



MEANDERS

No.	Course.	Dist. Chs.
1	N. 26° 00' W.	6.50
2	N. 2° 30' W.	4.40
3	N 23° 30' W.	4.80
4	N. 34° 30' W.	3.80
5	N. 40° 00' W.	9.30
6	S. 36° 15' W.	1.60
7	N. 45° 00' W.	1.40
8	N. 3° 00' W.	5.00
9	N. 00° 15' E.	7.30
10	N. 51° 15' E.	0.72
11	S. 40° 52' E.	12.50
12	S. 33° 47' E.	3.87
13	S. 6° 43' E.	3.00
14	S. 34° 30' E.	3.95
15	N. 89° 08' E.	3.55
16	S. 42° 36' E.	0.65
17	S. 12° 09' E.	5.56
18	S. 29° 15' E.	2.62
19	S. 57° 15' E.	4.20
20	S. 2° 30' W.	5.00
21	N. 83° 30' W.	8.00
22	S. 71° 30' W.	2.10
23	S. 24° 00' E.	2.00
24	S. 86° 00' E.	6.30
25	S. 56° 00' E.	14.60
26	N. 78° 15' E.	2.20
27	N. 6° 00' W.	12.15
28	N. 33° 00' W.	3.20
29	N. 87° 30' W.	2.95
30	N. 66° 14' W.	6.45
31	N. 44° 20' W.	4.00
32	N. 17° 02' W.	6.34
33	N. 6° 45' E.	7.72
34	N. 6° 37' W.	3.84
35	N. 24° 24' W.	2.42
36	N. 58° 35' W.	6.73
37	N. 43° 43' W.	2.50

P L A T
of
U. S. SURVEY No. 1285
of the
HOMESTEAD CLAIM
Executed under the provisions of the Act of
Congress, approved June 26, 1918.
of
W. D. BANEY
situate
On the East shore of Admiralty Island
Stephens Passage.
TERRITORY OF ALASKA
Latitude 58° 15' N., Longitude 134° 44' W.

Scale of 6 chs. to the inch
Variation 31° 15' E.
Area 90.625 acres.

As executed by
WOODBURY ABBEY, U.S.C.E.
May 26 - 27, 1922.

U.S. SURVEYOR GENERAL'S CERTIFICATE

Office of U.S. Surveyor General,
Juneau, Alaska, July 17, 1922.

The original field notes of U.S. Survey No. 1285, Homestead Claim of W. D. Baney, from which this plat has been made, have been examined and approved, and are on file in this office, and I hereby certify that they furnish such an accurate description of said claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects and permanent monuments as will perpetuate and fix the Locus thereof.

And I further certify that this is a correct plat of said claim, made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

Carl Stebbins
U. S. Surveyor General for Alaska.

RECEIVED
OFFICE OF SURVEYOR GENERAL,
NOMEAU, ALASKA.
JUN 2 1922.
ANSWERED

4-575

FIELD NOTES

~~XXXXXXXXXXXXXXXXXXXX~~

OF

U.S. SURVEY NO. 1295,

~~X~~ HOMESTEAD CLAIM OF

W.D. BANEY.

Latitude 58°15' N.

Longitude 134°44' W.

90 625 Acres

~~90 7500 Acres~~

~~XXXX~~

~~XXXXXX~~

In the ~~XXXXXX~~ TERRITORY OF ALASKA.

EXECUTED BY

WOODBURY ABBEY,

U.S. CADASTRAL ENGINEER,

In the capacity of U. S. Surveyor..., under Special Instructions dated May 21, 1919 and February 21, 1922, issued by the United States Surveyor General to govern surveys included in Group No. _____, which were approved by the Commissioner of the General Land Office, _____, 19 _____, and Assignment Instructions dated _____, 19 _____.

