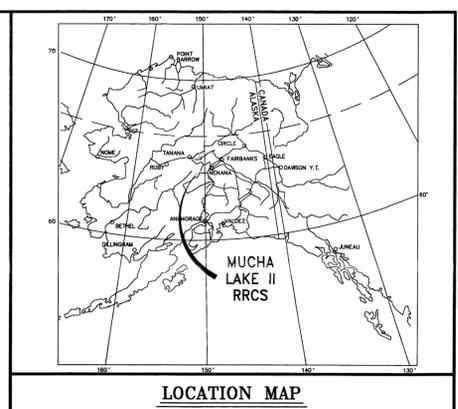
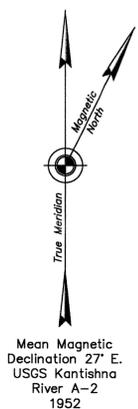
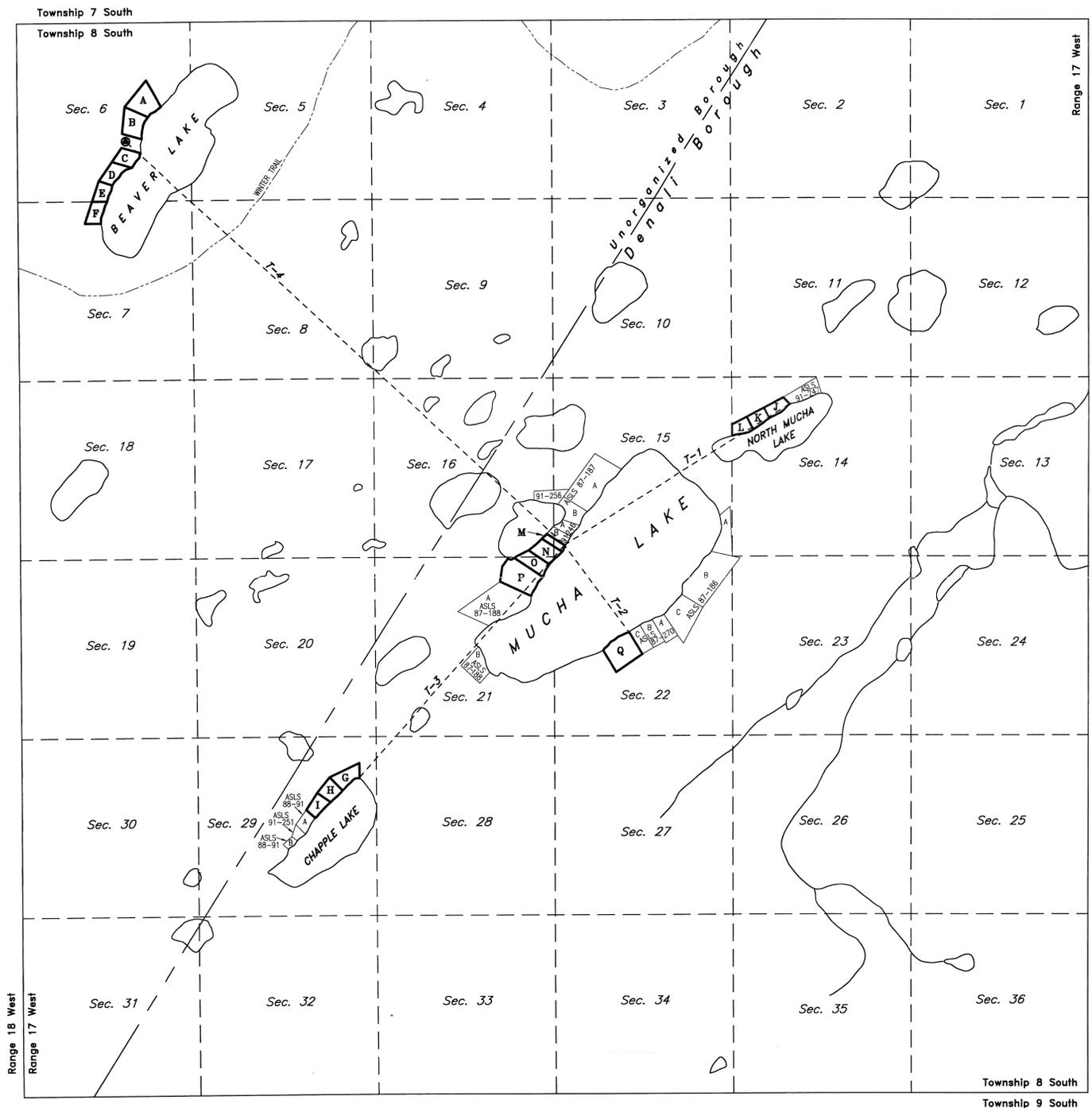


MUCHA LAKE II RRCS

ALASKA STATE LAND SURVEY No. 2003-41



Tract Monument Tie Table

Tie	Forward Bearing	Geo. Dist.	Description
T-1	N 58°09'24" E	7839.29'	From WCMC1, Tr. M to WCMC1, Tr. J
T-2	S 36°27'53" E	3214.78'	From WCMC1, Tr. M to WCMC1, Tr. Q
T-3	S 41°43'47" W	9160.38'	From WCMC1, Tr. M to WCMC1, Tr. G
T-4	N 46°58'11" W	17,566.80'	From WCMC1, Tr. M to YABM "Beaver"

The above ties are computed geodetic inverses between various geodetic positions that are each individually based on, or computed from, record data, with the exception of tie T-2 which was field measured this survey.

Certificate of Subdivision Approval For Tracts G Through Q

This subdivision has been reviewed and found to be in compliance with the Denali Borough Platting Ordinance No. 96-22 and the applicable provisions of the law and is hereby approved.

Scott E. Allen 9-12-06
Denali Borough Approving Official Date

Tax Statement

This subdivision lies partially within the Denali Borough and is not subject to taxation at this time.

Wastewater Disposal

This subdivision has not been inspected for wastewater disposal systems. Be aware that soil conditions may not be suitable for onsite wastewater treatment.

Surveyor's Certificate

I hereby certify that I am properly registered and licensed to practice land surveying in the State of Alaska, that this plat represents a survey made by me or under my direct supervision, that the monuments shown hereon actually exist as described, and that all dimensions and other details are correct.
Date 15 August 2006 Registration No. 5032-S

Richard B. Gray
Richard B. Gray, Registered Land Surveyor



Certificate of Ownership And Dedication

I, the undersigned, hereby certify that I am the Director, Division of Mining, Land and Water and that the State of Alaska is the owner of ASLS 2003-41 as shown hereon. I hereby approve this survey and plat for the State of Alaska, and dedicate for public or private use as noted, all easements, public utility areas, and rights-of-way as shown and described hereon.

Dated: November 17, 2006

Sandra King
Sandra King
Director, Division of Mining, Land, and Water

Notary's Acknowledgment

Subscribed and sworn before me this 17th day of NOVEMBER, 2006, for SANDRA KING.

[Signature]
Notary for the State of Alaska
My commission expires 1-9-09



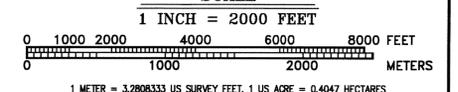
Plat Approval For Tracts A Through F

This plat is approved by the Commissioner of the Department of Natural Resources, or the Commissioner's designee, in accordance with AS 40.15.

Sandra King 11-17-06
Commissioner Date

By approval of this plat, the Commissioner of the Department of Natural Resources hereby accepts for public use and public purposes the real property dedicated to the public hereon, including easements, rights-of-way, alleys, and roadways. The acceptance of such dedicated areas for public use and public purposes does not obligate the Department, any governing body or the public to construct, operate, maintain or manage improvements.

