

DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

GEOLOGIC  
QUADRANGLE MAPS  
OF THE  
UNITED STATES  
GEOLOGIC MAP  
OF THE  
NABESNA C-5 QUADRANGLE  
ALASKA  
By  
D. H. Richter and H. R. Schmoll

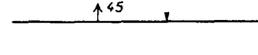
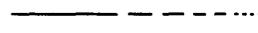
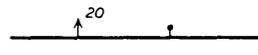
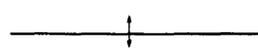
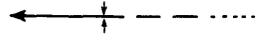
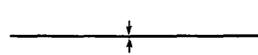
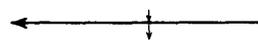
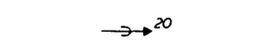
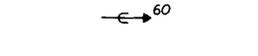


QUADRANGLE LOCATION

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1973

**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
  -  70° Inclined    Horizontal
  -  Vertical    40° Overturned
- Strike and dip of foliation
  -  20° Inclined    Vertical    Horizontal
- Strike and dip of cleavage
  -  15° Inclined    Vertical    Horizontal
- Bearing and plunge of lineation
  -  15° Inclined    Vertical    Horizontal
- Strike and dip of joints
  -  40° 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
- Prospect
  -  Prospect
- Quarry
  -  Active    Abandoned
- Gravel pit
  -  Active    Abandoned
- Oil well
  -  Drilling    Shut-in    Dry hole
  -  Gas    Show of gas    Dry hole abandoned
  -  Oil    Show of oil