

ALASKA NATIVE CLAIMS SETTLEMENT ACT (ANCSA) SECTION 14(c), TRACTS 1 THROUGH 9 P.L. 92-203 (85 STAT. 688, 702, 703) M.T.N.T., LIMITED AT McGRATH, ALASKA

AND THE RETRACEMENT OF A PORTION OF U.S. SURVEY No. 8019

This plat contains the entire survey record.

U.S. Survey No. 2646, McGrath Air Navigation Site, was surveyed by F. W. Williamson, Associate Cadastral Engineer, in 1944.

U.S. Survey No. 3140, A and B, Townsite of McGrath, was surveyed by John M. Short, Cadastral Engineer, in 1951.

A partial boundary survey for Tract 1 McGrath Airport Property was executed by Dickinson-Oswald and Partners, in 1971.

The State of Alaska, Department of Public Works, Division of Aviation, developed the McGrath Airport Property Plan in 1974.

U.S. Survey No. 8019, comprising 2 lots, was surveyed by Michael J. Nordin, Cadastral Surveyor, in 1987.

U.S. Survey No. 9765, was surveyed by Steven G. Schmitt, Cadastral Surveyor, in 1990.

Numerous existing private surveys are listed on the following sheet.

This survey was executed by Steven G. Schmitt, Cadastral Surveyor, July 11, 1990, through July 26, 1991, in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions dated June 1, 1990, approved June 6, 1990, and Assignment Instructions dated June 7, 1990.

Field assistants were:

- Patrick S. Twoby, Land Surveyor
- James W. Hawke, Jr., Land Surveyor
- David B. Smith, Student Trainee (LS)
- Marshal D. Wade, Student Trainee (LS)
- Robert M. Devine, Surveying Technician
- Kent W. Harder, Surveying Technician

Area: 881.11 Acres.

The azimuth for Tracts 3 and 7 was obtained from the record of a portion of line 3-4, Lot 1, U.S. Survey No. 8019, and verified by direct observations of the sun, using the hour angle method, and refers to the true meridian. The azimuth for Tract 4 was obtained from the record of Cranberry Ridge Phase 1 and Phase 2 Subdivisions, and verified by direct observations of the sun, using the hour angle method, and refers to the true meridian. The azimuth of the southeasterly portion of Tract 1, and Tracts 8 and 9, was obtained from direct observations of the sun, using the hour angle method, and refers to the true meridian.

The geographic position of the southeasterly corner of Tract 7, identical with corner No. 3, Lot 1, U.S. Survey No. 8019, as determined from the record of U.S. Survey No. 8019, is:

Latitude: 62° 55' 20.32" North NAD 27  
Longitude: 155° 29' 21.39" West

The mean magnetic declination was observed during the execution of this survey.

The land is mostly level, with spruce, tamarack, and birch timber and alder and willow brush. Numerous roads and improvements fall within this survey.

The soil is sandy loam with silt and clay.

The term DEEP-1 magnet refers to a magnetic marker composed of strontium encased in a color coded plastic container. The units are 1 inch diameter and 2 1/2 inches long.

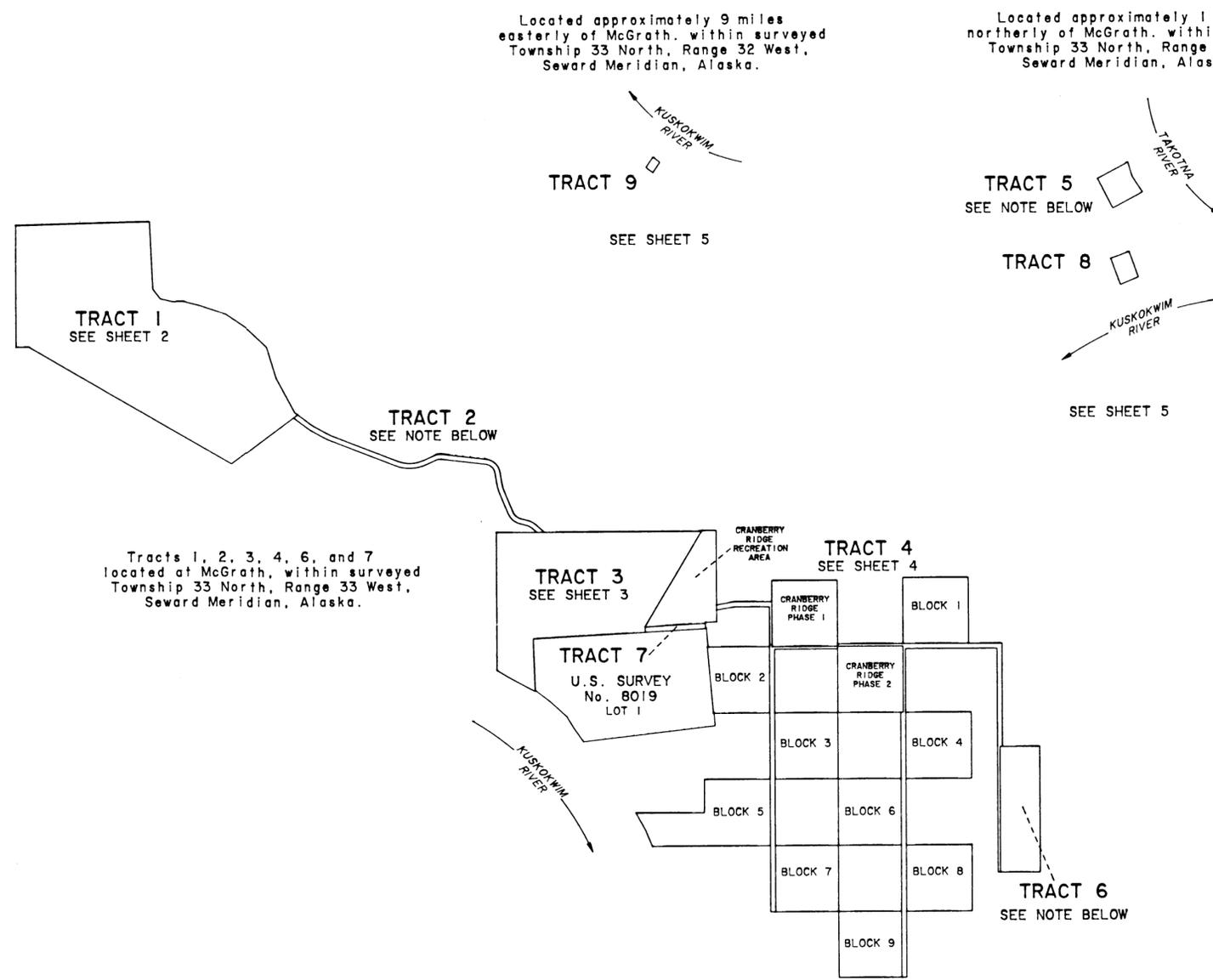
UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Anchorage, Alaska

