Form 9180-6 (April 1974)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

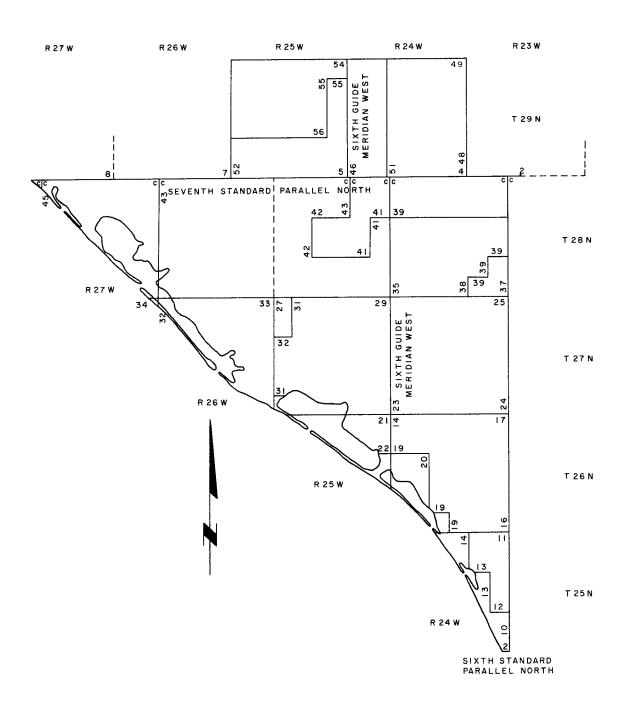
ORIGINAL

FIELD NOTES

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OF	
THE SURVEY OF THE SIXTH STANDARD PARALLEL NORTH,	
ALONG THE SOUTH BOUNDARY OF TOWNSHIP 25 NORTH, THROUGH RANGE 24	WEST;
THE SEVENTH STANDARD PARALLEL NORTH,	
ALONG THE SOUTH BOUNDARY OF TOWNSHIPS 29 NORTH,	
THROUGH A PORTION OF RANGE 23 WEST AND	
THROUGH RANGES 24, 25, 26 AND 27 WEST;	
THE SIXTH GUIDE MERIDIAN WEST,	
THROUGH TOWNSHIPS 26, 27, 28 AND 29 NORTH,	
BETWEEN RANGES 24 AND 25 WEST;	
THE BOUNDARIES OF TOWNSHIP 25 NORTH, RANGE 24 WEST;	
THE BOUNDARIES OF TOWNSHIPS 26 NORTH, RANGES 24 AND 25 WES	Τ;
THE BOUNDARIES OF TOWNSHIPS 27 NORTH, RANGES 24, 25, 26 AND 27	WEST;
THE BOUNDARIES OF TOWNSHIPS 28 NORTH, RANGES 24, 25, 26 AND 27	WEST;
THE BOUNDARIES OF TOWNSHIPS 29 NORTH, RANGES 24 AND 25 WES	T;
AND PORTIONS OF THE SUBDIVISIONAL LINES OF	
TOWNSHIP 25 NORTH, RANGE 24 WEST; TOWNSHIPS 26 NORTH, RANGES 24 AN	<u>D 25 WEST:</u>
TOWNSHIP 27 NORTH, RANGE 25 WEST; TOWNSHIPS 28 NORTH, RANGES 24 AN	<u>D 25 WEST:</u>
AND TOWNSHIPS 29 NORTH, RANGES 24 AND 25 WEST	
Of theKATEEL RIVER	Meridian,
In the State of ALASKA	,
EXECUTED BY	
George C. Schwaderer for Schwaderer & Budka	
Under special instructions dated February 4, 1976, approved March 19,	1976,
and Contract No. YA-512-CT6-208	<u> </u>
, which provided for the surveys included undef \mathcal{U} .S	/survey/Group
Number, and assignment instructions dated	
and Notice to Proceed, dated July 20, 1976	
Survey commenced July 27 , 1976	
Survey completed August 28 , 1976	

INDEX DIAGRAM



t System The state

CHAINS		
	This survey establishes the Sixth Standard Parallel North through Range 24 West, the Seventh Standard Parallel North through a portion of Range 23 West and through Ranges 24, 25, 26 and 27 West, the Sixth Guide Meridian West through Townships 26, 27, 28 and 29 North, between Ranges 24 and 25 West, the boundaries of Townships 25 North, Range 24 West, the boundaries of Townships 26 North, Ranges 24 and 25 West, the boundaries of Townships 27 North, Ranges 24, 25, 26 and 27 West, the boundaries of Townships 28 North, Ranges 24, 25, 26 and 27 West, the boundaries of Townships 29 North, Ranges 24 and 25 West and portions of the subdivisional lines of Township 25 North, Ranges 24 West, Townships 26 North, Ranges 24 and 25 West, Township 27 North, Range 25 West, Township 28 North, Ranges 24 west, Townships 26 North, Ranges 24 and 25 West, Township 27 North, Range 25 West, Townships 28 North, Ranges 24 and 25 West and Townships 29 North, Ranges 24 and 25 West of the Kateel River Meridian, Alaska.	
	The lines established by this survey and described herein, form the boundaries of land authorized for survey as described in the Special Instructions for Group No. 257, Alaska, dated February 4, 1976 and approved March 19, 1976.	
	Corners in this survey were established using horizontal control stations established by the U.S. Coast and Geo- detic Survey and by the U.S. Army Corps of Engineers. Appropriate stations were occupied and certain corners in the survey were established at their protracted posi- tions using precomputed bearings and distances. Corners so established are identified by ties in the notes from the corners to the control stations from which they were established. Protracted positions are based on official Bureau of Land Management protraction diagrams.	
	Actual on-the-ground line was then measured from pre- established points to the protracted positions. All intermediate corners were established on the true parallel of latitude at their proper distance.	
	The survey was executed in accordance with the contract schedule of contract number YA-512-CT6-208, dated July 20, 1976 and in accordance with the <u>Manual of</u> <u>Surveying Instructions, 1973</u> , and the Special Instructions dated February 4, 1976.	
	The azimuths used in this survey and the directions of lines reported in these notes refer to the true meridian as obtained from the existing horizontal control stations situated throughout the survey.	
	The initial point of the Kateel River Meridian, U.S. Coast and Geodetic Survey triangulation station "JAY 1953", Latitude 65°26'16.374" North, Longitude 158°45' 31.014" West, North American Datum, 1927, is used to control the geographic position for the rectangular sur- vey system established by this survey. The geographic position of the standard corner of Townships 25 North, Ranges 23 and 24 West is: Latitude 67°30'57.57" North, Longitude 163°57'37.23" West.	
	The 1955 approximate mean magnetic declination as reported for the area by the U.S. Geological Survey is 18°30' East.	

