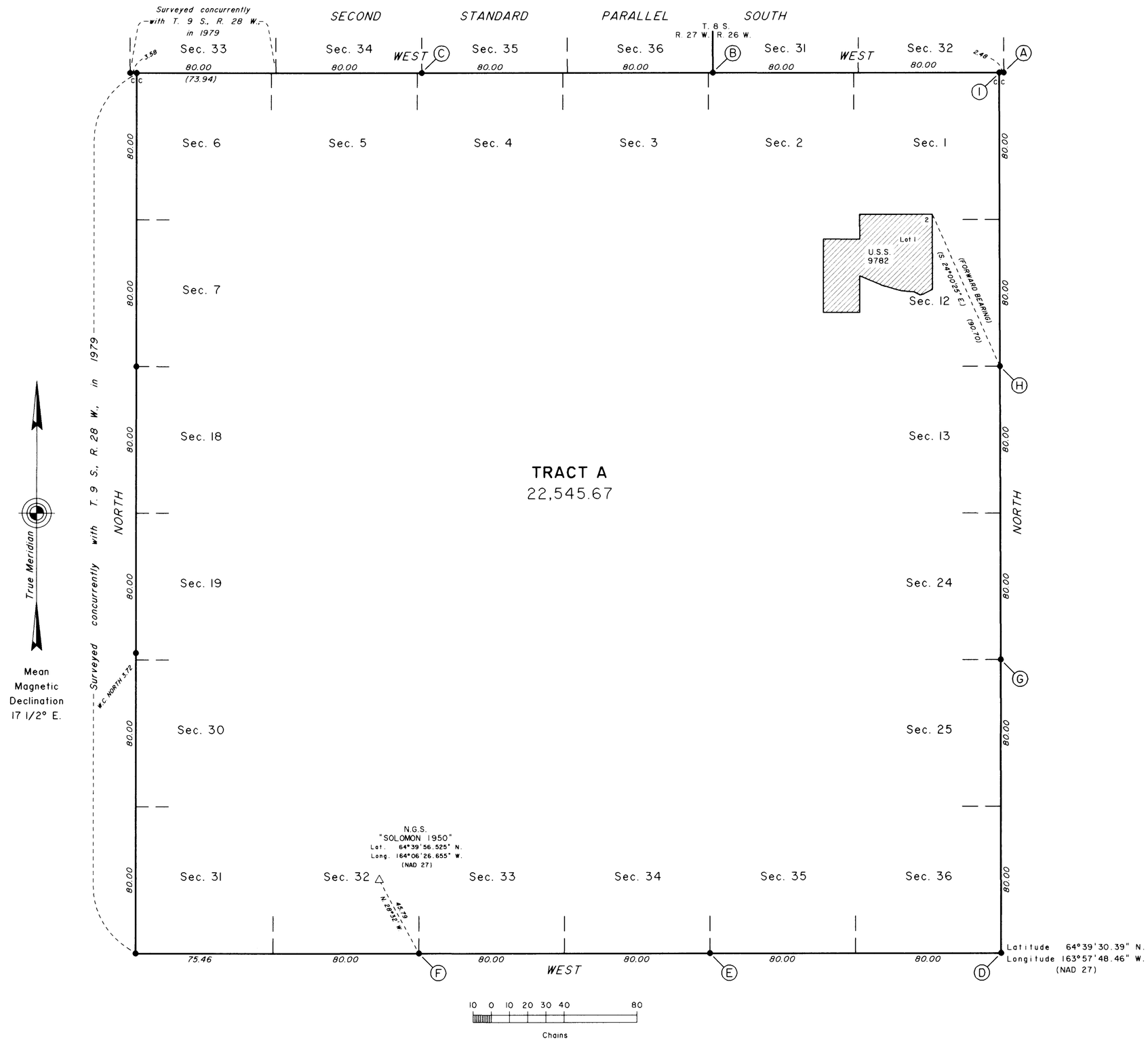
Officially Filed
DATE APRIL 4, 1997

ORIGINAL

TOWNSHIP 9 SOUTH, RANGE 27 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA



Area Surveyed: 22,545.67 Acres

This plat and the field notes of the survey monumentation provide the entire survey record.

