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

STRATIGRAPHIC CROSS SECTION A-A'

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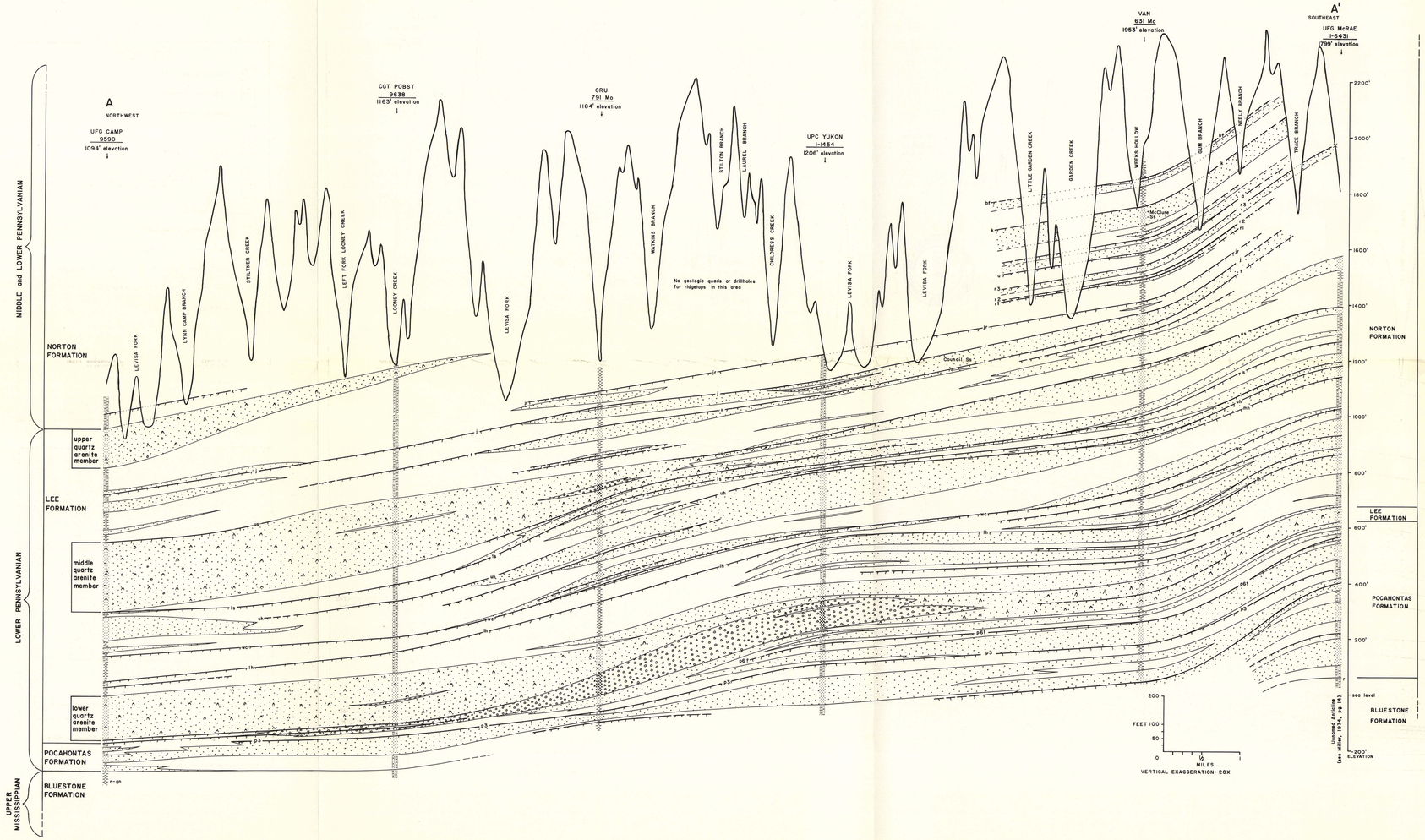
STRATIGRAPHIC CROSS SECTIONS FOR THE
UPPER MISSISSIPPIAN-MIDDLE PENNSYLVANIAN UNITS OF
BUCHANAN AND DICKENSON COUNTIES, SOUTHWEST VIRGINIA.
Sheet 1 (of 4)



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 — solid where located; dashed where projected without control; dotted where projected across valleys
- plant fossils
- ABC/23 — index number of borehole
- data taken from measured section
- data taken from published geologic quadrangle
- X — data point obtained from coal mine map
- gn,r — green and/or red beds

Key to coal bed abbreviations:

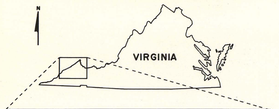
- ea = Eagle
- bl = Blair
- d = Dorchester (Glamorgan)
- n = Norton
- h = Hagy
- sd = Splashdam
- ub = Upper Banner
- lb = Lower Banner
- bf = Big Fork
- pc = Puncheon Camp
- kr = Kennedy Rider
- k = Kennedy
- a = Ally

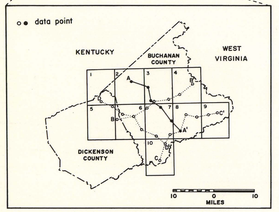
(lb, bf, pc, kr, k, a: correlative ?)

- r3 = Upper Raven
- j1 = Jewell
- r2 = Middle Raven
- r1 = Lower Raven
- jr = Jawbone Rider
- j = Jawbone
- t = Tiller

(r3, j1: correlative ?)

- 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) Haysi 6) Prater
7) Vansant 8) Keen Mountain 9) Jewell Ridge 10) Big A Mountain