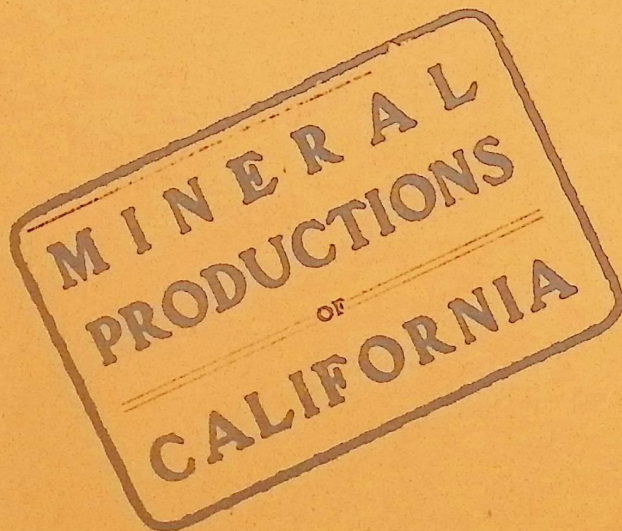




BULLETIN No. 53

. . . Issued by the . . .  
CALIFORNIA STATE  
MINING BUREAU . .

FERRY BUILDING  
San Francisco, Cal.  
under the direction of  
**LEWIS E. AUBURY**  
State Mineralogist

Printed at the State Printing Office, Sacramento  
W. W. SHANNON, Superintendent . . .



# CALIFORNIA MINES AND MINERALS

Compiled from Original Records of the State Mining Bureau.

THE mining interests of the State of California are so diversified, and the industry is extended over so wide an area, that it is difficult to describe the conditions which exist without using many pages of printed matter. For this reason it has been considered proper, in this pamphlet, to give merely a record of results, which will show in plain figures what is being accomplished by the miners of the State. This record shows that some fifty-three mineral substances are being exploited, the annual valuation of which is now \$55,697,949, and increasing as capital is invested and more mines and quarries are opened. The older mines, too, having been well developed and equipped, are increasing their annual output, and thus also proving their permanency and value with depth. For the past twenty-one years the total mineral output of California amounts to \$608,173,892.

The climatic conditions are favorable to mining operations throughout the State, and means of transportation have been so improved as to greatly lessen costs of supplies, etc. There are abundant opportunities for the safe and profitable investment of capital in the various branches of the industry, as numerous claims which have been located have never been properly developed or equipped, their owners lacking the necessary means.

The State Mining Bureau, maintained by State aid, provides numerous publications in the form of bulletins or reports, giving in detail the conditions existing in gold, copper, quicksilver, petroleum, and all the various branches of mining. It also publishes maps of the counties which show the location of all mines, roads, streams, etc. The Bureau is in charge of a State Mineralogist, who has a corps of trained Field Assistants, and an office force as well. There is a fine technical library, and a very large museum showing specimens of all mineral products, suitably arranged for reference. There is also a well-equipped laboratory for the determination of minerals.

The Bureau publishes, among other things, an annual Statistical Bulletin showing by counties the output and value of all substances mined or quarried in California. From the latest bulletin of this character, covering the calendar year 1907, figures and tables given in this pamphlet are taken, in the belief that they will give the best idea of what the mines of the State are producing and what the miners are accomplishing.





FERRY BUILDING, SAN FRANCISCO. ONE HALF THE UPPER FLOOR OF WHICH IS OCCUPIED BY THE  
STATE MINING BUREAU.

(This building is constructed of Colusa sandstone and the reconstructed tower is of reinforced concrete.)

## CALIFORNIA STATE MINING BUREAU.

This institution aims to be the chief source of reliable information about the mineral resources and mining industries of California.

It is encouraged in its work by the fact that its publications have been in such demand that large editions are soon exhausted. In fact, copies of them now command high prices in the market.

The publications, as soon as issued, find their way to the scientific, public, and private libraries of all countries.

### STATE MINERALOGIST.

The California State Mining Bureau is under the supervision of a State Mineralogist and Board of Trustees.

It is supported by legislative appropriations, and in some degree performs work similar to that of the geological surveys of other states, but its purposes and functions are mainly practical, the scientific work being clearly subordinate to the economic phases of the mineral field, as shown by the organic law governing the Bureau, which is as follows:

SEC. 4. It shall be the duty of said State Mineralogist to make, facilitate, and encourage special studies of the mineral resources and mineral industries of the State. It shall be his duty: To collect statistics concerning the occurrence of the economically important minerals and the methods pursued in making their valuable constituents available for commercial use; to make a collection of typical geological and mineralogical specimens, especially those of economic or commercial importance, such collection constituting the Museum of the State Mining Bureau; to provide a library of books, reports, drawings, bearing upon the mineral industries, the sciences of mineralogy and geology and the arts of mining and metallurgy, such library constituting the Library of the State Mining Bureau; to make a collection of models, drawings, and descriptions of the mechanical appliances used in mining and metallurgical processes; to preserve and so maintain such collections and library as to make them available for reference and examination, and open to public inspection at reasonable hours; to maintain, in effect, a bureau of information concerning the mineral industries of this State, to consist of such collections and library, and to arrange, classify, catalogue, and index the data therein contained, in a manner to make the information available to those desiring it, and to provide a custodian specially qualified to promote this purpose; to make a biennial report to the Board of Trustees of the Mining Bureau, setting forth the important results of his work, and to issue from time to time such bulletins as he may deem advisable concerning the statistics and technology of the mineral industries of this State.



### THE BULLETINS.

The field covered by the books issued under this title is shown in the list of publications. Each bulletin deals with only one phase of mining. Many of them are elaborately illustrated with engravings and maps. Only a nominal price is asked, in order that those who need them most may obtain a copy. (See list on last page.)

### THE REGISTERS OF MINES.

The Registers of Mines form practically both a State and a County directory of the mines of California, each county being represented in a separate pamphlet. Those who wish to learn the essential facts about any particular mine are referred to them. The facts and figures are given in tabular form, and are accompanied by a topographical map of the county on a large scale, showing location of each mineral deposit, towns, railroads, roads, power lines, ditches, etc.

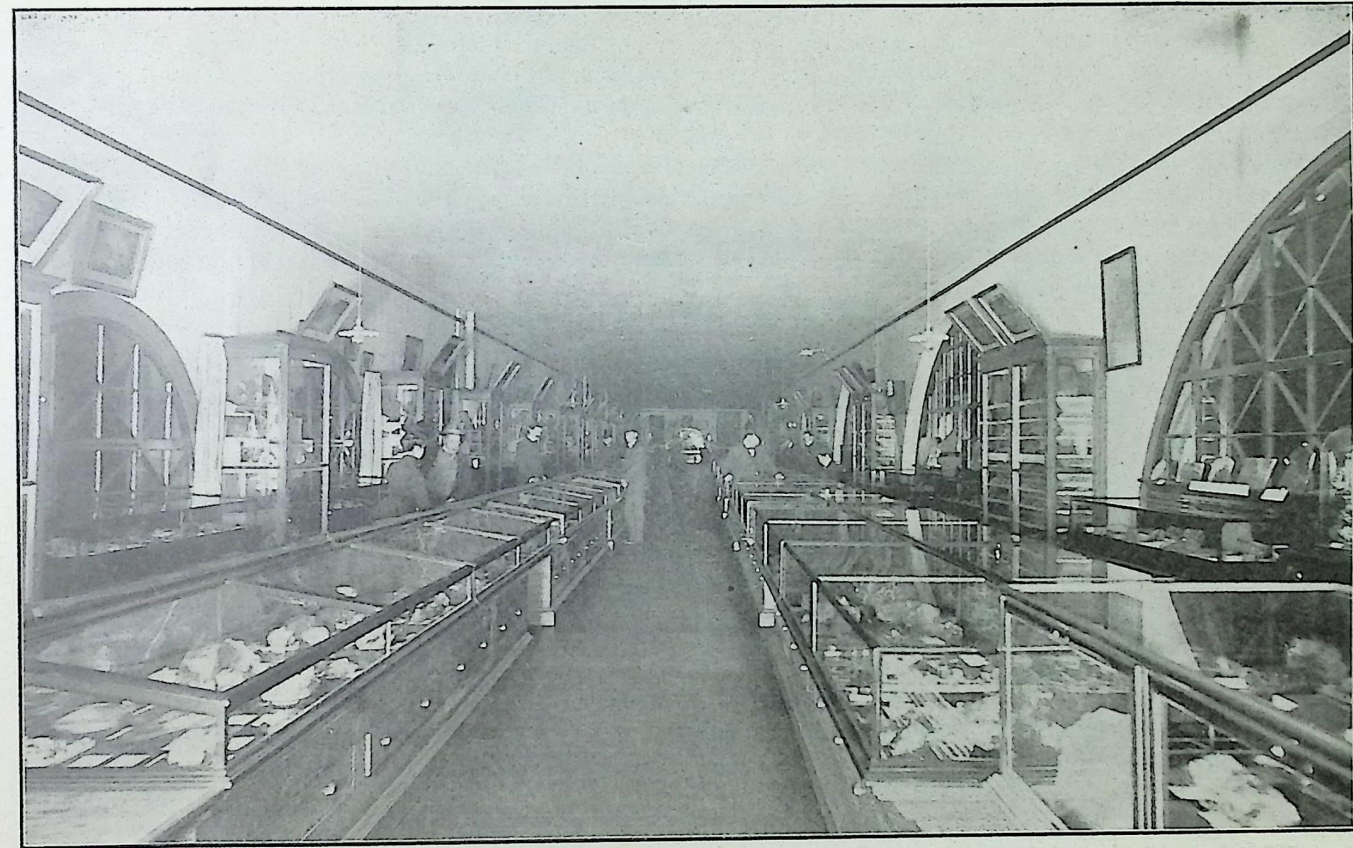
### HOME OF THE BUREAU.

The Mining Bureau occupies the north half of the third floor of the Ferry Building, in San Francisco. On the same floor are the rooms of the California State Board of Trade, and an exhibition instituted by and maintained by the Board of Trade, illustrative of agriculture, horticulture, viticulture, and other industries of California. All visitors and residents are invited to inspect the Museum, Library, and other rooms of the Bureau and gain a personal knowledge of its operations.

### THE MUSEUM.

The Museum now contains over 20,000 specimens, carefully labeled and attractively arranged in showcases in a great, well-lighted hall, where they can be easily studied. The collection of ores from California mines is of course very extensive, and is supplemented by many cases of characteristic ores from the principal mining districts of the world. The educational value of the exhibit is constantly increased by substituting the best specimens obtainable for those of less value.

These mineral collections are not only interesting, beautiful, and in every way attractive to the sightseers of all classes, but are also educational. They show to manufacturers, miners, capitalists, and others the character and



MINERAL MUSEUM, CALIFORNIA STATE MINING BUREAU.



quality of the economic minerals of the State, and where they are found. Plans have been formulated to extend the usefulness of the exhibit by special collections, such as one showing the chemical composition of minerals; another showing the mineralogical composition of the sedimentary, metamorphic, and igneous rocks of the State; the petroleum-bearing formations, ore bodies, and their country rocks, etc.

Besides the mineral specimens, there are many models, maps, photographs, and diagrams illustrating the modern practice of mining, milling, and concentrating, and the technology of the mineral industries. An educational series of specimens for high schools has been inaugurated, and new plans are being formulated that will make the Museum even more useful in the future than in the past. Its popularity is shown by the fact that over 120,000 visitors registered last year, while many failed to leave any record of their visit.

#### THE LIBRARY.

This is the mining reference library of the State, constantly consulted by mining men, and contains about 5000 volumes of selected works, in addition to the numerous publications of the Bureau itself. On its shelves will be found reports on geology, mineralogy, mining, etc., published by states, governments, and individuals; the reports of scientific societies at home and abroad; encyclopædias, scientific papers, and magazines; mining publications, and the current literature of mining ever needed in a reference library.

Manufacturers' catalogues of mining and milling machinery by California firms are kept on file. The Registers of Mines form an up-to-date directory for investor and manufacturer.

The librarian's desk is the general bureau of information, where visitors from all parts of the world are ever seeking information about all parts of California.

#### READING-ROOM.

This is a part of the Library Department and is supplied with over one hundred current publications. Visitors will find here various California papers and leading mining journals from all over the world.

The Library and Reading-Room are open to the public from 9 A. M. to 5 P. M. daily, except Sundays and holidays.

#### THE LABORATORY.

This department identifies for the prospector the minerals he finds, and tells him the nature of the wall rocks or dikes he may encounter in his workings; but this department *does not* do assaying nor compete with private assayers. The presence of minerals is determined, but not the percentage present. No charges for this service are made to any resident of the State. Many of the inquiries made of this department have brought capital to the development of new districts. Many technical questions have been asked and answered as to the best chemical and mechanical processes of handling ores and raw material. The laboratory is well equipped.

#### THE DRAUGHTING-ROOM.

In this room are prepared scores of maps, from the small ones filling only a part of a page, to the largest County and State maps; and the numerous illustrations, other than photographs, that are constantly being required for the Bulletins and Registers of Mines. In this room, also, will be found a very complete collection of maps of all kinds relating to the industries of the State, and one of the important duties of the department is to make such additions and corrections as will keep the maps up to date. The seeker after information inquires here if he wishes to know about the geology or topography of any district; about the locations of the new camps, or positions of old or abandoned ones; about railroads, stage roads, and trails; or about the working drawings of anything connected with mining.

#### MINERAL STATISTICS.

One of the features of this institution is its mineral statistics. Their annual compilation by the State Mining Bureau began in 1894. No other state in the Union attempts so elaborate a record, expends so much labor and money on its compilation, or secures so accurate a one.

The State Mining Bureau keeps a careful, up-to-date, and reliable but confidential register of every producing mine, mine-owner, and mineral industry in the State. From them are secured, under pledge of secrecy, reports of output, etc., and all other available sources of information are used in checking, verifying, and supplementing the information so gained. This information is published in an annual tabulated, statistical, single-sheet bulletin, showing the mineral production by both substances and counties.



# **TOTAL MINERAL PRODUCT OF CALIFORNIA FOR 1907.**

The following table shows the yield of mineral substances of California for 1907, as per returns received at the State Mining Bureau, San Francisco, in answer to inquiries sent to producers:

|                        | QUANTITY.         | VALUE.     |                         | QUANTITY.        | VALUE.       |
|------------------------|-------------------|------------|-------------------------|------------------|--------------|
| Asbestos .....         | 70 tons           | \$3,500    | Manganese .....         | 1 ton            | \$25         |
| Asphalt .....          | 79,718 tons       | 1,058,400  | Marble .....            | 37,512 cu. ft.   | 118,066      |
| Bituminous Rock.....   | 24,122 tons       | 72,835     | Mineral Paint .....     | 250 tons         | 1,720        |
| Borax .....            | 106,825,000 lbs.  | 1,200,913  | Mineral Water .....     | 2,924,269 gals.  | 544,016      |
| Cement .....           | 1,613,563 bbls.   | 2,585,577  | Natural Gas .....       | 169,991 cu. ft.  | 114,759      |
| Chrome .....           | 302 tons          | 6,040      | Paving Blocks .....     | 4,604 M          | 199,347      |
| Clay (Brick) .....     | 362,167 M         | 3,438,951  | Petroleum .....         | 40,311,171 bbls. | 16,783,943   |
| Clay (Pottery) .....   | 160,385 tons      | 254,454    | Platinum* .....         | 300.07 ounces    | 6,255        |
| Coal .....             | 23,734 tons       | 55,849     | Pyrites .....           | 82,270 tons      | 251,774      |
| Copper .....           | 32,602,945 lbs.   | 6,341,387  | Quartz Crystals .....   | 4,000 lbs.       | 10,000       |
| Fuller's Earth .....   | 100 tons          | 1,000      | Quicksilver .....       | 17,379 flasks    | 663,178      |
| Gems .....             |                   | 232,642    | Rubble .....            | 744,271 tons     | 832,713      |
| Gold* .....            | 809,213.52 ounces | 16,727,928 | Salt .....              | 88,063 tons      | 310,967      |
| Granite .....          | 399,431 cu. ft.   | 373,376    | Sand (Glass) .....      | 11,065 tons      | 8,178        |
| Gypsum .....           | 8,900 tons        | 57,700     | Sandstone .....         | 159,573 cu. ft.  | 148,148      |
| Infusorial Earth ..... | 2,531 tons        | 28,948     | Serpentine .....        | 1,000 cu. ft.    | 3,000        |
| Iron Ore .....         | 400 tons          | 400        | Silver* (com'l value) . | 1,138,858 ounces | 751,646      |
| Lead .....             | 164 tons          | 16,690     | Slate .....             | 7,000 squares    | 60,000       |
| Lime .....             | 684,218 bbls.     | 756,376    | Tungsten .....          |                  | 120,587      |
| Limestone .....        | 230,985 tons      | 406,041    | Zinc .....              |                  | 10,598       |
| Macadam .....          | 1,544,617 tons    | 1,082,302  |                         |                  |              |
| Magnesite .....        | 6,405 tons        | 57,720     |                         |                  |              |
|                        |                   |            | Total.....              |                  | \$55,697,949 |

\* Figures supplied by U. S. Geological Survey.

In the previous year the total product was valued at \$46,776,085, so that the increase for 1907 is \$8,921,864. The most notable increases in value are in petroleum, copper, asphalt, bituminous rock, cement, brick and pottery clays, lime and limestone, macadam and rubble. For the second time zinc appears among the mineral products of the State.

The total value of the metallic substances (including precious metals) for 1907 was \$24,896,483, which includes gold, silver, pyrites, quicksilver, copper, lead, tungsten, zinc, platinum and chrome. The silver is given in commercial value, or amount received for it by the producers.

The total value of non-metallic substances was \$2,505,000. These substances include borax, coal, mineral waters, salt, infusorial earth, gypsum, magnesite, manganese, mineral paint, fuller's earth, soda, tourmaline, and chrysoprase and other gems.

The total value of the hydrocarbons and gases was \$18,029,937, an increase of \$7,859,664. The hydrocarbons and gases include asphalt, bituminous rock, natural gas, and petroleum. The petroleum price is the average f. o. b. at wells or stations in each county. The number of barrels of oil produced was 40,311,171, valued at \$16,783,943, as against 32,624,000 barrels in 1906, valued at \$9,238,020. The increase in asphalt is large for the year, it now being made in the process of refining the California heavy oils.

The total value of structural materials was \$10,266,529, an increase of \$2,407,403 from the previous year. These materials include brick and pottery clays, Portland cement, lime and limestone, macadam, rubble and concrete rock, paving blocks, marble, granite, sandstone, serpentine, slate, and glass-sand.

The relative value of the principal minerals of the State is as follows: First, petroleum; second, gold; third, copper; fourth, clays and their products; fifth, cement; sixth, borax; seventh, lime and limestone.

All the asbestos produced in California in 1907 was from Placer County. Asphalt was produced in the counties of Kern, Los Angeles, Santa Barbara, Alameda, San Luis Obispo, San Francisco, and Ventura. It was almost entirely derived from the refining of petroleum. Bituminous rock was quarried in San Luis Obispo and Santa Cruz counties. Borax was produced in Inyo, San Bernardino, and Ventura counties. Brick clays were utilized in the counties of Alameda, Contra Costa, Fresno, Humboldt, Imperial, Kern, Kings, Los Angeles, Marin, Madera, Mendocino, Merced, Orange, Riverside, Sacramento, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis



Obispo, San Mateo, Santa Barbara, Santa Clara, Shasta, Solano, Sonoma, Tehama, Tulare, and Ventura. Clay for pottery came from Alameda, Amador, Calaveras, Los Angeles, Placer, Riverside, and Sonoma counties. Portland cement was manufactured in Napa, San Bernardino, and Solano. Chrome was mined in Calaveras and Shasta counties. Coal was mined in Alameda, Amador, and Monterey counties. Copper was produced in the counties of Amador, Calaveras, El Dorado, Fresno, Inyo, Los Angeles, Madera, Nevada, Placer, Riverside, San Bernardino, San Diego, Siskiyou, and Shasta. All the fuller's earth came from Kings County. Glass-sand was produced in Monterey County. Gold was mined in thirty-five counties of the State and silver was produced in thirty-four counties. Granite was quarried for building purposes, curbing, etc., in the counties of Madera, Nevada, Placer, Riverside, Sacramento, San Bernardino, San Luis Obispo, San Diego, Tulare, and Tuolumne. Gypsum was derived from Kern, Tulare, and Los Angeles counties, and lead from Inyo, Orange, Madera, Mariposa, San Diego, Siskiyou, Riverside, and San Bernardino counties. Infusorial earth came from Santa Barbara County.

Lime was quarried and burned in the counties of Contra Costa, El Dorado, Kern, Los Angeles, Monterey, Placer, Riverside, Santa Clara, San Luis Obispo, Sonoma, San Benito, San Bernardino, Santa Cruz, Shasta, and Tuolumne; and limestone was quarried for beet-sugar factories, fluxes, paving, etc., in Amador, Contra Costa, El Dorado, Los Angeles, Placer, Calaveras, Kern, San Bernardino, Santa Barbara, Santa Clara, Siskiyou, Plumas, Santa Cruz, and Shasta counties.

Marble was quarried in Inyo, San Bernardino, Los Angeles, Riverside, San Diego, and Tuolumne counties. Macadam quarries were operated in the counties of Alameda, Colusa, Contra Costa, Los Angeles, Riverside, Sacramento, San Benito, San Bernardino, San Francisco, San Mateo, Santa Cruz, Solano, San Luis Obispo, and Sonoma. The mineral paint came from Stanislaus County. Manganese came only from Plumas County. Magnesite was mined in Alameda, Riverside, and Tulare counties.

Mineral waters were bottled and sold from springs in the counties of Butte, Colusa, Lake, Los Angeles, Mendocino, Monterey, Napa, San Benito, Santa Barbara, Santa Clara, San Luis Obispo, San Diego, Shasta, Sierra, Siskiyou, Solano, Sonoma, Tehama, and Yuba. Natural gas was commercially utilized in Sacramento, San Joaquin, Santa Barbara, Solano, and Ventura counties. Paving blocks were quarried and made in Riverside, San Bernardino, Solano, and Sonoma counties. Petroleum was derived from the counties of Fresno, Kern, Los Angeles, Orange, Santa

Barbara, Santa Clara, and Ventura. Platinum was found in small quantities in the following counties: Butte, Calaveras, Humboldt, Placer, Plumas, Sacramento, and Trinity. Alameda and Shasta counties furnished all the output of pyrites.

Quicksilver was produced in Colusa, Lake, Napa, San Benito, San Luis Obispo, Santa Clara, Solano, Sonoma, and Trinity counties. Rubble was quarried in the counties of Alameda, Los Angeles, Marin, Napa, Placer, Riverside, San Bernardino, Sacramento, San Diego, Santa Barbara, San Mateo, Solano, San Francisco, and Ventura.

Salt came from Alameda, Colusa, Los Angeles, San Diego, Solano, and San Mateo. Sandstone was quarried in Colusa, Los Angeles, San Luis Obispo, Santa Barbara, and Siskiyou counties. The serpentine came from Los Angeles County, and the slate from El Dorado. The gems (including hyacinth, beryl, topaz, kunzite, tourmaline, and chryso-prase) came from Riverside, Sonoma, Tulare, and San Diego counties.

#### **TOTAL GOLD PRODUCT OF CALIFORNIA—1848--1907.**

While gold is next to the leading mining product, according to the gold production figures of the U. S. Geological Survey, its yield no longer puts the greatest gold-producing county in the first place. The copper of Shasta County, together with its other mineral products, gives it the leading place as a mineral-producing county. Gold is more widely distributed than any other substance thus far mined in California; 35 counties out of the 58 in the State showing a gold yield in 1907, and it is known to exist in several others.



The following table shows the total gold yield of California, by years, from the time mining commenced in 1848 to 1907, inclusive: \*

|                      |                       |                       |                         |
|----------------------|-----------------------|-----------------------|-------------------------|
| 1848..... \$245,301  | 1864.....\$24,071,423 | 1880.....\$20,030,761 | 1896..... \$17,181,562  |
| 1849..... 10,151,360 | 1865..... 17,930,858  | 1881..... 19,223,155  | 1897..... 15,871,401    |
| 1850..... 41,273,106 | 1866..... 17,123,867  | 1882..... 17,146,416  | 1898..... 15,906,478    |
| 1851..... 75,938,232 | 1867..... 18,265,452  | 1883..... 24,316,873  | 1899..... 15,336,031    |
| 1852..... 81,294,700 | 1868..... 17,555,867  | 1884..... 13,600,000  | 1900..... 15,863,355    |
| 1853..... 67,613,487 | 1869..... 18,229,044  | 1885..... 12,661,044  | 1901..... 16,989,044    |
| 1854..... 69,433,931 | 1870..... 17,458,133  | 1886..... 14,716,506  | 1902..... 16,910,320    |
| 1855..... 55,485,395 | 1871..... 17,477,885  | 1887..... 13,588,614  | 1903..... 16,471,264    |
| 1856..... 57,509,411 | 1872..... 15,482,194  | 1888..... 12,750,000  | 1904..... 19,109,600    |
| 1857..... 43,628,172 | 1873..... 15,019,210  | 1889..... 11,212,913  | 1905..... 19,197,043    |
| 1858..... 46,591,140 | 1874..... 17,264,836  | 1890..... 12,309,793  | 1906..... 18,732,452    |
| 1859..... 45,846,599 | 1875..... 16,876,009  | 1891..... 12,728,869  | 1907..... 16,727,928    |
| 1860..... 44,095,163 | 1876..... 15,610,723  | 1892..... 12,571,900  |                         |
| 1861..... 41,884,995 | 1877..... 16,501,268  | 1893..... 12,422,811  | Total...\$1,469,513,691 |
| 1862..... 38,854,668 | 1878..... 18,839,141  | 1894..... 13,923,281  |                         |
| 1863..... 23,501,736 | 1879..... 19,626,654  | 1895..... 15,334,317  |                         |

\* Figures for 1906 and 1907 by U. S. Geological Survey.

#### BANNER COUNTIES IN DIFFERENT MINERAL PRODUCTS—1907.

As far as the "banner" counties in the different mineral products are concerned, the following is the record for 1907, with the value of the material in which the county leads. It should be explained, however, that certain substances are put under the heading of "unapportioned," which includes product of single mines, etc., in counties, so as to conceal their identity. For this reason it is necessary to put under this heading borax, coal, Portland cement, some gold and silver, and a few other substances formerly credited to certain counties. This causes an apparent,

but not real, falling off in output of Alameda, Amador, Monterey, Inyo, Lassen, Solano, Napa, San Bernardino, Ventura, and a few other counties where these "unapportioned" substances occur. If credited to the exact county, where there is only a single operator, private business would be made public. Under these circumstances, the figures of value of output in some counties do not actually represent their relative rank in 1907, as some of the products may be placed under "unapportioned." Moreover, some counties lead in output of some substances placed in the "unapportioned" column, and these substances do not therefore appear after the name of the county, thus reducing the county total.

Alameda County leads in macadam (\$461,726) and salt (\$163,127); Butte in gold (\$2,786,840); Colusa in sandstone (\$78,259); El Dorado in slate (\$60,000); Inyo in lead (\$13,096); Kern in petroleum (\$4,673,867); Lake in mineral waters (\$130,936); Los Angeles in asphalt (\$353,423), brick clays (\$826,831), gypsum (\$50,000), and serpentine (\$3,000); Madera in granite (\$93,372); Placer in asbestos (\$3,500); Riverside in clay (\$174,713); San Benito in quicksilver (\$292,878); San Diego in gems (\$206,336); Monterey in glass-sand (\$8,178); Santa Cruz in bituminous rock (\$64,707), and lime (\$241,179); Santa Barbara in infusorial earth (\$28,948); Shasta in copper (\$5,568,873), pyrites (\$197,364), silver (\$370,211), and chrome (\$5,200); Sonoma in paving blocks (\$112,797); Stanislaus in mineral paint (\$1,720); Tuolumne in marble (\$60,120). The unapportioned list includes borax, cement, coal, tungsten, and some gold and silver; so none of these substances are considered in making up the leading products of the individual counties.

To show the wide distribution of mineral substances in California an analysis of the statistics for 1907 proves that gold was produced in 35 counties; asphalt in 7; chrome in 2; brick clays in 29; pottery clay in 7; copper in 13; gems in 4; granite in 8; lead in 6; lime and limestone in 18; macadam in 15; marble in 6; mineral water in 19; natural gas in 5; paving blocks in 4; petroleum in 8; quicksilver in 9; rubble in 14; salt in 6; sandstone in 4, and silver in 34. In certain instances other substances are mined or quarried in only one county.



QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA—1907.

|                         |                  |               |                                       |                  |               |
|-------------------------|------------------|---------------|---------------------------------------|------------------|---------------|
| <b>ASBESTOS.</b>        | <b>QUANTITY.</b> | <b>VALUE.</b> | <b>CHROME.</b>                        | <b>QUANTITY.</b> | <b>VALUE.</b> |
| Placer County .....     | 70 tons          | \$3,500       | Calaveras County ...                  | 42 tons          | \$840         |
|                         |                  |               | Shasta County .....                   | 260 tons         | 5,200         |
| <b>ASPHALT.</b>         |                  |               | Totals .....                          | 302 tons         | \$6,040       |
| Alameda County ....     | 1,416 tons       | \$14,400      | <b>CLAYS—BRICK.</b>                   |                  |               |
| Contra Costa County     | 2,057 tons       | 21,870        | (Includes Common, Pressed, and Fire.) |                  |               |
| Kern County .....       | 20,443 tons      | 260,158       | Alameda County ...                    | 28,770 M         | \$474,350     |
| Los Angeles County.     | 26,610 tons      | 353,423       | Contra Costa County                   | 48,573 M         | 403,564       |
| Santa Barbara Co...     | 19,192 tons      | 258,549       | Fresno County .....                   | 9,230 M          | 57,300        |
| San Luis Obispo Co..    | 6,000 tons       | 90,000        | Humboldt County ..                    | 140 M            | 1,400         |
| San Francisco Co....    | 4,000 tons       | 60,000        | Imperial County ....                  | 1,000 M          | 10,000        |
| Totals .....            | 79,718 tons      | \$1,058,400   | Kern County .....                     | 2,168 M          | 18,428        |
| <b>BITUMINOUS ROCK.</b> |                  |               | Kings County .....                    | 1,000 M          | 8,000         |
| Santa Cruz County..     | 21,955 tons      | \$64,707      | Los Angeles County.                   | 101,079 M        | 895,272       |
| San Luis Obispo Co..    | 2,167 tons       | 8,128         | Marin County .....                    | 16,000 M         | 118,000       |
| Totals .....            | 24,122 tons      | \$72,835      | Madera County ....                    | 1,250 M          | 12,500        |
| <b>BORAX.</b>           |                  |               | Mendocino County...                   | 400 M            | 4,000         |
| Unapportioned .....     | 53,412 tons      | \$1,200,913   | Merced County .....                   | 1,250 M          | 12,500        |
| <b>CEMENT.</b>          |                  |               | Orange County .....                   | 3,176 M          | 26,000        |
| Unapportioned .....     | 1,613,563 bbls.  | \$2,585,577   | Riverside County ...                  | 3,800 M          | 102,000       |
|                         |                  |               | Sacramento County..                   | 16,078 M         | 128,624       |
|                         |                  |               | San Bernardino Co..                   | 1,665 M          | 15,555        |
|                         |                  |               | San Diego County...                   | 4,474 M          | 36,430        |
|                         |                  |               | San Francisco Co....                  | 44,518 M         | 434,140       |
|                         |                  |               | San Joaquin County.                   | 12,250 M         | 81,000        |

QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA—1907.

| CLAYS—BRICK—Continued. |              | QUANTITY.       | VALUE.      |
|------------------------|--------------|-----------------|-------------|
| San Luis Obispo Co..   | 2,000 M      |                 | \$16,000    |
| San Mateo County..     | 8,078 M      |                 | 86,285      |
| Santa Barbara Co...    | 1,615 M      |                 | 14,650      |
| Santa Clara County..   | 30,053 M     |                 | 255,424     |
| Shasta County .....    | 4,500 M      |                 | 33,000      |
| Solano County .....    | 3,000 M      |                 | 25,000      |
| Sonoma County .....    | 11,600 M     |                 | 133,479     |
| Tehama County .....    | 400 M        |                 | 3,200       |
| Tulare County .....    | 2,500 M      |                 | 20,000      |
| Ventura County .....   | 1,600 M      |                 | 12,800      |
| Totals .....           | 362,167 M    |                 | \$3,438,951 |
| CLAYS—POTTERY.         |              |                 |             |
| Alameda County ....    | 12,610 tons  |                 | \$14,299    |
| Amador County ....     | 12,465 tons  |                 | 13,992      |
| Calaveras County ...   | 50 tons      |                 | 250         |
| Los Angeles County..   | 17,900 tons  |                 | 20,500      |
| Placer County .....    | 20,000 tons  |                 | 20,000      |
| Riverside County ...   | 87,260 tons  |                 | 174,713     |
| Sonoma County .....    | 10,500 tons  |                 | 10,700      |
| Totals .....           | 160,385 tons |                 | \$254,454   |
| COAL.                  |              |                 |             |
| Unapportioned .....    | 23,734 tons  |                 | \$55,849    |
| COPPER.                |              |                 |             |
|                        |              | QUANTITY.       | VALUE.      |
| Amador County .....    |              | 5,300 lbs.      | \$1,020     |
| Calaveras County ...   |              | 3,941,883 lbs.  | 609,203     |
| El Dorado County...    |              | 606 lbs.        | 120         |
| Fresno County .....    |              | 250,000 lbs.    | 50,000      |
| Inyo County .....      |              | 6,779 lbs.      | 1,356       |
| Los Angeles County..   |              | 849 lbs.        | 169         |
| Madera County ....     |              | 1,895 lbs.      | 379         |
| Nevada County .....    |              | 22,082 lbs.     | 4,418       |
| Orange County .....    |              | 964 lbs.        | 193         |
| Riverside County ...   |              | 502 lbs.        | 100         |
| San Bernardino Co..    |              | 514,282 lbs.    | 102,856     |
| Shasta County .....    |              | 27,844,364 lbs. | 5,568,873   |
| San Diego .....        |              | 13,246 lbs.     | 2,659       |
| Siskiyou County ....   |              | 193 lbs.        | 39          |
| Totals .....           |              | 32,602,945 lbs. | \$6,341,387 |
| FULLER'S EARTH.        |              |                 |             |
| Kings County .....     |              | 100 tons        | \$1,000     |
| GEMS.                  |              |                 |             |
| Riverside County ..... |              |                 | \$50        |
| San Diego County.....  |              |                 | 206,336     |
| Sonoma County .....    |              |                 | 50          |
| Tulare County .....    |              |                 | 26,206      |
| Total.....             |              |                 | \$232,642   |



# QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA—1907.

| GLASS SAND.                                                | QUANTITY.   | VALUE.      |
|------------------------------------------------------------|-------------|-------------|
| Monterey County ...                                        | 11,065 tons | \$8,178     |
| <b>GOLD.</b>                                               |             |             |
|                                                            |             | VALUE.      |
| Amador County .....                                        |             | \$2,116,182 |
| Butte County .....                                         |             | 2,786,840   |
| Calaveras County .....                                     |             | 1,097,974   |
| Colusa County .....                                        |             | 734         |
| Del Norte County .....                                     |             | 878         |
| El Dorado County .....                                     |             | 319,177     |
| Fresno County .....                                        |             | 2,401       |
| Humboldt County .....                                      |             | 40,109      |
| Inyo County .....                                          |             | 57,241      |
| Kern County .....                                          |             | 878,798     |
| Lassen and Los Angeles Counties (un-<br>apportioned) ..... |             |             |
| Madera County .....                                        |             | 13,303      |
| Mariposa County .....                                      |             | 405,498     |
| Merced County .....                                        |             | 822         |
| Mono County .....                                          |             | 383,971     |
| Monterey County .....                                      |             | 1,076       |
| Nevada County .....                                        |             | 2,162,083   |
| Orange County (unapportioned) .....                        |             |             |
| Placer County .....                                        |             | 482,772     |
| Plumas County .....                                        |             | 219,355     |
| Riverside County .....                                     |             | 3,836       |
| Sacramento County .....                                    |             | 790,973     |

| <b>GOLD—Continued.</b>               |  | VALUE.       |
|--------------------------------------|--|--------------|
| San Bernardino County .....          |  | \$158,676    |
| San Diego County .....               |  | 7,455        |
| San Luis Obispo County .....         |  | 316          |
| Shasta County .....                  |  | 791,997      |
| Sierra County .....                  |  | 483,904      |
| Siskiyou County .....                |  | 398,017      |
| Stanislaus County .....              |  | 3,364        |
| Trinity County .....                 |  | 535,316      |
| Tuolumne County .....                |  | 806,876      |
| Ventura County (unapportioned) ..... |  |              |
| Yuba County .....                    |  | 1,766,770    |
| Unapportioned .....                  |  | 11,214       |
| Total .....                          |  | \$16,727,928 |

| <b>GRANITE.</b>         | QUANTITY.       | VALUE.    |
|-------------------------|-----------------|-----------|
| Fresno County .....     | 9,200 cu. ft.   | \$10,500  |
| Madera County .....     | 99,278 cu. ft.  | 93,372    |
| Nevada County .....     | 12,840 cu. ft.  | 9,300     |
| Placer County .....     | 103,904 cu. ft. | 94,459    |
| Riverside County .....  | 124,977 cu. ft. | 134,522   |
| Sacramento County ..... | 26,105 cu. ft.  | 4,625     |
| San Bernardino Co..     | 3,227 cu. ft.   | 2,948     |
| San Diego County...     | 19,900 cu. ft.  | 23,650    |
| Totals .....            | 399,431 cu. ft. | \$373,376 |

# QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA—1907.

| <b>GYPSUM.</b>           | QUANTITY.    | VALUE.   |
|--------------------------|--------------|----------|
| Kern County .....        | 1,000 tons   | \$5,500  |
| Los Angeles County.      | 7,500 tons   | 50,000   |
| Tulare County .....      | 400 tons     | 2,200    |
| Totals .....             | 8,900 tons   | \$57,700 |
| <b>INFUSORIAL EARTH.</b> |              |          |
| Santa Barbara Co...      | 2,531 tons   | \$28,948 |
| <b>IRON ORE.</b>         |              |          |
| Shasta County .....      | 400 tons     | \$400    |
| <b>LEAD.</b>             |              |          |
| Inyo County .....        | 261,140 lbs. | \$13,096 |
| Madera County .....      | 896 lbs.     | 47       |
| Mariposa County ...      | 1,142 lbs.   | 60       |
| Orange County .....      | 24,472 lbs.  | 1,303    |
| Riverside County ...     | 3,206 lbs.   | 170      |
| San Bernardino Co..      | 34,211 lbs.  | 1,822    |
| San Diego County...      | 971 lbs.     | 52       |
| Siskiyou County .....    | 2,643 lbs.   | 140      |
| Totals .....             | 326,841 lbs. | \$16,690 |

| <b>LIME.</b>         | QUANTITY.     | VALUE.    |
|----------------------|---------------|-----------|
| Contra Costa County  | 1,413 bbls.   | \$1,413   |
| El Dorado County...  | 16,198 bbls.  | 16,198    |
| Kern County .....    | 153,003 bbls. | 153,003   |
| Los Angeles County.  | 20,000 bbls.  | 20,000    |
| Monterey County ...  | 100,000 bbls. | 125,000   |
| Placer County .....  | 11,430 bbls.  | 11,430    |
| Riverside County ... | 6,000 bbls.   | 6,500     |
| San Benito County..  | 8,453 bbls.   | 8,453     |
| San Bernardino Co..  | 8,600 bbls.   | 8,600     |
| San Luis Obispo Co.. | 300 bbls.     | 600       |
| Santa Clara County.  | 3,500 bbls.   | 3,500     |
| Santa Cruz County..  | 213,599 bbls. | 241,179   |
| Shasta County .....  | 29,222 bbls.  | 31,900    |
| Siskiyou County .... | 1,000 bbls.   | 1,000     |
| Sonoma County ....   | 1,500 bbls.   | 2,600     |
| Tuolumne County ..   | 110,000 bbls. | 125,000   |
| Totals .....         | 684,218 bbls. | \$756,376 |

| <b>LIMESTONE.</b>    | QUANTITY.   | VALUE.  |
|----------------------|-------------|---------|
| Amador County ....   | 1,000 tons  | \$1,200 |
| Calaveras County ... | 6,872 tons  | 16,955  |
| Contra Costa County  | 22,038 tons | 43,038  |
| El Dorado County...  | 5,394 tons  | 15,318  |
| Kern County .....    | 11,792 tons | 16,819  |
| Los Angeles County.  | 3,500 tons  | 5,000   |
| Placer County .....  | 38,869 tons | 79,768  |



# QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA-1907.

| LIMESTONE—Continued. |                |             | MAGNESITE.           |                |           |
|----------------------|----------------|-------------|----------------------|----------------|-----------|
|                      | QUANTITY.      | VALUE.      |                      | QUANTITY.      | VALUE.    |
| Plumas County .....  | 5,000 tons     | \$5,000     | Alameda County ...   | 3,700 tons     | \$33,300  |
| San Bernardino Co..  | 74,709 tons    | 139,188     | Riverside County ... | 75 tons        | 1,750     |
| Santa Barbara Co...  | 15,000 tons    | 30,000      | Tulare County .....  | 2,380 tons     | 21,420    |
| Santa Clara County.  | 9,460 tons     | 16,694      |                      |                |           |
| Santa Cruz County..  | 6,370 tons     | 6,000       | Totals .....         | 6,405 tons     | \$57,720  |
| Shasta County .....  | 30,761 tons    | 30,761      |                      |                |           |
| Siskiyou County .... | 220 tons       | 300         |                      |                |           |
|                      |                |             |                      |                |           |
| Totals .....         | 230,985 tons   | \$406,041   |                      |                |           |
| MACADAM.             |                |             | MANGANESE.           |                |           |
|                      |                |             |                      |                |           |
| Alameda County ...   | 658,901 tons   | \$461,726   | Plumas County .....  | 1 ton          | \$25      |
| Colusa County .....  | 3,550 tons     | 3,550       |                      |                |           |
| Contra Costa County  | 286,500 tons   | 210,250     |                      |                |           |
| Los Angeles County.  | 32,179 tons    | 23,625      |                      |                |           |
| Riverside County ... | 39,300 tons    | 28,150      |                      |                |           |
| Sacramento County..  | 26,252 tons    | 9,736       |                      |                |           |
| San Benito County..  | 104,747 tons   | 48,661      |                      |                |           |
| San Bernardino Co..  | 500 tons       | 375         |                      |                |           |
| San Francisco Co...  | 96,114 tons    | 64,988      |                      |                |           |
| San Luis Obispo Co.. | 4,080 tons     | 3,000       |                      |                |           |
| San Mateo County..   | 2,111 tons     | 2,111       |                      |                |           |
| Santa Cruz County..  | 15,800 tons    | 14,800      |                      |                |           |
| Solano County .....  | 247,873 tons   | 191,231     |                      |                |           |
| Sonoma County ....   | 26,710 tons    | 20,149      |                      |                |           |
|                      |                |             |                      |                |           |
| Totals .....         | 1,544,617 tons | \$1,082,302 |                      |                |           |
|                      |                |             | MARBLE.              |                |           |
|                      |                |             |                      |                |           |
|                      |                |             | Inyo County .....    | 1,000 cu. ft.  | \$4,000   |
|                      |                |             | Los Angeles County.  | 1,000 cu. ft.  | 3,000     |
|                      |                |             | Riverside County ... | 3,000 cu. ft.  | 9,000     |
|                      |                |             | San Bernardino Co..  | 6,482 cu. ft.  | 29,946    |
|                      |                |             | San Diego County...  | 4,000 cu. ft.  | 12,000    |
|                      |                |             | Tuolumne County ..   | 22,030 cu. ft. | 60,120    |
|                      |                |             |                      |                |           |
|                      |                |             | Totals .....         | 37,512 cu. ft. | \$118,066 |
|                      |                |             | MINERAL WATER.       |                |           |
|                      |                |             |                      |                |           |
|                      |                |             | Butte County .....   | 21,400 gals.   | \$2,140   |
|                      |                |             | Colusa County .....  | 254,075 gals.  | 51,233    |
|                      |                |             | Lake County .....    | 304,340 gals.  | 130,936   |
|                      |                |             | Los Angeles County.  | 385,000 gals.  | 35,100    |
|                      |                |             | Mendocino County ..  | 45,000 gals.   | 9,800     |
|                      |                |             | Monterey County ...  | 120,000 gals.  | 12,000    |

# QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA-1907.

| MINERAL WATER—Cont'd. |                   |           | PAVING BLOCKS.       |                  |              |
|-----------------------|-------------------|-----------|----------------------|------------------|--------------|
|                       | QUANTITY.         | VALUE.    |                      | QUANTITY.        | VALUE.       |
| Napa County .....     | 240,000 gals.     | \$103,600 | Riverside County ... | 1,173 M          | \$55,447     |
| San Benito County..   | 26,000 gals.      | 2,600     | San Bernardino Co..  | 625 M            | 28,125       |
| San Diego County...   | 2,000 gals.       | 2,000     | Solano County .....  | 108 M            | 2,978        |
| San Luis Obispo Co..  | 4,800 gals.       | 1,000     | Sonoma County ....   | 2,698 M          | 112,797      |
| Santa Barbara Co...   | 39,480 gals.      | 24,250    |                      |                  |              |
| Santa Clara County.   | 11,374 gals.      | 2,187     | Totals .....         | 4,604 M          | \$199,347    |
| Shasta County .....   | 22,000 gals.      | 55,000    |                      |                  |              |
| Sierra County .....   | 120,000 gals.     | 12,000    |                      |                  |              |
| Siskiyou County ....  | 725,000 gals.     | 36,250    |                      |                  |              |
| Solano County .....   | 40,000 gals.      | 4,000     |                      |                  |              |
| Sonoma County ....    | 12,000 gals.      | 4,200     |                      |                  |              |
| Tehama County ....    | 550,000 gals.     | 55,000    |                      |                  |              |
| Yuba County .....     | 1,800 gals.       | 720       |                      |                  |              |
|                       |                   |           |                      |                  |              |
| Totals .....          | 2,924,269 gals.   | \$544,016 |                      |                  |              |
| MINERAL PAINT.        |                   |           | PETROLEUM.           |                  |              |
|                       |                   |           |                      |                  |              |
| Stanislaus County ..  | 250 tons          | \$1,720   | Fresno County .....  | 9,050,300 bbls.  | \$3,620,120  |
|                       |                   |           | Kern County .....    | 15,700,308 bbls. | 4,673,867    |
|                       |                   |           | Los Angeles County.  | 4,318,739 bbls.  | 2,633,541    |
|                       |                   |           | Orange County .....  | 2,426,750 bbls.  | 1,456,050    |
|                       |                   |           | San Luis Obispo Co.. | 48,127 bbls.     | 16,845       |
|                       |                   |           | Santa Barbara Co...  | 8,392,623 bbls.  | 4,166,661    |
|                       |                   |           | Santa Clara County.  | 22,100 bbls.     | 5,525        |
|                       |                   |           | Ventura County ....  | 352,224 bbls.    | 211,334      |
|                       |                   |           |                      |                  |              |
|                       |                   |           | Totals .....         | 40,311,171 bbls. | \$16,783,943 |
| NATURAL GAS.          |                   |           | PLATINUM.            |                  |              |
|                       |                   |           |                      |                  |              |
| Sacramento County..   | 60,225 M cu. ft.  | \$52,874  | Unapportioned .....  | 300.07 ounces    | \$6,255      |
| San Joaquin County.   | 101,000 M cu. ft. | 52,723    |                      |                  |              |
| Santa Barbara Co...   | 600 M cu. ft.     | 300       |                      |                  |              |
| Solano County .....   | 6,341 M cu. ft.   | 6,584     |                      |                  |              |
| Ventura County ....   | 1,825 M cu. ft.   | 2,278     |                      |                  |              |
|                       |                   |           |                      |                  |              |
| Totals .....          | 169,991 M cu. ft. | \$114,759 |                      |                  |              |
|                       |                   |           | PYRITES.             |                  |              |
|                       |                   |           |                      |                  |              |
|                       |                   |           | Alameda County ...   | 16,482 tons      | \$54,410     |
|                       |                   |           | Shasta County .....  | 65,788 tons      | 197,364      |
|                       |                   |           |                      |                  |              |
|                       |                   |           | Totals .....         | 82,270 tons      | \$251,774    |



# QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA—1907.

| LIMESTONE—Continued. |                |             | MAGNESITE.           |               |          |
|----------------------|----------------|-------------|----------------------|---------------|----------|
|                      | QUANTITY.      | VALUE.      |                      | QUANTITY.     | VALUE.   |
| Plumas County .....  | 5,000 tons     | \$5,000     | Alameda County ...   | 3,700 tons    | \$33,300 |
| San Bernardino Co... | 74,709 tons    | 139,188     | Riverside County ... | 75 tons       | 1,750    |
| Santa Barbara Co...  | 15,000 tons    | 30,000      | Tulare County .....  | 2,380 tons    | 21,420   |
| Santa Clara County.  | 9,460 tons     | 16,694      |                      |               |          |
| Santa Cruz County..  | 6,370 tons     | 6,000       | Totals .....         | 6,405 tons    | \$57,720 |
| Shasta County .....  | 30,761 tons    | 30,761      |                      |               |          |
| Siskiyou County .... | 220 tons       | 300         |                      |               |          |
|                      |                |             |                      |               |          |
| Totals .....         | 230,985 tons   | \$406,041   |                      |               |          |
| MACADAM.             |                |             | MANGANESE.           |               |          |
|                      |                |             |                      |               |          |
| Alameda County ...   | 658,901 tons   | \$461,726   | Plumas County .....  | 1 ton         | \$25     |
| Colusa County .....  | 3,550 tons     | 3,550       |                      |               |          |
| Contra Costa County  | 286,500 tons   | 210,250     |                      |               |          |
| Los Angeles County.  | 32,179 tons    | 23,625      |                      |               |          |
| Riverside County ... | 39,300 tons    | 28,150      |                      |               |          |
| Sacramento County..  | 26,252 tons    | 9,736       |                      |               |          |
| San Benito County..  | 104,747 tons   | 48,661      |                      |               |          |
| San Bernardino Co..  | 500 tons       | 375         |                      |               |          |
| San Francisco Co...  | 96,114 tons    | 64,988      |                      |               |          |
| San Luis Obispo Co.. | 4,080 tons     | 3,000       |                      |               |          |
| San Mateo County..   | 2,111 tons     | 2,111       |                      |               |          |
| Santa Cruz County..  | 15,800 tons    | 14,800      |                      |               |          |
| Solano County .....  | 247,873 tons   | 191,231     |                      |               |          |
| Sonoma County ....   | 26,710 tons    | 20,149      |                      |               |          |
|                      |                |             |                      |               |          |
| Totals .....         | 1,544,617 tons | \$1,082,302 |                      |               |          |
| MARBLE.              |                |             | MINERAL WATER.       |               |          |
|                      |                |             |                      |               |          |
| Inyo County .....    | 1,000 cu. ft.  | \$4,000     | Butte County .....   | 21,400 gals.  | \$2,140  |
| Los Angeles County.  | 1,000 cu. ft.  | 3,000       | Colusa County .....  | 254,075 gals. | 51,233   |
| Riverside County ... | 3,000 cu. ft.  | 9,000       | Lake County .....    | 304,340 gals. | 130,936  |
| San Bernardino Co..  | 6,482 cu. ft.  | 29,946      | Los Angeles County.  | 385,000 gals. | 35,100   |
| San Diego County...  | 4,000 cu. ft.  | 12,000      | Mendocino County ..  | 45,000 gals.  | 9,800    |
| Tuolumne County ..   | 22,030 cu. ft. | 60,120      | Monterey County ...  | 120,000 gals. | 12,000   |
|                      |                |             |                      |               |          |
| Totals .....         | 37,512 cu. ft. | \$118,066   |                      |               |          |

# QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA—1907.

| MINERAL WATER—Cont'd. |                   |           | PAVING BLOCKS.       |                  |              |
|-----------------------|-------------------|-----------|----------------------|------------------|--------------|
|                       | QUANTITY.         | VALUE.    |                      | QUANTITY.        | VALUE.       |
| Napa County .....     | 240,000 gals.     | \$103,600 | Riverside County ... | 1,173 M          | \$55,447     |
| San Benito County..   | 26,000 gals.      | 2,600     | San Bernardino Co..  | 625 M            | 28,125       |
| San Diego County...   | 2,000 gals.       | 2,000     | Solano County .....  | 108 M            | 2,978        |
| San Luis Obispo Co..  | 4,800 gals.       | 1,000     | Sonoma County ....   | 2,698 M          | 112,797      |
| Santa Barbara Co...   | 39,480 gals.      | 24,250    |                      |                  |              |
| Santa Clara County.   | 11,374 gals.      | 2,187     | Totals .....         | 4,604 M          | \$199,347    |
| Shasta County .....   | 22,000 gals.      | 55,000    |                      |                  |              |
| Sierra County .....   | 120,000 gals.     | 12,000    |                      |                  |              |
| Siskiyou County ....  | 725,000 gals.     | 36,250    |                      |                  |              |
| Solano County .....   | 40,000 gals.      | 4,000     |                      |                  |              |
| Sonoma County ....    | 12,000 gals.      | 4,200     |                      |                  |              |
| Tehama County ....    | 550,000 gals.     | 55,000    |                      |                  |              |
| Yuba County .....     | 1,800 gals.       | 720       |                      |                  |              |
|                       |                   |           |                      |                  |              |
| Totals .....          | 2,924,269 gals.   | \$544,016 |                      |                  |              |
| MINERAL PAINT.        |                   |           | PETROLEUM.           |                  |              |
|                       |                   |           |                      |                  |              |
| Stanislaus County ..  | 250 tons          | \$1,720   | Fresno County .....  | 9,050,300 bbls.  | \$3,620,120  |
|                       |                   |           | Kern County .....    | 15,700,308 bbls. | 4,673,867    |
|                       |                   |           | Los Angeles County.  | 4,318,739 bbls.  | 2,633,541    |
|                       |                   |           | Orange County .....  | 2,426,750 bbls.  | 1,456,050    |
|                       |                   |           | San Luis Obispo Co.. | 48,127 bbls.     | 16,845       |
|                       |                   |           | Santa Barbara Co...  | 8,392,623 bbls.  | 4,166,661    |
|                       |                   |           | Santa Clara County.  | 22,100 bbls.     | 5,525        |
|                       |                   |           | Ventura County ....  | 352,224 bbls.    | 211,334      |
|                       |                   |           |                      |                  |              |
|                       |                   |           | Totals .....         | 40,311,171 bbls. | \$16,783,943 |
| NATURAL GAS.          |                   |           | PLATINUM.            |                  |              |
|                       |                   |           |                      |                  |              |
| Sacramento County..   | 60,225 M cu. ft.  | \$52,874  | Unapportioned .....  | 300.07 ounces    | \$6,255      |
| San Joaquin County.   | 101,000 M cu. ft. | 52,723    |                      |                  |              |
| Santa Barbara Co...   | 600 M cu. ft.     | 300       |                      |                  |              |
| Solano County .....   | 6,341 M cu. ft.   | 6,584     |                      |                  |              |
| Ventura County ....   | 1,825 M cu. ft.   | 2,278     |                      |                  |              |
|                       |                   |           |                      |                  |              |
| Totals .....          | 169,991 M cu. ft. | \$114,759 |                      |                  |              |
| PYRITES.              |                   |           |                      |                  |              |
|                       |                   |           |                      |                  |              |
| Alameda County ...    | 16,482 tons       | \$54,410  |                      |                  |              |
| Shasta County .....   | 65,788 tons       | 197,364   |                      |                  |              |
|                       |                   |           |                      |                  |              |
| Totals .....          | 82,270 tons       | \$251,774 |                      |                  |              |



# QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA—1907.

| QUICKSILVER.         |               |           | SALT.                |                 |           |
|----------------------|---------------|-----------|----------------------|-----------------|-----------|
|                      | QUANTITY.     | VALUE.    |                      | QUANTITY.       | VALUE.    |
| Colusa County .....  | 17 flasks     | \$648     | Alameda County ...   | 54,922 tons     | \$163,127 |
| Lake County .....    | 802 flasks    | 30,604    | Colusa County .....  | 16 tons         | 240       |
| Napa County .....    | 2,500 flasks  | 95,400    | Los Angeles County.. | 12,000 tons     | 36,000    |
| San Benito County..  | 7,675 flasks  | 292,878   | San Mateo County...  | 14,000 tons     | 56,000    |
| San Luis Obispo Co.. | 2,509 flasks  | 95,743    | San Diego County...  | 7,000 tons      | 55,000    |
| Santa Barbara Co...  | 60 flasks     | 2,289     | Solano County .....  | 125 tons        | 600       |
| Santa Clara County.  | 2,518 flasks  | 96,086    |                      |                 |           |
| Solano County .....  | 640 flasks    | 24,222    | Totals .....         | 88,063 tons     | \$310,967 |
| Sonoma County ....   | 560 flasks    | 21,369    |                      |                 |           |
| Trinity County ..... | 98 flasks     | 3,739     |                      |                 |           |
| Totals .....         | 17,379 flasks | \$663,178 |                      |                 |           |
| RUBBLE.              |               |           | SANDSTONE.           |                 |           |
| Alameda County ...   | 88,499 tons   | \$50,881  | Colusa County .....  | 86,954 cu. ft.  | \$78,259  |
| Los Angeles County.  | 16,598 tons   | 13,279    | Los Angeles County.  | 21,196 cu. ft.  | 19,076    |
| Marin County .....   | 57,100 tons   | 134,111   | Santa Barbara Co...  | 39,740 cu. ft.  | 37,566    |
| Napa County .....    | 3,000 tons    | 3,000     | Siskiyou County .... | 1,433 cu. ft.   | 12,897    |
| Placer County .....  | 20,340 tons   | 24,263    | Yolo County .....    | 250 cu. ft.     | 350       |
| Riverside County ... | 140,933 tons  | 352,933   |                      |                 |           |
| Sacramento County..  | 5,600 tons    | 4,200     | Totals .....         | 159,573 cu. ft. | \$148,148 |
| San Bernardino Co..  | 116,569 tons  | 116,494   |                      |                 |           |
| San Diego County...  | 38,000 tons   | 28,500    |                      |                 |           |
| Santa Barbara Co...  | 8,450 tons    | 4,950     |                      |                 |           |
| San Francisco Co...  | 29,722 tons   | 32,285    |                      |                 |           |
| Siskiyou County .... | 78,000 tons   | 39,000    |                      |                 |           |
| Solano County .....  | 5,700 tons    | 7,937     |                      |                 |           |
| Ventura County ....  | 35,760 tons   | 20,880    |                      |                 |           |
| Totals .....         | 744,271 tons  | \$832,713 |                      |                 |           |

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# QUANTITY AND VALUE OF MINERAL PRODUCTS OF CALIFORNIA—1907.