SCALE



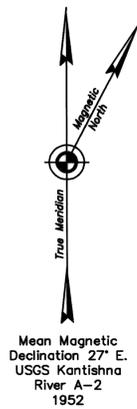
INDEX TO SHEETS

SHEET No. 2	SHEET No. 3	SHEET No. 4	SHEET No. 5	SHEET No. 6
BEAVER LAKE TRACTS A, B, & C	BEAVER LAKE TRACTS D, E, & F	CHAPPLE LAKE TRACTS G, H, & I	NORTH MUCHA LAKE TRACTS J, K, & L	MUCHA LAKE TRACTS M, N, O, P & Q

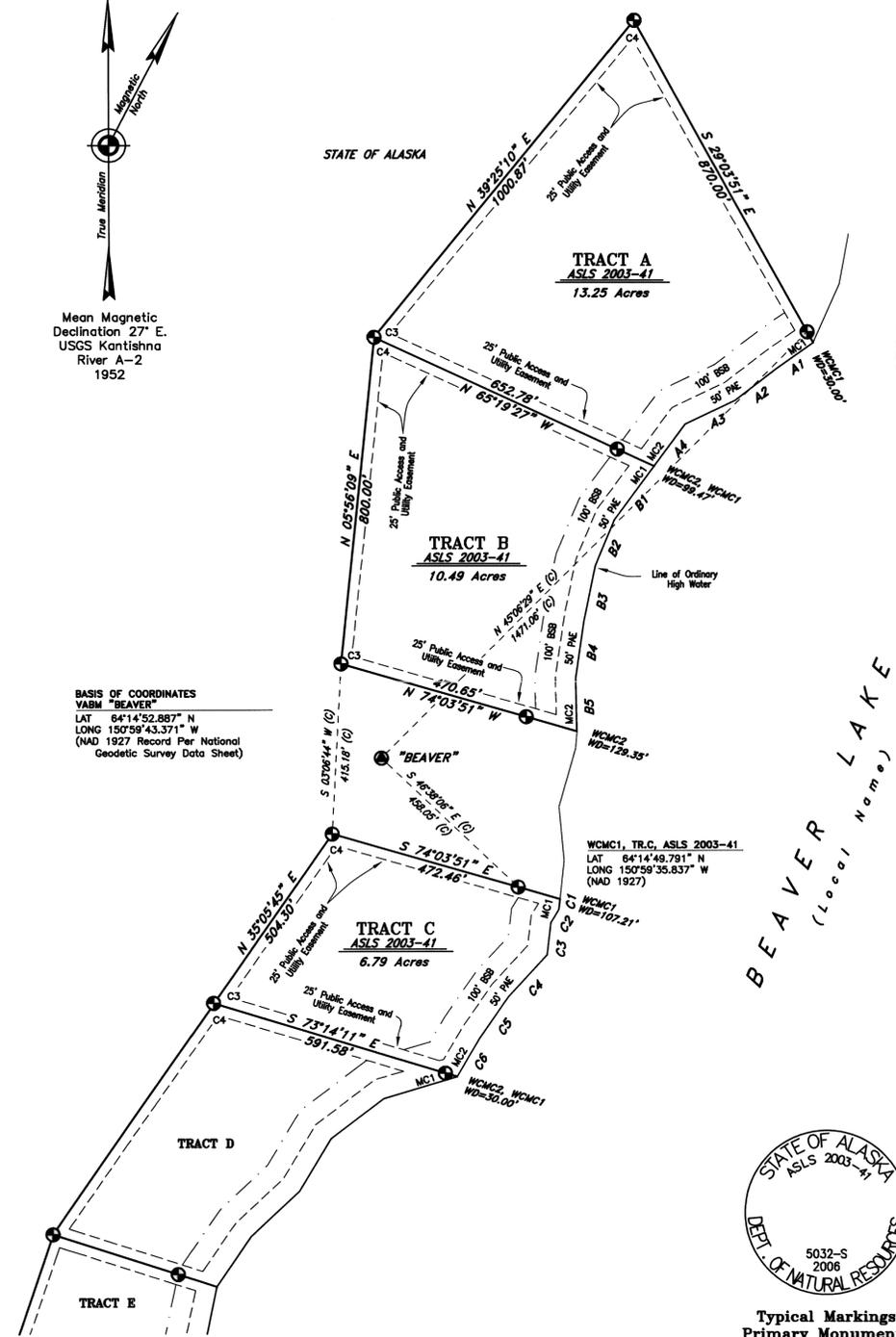
fairbank 2006-193

Sheet No. 1 of 6

DATE OF SURVEY: Beginning <u>July 7, 2005</u> Ending <u>June 27, 2006</u>	NAME OF SURVEYOR: <u>Manley Land Surveyors, Inc.</u> P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3632
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2003-41	
Creating Tracts A Through Q Located Within Unsurveyed Sections 6, 7, 14, 15, 16, 21, 22, & 29, Township 8 South, Range 17 West, Fairbanks Meridian, Alaska	
FAIRBANKS RECORDING DISTRICT	
DRAWN BY: <u>emg</u>	APPROVAL RECOMMENDED: <u>[Signature]</u> <u>Nov 17, 2006</u>
DATE: <u>August 8, 2006</u>	Statewide Platting Supervisor Date
SCALE: 1" = 2000'	CHECKED: <u>[Signature]</u> FILE No. <u>ASLS 20030041</u>



BASIS OF COORDINATES
YABM "BEAVER"
LAT 64°14'52.887" N
LONG 150°59'43.371" W
(NAD 1927 Record Per National Geodetic Survey Data Sheet)



WCMC1, TR.A, ASLS 2003-41
LAT 64°15'03.105" N
LONG 150°58'19.790" W
(NAD 1927)

WCMC1, TR.C, ASLS 2003-41
LAT 64°14'49.791" N
LONG 150°59'35.837" W
(NAD 1927)

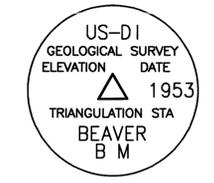


**Typical Markings
Primary Monuments
Set This Survey**
All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a carsonite witness post adjacent to the monument.

Meander Line Table
Ordinary High Water of Beaver Lake

Line	Bearing	Distance
A1	S 54°43'04" W	108.73'
A2	S 52°26'03" W	126.16'
A3	S 64°46'22" W	136.73'
A4	S 36°48'04" W	128.11'
B1	S 36°34'25" W	162.28'
B2	S 22°50'09" W	121.57'
B3	S 11°29'00" W	139.08'
B4	S 08°20'25" W	141.01'
B5	S 01°11'29" E	128.24'
C1	S 05°56'09" W	24.24'
C2	S 31°47'12" W	37.92'
C3	S 06°45'09" W	79.43'
C4	S 42°34'25" W	140.38'
C5	S 34°37'48" W	124.24'
C6	S 30°22'11" W	107.16'

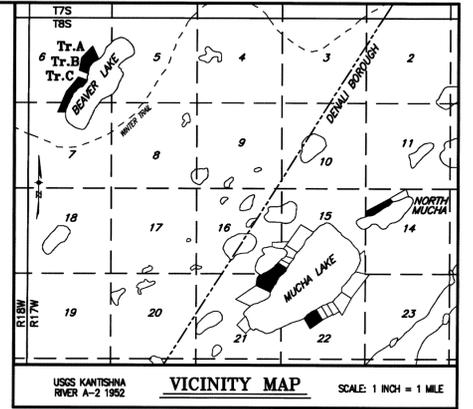
Monument Caps Recovered This Survey



- Legend**
- 2 1/2" Diam. Aluminum Cap On Pipe, U.S.D.I.-G.S. Triangulation Station, 1953, Recovered This Survey
 - 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
 - Surveyed Line
 - - - Unsurveyed Easement Line
 - - - Computed Tie
 - - - 100' Building Setback Line (See Note 2, Sheet 2 Notes)
 - 50' P&E 50' Public Access Easement
 - 100' B&B 100' Building Setback (See Note 2)
 - (C) Computed Dimension

