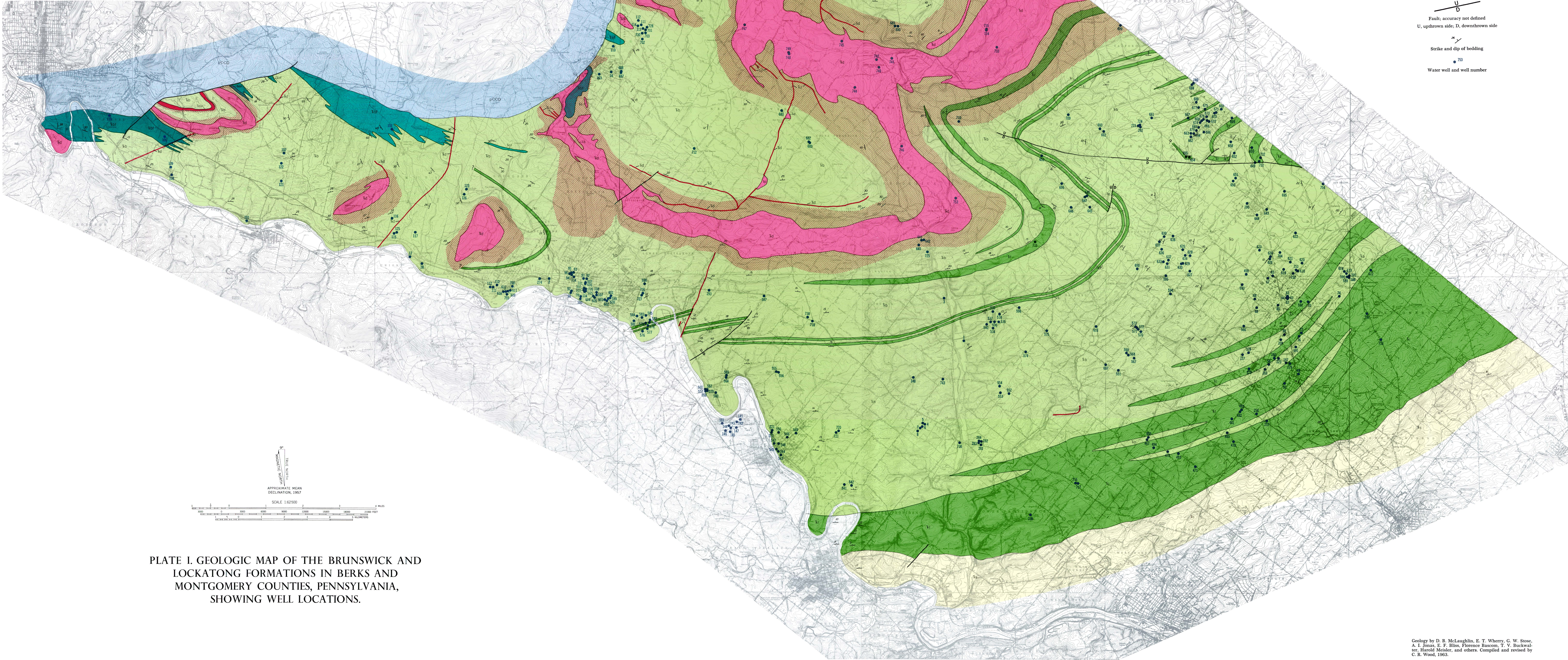


COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF INTERNAL AFFAIRS  
GENEVIEVE BLATT, SECRETARY  
TOPOGRAPHIC AND GEOLOGIC SURVEY  
ARTHUR A. SOCOLOW, STATE GEOLOGIST

Base map from U. S. Geological Survey 7½-minute topographic maps, 1947-1957.



EXPLANATION

- Basalt**  
Lava flows. Not tapped by wells
- Diabase**  
Dikes and sills. Yields water for domestic use; median reported yield is 3 gpm
- Brunswick Formation**  
Red shale and siltstone and a few sandstone beds (7b). Red massive argillite near base grades laterally into Lockatong Formation. Altered to dark hornfels (shown by red cross-hatch) near diabase intrusives and basalt. Generally yields sufficient water for industrial and municipal use; median reported yield is 75 gpm. Red, brown, and purple calcareous fungiformate and a few beds of quartzite fungiformate (7a). Water-bearing properties are unknown
- Lockatong Formation**  
Dark-gray massive argillite and subordinate platy dark-gray mudstone and black shale; grades laterally into Brunswick Formation. Altered to black hornfels (shown by red cross-hatch) near diabase intrusives. Yields water for domestic use; median reported yield is 11 gpm
- Stockton Formation**  
Arkosic sandstone and conglomerate interbedded with red siltstone and shale. This information has not been studied in this report
- Rocks of Precambrian to Ordovician age**  
These rocks have not been studied in this report

SYMBOLS

- Contact; accuracy not defined
- Fault; accuracy not defined  
U, upthrown side; D, downthrown side
- Strike and dip of bedding
- Water well and well number

Geology by D. B. McLaughlin, E. T. Wherry, G. W. Stose, A. J. Jones, E. F. Bliss, Florence Bascom, T. V. Buckwalter, Harold Meister, and others. Compiled and revised by C. R. Wood, 1963.