Group No. 257, Kateel River Meridian, Alaska

6th Stan. Par. N., S. Bdy. of T. 25 N., R. 24 W., Kateel River Mer., Alaska

Sixth Standard Parallel North on the South Boundary of T. 25 N., R. 24 W., Kateel River Meridian, Alaska Beginning at the point for the stan. cor. of Tps. 25 N., Rs. 23 and 24 W. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. Hiam., 7 1/2 ft. in the ground, with brass cap mkd. SC T25N R24W R23W S36 S31 1976From which U.S.C. & G.S. triangulation station "NIGGER 1950"
South Boundary of T. 25 N., R. 24 W., Kateel River Meridian, Alaska Beginning at the point for the stan. cor. of Tps. 25 N., Rs. 23 and 24 W. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. Ham., 7 1/2 ft. in the ground, with brass cap mkd. SC T25N R24W R23W S36 S31 1976
South Boundary of T. 25 N., R. 24 W., Kateel River Meridian, Alaska Beginning at the point for the stan. cor. of Tps. 25 N., Rs. 23 and 24 W. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. Ham., 7 1/2 ft. in the ground, with brass cap mkd. SC T25N R24W R23W S36 S31 1976
Kateel River Meridian, Alaska Beginning at the point for the stan. cor. of Tps. 25 N., Rs. 23 and 24 W. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. Hiam., 7 1/2 ft. in the ground, with brass cap mkd. SC T25N R24W R23W S36 S31 1976
As. 23 and 24 W. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. Hiam., 7 1/2 ft. in the ground, with brass cap mkd. SC T25N R24W S36 S31 1976 From which
As. 23 and 24 W. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. Hiam., 7 1/2 ft. in the ground, with brass cap mkd. SC T25N R24W S36 S31 1976 From which
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liam., 7 1/2 ft. in the ground, with brass cap mkd. SC T25N R24W R23W S36 S31 1976 From which
liam., 7 1/2 ft. in the ground, with brass cap mkd. SC T25N R24W R23W S36 S31 1976 From which
$ \begin{array}{c} SC \\ T25N \\ R24W \\ S36 \\ S31 \\ 1976 \end{array} $ From which
$ \begin{array}{c c} T25N \\ R24W \\ S36 \\ S31 \\ 1976 \\ \hline Tom which \\ \end{array} $
$ \begin{array}{c cccc} R24W & R23W \\ S36 & S31 \\ \hline 1976 \\ \hline \hline rom which \\ \hline \end{array} $
<u>S36</u> S31 1976 From which
rom which
rom which
II S C & C S triangulation station "NTCOED 1050"
bears N. 29°54' W., 400.40 chs. dist., monumented
with a standard brass cap brazed to a 1-in. diam.
iron pipe 5 ins. above the ground, with top mkd. "NIGGER 1950".
NIGGER 1950 .
Vest, with the establishment of the 6th Stan. Par. N.,
on the S. bdy. of sec. 36, T. 25 N., R. 24 W.
Point selected for the witness cor. to the meander cor.
of sec. 36.
Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins.
in the ground, with brass cap mkd.
WC
\ T25N
R24W
MC 536
1976
from which
U.S.C. & G.S. triangulation station "NIGGER 1950", heretofore described, bears N. 25°06' W., 383.27 chs
dist.
East shore of Chukchi Sea, bears N. 24° W. and S. 24° E.; true point for the meander cor. of sec. 36; eroding
bank, not monumented.
tand noarly lovol
Land, nearly level. Soil, frozen silt.
No timber or undergrowth.
Seventh Standard Parallel North on the
South Boundary of T. 29 N., R. 23 W.,
Kateel River Meridian, Alaska
Beginning at the point for the stan. cor. of secs. 33 and 34, T. 29 N., R. 23 W.
anu J4, 1. 27 N., N. 23 W.

	Kateel River Mer., Alaska
CHAINS	Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.
	SC
	T29N R23W S33 S34
	1976
	from which
	The westerly shore of a small pond, bears East, 23 lks. dist.
	U.S.C. & G.S. triangulation intersection station "LAKE 1954", bears N. 9 ⁰ 16' E., 63.13 chs. dist., monumented with a standard brass cap brazed to a 1 1/4-in. diam. copper pipe, one ft. above ground, with top mkd. "LAKE 1954".
	West, with the establishment of the 7th Stan. Par. N., on the S. bdy. of sec. 33, T. 29 N., R. 23 W.
80.0	Point for the stan. cor. of secs. 32 and 33.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	SC T29N R23W S32 S33
	1976
	Land, nearly level and gently rolling. Soil, frozen silt. No timber or undergrowth.
	West, on the S. bdy. of sec. 32.
80.0	Point for the stan cor. of secs. 31 and 32; not monumented.
	Land, gently rolling.
	Soil, frozen silt. No timber or undergrowth.
	West, on the S. bdy. of sec. 31.
80.0	Point for the stan. cor. of Tps. 29 N., Rs. 23 and 24 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins in the ground, with brass cap mkd.
	SC T29N
	R24W R23W
	<u>\$36</u> <u>\$31</u>
	1976
	Land, gently rolling and nearly level. Soil, frozen silt. No timber or undergrowth.

7th Stan. Par. N., S. Bdy. of T. 29 N., R. 23 W., Kateel River Mer., Alaska

3

7th Stan. Par. N., S. Bdy. of T. 29 N., R. 24 W., Kateel River Mer., Alaska

CHAINS								
	Seventh Standard Parallel North on the South Boundary of T. 29 N., R. 24 W., Kateel River Meridian, Alaska							
	West, with the establishment of the 7th Stan. Par. N., on the S. bdy. of sec. 36 T. 29 N., R. 24 W., from the stan. Tp. cor.							
	Point for the stan. cor. of secs. 35 and 36; not monumented.							
	Land, rolling. Soil, frozen silt. No timber or undergrowth.							
	West, on the S. bdy. of Sec. 35.							
80.00	Point for the stan. cor. of secs. 34 and 35.							
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.							
	SC T29N R24W S34 S35							
	1976							
	Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth.							
	West, on the S. bdy. of sec. 34.							
80.00	Point for the stan. cor. of secs. 33 and 34; not monumented.							
	Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth.							
	West, on the S. bdy. of sec. 33.							
75.45	Nameless creek, 15 lks. wide, northerly course.							
80.00	Point for the stan. cor. of sec. 32 and 33.							
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.							
	SC T29N R24W S32 S33							
	1976							
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.							
	West, on the S. bdy. of sec. 32.							
80.00	Point for the stan. cor. of secs. 31 and 32; not monumented.							

7th Stan.	Par.	Ν.,	s.	Bdy.	of	T.	29	Ν.,	R.	24	W.,
	K	atee.	L R:	iver l	Mer	•••	Ala	ska			

CHAINS Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. West, on the S. bdy. of sec. 31. 80.00 Point for the stan. cor. of Tps. 29 N., Rs. 24 and 25 W. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. SC T29N R25W R24W S36 S31 1976 Land, rolling hills. Soil, frozen silt and clay, rocky on hilltops. No timber or undergrowth. Seventh Standard Parallel North on the South Boundary of T. 29 N., R. 25 W., Kateel River Meridian, Alaska West, with the establishment of the 7th Stan. Par. N., on the S. bdy. of sec. 36, T. 29 N., R. 25 W., from the stan. Tp. cor. Left bank of the Kivalina River, course S. 20° W.; point 42.11 for the meander cor. of sec. 36. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R25W S36 47.68 Right bank of the Kivalina River; point for the meander cor. of sec. 36. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a mound of stone, 3 ft. base to top of brass cap, mkd. R25W S36 1976 80.00 Point for the stan. cor. of secs. 35 and 36; not monumented. Land, rolling and nearly level east of river; mountainous west of river. Soil, sandy gravel and silt east of river; rocky west of river. No timber; willow undergrowth in river bottom.

