DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

BEDROCK GEOLOGIC MAP OF THE JEWETT CITY QUADRANGLE NEW LONDON COUNTY, CONNECTICUT

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Prepared in cooperation with the STATE OF CONNECTICUT GEOLOGICAL AND NATURAL HISTORY SURVEY

GEOLOGIC MAP SYMBOLS

COMMONLY USED ON MAPS OF THE UNITED STATES GEOLOGICAL SURVEY (Special symbols are shown in explanation)

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 en 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 - Short arrow indicates steeper limb Overturned syncline - Showing direction of dip of limbs Monocline - Showing direction of plunge; dashed where approximately located; dotted where concealed Asymmetric syncline - Short arrow indicates steeper limb Overturned 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 - Vertical → Vertical → Horizontal Strike and dip of cleavage Inclined → Vertical → Horizontal Bearing and plunge of lineation Vertical → Horizontal Strike and dip of cleavage Inclined → Vertical → Horizontal Bearing and plunge of lineation Votertical → Horizontal Strike and dip of leavage Inclined → Vertical → Horizontal Bearing and plunge of lineation Strike and dip of cleavage Inclined → Vertical → Horizontal Bearing and plunge of lineation Strike and dip of cleavage Inclined → Vertical → Horizontal Strike and dip of peds, foliation or schizosty; and cleavage may be unclined some summer service of cread data observed at same locality by superimposed as some locality of beds, foliation or schizosty; and cleavage may be unclined where approximately located; of observation. Coexisting planar symbols to record data observed at same locality		Contact — Dashed where approximately located; short dashed where inferred; dotted where concealed	Strike and dip of beds — Ball indicates top of beds known from sedimentary structures
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Monocline – Showing direction of plunge of axis Oil well o Drilling ♦ Shut-in ♦ Dry hole Gas ♦ Show of gas abandoned			Gravel pit
→ Gas Show of gas abandoned			Oil well
Minor syncline — Showing plunge of axis Oil Show of oil	→ *	Minor anticline - Showing plunge of axis	
	-€-•60	Minor syncline — Showing plunge of axis	Oil