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

State: S.W. Alaska

DESCRIPTIVE REPORT.
Topographic Sheet No. 4082

LOCALITY:
Northwest Shore of Chiguik Bay

CHIEF OF PARTY:
Clem L. Garner
DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET NO. 4,
Chignik Bay, S. W. Alaska (Northwest Shore of Chignik Bay),
Glen 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 16½ 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
cost 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
G Mine, which houses the tipple and coal bins for the abandoned coal mine.

INSHORE DANGERS, BARS AND CHANNELS, ANCHORAGE, 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.
A Fir was transferred from topographic sheet No. 3, and a traverse was then
run from this point northwards 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 Elmira, 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 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
Jr. H. & G. Engineer.

Approved:

Chen L. Tan
H. & G. Engineer.

Chief of Party

County: Mt. Benson.
<table>
<thead>
<tr>
<th>Object and description</th>
<th>Latitude</th>
<th>Longitude</th>
<th>D. M.</th>
<th>D. P.</th>
<th>Height</th>
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<td>158 14</td>
<td>232</td>
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<td>Sup-end of point ......................</td>
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<td>158 14</td>
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<td>158 14</td>
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<td>158 15</td>
<td>525</td>
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<td>1762</td>
<td>158 17</td>
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<td>5</td>
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<td>158 19</td>
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<td>Yet-east end of cliff and beginning of sand beach</td>
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<td>158 21</td>
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<td>W. Fall ................................</td>
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<td>E. Fall ................................</td>
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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.
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. (a) 4082.

State . . . . S. W. Alaska ............................
General locality . . . . 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. F. Dell . . Lettered by . . . . G. H. Dell .......

Records accompanying sheet (check those forwarded): Photography, 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.