DEPARTMENT OF INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOLOGIC MAP OF THE CRAIG QUADRANGLE, LEWIS AND CLARK AND CASCADE COUNTIES, MONTANA

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GEOLOGIC MAP SYMBOLS

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

Strike and dip of beds - Ball indicates Contact - Dashed where approximately located; short dashed where inferred; top of beds known from sedimendotted where concealed tary structures <u>→</u> Inclined ⊕ Horizontal Contact - Showing dip; well exposed at → Vertical → Overturned triangle Strike and dip of foliation Fault - Dashed where approximately ______ Inclined ____ Vertical ____ Horizontal located; short dashed where inferred; dotted where concealed Strike and dip of cleavage Fault, showing dip - Ball and bar on downthrown side Bearing and plunge of lineation Normal fault - Hachured on downthrown 15_ Inclined ◆ Vertical ←→ Horizontal Strike and dip of joints Fault - Showing relative horizontal ___40 Inclined ___ Vertical __ Horizontal movement Note: planar symbols (strike and dip of beds, foliation or schistosity, and cleavage) may be Thrust fault - Sawteeth on upper plate combined with linear symbols to record data observed at same locality by superimposed Anticline - Showing direction of plunge; symbols at point of observation. Coexisting dashed where approximately located; planar symbols are shown intersecting at point dotted where concealed of observation. Asymmetric anticline - Short arrow indicates steeper limb Shafts Overturned anticline - Showing direction Inclined Vertical of dip of limbs Adit, tunnel, or slope Syncline - Showing direction of plunge; dashed where approximately located Accessible > Inaccessible dotted where concealed Prospect Asymmetric syncline - Short arrow Quarry indicates steeper limb Active ☆ Abandoned Overturned syncline - Showing direction of dip of limbs Gravel pit Active X Abandoned Monocline - Showing direction of plunge of axis Oil well ♦ Shut-in → Dry hole Drilling Minor anticline - Showing plunge of axis abandoned Gas Show of oil Minor syncline - Showing plunge of axis Oil