7th Stan. Par. N., S. Bdy. of T. 29 N., R. 25 W., Kateel River Mer., Alaska

CHAINS West, on the S. bdy. of sec. 35. 80.00 Point for the stan. cor. of secs. 34 and 35. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. SC T29N R25W S34 S35 1976 Land, rolling hills. Soil, frozen clay and silt. No timber or undergrowth. West, on the S. bdy. of sec. 34. Right bank of the Kivalina River, course N. 70° W.; 12.31 point for the meander cor. of sec. 34. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R25W s34 МC 1976 Thence downstream in loop of river. 45.91 Right bank of the Kivalina River, course S. 45° W.; point for the meander cor. of sec. 34. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T2**9**N R25W S34 мС 1976 80.00 Point for the stan. cor. of secs. 33 and 34; not monumented. Land, nearly level. Soil, sand and gravel along river; frozen silt east and west of river. No timber; dense willow undergrowth along river. West, on the S. bdy. of sec. 33. Point for the stan. cor. of secs. 32 and 33. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. SC T29N R25W S32 S33 1976

7th Stan. Par. N., S. Bdy. of T. 29 N., R. 25 W., Kateel River Mer., Alaska

CHAINS Land, nearly level in eastern portion; remainder rolling hills. Soil, frozen silt and clay. No timber or undergrowth. West, on the S. bdy. of sec. 32. 80.00 Point for the stan. cor. of secs. 31 and 32; not monumented. Land, rolling hills. Soil, frozen silt and clay; stoney on hilltops. No timber or undergrowth. West, on the S. bdy. of sec. 31. 80.00 Point for the stan. cor. of Tps. 29 N., Rs. 25 and 26 W. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. SC T29N R26W R25W S31 S36 1976 Land, rolling hills. Soil, frozen silt and clay; stoney on hilltops. No timber; willow undergrowth in creek bottoms. Seventh Standard Parallel North on the South Boundary of T. 29 N., R. 26 W., Kateel River Meridian, Alaska West, with the establishment of the 7th Stan. Par. N., on the S. bdy. of sec. 36, T. 29 N., R. 26 W., from the stan. Tp. cor. 80.00 Point for the stan. cor. of secs. 35 and 36; not monumented. Land, gently rolling hills. Soil, frozen silt. No timber; willow undergrowth in creek bottoms. West, on the S. bdy. of sec. 35. 80.00 Point for the stan. cor. of secs. 34 and 35. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. SC T29N R26W S34 S35 1976 Land, rolling hills. Soil, frozen silt and clay; stoney on hilltops. No timber on undergrowth.

7th Stan. Par. N., S. Bdy. of T. 29 N., R. 26 W., Kateel River Mer., Alaska

	Kateel River Mer., Alaska
CHAINS	West on the S hdy of sec 34
80.00	West, on the S. bdy. of sec. 34. Point for the stan. cor. of secs. 33 and 34; not
	monumented. Land, gently rolling hills. Soil, frozen silt and clay.
	No timber or undergrowth.
	West, on the S. bdy. of sec. 33.
80.00	Point for the stan. cor. of secs. 32 and 33. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	SC
	T29N R26W S32 S33
	1976
	Land, rolling hills. Soil, frozen silt and clay. No timber; willow undergrowth in creek bottom.
	West, on the S. bdy. of sec. 32.
80.00	Point for the stan. cor. of secs. 31 and 32; not monumented.
	Land, gently rolling. Soil, frozen silt and clay. No timber or undergrowth.
	West, on the S. bdy. of sec. 31.
80.00	Point for the stan. cor. of Tps. 29 N., Rs. 26 and 27 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	SC T29N
	R27W R26W S36 S31
	1976
	Land, gently rolling in eastern portion; remainder rolling hills. Soil, frozen silt and clay; stoney on hillstops.
	No timber or undergrowth.
	Seventh Standard Parallel North on the South Boundary of T. 29 N., R. 27 W., Kateel River Meridian, Alaska
	West, with the establishment of the 7th Stan. Par. N., on the S. bdy. of sec. 36, T. 29 N., R. 27 W., from the stan. Tp. cor.
80.00	Point for the stan. cor. of secs. 35 and 36; not monumented.
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7th Stan. Par. N., S. Bdy. of T. 29 N., R. 27 W., Kateel River Mer., Alaska

CHAINS Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. West, on the S. bdy. of sec. 35. Point for the stan. cor. of secs. 34 and 35. 80.00 Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. SCT29N | R27W S34 S35 1976 Land, rolling hills. Soil, frozen silt. No timber or undergrowth. West, on the S. bdy. of sec. 34. 80.00 Point for the stan. cor. of secs. 33 and 34; not monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, on the S. bdy. of sec. 33. Point for the stan. cor. of secs. 32 and 33. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. SC T29N R27W S32 S33 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, on the S. bdy. of sec. 32. East shore of Chukchi Sea, bears N. 52° W. and S. 52° E.; 6.16 point for the meander cor. of sec. 32. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T29N R27W S32 MC 1976

7th Stan. Par. N., S. Bdy. of T. 29 N., R. 27 W., Kateel River Mer., Alaska

	Kateer River Mer., Alaska
CHAINS	from which
	U.S.C. & G.S. triangulation station "BUBBLES 1950", bears N. 3 [°] 36' W., 120.86 chs. dist., monumented with a standard brass cap, cemented into a depression of outcropping rock, with top mkd. "BUBBLES 1950".
	Land, level. Soil, sand and gravel. No timber or undergrowth.
	East Boundary of T. 25 N., R. 24 W., Kateel River Meridian, Alaska
	From the stan. cor. of Tps. 25 N., Rs. 23 and 24 W.; heretofore described.
	North, with the establishment of the line bet. Tps. 25 N., Rs. 23 and 24 W., bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not monumented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 25 and 30.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.
	T25N R24W R23W <u>S24 S19</u> S25 S30 1976
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 19 and 24.
80.00	Point for the cor. of secs. 13, 18, 19 and 24; not monumented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 13 and 18.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T25N R24W R23W <u>S12 S7</u> S13 S18 1976
	1970

E. Bdy. of T. 25 N., R. 24 W., Kateel River Mer., Alaska

CHAINS	Land, gently rolling.
	Soil, frozen silt. No timber on undergrowth.
	North, bet. secs. 7 and 12.
80.00	Point for the cor. of secs. 1, 6, 7 and 12; not monu- mented.
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 1 and 6.
80.00	Point for the cor. of Tps. 25 and 26 N., Rs. 23 and 24 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T26N
	R24W R23W <u>S36</u> S31 S1 S6 T25N
	1976
	Land, gently rolling. Soil, frozen silt and clay. No timber or undergrowth.
	North Boundary of T. 25 N., R. 24 W., Kateel River Meridian, Alaska
	From the cor. of Tps. 25 and 26 N., Rs. 23 and 24 W.
	West, with the establishment of the line bet. Tps. 25 and 26 N., R. 24 W., bet. secs. 1 and 36.
80.00	Point for the cor. of secs. 1, 2, 35 and 36; not monu- mented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 2 and 35.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T26N R24W S34 S35 S3 S2 T25N
	1976
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.