The survey represented by this plat, sheets 1-5, having been properly executed and examined, is hereby accepted for having fulfilled the requirements of Section 14(c) of the Alaska Native Claims Settlement Act.

For the Director

*George P. Grant* 17 MAY 1993  
Date

Deputy State Director for Cadastral Survey, Alaska



I, hereby certify that the Tracts 1 through 9 represented on this plat of survey are on lands Interim Conveyed to M.T.N.T., Limited, by Interim Conveyance No. 323 issued by the United States of America; said tracts also fulfill all entitlements under the provisions of ANCSA 14(c) as requested by M.T.N.T., Limited Resolution Agreement No. 86-26, and the McGrath ANCSA 14(c) Map of Boundaries approved May 11, 1989.

26 APRIL 93  
Date

*Jo Royal*  
President, M.T.N.T., Limited

I, Steven G. Schmitt, Cadastral Surveyor, HEREBY CERTIFY upon honor that I have executed the ANCSA 14(c) survey depicted on this plat, sheets 1 through 5, in conformity with the Special Instructions approved June 6, 1990, the principles of survey described in the Manual of Surveying Instructions, 1973, and in the specific manner described on this plat.

25 FEB 93  
Date

*Steven G. Schmitt*  
Cadastral Surveyor

NOTE

Within and surrounding McGrath are the following private surveys whose record acreages are included in the total 14(c)(3) reconveyance.

Tract 2 is identical with a portion of the Cranberry Ridge Road Subdivision, surveyed in 1988 by William McClintock, Plat No. 89-13; computed record acreage of 13.85 acres.

Tract 5 is identical with the Clam Lake Recreation Area, surveyed in 1988 by William S. Smith, Plat No. 89-12; record acreage of 10.00 acres.

Tract 6 is identical with the Cranberry Ridge Emergency Airstrip Subdivision, surveyed in 1988 by William S. Smith, Plat No. 89-9; record acreage of 45.91 acres.

93-4

RECORDED - FILE 49

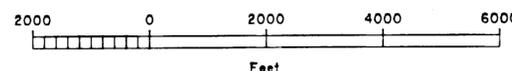
NT. MCKINLEY CA DIST.

DATE MAY 28 1993

TIME 2:15 P.M.

Requested by USA/BLM

Address



SLK

SHEET 2 OF 5

ALASKA NATIVE CLAIMS SETTLEMENT ACT  
(ANCSA) SECTION 14(c), TRACTS 1 THROUGH 9  
P.L. 92-203 (85 STAT. 688, 702, 703)

M.T.N.T., LIMITED  
AT  
**McGRATH, ALASKA**

AND THE RETRACEMENT OF A PORTION  
OF U.S. SURVEY No. 8019

REFERENCE SHOULD BE MADE  
TO  
SHEET No. 1  
FOR SURVEY INFORMATION

McGrath Townsite, First Addition was surveyed in 1977 by Jack W. Garrison, Alaska Registered Land Surveyor No. 949, and recorded in the Mt. McKinley Recording District, Plat No. 78-2, on July 21, 1978.

McGrath Townsite, Second Addition, Phase I was surveyed in 1987 by William McClintock, Alaska Registered Land Surveyor No. 5480, and recorded in the Mt. McKinley Recording District, Plat No. 88-1, on January 21, 1988.

Cranberry Ridge Subdivisions, Phase 1 and 2, Cranberry Ridge Emergency Airstrip, Cranberry Ridge Recreation Area, Industrial Park Subdivision, and Clam Lake Recreation Area were surveyed in 1988 by William S. Smith, Alaska Registered Land Surveyor No. 4107, and recorded in the Mt. McKinley Recording District, Plat Nos. 89-7, 89-8, 89-9, 89-10, 89-11, and 89-12, respectively, on May 8, 1989.

Cranberry Ridge Road Subdivision was surveyed in 1988 by William McClintock, Alaska Registered Land Surveyor No. 5480, and recorded in the Mt. McKinley Recording District, Plat No. 89-13, on May 8, 1989.

Kusko View Subdivision and McGrath Sanitary Landfill Site were surveyed in 1989 by William McClintock, Alaska Registered Land Surveyor No. 5480, and recorded in the Mt. McKinley Recording District, Plat Nos. 89-19 and 89-20, respectively, on November 24, 1989.

MTNT North Ridge, Middle Ridge, and South Ridge Subdivisions were surveyed in 1990 by William McClintock, Alaska Registered Land Surveyor No. 5480, and recorded in the Mt. McKinley Recording District, Plat Nos. 90-8, 90-9, and 90-7, respectively, on November 30, 1990.

**NOTE**

Within and surrounding Tract 1 are the following private surveys whose record acreages are included in the total 14(c)(3) reconveyance.

McGrath Townsite First Addition, surveyed in 1977 by Jack W. Garrison, Plat No. 78-2; record acreage of 77.29 acres.

