

# TOWNSHIP 41 SOUTH, RANGE 67 EAST, OF THE COPPER RIVER MERIDIAN, ALASKA

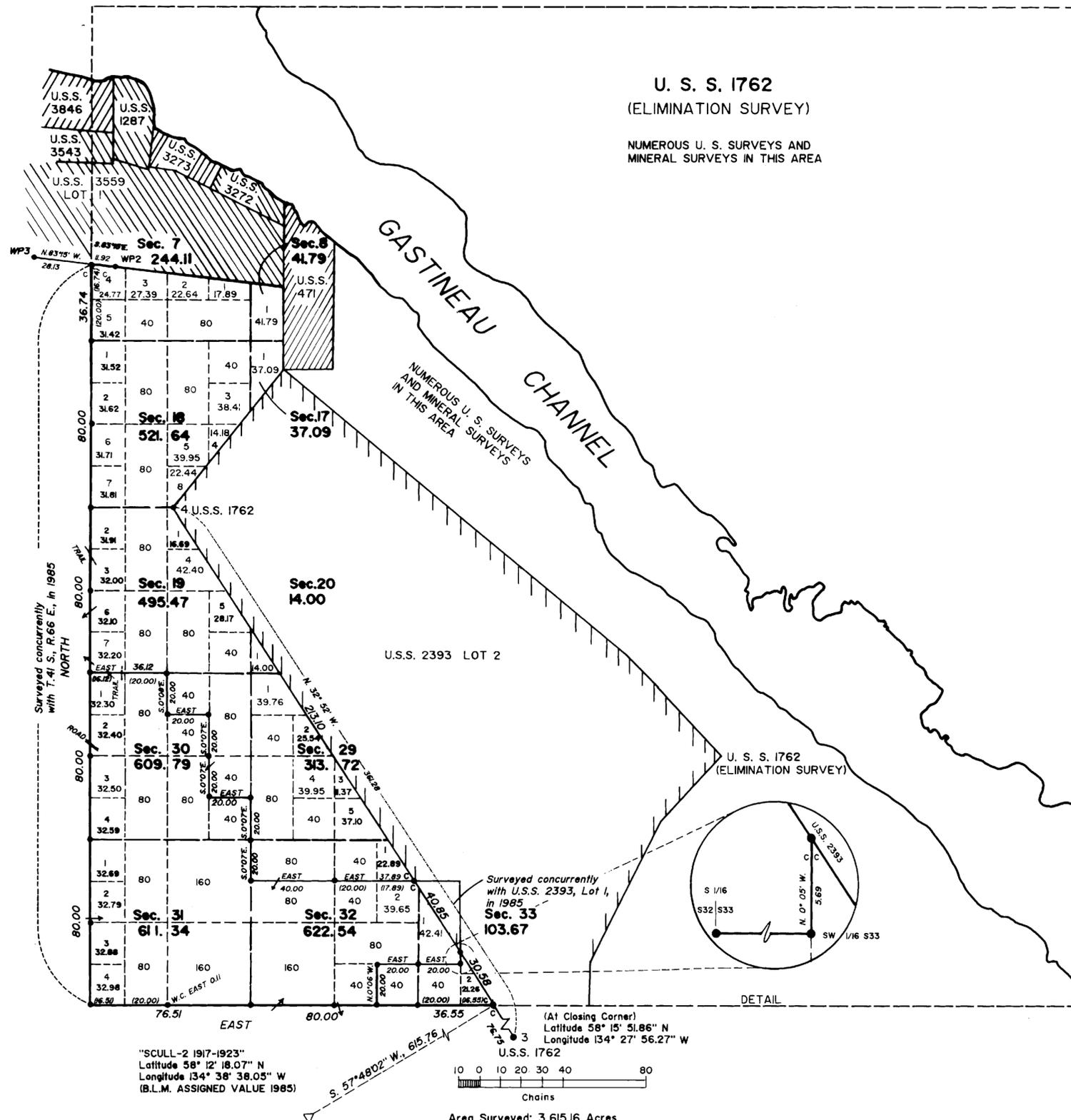
The history of surveys is included in the field notes.

This plat and the field notes represent the survey of the south boundary, a portion of the subdivisional lines, and partial subdivision of selected sections of Township 41 South, Range 67 East, Copper River Meridian, Alaska. The subdivisional lines are surveyed by protraction as shown on this plat.

This survey was executed by Donald P. Fordney, Registered Alaska Land Surveyor for Pool Engineering, Inc., June 12 through November 1, 1985, in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions for Group No. 425, Alaska, dated June 8, 1984, approved July 11, 1984, Supplemental Special Instructions dated September 3, 1985, approved September 3, 1985, and Contract No. YA551-CT4-340100 dated September 27, 1984.