4.00

N. Bdy. of T. 25 N., R. 24 W., Kateel River Mer., Alaska

CHAINS West, bet. secs. 3 and 34. 80.00 Point for the cor. of secs. 3, 4, 33 and 34. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. R24W T26N S33 S34 S3 S4 T25N 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 4 and 33. 60.40 Easterly shore of Ipiavik Lagoon, bears N. and S., point for the meander cor. of secs. 4 and 33; not monumented. 62.46 Southwesterly shore of Ipiavik Lagoon, bears N. 35° W. and S. 35° E.; point for the meander cor. of secs. 4 and 33. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T26N S33 R24W MC S4 T 2 5N 1976 66.31 East shore of Chukchi Sea, bears N. 45° W. and S. 40° E.; point for the meander cor. of secs. 4 and 33. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T26N S33 -----R24W S4 T25N 1976 from which U.S.C. & G.S. triangulation station "NIGGER 1950", heretofore described, bears S. 38°50' E., 170.72 chs. dist. Land, nearly level. Soil, frozen silt east of lagoon; sand and gravel on spit. No timber or undergrowth. Subdivisional Lines of T. 25 N., R. 24 W., Kateel River Meridian, Alaska From the cor. of secs. 19, 24, 25 and 30, on the east bdy., heretofore described. West, bet. secs. 24 and 25. Point for the cor. of secs. 23, 24, 25 and 26. 80.00

Subdivision of T. 25 N., R. 24 W., Kateel River Mer., Alaska

	Rateer River Mer., Alaska
CHAINS	Set a copper-coated steel rod, 6 1/2 ft. long, 5/8 ins.
	diam., 6 ft. in the ground, with brass cap mkd. T25N R24W
	<u> S23 S24 S26 S25 1976 </u>
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	N. 0 ⁰ 02' W., bet. secs. 23 and 24.
80.00	Point for the cor. of secs. 13, 14, 23 and 24; not monumented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	N. 0 ⁰ 02' W., bet. secs. 13 and 14.
80.00	Point for the cor. of secs. 11, 12, 13 and 14.
	Set a copper-coated steel rod, 7 ft. long, 5/8 ins. diam., 6 1/2 ft. in the ground, with brass cap mkd.
	T25N R24W S11 S12 S14 S13 1976
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 11 and 14.
65.56	Point selected for the witness cor. to the meander cor. of secs. 11 and 14.
	Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.
	WC T25N R24W S11 MC S14
· ·	1976
	from which
	U.S.C. & G. S. triangulation station "NIGGER 1950", heretofore described, bears N. 63 ⁰ 28' W., 60.39 chs. dist.
67.53	East shore of a nameless lagoon, bears N. 30 [°] W. and S. 20 [°] E.; true point for the meander cor. of secs. 11 and 14; unsafe location, not monumented.

I

Subdivision of T. 25 N., R. 24 W., Kateel River Mer., Alaska

CHAINS Land, gently rolling. Soil, frozen silt. No timber or undergrowth. From the cor. of secs. 2, 3, 34 and 35, on the north bdy., heretofore described. S. $0^{\circ}04'$ E., bet. secs. 2 and 3. 80.00 Point for the cor. of secs. 2, 3, 10 and 11; not monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. S. 0⁰04' E., bet. secs. 10 and 11. North shore of a nameless lagoon, bears N. 85° W. and S. 67.05 50° E.; point for the meander cor of secs. 10 and 11. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap. mkd. T25N R24W S11 S10 MC 1976 from which U.S.C. & G.S. triangulation station "NIGGER 1950", heretofore described, bears N. 70 $^{\circ}$ 29' W., 41.99 chs. dist. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. Sixth Guide Meridian West on the West Boundary of T. 26 N., R. 24 W., Kateel River Meridian, Alaska Beginning at the point for the cor. of Tps. 26 and 27 N., Rs. 24 and 25 W. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T27N R24W R25W S36 S31 **S1** S6 T26N 1976 from which U.S.C. & G.S. triangulation station "FLATS 1950", bears S. $4^{\circ}22$ ' E., 320.67 chs. dist., monumented with a standard brass cap brazed to a 2-in. diam. iron pipe, 3 ins. above the ground, with top mkd. "FLATS 1950".

6th G.M. West, T. 26 N., Bet. Rs. 24 and 25 W., Kateel River Mer., Alaska

 	Kateel River Mer., Alaska	
CHAINS		
	South, with the establishment of the 6th Guide Mer. W. through T. 26 N., bet. Rs. 24 and 25 W., bet. secs. 1 and 6.	
80.00	Point for the cor. of secs. 1, 6, 7 and 12; not monumented.	
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.	
	South, bet. secs. 7 and 12.	
80.00	Point for the cor. of secs. 7, 12, 13 and 18.	
	Set a copper-coated steel rod, 7 ft. long, 5/8 ins. diam., 6 1/2 ft. in the ground, with brass cap. mkd.	
	T26N R25W R24W <u>S12 S7</u> S13 S18 1976	
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.	
	South, bet. secs. 13 and 18.	
64.36	Point selected for the witness cor. to the meander cor. of secs. 13 and 18.	
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.	
	WC T26N R25W R24W S13 S18	
	MC 1976	
68.14	Northesterly shore of Ipiavik Lagoon, bears N. 75 ⁰ W. and S. 75 ⁰ E.; true point for the meander cor. of secs. 13 and 18; unsafe location, not monumented.	
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.	
	Thence South on a blank line over Ipiavik Lagoon.	
66.07	Southwesterly shore of Ipiavik Lagoon, bears N. 50 [°] W. and S. 50 [°] E.; point for the meander cor. of secs. 19 and 24.	
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.	

6th G.M.	West, T.	26 N., Bet.	Rs. 24 and	25 W.,
	Kateel	River Mer	Alaska	

······	Kateel River Mer., Alaska
CHAINS	
	MC S24 S19 R25W R24W T26N 1976
	South, bet. secs. 19 and 24.
5.41	East shore of Chukchi Sea, bears N. 50° W. and S. 50° E.; point for the meander cor. of secs. 19 and 24.
	Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.
	T26N R25W R24W S24 S19
	МС 1976
	from which
	U.S.C. & G.S. triangulation station "FLATS 1950", heretofore described, bears S. 50°32' E., 31.65 chs. dist.
	Land, nearly level. Soil, sand and gravel. No timber or undergrowth.
	East Boundary of T. 26 N., R. 24 W., Kateel River Meridian, Alaska
	From the cor. of Tps. 25 and 26 N., Rs. 23 and 24 W., heretofore described.
	North, with the establishment of the line bet. Tps. 26 N., Rs. 23 and 24 W., bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not monumented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 25 and 30.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T26N R24W R23W S24 S19 S25 S30 1976
	Land, gently rolling. Soil, frozen silt and clay. No timber or undergrowth.

