


DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

**GEOLOGIC MAP OF THE HOY MOUNTAIN QUADRANGLE,  
DAGGETT AND UINTAH COUNTIES, UTAH,  
AND MOFFAT COUNTY, COLORADO**


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GEOLOGIC QUADRANGLE MAP  
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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 located; short dashed where inferred; dotted where concealed

 Contact – Showing dip; well exposed at triangle

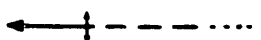
 Fault – Dashed where approximately located; short dashed where inferred; dotted where concealed

 Fault, showing dip – Ball and bar on downthrown side

 Normal fault – Hachured on downthrown side

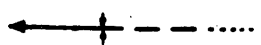
 Fault – Showing relative horizontal movement

 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 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

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

 <sup>20</sup> Inclined     Horizontal  
 Vertical     <sup>40</sup> Overturned

Strike and dip of foliation

 <sup>20</sup> Inclined     Vertical     Horizontal

Strike and dip of cleavage

 <sup>15</sup> Inclined     Vertical     Horizontal

Bearing and plunge of lineation

 <sup>15</sup> Inclined     Vertical     Horizontal

Strike and dip of joints



 <sup>40</sup> 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



 Vertical     Inclined

Adit, tunnel, or slope


 Accessible     Inaccessible

x Prospect








Quarry

 Active     Abandoned

Gravel pit

 Active     Abandoned

Oil well

 Drilling     Shut-in     Dry hole abandoned  
 Gas     Show of gas  
 Oil     Show of oil