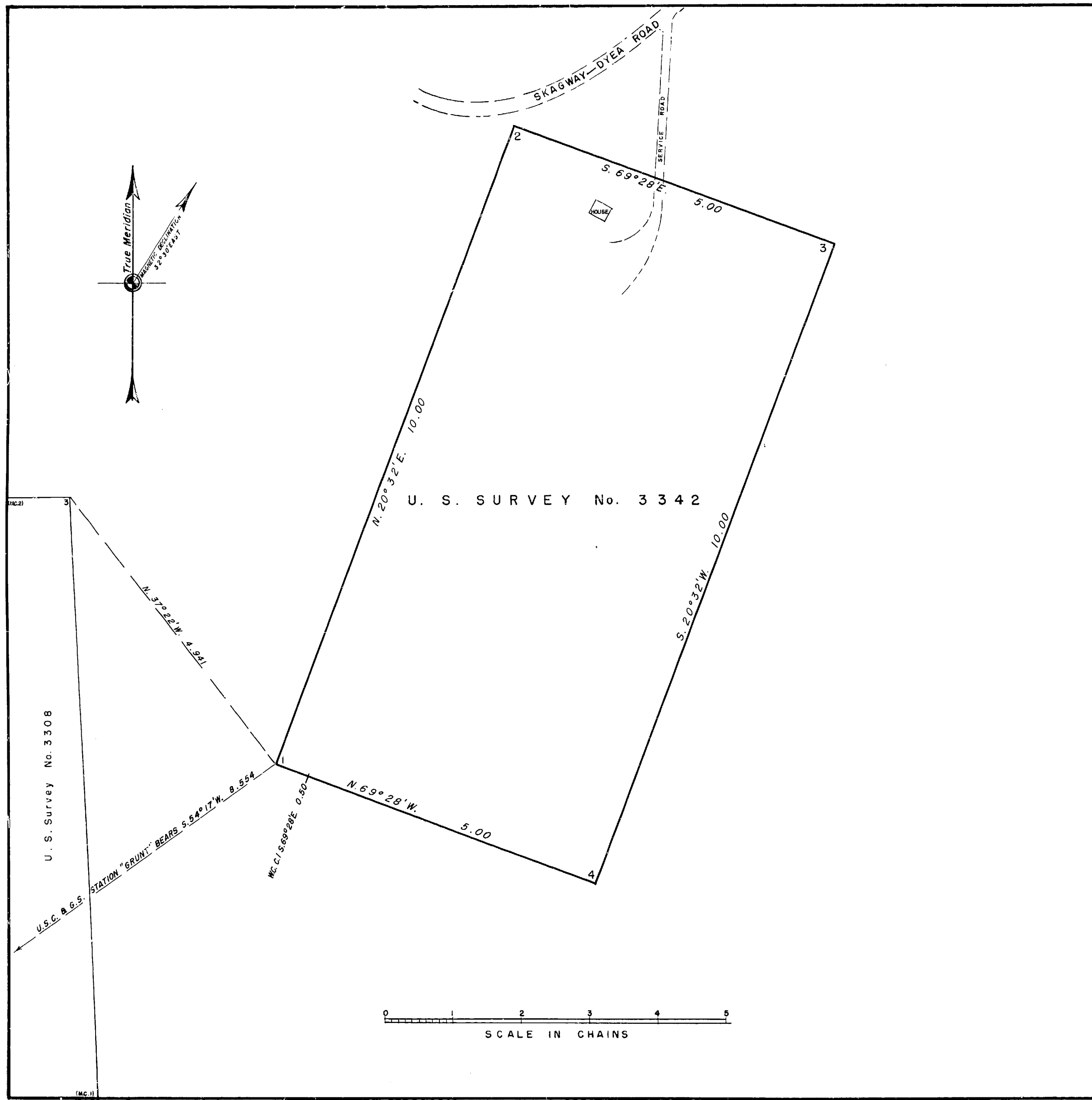


ORIGINAL



U. S. SURVEY  
No. 3342, ALASKA

SITUATED  
ABOUT 1 1/4 MILES NORTHWEST OF SKAGWAY, ALASKA  
ON THE SKAGWAY-DYEA ROAD

AREA: 5.00 ACRES

Latitude 59°28'09.34" N. Longitude 135°20'45.42" W.

(Computed from U. S. Coast and Geodetic Survey  
Station "Grunt")

AT CORNER NO. 1

SURVEYED BY  
JACK C. MEANS, CARTOGRAPHER (CADASTRAL)

June 15, 1954

UNDER SPECIAL INSTRUCTIONS  
Dated May 24, 1954  
And Approved May 27, 1954.