E. Bdy. of T. 26 N., R. 24 W., Kateel River Mer., Alaska

CHAINS North, bet. secs. 19 and 24. Point for the cor. of secs. 13, 18, 19 and 24; not 80.00 monumented. Land, nearly level. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 13 and 18. 80.00 Point for the cor. of secs. 7, 12, 13 and 18. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T26N R24W | R23W S12 S7 S13 S18 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 7 and 12. 80.00 Point for the cor. of secs. 1, 6, 7 and 12; not monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 1 and 6. 80.00 Point for the cor. of Tps. 26 and 27 N., Rs. 23 and 24 W. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T27N R24W | R23W S36 S31 1 S6 S1 T26N 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. North Boundary of T. 26 N., R. 24 W., Kateel River Meridian, Alaska From the cor. of Tps. 26 and 27 N., Rs. 23 and 24 W. West, with the establishment of the line bet. Tps. 26 and 27 N., R. 24 W., bet. secs. 1 and 36. Point for the cor. of secs. 1, 2, 35 and 36; not 80.00 monumented.

18

N. Bdy. of T. 26 N., R. 24 W., Kateel River Mer., Alaska CHAINS Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 2 and 35. 80.00 Point for the cor. of secs. 2, 3, 34 and 35. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T27N R24W S35 S2 S34 S3 T26N 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 3 and 34. 80.00 Point for the cor. of secs. 3, 4, 33 and 34; not monumented. Land, nearly level. Soil, frozen silt; sand and gravel in river bottom. No timber or undergrowth. West, bet. secs. 4 and 33. 80.00 Point for the cor. of secs. 4, 5, 32 and 33. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. R24W S33 T27N S32 S5 T26N 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 5 and 32. Point for the cor. of secs. 5, 6, 31 and 32; not 80.00 monumented. Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 6 and 31. The cor. of Tps. 26 and 27 N., Rs. 24 and 25 W., 76.50 heretofore described.

N. Bdy. of T. 26 N., R. 24 W., Kateel River Mer., Alaska

CHAINS Land, nearly level. Soil, frozen silt. No timber or undergrowth. Subdivisional Lines of T. 26 N., R. 24 W., Kateel River Meridian, Alaska From the cor. of secs. 3, 4, 33 and 34, on the south bdy., heretofore described. N. 0[°]06' W., bet. secs. 33 and 34. 80.00 Point for the cor. of secs. 27, 28, 33 and 34. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., $7 \ 1/2$ ft. in the ground, with brass cap mkd. t26N R24W
 S28
 S27

 S33
 S34
 Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 28 and 33. East shore of Ipiavik Lagoon, bears N. 20[°] E. and S. 20[°] W.; point for the meander cor. of secs. 28 and 33. 56.93 Set a copper-coated steel rod, 7 ft. long, 5/8 ins. diam., 6 1/2 ft. in the ground, with brass cap mkd. T26N S28 S33 R24W from which U.S.C. & G.S. triangulation station "FLATS 1950", heretofore described, bears N. 62⁰49' W., 175.91 chs. dist. Land, nearly level. Soil, frozen silt. No timber or undergrowth. From the cor. of secs. 7, 12, 13 and 18, on the west bdy. heretofore described. East, bet. secs. 7 and 18. 77.08 Point for the cor. of secs. 7, 8, 17 and 18. Set a copper-coated steel rod, 7 ft. long, 5/8 ins. diam., 6 1/2 ft. in the ground, with brass cap mkd.

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Subdivision of T. 26 N., R. 24 W., Kateel River Mer., Alaska

CHAINS T26N R24W S7 <u>S8</u> S18 S17 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. East, bet. secs. 8 and 17. 78.10 Easterly shore of small lake. 80.00 Point for the cor. of secs. 8, 9, 16 and 17. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
 T26N
 R24W

 S8
 S9

 S17
 S16
 Land, nearly level. Soil, frozen silt. No timber or undergrowth. S. 0⁰08' E., bet. secs. 16 and 17. Point for the cor. of secs. 16, 17, 20 and 21; not 80.00 monumented. Land, nearly level. Soil, frozen silt. No timber or undergrowth. S. 0⁰08' E., bet. secs. 20 and 21. Point for the cor. of secs. 20, 21, 28 and 29. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T26NR24WS20S21S29S28 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. S. 0⁰08' E. bet. secs. 28 and 29. Northeasterly shore of Ipiavik Lagoon, bears S. 70° W. and S. 80° E.; point for the meander cor. of secs. 28 45.67 and 29. Set a copper-coated steel rod, 7 ft. long, 5/8 ins. diam., 6 1/2 ft. in the ground, with brass cap mkd. T26N | R24W S28 S29 MC 1976

Subdivision of T. 26 N., R. 24 W., Kateel River Mer., Alaska

CHAINS from which U.S.C. & G.S. triangulation station "FLATS 1950", heretofore described, bears N. 70°58' W., 141.05 chs. dist. Land, nearly level. Soil, frozen silt. No timber or undergrowth. North Boundary of T. 26 N., R. 25 W., Kateel River Meridian, Alaska From the cor. of Tps. 26 and 27 N., Rs. 24 and 25. W., heretofore described. West, with the establishment of the line bet. Tps. 26 and 27 N., R. 25 W., bet. secs. 1 and 36. 80.00 Point for the cor. of secs. 1, 2, 35 and 36; not monumented. Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 2 and 35. 80.00 Point for the cor. of secs. 2, 3, 34 and 35. Set a copper-coated steel rod, 6 ft. long, 5/8 ins. diam., 5 1/2 ft. in the ground, with brass cap mkd. R25W T2**7**N
 334
 S35

 S3
 S2
 S34 T26N 1976 Land, nearly level. Soil frozen silt. No timber or undergrowth. West, bet. secs. 3 and 34. Easterly shore of Imikruk Lagoon, bears N. 5° E. and S. 65° W.; point for the meander cor. of secs. 3 and 34. 26.20 Set a copper-coated steel rod, 6 ft. long, 5/8 ins. diam., 5 1/2 ft. in the ground, with brass cap mkd. T27N S34 MC **-** R25W S3 T26N 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth.

