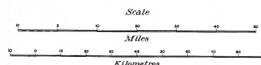


GEOLOGICAL MAP OF THE STATE OF CALIFORNIA

ISSUED BY
STATE MINING BUREAU

COMPILED UNDER THE DIRECTION OF
FLETCHER HAMILTON, STATE MINERALOGIST.

GEOLOGY BY JAMES FERRIN SMITH.



1916.

REPRINTED 1929

LEGEND GEOGRAPHICAL

- County Boundaries
- County Seat Towns
- Other Towns & Places
- Railways
- State Highways
- Other Roads
- Electric Transmission Lines
- Oil and Gas Pipe Lines
- Springs and wells

Altitudes shown by small slant figures, this ⁰⁰⁰, Spanish land grants by vertical figures ⁰⁰⁰, the numbering identical with the U.S. Land Office map, edition of 1913.

Area—158,297 Square Miles

LEGEND GEOLOGICAL

- | | |
|---|---|
| Quaternary (or Pleistocene)
(accumulated wash, gravels, and clays) | Carboniferous
(lower part of the coal-bearing strata) |
| Pliocene
(the lower part of the Pleistocene) | Devonian
(the part of the Devonian with massive corals and graptolites) |
| Miocene
(the lower part of the Tertiary) | Silurian
(the part of the Silurian with graptolites and corals) |
| Eocene
(the lower part of the Tertiary) | Cambrian
(the part of the Cambrian with graptolites and corals) |
| Tertiary (undifferentiated)
(the lower part of the Tertiary) | Metamorphic (undifferentiated)
(the part of the Tertiary with graptolites and corals) |
| Auriferous Gravels
(the lower part of the Tertiary) | Santa Lucia
(the part of the Tertiary with graptolites and corals) |
| Upper
(the upper part of the Tertiary) | Pre-Cambrian Metamorphic
(the part of the Tertiary with graptolites and corals) |
| Lower
(the lower part of the Tertiary) | Igneous Rocks |
| Undifferentiated
(the part of the Tertiary with graptolites and corals) | Volcanic
(the part of the Tertiary with graptolites and corals) |
| Granitic
(the part of the Tertiary with graptolites and corals) | Plutonic
(the part of the Tertiary with graptolites and corals) |
| Diabase
(the part of the Tertiary with graptolites and corals) | Molten Lava
(the part of the Tertiary with graptolites and corals) |
| | Oil Fields
(the part of the Tertiary with graptolites and corals) |

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