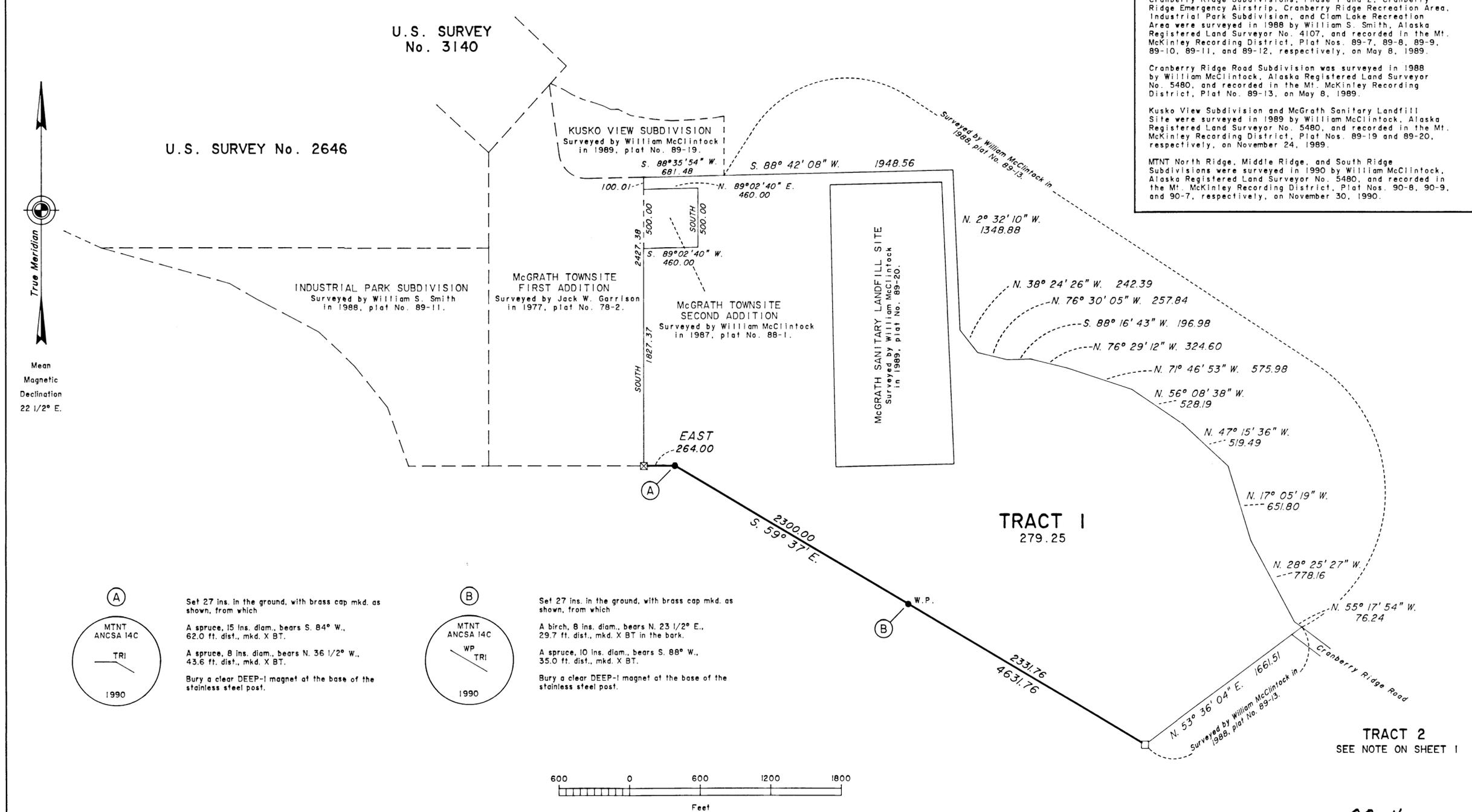
McGrath Townsite Second Addition, Phase I, surveyed in 1987 by William McClintock, Plat No. 88-1; record acreage of 5.279 acres.

Industrial Park Subdivision, surveyed in 1988 by William S. Smith, Plat No. 89-11; record acreage of 61.5 acres.

Kusko View Subdivision and McGrath Sanitary Landfill Site were surveyed in 1989 by William McClintock, Plat Nos. 89-19 and 89-20, respectively; record acreages of 17.99 and 53.75 acres respectively.

**LEGEND**

- Stainless steel post, 2 1/2 ins. diam., 28 ins. long, with brass cap, set this survey.
- ☒ Recovered rebar, 5/8 in. diam., firmly set flush with the ground, with alum. cap, 1 1/2 ins. diam., mkd. TNH SE COR 1977, and the lot lines.
- ☐ Recovered rebar, 5/8 in. diam., firmly set, projecting 3 ins. above the ground, with no cap.



U.S. SURVEY No. 2646

U.S. SURVEY No. 3140

KUSKO VIEW SUBDIVISION  
Surveyed by William McClintock  
in 1989, plat No. 89-19.

INDUSTRIAL PARK SUBDIVISION  
Surveyed by William S. Smith  
in 1988, plat No. 89-11.

McGRATH TOWNSITE  
FIRST ADDITION  
Surveyed by Jack W. Garrison  
in 1977, plat No. 78-2.

McGRATH TOWNSITE  
SECOND ADDITION  
Surveyed by William McClintock  
in 1987, plat No. 88-1.

McGRATH SANITARY LANDFILL SITE  
Surveyed by William McClintock  
in 1989, plat No. 89-20.

TRACT 1  
279.25

TRACT 2  
SEE NOTE ON SHEET 1

(A)

MTNT  
ANCSA 14C

TRI

1990

Set 27 ins. in the ground, with brass cap mkd. as shown, from which

A spruce, 15 ins. diam., bears S. 84° W., 62.0 ft. dist., mkd. X BT.

A spruce, 8 ins. diam., bears N. 36 1/2° W., 43.6 ft. dist., mkd. X BT.

Bury a clear DEEP-1 magnet at the base of the stainless steel post.

(B)

MTNT  
ANCSA 14C

WP  
TRI

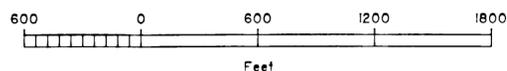
1990

Set 27 ins. in the ground, with brass cap mkd. as shown, from which

A birch, 8 ins. diam., bears N. 23 1/2° E., 29.7 ft. dist., mkd. X BT in the bark.

A spruce, 10 ins. diam., bears S. 88° W., 35.0 ft. dist., mkd. X BT.

Bury a clear DEEP-1 magnet at the base of the stainless steel post.



