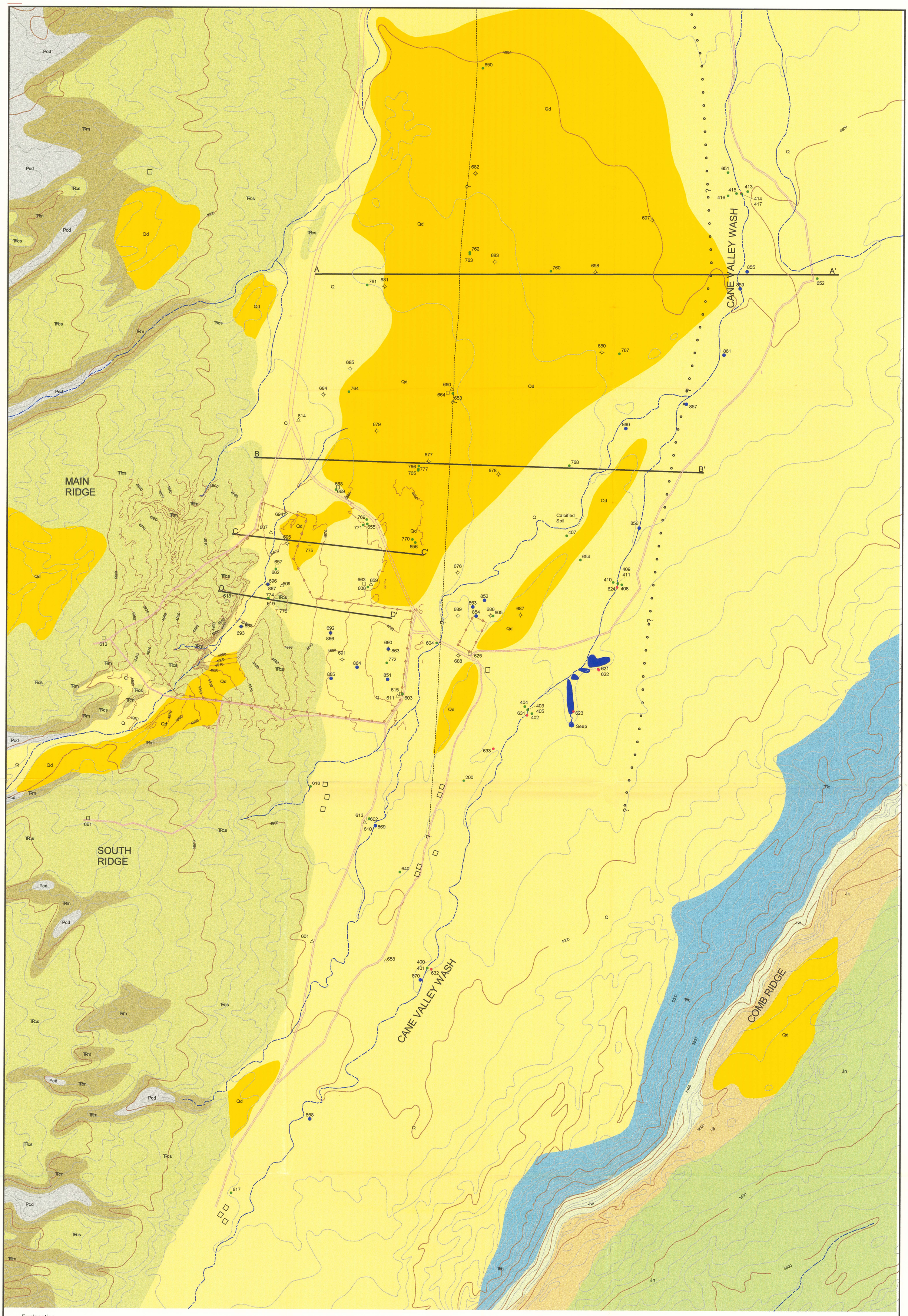

Explanation

- Ephemeral Drainage
- Pond
- A — A' Cross Section Lines
- Fence
- Building
- Unimproved Road
- 632 Surface Water Sampling Location and Number
- 605 Alluvial Monitor Well, Well Point, or Bore Hole and Number
- 698 Hydropunch Sampling Location and Number
- 614 Shinarump Monitor Well and Number
- 612 De Chelly Monitor Well and Number
- 860 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
	Jn	Navajo Sandstone
Jurassic	Jk	Kayenta Formation
	Jw	Wingate Sandstone
Triassic	TRc	Chinle Formation, undifferentiated
	TRcs	Shinarump Member of Chinle Formation
	TRm	Moenkopi Formation, includes Hoskinnini Member
Permian	Pcd	De Chelley 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, 1963

N

250 0 250 500 Feet

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macTec-ers	U.S. DEPARTMENT OF ENERGY GRAND JUNCTION OFFICE, COLORADO
Plate 1	Geologic Map of Monument Valley Site
DATE PREPARED June 16, 1998	FILENAME U0017100-1

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