WEIR AND OTHERS—GEOLOGY, LONG VALLEY QUAD., COCONINO CO., ARIZONA 1:24,000 MAP GQ-1735

U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

## GEOLOGIC MAP OF THE LONG VALLEY QUADRANGLE, COCONINO COUNTY, ARIZONA

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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	Strike and dip of beds – Ball indicates top of beds known from sedimentary structures
	Contact - Showing dip; well exposed at triangle	→ Inclined ⊕ Horizontal → Vertical → Overturned
	Fault — Dashed where approximately located; short dashed where inferred; dotted where concealed	Strike and dip of foliation
	Fault, showing dip - Ball and bar on downthrown side	Strike and dip of cleavage  Inclined —— Vertical —— Horizontal  Bearing and plunge of lineation
<del></del>	Normal fault – Hachured on downthrown side	15_ Inclined ◆ Vertical ←→ Horizontal
	Fault - Showing relative horizontal movement	Strike and dip of joints
	Thrust fault - Sawteeth on upper plate	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
<del></del>	Anticline – Showing direction of plunge; dashed where approximately located; dotted where concealed	symbols at point of observation. Coexisting planar symbols are shown intersecting at point of observation.
	Asymmetric anticline — Short arrow indicates steeper limb	
<del></del>	Overturned anticline - Showing direction of dip of limbs	Shafts  Vertical p Inclined
	Syncline - Showing direction of plunge; dashed where approximately located; dotted where concealed	Adit, tunnel, or slope  → Accessible → Inaccessible  x Prospect
	Asymmetric syncline — Short arrow indicates steeper limb	Quarry
<del></del>	Overturned syncline - Showing direction of dip of limbs	☆ Active   ☆ Abandoned  Gravel pit
-	Monocline - Showing direction of plunge of axis	X Active X Abandoned Oil well
<del>-&gt;</del> ₩	Minor anticline – Showing plunge of axis	o Drilling
<del>-ۥ</del> 60	Minor syncline — Showing plunge of axis	● Oil ♦ Show of oil