N. Bdy. of T. 26 N., R. 25 W.,

Kateel River Mer., Alaska CHAINS Thence West, on a blank line over Imikruk Lagoon. 239.10 Southwesterly shore of Imikruk Lagoon, bears N. 63° W. and S. 63° E.; point for the meander cor. of secs. 6 and 31. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T27N S31 R25W · MC S6 T26N 1976 West, bet. secs. 6 and 31. East shore of Chukchi Sea, bears N. 63° W. and S. 63° E.; point for the meander cor. of secs. 6 3.77 and 31. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T27N S31 MC — R25W S6 T26N 1976 from which U.S.C. & G.S. triangulation station "IMIGROOK 1950", bears S. 56 12' E., 80.00 chs. dist., monumented with a standard brass cap brazed to a 2-in. iron pipe, 8 ins. below the ground surface, with top mkd. "IMIGROOK 1950". Land, nearly level. Soil, sand and gravel. No timber or undergrowth. Subdivisional Lines of T. 26 N., R. 25 W., Kateel River Meridian, Alaska From the cor. of secs. 7, 12, 13 and 18, on the east bdy., heretofore described. West, bet. secs. 12 and 13. Northeasterly shore of Imikruk Lagoon, bears N. 45° W. 57.44 and S. 45° E.; point for the meander cor. of secs. 12 and 13. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T26N S12 MC S13 R25W 1976

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Subdivision of T. 26 N., R. 25 W., Kateel River Mer., Alaska

CHAINS	
	from which
	U.S.C. & G.S. triangulation station "FLATS 1950", heretofore described, bears S. 27 [°] 10' E., 179.51 chs. dist.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	Sixth Guide Meridian West on the West Boundary of T. 27 N., R. 24 W., Kateel River Meridian, Alaska
	From the cor. of Tps. 26 and 27 N., Rs. 24 and 25 W., heretofore described.
	North, with the establishment of the 6th Guide Mer. W., through T. 27 N., bet. Rs. 24 and 25 W., bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not monumented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 25 and 30.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.
	T27N R25W R24W <u>S24 S19</u> S25 S30 1976
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 19 and 24.
80.00	Point for the cor. of secs. 13, 18, 19 and 24; not monumented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 13 and 18.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.

6th G.M.	West, T.	27 N., bet.	Rs. 24 and 25 W.,
	Kateel	River Mer.,	Alaska

CHAINS	Rateer River Mer., Alaska
	T27N R25W R24W <u>S12 S7</u> S13 S18 1976
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 7 and 12.
80.00	Point for the cor. of secs. 1, 6, 7 and 12; not monumented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 1 and 6.
80.00	True point for the cor. of Tps. 27 and 28 N., Rs. 24 and 25 W.; hereinafter described.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	East Boundary of T. 27 N., R. 24 W., Kateel River Meridian, Alaska
	From the cor. of Tps. 26 and 27 N., Rs. 23 and 24 W.
	North, with the establishment of the line bet. T. 27 N., Rs. 23 and 24 W., bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not mounumented.
	Land, gently rolling. Soil, frozen silt. No timber; dense willow undergrowth in creek bottom.
	North, bet. secs. 25 and 30.
77.00	Dry wash of Omikviorok River, 40 lks. wide, westerly course.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T27N
	R24W R23W S24 S19 S25 S30 1976

E. Bdy. of T. 27 N., R. 24 W., Kateel River Mer., Alaska

25

CHAINS North, bet. secs. 19 and 24. Point for the cor. of secs. 13, 18, 19 and 24; not 80.00 monumented. Land, gently rolling. Soil, frozen silt. No timber; dense willow undergrowth in creek bottom. North, bet. secs. 13 and 18. Point for the cor. of secs. 7, 12, 13 and 18. 80.00 Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd. T27N R24W R23W S12 S7 S13 S18 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 7 and 12. Point for the cor. of secs. 1, 6, 7 and 12; not 80.00 monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 1 and 6. 80.00 Point for the cor. of Tps. 27 and 28 N., Rs. 23 and 24 W. Set a copper-coated steel rod, 6 ft. long, 5/8 ins. diam., 5 1/2 ft. in the ground, with brass cap mkd. T28NR24W R23W S36 S31 S1 <u>S6</u> T27N 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. North Boundary of T. 27 N., R. 24 W., Kateel River Meridian, Alaska From the cor. of Tps. 27 and 28 N., Rs. 23 and 24 W. West, with the establishment of the line bet. Tps. 27 and 28 N., R. 24 W., bet. secs. 1 and 36. Point for the cor. of secs. 1, 2, 35 and 36; not 80.00 monumented.

N. Bdy. of T. 27 N., R. 24 W., Kateel River Mer., Alaska

CHAINS Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 2 and 35. 80.00 Point for the cor. of secs. 2, 3, 34 and 35. Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.
 T28N
 R24W

 S34
 S35

 S3
 S2
 T27N 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 3 and 34. 80.00 Point for the cor. of secs. 3, 4, 33 and 34; not monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 4 and 33. 80.00 Point for the cor. of secs. 4, 5, 32 and 33. Set a copper-coated steel rod, 6 ft. long, 5/8 ins. diam., 5 1/2 ft. in the ground, with brass cap mkd. R24W S33 S4 T28N S32 S5 T27N 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 5 and 32. 80.00 Point for the cor. of secs. 5, 6, 31 and 32; not monumented. Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 6 and 31. Point selected for the witness cor. to the cor. of Tps. 68.45 27 and 28 N., Rs. 24 and 25 W.

N. Bdy. of T. 27 N., R. 24 W., Kateel River Mer., Alaska

CHAINS	Set a copper-coated steel rod, 4 ft. long, 5/8 ins.
	diam., 3 1/2 ft. in the ground, with brass cap. mkd.
	WC T28N
	R25W R24W
	<u>S36 S31</u> S1 S6
	T27N 1976
74.74	True point for the cor. of Tps. 27 and 28 N., Rs. 24 and
	25 W.; falls in a nameless lake.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	West Boundary of T. 27 N., R. 25 W., Kateel River Meridian, Alaska
	Beginning at the point for the cor. of Tps. 27 and 28. N., Rs. 25 and 26 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T28N R26W R25W
	<u>767 <u>\$36 \$31</u></u>
	S1 S6 T27N
	1976
	from which
	U.S.C. & G.S. triangulation station "ASTRO AZ 1950", bears N. 44 ⁰ 07' W., 329.49 chs. dist., monumented with a standard brass cap brazed to the top of a 2-in. soil pipe, 7 ins. above the ground, with top mkd. "ASTRO AZ 1950".
	South, with the establishment of the line bet. T. 27 N. Rs. 25 and 26 W., bet. secs. 1 and 6.
80.00	Point for the cor. of secs. 1, 6, 7 and 12; not monumented.
	Land, nearly level. Soil, sand and gravel along river; frozen silt south of river.
	No timber; dense willow undergrowth along river.
	South, bet. secs. 7 and 12.
13.38	Right bank of the Wulik River, course S. 60 ⁰ W.; point for the meander cor. of secs. 7 and 12.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T27N R26W R25W
	S12 S7
	MC 1976

W. Bdy. of T. 27 N., R. 25 W., Kateel River Mer., Alaska

CHAINS Left bank of Wulik River; point for the meander cor. of 24.38 secs. 7 and 12. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. MC S12 S7 R26W R25W T27N 1976 80.00 Point for the cor. of secs. 7, 12, 13 and 18. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T27N R26W | R25W S12 S7 S18 S13 1976 Land, nearly level. Soil, sand and gravel along river; frozen silt south of river. No timber; dense willow undergrowth. South, bet. secs. 13 and 18. 80.00 Point for the cor. of secs. 13, 18, 19 and 24; not monumented. Land, nearly level. Soil, frozen silt. No timber; dense willow undergrowth along river. South, bet. secs. 19 and 24. 80.00 Point for the cor. of secs. 19, 24, 25 and 30. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd. T27N R26W | R25W S24 S19 S25 S30 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. South, bet. secs. 25 and 30. 80.00 Point for the cor. of secs. 25, 30, 31 and 36. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.

