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DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

State: \_\_\_\_\_

11-5613

DESCRIPTIVE REPORT.

*Top* Sheet No. *3541*

LOCALITY:

\_\_\_\_\_

191

CHIEF OF PARTY:

3541

Coast and Geodetic Survey,

E. L. Jones, Superintendent,  
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A Descriptive Report to Accompany Topographic Sheet **B 3541**

Southern Bucareli Bay,

West Coast of Prince of Wales Island,

S. E. Alaska.  
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June - July 1915.  
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By Party on Steamer "GEDNEY"

F. H. Hardy, Assistant,

Chief of Party.  
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Instructions dated March 26, 1915.

Limits, Scale, Method.

Topographic Sheet "B", includes the southern part of Bucareli Bay and contains the shore line as follows; Baker Id. from Point San Roque to Cape Bartolome, and Suemez Island from Point San Jose to the southern end of the island, where the sheet joins topographic sheet #3458, completed in 1914. The sheet joins Sheet A, of the present seasons work, on the north.

The Scale is 1:20,000.

The work was done by a party from the Steamer "GEDNEY", with G. C. Mattison, Assistant, in charge. Launch #27 and skiff, with 5 men comprised the party.

Owing to exposed waters of Bucareli Bay, advantage was taken of favorable weather conditions to complete the shore line, while the contouring was left to be done on more unfavorable working days.

All contouring was done from stations along the shore.

The work was controlled by numerous triangulation and intersection stations. The bays of San Antonio and Santa Cruz were controlled by plane table triangulation, and checked by traverse. All traversing was checked by back readings.

General Description:

The shore line is very irregular, and broken, with many rocks and ledges close inshore.

The topography of Suemez Island is irregular and broken, there being no well defined ridges or valleys.

Baker Island is characterized by well defined, long and deep valleys, which are very picturesque. The ridges and peaks in the vicinity of Port San Antonio, are in general bare and rocky, with occasional patches of grass.

The islands are covered mostly with spruce trees, except on the peaks as mentioned.

Description of the shore;

The north side of the entrance to Port Santa Cruz has a steep rocky shore, while the rest of the bay has a low shore line, with rocky, gravel or sand beaches. From Port Santa Cruz to Meares Pass, the shore line is very broken, and has many boulders close inshore. Where the work connects with that of last season, is a prominent grey cliff, which is very conspicuous from <sup>off</sup> the shore.

Port San Antonio has, on the north side of the entrance, a steep shore line, rocky and very foul with boulders close inshore. The north arm of the bay has a low shore line with gravel beach,

and the country surrounding rises very gradual. The south arm of the bay is in a deep valley, the west shore rising suddenly to two prominent peaks, 1910<sup>7</sup> and 1920 feet high. In the summer, these peaks are partly grass covered, and the ~~light~~<sup>bright</sup> green patches show quite prominently from Bucareli Bay.

The shore line from Port San Antonio to Cape Bartolome is rocky and irregular.

About 2-1/2 miles south of Port San Antonio at the head of a bight is a lake, the limits of which are only approximately shown on the sheet. The surface of this lake has an elevation of about 12 feet above high tide level. The lake appears to be fairly deep.

All of the streams shown on the sheet are small, and none are of importance.

Respectfully submitted,

*G.C. Mattison*  
Assistant, C. & G. Survey,

Forwarded,

Assistant, C. & G. Survey,  
Commanding Stmr. "GEDNEY"

Sheet B.							
Name	Des. <del>Des.</del>	Elev.	Remarks	Name	Des.	Elev.	Remarks
Rip	w.w.	13'		Nip	Flag	37'	
Rap	"	33'		Sea	"	30'	
Sew	"	36'		Dam	w.w.	11'	
New	"	12'		ΔLace	"	15'	
Off	"	10'		Out	"	21'	
alk	"	6'		Paw	"	12'	
Our	flag	8'		Fry	"	20'	
kin	"	6'		Pat	flag	12'	on top of pit
Eld	"	12'		HiD	flag	65'	"
Bale	"	10'		Off	"	14'	
Troo	"	6'		ΔHus	"	55'	
Six	"	8'		Tom	w.w.	12'	
Doc	"	8'		Pod	flag	12'	
Aze	"	8'		Hun	"	16'	
Dig	"	12'		Mid	"	34'	
Ear	"	4'		Cum	"	10'	
Jug	"	5'		Hub	w.w.	8'	
Pag	"	4'		Mow	flag	9'	
Dow	N. Galb. Ho.	15'		Nib	w.w.	8'	
Men	driftwood	4'		One	"	13'	
Bar	flag	7'		Orb	flag	18'	
Gab	"	3'		Lib	"	56'	
Don	"	2'		UD	w.w.	57'	
Mis	"	6'		Bug	flag	22'	
Pie	w.w.	2'		Bed	w.w.	9'	
Now	w.w.	8'		Clap	pole?	47'	
Hun	flag	9'		ΔHap	"	22'	
Ilk	"	48'		Brig	w.w.	6'	
On	w.w.	7'		ΔDor	flag & w.w.	38'	
Cog	flag	19'		Had	w.w.	12'	
Don	w.w.	18'		Gap	w.w.	23'	
Fro	"	25'		Vex	w.w.	21'	
Jew	"	20'		Use	w.w.	15'	
Bold	"	5'		ΔDab	flag	43'	
Bay	"	6'		Win	"	42'	
Bird	flag	30'		An	pole	66'	
BooD	w.w.	11'		Hot	w.w.	50'	
On	"	10'		Tob	w.w.	15'	
ΔYellow	"	30'		Can	flag	20'	
Ma	w.w.	31'		Wad	"	18'	
Low	flag	12'		ΔPoint	"	50'	
Td	w.w.	14'		Dog	flag	70'	
Bud	"	22'		Dun	High black pin	rock.	
Mum	"	12'		Cud	High dip of rock.	"	
Ha	"	3'		Rock	"	"	
Lax	"	21'		Cap	flag	"	
No	"	16'		Rud	pink.	"	
PiD	"	31'		Dry	flag.	"	
ΔDok	"	15'					
Red	"	19'					
Nor	"	12'					
ΔKeyes	pole	10'					
ΔSd	w.w.	12'					
Jib	Flag	21'					

Topographic sheet 3541

Marginal projection figures should be placed on all four sides of the sheet.

There is an unsurveyed area near Cape Felix.

E. P. E.

12-28-15