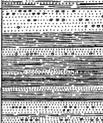
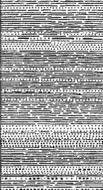


COLUMNAR SECTION

U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

WEST VIRGINIA
BUCKHANNON SHEET

GENERALIZED SECTION FOR THE BUCKHANNON SHEET.						
SCALE: 500 FEET = 1 INCH.						
PERIOD.	FORMATION NAME.	SYMBOL.	COLUMNAR SECTION.	THICKNESS IN FEET.	CHARACTER OF ROCKS.	CHARACTER OF TOPOGRAPHY AND SOILS.
CARBONIFEROUS	Braxton formation.	Cbx		700+	Red and yellow shale, gray and brown sandstone, usually shaly, and coal seams.	Steep, generally smooth hill-slopes and narrow valleys. Red, yellow, and brown, sandy loam.
	Upshur sandstone.	Cps		350-500	White and brown sandstone, conglomerate, olive to yellow shale, and coal beds.	Rolling and hilly lands with restricted valleys. Yellow and gray, sandy soil. Steep, stony gorges and hill and mountain slopes.
	Pugh formation.	Cpg		300-450	Brown and white sandstone, and blue and black clay-shale with thin coal seams.	Generally steep and stony hillsides. Sandy soil, often concealed by loose sandstone blocks.
	Pickens sandstone.	Cpi		400-500	Brown, gray, and white sandstone and conglomerate, and gray to black shale with coal.	Precipitous, stony gorges and hill and mountain sides. Stony, sandy soil.
	Canaan formation.	Ccn		600-700	Shale, generally red and gray, and brown sandstone.	Steep mountain sides and rolling land. Red and yellow, sandy clay-soil, generally overlaced by sandstone and conglomerate talus.
	Greenbrier limestone.	Cgr		350	Blue limestone, calcareous sandstone, and red shale.	Steep escarpments of mountains. Red to yellow clay-soil.
	Pocono sandstone.	Cpo		50-100	Gray sandstone, locally a conglomerate.	
DEVONIAN	Hampshire formation.	Dh		700-900	Red, yellow, and greenish, sandy shale and clay-shale with thin-bedded brown sandstone.	Oval hilltops and steep escarpments. Thin, sandy and stony soil.
	Jennings formation.	Dj		800+	Olive, sandy shale and brown sandstone, usually thin-bedded.	Hill and valley lands. Thin, gray, sandy and stony soil.

NAMES OF FORMATIONS.

A TABULAR STATEMENT OF NAMES APPLIED BY VARIOUS AUTHORS TO THE STRATA OF THE BUCKHANNON DISTRICT. THE IMPLIED CORRELATIONS WITH OTHER STRATIGRAPHIC AREAS ARE NOT NECESSARILY ACCEPTED.

PERIOD.	NAMES AND SYMBOLS USED IN THIS FOLIO.	N. H. DARTON AND J. A. TAFF: PIEDMONT FOLIO, U. S. GEOLOGICAL SURVEY, 1896.	NAMES USED BY VARIOUS AUTHORS.	H. D. ROGERS: FIRST REPORT OF PENNSYLVANIA, 1836; AND W. B. ROGERS: THE VIRGINIAS, 1838, AND LATER.	H. D. ROGERS: FINAL REPORT OF PENNSYLVANIA, 1858.
CARBONIFEROUS	Braxton formation.	Cbx	Elkgarden formation.	Upper Coal Measures.	XV.
	Upshur sandstone.	Cps	Fairfax formation.	Lower Barren Measures.	XIV.
	Pugh formation.	Cpg	Bayard formation.	Lower Coal Measures.	XIII.
	Pickens sandstone.	Cpi	Savage formation.	Pottsville conglomerate.	XII.
	Canaan formation.	Ccn	Canaan formation.	Mauch Chunk shales.	XI.
	Greenbrier limestone.	Cgr	Greenbrier limestone.	Greenbrier limestone.	X.
	Pocono sandstone.	Cpo	Pocono sandstone.	Montgomery grits. Pocono sandstone.	IX.
DEV.	Hampshire formation.	Dh	Hampshire formation.	Catskill.	Vergent.
	Jennings formation.	Dj	Jennings formation.	Chenung.	Ponent.

JOSEPH A. TAFF,
ALFRED H. BROOKS,
Geologists.