Geologic Cross-sections of the Tucson Basin, southeastern Arizona: Geologic evaluation for CO2 sequestration potential

Legend
- Geologic units
  - Upper basin fill
  - Lower basin fill
  - Tertiary Pantano Formation
  - Tertiary volcanic and sedimentary rocks undivided
  - KJs - Cretaceous sedimentary rocks of Bisbee Group
  - Geologic units interpreted from well boreholes
  - Proterozoic crystalline rock

Line Types
- Topography and geologic map units
- Mapped at land surface (see Plate 1)
- 800 meters-depth (2,625 ft) below land surface
- Base of basin-fill units interpreted from Rhyolite (2003)
- Catalina Detachment Fault (symbol on upper plate)
- Fault inferred from seismic reflection with arrows showing direction of slip
- Approximate fault
- Depth to bedrock (modified from Richard et al., 2007 and ADWR, 2012)

Section location map

PLATE 2

WESTCARB Phase III
Arizona Geological Characterization