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

STRATIGRAPHIC CROSS SECTION C-C'

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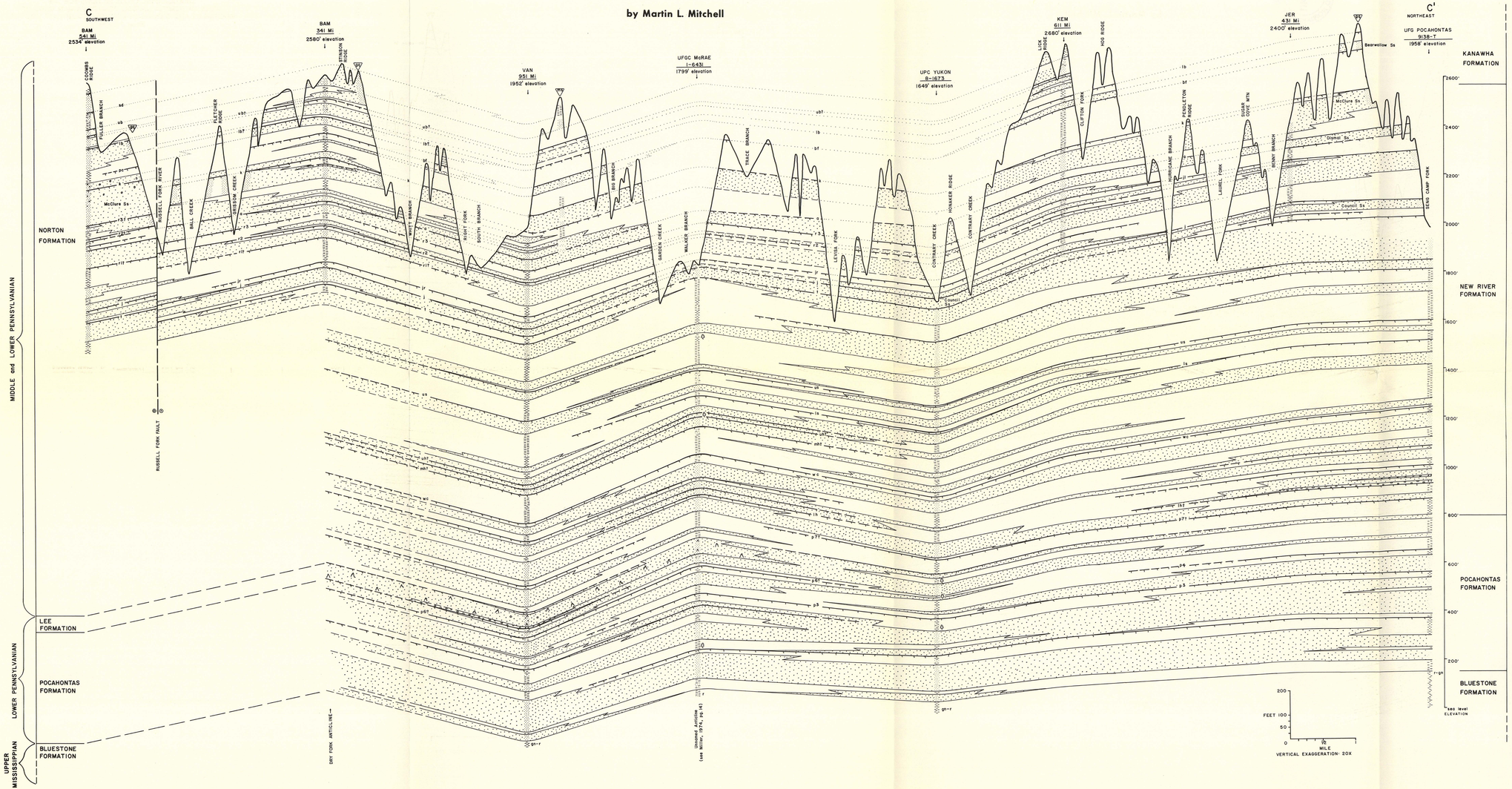
STRATIGRAPHIC CROSS SECTIONS FOR THE UPPER MISSISSIPPIAN-MIDDLE PENNSYLVANIAN UNITS OF BUCHANAN AND DICKENSON COUNTIES, SOUTHWEST VIRGINIA.

Sheet 3 (of 4)



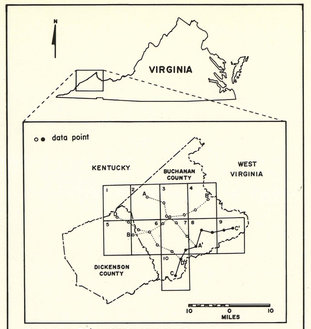
EXPLANATION

- 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
- 1198 — data taken from measured section
- 26 — 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:
- ○ toward viewer
- ● away from viewer

Key to coal bed abbreviations:

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