W. Bdy. of T. 27 N., R. 25 W., Kateel River Mer., Alaska

	Kateel River Mer., Alaska
CHAINS	
	T27N
	R26W R25W
	S25 S30
	<u>S36</u> S31
	1976
	Land, nearly level.
	Soil, frozen silt.
	No timber or undergrowth.
	South, bet. secs. 31 and 36.
43.68	Point selected for the witness cor. to the meander cor.
	of secs. 31 and 36.
	Set a copper-coated steel rod, 8 ft. long, 5/8 ins.
	diam., 7 1/2 ft. in the ground, with brass cap mkd.
	WC
	T27N
	R26W R25W
	<u>\$36</u> \$31
	MC
	1976
	from which
	U.S.C. & G.S. triangulation station "IMIGROOK 1950",
	heretofore described, bears S. 54 [°] 39' E., 139.65 chs.
	dist.
48.11	East shore of Chukchi Sea, bears N. 63° W. and S. 63° E.;
	true point for the meander cor. of secs. 31 and 36;
	unsafe location, not monumented.
	Land, nearly level.
	Soil, frozen silt.
	No timber or undergrowth.
	North Boundary of T. 27 N., R. 25 W.,
	Kateel River Meridian, Alaska
	······································
	From the true point for the cor. of Tps. 27 and 28 N., Rs. 24 and 25 W., heretofore described.
	West, with the establishment of the line bet. Tps. 27 and
	28 N., R. 25 W., bet. secs. 1 and 36.
00.00	Deint for the corr of corr 1 2 25 and 24 and
80.00	Point for the cor. of secs. 1, 2, 35 and 36; not monumented.
	Land, nearly level.
	Soil, frozen silt.
	No timber or undergrowth.
	West, bet. secs. 2 and 35.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins.
	diam., 3 1/2 feet in the ground, with brass cap mkd.

N. Bdy. of T. 27 N., R. 25 W., Kateel River Mer., Alaska

	Kateel River Mer., Alaska	
CHAINS		
	T28N R25W	
	<u>S34</u> <u>S35</u>	
	S3 S2 T27N	
	1976	
	Land, nearly level.	
	Soil, frozen silt.	
	No timber or undergrowth.	
	West, bet. secs. 3 and 34.	
80.00	Point for the cor. of secs. 3, 4, 33 and 34; not monumented.	
	Land, nearly level.	
	Soil, frozen silt.	
	No timber or undergrowth.	
	West, bet. secs. 4 and 33.	
77.06	Point selected for the witness cor. to the cor. of secs. 4, 5, 32 and 33.	
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.	
	WC	
	T28N R25W	
	<u>S32</u> S5 S4	
	T27N	
	1976	
80.00	True point for the cor. of secs. 4, 5, 32 and 33; falls in a nameless lake, not monumented.	
	Land, nearly level.	
	Soil, frozen silt. No timber or undergrowth.	
	No Limber of underglowch.	
	West, bet. secs. 5 and 32.	
00 00	Define the series of second 5 (21 and 22	
80.00	Point for the cor. of secs. 5, 6, 31 and 32.	
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.	
	T28N R25W	
	<u>S31 S32</u> S6 S5	
	T27N	
	1976	
	Land, nearly level.	
	Soil, frozen silt.	
	No timber; willow undergrowth in westerly portion.	
	West, bet. secs. 6 and 31.	
56.78	Left bank of the Wulik River, course S. 45 ⁰ W.; point	
	for the meander cor. of secs. 6 and 31.	
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins.	
	in the ground, with brass cap mkd.	

N. Bdy. of T. 27 N., R. 25 W., Kateel River Mer., Alaska

	Kateel River Mer., Alaska
СНА	INS
	/ T28N
	\$31
	MC R25W
	S6
	/ T27N
	1976
67.	01 Right bank of the Wulik River; point for the meander cor.
	of secs. 6 and 31.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins.
	in the ground, with brass cap mkd.
	T28N /
	\$31
	R25W MC
	S6
	T27N /
	1976
74.	74 The cor. of Tps. 27 and 28 N., Rs. 25 and 26 W., here-
, , ,	tofore described.
	Land, nearly level.
	Soil, frozen silt; sand and gravel near river.
	No timber; willow undergrowth.
	Subdivisional Lines of T. 27 N., R. 25 W.,
	Kateel River Meridian, Alaska
	From the cor. of secs. 25, 30, 31 and 36 on the west bdy.,
	heretofore described.
	East, bet. secs. 30 and 31.
	hase, been sees. So and SI.
38.	95 Northwesterly shore of Imikruk Lagoon, bears N. 55° E.
	and S. 45° W.; point for the meander cor. of secs.
	30 and 31.
	Set a copper-coated steel rod, 6 ft. long, 5/8 ins.
	diam., 5 1/2 ft. in the ground, with brass cap mkd.
	T27N /
	S30
	MC
	R25W / 1976
	from which
	U.S.C. & G.S. triangulation station "IMIGROOK 1950",
	heretofore described, bears S. 31 ⁰ 02' E., 145.31 chs. dist.
	uist.
	Land, level.
	Soil, frozen silt.
	No timber or undergrowth.
	From the cor. of secs. 5, 6, 31 and 32 on the north bdy.,
	heretofore described.
	S. 0 ⁰ 11' E., bet. secs. 5 and 6.
80	,00 Point for the cor. of secs. 5, 6, 7 and 8; not
	monumented.
<u> </u>	er 1964) (formerly 4–673b) USDIBLM

32

Subdivision of T. 27 N., R. 25 W., Kateel River Mer., Alaska

CHAINS Land, nearly level. Soil, frozen silt. No timber or undergrowth. S. 0[°]11' E., bet. secs. 7 and 8. 80.00 Point for the cor. of secs. 7, 8, 17 and 18. Set a copper-coated steel rod, 6 ft. long, 5/8 ins. diam., 5 1/2 ft. in the ground, with brass cap mkd.
 T27N
 R25W

 S7
 S8

 S18
 S17
 Land, nearly level. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 7 and 18. 75.33 The cor. of secs. 7, 12, 13 an 18., heretofore described. Land, nearly level. Soil, silt, sand and gravel. No timber; willow undergrowth west of river. West Boundary of T. 27 N., R. 26 W., Kateel River Meridian, Alaska East shore of Chukchi Sea, bears N. 43° W. and S. 43° E.; point for the meander cor. of secs. 1 and 6. Established at a point 66.02 chs. West and 35.19 chs. South of the meander cor. of secs. 6 and 31, Tps. 27 and 28 N., R. 26 W. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam. 7 1/2 ft. in the ground, with brass cap mkd. T27N R27W R26W S6 S1 MC 1976 from which U.S.C. & G.S. triangulation station "ASTRO AZ 1950", heretofore described, bears N. 41⁰59' E., 365.58 chs. dist. North, with the establishment of the line bet. T. 27 N., Rs. 26 and 27 W., bet. secs. 1 and 6. Southwesterly shore of Kivalina Lagoon, bears N. 43° W. 4.39 and S. 43° E.; point for the meander cor. of secs. 1 and 6. Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.