This plat represents the survey of the Second Standard Parallel South along the south boundary of Township 8 South through a portion of Range 26 West and a portion of Range 27 West, and the south and east boundaries of Township 9 South, Range 27 West, Kateel River Meridian, Alaska.

U.S. Survey No. 9782 was surveyed by Steven G. Schmitt, Cadastral Surveyor, in 1989 and accepted subsequent to this survey and is depicted on this plat based upon the official records.

This survey was executed by John H. Herring, Registered Alaska Land Surveyor No. 953-S, for Bell, Herring and Associates, June 30 through August 15, 1979, in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions for Group No. 170, Alaska, dated July 5, 1978, approved August 10, 1978, Contract No. YA-512-CT9-117 dated May 7, 1979, and Notice to Proceed dated May 25, 1979.

Corner positions of this survey were determined by the Auto-Surveyor method utilizing control stations established by the National Geodetic Survey and the Bureau of Land Management. Monuments were set at protracted corner positions based upon the official Bureau of Land Management protraction diagrams.

The mean magnetic declination shown on this plat was obtained from U.S. Geological Survey quadrangle maps "SOLOMON (C-4)," Alaska, 1950 edition, with minor revisions in 1967 and "SOLOMON (C-5)," Alaska, 1950 edition, with minor revisions in 1973.

The aluminum triangular markers referred to in the field notes of the survey monumentation are 15 inches long on each side, with fluorescent orange plastic coating attached to 5/8-inch-diameter aluminum rods driven approximately 4 feet in the ground, with approximately 2 feet extending above the ground.

Acceptance of this survey does not purport to transfer any interest in submerged lands to which the state of Alaska is entitled under the Equal Footing Doctrine and Section 6(m) of the Alaska Statehood Act, P.L. 85-508, notwithstanding the use, location, or absence of meander lines to depict water bodies.

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 law and the regulations of this Bureau, is hereby accepted.