## U. S. S. 1762 (ELIMINATION SURVEY)

NUMEROUS U. S. SURVEYS AND  
MINERAL SURVEYS IN THIS AREA



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Anchorage, Alaska

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

For the Director

*Horace D. Jander* June 14, 1990  
Deputy State Director for Cadastral Survey, Alaska.  
Acting

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE SURVEY OF

THE SOUTH BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES,

AND PARTIAL SUBDIVISION OF SELECTED SECTIONS

TOWNSHIP 41 SOUTH, RANGE 67 EAST,

Of the COPPER RIVER Meridian,

In the State of ALASKA

EXECUTED BY

Donald P. Fordney, Registered Alaska Land Surveyor No. 5467,

for Pool Engineering, Inc.

Under special instructions dated June 8, 19 84, approved July 11, 1984,

supplemental special instructions dated September 3, 1985, approved September 3,  
1985, and Contract No. YA551-CT4-340100 dated September 27, 1984,

which provided for the surveys included under ~~USGS Survey~~/Group  
Number 425, and assignment instructions dated \_\_\_\_\_, 19\_\_\_\_.

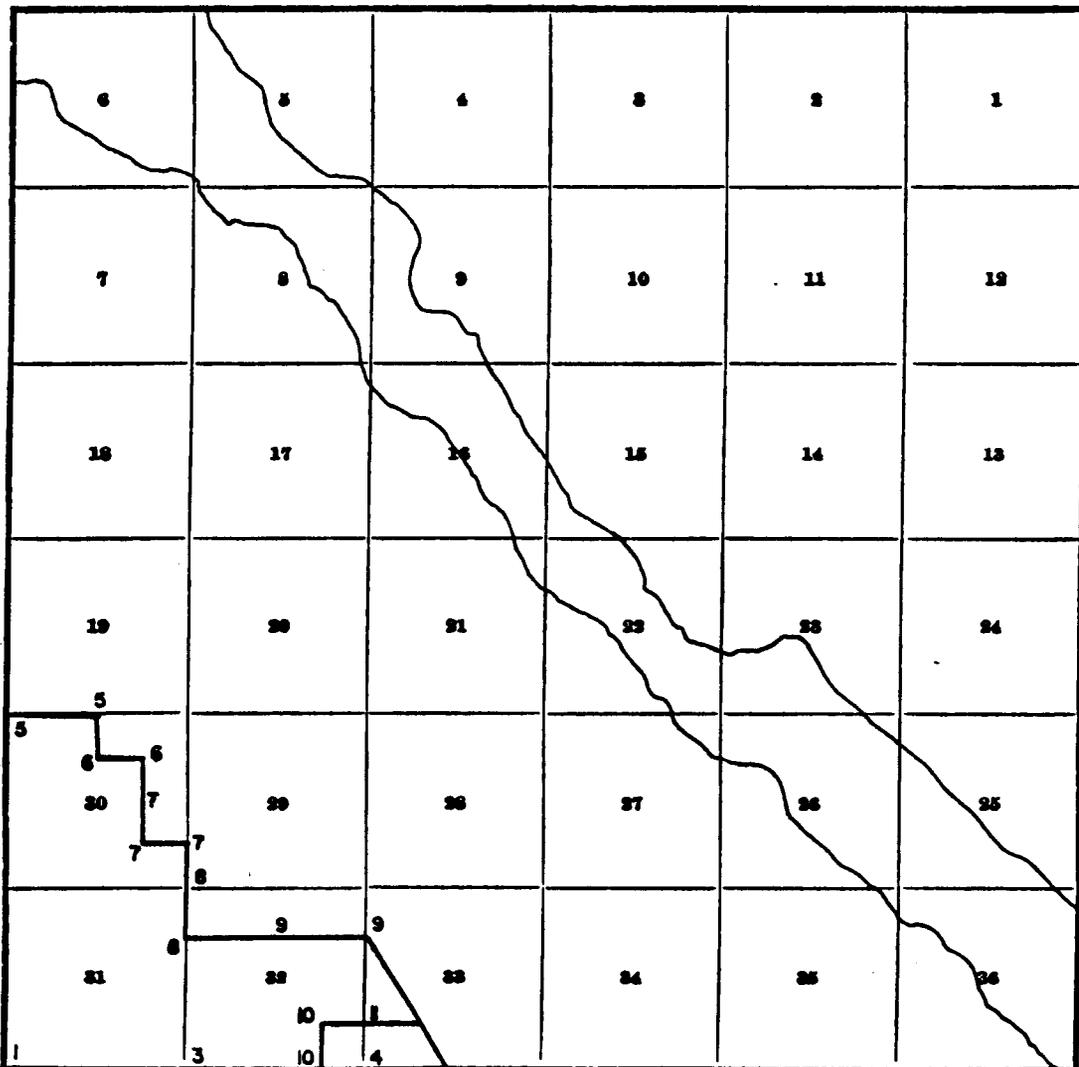
and Notice to Proceed dated June 12, 1985.

Survey commenced June 12, 19 85

Survey completed November 1, 19 85

# INDEX DIAGRAM

Township 41 S., Range 67 E.



