

4082

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: S. W. Alaska

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. 4082

LOCALITY:

Northwest Shore of Chignik Bay

1924

CHIEF OF PARTY:

Clem L. Garner

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DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET NO. 4,
Chignik Bay, S. W. Alaska (Northwest Shore of Chignik Bay),
Clem L. Garner, Chief of Party
Instructions dated March 11, 1924.

TERRITORY COVERED. This sheet comprises a topographic survey of that portion of the northwest shore of Chignik Bay beginning three miles northeast of Anguvik Island and extending in a generally southwestern direction to within one and two-thirds miles of the southern end of Chignik Lagoon Spit. The shore-line amounts to $16\frac{1}{2}$ statute miles, and the area covered by form-lines is approximately 67 square miles.

GENERAL DESCRIPTION OF COAST. The general appearance of this coast-line is that of the ordinary Alaskan coast. The only conspicuous features as seen from some distance off shore are Anguvik Island and the red peak at the extreme eastern edge of this sheet (elevation 3130 ft.), and the cluster of mountains, dominated by the black mt. (elevation 3250 ft.) shown on the north side of Thompson Valley. Smooth sand beaches occur in the vicinity of Dry Creek Valley and Thompson Valley. The remainder of the coast is generally regular and composed mainly of sandy beaches, with occasional intervening points extending close to the low-water line. That part of the coast which is east of Dry Creek Valley has a natural slope towards the hills. Between Dry Creek Valley and Thompson Valley the coast is surmounted by grassy banks averaging about twenty feet high. A similar condition prevails along that part of the coast which lies between the sand beach at Thompson Valley and the point marked by A HOUSE.

LANDMARKS. The only conspicuous landmarks within this area are the red peak and the black mt. mentioned in the foregoing paragraph, and Anguvik Island. The latter is 50 feet high, with rugged cliffs on all sides, and is distinctly visible from the Bay. The only conspicuous building is that at OMine, which houses the tippie and coal bins for the abandoned coal mine.

INSHORE DANGERS, BARS AND CHANNELS, ANCHORAGES, ETC. (For information under this head, see Descriptive Report covering Hydrographic Sheet No. 4, Chignik Bay, S. W. Alaska).

PERMANENCE OF COAST LINE. No tendency towards coast-line changes are in evidence.

SURVEY METHODS. A number of prominent objects and whitewashed signals were located by plane-table cuts taken from A ROCK OFF NIGGER HEAD and A ANG. OFir was transferred from topographic sheet No. 3, and a traverse was then run from this point northeastwards all the way to the extreme limit of the shore-line shown. The elevations and form lines for the area lying to the east and northeast of Thompson Valley were determined simultaneously with the traverse, while the remainder of the contouring was done subsequent to the determination of the shore-line, by plane-table and sextant. None of the inshore area was actually visited.

BEACHES AND LANDING PLACES. Fairly good sandy beaches are found at the mouth of Dry Creek Valley and of Thompson Valley, and in comparatively calm weather landings are easily made at any point on this coast.

WATERING PLACES, BUILDINGS, ETC. There are no watering places in this region. The streams shown on the map run throughout the summer. None of the huts or cabins were inhabited at the time the survey was made.

INDUSTRIES. It is possible that some hunting and trapping is done during the proper seasons, but at the time of the survey there was no industry of any kind in this vicinity. It is said that there is a valuable seam of coal about two miles northwest of Mine, but the mine is no longer being worked.

GAME AND FISH. No information was obtained regarding the game in this region. Most of the streams are full of salmon during the spawning season.

VEGETATION. Up to an elevation of approximately 1700 feet, the land is covered with grass and scattered patches of alders. Above that elevation the hills and mountains are bare. There are no trees.

PLACE NAMES. "Anguvik Island," "Thompson Valley," "McKinsey Valley," and "Dry Creek" are well-established local names. The stream near Δ HOUSE is sometimes known locally as "Kinita Creek," (pronounced Kin-eet'-a), but no definite spelling for this name could be secured.

Respectfully submitted,

George H. Dell
George H. Dell
Jr. H. & G. Engineer.

Approved:

Clara L. Garner
H. & G. Engineer.
Chief of Party.
Commanding M.S. Division.

PLANE-TABLE POSITIONS.

Object and description	Latitude		D. M.	Longi- tude.	D. P.	Height
	0	'	Meters	0	'	Feet
Spot-white spot in cliff	56	27	1526	158 14	292	25
Sup -end of point	56	27	1412	158 14	744	20
Smak-easternmost of 2 points of cliff	56	27	1806	158 14	856	10
Gad -side of conspicuous ledge	56	28	547	158 15	525	10
Sil -foot of water-fall	56	28	1762	158 17	250	5
Bird-rock covered with birdlime	56	28	1740	158 18	521	8
Mag -high rock near shore.....	56	29	143	158 19	536	10
Black-westernmost of several rocks at low-water line.....	56	29	108	158 19	911	6
Yet - east end of cliff and beginning of sandbeach...	56	28	618	158 21	312	4
W. Fall	56	28	308	158 21	606	30
W. Fall	56	28	13	158 21	909	30
Dor -seaward side of wood shanty	56	27	1450	158 22	322	15
Mike-point of small cliff.....	56	27	1252	158 22	480	7
Pat -point of small cliff.....	56	27	1132	158 22	934	7
Shan-wooden shanty.....	56	27	968	158 23	820	15
Mine-wooden frame building, south gable.....	56	27	627	158 24	400	35
Slee-point of small cliff.....	56	26	484	158 25	534	7
Miss-point of overhanging cliff	56	25	1592	158 25	755	18
Alt - " " " "	56	25	829	158 26	138	20
Jut - " " " "	56	24	1262	158 26	951	8
Rab -native hut or baraberi	56	24	428	158 27	862	12
Bra - " " " "	56	24	209	158 27	901	12
Hop -point of rock at low-water	56	23	1796	158 27	919	-1
Dark-large, dark rock on beach	56	23	1718	158 28	169	10
Pile-group of rocks on beach	56	23	278	158 29	572	10
Rock-large rock 20 m. offshore	56	22	1710	158 29	7538	20
Red peak	56	29	530	158 13	750	3130
Black mt.	56	30	830	158 25	540	3250
Knife-edge mt.	56	24	1090	158 35	420	2575

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON April 17, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4082

Chignik Bay, Alaska Peninsula

Surveyed in 1924

Instructions dated March 11, 1924.

Chief of Party, C. L. Garner.

Surveyed and inked by G. L. Dell.

1. The records conform to the requirements of the General Instructions.
2. The plan and extent of the survey satisfy both the General and specific instructions except that there are only one-half the required number of determined elevations.
3. The sheet was inked by the surveyor and was well done except for some weak lines.
4. The junctions with adjoining surveys are satisfactory.
5. No further surveying is required.
6. The character and scope of the surveying and field drafting are good.
7. Reviewed by E. P. Ellis, April, 1925.

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. ⁴⁰⁸²(4) 4082

State . . . S. W. Alaska
General locality . . . Alaska Peninsula
Chignik Bay
Locality . . . Northwest Shore of Chignik Bay. — Northwest Coast
Chief of party . . . Clem L. Garner
Surveyed by . . . George H. Dell
Date of survey 1924
Scale 1:20,000
Heights in feet above Mean high water.
Contour interval . 100 . feet.
Inked by . G. H. Dell . . Lettered by . . G. H. Dell
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks:

A small supplemental sheet is included, containing form-lines for a portion of the area extending beyond the limits of the Topo. Sheet.