For the Director

George O. Grant — 12 February 1997
Date

Deputy State Director for Cadastral Survey, Alaska

DEG

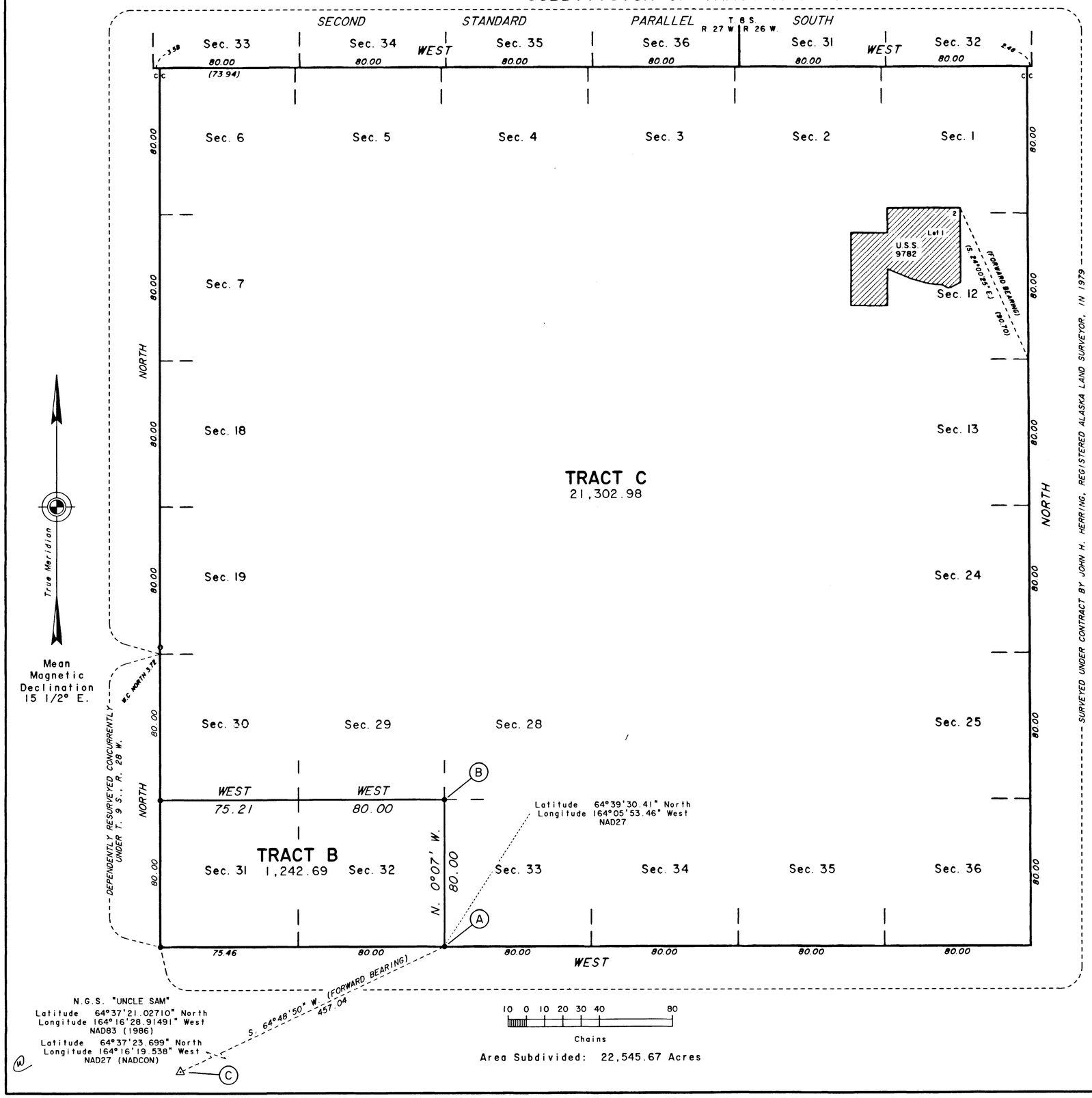
Prot Sheet K 13-11 ME
NOTES R-165

Officially Filed
DATE AUGUST 08, 2002

ORIGINAL

TOWNSHIP 9 SOUTH, RANGE 27 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA

SUBDIVISION OF TRACT A INTO TRACTS B AND C



Area Subdivided: 22,545.67 Acres

This plat (in 2 sheets) contains the entire survey record. Portions of this sheet are a scanned reproduction of the original plat, accepted February 12, 1997.

This plat (in 2 sheets) represents the survey of a portion of the subdivisional lines of Township 9 South, Range 27 West, Kateel River Meridian, Alaska.

The exterior boundaries of Township 9 South, Range 27 West, were surveyed under contract by John H. Herring, Registered Alaska Land Surveyor, in 1979.

U.S. Survey No. 9782 was surveyed by Steven G. Schmitt, Cadastral Surveyor, in 1989.

This survey was executed by Christopher D. Wiita, Cadastral Surveyor, June 17 to June 26, 2000, in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions for Group No. 756, Alaska, dated May 4, 2000, approved June 2, 2000, and Assignment Instructions dated June 9, 2000. Portions of Townships 9 South, Ranges 28 and 29 West, Townships 10 South, Ranges 27 through 29 West, and Townships 11 South, Ranges 28 and 29 West, were surveyed concurrently. The entire survey was executed using the Global Positioning System, utilizing post-processed static and real-time kinematic relative positioning techniques.

Field assistants were:

Marshal D. Wade, Land Surveyor
Matthew E. Campos, Student Trainee (LS)
Bill J. Lewellen, Student Trainee (LS)
Timothy P. Donahoe, Surveying Technician
Joshua J. Smail, Surveying Technician

Refer to sheet 2 for survey monumentation and additional survey information.

I, Christopher D. Wiita, HEREBY CERTIFY upon honor that in pursuance of Special Instructions for Group No. 756, Alaska, dated May 4, 2000, I have executed the survey depicted on his plat (in 2 sheets) in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in the specific manner described on this plat.

Christopher D. Wiita 14 JAN 2002
Date

Cadastral Surveyor

Acceptance of this survey does not purport to transfer any interest in submerged lands to which the State of Alaska is entitled under the Equal Footing Doctrine and Section 6(m) of the Alaska Statehood Act, P.L. 85-508, notwithstanding the use, location, or absence of meander lines to depict water bodies.

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

The survey represented by this plat (in 2 sheets), having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

George D. Quiatt 3 MAY 2002
Date

Deputy State Director for Cadastral Survey, Alaska

S.D.R.

