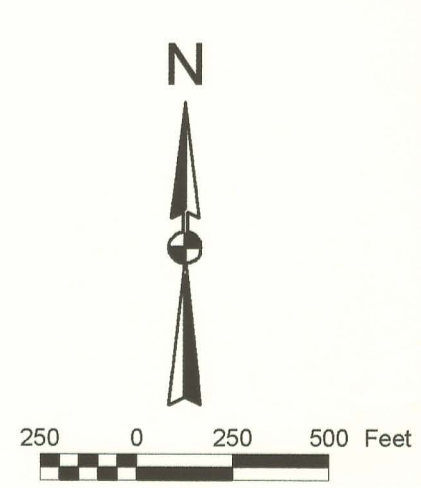


- Explanation**
- Ephemeral Drainage
 - Pond
 - Cross Section Lines
 - Fence
 - Building
 - Unimproved Road
 - Surface Water Sampling Location and Number
 - Alluvial Monitor Well, Well Point, or Bore Hole and Number
 - Hydropunch Sampling Location and Number
 - Shinarump Monitor Well and Number
 - De Chelly Monitor Well and Number
 - Hand Auger Bore Hole and Number
 - Contour Interval: 20 feet; 10 feet in and near fenced site area

- Quaternary**
- Qd Sand dunes
- Q Alluvial and eolian material, undifferentiated
- Jurassic**
- Jn Navajo Sandstone
- Jk Kayenta Formation
- Jw Wingate Sandstone
- Triassic**
- Rc Chinle Formation, undifferentiated
- Rcs Shinarump Member of Chinle Formation
- Rm Moenkopi Formation, includes Hoskinnini Member
- Permian**
- Pcd De Chelly Sandstone Member of Cutler Formation
- Subcrop contact of Monitor Butte and Petrified Forest Members of Chinle Formation
- Subcrop contact of Shinarump and Monitor Butte Members of Chinle Formation

Geology modified from Witkind and Thaden, 1983



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Plate 1		Geologic Map of Monument Valley Site	
DATE PREPARED: June 16, 1998		FIGURE NO. U0017100-1	

D-01