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DISCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET
ENTRANCE to PORT NELLIE JUAN and McCLURES BAY
PRINCE WILLIAM SOUND, ALASKA.

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: _____
11-5913

DESCRIPTIVE REPORT.

Yap Sheet No. *3676*

LOCALITY:

191

CHIEF OF PARTY:

SEMR. TAKU

Comdg.

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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 3676

State . . . Alaska
General locality Prince William Sound
Locality . . . Port Nellie Juan
Chief of party . . . E. E. Smith
Surveyed by E. E. Smith, A. S. Hallberg, W. H. Overshiner
Date of survey July - August 1917
Scale . . . 1/20,000
Heights in feet above mean sea level
Contour interval 100 feet.
Inked by A. S. Hallberg Lettered by A. S. Hallberg . . .
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks:

SIGNALS ON TOPOGRAPHIC SHEET
ENTRANCE to PORT NELLIE JUAN and McCLURE BAY

STMR. TAKU

1917

E. E. SMITH? Ch. of Party

| Name | Latitude | D.M. | Longitude | D.P. | Description |
|--------|----------|------|-----------|------|---|
| Nan | 60 35 | 703 | 148 07 | 113 | not recoverable, white wash. |
| Bark | 60 | 1154 | | 801 | |
| Bark | 60 35 | 214 | 148 07 | 254 | " " " " |
| | | 1643 | | 660 | |
| Egg | 60 35 | 15 | 148 07 | 527 | " " " " |
| | | 1842 | | 387 | |
| Corner | 60 34 | 1717 | 148 07 | 404 | " " " " |
| | | 40 | | 510 | |
| Tree | 60 33 | 1631 | 148 10 | 248 | recoverable, highest tree on small island. |
| | | 826 | | 667 | |
| Can | 60 33 | 298 | 148 10 | 243 | not recoverable, white wash. |
| | | 1559 | | 672 | |
| Stack | 60 32 | 1385 | 148 10 | 263 | recoverable, high, stack at Copper River Pkg. Co., Cannery. |
| | | 472 | | 652 | |
| Point | 60 32 | 1142 | 148 10 | 424 | recoverable, white wash on S. point of entrance to small bay at Copper River Pkg. Co Cannery. |
| | | 715 | | 491 | |
| Ell | 60 32 | 596 | 148 10 | 468 | not recoverable, white wash |
| | | 1261 | | 447 | |
| Ed | 60 31 | 1436 | 148 10 | 430 | " " " " |
| | | 421 | | 486 | |
| Tan | 60 31 | 853 | 148 10 | 435 | " " " " |
| | | 1004 | | 481 | |
| Hid | 60 30 | 1494 | 148 10 | 294 | " " " " |
| | | 363 | | 622 | |
| Han | 60 30 | 423 | 148 09 | 901 | " " " " |
| | | 1434 | | 15 | |
| At | 60 29 | 1025 | 148 09 | 812 | " " " " |
| | | 832 | | 104 | |
| Bif | 60 29 | 1280 | 148 10 | 38 | recoverable, highest point of off-shore rock. |
| | | 577 | | 878 | |
| Head | 60 29 | 1585 | 148 10 | 277 | not recoverable, white wash. |
| | | 272 | | 639 | |
| Low | 60 29 | 1496 | 148 11 | 262 | " " " " |
| | | 361 | | 654 | |
| Tom | 60 29 | 809 | 148 11 | 485 | " " " " |
| | | 1048 | | 431 | |
| Axe | 60 29 | 468 | 148 11 | 573 | " " " " |
| | | 1389 | | 343 | |
| Tar | 60 28 | 1721 | 148 11 | 684 | " " " " |
| | | 136 | | 232 | |
| Wat | 60 29 | 324 | 148 12 | 145 | " " " " |
| | | 1533 | | 771 | |
| Ash | 60 29 | 988 | 148 11 | 693 | " " " " |
| | | 869 | | 223 | |
| Goon | 60 29 | 1847 | 148 11 | 328 | " " " " |
| | | 10 | | 588 | |
| Cliff | 60 30 | 817 | 148 11 | 412 | " " " " |
| | | 1040 | | 504 | |
| Mist | 60 31 | 81 | 148 11 | 284 | " " " " |
| | | 1776 | | 632 | |
| Con | 60 31 | 855 | 148 11 | 257 | " " " " |
| | | 1002 | | 654 | |
| Mac | 60 32 | 759 | 148 11 | 391 | " " " " |
| | | 1098 | | 524 | |

Signals on Topographic Sheet Continued
Entrance to Port Nellie Juan and McClure Bay

Stmr, Taku

1917

E.E. Smith, Ch. of Party.

| Name | Latitude | D.M. | Longitude | D.P. | Description |
|------|----------|------------------------|-----------|------------|---|
| Bay | 60 33 | 489 1368 | 148 11 | 530 385 | not recoverable, white wash. |
| Isle | 60 33 | 701 1156 | 148 11 | 517 398 | " " " " |
| Tip | 60 33 | 902 955 | 148 11 | 696 219 | recoverable, rock about 10 meters off-shore. |
| Kid | 60 33 | 894 963 | 148 11 | 716 199 | not recoverable, white wash. |
| Jas | 60 33 | 00 00 | 148 12 | 168 747 | " " " " |
| Mal | 60 31 | 1494 363 | 148 13 | 538 578 | " " " " |
| And | 60 31 | 1068 789 | 148 13 | 789 127 | " " " " |
| Out | 60 34 | 1576 281 | 148 15 | 652 262 | " " " " |
| By | 60 35 | 457 1400 | 148 15 | 379 535 | " " " " |
| Turn | 60 35 | 873 984 | 148 15 | 297 617 | " " " " |
| Ded | 60 37 | 138 1719 | 148 10 | 437 476 | recoverable, high dead tree on small island. |
| Bow | 60 29 | 1548 309 | 148 10 | 594 322 | not recoverable, white wash. |

Descriptive Report to Accompany Topographic Sheet of 3676
Entrance to Port Nellie Juan and McClures Bay

The Superintendent
Coast and Geodetic Survey
Washington, D.C.

Sir:-

I have the honor to report as follows on the topographic sheet of the Entrance to Port Nellie Juan and McClures Bay, Prince William Sound, Alaska.

On making the landfall to the Entrance to Port Nellie Juan there is a peak shows up on the North side on Culross Island, 1550 ft. in elev. and falling off abruptly to the southward. The country on the south side shows up as a succession of wooded rolling hills.

The topography was done by the usual plane table methods. The control consisted of a scheme of tertiary triangulation.

The bay at Lat $60^{\circ} 37\frac{1}{2}'$ N, Long. $148^{\circ} 09\frac{1}{2}'$ W was reported foul by fishermen. The bays at Lat $60^{\circ} 35\frac{3}{4}'$ N, Long $148^{\circ} 14\frac{3}{4}'$ W and at Lat $60^{\circ} 31\frac{3}{4}'$ N, Long $148^{\circ} 19\frac{1}{2}'$ W seem clear.

Salmon run in the streams, with mouths at approximately the following positions

| | | | | | |
|-----|----|--------------------|-------|-----|--------------------|
| Lat | 60 | $35\frac{5}{8}'$ N | Long. | 148 | $15\frac{1}{4}'$ W |
| | 60 | $34'$ N | | 148 | $18\frac{1}{2}'$ W |
| | 60 | $34\frac{3}{4}'$ N | | 148 | $07\frac{1}{2}'$ W |
| | 60 | $33\frac{1}{2}'$ N | | 148 | $10'$ W |
| | 60 | $29\frac{1}{4}'$ N | | 148 | $09\frac{1}{4}'$ W |
| | 60 | $28\frac{3}{8}'$ N | | 148 | $11\frac{1}{2}'$ W |
| | 60 | $28\frac{1}{2}'$ N | | 148 | $11\frac{1}{2}'$ W |
| | 60 | $28\frac{1}{4}'$ N | | 148 | $12'$ W |
| | 60 | $30\frac{1}{8}'$ N | | 148 | $14'$ W |

The Copper River Pkg. Co. have a cannery and wharf on the North entrance to the first bay on the East side of McClures Bay.

The country covered by this sheet has been covered by a glacier at a comparatively recent date. The hillsides show scouring out and scratches caused by the glacier very plainly.

A long narrow lake is reported in extension of the west arm of McClures Bay. The country is dotted with many small lakes and ponds. The two shown by dotted lines are reported, one by people at the Cannery and the other by some of our men, who saw it.

The bay back of the island which contains station Nell seems clear in its southern end. There is a reef across the middle of it just covered at low water. The northern end is reported to be foul.

There is a prospector working in Culross Bay, Fox farmers occupy Perry Id and Lone Id. Save for these and the Cannery people the country seems uninhabited. The natives who worked in the Cannery were brought from the East side of the Sound. Inquiry failed to elicit any Geographical Names. The new comers have made no new designations.

No old inhabitants were seen

Respectfully submitted

Arthur Hallberg
Jr. Hyd. and Geod. Engr.

Approved

E. E. Smith

Chief of Party