Arizona Geological Survey

Clinical Map of the Benson 7½' Quadrangle, Cochise County, Arizona

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1:24,000 scale

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Adapted from

Geologic Resources Data System (GRDS), U.S. Geological Survey

Map Units

Pleistocene deposits - deposits formed in the Pleistocene Epoch (2.65 million to 10,000 years ago).

Young deposits - deposits formed in the Holocene Epoch (10,000 years ago to present).

Miocene deposits - deposits formed in the Miocene Epoch (23 million to 5 million years ago).

Late Cretaceous deposits - deposits formed in the Late Cretaceous Period (68 million to 66 million years ago).

Other units - units not classified in the above categories.

Map Symbols

Faults

- Fault, active

Contacts

- Conformable contact

- Nonconformable contact

- Conformable contact

- Nonconformable contact

- Conformable contact

- Nonconformable contact

Unit Correlation

GEOLOGIC MAP OF THE BENSON 7½’ QUADRANGLE, COCHISE COUNTY, ARIZONA

Eocene to Miocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Upper Miocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Late Miocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Middle Miocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Early Miocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Late Oligocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Middle Oligocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Early Oligocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Late Eocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Early Eocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Late Cretaceous conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Eocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Late Cretaceous conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

Eocene conglomerate and sandstone - fine to very coarse, poorly sorted, gravelly sandstone, conglomeratic sandstone, and conglomerate.

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