T. 41 S., R. 67 E., Copper River Mer., Alaska

CHAINS	<p>The following field notes are those of the survey of the South boundary, a portion of the subdivisional lines, and partial subdivision of selected sections of Township 41 South, Range 67 East, Copper River Meridian, Alaska.</p> <p>U. S. Survey No. 471 was surveyed by Roy D. Pickett, U. S. Deputy Surveyor, in 1915.</p> <p>U. S. Survey No. 1762 (Juneau Townsite Elimination) was surveyed by E. C. Guerin, Cadastral Engineer, in 1927.</p> <p>U. S. Survey No. 2393, located within U. S. Survey No. 1762, was surveyed by F. W. Williamson, Associate Cadastral Engineer, in 1939-1942, and was subdivided concurrently by Donald P. Fordney, Registered Alaska Land Surveyor, for Pool Engineering, Inc., under Supplemental Special Instructions dated June 11, 1984.</p> <p>U. S. Survey No. 3559 was surveyed by Robert Q. Pickering, Cartographic Survey Aid, in 1958-1961.</p> <p>Numerous other U. S. Surveys and Mineral Surveys are located in the area.</p> <p>This survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, the <u>Special Instructions for Group No. 425, Alaska</u>, dated June 8, 1984, <u>Supplemental Special Instructions</u> dated September 3, 1985, and <u>Contract No. YA551-CT4-340100</u> dated September 27, 1984.</p> <p>The azimuth was determined from U. S. Coast and Geodetic Survey control stations located throughout the area, and refers to the true meridian.</p> <p>The corner positions of this survey were established at their protracted positions by using pre-computed bearings and distances from horizontal control stations. Lines were then surveyed between corners. The protracted corner positions are based upon official Bureau of Land Management protraction diagram CR-12-13.</p> <p>The geographic position of the closing corner of sections 4 and 33, on Line 1-11, Lot 2, U. S. Survey No. 2393, is:</p> <p>Latitude 58° 15' 51.86" N. Longitude 134° 27' 56.27" W.</p> <p>The mean magnetic declination, as taken from National Oceanic and Atmospheric Administration Chart No. 17315, published in 1985, is 28° E.</p> <hr/> <p style="text-align: center;">S. Bdy. of T. 41 S., R. 67 E., Copper River Mer., Alaska</p> <hr/> <p>Beginning at the cor. of Tps. 41 and 42 S., Rs. 66 and 67 E., monumented with an alum. rod, 3/4 in. diam., set, mkd., and witnessed as described in the field notes of T. 41 S., R. 66 E., surveyed concurrently.</p> <p>East, bet. secs. 6 and 31.</p> <p>Desc. over mountainous terrain.</p> <p>17.17 West bank of Cropley Lake, bears NE and SW.</p> <p>26.19 East bank of Cropley Lake, bears NE and SW; asc. over mountainous terrain.</p>
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S. Bdy of T. 41 S., R. 67 E.  
Copper River Mer., Alaska

CHAINS	
32.33	Eagle Crest water line, iron pipe, laying on top of ground, 8 ins. diam., bears N. 62° E. and S. 62° W.
36.51	True point for the 1/4 sec. cor. of secs. 6 and 31, falls in a spruce tree, 30 ins. diam., impracticable to monument.
36.62	Point selected for the witness cor. to the 1/4 sec. cor. of secs. 6 and 31.
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, encircled by a rock collar, 1 1/2 ft. diam., with alum. cap mkd.
	$\begin{array}{c} \text{WC} \\ \text{T 41 S R 67 E} \\ \text{1/4} \frac{\text{S 31}}{\text{S 6}} \\ \text{T 42 S} \end{array}$
	1985
	from which
	A hemlock, 16 ins. diam., bears N. 26 1/2° E., 178 lks. dist., mkd. X BT.
	A hemlock, 9 ins. diam., bears S. 63 1/2° E., 57 lks. dist., mkd. X BT.
	Cor. is located on a NW slope among spruce and hemlock.
	Asc. over mountainous terrain.
63.49	Eagle Crest Ski Lift, bears N. and S.
67.55	Top of ascent; desc. over NE slope.
76.51	Point for the cor. of secs. 5, 6, 31 and 32.
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground to bedrock, encircled by a mound of stone, 3 ft. base, 1 ft. high, with alum. cap mkd.
	$\begin{array}{c} \text{T 41 S R 67 E} \\ \text{S 31   S 32} \\ \hline \text{S 6   S 5} \\ \text{T 42 S} \end{array}$
	1985
	from which
	A hemlock, 6 ins. diam., bears N. 53° E., 27 lks. dist., mkd. T41S R67E S32 BT.
	A spruce, 12 ins. diam., bears S. 65° E., 96 lks. dist., mkd. T42S R67E S5 BT.
	A hemlock, 6 ins. diam., bears S. 18° W., 55 lks. dist., mkd. T42S R67E S6 BT.
	A hemlock, 7 ins. diam., bears N. 17° W., 24 lks. dist., mkd. T41S R67E S31 BT.
	Cor. is located on the north edge of an old slide area among hemlock and spruce.

