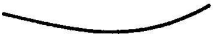
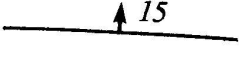
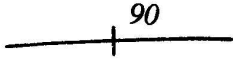

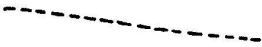
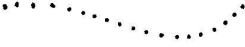





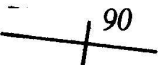
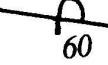

APPENDIX C

Standard Geologic Mapping Symbols




Contacts

 Contact	 Contact showing dip	 Vertical contact
 Approximate contact	 Inferred contact	 Concealed contact

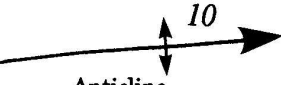
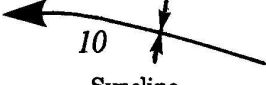




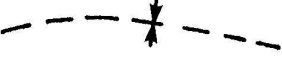

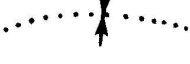
Bedding

 Strike and dip of beds	 Horizontal bedding	 Approximate strike and dip
 Strike of vertical beds	 Strike and dip of overturned beds	 Apparent dip

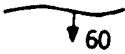
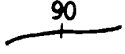
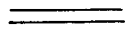
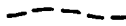


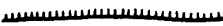

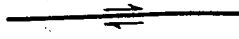
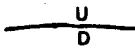

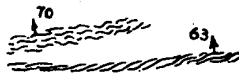
Joints

 Strike and dip of joints	 Strike of vertical joint	 Horizontal joint
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



Folds

 Anticline, showing crestline and plunge	 Syncline, showing crestline and plunge	 Monocline, or flexure in a homocline
 Minor anticline, showing plunge	 Minor syncline, showing plunge	 Asymmetric anticline
 Approximate axes	 Inferred axes	 Concealed axes







Faults

 Fault, showing dip	 Vertical fault	 Lineament
 Approximate fault location	 Inferred fault location	 Concealed fault location
 Normal fault, hachures on downthrown side	 Thrust fault, sawteeth on upper plate	 Fault showing relative horizontal movement
 High angle fault, showing upthrown (U) and downthrown (D), sides	 Lateral fault, showing the apparent movement compared to the observer, right (R) or left (L)	 Fault Zones, showing average dips










**Accessory Symbols
(Small-scale maps)**

 Vertical shaft (left) and inclined shaft (right)	 Portal or Adit, open (left) and inaccessible or closed (right)	 Trench
 Prospect pit	 Mine, quarry, or glory hole	 Sand, gravel, or clay pit




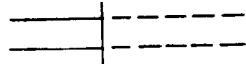
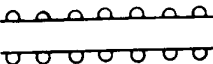

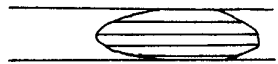
**Accessory Symbols
(Large-scale maps)**

 Vertical shaft	 Inclined shaft	 Portal or adit
 Trench (left), open cut (center) and pit (right)	 Large open pit, quarry, or glory hole	 Rock or slate dump

Wells

 Oil well	 Gas well	 Oil and gas well
 Abandoned oil well	 Abandoned gas well	 Shut in well
 Water wells, flowing	 Water wells, non-flowing	 Water wells, dry or abandoned

Underground Workings

 Shafts at surface	 Inclined workings, (chevrons point down)	 Bottom of shaft
<u>1215</u> Elevation of roof	$\overline{1215}$ Elevation of floor	 Caved or otherwise inaccessible workings
 Lagging or cribbing along working	 Backfilled workings	 Water-filled workings