| SILVER—Continued.                                     |             | SILVER—Continued.                   |             |
|-------------------------------------------------------|-------------|-------------------------------------|-------------|
|                                                       | COM. VALUE. |                                     | COM. VALUE. |
| Kern County .....                                     | \$86,033    | Ventura County (unapportioned)..... | .....       |
| Lassen and Los Angeles Counties (unapportioned) ..... | .....       | Yuba County .....                   | \$6,187     |
| Madera County .....                                   | 506         | Unapportioned .....                 | 11,066      |
| Mariposa County .....                                 | 4,150       |                                     |             |
| Merced County .....                                   | 10          | Total .....                         | \$751,646   |
| Mono County .....                                     | 29,797      |                                     |             |
| Monterey County .....                                 | 9           |                                     |             |
| Nevada County .....                                   | 17,505      |                                     |             |
| Orange County (unapportioned).....                    | .....       |                                     |             |
| Placer County .....                                   | 3,358       |                                     |             |
| Plumas County .....                                   | 948         |                                     |             |
| Riverside County .....                                | 26          |                                     |             |
| Sacramento County .....                               | 2,034       |                                     |             |
| San Bernardino County .....                           | 81,339      |                                     |             |
| San Diego County .....                                | 35          |                                     |             |
| Shasta County .....                                   | 370,211     |                                     |             |
| Sierra County .....                                   | 2,621       |                                     |             |
| Siskiyou County .....                                 | 3,037       |                                     |             |
| Stanislaus County .....                               | 28          |                                     |             |
| Trinity County .....                                  | 2,399       |                                     |             |
| Tuolumne County .....                                 | 6,453       |                                     |             |

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# ASSESSED VALUATION, AREA, AND POPULATION OF CALIFORNIA.\*

|                           | Grand Total<br>Value of All<br>Property in 1908. | Area,<br>in Square<br>Miles. | Popu-<br>lation<br>1900. |                              | Grand Total<br>Value of All<br>Property in 1908. | Area,<br>in Square<br>Miles. | Popu-<br>lation<br>1900. |
|---------------------------|--------------------------------------------------|------------------------------|--------------------------|------------------------------|--------------------------------------------------|------------------------------|--------------------------|
| Alameda County .....      | \$186,892,225                                    | 840                          | 130,197                  | Placer County .....          | \$11,932,139                                     | 1,484                        | 15,786                   |
| Alpine County .....       | 505,430                                          | 575                          | 509                      | Plumas County .....          | 5,598,674                                        | 2,361                        | 4,657                    |
| Amador County .....       | 5,549,443                                        | 568                          | 11,116                   | Riverside County .....       | 21,874,067                                       | 7,008                        | 17,897                   |
| Butte County .....        | 20,719,555                                       | 1,764                        | 17,117                   | Sacramento County .....      | 57,679,076                                       | 1,007                        | 45,915                   |
| Calaveras County .....    | 6,490,982                                        | 990                          | 11,200                   | San Benito County .....      | 7,062,961                                        | 1,476                        | 6,633                    |
| Colusa County .....       | 13,000,146                                       | 1,080                        | 7,364                    | San Bernardino County .....  | 33,040,625                                       | 20,055                       | 27,929                   |
| Contra Costa County ..... | 29,405,603                                       | 750                          | 18,046                   | San Diego County .....       | 31,447,399                                       | 4,377                        | 35,090                   |
| Del Norte County .....    | 3,866,790                                        | 1,546                        | 2,408                    | San Francisco County .....   | 454,708,331                                      | 42                           | 342,782                  |
| El Dorado County .....    | 5,799,292                                        | 1,891                        | 8,986                    | San Joaquin County .....     | 44,383,619                                       | 1,370                        | 35,452                   |
| Fresno County .....       | 50,486,541                                       | 5,940                        | 37,862                   | San Luis Obispo County ..... | 17,004,669                                       | 3,500                        | 16,637                   |
| Glenn County .....        | 12,027,466                                       | 1,400                        | 5,150                    | San Mateo County .....       | 26,003,863                                       | 470                          | 12,094                   |
| Humboldt County .....     | 28,507,647                                       | 3,507                        | 27,104                   | Santa Barbara County .....   | 25,380,605                                       | 2,450                        | 18,934                   |
| Imperial County .....     | 7,409,539                                        | 4,140                        | .....                    | Santa Clara County .....     | 63,493,913                                       | 1,355                        | 60,216                   |
| Inyo County .....         | 3,939,255                                        | 10,224                       | 4,377                    | Santa Cruz County .....      | 16,630,115                                       | 425                          | 21,512                   |
| Kern County .....         | 32,308,498                                       | 8,159                        | 16,480                   | Shasta County .....          | 15,489,792                                       | 4,050                        | 17,318                   |
| Kings County .....        | 10,120,697                                       | 1,257                        | 9,871                    | Sierra County .....          | 2,373,312                                        | 910                          | 4,017                    |
| Lake County .....         | 3,678,861                                        | 1,332                        | 6,017                    | Siskiyou County .....        | 17,449,660                                       | 6,078                        | 16,962                   |
| Lassen County .....       | 6,436,035                                        | 4,750                        | 4,511                    | Solano County .....          | 20,862,269                                       | 911                          | 24,143                   |
| Los Angeles County .....  | 407,666,294                                      | 3,957                        | 170,298                  | Sonoma County .....          | 35,403,855                                       | 1,540                        | 38,480                   |
| Madera County .....       | 9,438,553                                        | 2,140                        | 6,364                    | Stanislaus County .....      | 17,016,224                                       | 1,486                        | 9,550                    |
| Marin County .....        | 18,569,594                                       | 516                          | 15,702                   | Sutter County .....          | 7,283,735                                        | 611                          | 5,886                    |
| Mariposa County .....     | 2,393,904                                        | 1,580                        | 4,720                    | Tehama County .....          | 13,519,660                                       | 3,200                        | 10,996                   |
| Mendocino County .....    | 14,948,857                                       | 3,460                        | 20,465                   | Trinity County .....         | 2,830,322                                        | 3,276                        | 4,383                    |
| Merced County .....       | 18,041,385                                       | 1,750                        | 9,215                    | Tulare County .....          | 25,819,396                                       | 4,935                        | 18,357                   |
| Modoc County .....        | 5,230,186                                        | 4,097                        | 5,076                    | Tuolumne County .....        | 7,679,677                                        | 2,282                        | 11,166                   |
| Mono County .....         | 1,278,860                                        | 2,796                        | 2,167                    | Ventura County .....         | 13,073,539                                       | 1,850                        | 14,367                   |
| Monterey County .....     | 23,304,612                                       | 3,450                        | 19,380                   | Yolo County .....            | 18,298,255                                       | 1,017                        | 13,618                   |
| Napa County .....         | 15,720,270                                       | 800                          | 16,451                   | Yuba County .....            | 7,137,557                                        | 625                          | 8,620                    |
| Nevada County .....       | 7,976,508                                        | 958                          | 17,789                   |                              |                                                  |                              |                          |
| Orange County .....       | 20,213,109                                       | 780                          | 19,696                   | Totals .....                 | \$1,994,511,229                                  | 158,297                      | 1,485,053                |

\* Report of the State Controller.

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# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| ALAMEDA COUNTY.     |              |             | CALAVERAS COUNTY.        |                |             |
|---------------------|--------------|-------------|--------------------------|----------------|-------------|
|                     | QUANTITY.    | VALUE.      |                          | QUANTITY.      | VALUE.      |
| Asphalt .....       | 1,416 tons   | \$14,400    | Chrome .....             | 42 tons        | \$840       |
| Brick .....         | 28,770 M     | 474,350     | Clay .....               | 50 tons        | 250         |
| Clay .....          | 12,610 tons  | 14,299      | Copper .....             | 3,941,883 lbs. | 609,203     |
| Macadam .....       | 658,901 tons | 461,726     | Gold .....               | .....          | 1,097,974   |
| Magnesite .....     | 3,700 tons   | 33,300      | Limestone .....          | 6,872 tons     | 16,955      |
| Pyrites .....       | 16,482 tons  | 54,410      | Quartz Crystals ....     | 4,000 lbs.     | \$10,000    |
| Rubble .....        | 88,499 tons  | 50,881      | Silver .....             | .....          | 54,420      |
| Salt .....          | 54,922 tons  | 163,127     |                          |                |             |
|                     |              | \$1,266,493 |                          |                | \$1,789,642 |
| AMADOR COUNTY.      |              |             | COLUSA COUNTY.           |                |             |
|                     |              |             | Gold .....               | .....          | \$734       |
| Clay .....          | 12,465 tons  | \$13,992    | Silver .....             | .....          | 8           |
| Copper .....        | 5,300 lbs.   | 1,020       | Salt .....               | 16 tons        | 240         |
| Gold .....          | .....        | 2,116,182   | Sandstone .....          | 86,954 cu. ft. | 78,259      |
| Limestone .....     | 1,000 tons   | 1,200       | Mineral Water .....      | 254,075 gals.  | 51,233      |
| Silver .....        | .....        | 13,515      | Macadam .....            | 3,550 tons     | 3,500       |
|                     |              | \$2,145,909 | Quicksilver .....        | 17 flasks      | 648         |
| BUTTE COUNTY.       |              |             |                          |                | \$134,622   |
| Gold .....          | .....        | \$2,786,840 | CONTRA COSTA COUNTY.     |                |             |
| Mineral Water ..... | 21,400 gals. | 2,140       | Brick .....              | 48,573 M       | \$403,564   |
| Silver .....        | .....        | 8,967       | Macadam .....            | 268,500 tons   | 210,250     |
|                     |              | \$2,797,947 | Asphalt .....            | 2,057 tons     | 21,870      |
|                     |              |             | Limestone and Lime. .... | .....          | 44,451      |
|                     |              |             |                          |                | \$680,135   |

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# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| DEL NORTE COUNTY.        | QUANTITY.       | VALUE.      | IMPERIAL COUNTY.         | QUANTITY.        | VALUE.      |
|--------------------------|-----------------|-------------|--------------------------|------------------|-------------|
| Gold .....               | .....           | \$878       | Brick .....              | 1,000 M          | \$10,000    |
| Silver .....             | .....           | 3           |                          |                  |             |
|                          |                 | \$881       | INYO COUNTY.             |                  |             |
| EL DORADO COUNTY.        |                 |             | Copper .....             | 6,779 lbs.       | \$1,356     |
| Gold .....               | .....           | \$319,177   | Gold .....               | .....            | 57,241      |
| Lime and Limestone. .... | .....           | 31,516      | Lead .....               | 261,140 lbs.     | 13,096      |
| Silver .....             | .....           | 2,301       | Marble .....             | 1,000 cu. ft.    | 4,000       |
| Slate .....              | 7,000 squares   | 60,000      | Silver .....             | .....            | 44,440      |
| Copper .....             | .....           | 122         | Zinc .....               | 144,213 lbs.     | 8,598       |
|                          |                 | \$413,116   |                          |                  | \$128,731   |
| FRESNO COUNTY.           |                 |             | KERN COUNTY.             |                  |             |
| Brick .....              | 9,230 M         | \$57,350    | Asphalt .....            | 20,443 tons      | \$260,158   |
| Copper .....             | 250,000 lbs.    | 50,000      | Brick .....              | 2,168 M          | 18,428      |
| Gold .....               | .....           | 2,401       | Gold .....               | .....            | 878,798     |
| Petroleum .....          | 9,050,300 bbls. | 3,620,120   | Lime and Limestone. .... | .....            | 169,822     |
| Silver .....             | .....           | 26          | Petroleum .....          | 15,700,308 bbls. | 4,673,867   |
| Granite .....            | 9,200 cu. ft.   | 10,500      | Silver .....             | .....            | 86,033      |
|                          |                 | \$3,740,397 | Gypsum .....             | 1,000 tons       | 5,500       |
| HUMBOLDT COUNTY.         |                 |             |                          |                  | \$6,092,606 |
| Brick .....              | 140 M           | \$1,400     | KINGS COUNTY.            |                  |             |
| Gold .....               | .....           | 40,109      | Brick .....              | 1,000 M          | \$8,000     |
| Silver .....             | .....           | 214         | Fuller's Earth .....     | 100 tons         | 1,000       |
|                          |                 | \$41,723    |                          |                  | \$9,000     |

# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| LAKE COUNTY.             | QUANTITY.       | VALUE.      | MADERA COUNTY.      | QUANTITY.      | VALUE.    |
|--------------------------|-----------------|-------------|---------------------|----------------|-----------|
| Mineral Water .....      | 304,340 gals.   | \$130,936   | Brick .....         | 1,250 M        | \$1,250   |
| Quicksilver .....        | 802 flasks      | 30,604      | Copper .....        | 1,895 lbs.     | 379       |
|                          |                 | \$161,540   | Gold .....          | .....          | 13,303    |
| LOS ANGELES COUNTY.      |                 |             | Granite .....       | 99,278 cu. ft. | 93,372    |
| Asphalt .....            | 26,610 tons     | \$353,423   | Silver .....        | .....          | 506       |
| Brick .....              | 101,079 M       | 895,272     |                     |                | \$120,107 |
| Clay .....               | 17,900 tons     | 20,500      | MARIPOSA COUNTY.    |                |           |
| Copper .....             | 849 lbs.        | 169         | Gold .....          | .....          | \$405,498 |
| Gypsum .....             | 7,500 tons      | 50,000      | Lead .....          | 1,142 lbs.     | 60        |
| Lime and Limestone. .... | .....           | 25,000      | Silver .....        | .....          | 4,500     |
| Macadam .....            | 32,179 tons     | 23,625      |                     |                | \$409,708 |
| Marble .....             | 1,000 cu. ft.   | 3,000       | MENDOCINO COUNTY.   |                |           |
| Mineral Water .....      | 385,000 gals.   | 35,100      | Brick .....         | 400 M          | \$4,000   |
| Petroleum .....          | 4,318,739 bbls. | 2,633,541   | Mineral Water ..... | 45,000 gals.   | 9,800     |
| Rubble .....             | 16,598 tons     | 13,279      |                     |                | \$13,800  |
| Salt .....               | 12,000 tons     | 36,000      | MERCED COUNTY.      |                |           |
| Sandstone .....          | 21,196 cu. ft.  | 19,076      | Brick .....         | 1,250 M        | \$12,500  |
| Serpentine .....         | 1,000 cu. ft.   | 3,000       | Gold .....          | .....          | 822       |
|                          |                 | \$4,110,985 | Silver .....        | .....          | 10        |
| MARIN COUNTY.            |                 |             |                     |                | \$13,332  |
| Brick .....              | 16,000 M        | \$118,000   |                     |                |           |
| Rubble .....             | 157,100 tons    | 134,111     |                     |                |           |
|                          |                 | \$252,111   |                     |                |           |



# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| MONO COUNTY.        | QUANTITY.      | VALUE.      | ORANGE COUNTY.  | QUANTITY.       | VALUE.      |
|---------------------|----------------|-------------|-----------------|-----------------|-------------|
| Gold .....          | .....          | \$383,971   | Brick .....     | 3,176 M         | \$26,000    |
| Silver .....        | .....          | 29,797      | Copper .....    | 964 lbs.        | 193         |
|                     |                | \$413,768   | Lead .....      | 24,472 lbs.     | 1,303       |
|                     |                |             | Petroleum ..... | 2,426,750 bbls. | 1,456,050   |
|                     |                |             | Zinc .....      | 33,546 lbs.     | 2,000       |
|                     |                |             |                 |                 | \$1,485,546 |
| MONTEREY COUNTY.    |                |             | PLACER COUNTY.  |                 |             |
| Glass Sand .....    | 11,065 tons    | \$8,178     | Asbestos .....  | 70 tons         | \$3,500     |
| Gold .....          | .....          | 1,076       | Clay .....      | 20,000 tons     | 20,000      |
| Lime .....          | 100,000 bbls.  | 125,000     | Gold .....      | .....           | 482,772     |
| Mineral Water ..... | 120,000 gals.  | 12,000      | Granite .....   | 103,904 cu. ft. | 94,459      |
| Silver .....        | .....          | 9           | Lime .....      | 11,430 bbls.    | 11,430      |
|                     |                | \$146,263   | Limestone ..... | 38,869 tons     | 79,768      |
|                     |                |             | Rubble .....    | 20,340 tons     | 24,263      |
| NAPA COUNTY.        |                |             | Silver .....    | .....           | 3,358       |
| Mineral Water ..... | 240,000 gals.  | \$103,600   |                 |                 | \$719,550   |
| Quicksilver .....   | 2,500 flasks   | 95,400      | PLUMAS COUNTY.  |                 |             |
| Rubble .....        | 3,000 tons     | 3,000       | Gold .....      | .....           | \$219,355   |
|                     |                | \$202,000   | Limestone ..... | 5,000 tons      | 5,000       |
|                     |                |             | Manganese ..... | 1 ton           | 25          |
| NEVADA COUNTY.      |                |             | Silver .....    | .....           | 948         |
| Copper .....        | 22,082 lbs.    | \$4,418     |                 |                 | \$225,328   |
| Gold .....          | .....          | 2,162,083   |                 |                 |             |
| Granite .....       | 12,840 cu. ft. | 9,300       |                 |                 |             |
| Silver .....        | .....          | 17,505      |                 |                 |             |
|                     |                | \$2,193,306 |                 |                 |             |

# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| RIVERSIDE COUNTY.   | QUANTITY.        | VALUE.    | SAN BENITO COUNTY.     | QUANTITY.         | VALUE.    |
|---------------------|------------------|-----------|------------------------|-------------------|-----------|
| Brick .....         | 3,800 M          | \$102,000 | Lime .....             | 8,453 bbls.       | \$8,453   |
| Clay .....          | 87,260 tons      | 174,713   | Macadam .....          | 104,747 tons      | 48,661    |
| Copper .....        | 502 lbs.         | 100       | Mineral Water .....    | 26,000 gals.      | 2,600     |
| Gems .....          | .....            | 50        | Quicksilver .....      | 7,675 flasks      | 292,878   |
| Gold .....          | .....            | 3,836     |                        |                   | \$352,592 |
| Granite .....       | 124,977 cu. ft.  | 134,522   | SAN BERNARDINO COUNTY. |                   |           |
| Lead .....          | 3,206 lbs.       | 170       | Brick .....            | 1,665 M           | \$15,555  |
| Lime .....          | 6,000 bbls.      | 6,500     | Copper .....           | 514,282 lbs.      | 102,856   |
| Magnesite .....     | 75 tons          | 1,750     | Gold .....             | .....             | 158,676   |
| Macadam .....       | 39,300 tons      | 28,150    | Granite .....          | 3,227 cu. ft.     | 2,948     |
| Paving Blocks ..... | 1,173 M          | 55,447    | Lead .....             | 34,211 lbs.       | 1,822     |
| Rubble .....        | 140,933 tons     | 352,933   | Lime .....             | 8,600 bbls.       | 8,600     |
| Silver .....        | .....            | 26        | Limestone .....        | 74,709 tons       | 139,188   |
|                     |                  | \$869,197 | Macadam .....          | 500 tons          | 375       |
|                     |                  |           | Marble .....           | 6,482 cu. ft.     | 29,946    |
| SACRAMENTO COUNTY.  |                  |           | Paving Blocks .....    | 625 M             | 28,125    |
| Brick .....         | 16,078 M         | \$128,624 | Rubble .....           | 116,569 tons      | 116,494   |
| Gold .....          | .....            | 790,973   | Silver .....           | .....             | 81,339    |
| Granite .....       | 26,105 cu. ft.   | 4,625     |                        |                   | \$685,924 |
| Macadam .....       | 26,252 tons      | 9,736     | SAN JOAQUIN COUNTY.    |                   |           |
| Natural Gas .....   | 60,225 M cu. ft. | 52,874    | Brick .....            | 12,250 M          | \$81,000  |
| Rubble .....        | 5,600 tons       | 4,200     | Natural Gas .....      | 101,000 M cu. ft. | 52,723    |
| Silver .....        | .....            | 2,034     |                        |                   | \$133,723 |
|                     |                  | \$993,066 |                        |                   |           |



# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| SAN DIEGO COUNTY.       | QUANTITY.      | VALUE.    | SAN LUIS OBISPO—Cont'd. | QUANTITY.       | VALUE.      |
|-------------------------|----------------|-----------|-------------------------|-----------------|-------------|
| Brick .....             | 4,474 M        | \$36,430  | Macadam .....           | 4,080 tons      | \$3,000     |
| Copper .....            | 13,246 lbs.    | 2,659     | Mineral Water .....     | 4,800 gals.     | 1,000       |
| Lead .....              | 971 lbs.       | 52        | Petroleum .....         | 48,127 bbls.    | 16,845      |
| Mineral Water .....     | 20,000 gals.   | 2,000     | Quicksilver .....       | 2,509 flasks    | 95,743      |
| Marble .....            | 4,000 cu. ft.  | 12,000    |                         |                 | \$231,632   |
| Gems .....              | .....          | 206,336   |                         |                 |             |
| Granite .....           | 19,900 cu. ft. | 23,650    | SAN MATEO COUNTY.       |                 |             |
| Gold .....              | .....          | \$7,455   | Brick .....             | 8,078 M         | \$86,285    |
| Silver .....            | .....          | 35        | Macadam .....           | 2,111 tons      | 2,111       |
| Rubble .....            | 38,000 tons    | 28,500    | Salt .....              | 14,000 tons     | 56,000      |
| Salt .....              | 7,000 tons     | \$55,000  |                         |                 | \$144,396   |
|                         |                | \$347,117 |                         |                 |             |
| SAN FRANCISCO COUNTY.   |                |           | SANTA BARBARA COUNTY.   |                 |             |
| Asphalt .....           | 4,000 tons     | \$60,000  | Asphalt .....           | 19,192 tons     | \$258,549   |
| Brick .....             | 44,518 M       | 434,140   | Brick .....             | 1,615 M         | 14,650      |
| Macadam .....           | 96,114 tons    | 64,988    | Infusorial Earth ...    | 2,531 tons      | 28,948      |
| Rubble .....            | 29,722 tons    | 32,285    | Limestone .....         | 15,000 tons     | 30,000      |
|                         |                | \$591,413 | Mineral Water .....     | 39,480 gals.    | 24,250      |
| SAN LUIS OBISPO COUNTY. |                |           | Natural Gas .....       | 600 M cu. ft.   | 300         |
| Asphalt .....           | 6,000 tons     | \$90,000  | Petroleum .....         | 8,392,623 bbls. | 4,166,661   |
| Bituminous Rock ...     | 2,167 tons     | 8,128     | Quicksilver .....       | 60 flasks       | 2,289       |
| Brick .....             | 2,000 M        | 16,000    | Rubble .....            | 8,450 tons      | 4,950       |
| Gold .....              | .....          | 316       | Sandstone .....         | 39,740 cu. ft.  | 37,566      |
| Lime .....              | 300 bbls.      | 600       |                         |                 | \$4,568,163 |

# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| SANTA CLARA COUNTY. | QUANTITY.       | VALUE.      | SIERRA COUNTY.      | QUANTITY.      | VALUE.    |
|---------------------|-----------------|-------------|---------------------|----------------|-----------|
| Brick .....         | 30,053 M        | \$255,424   | Gold .....          | .....          | \$483,904 |
| Lime .....          | 3,500 bbls.     | 3,500       | Mineral Water ..... | 120,000 gals.  | 12,000    |
| Limestone .....     | 9,460 tons      | 16,694      | Silver .....        | .....          | 2,621     |
| Mineral Water ..... | 11,374 gals.    | 2,187       |                     |                | \$498,525 |
| Petroleum .....     | 22,100 bbls.    | 5,525       |                     |                |           |
| Quicksilver .....   | 2,518 flasks    | 96,086      | SISKIYOU COUNTY.    |                |           |
|                     |                 | \$379,416   | Copper .....        | 193 lbs.       | \$39      |
| SANTA CRUZ COUNTY.  |                 |             | Gold .....          | .....          | 398,017   |
| Bituminous Rock ... | 21,955 tons     | \$64,707    | Lime .....          | 1,000 bbls     | 1,000     |
| Lime .....          | 213,599 bbls.   | 241,179     | Limestone .....     | 220 tons       | 300       |
| Limestone .....     | 6,370 tons      | 6,000       | Mineral Water ..... | 725,000 gals.  | 36,250    |
| Macadam .....       | 15,800 tons     | 14,800      | Rubble .....        | 78,000 tons    | 39,000    |
|                     |                 | \$326,686   | Sandstone .....     | 11,433 cu. ft. | 12,897    |
| SHASTA COUNTY.      |                 |             | Silver .....        | .....          | 3,037     |
| Brick .....         | 4,500 M         | \$33,000    |                     |                | \$490,680 |
| Chrome .....        | 260 tons        | 5,200       | SOLANO COUNTY.      |                |           |
| Copper .....        | 27,844,364 lbs. | 5,568,873   | Brick .....         | 3,000 M        | \$25,000  |
| Gold .....          | .....           | 791,997     | Macadam .....       | 247,873 tons   | 191,231   |
| Iron Ore .....      | 400 tons        | 400         | Mineral Water ..... | 40,000 gals.   | 4,000     |
| Lime .....          | 29,222 bbls.    | 31,900      | Natural Gas .....   | 6,341 cu. ft.  | 6,584     |
| Limestone .....     | 30,761 tons     | 30,761      | Paving Blocks ..... | 108 M          | 2,978     |
| Pyrites .....       | 65,788 tons     | 197,364     | Quicksilver .....   | 640 flasks     | 24,422    |
| Silver .....        | .....           | 370,211     | Rubble .....        | 5,700 tons     | 20,880    |
|                     |                 | \$7,084,706 | Salt .....          | 125 tons       | 600       |
|                     |                 |             |                     |                | \$262,752 |



# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| SONOMA COUNTY.      |               |           | TEHAMA COUNTY.             |                 |           |
|---------------------|---------------|-----------|----------------------------|-----------------|-----------|
|                     | QUANTITY.     | VALUE.    |                            | QUANTITY.       | VALUE.    |
| Brick .....         | 11,600 M      | \$133,479 | Brick .....                | 400 M           | \$3,200   |
| Clay .....          | 10,500 tons   | 10,700    | Mineral Water .....        | 455,000 gals.   | 55,000    |
| Gems .....          | .....         | 50        |                            |                 | \$58,200  |
| Lime .....          | 1,500 bbls.   | 2,600     |                            |                 |           |
| Macadam .....       | 26,710 tons   | 20,149    | TULARE COUNTY.             |                 |           |
| Magnesite .....     | 250 tons      | 1,250     | Brick .....                | 2,500 M         | \$20,000  |
| Mineral Water ..... | 220,000 gals. | 55,000    | Gems .....                 | .....           | 26,206    |
| Paving Blocks ..... | 2,698 M       | 112,797   | Gypsum .....               | 400 tons        | 2,200     |
| Quicksilver .....   | 560 flasks    | 21,369    | Magnesite (calcined) ..... | 2,380 tons      | 21,420    |
|                     |               | \$306,594 |                            |                 | \$69,826  |
|                     |               |           |                            |                 |           |
| STANISLAUS COUNTY.  |               |           | TUOLUMNE COUNTY.           |                 |           |
| Gold .....          | ...           | \$3,364   | Gold .....                 | .....           | \$806,876 |
| Mineral Paint ..... | 250 tons      | 1,720     | Lime .....                 | 110,000 bbls.   | 125,000   |
| Silver .....        | ...           | 28        | Marble .....               | 22,030 cu. ft.  | 60,120    |
|                     |               | \$5,112   | Silver .....               | .....           | 6,453     |
|                     |               |           |                            |                 | \$998,449 |
|                     |               |           |                            |                 |           |
| TRINITY COUNTY.     |               |           | VENTURA COUNTY.            |                 |           |
| Gold .....          | .....         | \$533,316 | Brick .....                | 1,600 M         | \$12,800  |
| Quicksilver .....   | 98 flasks     | 3,739     | Natural Gas .....          | 1,825 M cu. ft. | 2,278     |
| Silver .....        | .....         | 2,399     | Petroleum .....            | 352,224 bbls.   | 211,334   |
|                     |               | \$541,454 | Rubble .....               | 35,760 tons     | 20,880    |
|                     |               |           |                            |                 | \$247,292 |

# COUNTY MINERAL PRODUCTS AND VALUE—1907.

| YOLO COUNTY.        |             |             | UNAPPORTIONED. |             |
|---------------------|-------------|-------------|----------------|-------------|
|                     | QUANTITY.   | VALUE.      |                | VALUE.      |
| Sandstone .....     | 250 cu. ft. | \$350       | Borax .....    | \$1,200,913 |
|                     |             |             | Cement .....   | 2,585,577   |
| YUBA COUNTY.        |             |             | Coal .....     | 55,849      |
| Gold .....          | .....       | \$1,766,770 | Gold .....     | 11,214      |
| Mineral Water ..... | 1,800 gals. | 720         | Silver .....   | 11,066      |
| Silver .....        | .....       | 6,187       | Tungsten ..... | 120,587     |
|                     |             | \$1,773,677 |                | \$3,991,461 |



## MINERAL PRODUCTS BY COUNTIES, 1900-1907, SUBSTANCES AND VALUES.\*

That full justice may be given to all mineralized counties in California, the California State Mining Bureau publishes, herewith, covering a series of years, for the first time, the total values of and details of mineral production, giving to the several counties their proper share of that which has been, heretofore, placed under the general heading of "unapportioned." This new departure will enable all counties to use this publication, properly, for promotion purposes, and, it is obvious, to their legitimate and large advantage. In the annual bulletins the use of the "unapportioned" column is still necessary and will be so always. But there is no reason why the various richly mineralized portions of the State should not have their mineral wealth known, as representing the output of a period, and it is and will be the purpose of this Bureau to spread information of this kind as widely as possible, for the purpose of enlightening those who are seeking for mining investments or places in which to place their capital in plants for the production of such minerals as are common to a large majority of California counties. The Bureau believes that the detailed statements will prove of value to all localities and to the State of California as a whole.

In 1894 the California State Mining Bureau began to keep a record, based on the individual returns of producers, of the annual mineral output of this State. The work is now widened in its scope.

\* Unapportioned is not given by years, as such segregation would reveal private business in many instances.