S. Bdy. of T. 41 S., R. 67 E.,  
Copper River Mer., Alaska

CHAINS	<p>Land, mountainous. Soil, thin rocky. Timber, hemlock and spruce.</p>
	<p>East, bet. secs. 5 and 32. Desc. over mountainous terrain.</p>
12.42	<p>Ravine with small creek, 3 lks. wide, course NE; continue to desc. over mountainous terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 5 and 32. Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 28 ins. in the ground with alum. cap mkd.</p>
	<p style="text-align: center;">T 41 S R 67 E 1/4 <math>\frac{S 32}{S 5}</math> T 42 S  1985</p>
	<p>from which</p> <p style="padding-left: 40px;">A hemlock, 12 ins. diam., bears N. 10° E., 19 lks. dist., mkd. 1/4 S32 BT.</p> <p style="padding-left: 40px;">A hemlock, 9 ins. diam., bears S. 66° E., 97 lks. dist., mkd. 1/4 S5 BT.</p> <p>Cor. is located 38 lks. S. of a creek, 9 lks. wide, course E., on an E. slope.</p> <p>Desc. over Valley floor.</p>
40.77	<p>Creek, 18 lks. wide, course SE; asc. over moderate slope.</p>
60.00	<p>Point for the E. 1/16 sec. cor. of secs. 5 and 32. Drive an alum. rod, 36 ins. long, 3/4 in. diam., 24 ins. in the ground, with the bottom 8 ins. driven into a crack in bedrock, with alum. cap mkd.</p>
	<p style="text-align: center;">E 1/16 <math>\frac{S 32}{S 5}</math>  1985</p>
	<p>from which</p> <p style="padding-left: 40px;">A hemlock, 26 ins. diam., bears N. 17° E., 54 lks. dist., mkd. E 1/16 S32 BT.</p> <p style="padding-left: 40px;">A rock outcrop, 3 x 4 x 3 ft. above the ground, bears S. 72° E., 140 lks. dist., mkd X BO on W. face.</p> <p>Cor. is located on a steep W. slope.</p>
61.36	<p>Ravine, drains S. 35° W.; continue asc. over steep mountainous terrain.</p>
80.00	<p>Point for the cor. of secs. 4, 5, 32 and 33. Drive an alum. rod, 4.2 ft. long, 3/4 in. diam., 3.3 ft. in the ground, with alum. cap mkd.</p>

S. Bdy. of T. 41 S., R. 67 E.,  
Copper River Mer., Alaska

CHAINS

T 41 S R 67 E  
 $\frac{S 32 | S 33}{S 5 | S 4}$   
 T 42 S

1985

from which

A hemlock, 6 ins. diam., bears N. 15° E.,  
16 lks. dist., mkd. X BT.

A hemlock, 10 ins. diam., bears S. 48 1/2° E.,  
218 lks. dist., mkd. T42S R67E S4 BT.

A boulder, 4 x 4 x 3 ft., bears S. 48° W.,  
104 lks. dist., mkd. X BO on top.

A hemlock, 5 ins. diam., bears N. 73 1/2° W.,  
71 lks. dist., mkd. X BT.

Cor. is located 192 lks. N. 48 1/2° W. of a boulder,  
7 x 7 x 7 ft., on a S. alpine slope among alder,  
scrub hemlock and brush.

Land, mountainous.

Soil, thin, organic and rocky.

Timber, hemlock, spruce and alder; undergrowth, berry  
bushes and other brush.

East, bet. secs. 4 and 33.

Asc. over mountainous terrain.

- 4.71 Leave timber, edge bears NW and SE; continue ascent over  
alpine meadows.
- 12.51 Top of ascent; desc. over E. slope.
- 27.21 Enter scrub timber.
- 36.55 Intersect line 3-4, U. S. Survey No. 1762, identical with  
line 1-11, U. S. Survey No. 2393.

Point for the closing cor. of secs. 4 and 33.

Drive an alum. rod, 4.5 long, 3/4 in. diam.,  
3.3 ft. in the ground to bedrock, encircled by  
a mound of stone, 3 ft. base, 1 ft. high, with  
alum. cap mkd.

T 41 S  
 R 67 E S 2393  
 $\frac{S 33}{S 4}$  L 2  
 T 42 S

1985

from which

A spruce, 15 ins. diam., bears S. 62° W.,  
71 lks. dist., mkd. S4 CC BT.

A hemlock, 9 ins. diam., bears N. 17° W.,  
86 lks. dist., mkd. X BT.

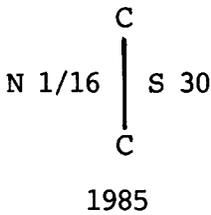
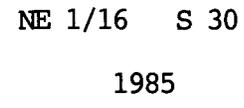
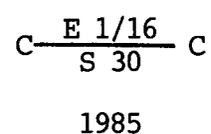
Cor. is located on a steep E. slope among hemlock,  
spruce and alder.

