

4489

Form 504
Ed. June, 1925

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. PATTON, Director

U. S. A.
MAR 27 1930
Acc. No.

State: California

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. B 4489

LOCALITY

Northern California

Klamath River to Mussel Point

19 29

CHIEF OF PARTY

A. P. Ratti, H. & G. Engr.

DESCRIPTIVE REPORT
TO
ACCOMPANY TOPOGRAPHIC SHEET B KLAMATH RIVER TO MUSSEL POINT
A. P. RATTI, CHIEF OF PARTY PROJECT NO. 34

INSTRUCTIONS:

This survey was made under instructions dated April 27, 1929.

EXTENT:

This sheet comprises a survey of the shore line and other topographic features from Klamath River to Mussel Point. It is joined on the North by sheet A and on the South by sheet C.

METHODS OF SURVEY:

The shore line and other features were located by the usual plane table survey methods. No trouble was experienced in keeping within the allowable error of closure of traverses. All traverses were adjusted according to the instructions contained in the Topographic Manual.

DESCRIPTION:

The slopes are quite steep from Flint Rock to Johnson Creek, ending in low bluffs or slide at the highwater line. The slopes are covered with grass and are used for cattle ranges. East of the highway the hills are cut over and are sparsely covered with second growth timber.

A sand beach extends from Johnson Creek to Mussel Point. Beginning at a point just South of Osegan Creek and extending to a point one mile South of triangulation station Gold is what is known as Gold Bluffs. The bluffs are of varying heights, composed of river washed gravel and sand, and are of a yellowish appearance.

COMPARISON WITH RECONNAISSANCE SURVEY:

1. The shore line is out by amounts varying from a few meters to 450 meters. A creek is shown at long. 124- 04 lat. 41- 29 that does not exist.
2. The bluff line is not the highwater line as shown along Gold Bluffs but a sand beach of varying width extends along the bluffs.

*See Reconnaissance
sheet no. 1376
A.P.R.*

STATISTICS:

Statute miles of shore line -----	16.6
" " " highway -----	8.6
" " " creeks -----	2.0
" " " river -----	3.5
Area in sq. stat. mi. -----	12.2

Respectfully submitted,

George R. Shelton

Jr. H. & G. Engr.

Approved.

Augustus P. Ratti

Chief of Party.

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PLANE TABLE POSITIONS

Recoverable Objects.

Object and Discription	Lat.		D. M.	Long.		D. P.	Height in Feet	Remarks
Dip, small l.w. rock.	40	31	1800	124	05	775	2	Top
High h.w. rk.	40	30	1777	124	05	114	107	"
Cap, lone rk. on sand beach	40	28	325	124	03	1372	50	w.w. 25 ft. up on seaward side.
Pig, pointed rk.	40	27	1044	124	04	90	52	top
Mil, lone rk. at h.w.	40	27	281	124	03	1292	40	"
Goo, rk. on beach	40	26	1240	124	03	1237	53	"
Ham, rk. on beach	40	26	1020	124	03	1078	25	w.w. on side

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TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field Letter B

REGISTER NO. **4489**

State California

General locality Northern California

Locality ~~Klamath River to Missel Point~~ Klamath River

Scale 1:20,000 Date of survey June, 1929

Vessel Partyboat A. P. Ratti Project No. 34

Chief of Party A. P. Ratti

Surveyed by George R. Shelton

Inked by George R. Shelton

Heights in feet above H. W. to ground ~~XXXXXXXXXXXX~~

~~Contour XXX Approximate XXX Contour~~ Form line interval 100 feet

Instructions dated April 27, 1929

Remarks: _____

REG. NO. 4489