**Monument Caps And Accessories
Set This Survey**

- WC TR.A C.1 MC 6" Birch S 35° W 7.6'
- TR.A C.1 MC 5" Birch N 69° W 16.9'
- TR.A C.1 MC 4" Birch S 50° E 3.0'
- WC TR.A C.2 MC 3" Birch S 07° E 9.4'
- TR.B C.1 MC 5" Birch S 77° W 7.2'
- TR.B C.1 MC 3" Birch N 76° E 16.2'
- TR.A C.3 MC 2" Spruce N 18° W 20.3'
- TR.A C.3 MC 3" Spruce S 40° E 29.8'
- TR.A C.3 MC 2" Spruce S 02° E 26.8'
- TR.A C.4 MC 3" Birch N 08° W 9.0'
- TR.A C.4 MC 3" Spruce N 37° E 12.5'
- TR.A C.4 MC 3" Birch S 77° W 12.3'
- WC TR.B C.2 MC 5" Birch S 68° W 15.1'
- TR.B C.2 MC 5" Birch N 66° W 29.8'
- TR.B C.2 MC 4" Birch N 44° W 7.3'
- TR.B C.3 MC 4" Spruce N 50° W 7.9'
- TR.B C.3 MC 3" Spruce S 89° E 20.0'
- TR.B C.3 MC 5" Spruce S 17° E 11.4'
- WC TR.C C.1 MC 4" Birch S 26° E 8.7'
- TR.C C.1 MC 4" Birch N 87° W 17.4'
- TR.C C.1 MC 5" Birch N 06° W 16.7'
- WC TR.C C.2 MC 4" Birch N 71° W 27.1'
- TR.C C.2 MC 8" Birch N 16° W 19.4'
- TR.C C.2 MC 6" Birch N 48° E 18.3'
- TR.C C.3 MC 5" Spruce N 08° E 17.3'
- TR.C C.3 MC 4" Spruce N 85° E 23.1'
- TR.C C.3 MC 2" Spruce S 87° W 6.8'
- TR.C C.4 MC 3" Spruce S 17° E 14.1'
- TR.C C.4 MC 3" Spruce N 42° W 4.4'
- TR.C C.4 MC 2" Spruce N 69° E 10.6'

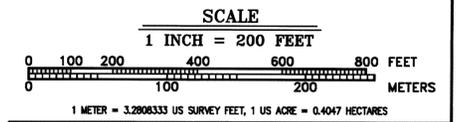


General Notes

- 1) This survey was accomplished in accordance with AS 38.04.045, GSC 680, and GSI 2003-41.
- 2) All bearings shown hereon are true bearings, oriented to the basis of bearings. The azimuth for Tracts A through F on Beaver Lake was obtained from direct observations of the sun utilizing the hour angle method and refers to the true meridian. Distances shown are reduced to horizontal field distances.
- 3) The accuracy of this survey is greater than 1:5000. Control for this project utilized conventional closed field traverses.
- 4) This subdivision has not been inspected for wastewater disposal systems. Be aware that soil conditions may not be suitable for onsite wastewater treatment.
- 5) All parcels of land owned by the State of Alaska, located within 50.00 feet of, or bisected by a surveyed or protracted section line, are subject to a 50 foot (50') easement, each side of the section line, which is reserved to the State of Alaska for public highways under A.S. 19.10.10.

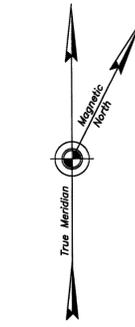
Sheet 2 Notes

- 1) The natural meanders of the line of ordinary high water of Beaver Lake form the true bounds of these tracts. The approximate line of ordinary high water as shown is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- 2) No structures are to be constructed within one hundred feet of the ordinary high water line of Beaver Lake.



DATE OF SURVEY: Beginning July 7, 2005 Ending June 27, 2006	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3632
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2003-41	
Creating Tracts A Through Q Located Within Unsurveyed Sections 6, 7, 14, 15, 16, 21, 22, & 29, Township 8 South, Range 17 West, Fairbanks Meridian, Alaska	
FAIRBANKS RECORDING DISTRICT	
DRAWN BY: emg DATE: August 8, 2006	APPROVAL RECOMMENDED: S. J. [Signature] Nov 17, 2006 Statewide Planning Supervisor Date
SCALE: 1" = 200'	CHECKED: RBG FILE No. ASLS 20030041

Fairbanks 2006-193

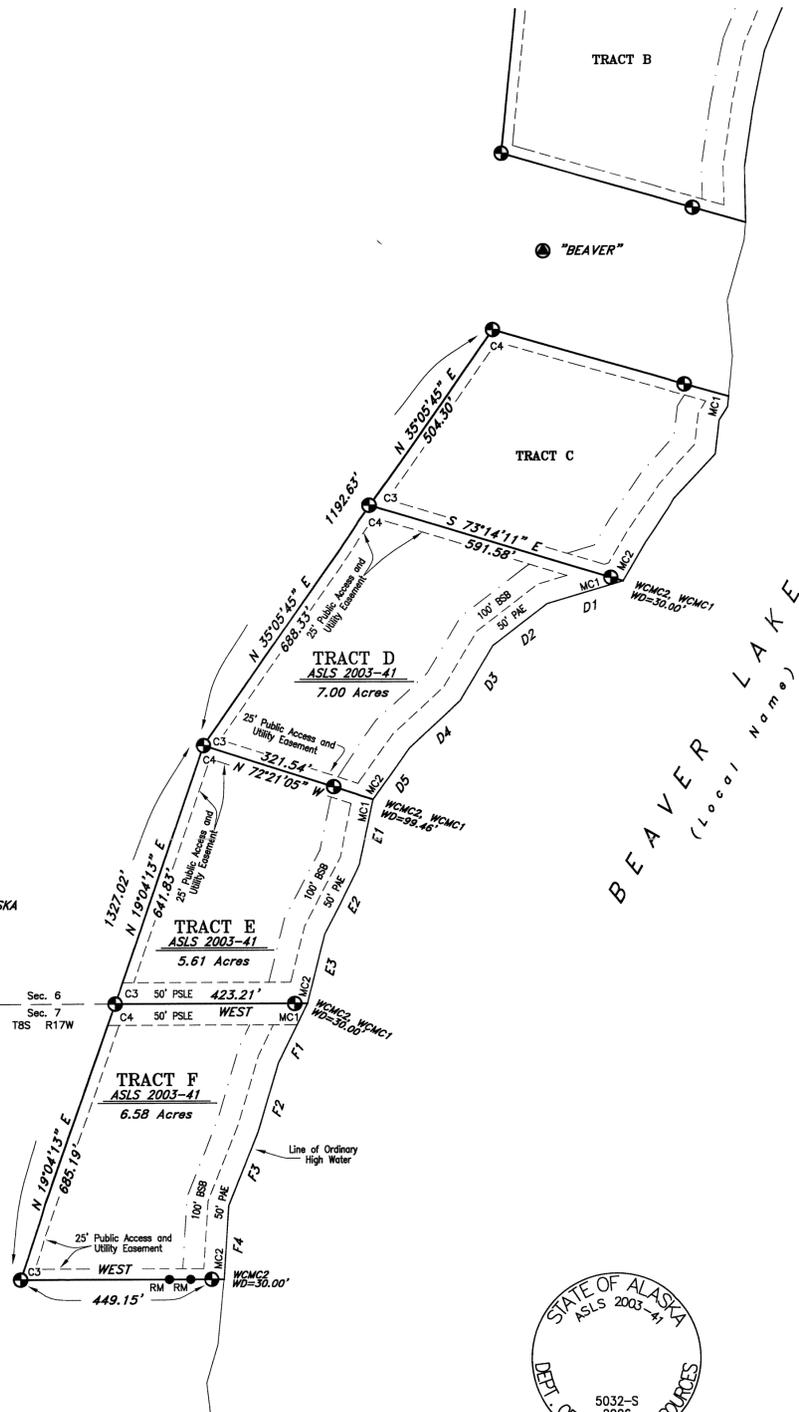


Mean Magnetic Declination 27° E.
USGS Kantishna River A-2
1952

STATE OF ALASKA

Protracted Section Line
Sec. 6
Sec. 7
T8S R17W

See Note No. 2



**Typical Markings
Primary Monuments
Set This Survey**

All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a coromite witness post adjacent to the monument.