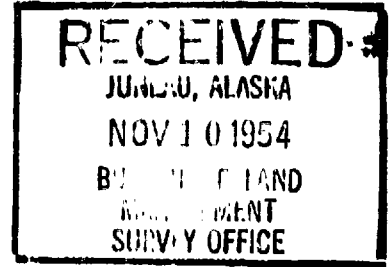
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
Washington, D. C., September 24, 1954

This plat is strictly conformable to the  
approved field notes, and the survey,  
having been correctly executed in accord-  
ance with the requirements of law and the  
regulations of this Bureau, is hereby  
accepted.

For the Director  
*Carl G. Harrington*  
Cadastral Engineering Officer

ORIGINAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



# FIELD NOTES

OF

U. S. SURVEY NO. 3342

SITUATED

ABOUT 1 1/2 MILES NORTHWEST OF SKAGWAY, ALASKA

ON THE SKAGWAY-DYEA ROAD

IN

Latitude 59° 28' 09.34" N. Longitude 135° 20' 45.42" W.  
(Computed from U. S. Coast and Geodetic Survey Station "Grunt")

AT CORNER NO. 1

Of the \_\_\_\_\_ Meridian,

In the ~~State of~~ \_\_\_\_\_ TERRITORY OF ALASKA

EXECUTED BY

JACK C. MEANS, CARTOGRAPHER (CADASTRAL)

Under special instructions dated May 24, 1954, which provided  
for the surveys included under ~~Group~~ U. S. Survey No. 3342, approved May 27, 1954  
and assignment instructions dated May 24, 1954

Survey commenced June 15, 1954

Survey completed June 15, 1954

- 1 -

## U. S. SURVEY NO. 3342

Chains

Survey commenced June 15, 1954 and executed with W. and L. E. Gurley transit serial No. 331237, of which the horizontal plate is read by double opposite verniers to single minutes of arc, which is also the least count on the vernier of the vertical circle. After satisfactory tests, the instrument was found free from appreciable error and was approved by the Area Cadastral Engineering Officer. Prior to beginning the survey, I examine the transit adjustments and find them correct.

All measurements are made with a narrow steel tape, 5 chains in length, graduated every link, with the first and last link to tenths. The tape was tested by comparison with a 1-chain standard steel tape and found correct. Measurements were taken on the slope and the vertical angles were ascertained by the vertical circle on the transit; the field notes show only the horizontal equivalents.

The geographical position is computed from the traversed tie to U. S. Coast and Geodetic Survey triangulation station "Grunt", the geographical position of which is latitude  $59^{\circ}28'06.09''$  N., longitude  $135^{\circ}20'54.29''$  W., 1927 North American Datum.

On June 15, 1954, near corner No. 2 in latitude  $59^{\circ}28'14.26''$  N., longitude  $135^{\circ}20'37.96''$  W., I take a series of altitude observations upon the sun for azimuth, with the telescope alternately in direct and reversed positions, observing the sun's center, and turning horizontal angles left from mark to sun.

Observation	Vertical Angle	Horizontal Angle	Time 135° Mer.
1	$33^{\circ}30'00''$	$104^{\circ}33'00''$	4:20 p.m.
6	$32^{\circ}44'00''$	$103^{\circ}10'00''$	4:26 p.m.
Mean	$33^{\circ}07'00''$	$103^{\circ}51'30''$	4:23 p.m.
2	$33^{\circ}24'00''$	$104^{\circ}21'00''$	
5	$32^{\circ}50'00''$	$103^{\circ}23'00''$	
Mean	$33^{\circ}07'00''$	$103^{\circ}52'00''$	
3	$33^{\circ}16'00''$	$104^{\circ}06'00''$	
4	$32^{\circ}58'00''$	$103^{\circ}36'06''$	
Mean	$33^{\circ}07'00''$	$103^{\circ}51'00''$	

Course to mark 1st observation	N. $3^{\circ}47'46''$ E.
Course to mark 2nd observation	N. $3^{\circ}48'16''$ E.
Course to mark 3rd observation	N. $3^{\circ}47'16''$ E.
Mean	N. $3^{\circ}47'46''$ E.

This meridian is carried to all lines of this survey by fore and back sights.

Magnetic declination is  $32^{\circ}30'$  East.

Begin at point for Cor. No. 1, which falls on steep westerly slope in loose rock at base of vertical rock cliff 60 ft. high. Impracticable to monument.

from which

Cor. No. 3, U. S. Survey No. 3308, which is monumented with a brass cap  $3\frac{1}{2}$  ins. diam., set in concrete in granite boulder  $4 \times 6$  ft., 4 ft. high, mkd. and witnessed as described in the field notes of U. S. Survey No. 3308, bears N.  $27^{\circ}22'$  W., 4.941 chs. dist.

U. S. Coast and Geodetic Survey triangulation station "Grunt", which is monumented with a brass cap  $2\frac{1}{2}$  ins. diam., set in concrete in bed rock, bears S.  $54^{\circ}17'$  W., 8.554 chs. dist.

