**PRELIMINARY GEOLOGIC MAP OF THE LITTLE BUTTES 7.5' QUADRANGLE**  
LOS ANGELES AND KERN COUNTIES, CALIFORNIA: A DIGITAL DATABASE  

**VERSION 1.0**  
By Jeremy T. Lancaster and Peter J. Holland  
Digital database by Andy Cauley  
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## DESCRIPTION OF MAP UNITS

### SURFICIAL UNITS

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Description</th>
<th>Color/Texture</th>
<th>Parent Materials</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>SU1</td>
<td>Alluvium, undifferentiated</td>
<td>Yellow-brown</td>
<td>Unconsolidated</td>
<td>Holocene to late Pleistocene</td>
</tr>
<tr>
<td>SU2</td>
<td>Younger alluvium, undivided</td>
<td>Light brown</td>
<td>Unconsolidated</td>
<td>Holocene to late Pleistocene</td>
</tr>
<tr>
<td>SU3</td>
<td>Older alluvium, undivided</td>
<td>Dark brown</td>
<td>Unconsolidated</td>
<td>Holocene to late Pleistocene</td>
</tr>
<tr>
<td>SU4</td>
<td>Windblown deposits</td>
<td>Light brown</td>
<td>Unconsolidated</td>
<td>Quaternary</td>
</tr>
</tbody>
</table>

### TERTIARY SEDIMENTARY UNITS

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Description</th>
<th>Color/Texture</th>
<th>Parent Materials</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS1</td>
<td>Granitic breccia</td>
<td>Brown-gray</td>
<td>Granitic and volcanic</td>
<td>Cretaceous</td>
</tr>
<tr>
<td>TS2</td>
<td>Diorite breccia</td>
<td>Gray</td>
<td>Granitic and volcanic</td>
<td>Cretaceous</td>
</tr>
</tbody>
</table>

## CORRELATION OF MAP UNITS

### Related U.S. Geological Survey publications


### Map symbols

- Solid line: Tectonic units
- Dashed line: Unconformities
- Short dash: Faults
- Dotted line: Geologic contact

## SELECTED REFERENCES: