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Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: T. of Hawaii

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. B 4780

LOCALITY:

Hawaiian Islands

Lanai Island

Manele Bay

51
1921

CHIEF OF PARTY:

O. W. Swainson

DESCRIPTIVE REPORT

To Accompany

Sheet ^B~~T-58~~ B

Manele Bay, Lanai Is., T. H.

AUTHORITY

The area covered in this work was done in accordance with instructions dated August 19, 1930, Project #69.

GENERAL DESCRIPTION

This is a revision survey of Manele Bay, Lanai Island, T. H., on a scale of 1:5000. This bay is about 1/4 mile wide and indents the coast for about 1/4 mile. The most prominent landmark is Puu pehe Rock on the westerly side. This is a bare, brown precipitous rock, 90 feet in height and separated from the shore by a sand and rocky spit. The shoreline on the westerly side of the bay consists of bluffs, 100 ft. high, which decrease as they approach the head of the bay, where there is a sand and rocky beach. From the head of the bay to the easterly side the shoreline consists of bluffs which increase in height to an elevation of 280 ft., and which are very precipitous.

On the west side of the bay there is a cattle chute used to load live stock. There is an old wooden landing at the head of the bay which may have been used to load live stock onto a barge.

There are two important outlying rocks which are clearly shown on the sheet.

METHODS

The method of traverse, checked by resection cuts was used. As there were no triangulation stations that could be plotted on the sheet, an azimuth line from Puu Pehe to Kaea were used for orientation. There was no closing error.

P. L. Bernstein
P. L. Bernstein,
Lieut. (j.g.), C. & G. S.
U.S.C. & G.S.S. PIONEER.

Approved and forwarded:

O. W. Swainson
O. W. Swainson,
Lieut. Comdr., C. & G. S.,
Commanding PIONEER.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4780

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. _____ B _____

REGISTER NO. 4780

State _____ Hawaiian Islands _____

General locality _____ Lanai _____

Locality _____ Manele Bay _____

Scale _____ 1:5000 _____ Date of survey _____ March _____, 19~~2~~31

Vessel _____ U. S. C. & G. S. S. Pioneer _____

Chief of Party _____ O. W. Swainson _____

Surveyed by _____ P. L. Bernstein _____

Inked by _____ " _____

Heights in feet above _____ H. W. _____ to ground ~~to tops of trees~~

Contour, Approximate contour, Form line interval _____ 100 feet

Instructions dated _____ August 19 _____, 19~~2~~30

Remarks: _____