From this point, cor. No. 3, U. S. Survey No. 1762,  
identical with Cor. No. 1, U. S. Survey No. 2393,

S. Bdy. of T. 41 S., R. 67 E.,  
Copper River Mer., Alaska

<p>CHAINS</p>	<p>bears S. 32° 52' E., 76.75 chs. dist., monumented with a brass tablet, 2 1/2 ins. diam., cemented in exposed bedrock, with top mkd. C3 FES 1762 C1 S2393 1927. Recovered scattered remains of a mound of stone.</p> <p>From this same point, cor. No. 4, U. S. Survey No. 1762, identical with cor. No. 11, U. S. Survey No. 2393, bears N. 32° 52' W., 284.53 chs. dist., monumented with a brass tablet, 2 1/2 ins. diam., cemented in exposed bedrock, with top mkd. C4 FES 1762 1927. Recovered scattered remains of a mound of stone.</p> <p>From this same point, U. S. Coast and Geodetic Survey horizontal control station "SCULL 2 1917, 1923", bears S. 57° 48' 02" W., 615.76 chs. dist., monumented with a brass tablet, 3 ins. diam., cemented in a drill hole in a boulder, mkd. SCULL 2 1917.</p> <p>Land, mountainous. Soil, shallow, rocky. Timber, scrub hemlock and pine.</p>
	<p>Portion of the Subdivisional Lines and Partial Subdivision of Sections T. 41 S., R. 67 E. Copper River Mer., Alaska</p>
<p>11.17 14.62 35.01 36.12</p>	<p>From the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with an alum. post, 2 1/2 ins. diam., set, mkd., and witnessed as described in the field notes of T. 41 S., R. 66 E., surveyed concurrently.</p> <p>East, bet. secs. 19 and 30.</p> <p>Over rolling terrain, through hemlock and spruce.</p> <p>Fish Creek, 38 lks. wide, course NW.</p> <p>Treadwell Ditch and trail, 6 lks. wide, bears N. and S.; asc. over mountainous terrain.</p> <p>Enter old slide area; continue ascent through alders.</p> <p>Point for the 1/4 sec. cor. of secs. 19 and 30.</p> <p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p> <p style="text-align: center;">T 41 S R 67 E 1/4 <math>\frac{S 19}{S 30}</math></p> <p style="text-align: center;">1985</p> <p>from which</p> <p style="padding-left: 40px;">A hemlock, 9 ins. diam., bears S. 1° W., 382 lks. dist., mkd. 1/4 S30 BT.</p> <p style="padding-left: 40px;">A spruce, 44 ins. diam., bears S. 88° W., 213 lks. dist., mkd. 1/4 S30 BT.</p> <p>Cor. is located on a W. slope among alders.</p>
	<p>S. 0° 08' E., on the N. and S. center line of sec. 30.</p> <p>Desc. over old slide area, through alders.</p>

Portion of the Subdivisional Lines and  
Partial Subdivision of Sections T. 41 S., R. 67 E.  
Copper River Mer., Alaska

<p>CHAINS</p> <p>3.42</p> <p>20.00</p>	<p>Leave slide area; continue through hemlock and spruce forest.</p> <p>Point for the center N. 1/16 sec. cor. of sec. 30.</p> <p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled by a rock collar, 2 ft. diam., with alum. cap mkd.</p> <div style="text-align: center;">  </div> <p>from which</p> <p>A hemlock, 17 ins. diam., bears N. 9° E., 56 lks. dist., mkd. CN 1/16 S30 BT.</p> <p>A spruce, 24 ins. diam., bears S. 87 1/2° E., 139 lks. dist., mkd. CN 1/16 S30 BT.</p> <p>Cor. is located on a W. slope.</p>
<p>20.00</p>	<p>East, on the E. and W. center line of the NE 1/4 of sec. 30.</p> <p>Asc. over mountainous terrain.</p> <p>Point for the NE 1/16 sec. cor. of sec. 30.</p> <p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled by a rock collar, 1 1/2 ft. diam., with alum. cap mkd.</p> <div style="text-align: center;">  </div> <p>from which</p> <p>A spruce, 17 ins. diam., bears N. 58 1/4° W., 17 lks dist., mkd. NE 1/16 S30 BT.</p> <p>A spruce, 31 ins. diam., bears S. 2° W., 229 lks. dist., mkd. NE 1/16 S30 BT.</p> <p>Cor. is located on a steep W. slope.</p>
<p>0.45</p> <p>20.00</p>	<p>S. 0° 07' E., on the N. and S. center line of the NE 1/4 of sec. 30.</p> <p>Desc. over steep SW slope.</p> <p>Small drainage, course W.</p> <p>Point for the center E. 1/16 sec. cor. of sec. 30.</p> <p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled by a rock collar, 2 ft. diam., with alum. cap mkd.</p> <div style="text-align: center;">  </div>

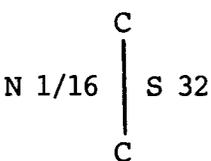
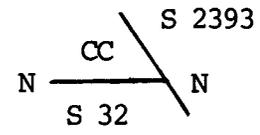
Portion of the Subdivisional Lines and  
Partial Subdivision of Sections T. 41 S., R. 67 E.  
Copper River Mer., Alaska