ALASKA NATIVE CLAIMS SETTLEMENT ACT (ANCSA) SECTION 14(c), TRACTS 1 THROUGH 9 P.L. 92-203 (85 STAT. 688, 702, 703)

M.T.N.T., LIMITED  
AT  
McGRATH, ALASKA

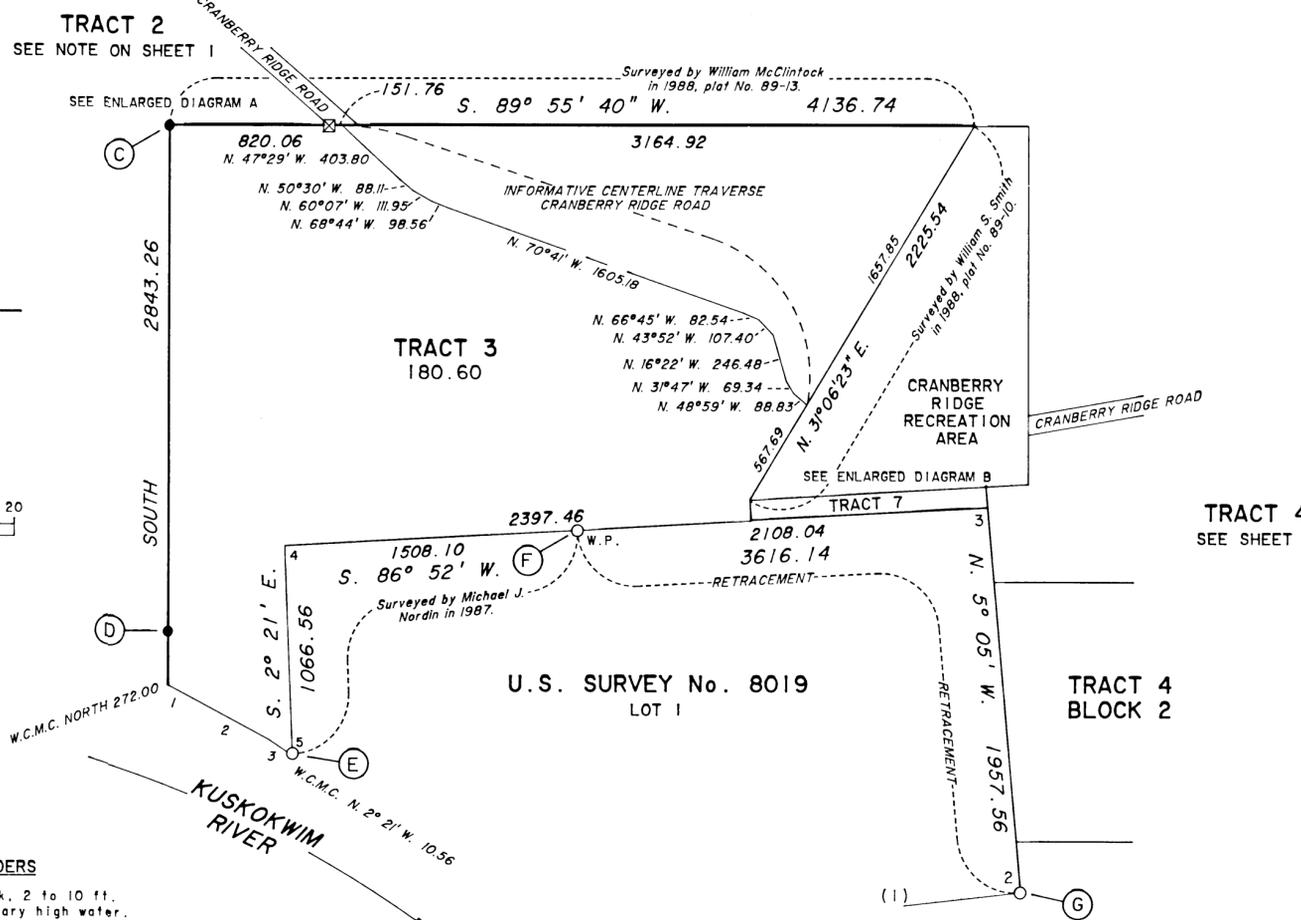
REFERENCE SHOULD BE MADE TO SHEET No. 1 FOR SURVEY INFORMATION

NOTE

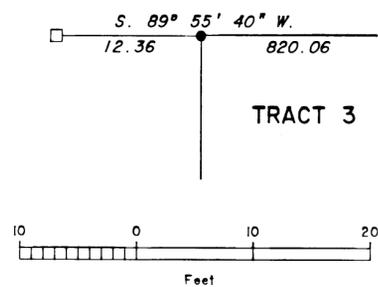
Cranberry Ridge Recreation Area Subdivision, surveyed in 1988 by William S. Smith, Plat No. 89-10, is adjacent to Tract 3. The record acreage of 36.07 acres is included in the total 14(c)(3) reconveyance.

LEGEND

- Stainless steel post, 2 1/2 ins. diam., 28 ins. long, with brass cap, set this survey.
- Recovered Bureau of Land Management monument.
- ⊗ Recovered rebar, 5/8 in. diam., firmly set flush with the ground, with alum. cap, 1 1/2 ins. diam.
- Recovered rebar, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, with no cap.



