The Kingman 7 ½’ Quadrangle encompasses much of the city of Kingman in Mohave County, northwestern Arizona. The map area extends approximately 10 miles (16 km) east to west and 5 miles (8 km) north to south. The map was produced by the Arizona Geological Survey and is part of their Digital Geologic Map series.

**Geologic Map Details**
- **Map Scale**: 1:24,000
- **Projection**: UTM Zone 11N, WGS 84
- **Datum**: North American 1983
- **Elevation**: The map includes contour lines at 100-foot intervals.

**Geological Setting**
- The map area includes a variety of geologic units, including ignimbrites, tuffs, and volcaniclastic sandstones.
- The ignimbrites are part of the Peach Spring Tuff complex, which is a major volcanic event in the region.
- The tuffs and sandstones are part of the Cretaceous to Paleocene bedrock units.

**Geologic Units**
- **Peach Spring Tuff**: A mappable ignimbrite called the Cook Canyon Tuff (Tcc). Typically, a pair of ash-fall tuff sets occur at the top of the Peach Spring Tuff, known as the Warm Springs zone of the Peach Spring Tuff. The ledges and cliffs correspond to mappable zones in the Peach Spring Tuff that we expand from the two ignimbrites.

**Surface Geology**
- Vegetation on Qys deposits consists of small bunch grass and desert shrubs. Qys deposits exhibit low quality of pavement on these deposits. In some locations a second round of pavement formation is present in Qyc alluvium although varnished and CaCO3-coated clasts reworked from older deposits are observed.

**Contacts and Faults**
- The map includes contacts and faults that define the boundaries of the various geologic units.

**Scale**
- The map scale is 1:24,000, indicating that 1 inch on the map represents 24,000 inches (1 mile) on the ground.

**References**
- Various sources are cited within the map's content, including articles on geology and paleontology.

**Map Unit Descriptions**
- Detailed descriptions of each geologic unit are provided, including lithology, thickness, and location.

**Acknowledgments**
- The map was produced by the Arizona Geological Survey and the authors are gratefully acknowledged for their contributions.

This map is a valuable resource for understanding the geology of the Kingman area and is useful for a variety of applications, including land use planning, construction projects, and scientific research.