CHAINS	Cor. is located on a steep SW slope among small alders.
	<hr/> <p>S. 0° 07' E., on the N. and S. center line of the SE 1/4 of sec. 30.</p>
6.21	Creek, 6 lks. wide, course SW; continue descent over W. slope.
20.00	Point for the SE 1/16 sec. cor. of sec. 30.
	<p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled by a rock collar, 2 ft. diam., with alum. cap mkd.</p>
	<p style="text-align: center;">SE 1/16    S 30 1985</p>
	from which
	<p style="padding-left: 40px;">A spruce, 6 ins. diam., bears S. 78 1/2° E., 99 lks. dist., mkd. SE 1/16 S30 BT.</p>
	<p style="padding-left: 40px;">A spruce, 6 ins. diam., bears S. 59° W., 70 lks. dist., mkd. SE 1/16 S30 BT.</p>
	<p>Cor. is located 303 lks. E. of a creek, 38 lks wide, course NW, among small alders.</p>
	<hr/> <p>East, on the E. and W. center line of the SE 1/4 of sec. 30.</p>
	Asc. over W. slope.
20.00	Point for the S. 1/16 sec. cor. of secs. 29 and 30.
	<p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground to bedrock, encircled by a mound of stone, 4 ft. base, to top of alum. cap, mkd.</p>
	<p style="text-align: center;">S 1/16 S 30   S 29 1985</p>
	No accessories available.
	Cor. is located on a steep SW slope among thick alders.
	<hr/> <p>S. 0° 07' E., bet. secs. 29 and 30.</p>
	Desc. over SW slope.
20.00	Point for the cor. of secs. 29, 30, 31 and 32.
	<p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, encircled by a mound of stone, 4 1/2 ft. base, to top of alum. cap, mkd.</p>
	<p style="text-align: center;">T 41 S    R 67 E S 30   S 29 S 31   S 32 1985</p>
	from which
	<p style="padding-left: 40px;">A rock outcrop, 3 1/2 x 2 x 1 1/2 ft. above ground,</p>

Portion of the Subdivisional Lines and  
Partial Subdivision of Sections T. 41 S., R. 67 E.  
Copper River Mer., Alaska

CHAINS		
	<p>bears N. 52 1/4° E., 36 lks. dist., mkd. X BO on S. face.</p> <p>A boulder, 3 x 2 x 2 1/2 ft., bears N. 3° W., 53 lks. dist., mkd. X BO of E. face.</p> <p>Cor. is located on a W. slope among thick alder brush.</p>	
	<p>S. 0° 07' E., bet. secs. 31 and 32.</p> <p>Over W. slope, through alders.</p>	
11.50	Enter timber, edge bears NW and SE.	
12.67	Creek, 2 lks. wide, course SW.	
16.18	Enter old slide area, edge bears E. and W.; continue through alders.	
17.01	Creek, 4 lks. wide, course SW.	
20.00	Point for the N. 1/16 sec. cor. of secs. 31 and 32.	
	<p>Drive an alum. rod, 5.4 ft. long, 3/4 in. diam., 4.8 ft. in the ground to bedrock, encircled by a mound of stone, 4 ft. base, to top of alum. cap, mkd.</p> <p style="text-align: center;">N 1/16 S 31   S 32</p> <p style="text-align: center;">1985</p> <p>from which</p> <p style="padding-left: 40px;">A hemlock, 9 ins. diam., bears S. 53° E., 72 lks. dist., mkd. N 1/16 S32 BT.</p> <p style="padding-left: 40px;">A hemlock, 15 ins. diam., bears S. 78° W., 107 lks. dist., mkd. N 1/16 S31 BT.</p> <p>Cor. is located on a W. slope, at the edge of a slide area among alders.</p>	
	<p>East, on the E. and W. center line of the NW 1/4 of sec. 32.</p> <p>Asc. over SW slope.</p>	
11.59	Enter timber, edge bears NE and SW.	
13.54	Creek, 3 lks. wide, course SW.	
15.73	Enter clearing; continue through berry bushes.	
20.14	Top of bluff, 20 ft. high, bears N. and S.; continue ascent through scattered timber.	
20.44	Enter slide area; continue through alders.	
23.10	Enter muskeg, edge bears NW and SE.	
23.97	Enter scrub timber.	
33.66	Top of ascent; desc. over E. slope.	
39.14	Enter clearing, edge bears N. and S.	
40.00	Point for the center N. 1/16 sec. cor. of sec. 32.	