ENLARGED DIAGRAM A



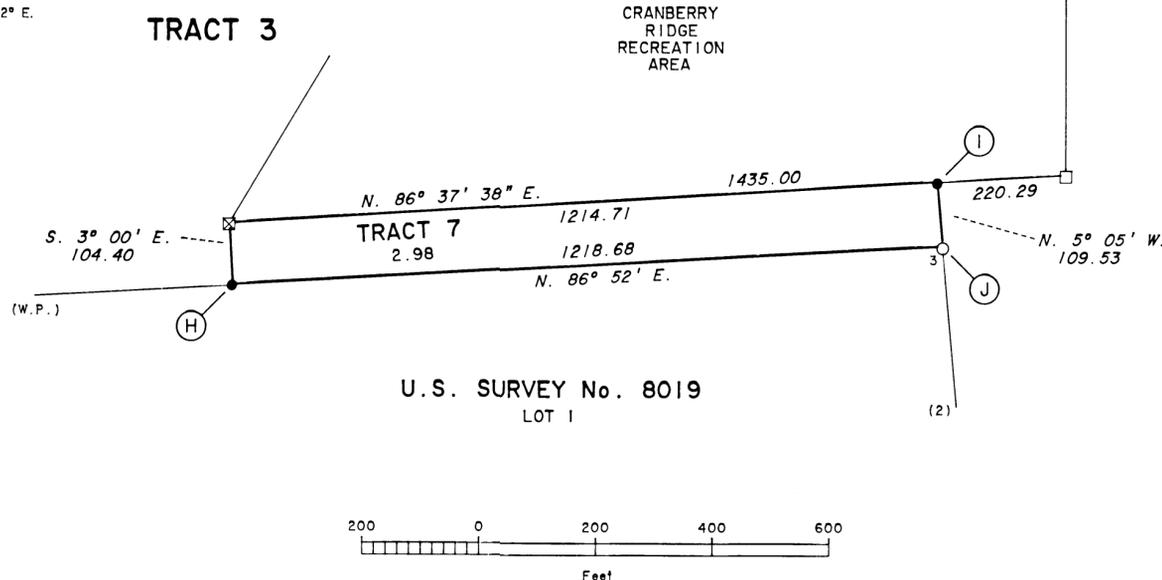
TRACT 3

TRACT 3 MEANDERS

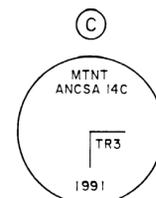
Along a well-defined bank, 2 to 10 ft. high, at the line of ordinary high water.

1. S. 62°08'29\" E. 135.06 Ft.
2. S. 62°00'07\" E. 455.91 Ft.
3. S. 56°17'06\" E. 145.71 Ft.

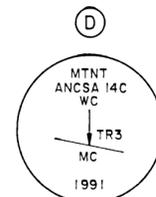
ENLARGED DIAGRAM B



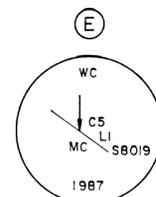
U.S. SURVEY No. 8019 LOT 1



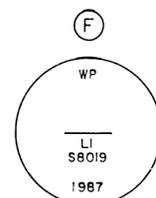
Set 27 ins. in the ground, with brass cap mkd. as shown, from which  
A spruce, 6 ins. diam., bears N. 74 1/2° E., 18.0 ft. dist., mkd. X BT.  
A spruce, 8 ins. diam., bears S. 41 1/4° E., 16.0 ft. dist., mkd. X BT.  
Bury a clear DEEP-1 magnet at the base of the stainless steel post.



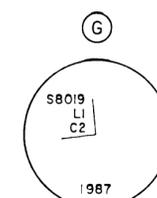
Set 27 ins. in the ground, with brass cap mkd. as shown, from which  
A spruce, 8 ins. diam., bears N. 51° E., 23.3 ft. dist., mkd. X BT.  
A spruce, 6 ins. diam., bears N. 36° W., 33.8 ft. dist., mkd. X BT.  
Bury a clear DEEP-1 magnet at the base of the stainless steel post.



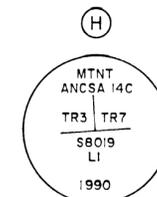
Recovered an alum. post, 2 1/2 ins. diam., firmly set flush with the ground, with alum. cap mkd. as shown, from which the original bearing tree  
A spruce, 8 ins. diam., bears N. 76° E., 67.3 ft. dist., mkd. X BT on open blazes.



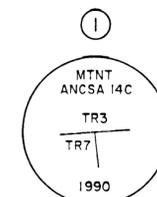
Recovered an alum. post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with alum. cap mkd. as shown, from which the original bearing trees  
A spruce, 6 ins. diam., bears S. 33° E., 25.7 ft. dist., mkd. X BT on open blazes.  
A spruce, 4 ins. diam., bears N. 80° W., 23.8 ft. dist., mkd. X BT on open blazes.



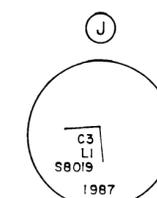
Recovered an alum. post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with alum. cap mkd. as shown, from which the original bearing trees  
A spruce, 4 ins. diam., bears N. 74° E., 13.2 ft. dist., mkd. X BT on open blazes.  
A spruce, 5 ins. diam., bears S. 28° E., 62.0 ft. dist., mkd. X BT on open blazes.



Set 26 ins. in the ground, with brass cap mkd. as shown, from which  
A spruce, 5 ins. diam., bears N. 45° E., 26.4 ft. dist., mkd. X BT.  
A spruce, 6 ins. diam., bears S. 48° W., 66.0 ft. dist., mkd. X BT.  
Bury a clear DEEP-1 magnet at the base of the stainless steel post.



Set 27 ins. in the ground, with brass cap mkd. as shown, from which  
A spruce, 4 ins. diam., bears S. 42° W., 25.7 ft. dist., mkd. X BT.  
A spruce, 5 ins. diam., bears N. 6 1/2° W., 20.5 ft. dist., mkd. X BT.  
Bury a clear DEEP-1 magnet at the base of the stainless steel post.



Recovered an alum. post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with alum. cap mkd. as shown, from which the original bearing trees  
A spruce, 6 ins. diam., bears N. 67° E., 15.8 ft. dist., mkd. X BT on open blazes.  
A spruce, 8 ins. diam., bears S. 18° W., 39.6 ft. dist., mkd. S8019 LI C3 BT on open blazes.

Mean Magnetic Declination 22 1/2° E.

JK

TRACT 4, BLOCKS 1 THROUGH 9,  
CRANBERRY RIDGE ROAD,  
AND ANDERSON AND CANDLE STREETS.