Meander Line Table

Ordinary High Water of Beaver Lake

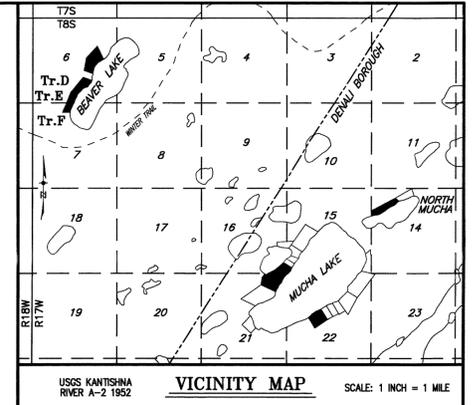
Line	Bearing	Distance
D1	S 73°33'24" W	185.67'
D2	S 53°04'19" W	163.19'
D3	S 31°07'13" W	150.47'
D4	S 47°08'56" W	163.19'
D5	S 34°40'18" W	147.29'
E1	S 11°49'14" W	155.23'
E2	S 27°25'30" W	184.48'
E3	S 14°04'00" W	168.32'
F1	S 26°02'07" W	156.47'
F2	S 16°41'33" W	167.81'
F3	S 21°50'33" W	186.47'
F4	S 03°51'26" W	173.57'

Legend

- 2 1/2" Diam. Aluminum Cap On Pipe, U.S.D.I.-G.S. Triangulation Station, 1953, Recovered This Survey
- ⊕ 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
- Reference Monument (RM), 1 1/2" Diam. Aluminum Cap On 36" No. 5 Rebar, Set This Survey
- Surveyed Line
- - - - - Unserved Easement Line
- · - · - 100' Building Setback Line (See Note 3)
- 50' PSLE 50' Protracted Section Line Easement
- 50' PAB 50' Public Access Easement
- 100' BSB 100' Building Setback (See Note 3)

**Monument Caps And Accessories
Set This Survey**

- WC TR.C C.2 MC 4" Birch N 71° W 27.1'
- C.1 TR.D MC 8" Birch N 16° W 19.4'
- TR.D C.2 MC 6" Birch N 48° E 18.3'
- WC TR.D C.2 MC 3" Birch S 46° W 5.4'
- C.1 TR.E MC 3" Birch N 23° W 6.0'
- TR.E C.2 MC 4" Birch N 85° E 10.5'
- TR.D C.3 MC 8" Birch N 26° W 17.2'
- C.4 TR.E MC 5" Birch N 56° E 13.4'
- TR.D C.3 MC 4" Birch SOUTH 14.1'
- TR.C C.3 MC 5" Spruce N 08° E 17.3'
- C.4 TR.D MC 4" Spruce N 85° E 23.1'
- TR.D C.3 MC 2" Spruce S 87° W 6.8'
- WC TR.E C.2 MC 4" Birch S 50° W 21.2'
- C.1 TR.F MC 4" Birch N 89° W 33.0'
- TR.F C.1 MC 4" Birch N 29° W 46.6'
- WC TR.E C.3 MC 4" Birch S 51° E 3.1'
- C.4 TR.F MC 4" Birch S 53° W 3.6'
- TR.F C.4 MC 6" Birch N 32° W 11.3'
- WC TR.F C.2 MC RM 50 WEST 50.00'
- WC TR.F C.2 MC RM 100 WEST 100.00'
- TR.F C.3 MC 7" Birch N 51° W 4.4'
- TR.F C.3 MC 5" Birch S 31° E 13.3'
- TR.F C.3 MC 8" Birch S 22° W 23.9'

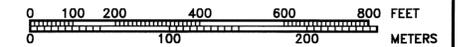


Sheet 3 Notes

- 1) The natural meanders of the line of ordinary high water of Beaver Lake form the true bounds of these tracts. The approximate line of ordinary high water as shown is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- 2) The boundary between Tracts E and F was computed to be coincident with the protracted line between Sections 6 and 7. This computation utilized the basis of coordinates, as shown on Sheet No. 2, and the basis of bearings, as described in General Note No. 2 on Sheet No. 2, and the protracted positions for the corner of Sections 5, 6, 7, and 8 of T.8S., R.17W. and the corner of Sections 1, 6, 7, and 12 of T.8S., R.17 & 18 W. Although this line between Tracts E and F is the best approximation possible, it is not intended to represent the official section line location.
- 3) No structures are to be constructed within one hundred feet of the ordinary high water line of Beaver Lake.
- 4) General Notes applicable to all sheets of this survey appear on Sheet No. 2.

SCALE

1 INCH = 200 FEET

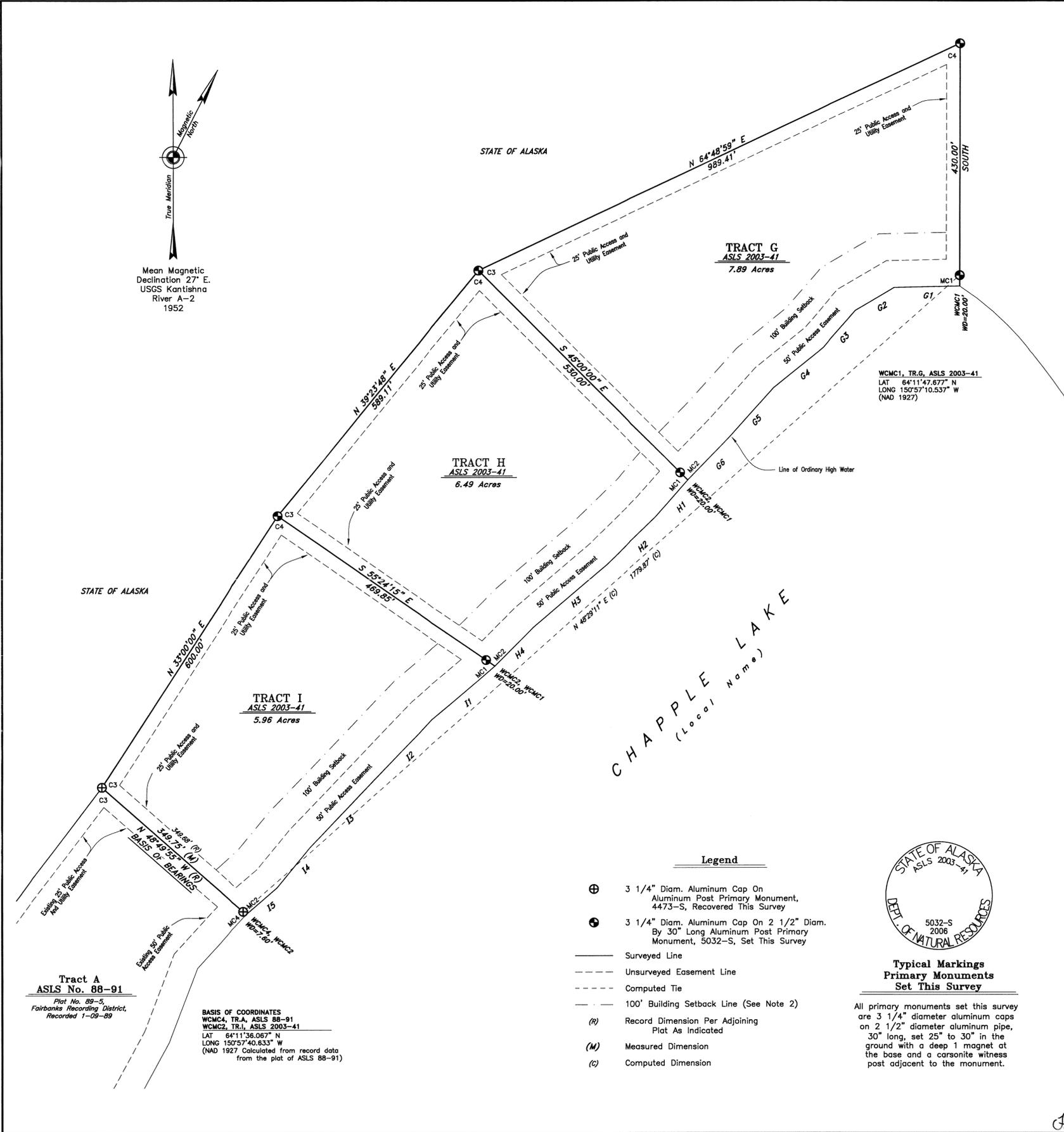
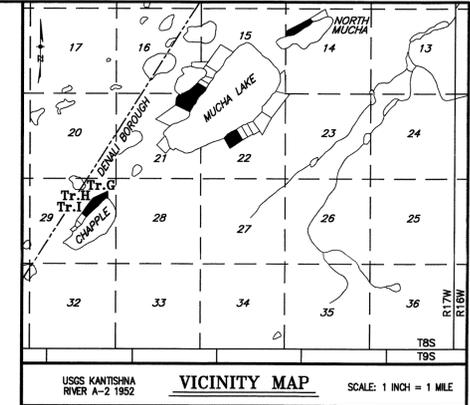
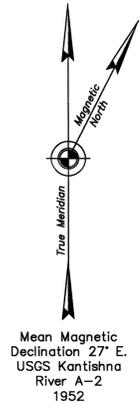