Survey commenced May 26, 1922, 19 _____

Survey completed May 27, 1922, 19 _____

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF *U.S. Survey 1785 - W.N. Bailey Homestead*

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1	S 43° 43' E	250		181	173	37 93		6865	
2	S 58° 35' E	673		351	574	4540		15935	
3	S 24° 24' E	242		220	100	5214		11478	
4	S 6° 37' E	384		381	44	5358		20414	
5	S 6° 45' W	772		767	91	5311		40735	
6	S 17° 2' E	634		606	186	5406		32760	
7	S 44° 20' E	400		286	280	5872		16793	
8	S 66° 14' E	645		260	591	6743		17534	
9	S 68° E	295		18	295	7629		1968	
10	S 33° E	320		268	174	8098		21703	
11	S 61° E	121		120	132	8488		101956	
12	S 78° 8' E	220		45	215	8313		100869	
13	N 56° W	60	37		11945	6903		37	
14	N 86° W	630	44		629	5079		57778	
15	N 24° W	200	183		81	4369		2235	
16	N 71½° E	210	67		199	4457		7995	
17	S 83° E	800		87	795	5451		3006	
18	N 2½° E	500	500		22	6298		31490	
19	N 57½° W	420	227		353	5967		13545	
20	N 29½° W	262	230		253	5456		12508	
21	N 12° 9' W	556	544		117	5241		28577	

FIELD NOTES OF U.S. SURVEY NO. 1295, ALASKA.

Survey commenced May 26, 1922, and executed by Woodbury Abbey, U.S. Cadastral Engineer, using Keuffel and Esser transit No. 20574, which was approved for this survey by the Assistant Supervisor of Surveys at Juneau, Ala.

The instrument is equipped with two double verniers, placed opposite each other and reading to single minutes of arc. This is also the least reading of the full vertical circle.

The observations for the determination of the Meridian were made by J. Frank Warner, U.S. Cadastral Engineer, using Bausch and Lomb light mountain transit No. 9565, on April 14, 1920. This instrument is equipped as described above and was approved for the survey in April 1920, when the original survey was made by Warner. The present survey is an enlargement of the original survey, by authority of the Commissioner of the General Land Office, who waived the restriction as to length of the claim along the shore line, and authorized a new survey.

All measurements were made with a five chain steel tape reading to single links in the first hundred, and to every ten links thereafter. Angular measurements were read with the transit, and horizontal measurement reduced from these angles.

At a point on the East shore of Admiralty Island, about 1/4 of a mile West of Colt Island, which is designated by the homesteader as the NE. corner of his claim, a meridian was established by J. Frank Warner, and as the sky was overcast during the survey I used the old determination as correct and was unable to check it. The Scientific data is given below:-

Mean time of observation, 4h45m pm, April 14, 1920.

1st Obs.	Alt. 17°04'	turn left to mark	23°51'
2nd "	" 16 12	" " "	25 20
3rd "	" 15 35	" " "	26 55
4th "	" 15 15	" " "	-
5th "	" 10 12	" " "	35 10

Solution by formula

$$\cos \angle PZS \text{ equals } \sqrt{\frac{\sin \frac{1}{2} S \times \sin(\frac{1}{2} S - \text{codecl})}{\sin \text{Coalt} \times \sin \text{mark} \text{ colat.}}$$

where S equals codecl + coalt + colat.

Solution of 1st observation,

31°45'00"	colat	A.C. sin	0.278838
72 59 00	coalt	"	0.019443
80 23 35			
2) 185 07 35			
92 33 47	- S		
80 23 35	- 1/2 S - codecl.	Sin	9.999761
12 10 12		"	9.323897
		2) 18.621938	
			9.810969

49°41'30"

99 23 00 equals S. 80°37'W., course to Sun
23 51 Sun to mark
S. 56°46'W bearing to mark.

FIELD NOTES OF U.S. SURVEY NO. 1285, ALASKA.

Chains.	1st obs. gives	56°46'
	2nd " "	56 44'
	3rd " "	56 45
	5th " "	56 46

The mean of which is 56°45'.

The magnetic bearing of the true meridian is 31½°W., which gives a magnetic variation of 31½°E.

I begin at the true point for M C 1 at ordinary high tide mark of Stephens Passage. The shore line for half mile North is low and heavily timbered with poor timber, scarcely fit for sawmill..

