**LITHOLOGY**

**JURASSIC ROCKS**

- **Lower Entrada Sandstone**: 200 feet (60 m) thick. Forms slopes and ledges. Ledges are composed of up to 40-foot (12 m) thick. Drab colors are more pastel than the Brushy Basin Member sandstone beds. Dark-gray to bluish bentonitic shale. Near the base and top, the shale may be very-pale-orange to pale-yellowish-orange, fine- to medium-grained, and a bed of light-gray to white gypsum. Forms ledges. Gypsum bed is 2 feet (0.6 m) thick. Found in the Stop-5 Terrace area.

- **Pleasant Creek Terrace**
  - Located 10-20 feet (3-6 m) below the base of the Lower Entrada Sandstone. Dark-gray to bluish-brown, fine- to medium-grained sandstone. Forms ledges. Exposed in the vicinity of the Paria River (Qatfu Paria River Mbr.) and the Paria River (Qatf Pleas.

- **Waterpocket Fold**: Walls are highly fractured and commonly covered with slumps. Composed of clay- to boulder-size particles. Commonly found for these terraces uses the same method as mentioned above for the Fremont River terraces.

**TERTIARY ROCKS**

- **Navajo Sandstone**: 40-foot (12 m) thick. Forms ledges. Exposed in the vicinity of the Paria River (Qatfu Paria River Mbr.) and the Paria River (Qatf Pleasant Creek drainage).

- **Moenkopi - Torrey Member**
  - Located 10-20 feet (3-6 m) below the base of the Lower Entrada Sandstone. Dark-gray to bluish-brown, fine- to medium-grained sandstone. Forms ledges. Exposed in the vicinity of the Paria River (Qatfu Paria River Mbr.) and the Paria River (Qatf Pleasant Creek drainage).

- **Pleasant Creek Terrace Data**
  - Derived bedrock. Where both of these deposits are present, the igneous derived bedrock. Used for the Pleasant Creek terrace. The data for these terraces suggest only two terraces. However, the data for these terraces uses the same method as mentioned above for the Fremont River terraces.

- **Scenic Drive**
  - Located 10-20 feet (3-6 m) below the base of the Lower Entrada Sandstone. Dark-gray to bluish-brown, fine- to medium-grained sandstone. Forms ledges. Exposed in the vicinity of the Paria River (Qatfu Paria River Mbr.) and the Paria River (Qatf Pleasant Creek drainage). The width of the dikes is slightly exaggerated on the map, and the map is not projected; units are feet above sea level; contour interval: 500 feet (150 m).

**SYMBOLS**

- **UTAH GEOLOGICAL SURVEY**
  - Located 10-20 feet (3-6 m) below the base of the Lower Entrada Sandstone. Dark-gray to bluish-brown, fine- to medium-grained sandstone. Forms ledges. Exposed in the vicinity of the Paria River (Qatfu Paria River Mbr.) and the Paria River (Qatf Pleasant Creek drainage). The width of the dikes is slightly exaggerated on the map, and the map is not projected; units are feet above sea level; contour interval: 500 feet (150 m).

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*Figure 4. Pleasant Creek Terrace Data*

*Figure 5. Pleasant Creek Terrace Data*