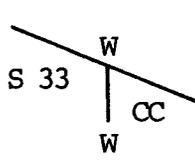
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CHAINS		
	<p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, encircled by a mound of stone, 5 ft. base, to top of alum. cap, mkd.</p> <div style="text-align: center;">  <p>1985</p> </div> <p>from which</p> <p>A hemlock, 9 ins. diam., bears S. 54 1/2° E., 32 lks. dist., mkd. CN 1/16 S32 BT.</p> <p>A hemlock, 6 ins. diam., bears S. 43 1/2° W., 9 lks. dist., mkd. CN 1/16 S32 BT.</p> <p>Cor. is located at the S. edge of a clearing on a steep E. slope.</p> <hr/> <p>East, on the E. and W. center line of the NE 1/4 of the sec. 32.</p> <p>Desc. over mountainous terrain.</p> <p>2.59 Enter scrub timber.</p> <p>7.77 Base of ridge, bears NE and SW; asc. over rolling terrain.</p> <p>12.86 Creek, 5 lks. wide, course N.</p> <p>21.74 Creek, 2 lks. wide, course N.</p> <p>30.09 Deep ravine, drains NW.</p> <p>37.89 Intersect line 3-4, U. S. Survey No. 1762.</p> <p>Point for closing cor. on the E. and W. center line of the NE 1/4 of sec. 32.</p> <p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled by a mound of stone, 4 ft. base, 1/2 ft. high, with alum. cap mkd.</p> <div style="text-align: center;">  <p>1985</p> </div> <p>from which</p> <p>A hemlock, 9 ins. diam., bears S. 38 1/4° W., 132 lks. dist., mkd. S32 CC BT.</p> <p>A boulder, 6 1/2 x 2 1/2 x 2 ft., bears N. 73 3/4° W., 50 lks. dist., mkd. X BO on top.</p> <p>Cor. is located on a W. slope among scrub timber.</p> <p>From this point, cor. No. 3, U. S. Survey No. 1762, identical with cor. No. 1, U. S. Survey No. 2393,</p>	

Portion of the Subdivisional Lines and  
Partial Subdivision of Sections T. 41 S., R. 67 E.  
Copper River Mer., Alaska

CHAINS		
	<p>bears S. 32° 52' E., 148.18 chs. dist., hereinbefore described.</p> <p>From this same point, cor. No. 4, U. S. Survey No. 1762, identical with cor. No. 11, U. S. Survey No. 2393, bears N. 32°52' W., 213.10 chs. dist., hereinbefore described.</p>	
20.00	<p>From the E. 1/16 sec. cor. of secs. 5 and 32, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0° 06' W., on the N. and S. center line of the SE 1/4 of sec. 32.</p> <p>Asc. over steep mountainous terrain.</p> <p>Point for the SE 1/16 sec. cor. of sec. 32.</p> <p>Drive an alum. rod, 36 ins. long, 3/4 in. diam., 32 ins. in the ground, with alum. cap mkd.</p> <p style="text-align: center;">SE 1/16 S 32</p> <p style="text-align: center;">1985</p> <p>from which</p> <p style="padding-left: 40px;">A hemlock, 14 ins. diam., bears S. 46° W., 33 lks. dist., mkd. SE 1/16 S32 BT.</p> <p style="padding-left: 40px;">A hemlock, 11 ins. diam., bears N. 45° W., 74 lks. dist., mkd. SE 1/16 S32 BT.</p> <p>Cor. is located in an old rock slide on a steep W. slope.</p>	
1.82 4.17 19.91 19.94 20.00	<p>East. on the E. and W. center line of the SE 1/4 of sec. 32.</p> <p>Asc. over a steep W. slope.</p> <p>Base of cliff, bears N. and S.</p> <p>Top of cliff; continue ascent over steep W. slope.</p> <p>Base of rock ledge, 14 ft. high, bears N. and S.</p> <p>Top of rock ledge; continue ascent over mountainous terrain.</p> <p>Point for the S. 1/16 sec. cor. of secs. 32 and 33.</p> <p>Set an alum. rod, 18 ins. long, 3/4 in. diam., cemented 6 ins. in drill hole in bedrock, with alum. cap mkd.</p> <p style="text-align: center;">S 1/16 S 32   S 33</p> <p style="text-align: center;">1985</p> <p>from which</p> <p style="padding-left: 40px;">A rock outcrop, 2 x 3 x 2 ft. above the ground, bears S. 32° W., 13 lks. dist., mkd. X BO on N. face.</p> <p style="padding-left: 40px;">A boulder, 3 x 3 x 2 ft., bears N. 8 1/2° W., 153 lks. dist., mkd. X BO on top.</p>	

Portion of the Subdivisional Lines and  
Partial Subdivision of Sections T. 41 S., R. 67 E.,  
Copper River Mer., Alaska