West, over level land.

- .43 At point noted above as station for observation, Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for witness cor. to M C No.1, marked on cap

WC
S 1285 from which, a spruce, 16 ins. diam., bears
MC 1 N. 78°W., 58 lks. dist., marked
WC S1285 MC 1 BT
1922

A spruce, 14 ins. diam., bears
S. 2° E., 60 lks. dist., marked
WC S1285 MC 1 BT

- 2.50 Enter heavy timber, bears N. and SW.
A double house of J. W. D. Baney, bears South 150 lks. dist.
14.30 Creek, 8 lks. wide, course SE.
15.00 Ascend slightly rolling land 40 ft. to
18.10 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground for cor. 2, marked on cap

S 1285 from which,
C 2 A hemlock, 8 ins. diam., bears N. 47°E.,
28 lks. dist., marked C 2 S 1285 BT
1922

A hemlock, 12 ins. diam., bears S. 53°E.,
4 lks. dist., marked C 2 S 1285 BT

Land, level and rolling.
Soil, gravelly, 3rd rate.
Timber, spruce and hemlock.
Undergrowth, willow, alder, berry and devilclub.

South, along West Boundary.

Over rolling land, draining East, through heavy timber and dense brush.

- 16.20 Spring branch, 2 lks. wide, course East.
24.40 " " 2 " " " N. 70°E.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for cor. 3, marked on cap

S 1285 from which,
C 3 A hemlock, 16 ins. diam., bears
1922 N. 2° W., 21 lks. dist., marked
C 3 S 1285 BT

A hemlock, 15 ins. diam., bears S. 18½° W., 24 lks. dist.,
marked C 3 S 1285 BT

FIELD NOTES OF U.S. SURVEY NO. 1285, ALASKA.

Chains.

Land, rolling,
Soil, gravelly, 2nd rate.
Timber, hemlock and spruce.
Undergrowth, willow, alder, berry and devilclub.

East, on South Boundary.

Descend gradual East slope, through heavy timber and dense brush.

21.00 Leave timber and brush, bears N. and SE.

21.80 Creek, 5 lks, wide, course NE.

22.00 Ordinary high tide mark.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for cor. 4 MC, marked on cap

S 1285 from which,
C 4 MC A hemlock, 20 ins. diam., bears S. 87° W.,
175 lks. dist., marked S 1285 C4 MC BT

1922

A hemlock, 56 ins. diam., bears S. 16° E., 246 lks. dist., marked S 1285 C4 MC BT

Land, rolling.
Soil, gravelly, 2nd rate.
Timber, hemlock and spruce.
Undergrowth, alder, willow, berry and devilclub.

Thence Meandering along ordinary high tide line, 100 ft. below edge of timber.

- Nx 26° W., 50
- N. 85° W., 6.57 chs. At .20, mouth of creek, 6 lks. wide, from SW.
- N. 24° W., 4.40 " At 3.00, mouth of lagoon on East.
- N. 23 1/2° W., 4.80 " At 1.30, mouth of creek 4 lks. wide, from W.
- N. 34 1/2° W., 3.80 "
- N. 39 1/2° W., 9.20 30 " At 6.90 chs., creek 3 lks. wide, from SW.
- S. 38 1/2° W., 1.60 "
- N. 45° W., 1.40 " At .40, creek, 3 lks. wide, from SW.
- N. 3° W., 5.00 " At .30, creek, 3 lks. wide, from West.
- N. 1/2° E., 7.30 " At 7.00 spring branch, 1 lk. wide, from West SW.
- N. 51 1/2° E., .72 " At 10 lks., cross mouth of stream 20 lks. wide, from NW.
- S. 49° 52' E., 12.50 " This stream is at the head of the lagoon, and supplies water for the homestead.
- S. 43° 47' E., 3.87 " At 3.80, spring branch 1 lk. wide, from NE.
- S. 33.47' E., 3.00 " At 10 lks., spring branch 1 lk. wide, from NE.
- S. 6° 43' E., 3.00 " Along grassy shore.
- S. 34° 30' E., 3.95 "
- N. 89° 08' E., 3.55 "
- S. 52° 36' E., 0.65 "
- S. 12° 09' E., 5.55 "
- S. 29° 15' E., 2.82 62 "
- S. 57° 15' E., 4.20 "
- S. 2° 30' W., 5.00 " At 2.10 chs., N. end of dyke, 4 ft. high. Continue along W. side of dyke.

