# C T T U.S. SURVEY No. 3748 U.S. SURVEY NO. 3745 Þ W.C. M.C. N. 160 00' W. 1.745 < M Æ GRAVEL ROAD LUTAK INLET · COPPERWELD SURVEY MARKER

Magnetic

declination 30°E.

J.E.Jr.

O BRASS CAPPED IRON POST

### U.S. SURVEY No. 3748, ALASKA

#### SITUATED

ON THE NORTHERLY SHORE AT THE NORTHWEST END OF LUTAK INLET AND ALONG THE LEFT BANK AT THE MOUTH OF CHILKOOT RIVER ABOUT 10 MILES NORTHWESTERLY OF HAINES, ALASKA ADJOINING U. S. SURVEY NO. 3745

Approximate Geographic Position

Latitude 59° 19½' N.

Longitude 135° 33' W.

AREA: 11.63 ACRES

Executed By

CLAUD M. HOFFMAN, CARTOGRAPHIC SURVEY AID

September 30, 1959

Under Special Instructions Dated September 24, 1959 and Approved September 29, 1959

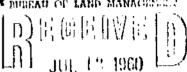
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT June 2, 1960 Washington, D. C.

This plat is strictly conformabl: to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

Cadastral Engineering Staff Officer

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT.

BUREAU OF LAND MANAGEMENT



## FIELD NOTES

OF

CADASTRAL SHRVEY OFFICE Ancherage, Aluska

U.S. SURVEY NO. 3748					
PUBLIC SERVICE SITE					
SITUATED					
ON THE NORTHERLY SHORE AT THE NORTHWEST END OF LUTAK INLET  AND					
ABOUT 10 MILES NORTHWESTERLY					
OF .					
HAINES, ALASKA					
ADJOINING U.S. SURVEY NO. 3745					
IN					
APPROXIMATE GEOGRAPHIC POSITION					
LATITUDE 59°19% N. LONGITUDE 135°33' W.					
Of the Meridian,					
In the State of					
EXECUTED BY					
CLAUD M. HOFFMAN, CARTOGRAPHIC SURVEY AID					
Under special instructions dated SEPTEMBER 24, , 19 59, which provided					
for the surveys included under Group No. 3748 approved SEPTEMBER 29, 1959					
and assignment instructions dated SEPTEMBER 24, , 19.59					
Survey commenced SEPTEMBER 30, , 1959					
Survey completed SEPTEMBER 30, 19.59					

#### Chains

Survey commenced September 30, 1959 and executed with a W. and L. E. Gurley transit, Serial No. 591574, which is constructed in accordance with the standard instrument specifications of the Bureau of Land Management. After satisfactory tests the instrument was found free from appreciable error.

All measurements were made with a 1/8 in. steel tape, 3.50 chains long, graduated every link, with the first link graduated to tenths of a link. The tape was compared with a 66 ft. standard steel tape and found correct.

All measurements were made on the slope with the vertical angle of each interval measured with the transit circle and the horizontal equivalents entered in the field note record.

The geographic position is scaled from the U.S. Geological Survey Quadrangle titled "Skagway B-2" and recorded to the nearest half minute in this field note record as latitude 59°19½\* N., longitude 135°33' W.

The azimuth for this survey was determined from line 1-2, U.S. Survey No. 3745, as this line is identical to a portion of line 1-2. The record bearing of this line is N. 16°00' W. This azimuth is carried to all parts of the survey by taking the mean of direct and reverse deflection angles at each instrument station.

The magnetic declination is 30° E.

Begin at point for meander cor. No. 1, identical with meander cor. No. 1, U.S. Survey No. 3745, on the northwesterly shore of Lutak inlet, unsafe place for monument.

N. 16°00' W., on line 1-2, identical with line 1-2, U.S. Survey No. 3745.

Ascend 10 ft. over gravelly and sandy shoreline.

0.94 Approximate center line of gravel road bears East and West.

Point established for the witness meander cor. No. 1, identical with the witness meander cor. No. 1, U.S. Survey No. 3745, monumented with a regulation brass capped iron post  $2\frac{1}{2}$  ins. diam., showing 2 ins. above the ground, firmly set, mkd. and witnessed as described in the field notes of U.S. Survey No. 3745. I add mks. to cap to now read

1959

No additional bearing objects taken.

Thence enter spruce and birch vimber.

2.34 | Base of steep southerly slope.

Thence ascend 55 ft.

Top of steep slope, thence over nearly level land, through hemlock and spruce timber.

