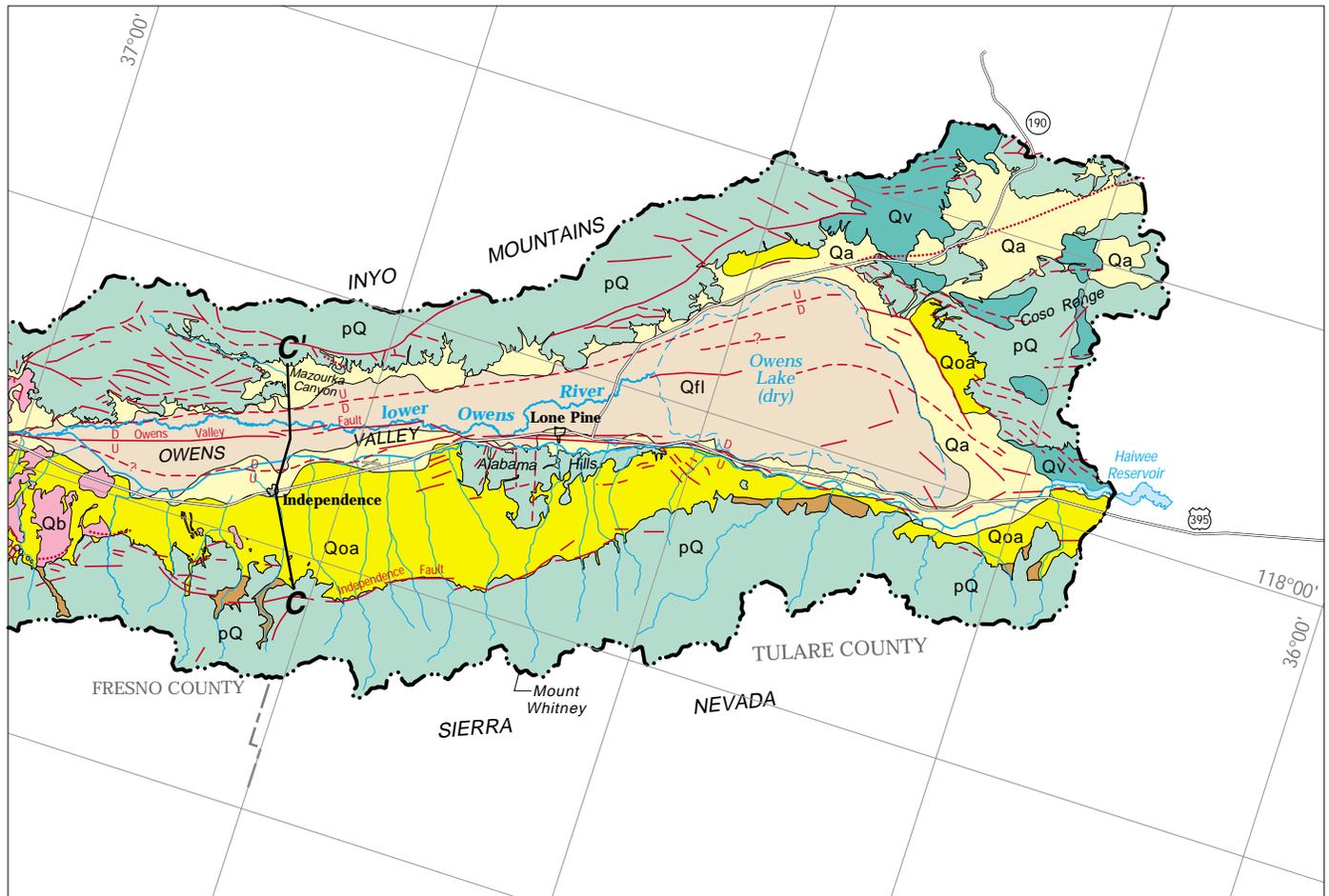


Figure 4. Generalized surficial geology of the Owens Valley drainage basin, California (modified from Hollett and others, 1991).



**GENERALIZED GEOLOGIC UNITS**

<p>QUATERNARY</p>	<p><b>Qbt</b></p>	<p><b>Bedrock</b> (Impermeable or poorly permeable materials, not part of the Owens Valley ground-water basin)</p> <p><b>Bishop Tuff</b> – 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</p>	<p>Geologic contact</p>	
<p>PRE-QUATERNARY</p>	<p><b>Qv</b></p>	<p><b>Volcanic flows and pyroclastic rocks, undifferentiated</b> – Includes rocks of the Coso volcanic field. Storage and transmissive characteristics are largely unknown</p>	<p><b>Fault</b> – Dashed where inferred, dotted where concealed, queried where uncertain. D, downthrown side; U, upthrown side; arrows indicate relative direction of lateral movement</p>	
	<p><b>pQ</b></p>	<p><b>Undifferentiated sedimentary, metamorphic, and granitic rocks</b> – Consolidated and impermeable</p>	<p><b>A — A'</b> Line of hydrogeologic section (Shown in figure 5)</p>	
			<p><b>Boundary of the Owens Valley drainage basin</b></p>	

Figure 4. Continued.