FIELD NOTES OF U.S. SURVEY NO. 1285, ALASKA.

N. 83°^{30'}45'W., 8.00 chs., from S. end of dyke along N. side
 of spit.
 S. 71°30'W., 2.10 " to point of spit.
 S. 24°00'E., 2.00 " across end of spit at mouth of
 lagoon.
 S. 86°00'E., 6.30 " along Stephens Passage.
 S. 56°00'E., 14.70⁶⁰ " to end of peninsula.
 N. 78°15'E., 2.20 " across point.
 N. 6°40'00'W., 12.10⁵ " gravel beach.
 N. 33°00'W., 3.20 " below perpendicular rock bluff,
 25 ft. high.
 N. ~~87°~~^{87°}20'W., ~~2.95~~ " gravelly shore.
 N. 64°14'W., 6.45 " *N. 66°14'W*
 N. 44°20'W., 4.00 "
 N. 17°02'W., 6.34 "
 N. 6°45'E., 7.72 "
 N. 6°37'W., 3.84 "
 N. 24°24'W., 2.42 "
 N. 58°35'W., 6.73 "
 N. 43°~~22~~ 43'W., 2.50 " to true point for cor. 1 MC., and
 point of beginning. Containing
~~90.7344 Acres~~ 70.625 Acres

Land, gravelly and grassy shore, backed by timber and
 crush.

Soil, gravelly, 2nd rate.

 From true point for Cor. 1, MC, by traverse,

S. 43°43' E., 2.50 chs.
 S. 58°35' E., 6.73 "
 S. 35°21' E., 2.07 " to a point which is S. 51°2'E.,
 of Cor. 1, MC. 11.15 Chs. to
 U.S.L.M. N° 1285

At this point, I cut a cross(+) on a granite boulder,
 14x12x6 ft. above ground, for U.S.L.M., marked
 U S L M above cross and S 1285 below cross, from
 which

A spruce, 14 ins. diam., bears S. 68° W., 123 lks. dist.,
 marked USLM S 1285 BT

GENERAL DESCRIPTION.

The Eastern portion of this claim is formed mostly by the
 action of the sea and wind on the beach, raising a bank of gravel
 parallel to the shore about two chains wide, and making a lagoon
 back of it, which is filled twice daily by the high tides. The
 tide here is about 16 ft. average. At each low water the lagoon is
 entirely drained, and the creek runs through it in a slightly
 deeper cut.

The lower end of the peninsular, and the spit which extends
 west from the lower end, form the best agricultural land, and this
 is almost all in cultivation.

The Western portion of the claim is rolling land, heavily
 timbered with spruce and hemlock. There is a strip of timber
 which runs down the peninsular. The timber is of little market
 value.

The creek at the North end of the claim affords the only
 good water. This is clear and cold.

Woodbury Atkey

U.S. Cadastral Engineer.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Woodbury Abbey, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Alaska bearing date of Nov. 21, 1919, and reissued ~~on the 21st~~ the 21st day of February 1922, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of U.S. Sur. No. 1285 in the Territory of Alaska,

~~in the Territory of Alaska~~ which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Alaska and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Juneau, Alaska. June 1, 1922.

Woodbury Abbey, U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Juneau, Alaska, July 17, 1922, 191

The foregoing field notes of the survey of U.S. Survey No. 1285, Homestead Claim of W. D. Barsey,

executed by Woodbury Abbey, U.S. Cadastral Engineer,

under his special instructions dated Nov. 21, 1919 and Feb. 21, 1922, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Carl Smith, U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General