ALASKA NATIVE CLAIMS SETTLEMENT ACT  
(ANCSA) SECTION 14(c), TRACTS 1 THROUGH 9  
P.L. 92-203 (85 STAT. 688, 702, 703)

M.T.N.T., LIMITED  
AT  
McGRATH, ALASKA

REFERENCE SHOULD BE MADE  
TO  
SHEET No. 1  
FOR SURVEY INFORMATION

**NOTE**  
The Cranberry Ridge Subdivisions, Phases 1 and 2, were surveyed in 1988 by William S. Smith, Plat Nos. 89-7 and 89-8. The respective record acreages of 40.00 acres each is included in the total 14(c)(3) reconveyance.

TRACT 3  
SEE SHEET 3

CRANBERRY  
RIDGE  
RECREATION  
AREA

U.S. SURVEY No. 8019  
LOT 1

True Meridian  
Mean  
Magnetic  
Declination  
22 1/2° E.

Cranberry Ridge Road, and  
Anderson and Candle Streets  
encompass 44.16 acres.

Tract 4, Blocks 1 through 9,  
encompass 368.13 acres.

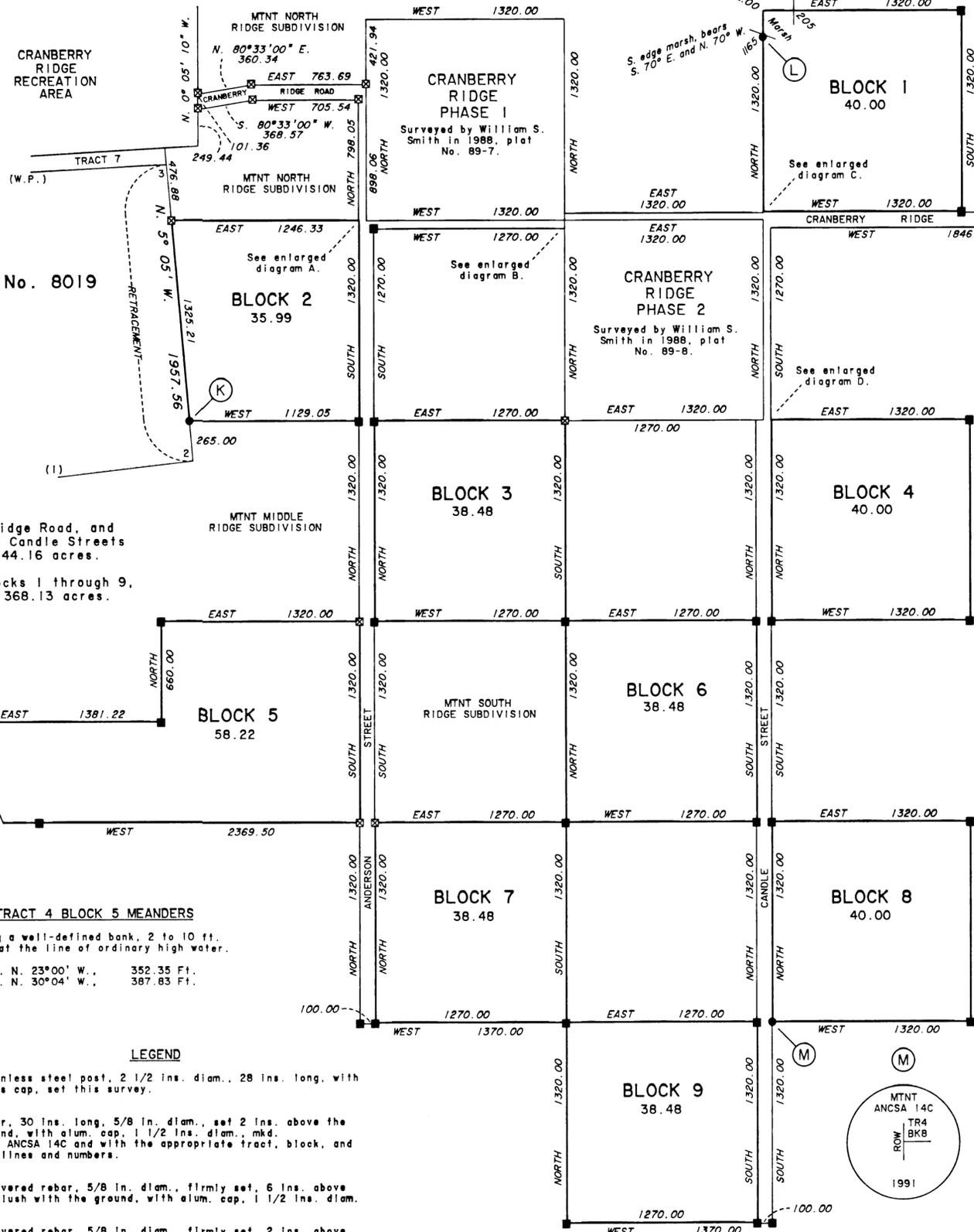
**TRACT 4 BLOCK 5 MEANDERS**

Along a well-defined bank, 2 to 10 ft.  
high, at the line of ordinary high water.

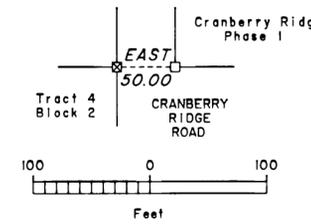
- N. 23°00' W., 352.35 Ft.
- N. 30°04' W., 387.83 Ft.

**LEGEND**

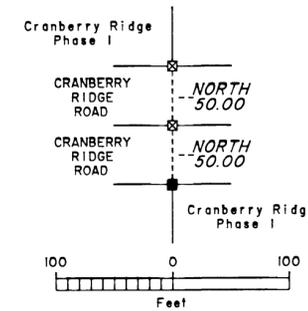
- Stainless steel post, 2 1/2 ins. diam., 28 ins. long, with brass cap, set this survey.
- Rebar, 30 ins. long, 5/8 in. diam., set 2 ins. above the ground, with alum. cap, 1 1/2 ins. diam., mkd. MTNT ANCSA 14C and with the appropriate tract, block, and lot lines and numbers.
- ☒ Recovered rebar, 5/8 in. diam., firmly set, 6 ins. above to flush with the ground, with alum. cap, 1 1/2 ins. diam.
- Recovered rebar, 5/8 in. diam., firmly set, 2 ins. above to 6 ins. below the ground, with no cap.