1 METER = 3.2808333 US SURVEY FEET, 1 US ACRE = 0.4047 HECTARES

DATE OF SURVEY: Beginning July 7, 2005 Ending June 27, 2006	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 872-3632
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2003-41	
Creating Tracts A Through O Located Within Unsurveyed Sections 6, 7, 14, 15, 16, 21, 22, & 29, Township 8 South, Range 17 West, Fairbanks Meridian, Alaska	
FAIRBANKS RECORDING DISTRICT	
DRAWN BY: emg DATE August 8, 2006	APPROVAL RECOMMENDED: Statewide Plotting Supervisor Date Nov 17, 2006
SCALE: 1" = 200'	CHECKED: RBG FILE No. ASLS 20030041

Fairbanks 2006-193

Sheet No. 3 of 6



**Monument Caps And Accessories
Set This Survey**

WC TR.G C.1 MC	4" Spruce	S 67° W	10.4'
	3" Spruce	N 10° W	36.4'
	3" Spruce	N 33° E	6.6'
WC TR.G C.2 MC	3" Spruce	N 24° E	8.1'
	3" Spruce	S 20° W	2.8'
	3" Spruce	N 59° W	20.4'
C.3 TR.G TR.H	3" Spruce	S 56° W	33.6'
	3" Spruce	N 60° E	43.6'
	3" Spruce	S 44° E	17.5'
C.4 TR.G	3" Birch	S 06° W	34.6'
	6" Spruce	S 59° W	40.0'
	5" Spruce	N 60° E	51.9'
WC TR.H C.2 MC	4" Spruce	N 83° E	5.8'
	5" Spruce	S 07° W	8.4'
	6" Spruce	N 62° W	20.0'
C.3 TR.H C.4 TR.I	6" Spruce	N 05° W	11.1'
	4" Spruce	S 28° E	10.6'
	3" Spruce	S 85° W	4.7'

**Meander Line Table
Ordinary High Water of Chapple Lake**

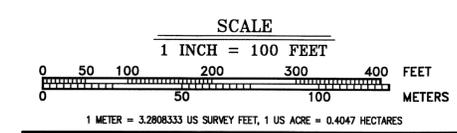
Line	Bearing	Distance
G1	S 88°36'48" W	121.98'
G2	S 59°18'21" W	83.27'
G3	S 40°59'53" W	90.47'
G4	S 51°08'48" W	119.21'
G5	S 42°13'40" W	124.44'
G6	S 44°12'20" W	110.56'
H1	S 41°09'13" W	90.25'
H2	S 45°41'43" W	127.11'
H3	S 49°48'24" W	180.06'
H4	S 45°03'45" W	101.27'
I1	S 49°23'29" W	156.12'
I2	S 43°47'57" W	137.77'
I3	S 43°46'51" W	187.05'
I4	S 39°13'00" W	96.85'
I5	S 48°57'12" W	74.88'

**Monument Caps And Accessories
Recovered This Survey**

ASLS 88-91 TR A COR 4 WCMC 4473 S 1988	4" Spruce	N 01° W	12.5'
	4" Spruce	N 41° W	11.8'
	7" Spruce	N 69° W	31.1'
<i>(Existing Record Bearing Trees Reported)</i>			
ASLS 88-91 TR A COR 3 4473 S 1988	5" Spruce	S 07° W	24.0'
	4" Spruce	N 06° E	14.3'
	4" Spruce	S 67° E	20.1'
<i>(The 5" spruce reported above is a record bearing tree. The two 4" spruce reported are new accessories established this survey to replace two dead original bearing trees.)</i>			

Sheet 4 Notes

- The natural meanders of the line of ordinary high water of Chapple Lake form the true bounds of these tracts. The approximate line of ordinary high water as shown is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- No structures are to be constructed within one hundred feet of the ordinary high water line of Chapple Lake.
- General Notes applicable to all sheets of this survey appear on Sheet No. 2.



DATE OF SURVEY: Beginning July 7, 2005, Ending June 27, 2006

NAME OF SURVEYOR: Manley Land Surveyors, Inc., P.O. Box 69, Manley Hot Springs, Alaska 99756 (907) 672-3632

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER
ANCHORAGE, ALASKA

ALASKA STATE LAND SURVEY No. 2003-41

*Creating Tracts A Through Q
Located Within
Unsurveyed Sections 6, 7, 14, 15, 16, 21, 22, & 29,
Township 8 South, Range 17 West,
Fairbanks Meridian, Alaska*

FAIRBANKS RECORDING DISTRICT

DRAWN BY: emg
DATE: August 8, 2006
SCALE: 1" = 100'

APPROVAL RECOMMENDED: [Signature]
DATE: Nov 17, 2006
FILE No. RBG
ASLS 20030041

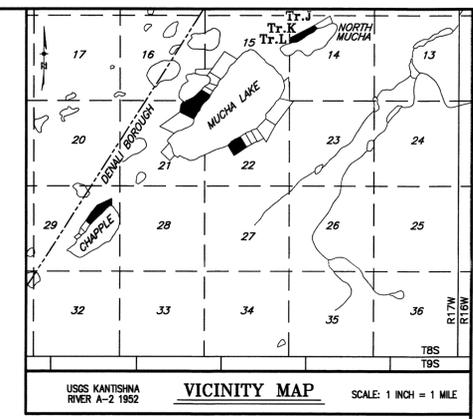
- Legend**
- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, 4473-S, Recovered This Survey
 - ⊙ 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
 - Surveyed Line
 - - - Unsurveyed Easement Line
 - - - Computed Tie
 - - - 100' Building Setback Line (See Note 2)
 - (R) Record Dimension Per Adjoining Plat As Indicated
 - (M) Measured Dimension
 - (C) Computed Dimension



**Typical Markings
Primary Monuments
Set This Survey**

All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a carsonite witness post adjacent to the monument.