## U. S. SURVEY NO. 3342

## Chains

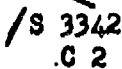
N. 20° 32' E.

Along steep westerly slope through dense timber.

10.00

Point for Cor. No. 2.

Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, to bedrock and in a mound of stone to top, with brass cap mkd.



S 3342  
C 2

1954

from which

A pine, 7 ins. diam., bears S. 44° E., 0.30 chs. dist., mkd.  
S 3342 C2 BT.A pine, 6 ins. diam., bears S. 5° W., 0.23 chs. dist., mkd.  
S 3342 C2 BT.

The most easterly cor. of a frame house 14x18 ft., long side extends N. 60° W., bears S. 49° 42' E., 1.906 chs. dist.

This corner is approximately 0.30 chs. south of the center of Skagway-Dyea road which bears NW. and NE.

S. 69° 28' E.

Ascend westerly slope through timber.

1.59

Crest of ridge bears N. 23° E. and S. 23° W., descend easterly slope.

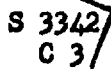
2.30

Centerline of service road, bears N. 3° 49' E. and S. 3° 49' W.

5.00

Point for Cor. No. 3, falls on bedrock, 3 ft. west of edge of rock cliff 20 ft. high.

Set a brass tablet, 3¼ ins. diam., 3½ ins. stem, in concrete, in drill hole, with top mkd.



S 3342  
C 3

1954

from which

A pine, 5 ins. diam., bears N. 77° 45' W., 0.445 chs. dist., mkd.  
S 3342 C3 BT.A pine, 4 ins. diam., bears S. 44° 45' W., 0.23 chs. dist., mkd.  
S 3342 C3 BT.

S. 20° 32' W.

Along easterly slope through dense pine timber.

8.13

Leave pine and enter alder and birch timber.

10.00

Point for Cor. No. 4.

Set an iron post, 28 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd.

U. S. SURVEY NO. 3342

Chains

S 3342  
C 4

1954

from which

A birch, 8 ins. diam., bears N. 10°15' E., 0.255 chs. dist., mkd. S3342 C4 BT.

A pine, 7 ins. diam., bears N. 57°15' W., 1.235 chs. dist., mkd. S3342 C4 BT.

N. 69° 28' W.

Ascending easterly slope through birch and alder.

3.30 Crest of ridge, bears N. 30° E. and S. 30° W., leave alder and birch, descend westerly slope through pine timber.

4.50 Point selected for witness Cor. No. 1, falls on bedrock at top of cliff 60 ft. high.

Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in concrete in drill hole, with top mkd.

W C  
S 3342  
C 1

1954

from which

A pine, 4 ins. diam., bears N. 49°45' E., 0.29 chs. dist., mkd. with a cross (x) at breast height and BT at crown root.

A pine, 6 ins. diam., bears S. 84° E., 0.10 chs. dist., mkd. with a cross (x) at breast height and BT at crown root.

4.53 Top of cliff 60 ft. high.

5.00 Point for Cor. No. 1, and place of beginning, containing 5.00 acres.

GENERAL DESCRIPTION

This survey is located on Dyea Point about 1 1/4 miles northwest of Skagway on the Skagway-Dyea Road and lies along the top of a high rocky ridge. With the exception of a small area near the house, it is covered with dense birch, spruce and pine timber, pine predominates. The soil is very light, being composed of sand and forest mould over rock.

4-680  
(Feb., 1950)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Walter W. Cooley	Cartographic Survey Aid
Robert Q. Pickering	Cartographic Survey Aid
Maurice R. Nelson	Cartographic Survey Aid

**CERTIFICATE OF CADASTRAL ENGINEER**

I, Jack C. Means, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 24th day of May, 1954  
I have surveyed U. S. Survey No. 3342, situated about 1 1/2 miles Northwest of Skagway,  
Alaska on the Skagway-Dyea Road

of the \_\_\_\_\_ Meridian, in the ~~State of~~ Territory of Alaska, which are  
represented in the foregoing field notes as having been executed by me and under my direction; and that  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for the  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

Juneau, Alaska  
June 23, 1954

Jack C. Means  
Jack C. Means  
Cartographer (Cadastral)

**CERTIFICATE OF APPROVAL**

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 24 1954, 19\_\_\_\_

The foregoing field notes of the survey of U. S. Survey No. 3342, situated about 1 1/2 miles  
Northwest of Skagway, Alaska on the Skagway-Dyea Road,

executed by Jack C. Means, Cartographer (Cadastral)

having been critically examined and found correct, are hereby approved.

Earl G. Harrington  
Chief, Division of Cadastral Engineering  
Cadastral Engineering Officer

**CERTIFICATE OF TRANSCRIPT**

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in Alaska  
\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Chief, Division of Cadastral Engineering.