Figure 4. Generalized surficial geology of the Owens Valley drainage basin, California (modified from Hollett and others, 1991).
Description of Study Area 17

Undifferentiated sedimentary, metamorphic, and granitic rocks – Consolidated and impermeable

Bedrock
(Impermeable or poorly permeable materials, not part of the Owens Valley ground-water basin)

Bishop Tuff – Bedrock member of the Bishop Tuff, commonly referred to as the Volcanic Tableland where exposed; composed of welded or agglutinated ash and tuff. Impermeable except where fractured; underlain by permeable members of the Bishop Tuff and valley-fill deposits

Volcanic flows and pyroclastic rocks, undifferentiated – Includes rocks of the Coso volcanic field. Storage and transmissive characteristics are largely unknown

Undifferentiated sedimentary, metamorphic, and granitic rocks – Consolidated and impermeable

Geologic contact
Fault – Dashed where inferred, dotted where concealed, queried where uncertain. D, downthrown side; U, upthrown side; arrows indicate relative direction of lateral movement

Line of hydrogeologic section (Shown in Figure 5)

Boundary of the Owens Valley drainage basin

Figure 4. Continued.