Officially Filed
DATE AUGUST 08,2002

ORIGINAL

TOWNSHIP 9 SOUTH, RANGE 27 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA

SUBDIVISION OF TRACT A INTO TRACTS B AND C

The azimuth was obtained using the Global Positioning System, utilizing post-processed static and real-time kinematic relative positioning techniques, and refers to the true meridian.

The mean magnetic declination was derived from the U.S. Department of Defense World Magnetic Model 1995.

The surveyed area is situated approximately 12 miles northwesterly from the village of Solomon. The terrain is characterized by steeply sloping, open tundra, rising to approximately 1700 feet above sea level, with numerous barren scree slopes. The soil is silt and loam with rocks intermixed, found frozen 2 to 10 inches below the surface at time of survey. Access to the survey was by helicopter.

(A)

T9S R27W
S32 | S33
S5 | S4
T10S
1979

Found an alum. post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the surface, encircled by a mound of stone, 2 ft. base, to top of alum. cap mkd. as shown.

The original alum. rod accessory, 3/4 in. diam., firmly set, projecting 30 ins. above the surface, and encircled by a mound of stone, 2 ft. base, 1 ft. high, was found South of the alum. post, 10 lks. dist., with a faded orange alum. triangular marker bolted on top (Record, 5/8 in. diam.).

(B)

T9S R27W
S29 | S28
S32 | S33
2000

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. as shown.

Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, North of the stainless steel post.

Drive a steel fence post, 6 ft. long, 3 ft. in the ground, N. 10° W. of the stainless steel post, 4 1/2 ft. dist.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Position determined at protracted bearing and dist. from the cor. of secs. 4, 5, 32, and 33, on the south bdy. of the Tp. Located on a moderate easterly slope, in open tundra.

(C)

3TR1
△ 1950
UNCLE
SAM
30TH ENGRS

Found a United States Corps of Engineers brass tablet, 3 1/2 ins. diam., firmly cemented in the top of a mass of concrete set flush with the surface, 7 ins. diam., with top mkd. as shown.

Located and referenced as published in the official record.

Acceptance of this survey does not purport to transfer any interest in submerged lands to which the State of Alaska is entitled under the Equal Footing Doctrine and Section 6(m) of the Alaska Statehood Act, P.L. 85-508, notwithstanding the use, location, or absence of meander lines to depict water bodies.

REFERENCE SHOULD BE MADE TO SHEET 1
FOR SURVEY INFORMATION

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

The survey represented by this plat (in 2 sheets), having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

George P. Quiatt — 3 May 2002
Date

Deputy State Director for Cadastral Survey, Alaska

S.D.R.

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE MONUMENTATION OF

THE SURVEY DEPICTED ON THE PLAT

OF

TOWNSHIP 9 SOUTH, RANGE 27 WEST

OF THE KATEEL RIVER MERIDIAN

IN THE STATE OF ALASKA

EXECUTED BY

John H. Herring, Alaska Registered Land Surveyor

Under special instructions dated July 5, 1978, approved August 10, 1978, and contract No. YA-512-CT9-117, awarded May 7, 1979, which provided for the surveys included under Group Number 170, and notice to proceed dated May 25, 1979.

Survey commenced: June 30, 1979

Survey completed: August 15, 1979

Township 9 South, Range 27 West
Kateel River Meridian, Alaska

Chains

The following field notes describe the monumentation of the survey depicted on the plat of Township 9 South, Range 27 West, Kateel River Meridian, Alaska.

Refer to the plat memorandum for pertinent information.

A

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with an alum. cap mkd.

SC

T 8 S S 32	R 26 W S 33

1979

No accessories available, pits impractical.

Set an alum. triangle marker, N. of cor., 10 lks. dist.

Cor. is located on a SE slope, on open tundra. The soil is loose rock.

B

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, and in a collar of stone, with an alum. cap mkd.

SC

T 8 S

R 27 W S 36	R 26 W S 31

1979

No accessories available, pits impractical.

Set an alum. triangle marker, N. of cor., 10 lks. dist.

Cor. is located on a SE slope, on open tundra. The soil is rocky. The top of a hill, bears N., 20 lks. dist.

C

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with an alum. cap mkd.