## PRODUCTS BY VALUES—1900-1907.

| ALAMEDA COUNTY.     |           |           |           |                    |           |           |             |             |              |
|---------------------|-----------|-----------|-----------|--------------------|-----------|-----------|-------------|-------------|--------------|
| SUBSTANCES.         | 1900.     | 1901.     | 1902.     | 1903.              | 1904.     | 1905.     | 1906.       | 1907.       | Grand Total. |
| Asphalt .....       |           |           |           |                    |           |           |             | \$14,400    |              |
| Brick .....         | \$40,000  | \$67,130  | \$60,000  | \$82,400           | \$90,000  | \$95,500  | \$413,750   | 474,350     |              |
| Clay .....          |           |           |           |                    |           |           | 10,000      | 14,299      |              |
| Coal .....          | 332,066   | 262,272   | 203,550   | <del>203,550</del> |           |           |             |             |              |
| Copper .....        |           | 2,162     |           |                    |           |           |             |             |              |
| Lead .....          |           |           | 52        |                    |           |           |             |             |              |
| Lime .....          |           |           |           | 15,000             |           |           |             |             |              |
| Macadam .....       | 107,551   | 106,576   | 185,295   | 193,498            | 241,357   | 441,587   | 468,937     | 461,726     |              |
| Magnesite .....     | 180       | 1,100     | 500       |                    |           |           |             | 33,300      |              |
| Manganese .....     | 1,300     | 4,365     | 7,140     |                    | 900       |           |             |             |              |
| Pyrites .....       |           | 18,000    | 53,301    | 88,500             | 62,992    | 63,958    | 56,000      | 54,410      |              |
| Rubble .....        |           | 625       |           | 7,204              | 42,824    | 7,442     | 27,545      | 50,881      |              |
| Salt .....          | 158,674   | 324,136   | 160,000   | 143,605            | 76,340    | 54,200    | 126,838     | 163,127     |              |
| Sand-Glass .....    |           |           |           |                    |           |           | 1,750       |             |              |
| Unapportioned ..... |           |           |           |                    |           |           |             |             | \$233,032    |
| Totals .....        | \$639,771 | \$786,366 | \$666,838 | \$530,207          | \$514,413 | \$662,687 | \$1,104,820 | \$1,266,493 | \$6,404,627  |
| ALPINE COUNTY.      |           |           |           |                    |           |           |             |             |              |
| Copper .....        |           | \$1,319   |           |                    |           |           |             |             |              |
| Gold .....          |           | 23,568    | \$10,350  | \$2,701            | \$4,827   | \$575     |             |             |              |
| Silver .....        |           | 2,860     | 3,770     | 146                | 145       |           |             |             |              |
| Unapportioned ..... |           |           |           |                    |           |           |             |             | \$5,465      |
| Totals .....        |           | \$27,747  | \$14,129  | \$2,847            | \$4,972   | \$575     |             |             | \$55,735     |



# PRODUCTS BY VALUES—1900-1907.

## AMADOR COUNTY.

| SUBSTANCES.         | 1900.       | 1901.       | 1902.       | 1903.       | 1904.       | 1905.       | 1906.       | 1907.       | Grand Total. |
|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Brick .....         |             | \$7,000     |             |             |             |             |             |             |              |
| Clay .....          | \$9,100     | 7,100       | \$13,728    | \$19,460    | \$10,770    | \$20,000    | \$28,119    | \$13,992    |              |
| Coal .....          | 41,215      | 30,000      | 10,912      |             |             |             |             |             |              |
| Copper .....        | 34,100      | 8,190       | 14,620      | 900         | 1,400       | 1,560       | 1,669       | 1,020       |              |
| Glass-Sand .....    |             |             |             |             | 750         |             |             |             |              |
| Gold .....          | 1,373,788   | 1,823,827   | 1,629,151   | 1,609,744   | 2,060,573   | 2,445,815   | 2,260,376   | 2,116,182   |              |
| Lime .....          |             |             |             |             | 1,700       | 1,500       | 1,200       |             |              |
| Limestone .....     |             |             |             |             |             |             |             | 1,200       |              |
| Marble .....        | 5,891       | 4,630       | 8,016       | 5,379       | 6,558       | 3,950       |             |             |              |
| Silver .....        | 14,915      | 7,444       | 2,686       | 4,336       | 4,055       | 17,930      | 14,579      | 13,515      |              |
| Unapportioned ..... |             |             |             |             |             |             |             |             | \$287,172    |
| Totals .....        | \$1,479,009 | \$1,888,191 | \$1,679,113 | \$1,639,819 | \$2,085,806 | \$2,490,755 | \$2,305,943 | \$2,145,909 | \$16,001,717 |

## BUTTE COUNTY.

|                     |           |           |           |             |             |             |             |             |              |
|---------------------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|--------------|
| Brick .....         |           | \$7,200   | \$5,000   | \$7,200     | \$4,020     | \$3,200     | \$1,300     |             |              |
| Gold .....          | \$485,589 | 864,978   | 916,782   | 1,571,507   | 1,932,552   | 2,607,500   | 3,016,747   | \$2,786,840 |              |
| Lime .....          | 600       | 1,500     | 750       | 250         |             |             |             |             |              |
| Limestone .....     |           |           |           | 250         |             |             |             |             |              |
| Mineral Water ..... | 1,515     | 1,455     | 1,500     | 1,550       | 1,512       | 1,500       | 1,950       | 2,140       |              |
| Platinum .....      |           |           |           | 210         | 1,000       | 1,770       | 475         |             |              |
| Silver .....        | 13,082    | 4,634     | 2,219     | 358         | 2,302       | 7,134       | 10,853      | 8,967       |              |
| Unapportioned ..... |           |           |           |             |             |             |             |             | \$105,870    |
| Totals .....        | \$500,786 | \$879,767 | \$926,251 | \$1,581,325 | \$1,941,386 | \$2,621,104 | \$3,031,325 | \$2,797,947 | \$14,385,761 |

# PRODUCTS BY VALUES—1900-1907.

## CALAVERAS COUNTY.

| SUBSTANCES.           | 1900.       | 1901.       | 1902.       | 1903.       | 1904.       | 1905.       | 1906.       | 1907.       | Grand Total. |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Chrome .....          |             |             |             |             | \$375       | \$300       | \$280       | \$840       |              |
| Clay .....            |             |             |             |             | 100         | 300         | 50          | 250         |              |
| Copper .....          | \$150,585   | \$268,000   | \$251,062   | \$297,263   | 414,399     | 572,022     | 956,315     | 609,203     |              |
| Gems .....            |             |             |             |             |             | 10,000      |             |             |              |
| Gold .....            | 1,649,126   | 2,024,685   | 2,072,939   | 1,904,125   | 1,789,184   | 1,736,816   | 1,644,234   | 1,097,974   |              |
| Lime .....            |             |             |             |             | 5,500       |             |             |             |              |
| Limestone .....       |             |             |             |             |             | 15,430      | 7,635       | 16,955      |              |
| Mineral Paint .....   | 3,800       | 500         | 778         | 1,000       | 385         | 1,900       |             |             |              |
| Platinum .....        |             |             |             |             |             |             | 250         |             |              |
| Pyrites .....         | 3,583       |             |             |             |             |             |             |             |              |
| Quartz Crystals ..... | 18,000      | 17,500      |             |             |             |             |             | 10,000      |              |
| Silver .....          | 80,762      | 44,687      | 46,234      | 68,280      | 65,611      |             | 74,099      | 54,420      |              |
| Unapportioned .....   |             |             |             |             |             |             |             |             | \$50,075     |
| Totals .....          | \$1,905,856 | \$2,355,372 | \$2,371,013 | \$2,270,668 | \$2,275,554 | \$2,415,627 | \$2,682,863 | \$1,789,642 | \$18,116,670 |

## COLUSA COUNTY.

|                     |          |         |        |          |         |          |         |        |  |
|---------------------|----------|---------|--------|----------|---------|----------|---------|--------|--|
| Brick .....         |          | \$2,160 |        |          | \$1,800 |          |         |        |  |
| Gold .....          |          | 1,800   | \$850  |          |         |          |         | \$734  |  |
| Macadam .....       |          |         |        |          |         |          |         | 3,550  |  |
| Mineral Water ..... | \$12,350 | 20,220  | 79,698 | \$85,900 | 38,051  |          |         | 51,233 |  |
| Quicksilver .....   | 1,500    | 10,575  | 26,100 | 21,708   | 16,526  | \$12,321 |         | 648    |  |
| Salt .....          | 80       | 270     | 396    | 360      | 180     | 225      | \$170   | 240    |  |
| Sandstone .....     |          | 80,082  | 87,456 | 312,500  | 290,000 | 276,908  | 101,802 | 79,259 |  |
| Silver .....        |          |         |        |          |         |          |         | 8      |  |



PRODUCTS BY VALUES—1900-1907.

COLUSA COUNTY—Continued.

| SUBSTANCES.         | 1900.    | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
|---------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| Rubble .....        |          |           |           |           | \$1,250   |           |           |           | \$104,508    |
| Unapportioned ..... |          |           |           |           |           |           |           |           |              |
| Totals .....        | \$13,930 | \$115,107 | \$194,500 | \$420,468 | \$347,807 | \$289,454 | \$101,972 | \$134,622 | \$1,722,368  |

CONTRA COSTA COUNTY.

|                     |           |           |          |          |           |           |           |           |             |
|---------------------|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|-------------|
| Asphalt .....       |           |           |          |          |           |           |           | \$21,870  |             |
| Brick .....         |           |           | \$11,600 | \$16,000 | \$67,495  | \$73,948  | \$169,022 | 403,564   |             |
| Coal .....          | \$145,000 | \$100,000 | 31,160   |          |           |           |           |           |             |
| Copper .....        |           |           | 3,645    |          |           |           |           |           |             |
| Lime .....          |           |           |          | 4,500    | 10,359    | 13,925    |           | 1,413     |             |
| Limestone .....     |           |           |          | 22,500   |           | 43,500    |           | 43,038    |             |
| Macadam .....       |           |           |          |          | 18,750    | 61,620    | 75,025    | 210,250   |             |
| Mineral Water ..... | 1,900     | 1,900     | 8,736    | 19,500   | 19,000    |           |           |           |             |
| Rubble .....        |           |           |          |          | 14,310    | 4,500     |           |           |             |
| Unapportioned ..... |           |           |          |          |           |           |           |           | \$213,995   |
| Totals .....        | \$146,900 | \$101,900 | \$55,141 | \$62,500 | \$129,914 | \$197,493 | \$244,047 | \$680,135 | \$1,832,025 |

DEL NORTE COUNTY.

|                     |         |          |         |         |         |          |         |       |          |
|---------------------|---------|----------|---------|---------|---------|----------|---------|-------|----------|
| Gold .....          | \$3,483 | \$10,612 | \$5,450 | \$7,183 | \$7,399 | \$10,590 | \$5,945 | \$878 |          |
| Platinum .....      |         |          |         |         | 18      | 22       |         |       |          |
| Silver .....        |         |          |         |         |         |          | 33      | 3     |          |
| Unapportioned ..... |         |          |         |         |         |          |         |       | \$20,000 |
| Totals .....        | \$3,483 | \$10,612 | \$5,450 | \$7,183 | \$7,417 | \$10,612 | \$5,978 | \$881 | \$71,616 |

PRODUCTS BY VALUES—1900-1907.

EL DORADO COUNTY.

| SUBSTANCES.         | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| Asbestos .....      |           |           |           |           | \$162     | \$2,625   | \$1,000   |           |              |
| Copper .....        | \$500     |           | \$319     |           |           | 24,960    |           | \$122     |              |
| Gold .....          | 368,541   | \$292,036 | 335,031   | \$277,304 | 474,994   | 384,735   | 431,746   | 319,177   |              |
| Lime .....          | 6,000     | 11,000    | 16,176    | 7,000     | 7,075     | 6,946     | 21,138    | 16,198    |              |
| Limestone .....     |           |           |           |           |           | 5,775     |           | 15,318    |              |
| Slate .....         | 26,250    | 38,250    | 30,000    |           | 50,000    | 40,000    | 100,000   | 60,000    |              |
| Silver .....        | 25,129    | 5,977     | 52        |           |           | 2,525     | 2,690     | 2,301     |              |
| Unapportioned ..... |           |           |           |           |           |           |           |           | \$251,829    |
| Totals .....        | \$426,420 | \$347,263 | \$381,578 | \$284,304 | \$532,231 | \$467,566 | \$556,574 | \$413,116 | \$3,660,881  |

FRESNO COUNTY.

|                       |           |           |           |           |             |             |             |             |              |
|-----------------------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|--------------|
| Asphalt .....         |           |           |           | \$10,068  | \$6,948     |             |             |             |              |
| Bituminous Rock ..... |           |           |           | 38        |             |             |             |             |              |
| Brick .....           | \$35,062  | \$35,000  | \$45,000  | 68,000    | 32,400      | \$60,000    | \$64,000    | \$51,350    |              |
| Copper .....          |           | 182,648   | 345,000   |           | 319         | 224,640     | 88,000      | 50,000      |              |
| Gold .....            | 22,346    | 21,462    | 54,427    | 21,538    | 7,809       | 40,037      | 8,493       | 2,401       |              |
| Granite .....         |           |           |           | 11,000    |             |             |             | 10,500      |              |
| Magnesite .....       |           |           |           |           | 120         |             |             |             |              |
| Mineral Water .....   | 4,000     | 5,142     | 4,500     | 7,200     | 2,400       |             |             |             |              |
| Petroleum .....       | 547,960   | 263,444   | 199,931   | 730,673   | 1,520,847   | 2,400,300   | 1,974,470   | 3,620,120   |              |
| Silver .....          | 479       |           | 21,200    | 111       | 4           | 9,187       | 83          | 26          |              |
| Unapportioned .....   |           |           |           |           |             |             |             |             | \$268,534    |
| Totals .....          | \$609,847 | \$480,696 | \$670,058 | \$848,628 | \$1,570,847 | \$2,734,164 | \$2,135,046 | \$3,740,397 | \$13,085,217 |



# PRODUCTS BY VALUES—1900-1907.

## HUMBOLDT COUNTY.

| SUBSTANCES.         | 1900.     | 1901.     | 1902.    | 1903.    | 1904.    | 1905.    | 1906.    | 1907.    | Grand Total. |
|---------------------|-----------|-----------|----------|----------|----------|----------|----------|----------|--------------|
| Brick .....         | \$7,100   | \$7,810   | \$17,040 | \$10,445 | \$21,350 | \$7,600  | \$8,690  | \$1,400  | .....        |
| Gold .....          | 109,444   | 98,487    | 60,015   | 38,509   | 62,061   | 45,284   | 48,295   | 40,109   | .....        |
| Mineral Water ..... | 2,000     | 2,000     | .....    | .....    | .....    | .....    | .....    | .....    | .....        |
| Platinum .....      | .....     | .....     | .....    | 362      | 140      | 204      | 555      | 214      | .....        |
| Silver .....        | 283       | 128       | .....    | .....    | .....    | .....    | 240      | .....    | .....        |
| Unapportioned ..... | .....     | .....     | .....    | .....    | .....    | .....    | .....    | .....    | \$20,975     |
| Totals .....        | \$118,827 | \$108,425 | \$79,555 | \$49,316 | \$83,551 | \$53,628 | \$57,780 | \$41,723 | \$613,780    |

## INYO COUNTY.

|                     |           |           |           |           |           |           |          |           |             |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-------------|
| Antimony .....      | \$700     | .....     | .....     | .....     | .....     | .....     | .....    | .....     | .....       |
| Borax .....         | 13,901    | .....     | \$36,394  | \$26,400  | .....     | .....     | .....    | .....     | .....       |
| Copper .....        | .....     | \$1,349   | 126       | 3,098     | \$3,252   | \$23,649  | \$800    | \$1,356   | .....       |
| Gold .....          | 213,655   | 162,406   | 74,397    | 66,045    | 150,474   | 135,959   | 19,449   | 57,241    | .....       |
| Lead .....          | 38,840    | 24,040    | 9,013     | 3,420     | 5,270     | 16,247    | 11,857   | 13,096    | .....       |
| Marble .....        | .....     | .....     | .....     | 20,000    | 3,000     | 17,000    | 4,800    | 4,000     | .....       |
| Salt .....          | .....     | .....     | .....     | 2,400     | 800       | .....     | .....    | .....     | .....       |
| Silver .....        | 113,493   | 56,573    | 14,484    | 18,200    | 7,122     | 29,741    | 13,358   | 44,440    | .....       |
| Soda .....          | 50,000    | 400,000   | 50,000    | .....     | .....     | .....     | .....    | 8,598     | .....       |
| Zinc .....          | .....     | .....     | .....     | .....     | .....     | .....     | .....    | .....     | \$712,332   |
| Unapportioned ..... | .....     | .....     | .....     | .....     | .....     | .....     | .....    | .....     | .....       |
| Totals .....        | \$430,589 | \$668,618 | \$184,414 | \$139,563 | \$169,918 | \$222,596 | \$50,264 | \$128,731 | \$2,707,025 |

# PRODUCTS BY VALUES—1900-1907.

## IMPERIAL COUNTY.

| SUBSTANCES. | 1900. | 1901. | 1902. | 1903. | 1904. | 1905. | 1906. | 1907.    | Grand Total. |
|-------------|-------|-------|-------|-------|-------|-------|-------|----------|--------------|
| Brick ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | \$10,000 | \$10,000     |

## KINGS COUNTY.

|                      |         |         |          |          |          |          |          |         |           |
|----------------------|---------|---------|----------|----------|----------|----------|----------|---------|-----------|
| Brick .....          | \$5,000 | \$5,000 | \$19,000 | \$24,200 | \$23,300 | \$24,000 | \$20,000 | \$8,000 | .....     |
| Fuller's Earth ..... | .....   | .....   | .....    | .....    | .....    | 9,000    | .....    | 1,000   | .....     |
| Unapportioned .....  | .....   | .....   | .....    | .....    | .....    | .....    | .....    | .....   | \$10,500  |
| Totals .....         | \$5,000 | \$5,000 | \$19,000 | \$24,200 | \$23,300 | \$33,000 | \$20,000 | \$9,000 | \$149,000 |

## KERN COUNTY.

|                       |          |           |           |           |           |           |           |           |       |
|-----------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| Antimony .....        | .....    | \$8,350   | .....     | .....     | .....     | .....     | .....     | .....     | ..... |
| Asphalt .....         | \$14,020 | 43,126    | \$101,500 | \$100,787 | \$124,110 | \$105,860 | \$231,360 | \$260,158 | ..... |
| Bituminous Rock ..... | .....    | .....     | .....     | 63        | .....     | .....     | .....     | .....     | ..... |
| Brick .....           | 17,300   | 23,400    | 24,500    | 30,000    | 4,900     | 6,000     | 34,200    | 18,428    | ..... |
| Clay .....            | .....    | .....     | .....     | .....     | .....     | 54        | 752       | .....     | ..... |
| Copper .....          | 750      | 67,606    | 27,112    | 559       | .....     | .....     | .....     | .....     | ..... |
| Fuller's Earth .....  | 3,750    | 19,500    | 19,246    | 4,750     | 9,500     | .....     | .....     | .....     | ..... |
| Gold .....            | \$95,252 | 1,007,059 | 1,165,982 | 1,022,353 | 1,426,523 | 1,160,971 | 806,117   | \$78,798  | ..... |
| Gypsum .....          | .....    | .....     | 8,000     | 8,000     | .....     | 11,000    | .....     | 5,500     | ..... |
| Lime .....            | 51,700   | \$2,700   | \$0,856   | 76,246    | 172,000   | 255,500   | 267,096   | 153,003   | ..... |
| Limestone .....       | .....    | .....     | .....     | .....     | .....     | 44,000    | .....     | 16,819    | ..... |



PRODUCTS BY VALUES—1900-1907.

KERN COUNTY—Continued.

| SUBSTANCES.         | 1900.       | 1901.       | 1902.       | 1903.       | 1904.       | 1905.       | 1906.       | 1907.       | Grand Total. |
|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Petroleum .....     | \$827,348   | \$1,131,616 | \$1,955,585 | \$3,600,230 | \$3,431,408 | \$3,174,966 | \$3,765,200 | \$4,673,867 | .....        |
| Silver .....        | 147,736     | 40,497      | 99,135      | 114,614     | 151,189     | 134,944     | 129,503     | 86,033      | .....        |
| Tungsten .....      |             |             |             |             |             | 18,800      | 183,600     | *           | .....        |
| Unapportioned ..... |             |             |             |             |             |             |             |             | \$385,427    |
| Totals .....        | \$1,867,856 | \$2,423,918 | \$3,481,926 | \$4,957,602 | \$5,319,630 | \$4,912,095 | \$5,417,828 | \$6,092,606 | \$34,858,888 |

LAKE COUNTY.

|                     |           |           |           |           |           |           |           |           |             |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Mineral Water ..... | \$45,400  | \$120,360 | \$126,663 | \$187,621 | \$221,000 | \$219,500 | \$160,000 | \$130,936 | .....       |
| Quicksilver .....   | 127,345   | 211,324   | 161,568   | 106,397   | 109,719   | 51,937    | 38,909    | 30,604    | .....       |
| Unapportioned ..... |           |           |           |           |           |           |           |           | \$28,423    |
| Totals .....        | \$172,745 | \$331,684 | \$288,231 | \$294,018 | \$330,719 | \$271,437 | \$198,909 | \$161,540 | \$2,077,706 |

LASSEN COUNTY.

|                     |          |         |          |          |           |  |  |  |           |
|---------------------|----------|---------|----------|----------|-----------|--|--|--|-----------|
| Gold .....          | \$19,807 | \$5,900 | \$23,410 | \$91,102 | \$116,993 |  |  |  | .....     |
| Silver .....        | 676      | 200     | 244      | 1,203    | 1,515     |  |  |  | .....     |
| Unapportioned ..... |          |         |          |          |           |  |  |  | \$217,194 |
| Totals .....        | \$20,483 | \$6,100 | \$23,654 | \$92,305 | \$118,508 |  |  |  | \$478,244 |

\* In unapportioned. Lassen County in unapportioned since 1904.

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PRODUCTS BY VALUES—1900-1907.

LOS ANGELES COUNTY.

| SUBSTANCES.            | 1900.       | 1901.       | 1902.       | 1903.       | 1904.       | 1905.       | 1906.       | 1907.       | Grand Total. |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Asphalt .....          | \$100,000   | \$152,838   | \$171,904   | \$332,600   | \$307,068   | \$119,430   | \$259,200   | \$353,423   | .....        |
| Brick .....            | 275,925     | 264,825     | 335,670     | 706,334     | 767,827     | 853,810     | 826,831     | 895,272     | .....        |
| Cement .....           |             |             |             | 1,175       |             |             |             |             | .....        |
| Clay .....             | 10,776      | 390         | 890         | 115         | 5,000       | 16,066      | 34,250      | 20,500      | .....        |
| Copper .....           |             |             |             |             |             |             |             | 169         | .....        |
| Glass-Sand .....       |             |             |             | 2,558       | 4,254       |             |             |             | .....        |
| Gold .....             | 5,508       | 10,312      | 7,209       | 8,674       | 12,402      | 15,035      |             |             | .....        |
| Granite .....          |             | 17,500      | 3,500       |             |             |             |             |             | .....        |
| Gypsum .....           | 10,000      | 35,500      |             | 38,441      |             | 43,500      | 69,000      | 50,000      | .....        |
| Infusorial Earth ..... |             |             | 360         |             |             |             | 200         |             | .....        |
| Lead .....             |             |             | 504         |             |             |             |             |             | .....        |
| Lime .....             |             |             |             |             | 10,000      |             | 18,000      | 20,000      | .....        |
| Limestone .....        |             |             |             |             |             |             |             | 5,000       | .....        |
| Macadam .....          | 5,800       | 23,000      | 26,000      | 13,750      | 21,250      | 22,000      |             | 23,625      | .....        |
| Marble .....           |             |             |             |             |             |             |             | 3,000       | .....        |
| Mineral Paint .....    |             |             | 300         |             |             |             |             |             | .....        |
| Mineral Water .....    |             |             |             | 5,500       | 7,084       | 31,250      | 5,128       | 35,100      | .....        |
| Natural Gas .....      |             | 1,500       |             |             |             |             |             |             | .....        |
| Petroleum .....        | 1,722,887   | 1,062,038   | 1,075,868   | 1,294,866   | 1,289,910   | 1,056,188   | 908,800     | 2,633,541   | .....        |
| Rubble .....           | 18,552      | 53,729      | 75,547      | 104,435     | 62,576      | 47,025      | 176,559     | 13,279      | .....        |
| Salt .....             |             | 19,950      | 180         | 20,000      | 24,480      | 20,000      | 36,000      | 36,000      | .....        |
| Sandstone .....        | 3,750       |             |             | 9,734       | 13,145      | 9,950       | 9,540       | 19,076      | .....        |
| Serpentine .....       | 2,000       | 800         |             | 800         | 2,310       |             |             | 3,000       | .....        |
| Silver .....           |             |             |             | 22          | 73          | 100         | 1,694       |             | .....        |
| Soapstone .....        |             | 119         |             | 10,124      | 2,315       |             |             |             | .....        |
| Unapportioned .....    |             |             |             |             |             |             |             |             | \$337,303    |
| Totals .....           | \$2,155,198 | \$1,642,591 | \$1,697,932 | \$2,549,128 | \$2,529,694 | \$2,234,354 | \$2,345,202 | \$4,110,985 | \$19,582,387 |

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PRODUCTS BY VALUES—1900-1907.

| MADERA COUNTY.      |           |           |           |           |           |           |           |           |              |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.         | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
| Brick .....         | \$3,000   | \$3,000   | \$1,840   | \$972     | \$3,750   | .....     | .....     | \$12,500  | .....        |
| Copper .....        | 77,500    | 17,077    | 2,139     | 4,680     | 1,313     | .....     | .....     | 379       | .....        |
| Gold .....          | 104,134   | \$2,749   | 35,128    | 93,070    | 75,303    | \$50,867  | \$22,390  | 13,303    | .....        |
| Granite .....       | 80,000    | 294,799   | 78,041    | 389,820   | 98,083    | 123,106   | 176,416   | 93,372    | .....        |
| Lead .....          | .....     | .....     | .....     | .....     | .....     | 10,014    | .....     | 47        | .....        |
| Macadam .....       | .....     | .....     | .....     | 1,000     | 1,000     | .....     | .....     | .....     | .....        |
| Rubble .....        | .....     | 600       | 4,000     | .....     | 500       | .....     | .....     | .....     | .....        |
| Silver .....        | 3,833     | 2,600     | 3         | 3         | 25        | .....     | 508       | 506       | .....        |
| Unapportioned ..... | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....     | \$65,000     |
| Totals .....        | \$268,467 | \$400,825 | \$121,151 | \$489,525 | \$178,974 | \$183,987 | \$199,314 | \$120,107 | \$2,027,350  |

| MARIN COUNTY.       |           |           |           |           |           |           |           |           |             |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Brick .....         | \$200,000 | \$100,240 | \$97,700  | \$78,095  | \$132,000 | \$163,585 | \$199,300 | \$118,000 | .....       |
| Macadam .....       | .....     | 825       | 2,150     | 900       | .....     | 32,250    | 53,000    | .....     | .....       |
| Rubble .....        | 2,500     | 27,162    | 105,350   | 139,432   | 170,995   | 12,000    | 300       | 134,111   | .....       |
| Salt .....          | .....     | .....     | 1,400     | .....     | .....     | .....     | .....     | .....     | .....       |
| Unapportioned ..... | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....     | \$42,000    |
| Totals .....        | \$202,500 | \$128,227 | \$206,600 | \$218,427 | \$302,995 | \$207,835 | \$252,600 | \$252,111 | \$1,813,295 |

PRODUCTS BY VALUES—1900-1907.

| MARIPOSA COUNTY.    |           |           |           |           |           |           |           |           |              |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.         | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
| Copper .....        | .....     | \$30,180  | \$11,940  | \$6,808   | \$1,466   | \$1,956   | .....     | .....     | .....        |
| Gold .....          | \$157,663 | 504,928   | 631,478   | 542,855   | 429,771   | 386,380   | \$366,394 | \$405,498 | .....        |
| Lead .....          | .....     | 3,080     | .....     | .....     | .....     | .....     | 3,377     | 60        | .....        |
| Platinum .....      | .....     | .....     | .....     | .....     | .....     | 25        | .....     | .....     | .....        |
| Silver .....        | 13,853    | 4,787     | 3,880     | 3,353     | 2,839     | 5,231     | .....     | 4,150     | .....        |
| Unapportioned ..... | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....     | \$8,431      |
| Totals .....        | \$171,516 | \$542,975 | \$647,298 | \$552,516 | \$434,076 | \$393,592 | \$369,771 | \$409,708 | \$3,529,883  |

| MENDOCINO COUNTY.   |         |          |         |          |          |          |          |          |           |
|---------------------|---------|----------|---------|----------|----------|----------|----------|----------|-----------|
| Brick .....         | \$400   | \$2,500  | \$2,000 | \$5,580  | \$3,120  | \$6,470  | \$5,000  | \$4,000  | .....     |
| Gold .....          | .....   | .....    | .....   | .....    | 75       | 40       | 19       | .....    | .....     |
| Mineral Water ..... | 8,048   | 8,220    | 7,898   | 15,000   | 12,000   | 18,000   | 9,800    | 9,800    | .....     |
| Unapportioned ..... | .....   | .....    | .....   | .....    | .....    | .....    | .....    | .....    | \$18,000  |
| Totals .....        | \$8,448 | \$10,720 | \$9,898 | \$20,580 | \$15,195 | \$24,510 | \$14,819 | \$13,800 | \$135,970 |

| MERCED COUNTY.      |       |          |         |       |         |         |         |          |          |
|---------------------|-------|----------|---------|-------|---------|---------|---------|----------|----------|
| Brick .....         | ..... | .....    | .....   | ..... | .....   | \$3,500 | \$6,000 | \$12,500 | .....    |
| Copper .....        | ..... | \$12,453 | \$1,656 | \$780 | \$1,135 | .....   | .....   | 822      | .....    |
| Gold .....          | ..... | .....    | .....   | ..... | .....   | .....   | .....   | 10       | .....    |
| Silver .....        | ..... | .....    | .....   | ..... | .....   | .....   | .....   | .....    | \$18,264 |
| Unapportioned ..... | ..... | .....    | .....   | ..... | .....   | .....   | .....   | .....    | .....    |
| Totals .....        | ..... | \$12,453 | \$1,656 | \$780 | \$1,135 | \$3,500 | \$6,000 | \$13,332 | \$57,120 |



PRODUCTS BY VALUES—1900-1907.

