MAP GQ-1550

DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY

GEOLOGIC MAP OF THE JEWELL RIDGE QUADRANGLE, BUCHANAN AND TAZEWELL COUNTIES, VIRGINIA

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GEOLOGIC MAP SYMBOLS COMMONLY USED ON MAPS OF THE UNITED STATES GEOLOGICAL SURVEY

(Special symbols are shown in explanation)

Contact—Dashed where approximately	l
located; short dashed where inferred; dotted where concealed	
Contact—Showing dip; well exposed at triangle	
Fault—Dashed where approximately located; short dashed where inferred; dotted where concealed	
Fault, showing dip—Ball and bar on downthrown side	,
Normal fault—Hachured on down- thrown side	/5
Fault—Showing relative horizontal movement	
Thrust fault—Sawteeth on upper plate	
Anticline—Showing direction of plunge; dashed where approximately located; dotted where concealed	
Asymmetric anticline—Short arrow indicates steeper limb	
Overturned anticline—Showing direction of dip of limbs	
Syncline—Showing direction of plunge; dashed where approximately located; dotted where concealed	;
Asymmetric syncline—Short arrow indicates steeper limb	
Overturned syncline—Showing direction of dip of limbs	
Monocline—Showing direction of plunge of axis	
Minor anticline—Showing plunge of axis	
Minor syncline—Showing plunge of axis	
	Contact—Showing dip; well exposed at triangle Fault—Dashed where approximately located; short dashed where inferred; dotted where concealed Fault, showing dip—Ball and bar on downthrown side Normal fault—Hachured on downthrown side Fault—Showing relative horizontal movement Thrust fault—Sawteeth on upper plate Anticline—Showing direction of plunge; dashed where approximately located; dotted where concealed Asymmetric anticline—Short arrow indicates steeper limb Overturned anticline—Showing direction of plunge; dashed where approximately located; dotted where concealed Asymmetric syncline—Showing direction of plunge; dashed where approximately located; dotted where concealed Asymmetric syncline—Short arrow indicates steeper limb Overturned syncline—Showing direction of plunge of axis Monocline—Showing direction of plunge of axis

Strike and dip of beds—Ball indicates top of beds known from sedimentary structures

____ Inclined ⊕ Horizontal

--- Vertical 40 Overturned

Strike and dip of foliation

Inclined + Vertical + Horizontal

Strike and dip of cleavage

Bearing and plunge of lineation

/5_ Inclined ◆ Vertical ◆ Horizontal

Strike and dip of joints

10 Inclined - Vertical + Horizontal

Note: Planar symbols (strike and dip of beds, foliation or schistosity, and cleavage) may be combined with linear symbols to record data observed at same locality by superimposed symbols at point of observation. Coexisting planar symbols are shown intersecting at point of observation.

Shafts

▼ Inclined

Adit, tunnel, or slope

- Accessible - Inaccessible

X Prospect

Quarry

Gravel pit

X Active X Abandoned

Oil wells

○ Drilling ◇ Shut-in ❖ Dry hole, ☆ Gas ❖ Show of gas abandoned

• Oil • Show of oil