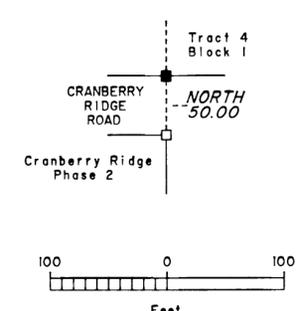
Enlarged Diagram A



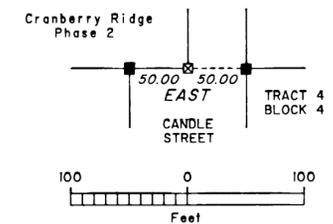
Enlarged Diagram B



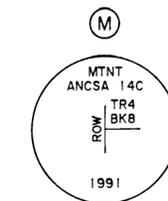
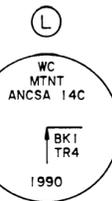
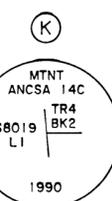
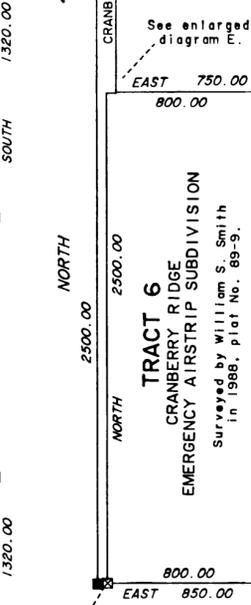
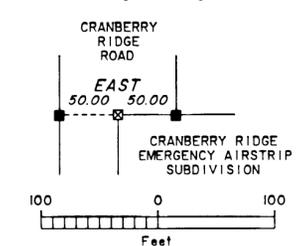
Enlarged Diagram C



Enlarged Diagram D



Enlarged Diagram E



- Set 27 ins. in the ground, with brass cap mkd. as shown, from which
- A spruce, 4 ins. diam., bears N. 45 1/2° E., 57.4 ft. dist., mkd. X BT.
- A spruce, 5 ins. diam., bears S. 46 1/4° E., 28.4 ft. dist., mkd. X BT.
- Bury a clear DEEP-1 magnet at the base of the stainless steel post.

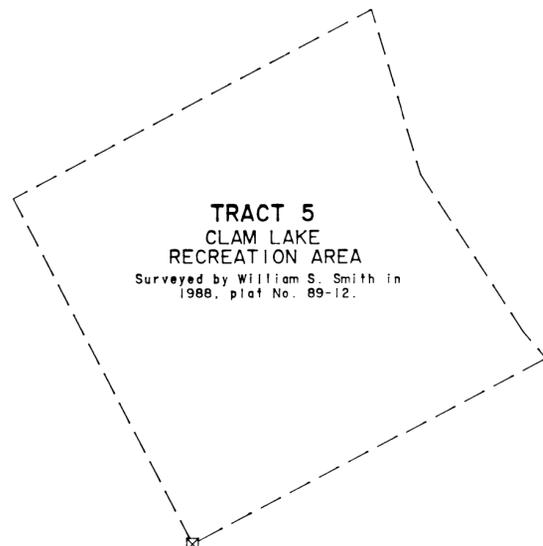
- Set 27 ins. in the ground, with brass cap mkd. as shown, from which
- A spruce, 4 ins. diam., bears N. 57° E., 10.7 ft. dist., mkd. X BT.
- A spruce, 4 ins. diam., bears S. 39 1/2° E., 12.9 ft. dist., mkd. X BT.
- Bury a clear DEEP-1 magnet at the base of the stainless steel post.

- Set 26 ins. in the ground, with brass cap mkd. as shown, from which
- A spruce, 5 ins. diam., bears S. 43° E., 37.0 ft. dist., mkd. X BT.
- A spruce, 5 ins. diam., bears S. 52° W., 27.7 ft. dist., mkd. X BT.
- Bury a clear DEEP-1 magnet at the base of the stainless steel post.

ALASKA NATIVE CLAIMS SETTLEMENT ACT  
(ANCSA) SECTION 14(c), TRACTS 1 THROUGH 9  
P.L. 92-203 (85 STAT. 688, 702, 703)

M.T.N.T., LIMITED  
AT  
McGRATH, ALASKA

REFERENCE SHOULD BE MADE  
TO  
SHEET No. 1  
FOR SURVEY INFORMATION



LEGEND

- Stainless steel post, 2 1/2 ins. diam., set 26 to 28 ins. in the ground, with brass cap mkd. with the cor. No., tract No., MTNT, ANCSA 14C, 1990, and the tract lines. Witness cor. meander cors. have additional marks WC, MC, an arrow pointing to the true point, and meander lines. Bury a clear DEEP-1 magnet at the base of the stainless steel posts.
- Recovered Bureau of Land Management monument.
- ⊠ Recovered rebar, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, with alum. cap, 1 1/2 ins. diam., mkd. 4107S CLR 1988.