| MONO COUNTY.           |           |           |           |           |           |           |           |           |              |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.            | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
| Copper .....           |           | \$305     |           | \$208     |           |           |           |           |              |
| Gold .....             | \$670,200 | 493,355   | \$510,596 | 334,713   | \$268,930 | \$308,884 | \$338,698 | \$383,971 |              |
| Lime .....             | 4,000     | 3,000     | 2,000     | 5,000     | 850       |           |           |           |              |
| Lead .....             | 2,000     | 1,160     | 154       | 36        |           |           |           |           |              |
| Silver .....           | 75,921    | 25,091    | 36,548    | 20,067    | 2,955     | 11,240    | 13,151    | 29,797    |              |
| Unapportioned .....    |           |           |           |           |           |           |           |           | \$106,736    |
| Totals .....           | \$752,121 | \$522,911 | \$549,298 | \$360,024 | \$272,735 | \$320,124 | \$351,849 | \$413,768 | \$3,649,566  |
| MONTEREY COUNTY.       |           |           |           |           |           |           |           |           |              |
| Asphalt .....          |           |           |           |           | \$1,488   |           |           |           |              |
| Brick .....            | \$1,600   |           |           |           | 1,600     |           |           |           |              |
| Coal .....             |           | \$1,000   |           |           |           |           |           | \$24,000  |              |
| Glass-Sand .....       |           |           | \$12,225  | \$4,967   | 7,272     | \$8,121   | \$1,125   | 8,178     |              |
| Gold .....             |           | 13,800    | 6,860     | 8,920     | 6,941     | 4,000     | 625       | 1,076     |              |
| Infusorial Earth ..... |           |           |           |           |           |           | 400       |           |              |
| Lime .....             |           | 15,750    | 13,200    | 23,400    | 3,240     | 10,000    | 50,000    | 125,000   |              |
| Limestone .....        | 10,800    | 7,500     |           | 9,000     | 21,500    |           |           |           |              |
| Macadam .....          |           | 2,503     | 900       | 2,300     |           |           |           |           |              |
| Mineral Water .....    | 4,000     | 3,250     | 1,750     | 1,250     | 1,000     | 1,000     | 12,000    | 12,000    |              |
| Rubble .....           | 2,775     | 6,366     | 4,300     | 867       |           |           |           |           |              |
| Silver .....           |           |           | 18        |           |           |           |           |           |              |
| Unapportioned .....    |           |           |           |           |           |           | 3         | 9         | \$112,506    |
| Totals .....           | \$19,175  | \$50,169  | \$39,253  | \$51,436  | \$43,041  | \$23,121  | \$64,153  | \$146,263 | \$549,117    |

PRODUCTS BY VALUES—1900-1907.

| NAPA COUNTY.        |             |             |             |             |             |             |             |             |              |
|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| SUBSTANCES.         | 1900.       | 1901.       | 1902.       | 1903.       | 1904.       | 1905.       | 1906.       | 1907.       | Grand Total. |
| Cement .....        |             |             |             | \$435,552   |             |             |             |             |              |
| Limestone .....     |             | \$6,690     | \$8,496     |             |             |             |             |             |              |
| Macadam .....       |             |             |             |             | \$315       |             |             |             |              |
| Magnesite .....     | \$17,400    | 11,622      | 450         | 915         | 78          |             |             |             |              |
| Mineral Water ..... | 72,200      | 109,900     | 97,048      | 124,000     | 104,750     | \$89,500    | \$90,500    | \$103,600   |              |
| Quicksilver .....   | 403,500     | 388,176     | 304,474     | 333,006     | 199,586     | 171,910     | 86,870      | 95,400      |              |
| Rubble .....        |             |             | 500         | 3,375       | 3,704       | 500         | 277         | 3,000       |              |
| Unapportioned ..... |             |             |             |             |             |             |             |             | \$2,639,727  |
| Totals .....        | \$493,100   | \$516,388   | \$410,968   | \$896,848   | \$308,433   | \$261,910   | \$180,147   | \$202,000   | \$5,909,521  |
| NEVADA COUNTY.      |             |             |             |             |             |             |             |             |              |
| Copper .....        | \$20,472    | \$6,235     | \$3,975     | \$585       |             |             |             | \$4,418     |              |
| Gold .....          | 1,812,036   | 2,121,054   | 2,142,740   | 2,458,047   | \$3,130,304 | \$3,179,715 | \$2,658,420 | 2,162,083   |              |
| Granite .....       |             |             | 3,000       | 4,160       | 5,395       | 2,570       | 9,300       | 9,300       |              |
| Silver .....        | 68,841      | 18,122      | 6,124       | 3,252       | 9,555       | 32,523      | 24,219      | 17,505      |              |
| Platinum .....      |             |             |             |             |             | 20          |             |             |              |
| Pyrites .....       | 17,550      | 429         |             |             |             |             |             |             | \$400,000    |
| Unapportioned ..... |             |             |             |             |             |             |             |             |              |
| Totals .....        | \$1,916,899 | \$2,145,840 | \$2,155,839 | \$2,466,044 | \$3,145,254 | \$3,214,828 | \$2,691,939 | \$2,193,306 | \$20,329,949 |



# PRODUCTS BY VALUES—1900-1907.

## ORANGE COUNTY.

| SUBSTANCES.         | 1900.     | 1901.     | 1902.     | 1903.       | 1904.       | 1905.     | 1906.       | 1907.       | Grand Total. |
|---------------------|-----------|-----------|-----------|-------------|-------------|-----------|-------------|-------------|--------------|
| Brick .....         |           |           |           | \$13,000    | \$9,000     | \$11,800  | \$13,500    | \$26,000    | .....        |
| Clay .....          |           |           |           |             |             | 14,581    | 12,900      |             | .....        |
| Coal .....          | \$2,250   | \$1,500   |           |             |             |           |             |             | .....        |
| Copper .....        |           |           |           |             |             |           |             | 193         | .....        |
| Gold .....          | 2,407     | 4,000     | \$250     | 150         |             |           |             |             | .....        |
| Gypsum .....        |           | 250       |           |             |             |           |             |             | .....        |
| Lead .....          |           |           |           |             |             |           |             | 1,303       | .....        |
| Petroleum .....     | 254,397   | 181,591   | \$24,492  | 1,016,285   | 1,144,542   | 711,633   | 1,194,000   | 1,456,050   | .....        |
| Sandstone .....     | 120       |           |           |             | 200         | 250       |             |             | .....        |
| Zinc .....          |           |           |           |             |             |           |             | 2,000       | .....        |
| Unapportioned ..... |           |           |           |             |             |           |             |             | \$72,566     |
| Totals .....        | \$259,174 | \$187,341 | \$824,742 | \$1,029,435 | \$1,153,742 | \$738,264 | \$1,220,400 | \$1,485,546 | \$6,971,210  |

## PLACER COUNTY.

|                     |          |          |          |          |          |          |         |         |       |
|---------------------|----------|----------|----------|----------|----------|----------|---------|---------|-------|
| Asbestos .....      |          |          |          |          |          |          | \$2,500 | \$3,500 | ..... |
| Clay .....          | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$16,100 | \$10,000 | 15,000  | 20,000  | ..... |
| Copper .....        |          | 1,764    | 368      | 520      | 76,500   | 57,291   | 38,600  |         | ..... |
| Gold .....          | 986,155  | 900,745  | \$43,366 | 570,571  | 778,355  | 597,793  | *       | 482,772 | ..... |
| Granite .....       | 95,869   | 89,874   | 105,377  | 181,661  | 110,371  |          | 66,030  | 94,459  | ..... |
| Lime .....          |          |          |          | 9,000    |          | 8,737    | 11,950  | 11,430  | ..... |
| Limestone .....     |          |          |          | 4,000    |          |          |         | 79,768  | ..... |
| Macadam .....       |          |          |          | 3,750    |          |          |         |         | ..... |
| Paving Blocks ..... |          |          | 600      |          |          |          |         |         | ..... |

\* Unapportioned in 1906.

# PRODUCTS BY VALUES—1900-1907.

## PLACER COUNTY—Continued.

| SUBSTANCES.           | 1900.       | 1901.       | 1902.       | 1903.     | 1904.       | 1905.     | 1906.     | 1907.     | Grand Total. |
|-----------------------|-------------|-------------|-------------|-----------|-------------|-----------|-----------|-----------|--------------|
| Platinum .....        |             |             |             | \$280     | \$375       | \$36      | \$12      |           | .....        |
| Quartz Crystals ..... |             |             |             | 1,968     |             |           |           |           | .....        |
| Rubble .....          | \$19,800    | \$12,973    | \$50,435    | 13,119    | 13,077      | 22,779    | 5,100     | \$24,263  | .....        |
| Silver .....          | 12,058      | 4,828       | 3,341       | 1,116     | 9,320       | 8,041     |           | 3,358     | .....        |
| Unapportioned .....   |             |             |             |           |             |           |           |           | \$861,416    |
| Totals .....          | \$1,128,882 | \$1,025,184 | \$1,018,487 | \$800,985 | \$1,004,098 | \$798,644 | \$139,192 | \$719,550 | \$7,496,438  |

## PLUMAS COUNTY.

|                     |           |           |           |           |           |           |           |           |             |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Copper .....        |           |           |           | \$247     |           | \$157     |           |           | .....       |
| Gold .....          | \$365,210 | \$401,284 | \$380,686 | 424,112   | \$270,439 | 283,810   | \$229,350 | \$219,355 | .....       |
| Limestone .....     |           |           |           |           |           |           |           | 5,000     | .....       |
| Manganese .....     | 10        | 40        |           | 25        |           |           | 30        | 25        | .....       |
| Platinum .....      |           |           |           |           |           |           | 25        |           | .....       |
| Silver .....        | 4,159     | 2,508     | 517       | 510       | 464       | 530       | 1,055     | 948       | .....       |
| Unapportioned ..... |           |           |           |           |           |           |           |           | \$75,575    |
| Totals .....        | \$369,379 | \$403,832 | \$381,203 | \$424,894 | \$270,903 | \$284,497 | \$230,460 | \$225,328 | \$2,666,071 |

## RIVERSIDE COUNTY.

|                |         |         |           |           |         |          |          |           |       |
|----------------|---------|---------|-----------|-----------|---------|----------|----------|-----------|-------|
| Asbestos ..... | \$1,250 | \$4,400 |           |           | \$2,400 |          |          |           | ..... |
| Bismuth .....  |         |         |           |           |         | \$69,195 | \$92,140 | \$102,000 | ..... |
| Brick .....    | 28,842  | 89,787  | \$114,165 | \$164,020 | 71,380  |          |          |           | ..... |
| Clay .....     | 18,080  | 16,624  | 18,920    | 65,332    | 49,232  | 67,970   | 59,712   | 174,713   | ..... |



# PRODUCTS BY VALUES—1900-1907.

| RIVERSIDE COUNTY—Continued. |           |           |           |           |           |           |           |           |              |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.                 | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
| Coal .....                  | \$15,000  | \$7,000   | \$3,000   | .....     | .....     | .....     | .....     | \$100     | .....        |
| Copper .....                | .....     | .....     | .....     | .....     | .....     | \$2,500   | \$2,500   | 50        | .....        |
| Gems .....                  | .....     | .....     | .....     | .....     | .....     | 35,690    | 4,432     | 3,836     | .....        |
| Gold .....                  | 149,292   | 109,747   | 47,947    | \$13,453  | \$7,488   | 92,300    | 43,935    | 134,522   | .....        |
| Granite .....               | 57,600    | 51,900    | 37,459    | 48,975    | 195,364   | .....     | .....     | .....     | .....        |
| Gypsum .....                | .....     | 3,000     | 500       | .....     | .....     | .....     | .....     | 1,750     | .....        |
| Lead .....                  | .....     | .....     | .....     | .....     | .....     | .....     | .....     | 6,500     | .....        |
| Lime .....                  | .....     | 18,000    | .....     | 21,250    | 20,000    | 20,000    | 20,000    | .....     | .....        |
| Limestone .....             | .....     | .....     | 17,000    | 8,500     | .....     | .....     | .....     | .....     | .....        |
| Macadam .....               | .....     | .....     | 5,919     | 22,160    | 20,500    | 16,639    | 24,978    | 28,150    | .....        |
| Magnesite .....             | .....     | .....     | .....     | .....     | .....     | .....     | .....     | 1,750     | .....        |
| Marble .....                | .....     | 1,500     | .....     | 1,500     | 2,500     | 2,500     | .....     | 9,000     | .....        |
| Paving Blocks .....         | .....     | .....     | 9,360     | 36,000    | \$6,030   | 36,000    | 24,000    | 55,447    | .....        |
| Rubble .....                | .....     | .....     | 40,258    | 45,123    | 113,412   | 215,229   | 78,725    | 352,933   | .....        |
| Salt .....                  | 8,000     | 12,000    | 20,000    | 20,000    | 15,000    | .....     | .....     | .....     | .....        |
| Sand Quartz .....           | 200       | 500       | .....     | .....     | .....     | .....     | .....     | .....     | .....        |
| Silver .....                | 6,848     | 2,150     | 94        | 136       | 80        | 346       | 251       | 26        | .....        |
| Unapportioned .....         | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....     | \$84,592     |
| Totals .....                | \$285,112 | \$316,608 | \$334,622 | \$446,449 | \$583,386 | \$558,369 | \$350,673 | \$869,197 | \$3,829,008  |
| SACRAMENTO COUNTY.          |           |           |           |           |           |           |           |           |              |
| Brick .....                 | \$53,400  | \$62,180  | \$78,198  | \$120,000 | \$30,000  | \$135,000 | \$108,000 | \$128,624 | .....        |
| Copper .....                | .....     | 316       | .....     | .....     | .....     | .....     | .....     | .....     | .....        |
| Gold .....                  | 176,007   | 229,034   | 425,894   | 335,646   | 419,287   | 668,382   | 986,624   | 790,973   | .....        |
| Granite .....               | 3,139     | 2,882     | 136       | 2,222     | 4,458     | 1,614     | 1,779     | 4,625     | .....        |

# PRODUCTS BY VALUES—1900-1907.

| SACRAMENTO COUNTY—Continued. |           |           |             |           |           |           |             |           |              |
|------------------------------|-----------|-----------|-------------|-----------|-----------|-----------|-------------|-----------|--------------|
| SUBSTANCES.                  | 1900.     | 1901.     | 1902.       | 1903.     | 1904.     | 1905.     | 1906.       | 1907.     | Grand Total. |
| Macadam .....                | \$14,157  | \$6,763   | \$19,064    | \$17,225  | \$21,457  | \$20,326  | \$17,426    | \$9,736   | .....        |
| Natural Gas .....            | 11,750    | .....     | 31,200      | 30,518    | 39,200    | 43,564    | 52,874      | 52,874    | .....        |
| Platinum .....               | .....     | .....     | .....       | .....     | .....     | 700       | 200         | .....     | .....        |
| Rubble .....                 | .....     | 1,163     | 316         | 951       | 246       | 12,060    | 715         | 4,200     | .....        |
| Silver .....                 | 986       | 544       | 330         | 234       | 75        | 206       | 3,640       | 2,034     | .....        |
| Unapportioned .....          | .....     | .....     | .....       | .....     | .....     | .....     | .....       | .....     | \$245,747    |
| Totals .....                 | \$259,439 | \$302,882 | \$555,138   | \$506,796 | \$515,123 | \$881,852 | \$1,171,258 | \$993,066 | \$5,431,301  |
| SAN BERNARDINO COUNTY.       |           |           |             |           |           |           |             |           |              |
| Borax .....                  | \$999,350 | \$898,130 | \$2,198,600 | \$495,000 | *         | .....     | .....       | .....     | .....        |
| Brick .....                  | .....     | 15,000    | 1,800       | 4,000     | \$17,500  | .....     | \$13,500    | \$15,555  | .....        |
| Cement .....                 | 121,000   | 159,842   | 273,600     | 157,000   | *         | .....     | .....       | .....     | .....        |
| Copper .....                 | 297,600   | 7,875     | 41,008      | 7,852     | 17,270    | \$8,206   | 99,207      | 102,856   | .....        |
| Gems .....                   | 20,000    | 20,000    | 11,600      | .....     | .....     | 65,000    | .....       | .....     | .....        |
| Gold .....                   | 247,949   | 399,693   | 394,936     | 381,197   | 595,828   | 473,893   | 354,830     | 158,676   | .....        |
| Granite .....                | 5,600     | 4,630     | .....       | .....     | 250       | 5,330     | 7,173       | 2,948     | .....        |
| Lead .....                   | 400       | 20        | 2,076       | 504       | .....     | .....     | .....       | 1,822     | .....        |
| Lime .....                   | 33,261    | 43,028    | 65,832      | 28,692    | 21,500    | 14,740    | 17,146      | 8,600     | .....        |
| Limestone .....              | 7,067     | 76,710    | 51,578      | 64,613    | 42,575    | 51,395    | 35,990      | 139,188   | .....        |
| Macadam .....                | 15,000    | 3,300     | 6,100       | 71,000    | 7,000     | 9,000     | 1,825       | 375       | .....        |
| Marble .....                 | .....     | .....     | 15,600      | 41,600    | 53,400    | 40,000    | 25,000      | 29,946    | .....        |
| Paving Blocks .....          | 2,500     | 7,400     | 19,000      | 14,650    | 10,000    | 28,000    | 16,000      | 28,125    | .....        |
| Rubble .....                 | 42,657    | 151,447   | 167,300     | 181,311   | 141,686   | 104,867   | 13,478      | 116,494   | .....        |
| Sandstone .....              | .....     | .....     | .....       | .....     | 2,000     | .....     | .....       | .....     | .....        |



# PRODUCTS BY VALUES—1900-1907.

## SAN BERNARDINO COUNTY—Continued.

| SUBSTANCES.         | 1900.       | 1901.       | 1902.       | 1903.       | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
|---------------------|-------------|-------------|-------------|-------------|-----------|-----------|-----------|-----------|--------------|
| Silver .....        | \$172,759   | \$57,164    | \$58,972    | \$59,199    | \$13,025  | \$19,595  | \$33,765  | \$81,339  | .....        |
| Tungsten .....      |             |             |             | 10,000      |           |           |           |           | .....        |
| Turquoise .....     |             |             |             |             |           |           |           |           | .....        |
| Unapportioned ..... |             |             |             |             |           |           |           |           | .....        |
| Totals .....        | \$1,965,143 | \$1,844,239 | \$3,308,002 | \$1,516,618 | \$922,034 | \$820,026 | \$623,414 | \$685,924 | \$14,493,168 |

## SAN BENITO COUNTY.

|                       |           |           |           |           |           |           |           |           |             |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Asphalt .....         |           |           |           |           | \$2,472   |           |           |           | .....       |
| Bituminous Rock ..... |           | \$2,630   |           |           |           |           |           |           | .....       |
| Lime .....            | \$8,800   |           |           |           |           | \$15,000  |           | \$8,453   | .....       |
| Limestone .....       | 100       |           |           |           |           | 32,494    |           |           | .....       |
| Macadam .....         | 13,000    | 10,164    | \$22,000  | \$23,200  | 16,500    | 32,500    | \$23,000  | 48,661    | .....       |
| Mineral Water .....   | 3,750     | 125       | 150       | 400       |           | 500       | 3,120     | 2,600     | .....       |
| Quicksilver .....     | 180,000   | 242,300   | 306,081   | 344,251   | 314,000   | 279,651   | 262,909   | 292,878   | .....       |
| Unapportioned .....   |           |           |           |           |           |           |           |           | \$130,000   |
| Totals .....          | \$205,650 | \$255,219 | \$328,231 | \$367,851 | \$332,972 | \$360,145 | \$289,029 | \$352,592 | \$2,621,689 |

## SAN DIEGO COUNTY.

|              |         |         |         |          |          |          |          |          |       |
|--------------|---------|---------|---------|----------|----------|----------|----------|----------|-------|
| Brick .....  | \$3,261 | \$5,791 | \$3,440 | \$11,150 | \$23,700 | \$28,350 | \$34,900 | \$36,430 | ..... |
| Copper ..... |         |         |         |          |          | 750      | 284,500  | 2,659    | ..... |
| Gems .....   | 500     | 20,000  | 150,000 | 100,000  | 136,000  | 66,000   |          | 206,336  | ..... |

# PRODUCTS BY VALUES—1900-1907.

## SAN DIEGO COUNTY—Continued.

| SUBSTANCES.         | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| Gold .....          | \$335,937 | \$413,320 | \$338,877 | \$461,516 | \$334,697 | \$109,712 |           | \$7,455   | .....        |
| Granite .....       | 9,900     | 22,400    | 13,175    | 16,308    | 7,851     | 10,250    | \$10,250  | 23,650    | .....        |
| Lead .....          |           |           |           |           |           |           |           | 52        | .....        |
| Lithia Mica .....   | 11,000    | 27,500    | 31,880    | 27,300    | 25,000    | 276       |           |           | .....        |
| Marble .....        |           |           |           |           |           |           |           | 12,000    | .....        |
| Mineral Water ..... | 3,250     | 3,000     | 1,289     | 3,000     |           |           |           | 2,000     | .....        |
| Rubble .....        | 14,403    | 6,887     | 14,175    | 42,597    | 200,192   | 16,507    | 49,738    | 28,500    | .....        |
| Salt .....          | 4,000     | 9,620     | 7,900     |           |           |           | 5,000     | 55,000    | .....        |
| Silver .....        | 19,810    | 6,004     | 1,994     | 1,444     | 100       | 10        |           | 35        | .....        |
| Unapportioned ..... |           |           |           |           |           |           |           |           | \$214,634    |
| Totals .....        | \$402,061 | \$514,522 | \$562,730 | \$663,315 | \$727,540 | \$231,945 | \$384,388 | \$374,117 | \$4,075,252  |

## SAN FRANCISCO COUNTY.

|                     |          |           |           |           |           |           |           |           |             |
|---------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Asphalt .....       |          |           |           |           |           |           |           | \$60,000  | .....       |
| Brick .....         |          |           | \$238,800 | \$294,326 | \$367,911 | \$310,685 | \$58,289  | 434,140   | .....       |
| Glass-Sand .....    |          |           |           |           |           |           | 10,500    |           | .....       |
| Macadam .....       | \$1,500  | \$142,500 | 110,000   | 35,450    | 17,500    | 79,675    | 54,250    | 64,988    | .....       |
| Rubble .....        | 56,900   | 14,447    | 46,300    | 473,010   | 314,720   | 65,682    | 52,000    | 32,285    | .....       |
| Unapportioned ..... |          |           |           |           |           |           |           |           | \$30,000    |
| Totals .....        | \$58,400 | \$156,947 | \$395,100 | \$802,786 | \$700,131 | \$456,042 | \$175,039 | \$591,413 | \$3,365,858 |



PRODUCTS BY VALUES—1900-1907.

| SAN JOAQUIN COUNTY.    |          |          |          |          |          |           |           |           |              |
|------------------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.            | 1900.    | 1901.    | 1902.    | 1903.    | 1904.    | 1905.     | 1906.     | 1907.     | Grand Total. |
| Asphalt .....          |          |          | \$2,730  |          |          |           |           |           |              |
| Brick .....            | \$20,000 | \$20,000 |          |          | \$45,000 | \$68,000  | \$49,500  | \$81,000  |              |
| Infusorial Earth ..... |          |          |          | \$90     |          |           |           |           |              |
| Natural Gas .....      | 19,862   | 60,456   | 67,868   | 44,399   | 47,635   | 53,915    | 55,115    | 52,725    |              |
| Rubble .....           |          |          |          |          |          | 25,000    |           |           |              |
| Unapportioned .....    |          |          |          |          |          |           |           |           | \$214,835    |
| Totals .....           | \$39,862 | \$80,456 | \$70,598 | \$44,489 | \$92,635 | \$146,915 | \$104,615 | \$133,723 | \$928,128    |

| SAN LUIS OBISPO COUNTY. |          |           |           |           |           |           |           |           |             |
|-------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Asphalt .....           |          | \$30,000  | \$40,000  |           |           |           |           | \$90,000  |             |
| Bituminous Rock .....   | \$12,905 | 33,070    | 2,327     | \$7,572   |           | \$6,344   | \$6,344   | 8,128     |             |
| Brick .....             | 4,000    | 5,200     | 7,650     | 6,000     |           | 3,200     | 2,400     | 16,000    |             |
| Gold .....              |          | 300       | 2,399     | 1,840     | \$630     | 300       |           | 316       |             |
| Granite .....           |          |           |           | 8,000     | 20,000    | 6,000     | 10,500    |           |             |
| Lime .....              |          |           |           | 100       |           |           |           |           |             |
| Macadam .....           |          |           |           |           |           |           |           | 600       |             |
| Mineral Water .....     |          | 6,000     | 800       |           |           |           |           | 3,000     |             |
| Petroleum .....         |          |           |           |           | 1,000     |           |           | 1,000     |             |
| Quicksilver .....       | 23,886   | 41,513    | 147,215   | 183,530   | 176,616   | 133,748   | 128,152   | 95,743    |             |
| Rubble .....            | 44,835   |           |           | 47,583    | 16,000    | 15,000    |           |           |             |
| Sandstone .....         |          |           |           | 2,791     | 45,000    | 25,000    | 25,000    |           |             |
| Unapportioned .....     |          |           |           |           |           |           |           |           | \$218,205   |
| Totals .....            | \$85,626 | \$116,083 | \$200,391 | \$257,416 | \$259,246 | \$189,592 | \$172,396 | \$231,632 | \$1,730,587 |

PRODUCTS BY VALUES—1900-1907.

| SAN MATEO COUNTY. |          |          |           |           |           |           |           |           |              |
|-------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.       | 1900.    | 1901.    | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
| Asphalt .....     |          | \$255    |           |           |           |           |           |           |              |
| Brick .....       | \$9,000  | 9,070    | \$8,000   | \$77,500  | \$56,436  | \$61,436  | \$67,000  | \$86,285  |              |
| Clay .....        |          |          | 5,625     |           |           |           |           |           |              |
| Macadam .....     | 7,500    | 6,000    | 1,120     |           | 15,666    |           | 36,823    | 2,111     |              |
| Petroleum .....   |          |          |           |           | 6,000     |           |           |           |              |
| Rubble .....      |          |          | 300,000   | 150,000   | 98,200    | 75,000    | 75,000    |           |              |
| Salt .....        |          | 400      | 16,000    | 25,000    | 62,500    | 67,500    | 44,920    | 56,000    |              |
| Totals .....      | \$16,500 | \$15,725 | \$330,745 | \$252,500 | \$238,802 | \$203,936 | \$223,743 | \$144,396 | \$1,426,347  |

| SANTA BARBARA COUNTY.  |           |          |          |          |           |           |           |           |  |
|------------------------|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|--|
| Asphalt .....          | \$105,500 | \$55,800 | \$12,590 | \$41,688 | \$190,000 | \$30,000  | \$250,000 | \$258,549 |  |
| Brick .....            | 40,960    | 9,825    | 12,200   | 46,200   | 8,420     | 34,750    | 1,600     | 14,650    |  |
| Gold .....             |           |          | 200      |          |           | 725       | 250       |           |  |
| Granite .....          | 2,500     |          |          |          |           |           |           |           |  |
| Infusorial Earth ..... |           |          | 2,172    | 15,925   | 112,282   | 15,000    | 13,800    | 28,948    |  |
| Lime .....             |           |          |          | 30,000   |           |           |           |           |  |
| Limestone .....        | 3,602     |          | 25,000   | 40,000   | 12,000    | 7,500     | 16,000    | 30,000    |  |
| Macadam .....          | 162       |          |          |          |           | 9,600     | 272       |           |  |
| Mineral Water .....    | 10,350    | 60,200   | 60,200   | 22,280   | 18,249    | 21,450    | 10,450    | 24,250    |  |
| Natural Gas .....      | 2,966     | 438      | 375      | 320      | 1,500     |           | 500       | 300       |  |
| Petroleum .....        | 165,138   | 113,385  | 181,313  | 149,640  | 445,560   | 1,413,600 | 1,237,250 | 4,166,661 |  |
| Quicksilver .....      |           |          |          |          |           | 2,070     |           | 2,289     |  |
| Rubble .....           | 80,000    | 33,400   |          | 4,395    |           | 48,192    | 9,460     | 4,950     |  |



PRODUCTS BY VALUES—1900-1907.

| SANTA BARBARA COUNTY—Continued. |           |           |           |           |           |             |             |             |              |
|---------------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|--------------|
| SUBSTANCES.                     | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.       | 1906.       | 1907.       | Grand Total. |
| Sandstone .....                 | \$117,260 | \$27,100  | \$21,500  | \$34,240  | \$3,600   | \$18,330    | \$25,230    | \$37,566    | .....        |
| Silver .....                    |           |           |           |           |           |             | 2           |             | .....        |
| Unapportioned .....             |           |           |           |           |           |             |             |             | \$89,254     |
| Totals .....                    | \$528,438 | \$300,148 | \$315,550 | \$384,688 | \$791,611 | \$1,601,217 | \$1,564,814 | \$4,568,163 | \$10,143,883 |
| SANTA CLARA COUNTY.             |           |           |           |           |           |             |             |             |              |
| Asphalt .....                   |           | \$255     |           | \$132     |           |             |             |             | .....        |
| Bituminous Rock .....           |           |           |           | 47        |           |             |             |             | .....        |
| Brick .....                     | \$136,000 | 94,570    | \$178,662 | 188,284   | \$178,581 | \$204,357   | \$183,676   | \$255,424   | .....        |
| Clay .....                      | 6,000     |           |           |           |           | 1,050       | 1,500       |             | .....        |
| Granite .....                   |           |           | 1,200     |           |           |             |             |             | .....        |
| Lime .....                      |           |           |           |           |           |             |             | 3,500       | .....        |
| Limestone .....                 | 6,000     |           |           | 7,000     |           |             | 15,000      | 16,694      | .....        |
| Macadam .....                   |           | 917       |           |           | 12,000    |             |             |             | .....        |
| Magnesite .....                 | 253       | 300       |           |           |           |             |             |             | .....        |
| Mineral Water .....             | 8,060     | 8,500     | 5,500     | 12,500    | 12,500    | 1,200       | 1,250       | 2,187       | .....        |
| Petroleum .....                 |           |           |           | 3,966     | 13,860    | 14,555      | 2,800       | 5,525       | .....        |
| Quicksilver .....               | 241,073   | 236,608   | 254,260   | 233,130   | 148,103   | 95,968      | 94,608      | 96,086      | .....        |
| Rubble .....                    |           |           |           | 100       |           | 3,000       |             |             | .....        |
| Sandstone .....                 | 100,000   | 80,000    | 31,500    | 225,000   |           | 150,000     |             |             | .....        |
| Unapportioned .....             |           |           |           |           |           |             |             |             | \$82,254     |
| Totals .....                    | \$497,386 | \$421,150 | \$471,122 | \$670,159 | \$365,044 | \$470,130   | \$298,834   | \$379,416   | \$3,655,495  |

PRODUCTS BY VALUES—1900-1907.

| SANTA CRUZ COUNTY.    |             |             |             |             |             |             |             |             |              |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| SUBSTANCES.           | 1900.       | 1901.       | 1902.       | 1903.       | 1904.       | 1905.       | 1906.       | 1907.       | Grand Total. |
| Asphalt .....         |             |             | \$1,060     |             |             |             |             |             | .....        |
| Bituminous Rock ..... | \$58,590    | \$30,654    | 41,084      | \$45,190    |             | \$12,500    | \$38,860    | \$64,707    | .....        |
| Clay .....            |             | 30          |             |             |             |             |             |             | .....        |
| Granite .....         |             |             |             | 140         |             |             |             |             | .....        |
| Lime .....            | 131,288     | 161,500     | 161,302     | 185,442     | \$306,775   | 199,974     | 347,490     | 241,179     | .....        |
| Limestone .....       | 1,213       | 3,595       | 1,850       | 2,725       |             | 52,125      | 55,242      | 6,000       | .....        |
| Macadam .....         |             |             |             | 20,750      | 1,750       | 1,750       | 3,500       | 14,800      | .....        |
| Rubble .....          |             |             |             |             | 1,175       |             |             |             | .....        |
| Unapportioned .....   |             |             |             |             |             |             |             |             | \$217,251    |
| Totals .....          | \$191,091   | \$195,779   | \$205,296   | \$254,247   | \$309,700   | \$296,349   | \$445,092   | \$326,686   | \$2,441,491  |
| SHASTA COUNTY.        |             |             |             |             |             |             |             |             |              |
| Brick .....           | \$12,000    | \$12,000    | \$12,250    | \$17,500    | \$15,000    | \$14,000    | \$22,000    | \$33,000    | .....        |
| Chrome .....          | 1,400       | 1,950       | 4,275       | 2,250       | 1,470       | 300         | 1,200       | 5,200       | .....        |
| Copper .....          | 4,166,735   | 4,881,048   | 2,496,731   | 2,171,497   | 3,439,974   | 1,688,614   | 4,338,121   | 5,568,873   | .....        |
| Gold .....            | 733,467     | 927,975     | 878,706     | 771,242     | 1,031,429   | 684,952     | 819,144     | 791,997     | .....        |
| Granite .....         |             | 2,000       |             |             |             |             |             | 400         | .....        |
| Iron Ore .....        |             |             |             |             |             |             |             | 31,900      | .....        |
| Lime .....            | 17,850      | 12,960      | 12,500      | 10,800      | 10,500      | 8,000       | 8,040       | 30,761      | .....        |
| Limestone .....       | 1,150       |             | 3,600       | 5,400       |             | 3,600       | 32,960      |             | .....        |
| Macadam .....         |             |             |             | 1,500       |             |             |             | 5,500       | .....        |
| Mineral Water .....   |             |             |             | 12,000      |             |             |             | 89,895      | .....        |
| Pyrites .....         | 5,784       | 7,644       | 7,005       | 5,500       |             |             |             | 197,364     | .....        |
| Silver .....          | 635,640     | 891,994     | 306,887     | 203,991     | 399,660     | 167,548     | 434,483     | 370,211     | .....        |
| Totals .....          | \$5,574,026 | \$6,737,571 | \$3,730,049 | \$3,201,680 | \$4,898,033 | \$2,579,014 | \$5,745,843 | \$7,084,706 | \$39,550,922 |



PRODUCTS BY VALUES—1900-1907.

| SIERRA COUNTY.      |             |             |             |           |           |           |           |           |              |
|---------------------|-------------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.         | 1900.       | 1901.       | 1902.       | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
| Gold .....          | \$659,696   | \$575,427   | \$326,155   | \$310,770 | \$374,763 | \$517,303 | \$409,366 | \$483,904 | .....        |
| Mineral Water ..... | .....       | .....       | 6,000       | .....     | .....     | .....     | .....     | 12,000    | .....        |
| Silver .....        | 3,463       | 755         | 311         | 476       | 1,222     | 3,687     | 2,518     | 2,621     | .....        |
| Totals .....        | \$663,159   | \$576,182   | \$332,466   | \$311,246 | \$375,985 | \$520,990 | \$411,884 | \$498,525 | \$3,690,437  |
| SISKIYOU COUNTY.    |             |             |             |           |           |           |           |           |              |
| Copper .....        | .....       | .....       | \$23        | .....     | .....     | .....     | .....     | .....     | .....        |
| Gold .....          | \$951,397   | \$886,043   | 906,989     | \$613,576 | \$892,685 | \$803,035 | .....     | \$39      | .....        |
| Lead .....          | .....       | .....       | .....       | .....     | .....     | .....     | .....     | 398,017   | .....        |
| Lime .....          | .....       | .....       | .....       | .....     | .....     | .....     | .....     | 140       | .....        |
| Limestone .....     | .....       | .....       | .....       | .....     | .....     | .....     | .....     | 1,000     | .....        |
| Mineral Water ..... | 45,000      | 175,000     | 187,500     | 50,000    | 50,000    | .....     | .....     | 300       | .....        |
| Platinum .....      | .....       | .....       | .....       | .....     | .....     | .....     | .....     | 36,250    | .....        |
| Rubble .....        | .....       | .....       | .....       | .....     | 21        | 93        | .....     | .....     | .....        |
| Sandstone .....     | .....       | .....       | .....       | .....     | .....     | .....     | .....     | 39,000    | .....        |
| Silver .....        | 13,986      | 6,408       | 233         | 22        | 1,230     | 1,250     | \$1,500   | 12,897    | .....        |
| Unapportioned ..... | .....       | .....       | .....       | .....     | .....     | 2,499     | .....     | 3,037     | .....        |
| Totals .....        | \$1,010,383 | \$1,067,451 | \$1,094,745 | \$663,598 | \$943,936 | \$806,877 | \$1,500   | \$490,680 | \$7,281,902  |

PRODUCTS BY VALUES—1900-1907.

| SOLANO COUNTY.      |          |          |           |           |          |           |           |           |              |
|---------------------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.         | 1900.    | 1901.    | 1902.     | 1903.     | 1904.    | 1905.     | 1906.     | 1907.     | Grand Total. |
| Brick .....         | .....    | .....    | .....     | .....     | .....    | .....     | .....     | \$25,000  | .....        |
| Cement .....        | .....    | .....    | \$150,000 | \$375,000 | .....    | .....     | .....     | .....     | .....        |
| Granite .....       | .....    | .....    | .....     | 49        | .....    | .....     | .....     | .....     | .....        |
| Lime .....          | \$200    | \$1,000  | .....     | .....     | .....    | \$100,000 | .....     | .....     | .....        |
| Limestone .....     | 1,600    | 4,950    | .....     | .....     | .....    | 75,011    | \$135,077 | 191,231   | .....        |
| Macadam .....       | 17,900   | 1,200    | 13,000    | 17,725    | \$10,273 | 4,000     | 4,000     | 4,000     | .....        |
| Mineral Water ..... | 4,000    | 4,450    | 4,000     | 4,000     | .....    | .....     | .....     | .....     | 6,584        |
| Natural Gas .....   | .....    | .....    | .....     | .....     | 525      | 3,562     | 4,988     | 2,978     | .....        |
| Paving Blocks ..... | 1,000    | 1,000    | 1,250     | 3,500     | 15,080   | 18,518    | 19,272    | 24,422    | .....        |
| Quicksilver .....   | .....    | .....    | 1,890     | 4,100     | .....    | .....     | 3,422     | 7,937     | .....        |
| Rubble .....        | .....    | .....    | .....     | 240       | 315      | .....     | .....     | 600       | .....        |
| Salt .....          | .....    | .....    | .....     | .....     | .....    | .....     | .....     | .....     | \$4,035,519  |
| Unapportioned ..... | .....    | .....    | .....     | .....     | .....    | .....     | .....     | .....     | .....        |
| Totals .....        | \$24,700 | \$12,600 | \$170,140 | \$404,614 | \$30,193 | \$201,091 | \$166,759 | \$262,752 | \$5,308,368  |
| SONOMA COUNTY.      |          |          |           |           |          |           |           |           |              |
| Brick .....         | \$2,360  | \$1,200  | \$1,200   | \$1,440   | \$1,750  | \$4,000   | \$115,000 | \$133,479 | .....        |
| Clay .....          | .....    | .....    | .....     | .....     | .....    | .....     | 300       | 10,700    | .....        |
| Gems .....          | .....    | .....    | .....     | .....     | .....    | .....     | .....     | 50        | .....        |
| Granite .....       | .....    | 9,800    | 9,351     | .....     | .....    | .....     | .....     | 2,600     | .....        |
| Graphite .....      | .....    | 4,480    | 1,680     | .....     | 2,250    | .....     | .....     | 20,149    | .....        |
| Lime .....          | .....    | .....    | .....     | 9,864     | 10,350   | 140,545   | 29,774    | .....     | .....        |
| Macadam .....       | .....    | 10,226   | 30,000    | .....     | .....    | .....     | .....     | .....     | .....        |



PRODUCTS BY VALUES—1900-1907.

| SONOMA COUNTY—Continued. |           |           |           |           |           |           |           |           |              |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.              | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
| Magnesite .....          |           | \$1,225   | \$455     |           |           |           |           | \$1,250   |              |
| Mineral Paint .....      |           |           | 105       | \$320     |           |           |           |           |              |
| Mineral Water .....      | \$35,000  | 17,691    | 9,100     | 4,000     | \$4,400   | \$4,000   | \$4,000   | 4,200     |              |
| Paving Blocks .....      | 20,275    | 32,675    | 82,227    | 80,492    | 65,197    | 66,785    | 128,444   | 112,797   |              |
| Quicksilver .....        | 99,500    | 95,850    | 64,685    | 98,676    | 102,829   | 97,041    | 75,555    | 21,369    |              |
| Rubble .....             |           |           |           | 577       | 400       | 6,500     |           |           |              |
| Unapportioned .....      |           |           |           |           |           |           |           |           | \$15,000     |
| Totals .....             | \$157,135 | \$173,174 | \$198,803 | \$195,369 | \$187,176 | \$318,871 | \$353,073 | \$306,594 | \$1,905,195  |
| STANISLAUS COUNTY.       |           |           |           |           |           |           |           |           |              |
| Copper .....             |           | \$12,494  | \$18,676  | \$15,080  | \$931     |           |           |           |              |
| Gold .....               | \$21,212  | 15,700    |           | 52,869    | 50,000    | \$50,000  |           | \$3,364   |              |
| Mineral Paint .....      | 193       | 375       | 350       | 2,400     | 1,600     | 2,125     | \$1,720   | 1,720     |              |
| Platinum .....           |           |           |           |           | 20        |           |           |           |              |
| Silver .....             |           |           |           | 256       | 265       | 240       |           | 28        |              |
| Unapportioned .....      |           |           |           |           |           |           |           |           | \$82,317     |
| Totals .....             | \$21,405  | \$29,169  | \$19,026  | \$70,605  | \$52,816  | \$52,365  | \$1,720   | \$5,112   | \$334,535    |
| TEHAMA COUNTY.           |           |           |           |           |           |           |           |           |              |
| Brick .....              | \$2,200   | \$2,000   | \$3,500   | \$4,500   | \$3,500   | \$5,000   | \$5,600   | \$3,200   |              |
| Mineral Water .....      |           | 4,000     |           | 2,500     |           | 4,000     | 4,000     | 55,000    |              |
| Totals .....             | \$2,200   | \$6,000   | \$3,500   | \$7,000   | \$3,500   | \$9,000   | \$9,600   | \$58,200  | \$99,000     |

PRODUCTS BY VALUES—1900-1907.

| TRINITY COUNTY.     |           |           |           |           |           |           |           |           |              |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| SUBSTANCES.         | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.     | Grand Total. |
| Copper .....        |           | \$761     |           |           |           |           |           |           |              |
| Gold .....          | \$571,605 | 684,683   | \$719,992 | \$607,728 | \$574,814 | \$690,844 | \$560,843 | \$535,316 |              |
| Granite .....       | 4,535     | 5,500     |           | 75        |           |           |           | *         |              |
| Platinum .....      |           |           | 468       | 200       | 275       | 450       | 130       |           |              |
| Quicksilver .....   | 105,982   | 58,668    | 10,251    | 11,156    | 3,864     | 13,917    | 6,059     | 3,739     |              |
| Silver .....        | 16,567    | 2,668     | 550       | 2,085     | 135       | 3,044     | 2,981     | 2,399     |              |
| Unapportioned ..... |           |           |           |           |           |           |           |           | \$110,975    |
| Totals .....        | \$698,689 | \$752,280 | \$731,261 | \$621,244 | \$579,088 | \$708,255 | \$570,013 | \$541,454 | \$5,313,259  |
| TULARE COUNTY.      |           |           |           |           |           |           |           |           |              |
| Brick .....         | \$6,100   | \$8,600   | \$27,000  | \$9,500   | \$10,000  | \$16,000  | \$12,000  | \$20,000  |              |
| Gems .....          |           |           | 500       | 500       |           | 5,000     | 209,790   |           |              |
| Gold .....          | 10,445    | 14,616    | 11,648    | 9,215     | 1,100     | 2,300     | 20        |           |              |
| Granite .....       | 3,000     | 18,000    | 4,000     | 2,260     | 16,000    | 9,000     | 9,000     |           |              |
| Gypsum .....        | 88        |           |           |           | 9,100     |           |           | 2,200     |              |
| Magnesite .....     | 1,500     | 28,210    | 19,250    | 19,600    |           |           |           | 21,420    |              |
| Rubble .....        |           |           |           | 100       |           |           |           |           |              |
| Silver .....        | 433       | 100       |           |           |           | 13        |           |           | \$50,108     |
| Unapportioned ..... |           |           |           |           |           |           |           |           |              |
| Totals .....        | \$21,566  | \$69,526  | \$62,398  | \$41,175  | \$36,200  | \$32,313  | \$230,810 | \$69,826  | \$613,922    |



PRODUCTS BY VALUES—1900-1907.

| TUOLUMNE COUNTY.  |             |             |             |             |             |             |             |           |              |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|--------------|
| SUBSTANCES.       | 1900.       | 1901.       | 1902.       | 1903.       | 1904.       | 1905.       | 1906.       | 1907.     | Grand Total. |
| Chrome .....      |             |             |             |             |             |             | \$1,379     |           |              |
| Copper .....      |             |             | \$17,920    |             |             |             |             |           |              |
| Gold .....        | \$1,596,891 | \$1,670,368 | 1,791,829   | \$1,732,572 | \$1,563,907 | \$1,291,726 | 1,039,675   | \$806,876 |              |
| Granite .....     |             |             |             | 14,020      | 9,700       | 9,700       | 9,700       |           |              |
| Lead .....        |             | 16          |             |             |             |             |             |           |              |
| Lime .....        |             |             |             | 1,600       |             | 1,000       | 1,000       | 125,000   |              |
| Marble .....      |             |             | 14,000      | 28,875      | 28,750      | 66,000      | 46,000      | 60,120    |              |
| Silver .....      | 62,367      | 39,787      | 6,580       | 13,989      | 12,963      | 21,348      | 8,476       | 6,453     |              |
| Totals .....      | \$1,659,258 | \$1,710,171 | \$1,830,329 | \$1,791,056 | \$1,615,320 | \$1,389,774 | \$1,106,230 | \$998,449 | \$12,100,587 |
| VENTURA COUNTY.   |             |             |             |             |             |             |             |           |              |
| Asphalt .....     | \$31,670    | \$30,945    | \$370       | \$13,368    | \$38,028    | \$30,000    | \$37,000    |           |              |
| Borax .....       |             | 60,000      |             | 140,000     |             |             |             |           |              |
| Brick .....       | 1,700       |             |             | 12,900      |             | 10,400      | 11,650      | \$12,800  |              |
| Clay .....        |             |             |             |             |             | 45          |             |           |              |
| Gold .....        | 2,562       | 4,183       | 2,012       | 1,087       | 2,700       | 1,200       |             |           |              |
| Granite .....     | 28,629      |             |             |             |             |             |             |           |              |
| Macadam .....     |             |             |             | 2,100       |             |             |             |           |              |
| Mica .....        |             |             | 2,500       | 3,800       | 3,000       |             |             |           |              |
| Natural Gas ..... |             |             |             |             | 2,700       | 5,000       | 1,000       | 2,278     |              |
| Petroleum .....   | 398,700     | 236,028     | 455,000     | 517,611     | 465,682     | 236,578     | 155,500     | 211,334   |              |

PRODUCTS BY VALUES—1900-1907.

| VENTURA COUNTY—Continued. |           |           |           |           |           |           |           |             |              |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|--------------|
| SUBSTANCES.               | 1900.     | 1901.     | 1902.     | 1903.     | 1904.     | 1905.     | 1906.     | 1907.       | Grand Total. |
| Rubble .....              | \$6,550   | \$16,764  | \$22,500  | \$23,000  | \$31,227  | \$60,490  |           | \$20,880    |              |
| Sandstone .....           | 6,250     | 2,650     | 1,600     | 900       | 3,500     | 1,380     | \$792     |             |              |
| Silver .....              |           |           | 4         |           |           |           |           |             | \$798,853    |
| Unapportioned .....       |           |           |           |           |           |           |           |             |              |
| Totals .....              | \$476,161 | \$350,570 | \$483,986 | \$714,766 | \$546,837 | \$345,093 | \$205,492 | \$247,292   | \$4,169,050  |
| YOLO COUNTY.              |           |           |           |           |           |           |           |             |              |
| Sandstone .....           | \$1,760   | \$2,300   | \$450     | \$144     | \$720     | \$200     | \$204     | \$350       | \$6,128      |
| YUBA COUNTY.              |           |           |           |           |           |           |           |             |              |
| Brick .....               |           |           |           |           | \$3,000   |           |           |             |              |
| Clay .....                |           |           |           |           | 750       | \$80      |           |             |              |
| Gold .....                | \$280,366 | \$188,908 | \$155,630 | \$125,830 | 139,528   | 324,135   | \$800     | \$1,766,770 |              |
| Mineral Water .....       |           |           |           |           |           | 800       |           | 720         |              |
| Silver .....              | 4,625     | 846       | 2         | 41        |           | 369       |           | 6,187       |              |
| Unapportioned .....       |           |           |           |           |           |           |           |             | \$565,004    |
| Totals .....              | \$284,631 | \$189,754 | \$155,632 | \$125,871 | \$143,278 | \$325,384 | \$800     | \$1,773,677 | \$3,564,031  |



# SUMMARY BY COUNTIES—VALUE OF MINERAL PRODUCTS, 1900-1907.\*

|                   |            |                      |             |                    |               |
|-------------------|------------|----------------------|-------------|--------------------|---------------|
| Alpine .....      | \$55,735   | Marin .....          | \$1,813,295 | San Mateo.....     | \$1,426,347   |
| Alameda .....     | 6,404,627  | Mariposa .....       | 3,529,883   | Santa Barbara..... | 10,143,883    |
| Amador .....      | 16,001,717 | Mendocino .....      | 135,970     | Santa Clara.....   | 3,655,495     |
| Butte .....       | 14,385,761 | Merced .....         | 57,120      | Santa Cruz.....    | 2,441,491     |
| Calaveras .....   | 18,116,670 | Mono .....           | 3,649,566   | Shasta .....       | 39,550,922    |
| Colusa .....      | 1,722,368  | Monterey .....       | 549,117     | Sierra .....       | 3,690,437     |
| Contra Costa..... | 1,832,025  | Napa .....           | 5,909,521   | Siskiyou .....     | 7,281,902     |
| Del Norte.....    | 71,616     | Nevada .....         | 20,329,949  | Solano .....       | 5,308,368     |
| El Dorado.....    | 3,660,881  | Orange .....         | 6,971,210   | Sonoma .....       | 1,905,195     |
| Fresno .....      | 13,085,217 | Placer .....         | 7,496,438   | Stanislaus .....   | 334,535       |
| Humboldt .....    | 613,780    | Plumas .....         | 2,666,071   | Tehama .....       | 99,000        |
| Imperial† .....   | 10,000     | Riverside .....      | 3,829,008   | Trinity .....      | 5,313,259     |
| Inyo .....        | 2,707,025  | Sacramento .....     | 5,431,301   | Tulare .....       | 613,922       |
| Kern .....        | 34,858,888 | San Benito.....      | 2,621,689   | Tuolumne .....     | 12,100,587    |
| Kings .....       | 149,000    | San Bernardino.....  | 14,493,168  | Ventura .....      | 4,169,050     |
| Lake .....        | 2,077,706  | San Diego .....      | 4,075,252   | Yolo .....         | 6,128         |
| Lassen .....      | 478,244    | San Francisco.....   | 3,365,858   | Yuba .....         | 3,564,031     |
| Los Angeles.....  | 19,582,387 | San Joaquin.....     | 928,128     |                    |               |
| Madera .....      | 2,027,350  | San Luis Obispo..... | 1,730,587   |                    |               |
|                   |            |                      |             | Total.....         | \$329,128,680 |

\* Including amounts heretofore unapportioned for period.

† Imperial County begins mineral production in 1907.

RELIEF MAP OF

# CALIFORNIA

BY

N. F. DRAKE

Department of Geology,  
Stanford University.

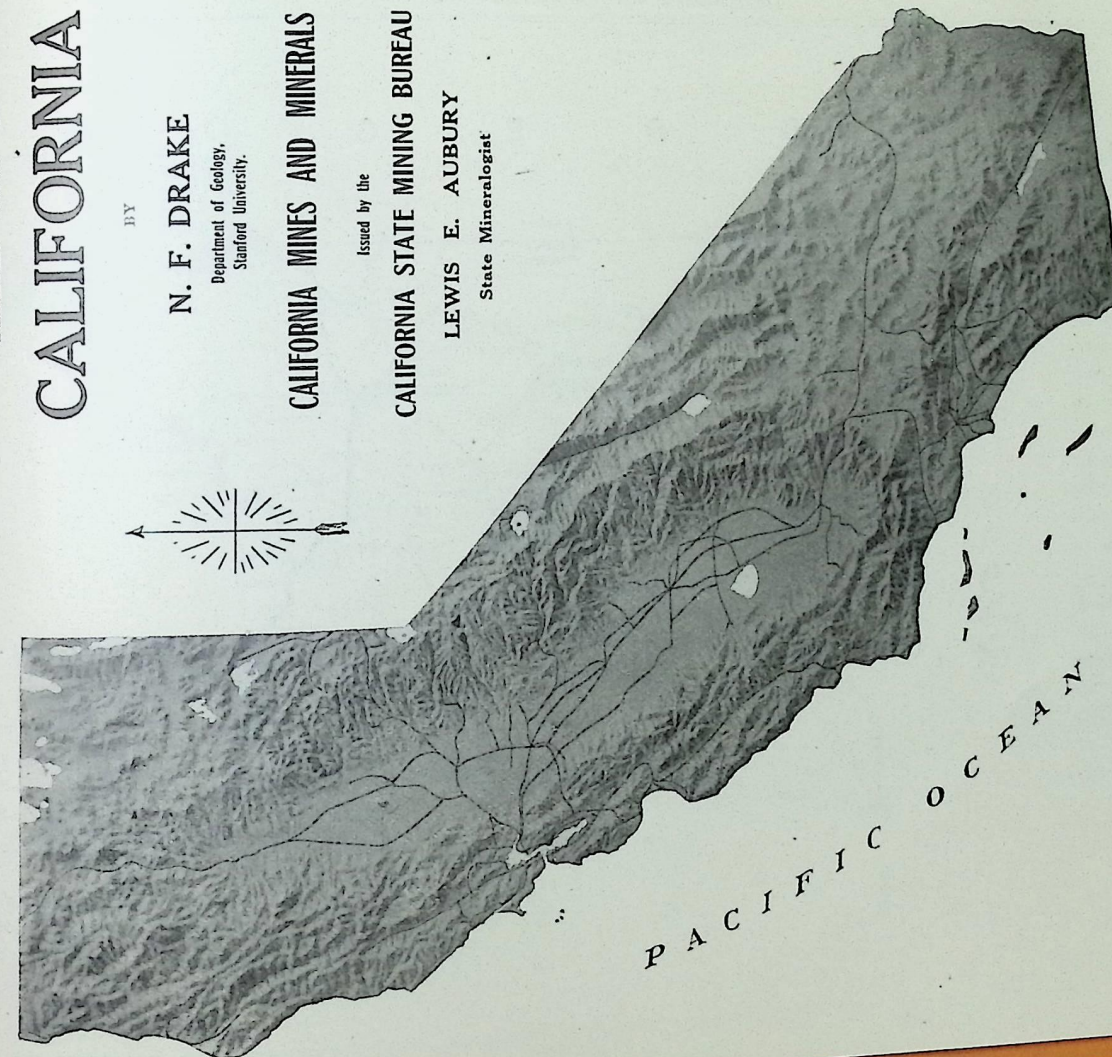
CALIFORNIA MINES AND MINERALS

Issued by the

CALIFORNIA STATE MINING BUREAU

LEWIS E. AUBURY

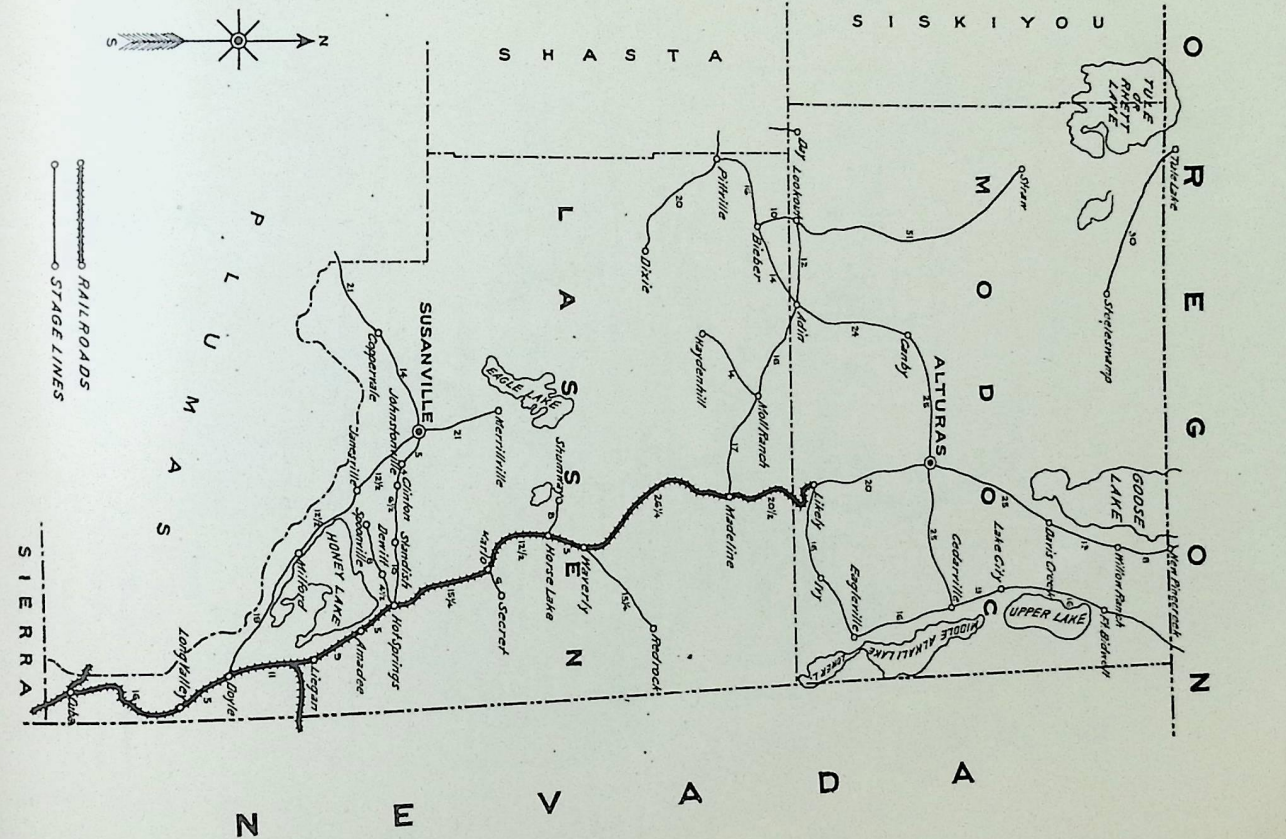
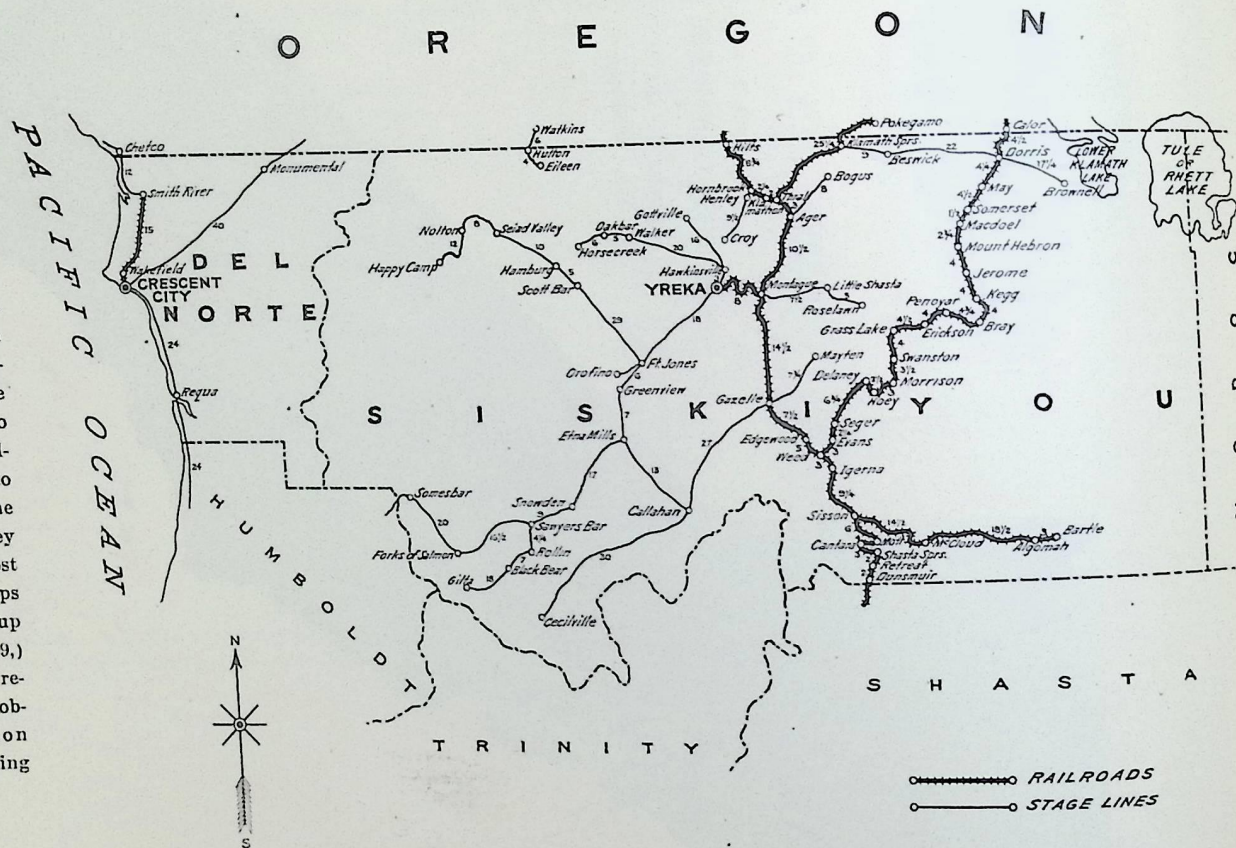
State Mineralogist





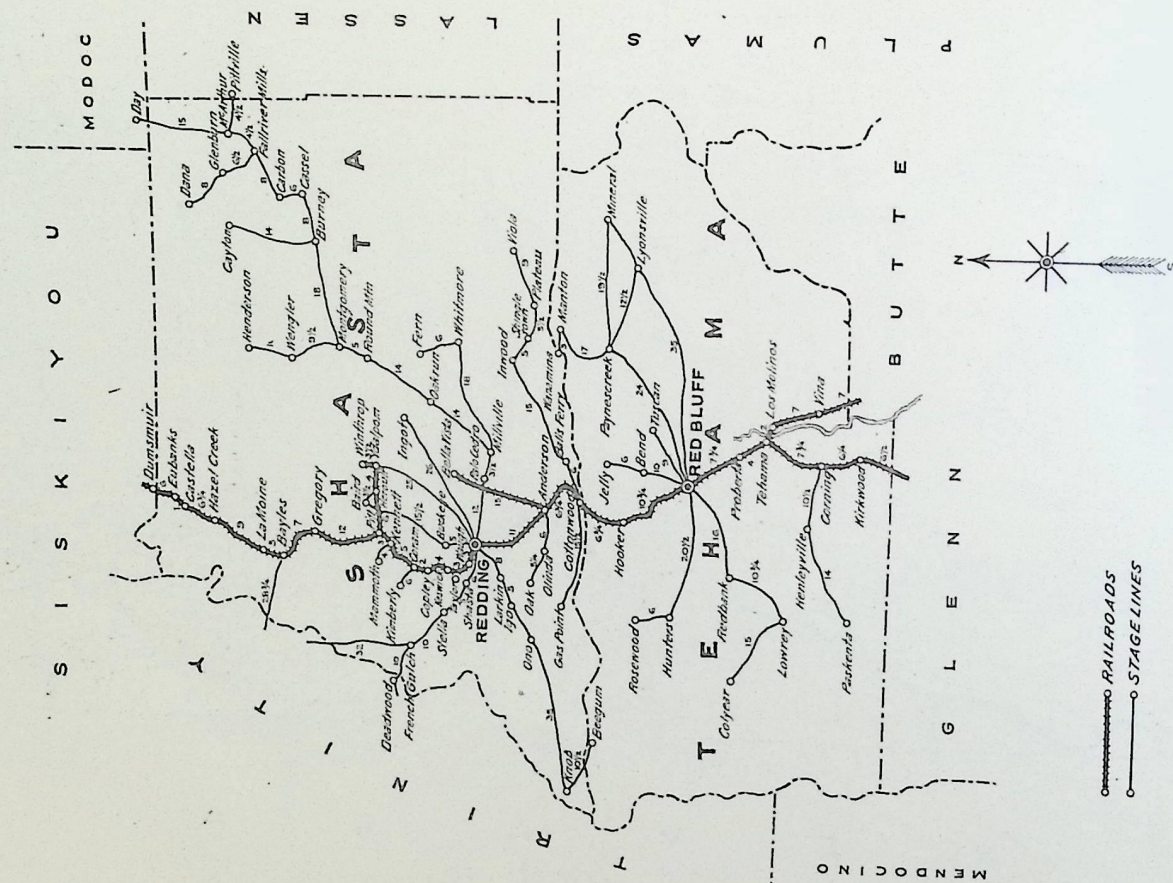
# The County Maps.

The county maps in this pamphlet show all towns, post offices, railroads, stage lines carrying passengers, mail and express, and distances between points, forming a useful and handy guide especially to all who wish to leave the railroad and penetrate to the interior of the mining districts. They also show all post routes. These maps have been brought up to date (Jan. 1, 1909,) and must not be reproduced without obtaining permission from the State Mining Bureau.

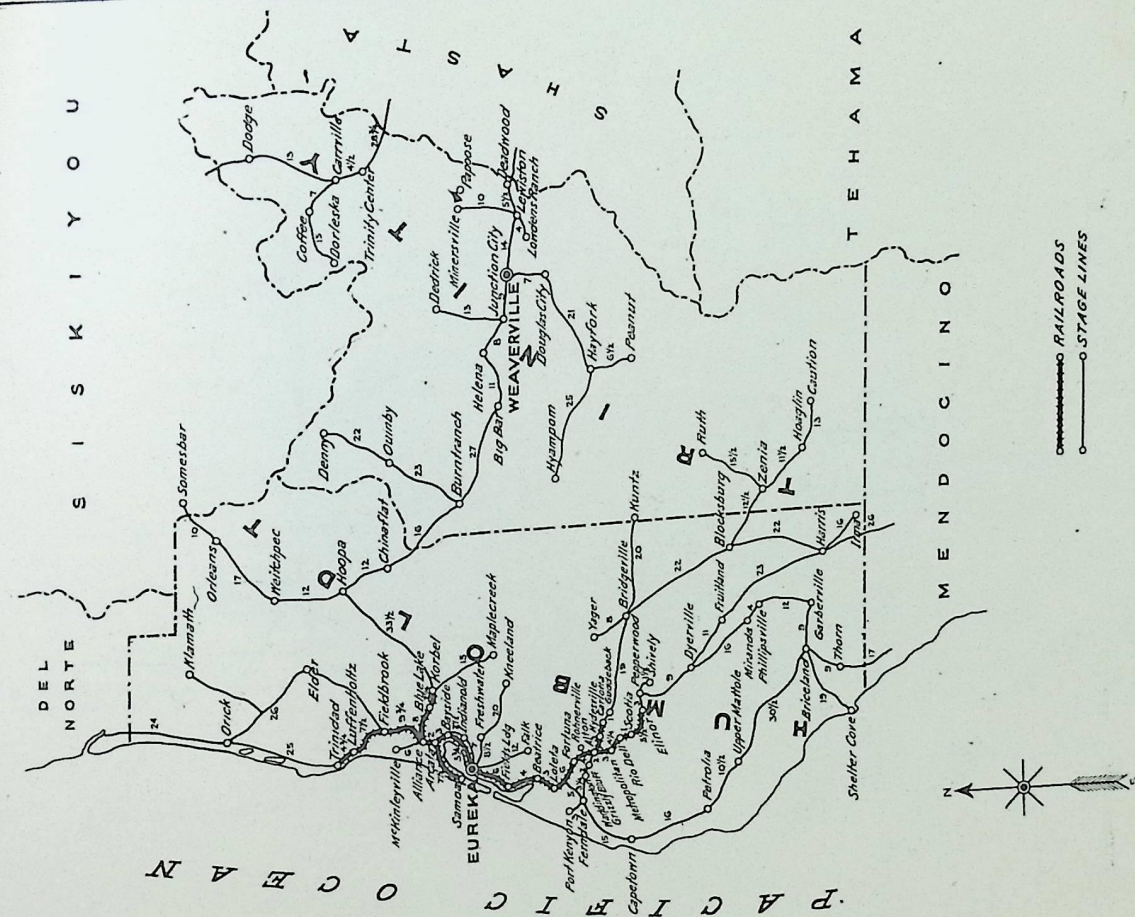




## SHASTA AND TEHAMA COUNTIES.

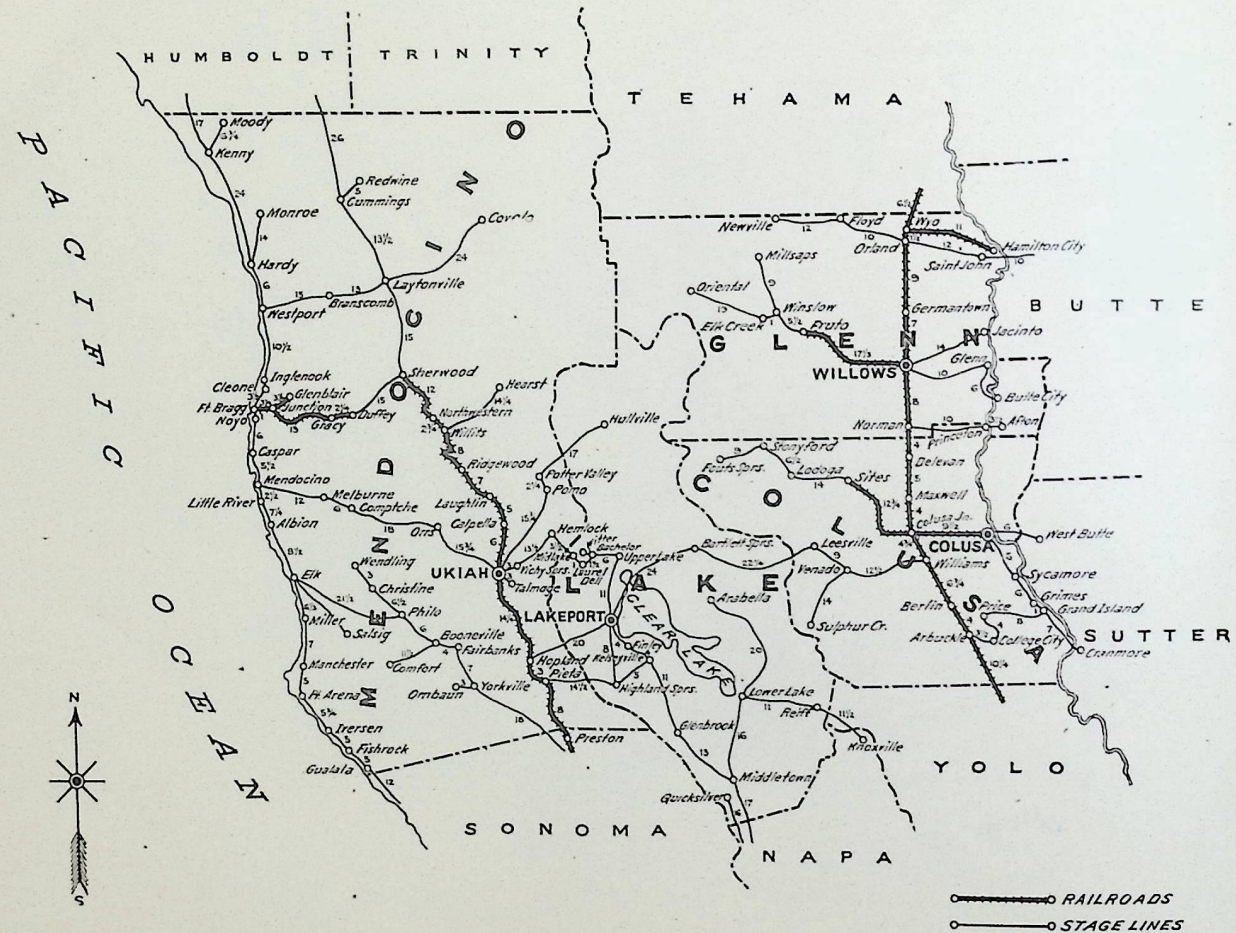


## HUMBOLDT AND TRINITY COUNTIES.

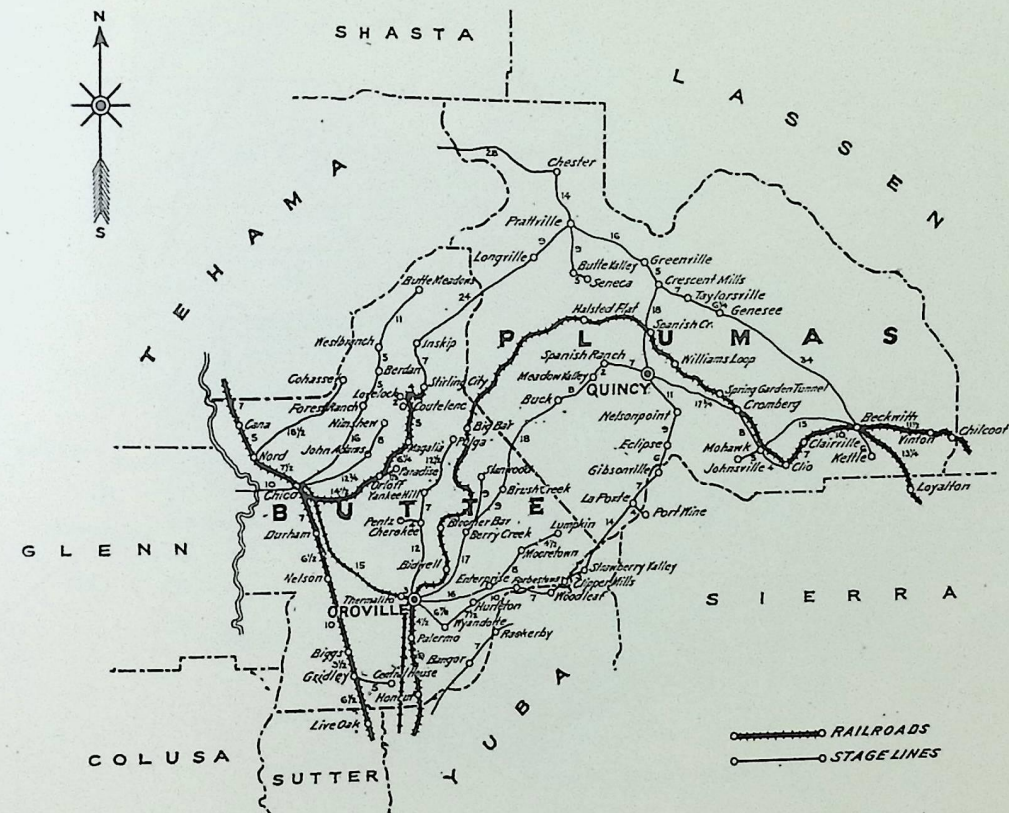




MENDOCINO, GLENN, LAKE, AND COLUSA COUNTIES.

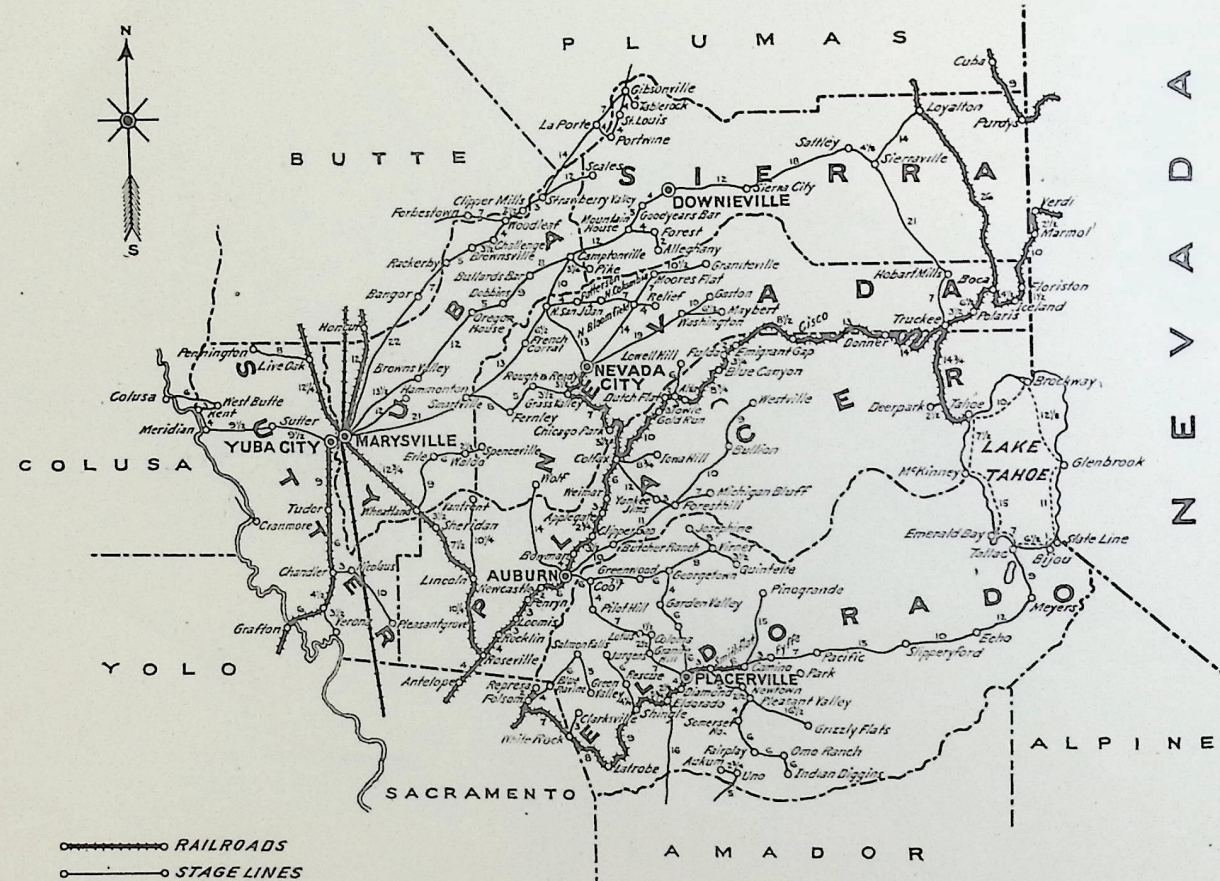


BUTTE AND PLUMAS COUNTIES.

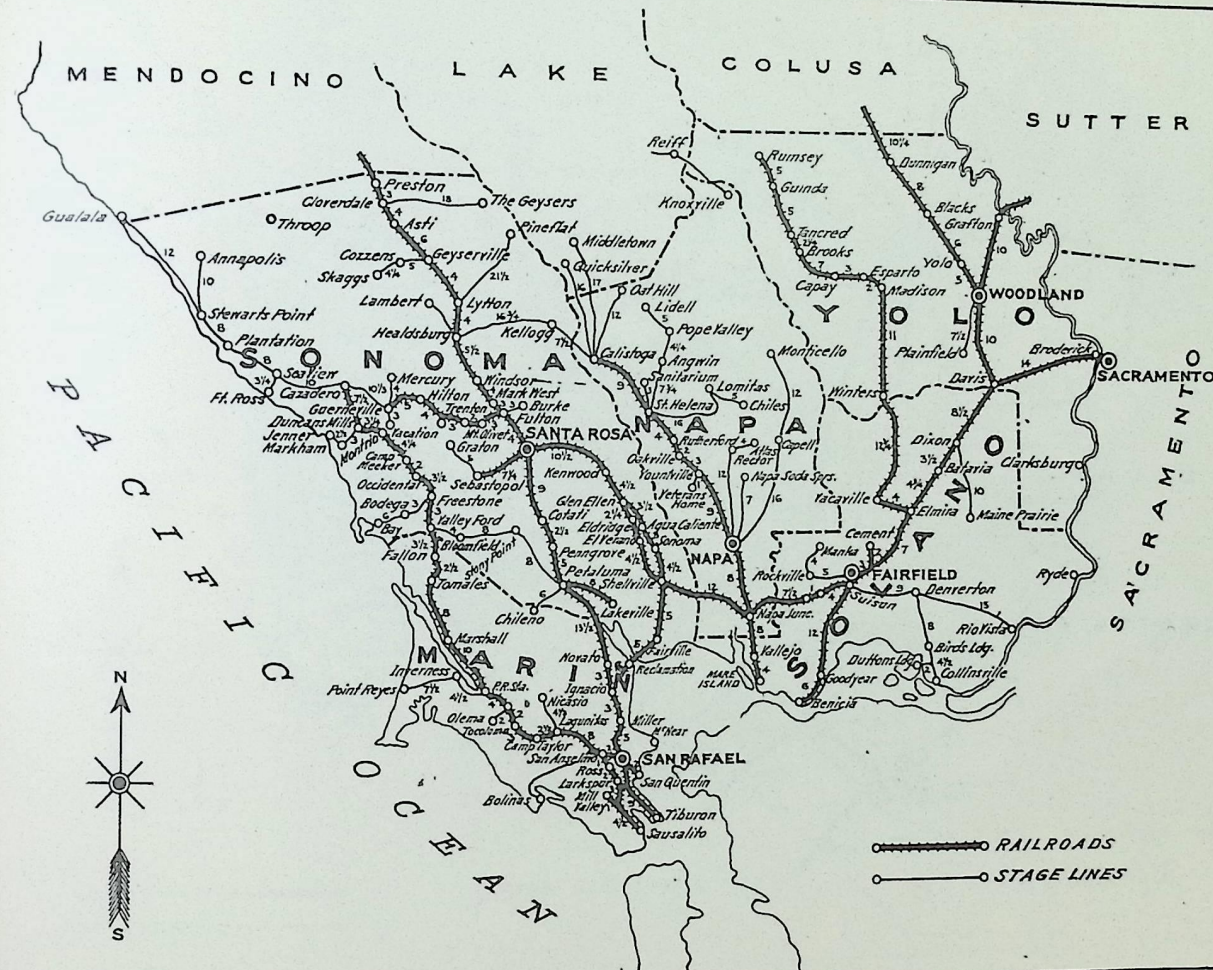




SUTTER, YUBA, SIERRA, NEVADA, PLACER, AND EL DORADO COUNTIES.

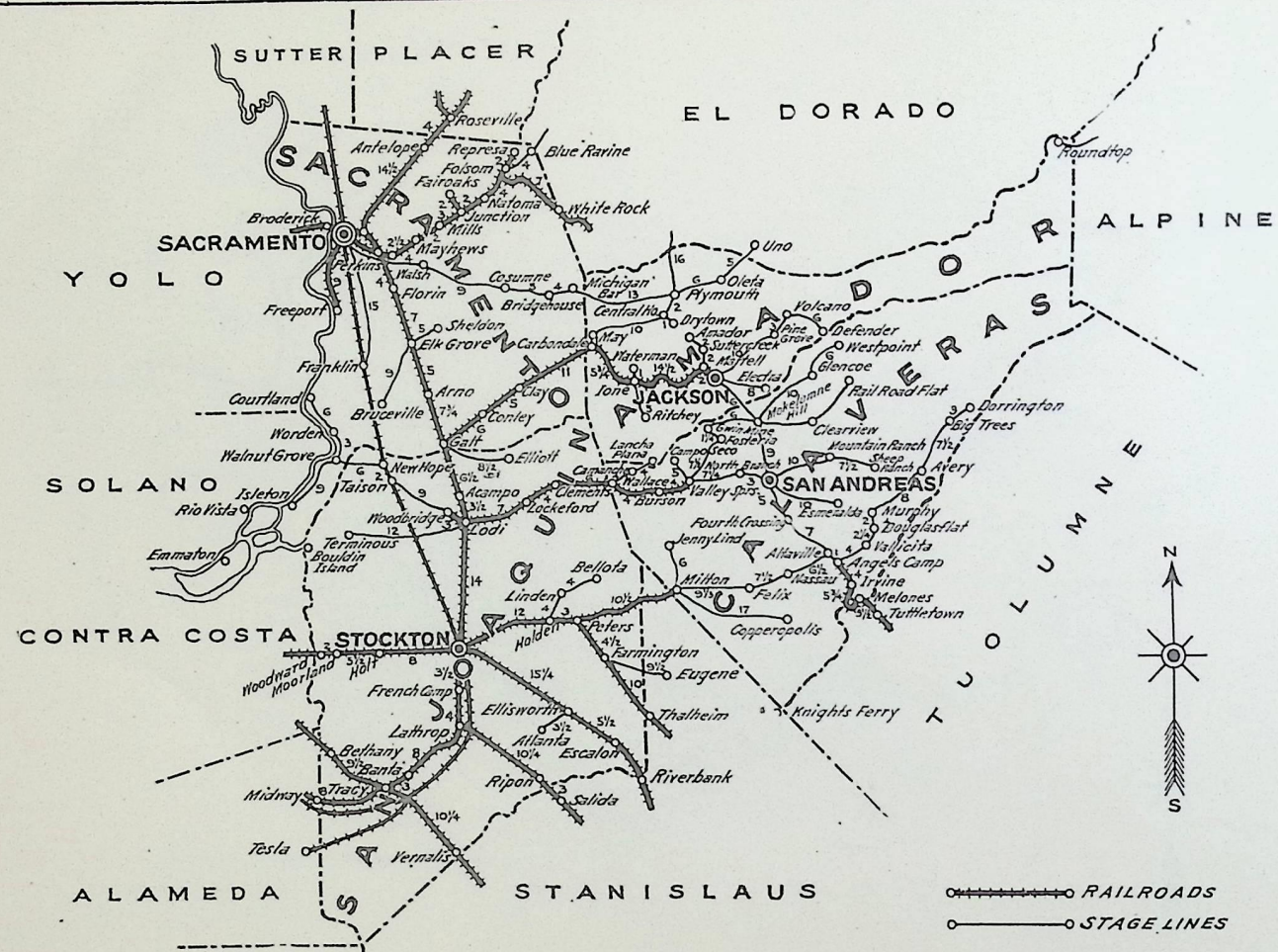


SONOMA, MARIN, NAPA, YOLO, AND SOLANO COUNTIES.



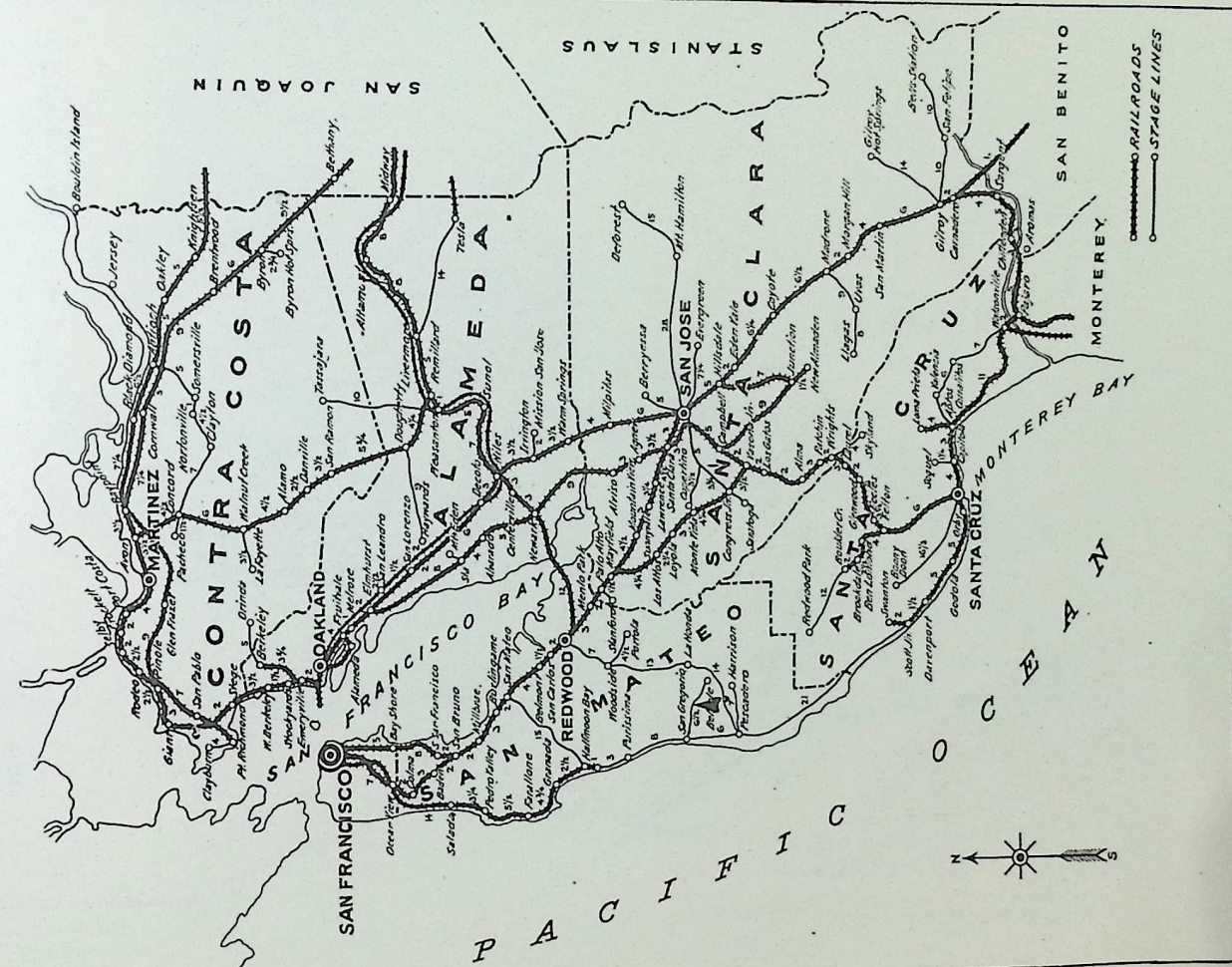


SACRAMENTO, SAN JOAQUIN, AMADOR, AND CALAVERAS COUNTIES.



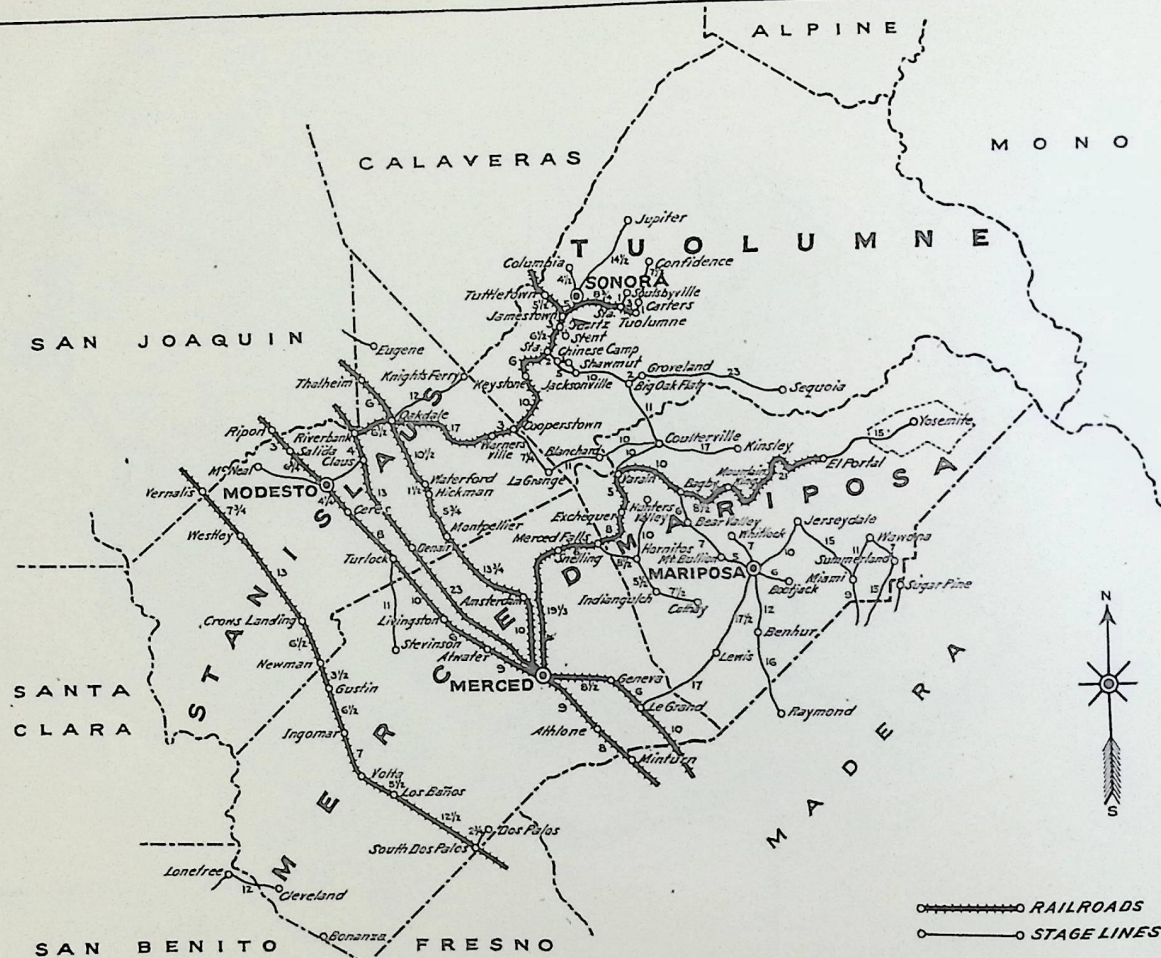
*Theo. Binge. Del.*

SAN FRANCISCO, SAN MATEO, CONTRA COSTA, ALAMEDA, SANTA CLARA, AND SANTA CRUZ COUNTIES.





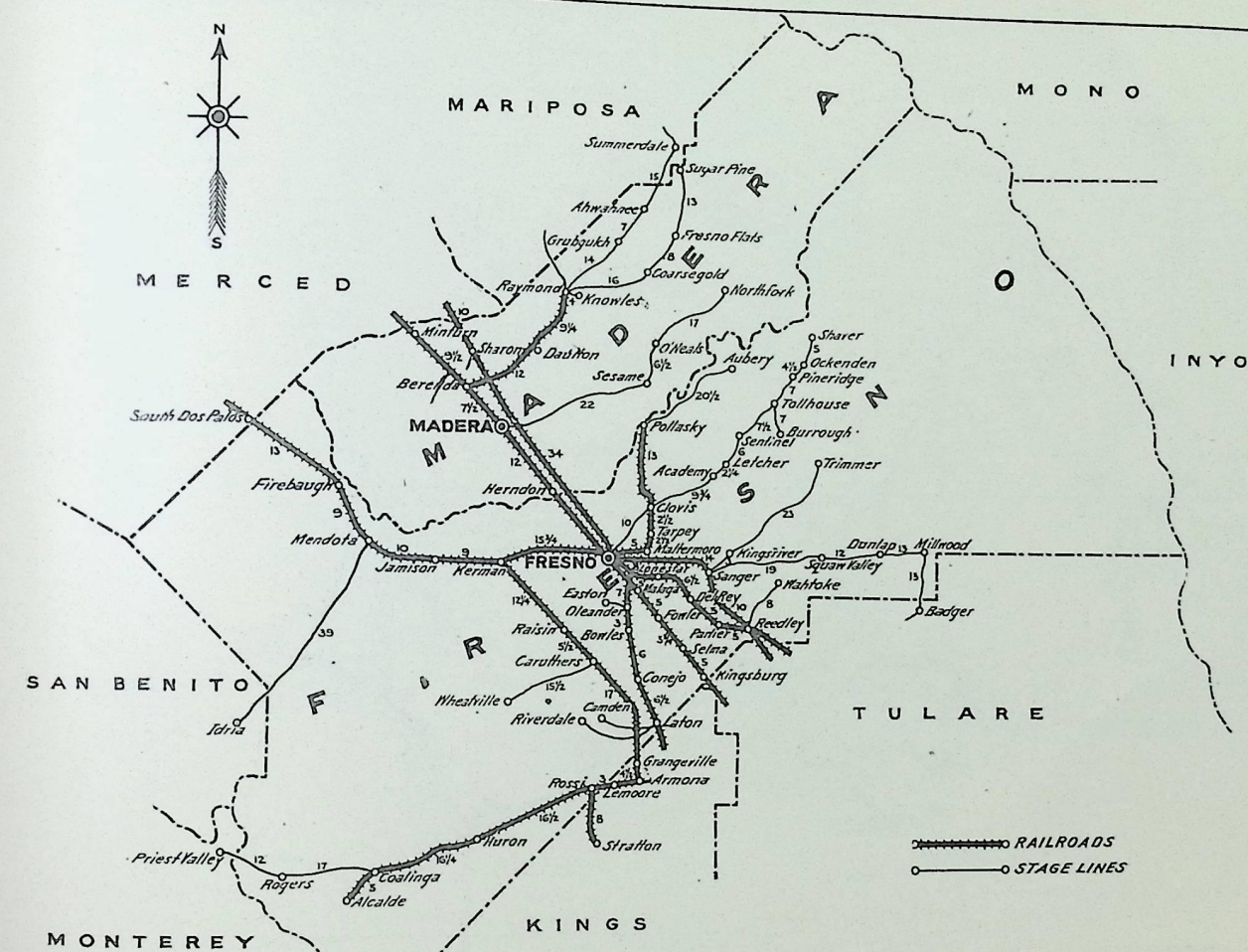
STANISLAUS, MERCED, TUOLUMNE, AND MARIPOSA COUNTIES.



RAILROADS  
STAGE LINES

Theo. Binge. Del.

MADERA AND FRESNO COUNTIES.

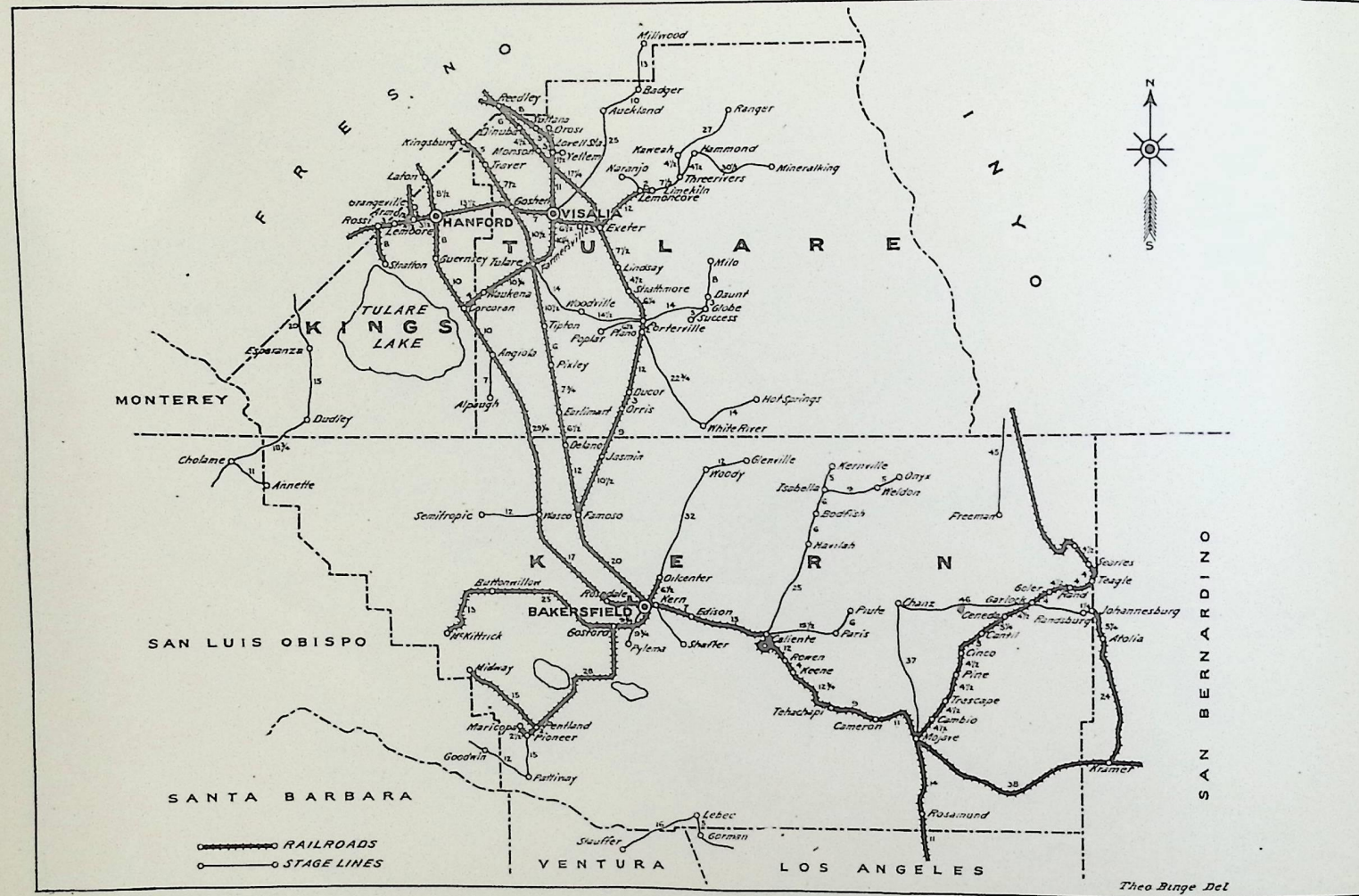


RAILROADS  
STAGE LINES

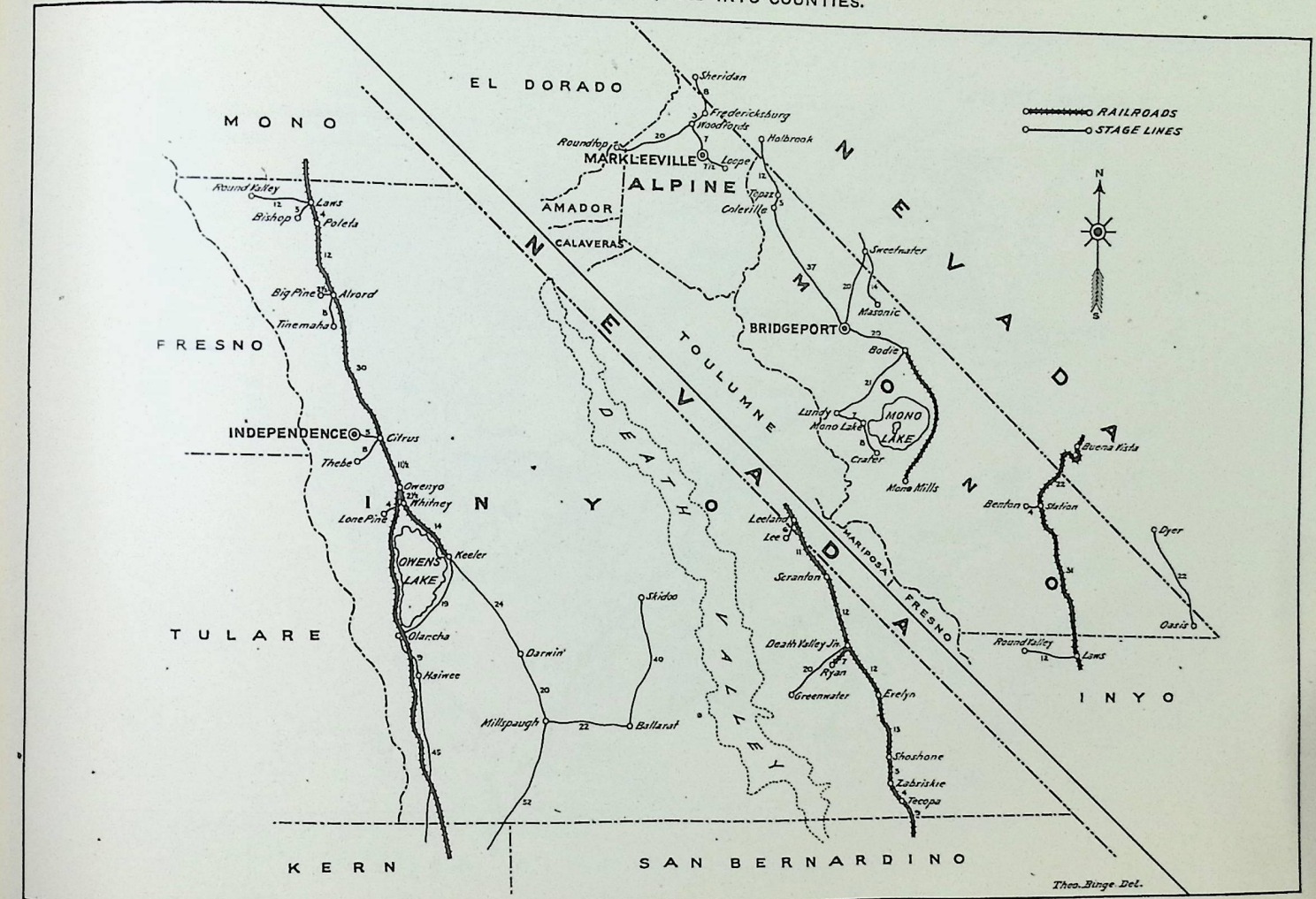
Theo Binge. Del.



# KINGS, TULARE, AND KERN COUNTIES.



# ALPINE, MONO, AND INYO COUNTIES.



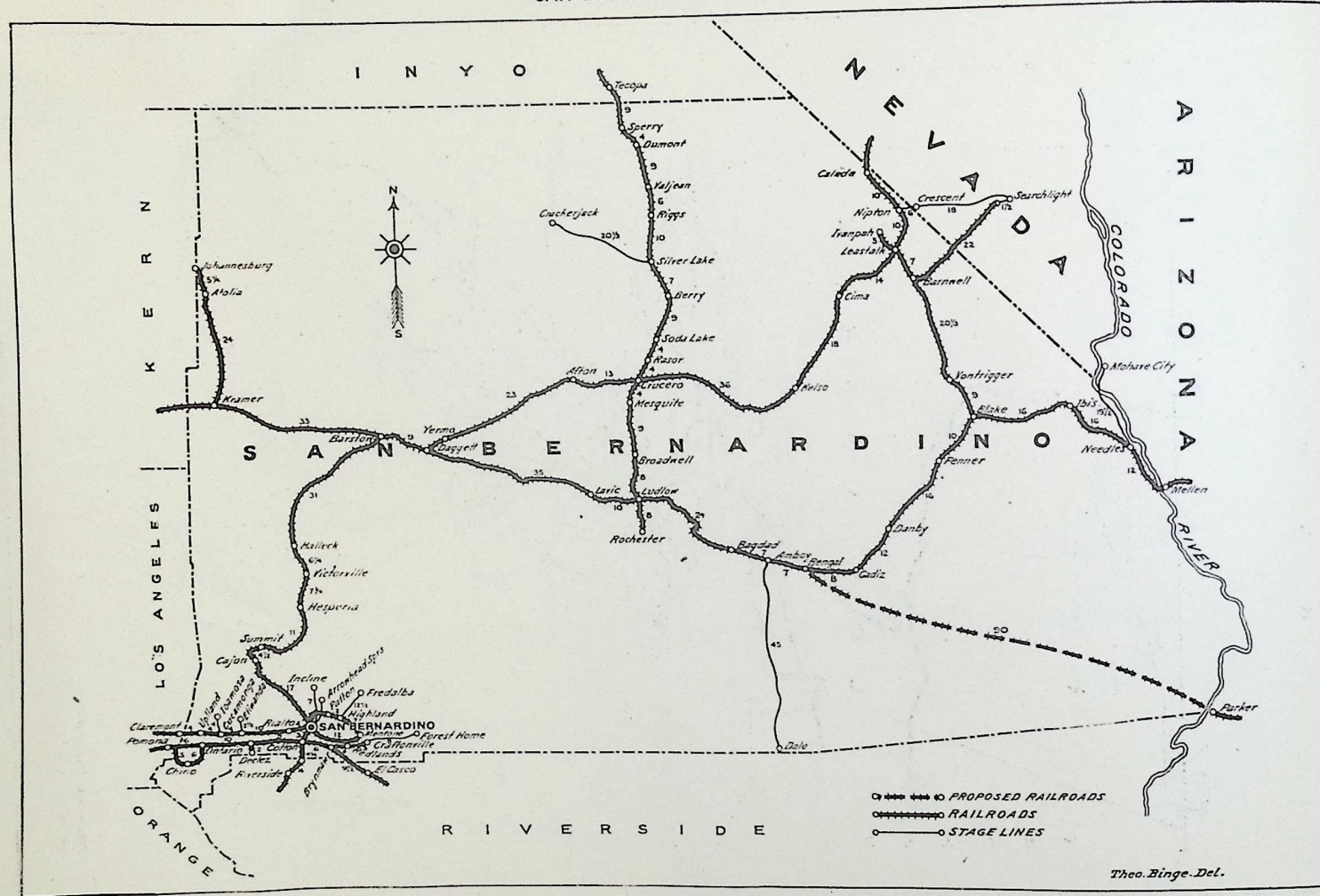


This is a detailed map of the Central Valley of California, showing the routes of the Great Western and Central Pacific Railroads. The map includes major cities like San Francisco, Sacramento, Yuba City, and San Jose, and shows the extensive network of railroads and stage lines connecting them. The map is signed "Theo. Binge. Del." in the bottom right corner.

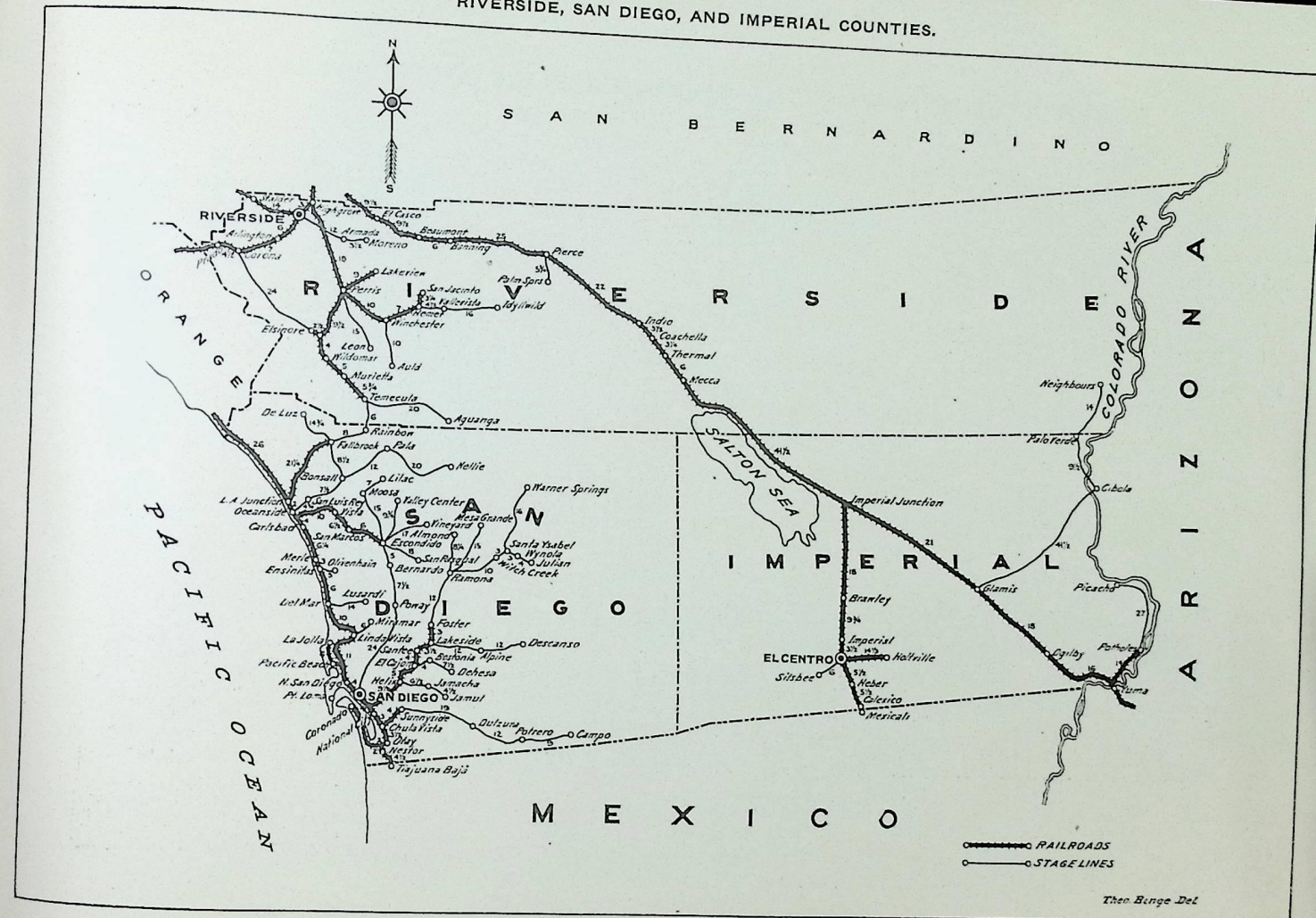
[illegible]



# SAN BERNARDINO COUNTY.



# RIVERSIDE, SAN DIEGO, AND IMPERIAL COUNTIES.





# LIST OF PUBLICATIONS OF THE CALIFORNIA STATE MINING BUREAU.

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Publications of this Bureau will be sent on receipt of the requisite amount and postage. Only stamps, coin, or money orders will be accepted in payment. Do not send personal checks.

Address all communications regarding publications to Librarian. *All publications not mentioned are exhausted.*  
Under Section 8, amendment to the Mining Bureau Act, approved March 10, 1903, your attention is respectfully called to that portion of the amendment which states: "The Board (Board of Trustees) is hereby empowered to fix a price upon, and to dispose of to the public, at such prices, any and all publications of the Bureau, including reports, bulletins, maps, registers, etc. The sum derived from such disposition must be accounted for and used as a revolving printing and publishing fund for other reports, bulletins, maps, registers, etc. The prices fixed must approximate the actual cost of printing and issuing the respective reports, bulletins, maps, registers, etc., without reference to the cost of obtaining and preparing the information embraced therein."

|                                                                                                                                              | Price. Postage. |        |                                                            | Price. Postage. |     |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------|------------------------------------------------------------|-----------------|-----|
| Report XI—1892, First Biennial.....                                                                                                          | \$1.00          | \$0.15 | California Mine Bell Signals (cardboard).....              | .05             | .02 |
| Report XIII—1896, Third Biennial.....                                                                                                        | 1.00            | .20    | California Mine Bell Signals (paper).....                  | .03             | .02 |
| Bulletin No. 6—"Gold Mill Practices in California"<br>(3d ed.).....                                                                          | .50             | .04    | Gold Production in California from 1848 to 1907..          | .25             | .08 |
| Bulletin No. 9—"Mine Drainage, Pumps, Etc."<br>(bound).....                                                                                  | .60             | .08    | Register of Mines, with Map, Amador County.....            | .25             | .08 |
| Bulletin No. 15—"Map of Oil City Oil Fields, Fresno<br>County, California".....                                                              | .05             | .02    | Register of Mines, with Map, Butte County.....             | .25             | .08 |
| Bulletin No. 23—"Copper Resources of California".....                                                                                        | .50             | .12    | Register of Mines, with Map, El Dorado County...           | .25             | .08 |
| Bulletin No. 24—"Saline Deposits of California".....                                                                                         | .50             | .10    | Register of Mines, with Map, Inyo County.....              | .25             | .08 |
| Bulletin No. 27—"Quicksilver Resources of California"<br>.....                                                                               | .75             | .08    | Register of Mines, with Map, Kern County.....              | .25             | .08 |
| Bulletin No. 30—"Bibliography Relating to the<br>Geology, Palaeontology and Mineral Resources<br>of California," including List of Maps..... | .50             | .10    | Register of Mines, with Map, Lake County.....              | .25             | .08 |
| Bulletin No. 31—"Chemical Analysis of California<br>Petroleum".....                                                                          | ...             | .02    | Register of Mines, with Map, Mariposa County...            | .25             | .08 |
| Bulletin No. 32—"Production and Use of California<br>Petroleum".....                                                                         | .75             | .08    | Register of Mines, with Map, Nevada County....             | .25             | .08 |
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| Bulletin No. 37—"Gems and Jewelers' Materials of<br>California" (2d ed.).....                                                                | .50             | .08    | Register of Mines, with Map, San Bernardino Co..           | .25             | .08 |
| Bulletin No. 38—"Structural and Industrial Ma-<br>terials of California".....                                                                | .75             | .20    | Register of Mines, with Map, San Diego County...           | .25             | .08 |
| Bulletin No. 45—"Auriferous Black Sands of Cali-<br>fornia".....                                                                             | .10             | .02    | Register of Mines, with Map, Santa Barbara Co..            | .25             | .08 |
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|                                                                                                                                              |                 |        | Map Showing Deposits in California.....                    | .05             | .02 |
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|                                                                                                                                              |                 |        | <i>In preparation—</i>                                     |                 |     |
|                                                                                                                                              |                 |        | Bulletin—"Revised Edition Copper Resources of California." |                 |     |

Samples (limited to three at one time) of any mineral found in the State may be sent to the Bureau for identification, and the same will be classified free of charge. *No samples will be determined if received from points outside the State.* It must be understood, that *no assays, or quantitative determinations, will be made.* Samples should be in a lump form if possible, and marked plainly with name of sender outside of package, postoffice address, etc. No samples will be received unless charges are prepaid. A letter should accompany sample, and a stamp should be enclosed for reply.  
Address all Samples and communications regarding Samples to Laboratory.

## LAW RELATING TO MISREPRESENTATIONS OF MINES BY ANY OFFICER OF A CORPORATION TRANSACTIONING BUSINESS IN CALIFORNIA. APPROVED MARCH 22, 1905.

SECTION 1. Any superintendent, director, secretary, manager, agent, or other officer, of any corporation formed or existing under the laws of this State, or transacting business in the same, and any person pretending or holding himself out as such superintendent, director, secretary, manager, agent or other officer, who shall willfully subscribe, sign, endorse, verify, or otherwise assent to the publication, either generally or privately, to the stockholders or other persons dealing with such corporation or its stock, any untrue or willfully and fraudulently exaggerated report, prospectus, account, statement of operations, values, business, profits, expenditures or prospects, or other paper or document intended to produce or give, or having a tendency to produce or give, to the shares of stock in such corporation a greater value or less apparent or market value than they really possess, or with the intention of defrauding any particular person or persons, or the public, or persons generally, shall be deemed guilty of a felony, and on conviction thereof shall be punished by imprisonment in State prison, or a county jail, not exceeding two years, or by fine not exceeding five thousand dollars, or by both.

SEC. 2. All acts and parts of acts in conflict with this act are hereby repealed.