Fairbanks 2006-193



USGS KANTISHNA RIVER A-2 1952 **VICINITY MAP** SCALE: 1 INCH = 1 MILE

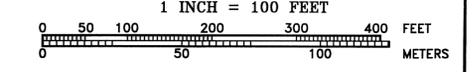
Meander Line Table
Ordinary High Water of North Mucha Lake

Line	Bearing	Distance
J1	S 53°54'01" W	104.53'
J2	S 38°24'01" W	115.69'
J3	S 50°10'16" W	117.04'
J4	S 52°54'29" W	59.94'
J5	S 73°22'02" W	42.90'
J6	S 62°37'31" W	129.18'
J7	S 64°43'10" W	117.84'
J8	S 60°03'14" W	60.17'
K1	S 55°26'20" W	132.82'
K2	S 48°02'49" W	100.82'
K3	S 56°41'07" W	104.28'
K4	S 54°59'56" W	111.51'
K5	S 58°26'21" W	127.06'
L1	S 57°44'23" W	142.11'
L2	S 73°19'34" W	100.24'
L3	S 79°12'11" W	125.31'
L4	S 84°38'12" W	135.94'
L5	S 73°47'12" W	156.36'

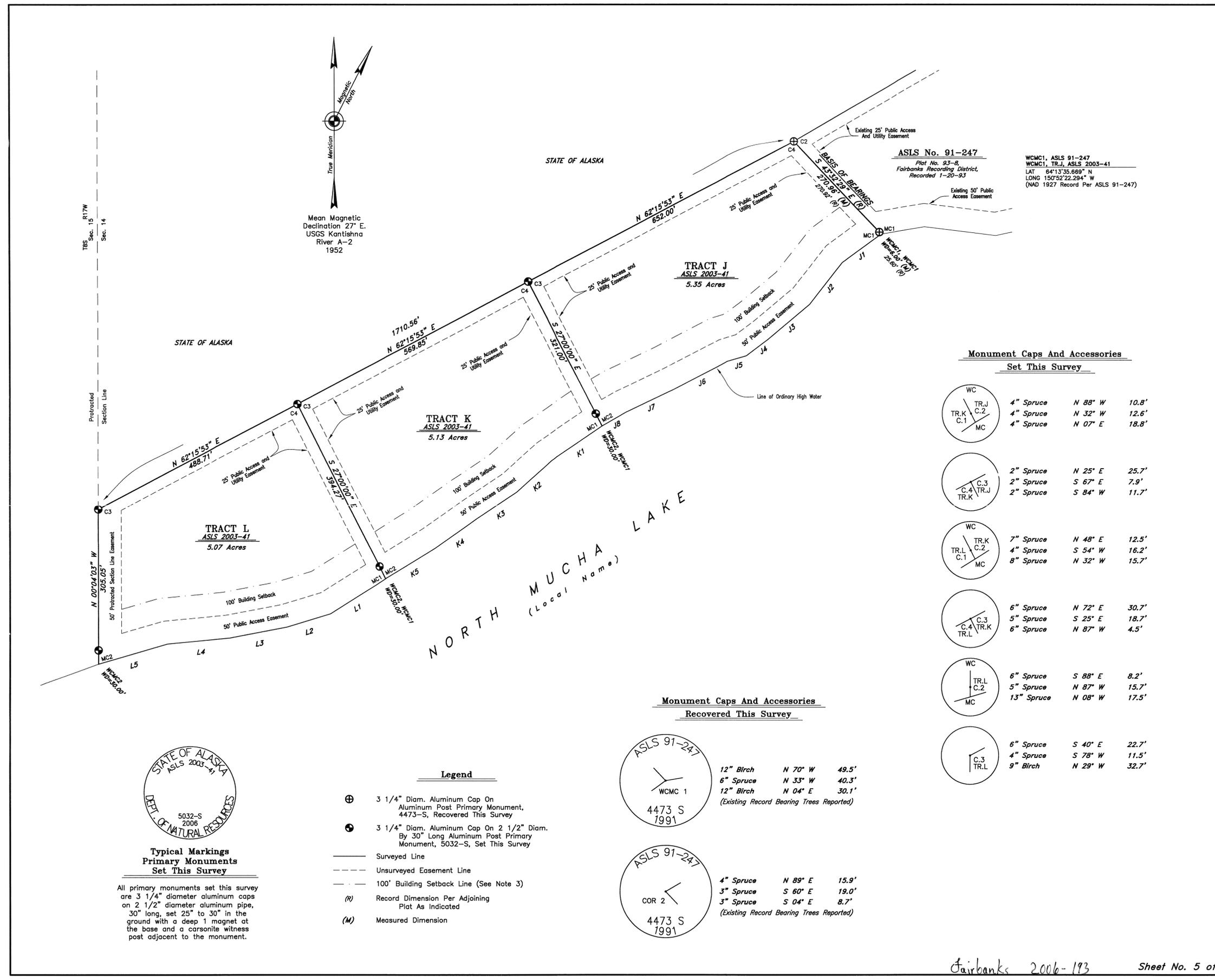
Sheet 5 Notes

- The natural meanders of the line of ordinary high water of North Mucha Lake form the true bounds of these tracts. The approximate line of ordinary high water as shown is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
- The West boundary of Tract L was computed to be coincident with the protracted line between Sections 14 and 15. This computation utilized the basis of coordinates and the basis of bearings as noted and the protracted positions for the corner of Sections 10, 11, 14, and 15 and the corner of Sections 14, 15, 22, and 23. Although this boundary of Tract L is the best approximation possible, it is not intended to represent the official section line location.
- No structures are to be constructed within one hundred feet of the ordinary high water line of North Mucha Lake.
- General Notes applicable to all sheets of this survey appear on Sheet No. 2.

SCALE
1 INCH = 100 FEET



DATE OF SURVEY: Beginning July 7, 2005 Ending June 27, 2006	NAME OF SURVEYOR: Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3632
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA	
ALASKA STATE LAND SURVEY No. 2003-41	
Creating Tracts A Through O Located Within Unsurveyed Sections 6, 7, 14, 15, 16, 21, 22, & 29, Township 8 South, Range 17 West, Fairbanks Meridian, Alaska	
FAIRBANKS RECORDING DISTRICT	
DRAWN BY: emg	APPROVAL RECOMMENDED: Statistick Plotting Supervisor Date
DATE: August 8, 2006	Nov 17, 2006
SCALE: 1" = 100'	CHECKED: RBG FILE No. ASLS 20030041



Monument Caps And Accessories
Set This Survey

WC	TR.J, C.2	4" Spruce	N 88° W	10.8'
TR.K, C.1	MC	4" Spruce	N 32° W	12.6'
		4" Spruce	N 07° E	18.8'
	C.3	2" Spruce	N 25° E	25.7'
	C.4, TR.J	2" Spruce	S 67° E	7.9'
	TR.K	2" Spruce	S 84° W	11.7'
WC	TR.K, C.2	7" Spruce	N 48° E	12.5'
TR.L, C.1	MC	4" Spruce	S 54° W	16.2'
		8" Spruce	N 32° W	15.7'
	C.3	6" Spruce	N 72° E	30.7'
	C.4, TR.K	5" Spruce	S 25° E	18.7'
	TR.L	6" Spruce	N 87° W	4.5'
WC	TR.L, C.2	6" Spruce	S 88° E	8.2'
	MC	5" Spruce	N 87° W	15.7'
		13" Spruce	N 08° W	17.5'
	C.3	6" Spruce	S 40° E	22.7'
	TR.L	4" Spruce	S 78° W	11.5'
		9" Birch	N 29° W	32.7'

Monument Caps And Accessories
Recovered This Survey

ASLS 91-247	12" Birch	N 70° W	49.5'
WCMC 1	6" Spruce	N 33° W	40.3'
4473 S 1991	12" Birch	N 04° E	30.1'
	(Existing Record Bearing Trees Reported)		
ASLS 91-247	4" Spruce	N 89° E	15.9'
COR 2	3" Spruce	S 60° E	19.0'
4473 S 1991	3" Spruce	S 04° E	8.7'
	(Existing Record Bearing Trees Reported)		

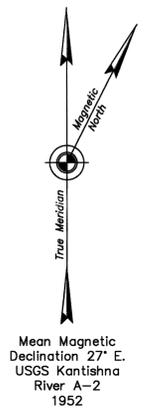
Legend

- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, 4473-S, Recovered This Survey
- ⊙ 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
- Surveyed Line
- - - Unserved Easement Line
- - - 100' Building Setback Line (See Note 3)
- (R) Record Dimension Per Adjoining Plat As Indicated
- (M) Measured Dimension



Typical Markings
Primary Monuments
Set This Survey

All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a carsonite witness post adjacent to the monument.