CHAINS	
<p>10.98</p> <p>20.00</p>	<p>Cor. is located on a steep W. slope.</p> <hr/> <p>East, on the E. and W. center line of the SW 1/4 of sec. 33.</p> <p>Asc. over mountainous terrain.</p> <p>Top of ridge, bears NE and SW; desc. over E. slope.</p> <p>Point for the SW 1/16 sec. cor. of sec. 33.</p> <p>Drive an alum. rod, 36 ins. long, 3/4 in. diam., 26 ins. in the ground to point of refusal, encircled by a mound of stone, 4 ft. base, to top of alum. cap, mkd.</p> <p style="text-align: center;">SW 1/16    S 33</p> <p style="text-align: center;">1985</p> <p>from which</p> <p style="padding-left: 40px;">A rock outcrop, 4 x 3 ft., flush with ground, bears N. 79 1/2° E., 61 lks. dist., mkd. X BO at top SE portion.</p> <p style="padding-left: 40px;">A rock outcrop, 12 x 16 ft., flush with ground, bears S. 17 3/4° W., 33 lks. dist., mkd X BO at top NE portion.</p> <p>Cor. is located on a steep, grassy E. slope.</p>
<p>5.69</p>	<hr/> <p>N. 0° 05' W., on the N. and S. center line of the SW 1/4 of sec. 33.</p> <p>Asc. over mountainous terrain.</p> <p>Intersect line 3-4, U. S. Survey No. 1762.</p> <p>Point for the closing cor. on the N. and S. center line of the SW 1/4 of sec. 33.</p> <p>Drive an alum. rod, 15 ft. long, 3/4 in. diam., 14.5 ft. in the ground, encircled by a rock collar, 2 1/2 ft. diam., with alum. cap mkd.</p> <p style="text-align: center;">S 2393</p> <div style="text-align: center;">  </div> <p style="text-align: center;">1985</p> <p>from which</p> <p style="padding-left: 40px;">A boulder, 5 x 2 x 5 ft., bears S. 14 1/2° W., 229 lks. dist., mkd. X BO on N. face.</p> <p style="padding-left: 40px;">A rock outcrop, 2 x 3 ft., flush with ground, bears N. 27° W., 56 lks. dist, mkd. X BO at top SE portion.</p> <p>Cor. is located above timberline on a steep E. slope.</p> <p>From this point, cor. No. 3, U. S. Survey No. 1762, identical with cor. No. 1, U. S. Survey No. 2393, bears S. 32°52' E., 107.33 chs. dist., hereinbefore described.</p>

Portion of the Subdivisional Lines and  
 Partial Subdivision of Sections T. 41 S., R. 67 E.,  
 Copper River Mer., Alaska

CHAINS	<p>From this same point, cor. No. 4, U. S. Survey No. 1762, identical with cor. No. 11, U. S. Survey No. 2393, bears N. 32°52' W., 253.95 chs. dist, hereinbefore described.</p> <hr/> <p style="text-align: center;">General Description</p> <hr/> <p>The land surveyed under this contract covers part of the central region of Douglas Island. This area comprised a portion of the area set aside for the Eagle Crest Ski Area. The terrain is extremely varied, ranging from precipitous alpine regions to densely forested hillsides and benchlands. Scattered areas of muskeg are also encountered. Vegetation in the sub-alpine regions consists primarily of mature growths of spruce, hemlock and cedar, with an understory of alder, devils club, berry bushes and other low shrubs. The area is drained by Fish Creek, Falls Creek, Eagle Creek, Grant Creek, Kowee Creek, and numerous unnamed creeks.</p>
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U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ALASKA STATE OFFICE - ANCHORAGE, ALASKA

## FIELD ASSISTANTS

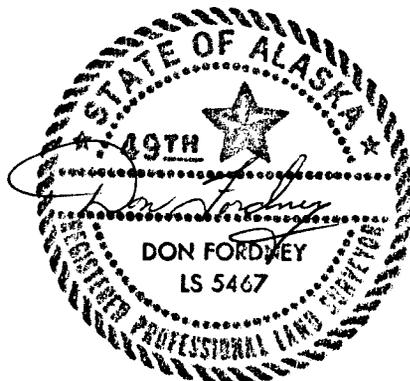
NAMES	CAPACITY
Jack E. Thompson	Assistant Supervisor
John P. Pearson	Party Chief
Bill Braden	Party Chief
Tim J. Ingraham	Party Chief
Rob Terry	Party Chief
Curt R. Wilcox	Instrument Man
Dayton W. Canaday	Instrument Man
Bil Day	Instrument Man
George Rohm	Instrument Man
Mike Grady	Instrument Man
Jack Chambers	Timber Cutter
Bill Coleman	Timber Cutter
Peter Allen	Timber Cutter
Don Chambers	Timber Cutter

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## CERTIFICATE OF SURVEY

I, DONALD P. FORDNEY, for POOL ENGINEERING, INC., HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 8th day of June, 1984, supplemental special instructions bearing date of the 3rd day of September, 1985, and under Contract No. YA551-CT4-340100 bearing date of the 27th day of September, 1984, I have surveyed the south boundary, a portion of the subdivisional lines, and partial subdivision of selected sections of Township 41 South, Range 67 East, of the Copper River Meridian, in the State 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 Special 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.

MAY 19, 1990  
(Date)



Seal

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Anchorage, Alaska

The foregoing field notes of the survey described in the Certificate of Survey above executed by Donald P. Fordney having been critically examined and found correct, are hereby approved.

June 14, 1990  
(Date)

Horace D. Sanders  
(Deputy State Director for  
Cadastral Survey, Alaska) *Acting.*