SC

T 8 S S 34	R 27 W S 35

1979

No accessories available, pits impractical.

Township 9 South, Range 27 West
Kateel River Meridian, Alaska

Chains

Set an alum. triangle marker, S. of cor., 10 lks. dist.

Cor. is located on a SE slope, on open tundra. The soil is loose rock and gravel.

D

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8 ft. in the ground, with alum. cap mkd.

T 9 S R 27 W S 36	R 26 W S 31
S 1	S 6

T 10 S
1979

No accessories available, pits impractical.

Set an alum. triangle marker, S. of cor., 10 lks. dist.

Cor. is located on an open, flat, wet, and grassy tundra. The soil is permafrost.

E

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8 1/2 ft. in the ground, with alum. cap mkd.

T 9 S S 34	R 27 W S 35
S 3	S 2

T 10 S
1979

No accessories available, pits impractical.

Set an alum. triangle marker, N. of cor., 11 lks. dist.

Cor. is located on a slight E. slope, on open tundra.

F

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with an alum. cap mkd.

T 9 S S 32	R 27 W S 33
S 5	S 4

T 10 S
1979

No accessories available, pits impractical.

Township 9 South, Range 27 West
Kateel River Meridian, Alaska

Chains

Set an alum. triangle marker, S. of cor., 10 lks. dist.

Cor. is located on an open E. slope. The soil is rocky.

From this point, N.G.S. triangulation station "Solomon, 1950", found in good condition, as described in the official record, bears N. 28° 32' W., 45.79 chs. dist.

Lat. 64° 39' 56.525" N. Long. 164° 06' 26.655" W.
(NAD 27)

G

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8 ft. in the ground, with alum. cap mkd.

T 9 S
R 27 W | R 26 W
S 24 | S 19

S 25 | S 30

1979

No accessories available, pits impractical.

Set an alum. triangle marker, N. of cor., 11 lks. dist.

Cor. is located in a 50 ft. cleared area, in timber of willow.

H

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with an alum. cap mkd.

T 9 S
R 27 W | R 26 W
S 12 | S 7

S 13 | S 18

1979

No accessories available, pits impractical.

Set an alum. triangle marker, S. of cor., 10 lks. dist.

Cor. is located on a N. slope, on open tundra. The soil is loose rock.

From this point, Cor. No. 2, Lot 1, U.S. Survey No. 9782, bears S. 24° 00' 25 E. (forward bearing), 90.70 chs. dist.

I

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 29 ins. in the ground, with an alum. cap mkd.

Township 9 South, Range 27 West
Kateel River Meridian, Alaska

Chains	
	T 8 S R 26 W S 32 S 1 | S 6 R 27 W | R 26 W T 9 S CC 1979 Set an alum. triangle marker, S. of cor., 10 lks. dist. Cor. is located on a slight SE slope, on open tundra. The soil is clay and rock.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Howard J. Sherman	Chief of Parties (LS)
Robert A. Brown	Party Chief (LS)
Ronald E. Schwind	Party Chief (LS)
W. Robert McVitty	Instrumentman
W. Wayne Jones	Instrumentman
Jack McCollum	Head Chainman
Donald W. Elbert	Rear Chainman

CERTIFICATE OF SURVEY

I, Larry D. Evans, Chief, Branch of Field Surveys, HEREBY CERTIFY upon honor that, John H. Herring, Alaska License Land Surveyor, No. 953-S, for Bell, Herring and Associates, in pursuance of special instructions bearing date of the 5th day of July, 1978, and under Contract No. YA-512-CT9-117, awarded the 7th day of May, 1979, surveyed the Second Standard Parallel South along the south boundary of Township 8 South through a portion of Ranges 26 and 27 West, and the south and east boundaries of Township 9 South, Range 27 West, Kateel River Meridian, in the State of Alaska, which is represented in the foregoing field notes as having been executed by him, and under his 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.

The firm Bell, Herring and Associates is no longer in existence.

February 11, 1997 (Date)

Larry D. Evans (Chief, Branch of Field Surveys)

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 John H. Herring, Alaska License Land Surveyor, having been critically examined and found correct, are hereby approved.

12 February 1997 (Date)

George P. Christie (Deputy State Director for Cadastral Survey, Alaska)