**Map Unit Description**

- **GREAT BEND GROUP, ANCESTRAL RIVER RELICS**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.
- **ANCIENT PLEISTOCENE ALLUVIAL FANS**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.
- **MODERN PLEISTOCENE ALLUVIAL FANS**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.
- **HELPWORTHY FORMATION**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.
- **PRE-HISTORIC RIVER RELICS**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.
- **EARLY PLEISTOCENE SANDSTONES**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.
- **MID-PLEISTOCENE SANDSTONES**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.
- **LATE PLEISTOCENE SANDSTONES**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.
- **Pliocene**: Gray to white, coarse to medium sand, containing silt and gravel, possibly containing fine to coarse pebbles and cobbles, and a small amount of fine sand and silt, in the abraded zone.

**Map Symbols**

- **Accurate contact**: Solid line
- **Approximate contact**: Dashed line
- **Faulted contact**: Broken line
- **Extent of mapped area**: Outline
- **Sonoran Desert National Monument boundary**: Dotted line

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**Location Map**

- **Waterman Wash**: A wash located in the southwestern part of the map, indicated by a prominent line and labeled with its name.

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**Citation for this Map**

Arizona Geological Digital Geologic Map 71 (DGM-71), scale 1:24,000.

February 2009

Arizona Geological Survey

This figure shown in purple, others in red

**Profoundly disturbed areas on young terraces and bars in and along the active channels of Waterman Wash and Modern river terraces and bars**

**Early Pleistocene alluvial fans**

**Bedrock outcrops, very poorly sorted angular**

**Unconsolidated sand, silt and minor gravel deposits**

**Poorly sorted sand, silt, pebbles,**

**Gravelly, varnished**

**Very poorly-sorted sand, pebbles, cobbles and silt,**

**Moderate to strong soil development with some boulders associated with young alluvial fans and some small boulders in channels and bars of larger tributary washes**

**Bedrock outcrops, very poorly sorted angular**

**Funding provided by the Flood Control District of Maricopa County**

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