T8S Sec. 15 R17W
Sec. 14

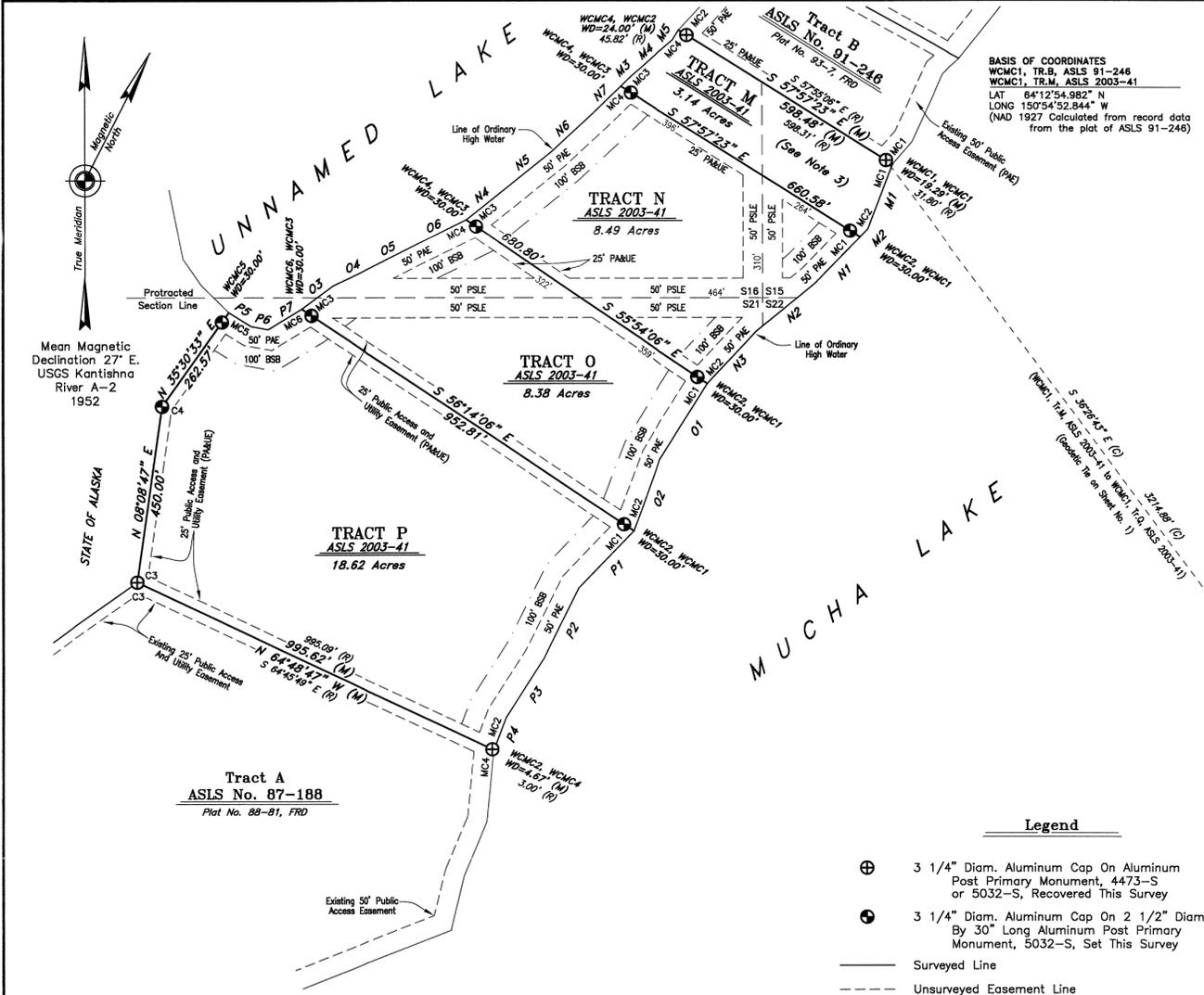
Protracted Section Line

50' Protracted Section Line Easement

50' Protracted Section Line Easement

Fairbanks 2006-193

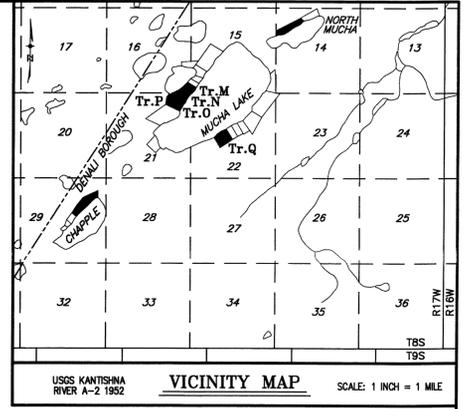
Sheet No. 5 of 6



- ### Sheet 6 Notes
- The natural meanders of the line of ordinary high water of Mucha Lake and the unnamed lake form the true bounds of these tracts. The approximate line of ordinary high water as shown is for area computations only, with the true tract corners being on the extension of the tract sidelines and their intersection with the natural meanders.
 - The protracted section lines were calculated based on the protracted positions of the corner of Sections 9, 10, 15, and 16, the corner of Sections 15, 16, 21, and 22, and the corner of Sections 16, 17, 20, and 21 relative to the basis of coordinates and the basis of bearings as shown on this sheet for Tracts M through Q.
 - Tract M, on Mucha Lake and the unnamed lake, is reserved by the State of Alaska for public access between the two lakes.
 - ASLS 91-246 was recorded as Plat No. 93-7 on January 20, 1993, ASLS 87-188 was recorded as Plat No. 88-81 on September 27, 1988, ASLS 87-270 was recorded as Plat No. 88-103 on December 13, 1988, all in the Fairbanks Recording District.
 - No structures are to be constructed within one hundred feet of the ordinary high water line of Mucha Lake and the ordinary high water line of the unnamed lake.
 - General Notes applicable to all sheets of this survey appear on Sheet No. 2.

