COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
DIVISION OF MINERAL RESOURCES

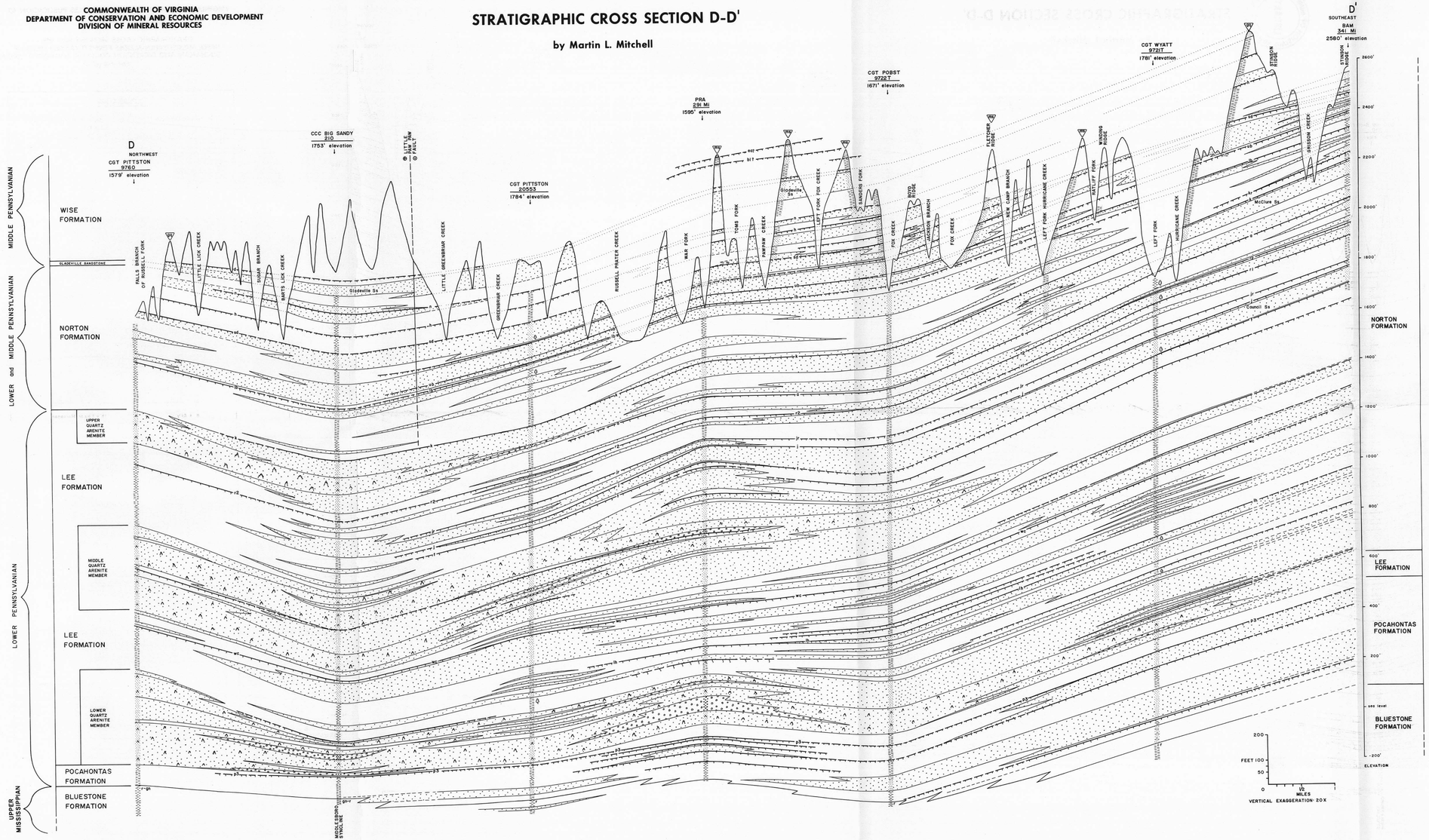
STRATIGRAPHIC CROSS SECTION D-D'

by Martin L. Mitchell

VIRGINIA DIVISION OF MINERAL RESOURCES PUBLICATION 42
1982

STRATIGRAPHIC CROSS SECTIONS FOR THE UPPER MISSISSIPPIAN-MIDDLE PENNSYLVANIAN UNITS OF BUCHANAN AND DICKENSON COUNTIES, SOUTHWEST VIRGINIA.

Sheet 4 (of 4)



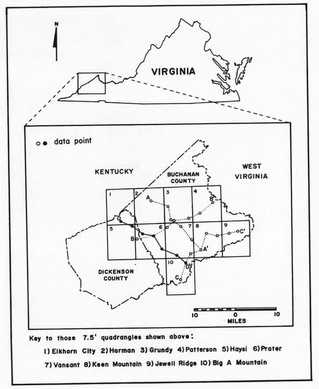
EXPLANATION

- conglomerate
- quartzose sandstone
- feldspathic sandstone
- siltstone
- shale or claystone
- coal bed — solid where located; dashed where projected without control; dotted where projected across valleys
- contact
- plant fossils
- ABC 123 — index number of borehole
- 1789 — data taken from measured section
- 29 — data taken from published geologic quadrangle
- X — data point obtained from coal mine map
- gn,r — green and/or red beds

Relative movement along faults:
- o — toward viewer
- • — away from viewer

Key to coal bed abbreviations:

- ae = Eagle
- bl = Blair
- d = Dorchester (Glamorgan)
- n = Norton
- h = Hagy
- sd = Splashdam
- ub = Upper Banner
- lb = Lower Banner
- bf = Big Fork } correlative ?
- pc = Puncheon Camp
- kr = Kennedy Rider
- k = Kennedy
- a = Alty
- r3 = Upper Raven } correlative ?
- j1 = Jewell
- r2 = Middle Raven
- r1 = Lower Raven
- jr = Jawbone Rider
- j = Jawbone
- t = Tiller
- us = Upper Seaboard
- ls = Lower Seaboard
- uh = Upper Horsepen
- mh = Middle Horsepen
- wc = War Creek
- lh = Lower Horsepen
- p = Pocahontas series



Key to those 7.5' quadrangles shown above:

1) Elkhorn City 2) Harman 3) Grundy 4) Patterson 5) Hayai 6) Prater 7) Vansant 8) Keen Mountain 9) Jewell Ridge 10) Big A Mountain