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COAST AND GEODETIC SURVEY

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Ton ° Sheet No. *3108*

LOCALITY:

*Shore line from Anchor
point to E. Base*

1901

CHIEF OF PARTY:

W. E. Parker

3108

Descriptive Report of the Shore Line from "Anchor Point to

E. Base".

DEC 27 1910

RECEIVED BY
Assistant in Charge

From "Anchor Point" to the eastward as far as Homer Spit, the

shore-line consists in general of yellowish-white eroded sand-cliffs, varying from 100 to 750 feet in height. Back of the cliff-line, the land rises gradually, forming plateaus, that run from 200 to 2000 feet in height. The interior is mostly heavily wooded.

△ n station "Anchor Point", to topographic station "Joke".

From △ n station "Anchor Point", for about 1 mile to the southward, the shore-line consists of eroded sand-cliffs, about 200 feet high. Immediately back of topographic signals "Sap", the land slopes up more gradually from the beach, and is heavily wooded. There is a farm just back of this signal. From signal "Sap" to signal "House", the ground slopes up very gently from the beach, and consists mainly of rolling land, covered by grass. In the immediate vicinity of signal "House", there ^{is} are a number of sheds, containing the machinery of a gold-mining concern, that was operating here some six years ago, and also huts for the accommodation of the miners. The signal ^{*}"House" is the most prominent building of the group; being a two-story red-roofed house, which is visible for some short distance at sea. A winding fresh-water stream, varying in width from 10 to 30 meters, starts about 1/2 mile N of signal "House" and runs to about 1/2 mile N of signal "Anchor Point". This stream is accessible only to small boats, as there is a bar at its mouth, which is practically bare at low water, and the stream itself is filled with rocks. The spit on the western side of the stream is sandy and low, being barely above the high water mark.

*Shular's.
-L. 71.78.
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Anchor Point itself has no distinguishing feature to mark it as the shore line at the point is low and from off shore the point is

invisible against the higher back ground that rises up in the interior. The interior from station "Anchor Point" to station "Joke" is heavily wooded and consists of a plateau that slowly increases in elevation.

From topographic signal "Joke" to the vicinity of Δ n station "Bluff"

From "Joke" to "Bluff" the shore line is one continuous stretch of eroded sand cliffs. These cliffs gradually increase in elevation from "Joke" eastward attaining a height of fully seven hundred feet at station "Bluff". Seams of soft coal are visible in the face of the cliff from Δ n station "New" to Δ n station "Bluff". The seams must extend for some depth, because, at low-tide, entire flats of coal, laid bare by the gradual recession of the cliff, may be seen. Blocks of this coal found along the beach were used and found satisfactory in the steam launch that the topographic party had with it.

The cliff on which Δ n station "Bluff" is located is the most conspicuous landmark in this vicinity. The height and the brilliant yellowish white appearance of the cliff render it a prominent object for miles.

There are quite a few waterfalls and mountain creeks, along the stretch between stations "Joke" and "Bluff". The interior along the stretch between these two stations is mainly heavily wooded and consists of plateaus which gradually rise to a considerable elevation.

For several miles north and south of station "Bluff" there is a flat about 1/3 mile wide bare at low water, which consists partly of sand, partly of seams of coal, and rocks scattered on it here and there.

Vicinity of Δ n station "Bluff" to Δ n station "E. Base".

From Δ n station "Bluff" to topographic signal "Clear", the shore-line consists of eroded sand-cliffs, that gradually grow lower and lower, as they run

to the eastward. Seams of coal are visible in the face of the cliff, and this coal is supposed to run back for a number of miles in the interior and to extend for some depth below the surface of the ground. Back of the cliffs, there is rolling ground varying from 200 to 1400 feet in height intersected here and there by deep gullies, through which mountain streams flow. This land is mostly covered by grass, and would be an ideal spot for the pasture of herds of cattle. About 1/3 mile back of station "Fly", there is a conspicuous red-roofed building, which is located by the side of a shaft, forming the entrance to a coal-mine, upon which work was commenced, some ten years ago. Nearby, there ^{is} are a group of buildings, containing the machinery for the working of this mine, and quarters for the miners. A narrow-gauge railroad runs from the vicinity of "E. Base" to the shaft-house. This railway is at present partly washed away about 1/2 mile north of station "Clear". The water is foul for a distance of about 1 mile off shore between topographic stations "Cap" and "Clear".

Homer Spit.

From topographic station "Clear" to about 1/2 mile east of ~~A~~ station "E. Base", there is a narrow sand-spit varying from a width of some twenty meters near topographic station "Clear" to some 300 meters further south, known as Homer Spit. This spit is barely above high water, and is mostly covered with a luxuriant growth of grass, with scattering groups of trees, growing here and there. At the eastern extremity of the spit, is located the town of Homer. There are a number of small cabins at Homer, a wharf only partly completed, and a few conspicuous buildings visible from a distance at sea. The railway mentioned above starts at Homer.

S. H. Schapen
Asst. C. S.

W. E. Parker
Chief of Party

Plane Table Positions.

Objects and Descriptions.	Lat.	D.M.	Long.	D.P.	Height ft	Remarks
Doc, a banner not permanently marked.	59 47	956	151 51	515	beach	
Sap, a banner not permanently marked.	59 47	198	151 51	7 95	"	
Wal, a banner not permanently marked.	59 46	1060	151 52	192	"	
Hin, the whitewashed gable of a shed near the beach.	59 45	1411	151 52	218	20	
House, a large two story bldg. the only one in the vicinity.	59 45	1006	151 52	18	97	
Hill, a small barn	59 47	213	151 51	687	25	
Joke, a flag on the beach not marked.	59 45	222	151 51	885	beach	
Why, a whitewashed rock on the beach.	59 44	1118	151 51	493	5	
Rap, a flag on the beach, not permanently marked.	59 43	1570	151 50	493 716	beach	
Glad, a banner not permanently marked.	59 44	775	151 50	198	"	
But, a W.W. rock on the beach.	59 43	417	151 50	00	5	
Sure, a large W.W. rock on the beach	59 41	1821	151 47	615	5	
Key, a banner not permanently marked.	59 41	897	151 46	278	beach	
Dot, a W.W. rock on the beach	59 40	1782	151 45	928	5	
Wee, a banner not permanently marked.	59 40	942	151 43	661	beach	
Hut, a small shack	59 40	194	151 42	664	15	
Fog, a banner not permanently marked	59 39	1401	151 41	873	beach	
Hum, a W.W. rock on the beach	59 39	449	151 40	244	5	

Plane Table Positions.

Objects and Descriptions.	Lat.	Dgm.	Long.	D.P.	Height ft.	Remarks.
Cap, a prominent rock on the beach.	59 38	1376	151 38	724	5	
Rub, a banner not permanently marked.	59 38	1054	151 37	239	beach.	
Fly, a banner in a tree not permanently marked.	59 38	578	151 35	894	35	
Clear, a banner in a tree not permanently marked.	59 37	1643	151 32	78	25	
Ban, a banner not permanently marked.	59 37	887	151 29	203	10	
Ray, a banner not permanently marked	59 36	1770	151 27	787	10	

Taken from Kachemak Bay