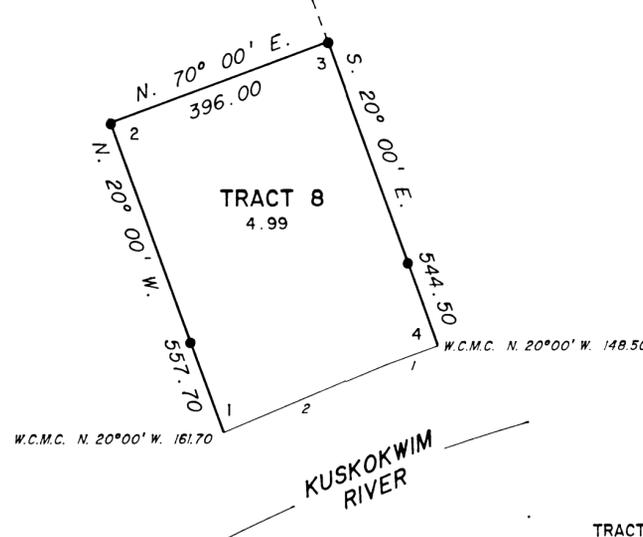
BEARING TREES

Cor.	Species	Diam.	Bearing	Distance
W.C.M.C. No. 1, Tract 8	Spruce	6 ins.	N. 81° W.	50.2 FT.
W.C.M.C. No. 1, Tract 8	Spruce	4 ins.	N. 2° W.	40.3 FT.
Cor. No. 2, Tract 8	Spruce	4 ins.	S. 59 1/4° E.	40.3 FT.
Cor. No. 2, Tract 8	Spruce	5 ins.	S. 41 1/4° W.	34.3 FT.
Cor. No. 3, Tract 8	Spruce	4 ins.	N. 61° E.	34.3 FT.
Cor. No. 3, Tract 8	Tamarack	4 ins.	S. 11° E.	44.9 FT.
W.C.M.C. No. 4, Tract 8	Tamarack	4 ins.	N. 3/4° E.	165.7 FT.
W.C.M.C. No. 4, Tract 8	Spruce	5 ins.	N. 72 1/4° W.	81.2 FT.
W.C.M.C. No. 1, Tract 9	Spruce	4 ins.	S. 6 1/2° E.	27.7 FT.
W.C.M.C. No. 1, Tract 9	Spruce	14 ins.	S. 64 1/2° W.	24.4 FT.
Cor. No. 2, Tract 9	Spruce	8 ins.	N. 79° E.	31.7 FT.
Cor. No. 2, Tract 9	Spruce	10 ins.	N. 12° W.	16.5 FT.
Cor. No. 3, Tract 9	Spruce	8 ins.	N. 27° E.	37.6 FT.
Cor. No. 3, Tract 9	Spruce	12 ins.	S. 80° E.	35.7 FT.
W.C.M.C. No. 4, Tract 9	Spruce	12 ins.	S. 2 1/2° E.	35.0 FT.
W.C.M.C. No. 4, Tract 9	Spruce	10 ins.	S. 76° W.	25.1 FT.

All bearing trees are marked X BT.



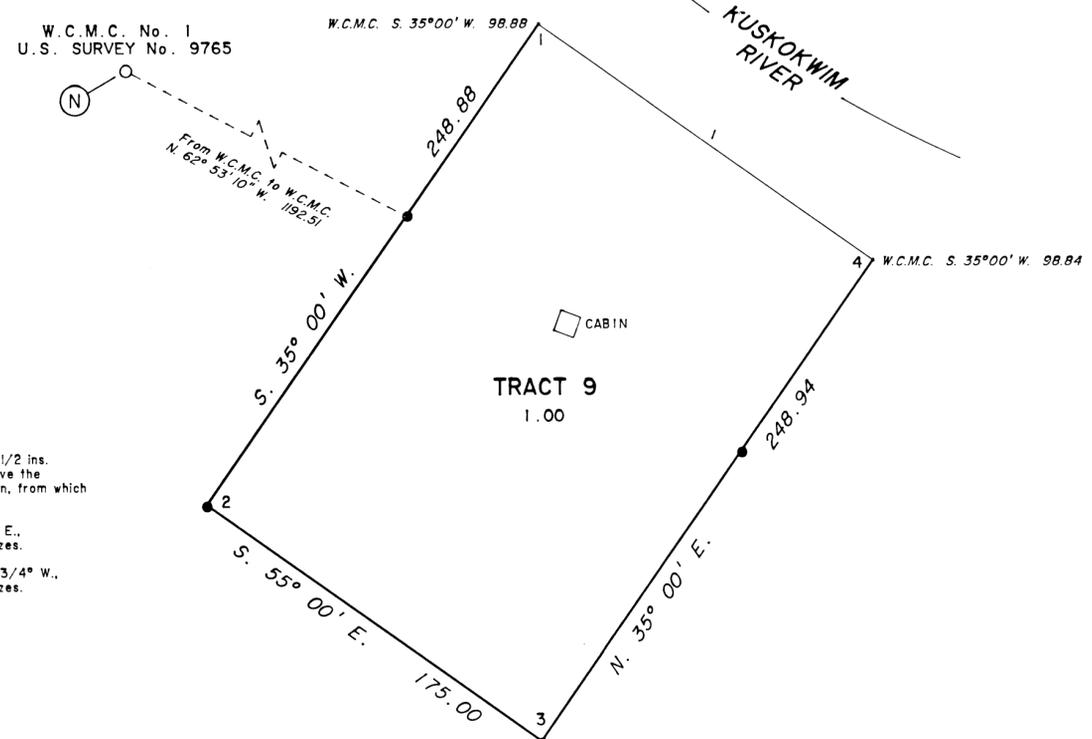
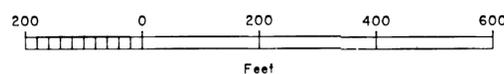
Mean  
Magnetic  
Declination  
22 1/2° E.



TRACT 8 MEANDERS

Along a well-defined bank, 8 to 10 ft. high, at the line of ordinary high water.

1. S. 70° 03' W., 94.38 Ft.
2. S. 67° 31' W., 301.62 Ft.



TRACT 9 MEANDERS

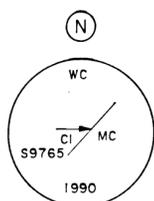
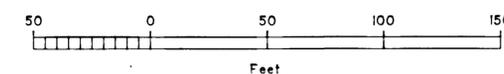
Along a well-defined bank, 8 to 10 ft. high, at the line of ordinary high water.

1. N. 55° 01' W., 175.00 Ft.

TRACT 9 IMPROVEMENTS

From the witness cor. to cor. No. 4, a meander cor.

The NE cor. of a log cabin, 12 x 12 ft., bears N. 50° 23' W., 89.8 ft. dist., E side bears S. 20° W.



Recovered a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd. as shown, from which the original bearing trees

A spruce, 6 ins. diam., bears N. 34° E., 16.5 ft. dist., mkd. X BT on open blazes.

A spruce, 12 ins. diam., bears S. 54 3/4° W., 13.9 ft. dist., mkd. X BT on open blazes.

93-4  
RECORDED - FILED  
MT. MCKINLEY CO. DIST. 0  
DATE MAY 28, 1993  
TIME 2:15 P.M.  
Requested by USA/BLM  
Address

JKK