Monument Caps And Accessories Recovered This Survey

ASLS 87-188 TRA COR.3 5032-S 1987	6" Spruce N 52° E 21.4'	7" Spruce S 28° E 5.7'	5" Spruce N 85° W 7.4'	(Existing Record Bearing Trees Reported)
ASLS 87-188 TRA COR.4 5032-S 1987	4" Spruce S 08° E 10.8'	4" Spruce S 58° W 4.2'	6" Spruce N 10° W 29.4'	(Existing Record Bearing Trees Reported)
ASLS 87-270 TR.C COR.3 5032-S 1987	5" Birch N 38° E 22.4'	8" Birch S 15° W 7.6'	4" Birch S 82° W 15.5'	(Existing Record Bearing Trees Reported)
ASLS 87-270 WCMC TR.C COR.4 5032-S 1987	4" Spruce S 73° E 9.8'	3" Spruce S 03° E 14.8'	4" Spruce S 49° W 8.9'	(Existing Record Bearing Trees Reported)
ASLS 91-246 WCMC 1 B 4473-S 1991	5" Spruce S 52° W 12.3'	7" Spruce N 55° W 12.3'	6" Spruce N 10° W 3.8'	(Existing Record Bearing Trees Reported)
ASLS 91-246 WCMC 2 B 4473-S 1991	3" Spruce N 56° E 5.0'	3" Spruce S 80° E 11.3'	3" Spruce S 10° E 10.3'	(Existing Record Bearing Trees Reported)



Meander Line Table

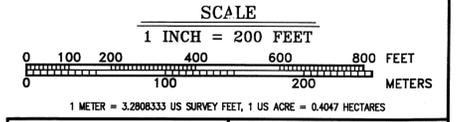
Ordinary High Water of Mucha Lake

Line	Bearing	Distance
M1	S 20°50'30" W	176.03'
M2	S 44°42'05" W	28.01'
M3	S 44°42'05" W	163.96'
M4	S 50°59'24" W	192.81'
M5	S 43°25'00" W	183.66'
M6	S 32°04'37" W	227.21'
M7	S 20°46'59" W	193.25'
M8	S 43°54'15" W	200.81'
M9	S 26°42'06" W	199.82'
M10	S 32°52'25" W	177.45'
M11	S 20°42'49" W	88.64'
M12	N 36°53'54" E	78.24'
M13	N 48°58'14" E	107.94'
M14	N 37°36'28" E	143.65'
M15	N 61°21'12" E	131.64'
M16	N 52°20'01" E	145.47'
M17	N 67°07'49" E	115.66'
M18	N 63°29'46" E	116.42'
M19	N 67°32'20" E	115.38'

Meander Line Table

Ordinary High Water of Unnamed Lake

Line	Bearing	Distance
M20	N 45°52'38" E	44.01'
M21	N 49°34'34" E	134.64'
M22	N 31°22'39" E	28.88'
M23	N 51°33'39" E	142.30'
M24	N 51°39'39" E	138.50'
M25	N 47°15'35" E	141.04'
M26	N 45°52'38" E	98.00'
M27	N 53°33'52" E	100.00'
M28	N 64°57'23" E	95.05'
M29	N 62°59'31" E	142.79'
M30	N 63°45'20" E	138.23'
M31	S 58°03'21" E	66.92'
M32	S 79°56'15" E	44.14'
M33	N 58°54'32" E	100.40'



DATE OF SURVEY: Beginning July 7, 2005, Ending June 27, 2006

NAME OF SURVEYOR: Manley Land Surveyors, Inc., P.O. Box 69, Manley Hot Springs, Alaska 99756 (907) 672-3632

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND AND WATER ANCHORAGE, ALASKA

ALASKA STATE LAND SURVEY No. 2003-41

Creating Tracts A Through Q Located Within Unsurveyed Sections 6, 7, 14, 15, 16, 21, 22, & 29, Township 8 South, Range 17 West, Fairbanks Meridian, Alaska

FAIRBANKS RECORDING DISTRICT

DRAWN BY: emg DATE: August 8, 2006

APPROVAL RECOMMENDED: Statewide Platting Supervisor DATE: Nov 17, 2006

SCALE: 1" = 200'

Monument Caps And Accessories Set This Survey

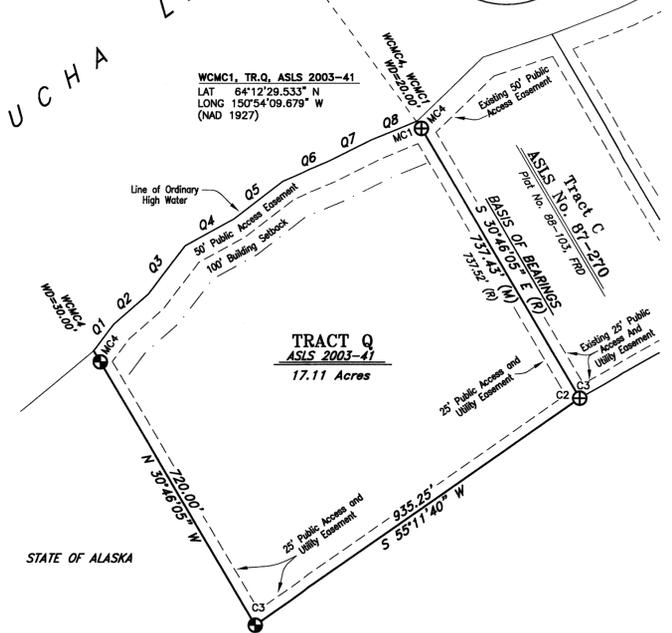
WC TR.M C.2 TR.N C.1 MC	6" Spruce N 43° E 8.0'	6" Spruce S 33° W 10.5'	4" Spruce N 64° W 6.0'
MC C.3 TR.M C.4 TR.N	4" Spruce N 03° E 9.8'	4" Spruce S 42° E 2.6'	4" Spruce S 87° W 6.7'
WC TR.N C.2 TR.O C.1 MC	4" Spruce S 75° E 15.4'	5" Spruce SOUTH 3.8'	5" Spruce N 32° W 18.0'
MC C.3 TR.N C.4 TR.O	4" Spruce N 52° E 8.3'	3" Spruce S 01° E 1.9'	4" Spruce N 19° W 9.1'
WC TR.O C.2 TR.P C.1 MC	4" Spruce N 32° E 5.2'	4" Spruce S 07° E 5.3'	6" Spruce N 45° W 6.9'
MC C.3 TR.O C.4 TR.Q	5" Birch N 10° E 36.9'	4" Birch S 45° W 55.6'	3" Spruce S 39° E 90.9'
MC C.3 TR.O C.6 TR.P	4" Spruce N 24° E 7.7'	4" Spruce S 26° W 19.7'	5" Spruce N 77° W 7.5'
MC C.4 TR.P	4" Spruce N 74° E 20.0'	4" Spruce S 24° E 6.2'	4" Spruce N 34° W 9.1'
MC C.5 TR.P	5" Spruce S 04° W 5.3'	7" Spruce S 62° W 20.0'	7" Spruce N 29° W 3.1'
TR.Q C.3	5" Spruce S 20° E 35.9'	6" Birch S 53° W 55.2'	4" Spruce N 07° W 51.9'

- ### Legend
- ⊕ 3 1/4" Diam. Aluminum Cap On Aluminum Post Primary Monument, 4473-S or 5032-S, Recovered This Survey
 - ⊕ 3 1/4" Diam. Aluminum Cap On 2 1/2" Diam. By 30" Long Aluminum Post Primary Monument, 5032-S, Set This Survey
 - Surveyed Line
 - - - Unserved Easement Line
 - - - Computed Tie
 - - - 100' Building Setback Line (See Note 5)
 - - - 50' PSLE 50' Protracted Section Line Easement
 - - - 50' PAE 50' Public Access Easement
 - - - 25' PSLE 25' Public Access and Utility Easement
 - - - 100' BSB 100' Building Setback (See Note 5)
 - (R) Record Dimension Per Adjoining Plat As Indicated
 - (M) Measured Dimension
 - (C) Computed Dimension



Typical Markings Primary Monuments Set This Survey

All primary monuments set this survey are 3 1/4" diameter aluminum caps on 2 1/2" diameter aluminum pipe, 30" long, set 25" to 30" in the ground with a deep 1 magnet at the base and a carsonite witness post adjacent to the monument.



2006-193

Fairbanks REC DIST

DATE: 11:24 2006

TIME: 1:32 P.M.

Requested by: AS DWR

Address: