



2015

(TOPOGRAPHY)

4

DESCRIPTIVE REPORT

TO ACCOMPANY

ORIGINAL FIELD SHEET

ENTITLED

TOPOGRAPHY

Topo. No. 2015

PACIFIC COAST

See 1645

FROM

HORNO CAÑON TO LAS FLORES

AND CAÑADA ALISO.

CALIFORNIA

1889

SCALE 1/10,000

Geographic Locality

Latitude 33, 15 - 21'

Longitude 117, 28'

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2015

Descriptive Report, to accompany
Original Field Sheet, entitled
Topography
Pacific Coast

from
Mono Cañon to Las Flores, Cañada Aliso.
California 1889 Scale 1/10,000

Locality

The general locality of Sheet is expressed in above title; "Las Flores", was well known in Mission days, as an Indian Mission of Pueblo, & subsequently the principal Casa of the "Rancho de las Flores" was located about a fourth of a mile East of the Old Pueblo; the buildings of the Pueblo deserted by the Indians were used as a Stage Station on the route from Los Angeles to San Diego until the Rail Road advent. Limits of Sheet expressed Geographically as follows,

Between latitude $33^{\circ} 15'$ and $22'$, the Central Meridian of Sheet is $117^{\circ} 27'$

Climate

I refer this to Descriptive Report of
Chuk, "Olauside & Vicinity" (Next South Sheet)

Variation

Same reference

Winds

Same reference

Barometric range &

Same reference

Topographic detail &

The southern portion of
the Chuk presents a gradual slope
from the Ocean, from the bluffs between
Alisos & Las Olas valleys back to the
hills which rise to elevation of nearly
500 feet within the Chuk limits & to 1000
feet about $3\frac{1}{2}$ miles from the coast line.

Upward from Las Olas Valley
the higher elevations approach the Ocean
& within the Chuk limits South of Horno
Cañon, an elevation of 1020 feet is shown
on map & $3\frac{1}{4}$ miles from the beach

North of Horno Cañon the

Topography is very abrupt & broken
 & the contours show the uneven
 slopes of San Mateo Mountain, the
 summit of which is included within
 the limits of the Park next north of
 this.

Coastal formation &

The Coastal land bordering
 the Park - except for two short inter-
 vals at the mouth of Cañada Aliso &
 one of half a mile at the mouth of
 Las Flores Valley - is formed of bluffs,
 mainly perpendicular clay bluffs from
 50 to 120 feet in height; these are
 much broken by slides at the entrance
 to Horno Cañon

Beach formation

The beach under the
 bluffs presents an unbroken area of
 sand, free from rocks & shingle, with
 a width of about 80 meters at low tide.

Shingle levees

None

Reception of Coast Line

No evidence of Conclusion

Rivers of River beds

None

Salt Marsh lands

Very small area at mouth of Cañada Aliso.

Overlying dunes

None

Natural Vegetation

The same general character of vegetation as upon the Occidental side of the Coast - thick except south of this point. For the Aliso, the shore & across the Cañon the timber is a feature & individual trees of large size may be seen, both *Quercus* & *Oaks*.

The hills in good seasons afford fine grazing & are generally free from Chapparal.

Fruit & Fruit trees

There are none within the limits of the Coast except at Las Flores where the company of Chinese cultivate a

Vegetable gardens & besides rice abundant
Crops of Melons; Cantaloupes & Water-
Melons, These last grow with great luxuriance
every where in San Diego County & under
the name "Sandia's" form one of the staples
of sustenance among the Spanish Population

Within the area of Cultivation, as shown
from the Creek the Soil is not to be compared
for excellence & there is abundance of water at
Las Flores. There are a few Pear & Fig
trees in good bearing. The rumen only limited
by want of Care.

The whole area of the Creek is
the property of the Flood Estate & was formerly
owned by Don Juan Coetw.

Settlements &c

Now, the only houses are
those at the Rail Road Station south of
Las Flores Valley and the Rancho house
de las Flores, for some years occupied
by the gardeners, Chinese above mentioned &
at present as a milk farm house

Rail Road

The California Southern traverses the Chuck, & has a flag station south of the Shore Valley.

Wagon roads

The Main Coast road traverses the length of the Chuck & is the line of the former Mission trail & Subsequent Stage Road between San Diego & Los Angeles except when it has been forced back close under the hills by modern wire fencing.

Wharves &

Now

Images

from vicinity of mountain

Elevation

The Contour is present 20 feet difference of Elevation & are exposed to H.W. mark

Respectfully Submitted
 Wm. C. Rogers
 Assistant