3.68

U.S. SURVEY NO.	3/40
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	U.S. SURVEY NO. 3748			
Chains				
5.10	Cor. No. 2, U.S. Survey No. 3745, monumented with a regulation brass capped Iron post, 25 ins. dlam., showing 2 ins. above the ground, firmly set, mkd. and witnessed as described in the field notes of U.S. Survey No. 3745. I add mks. to cap to now read			
	\$3748 \S3745 PSS C2			
	1959			
No additional bearing objects taken.				
	Thence ascend 75 ft. over gentle to rolling southerly slope, through hemlock and spruce timber.			
15.60	Point for cor. No. 2.			
,	Set a copperweld survey marker, 36 lns. long, with a 1½ in. brass cap, 28 ins. In the ground, with brass cap mkd.			
	s3748 <sup>\</sup>			
<u> </u> 	C2 P.S.S.			
	1959			
	from which			
	A hemlock, 10 ins. dlam., bears S. 55° W., 50½ lks. dist., mkd. PSS 53748 C2 BT.			
	A spruce, 10 ins. diam., boors N. 35° W., 12 iks. dist., mkd. S 3748 C2 BT.			
	S. 74°00' W., on line 2-3.			
	Over nearly level land, through hemlock and scattered spruce timber with dense berrybush undergrowth.			
2.40	Descending 140 ft. over steep westerly slope, through open hemlock and spruce timber.			
8.292	Point established for the witness meander cor. No. 3.			
	Set a copperweld survey marker, 36 lns. long, with a $1\frac{1}{2}$ in, brass cap, 30 ins. in the ground, with brass cap mkd.			
	WC .			
	MC \( \s3748 \) C3 PSS			
	1959			
	from which			
	A spruce, 5 ins. diam., bears S. 5° E., $46\frac{1}{2}$ lks. dist., mkd.			
	X at breast height and BT at base.			
	A spruce, 10 ins. diam., bears S. 55° E., 51 lks. dist., mkd.  X at breast height and BT at base.			
1				

8.50

Leave timber, thence over nearly level grass land.

U.S. SURVEY NO. 3748

#### Cha Ins

#### 9.04

Point for meander cor. No. 3, on the easterly bank or Chilkoot River, at mean high water of Lutak inlet, unsafe place for monument.

Thence downstream, along the easterly bank of Chilkoot River, with the meanders of mean high water, of Lutak inlet.

Over nearly level sandy and gravelly bank.

- S. 29°39' E., 5.76 chs.
- S. 9°53' E., 3.15 chs.
- S. 10°20'E., 3.77 chs.

At 0.33 chs., intersect easterly and of bridge and gravel road, thence over bridge.

At 0.42 chs., center line of bridge, at easterly end, extends \$.86°52' W., 3.35 chs. Gravel road bears N. 87° E. 0.60 chs., thence \$. 60° E.

At 0.51 chs., leave bridge, thence over gravelly and sandy shore line.

At 3.77 chs., end of course, leave bank, defined and formed by Chilkoot River, thence continue meanders of Lutak Inlet.

- S. 84°27° E., 2.61 chs.
- \$. 83°35' E., 3.89 chs.
- N. 89°27' E., 2.47 ch .

At end of course, point for meander cor. No. 1 and point of beginning, containing 11.63 acres.

#### GENERAL DESCRIPTION

The land within the survey, in the northeast portion, lies on a spur, extending southwesterly to the gravel road which traverses through the survey at the edge of timberline.

The soil in the northeasterly portion is a mixture of forest mold and sandy loan, with sand and gravel in the area along the shoreline of Lutak inlet. Black muck is present along the bank of Chilkoot River, which is subject to tidal actions.

There are no improvements within the survey. Timber consists of spruce and hemiock.

#### FIELD ASSISTANTS

NAMES CAPACITY			
	CARTOGRAPHIC SURVEY AID		
CLIFFORD L. MCKAY			
EDWARD W. MAKI	CARTOGRAPHIC SURVEY AID		
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CLAUD M. HOFF	MAN	, HERESY CI	RTIFY upon hono	r that, in
instructions beari	ng date of the $2k$	th day of SEPTEN	BER	19 <u>59</u> .
S. SURVEY NO.	3748, PUBLIC	SERVICE SITE SI	THATED ON THE	MORTHERL
ORTHWEST END	OF LUTAK INLI	ET. AND ALONG THE	LEFT CANK AT	THE
OOT RIVER. AD	OUT 10 MILES	NORTHWESTERLY OF	HAINES ALAS	<u> </u>
SURVEY NO. 3	745. IN APPRO	DXIMATE GEOGRAPHI	C POSITION LA	TITUDE
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81960	<u> Ola</u> o	<u> </u>	Town	
				AID
<u> </u>	CLAUD M			AIU
(	CERTIFICATE O	F APPROVAL	-	
	BURE	AU OF LAND MANAGI	EMENT,	
	Washi	agton, D. C.,J	UN 2 1980	_ , 19
g field notes of th	he survey of U-S	SURVEY NO. 374	8. PUBLIC SERV	ICE SITE
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ASKA. ADJOINI TUDE 59°195' CLAUD M. HOFF	NG U.S. SURVE N. LONGITUDE MAN. CARTOGRA	Y NO. 3745, IN A		
ASKA. ADJOINI	NG U.S. SURVE N. LONGITUDE MAN. CARTOGRA	Y NO. 3745, IN A		
	Metructions board  S. SURVEY NO.  ORTHWEST END  OOT RIVER, ASSURVEY NO. 3  SURVEY NO. 3  GITUDE 135"3  Meregoing field notes in made in strict of the United	Meridian, in the States, and  CERTIFICATE OF LUTAK  CLAUD M  CERTIFICATE  CE	Meridian, in the State of Meridian, in the State of ALASKA regoing field notes as having been executed by me and a made in strict conformity with said instructions, the Meridian of the United States, and in the specific manner  CLAUD M. HOFFMAN, CARTOL  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Meridian, in the State ofALASKA

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