_

CHAINS	MC
	S1 S6
	R27W R26W
	T27N 1976
	Land population
	Land, nearly level. Soil, sand and gravel.
	No timber or undergrowth.
	North Boundary of T. 27 N., R. 26 W.,
	Kateel River Meridian, Alaska
	From the cor. of Tps. 27 and 28 N., Rs. 25 and 26 W., heretofore described.
	West, with the establishment of the line bet. Tps. 27 and 28 N., R. 26 W., bet. secs. 1 and 36.
80.00	Point for the cor. of secs. 1, 2, 35 and 36; not monumented.
	Land, nearly level. Soil, sand and gravel near river; remainder frozen silt. No timber; willow undergrowth near river.
	West, bet. secs. 2 and 35.
80.00	Point for the cor. of secs. 2, 3, 34 and 35; not monumented.
	Land, nearly level. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 3 and 34.
80.00	Point for the cor. of secs. 3, 4, 33 and 34; not monumented.
	Land, level. Soil, frozen silt.
	No timber or undergrowth.
	West, bet. secs. 4 and 33.
80.00	Point for the cor. of secs. 4, 5, 32 and 33; not monumented.
	Land, level. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 5 and 32.
80.00	Point for the cor. of secs. 5, 6, 31 and 32; not monumented.
	Land, level. Soil, frozen silt. No timber or undergrowth.

N. Bdy. of T. 27 N., R. 26 W., Kateel River Mer., Alaska

CH	AINS	
		West, bet. secs. 6 and 31.
ε	3.72	Northeasterly shore of Kivalina Lagoon, bears N. 45° W. and S. 15° E.; point for the meander cor. bet. secs. 6 and 31.
		Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.
		785 MC S6 T27N 1976 T28N S31 R26W
		from which
		U.S.C. & G.S. triangulation station "ASTRO AZ 1950", heretofore described, bears N. 37°04' E., 296.35 chs. dist.
		The witness cor. to cor. No. 3 of U.S. Survey No. 3776, bears S. 22°39' E., 212.57 chs. dist., monumented with an iron post, 2 1/2 ins. diam., extending 6 ins. above the ground, with brass cap mkd.
		WCMC
		C3 S3776
		L1
		1960
		Land, level. Soil, frozen silt. No timber or undergrowth.
		North Boundary of T. 27 N., R. 27 W., Kateel River Meridian, Alaska
		Southwesterly shore of Kivalina Lagoon, bears N. 48° W. and S. 48° E.; point for the meander cor. of secs. 1 and 36.
		Established at a point 100.71 chs. West of the meander cor. of secs. 6 and 31, Tps. 27 and 28 N., R. 26 W.
		Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.
		T28N S36 R27W MC S1 T27N 1976
	i	West, with the establishment of the line bet. Tps. 27 and 28 N., R. 27 W., bet. secs. 1 and 36.
2		East shore of Chukchi Sea, bears N. 48° W., and S. 48° E.; point for the meander cor. of secs. 1 and 36.
		Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.

N. Bdy. of T. 27 N. R. 27 W., Kateel River Mer., Alaska

	Kaleel Rivel Mer., Alaska
CHAIN	$MC \begin{pmatrix} T28N \\ S36 \\ MC \\ S1 \end{pmatrix}$
	Т27N 1976
	from which U.S.C. & G.S. triangulation station "ASTRO AZ 1950", heretofore described, bears N. 49 ⁰ 58' E., 367.98 chs. dist.
	Land, nearly level. Soil, sand and gravel. No timber or undergrowth.
	Sixth Guide Meridian West on the West Boundary of T. 28 N., R. 24 W., Kateel River Meridian, Alaska
	From the true point for the cor. of Tps. 27 and 28 N., Rs. 24 and 25 W., heretofore described.
	North, with the establishment of the 6th Guide Mer. W., through T. 28 N., bet. Rs. 24 and 25 W., bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not monumented.
	Land, nearly level. Soil, frozen silt south of river; sand and gravel along river. No timber; willow undergrowth near river.
	North, bet. secs. 25 and 30.
7.93	Left bank of the Wulik River, course S. 80 ⁰ W.; point for the meander cor. of secs. 25 and 30.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. MC
	S25 S30 R25W R24W T28N 1976
12.71	Right bank of the Wulik River; point for the meander cor. of secs. 25 and 30.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T28N
	R25W R24W S25 S30 MC
80.00	1976 Point for the cor. of secs. 19, 24, 25 and 30; not monumented.

6th G.M. West, T. 28 N., bet. Rs. 24 and 25 W., Kateel River Mer., Alaska

 		·
CHAINS	Land, nearly level near river; mountainous north of river. Soil, sand and gravel along river; clay and rock north of	
	river. No timber; willow undergrowth near river.	
	North, bet. secs. 19 and 24.	
80.00	Point for the cor. of secs. 13, 18, 19 and 24; not monumented.	
	Land, mountainous and rolling. Soil, frozen clay and silt; stoney on hilltops. No timber on undergrowth.	
	North, bet. secs. 13 and 18.	
80.00	Point for the cor. of secs. 7, 12, 13 and 18.	
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.	
	T28N R25W R24W <u>S12 S7</u> S13 S18 1976	
	Land, rolling hills. Soil, frozen silt. No timber or undergrowth.	
	North, bet. secs. 7 and 12.	
80.00	Point for the cor. of secs. 1, 6, 7 and 12; not monumented.	
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.	
	North, bet. secs. 1 and 6.	
80.00	Intersect the 7th Stan. Par. N.; point for the closing cor. of Tps. 28 N., Rs. 24 and 25 W.	
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.	
	T29N R24W S33	
	S1 S6 R25W R24W	
	T28N CC	
	1976	
	From this point, the stan. cor. of secs. 34 and 35, T. 29 N., R. 24 W., bears East, 151.73 chs. dist., heretofore described.	
	From the same point, the stan. cor. of secs. 32 and 33, T. 29 N., R. 24 W., bears West, 8.27 chs. dist., here- tofore described.	

6th G.M. West, T. 28 N., bet. Rs. 24 and 25 W., Kateel River Mer., Alaska

CHAINS	
CHAINS	I and contly rolling
	Land, gently rolling. Soil, frozen silt.
	No timber or undergrowth.
	East Boundary of T. 28 N., R. 24 W., Kateel River Meridian, Alaska
	From the cor. of Tps. 27 and 28 N., Rs. 23 and 24 W., heretofore described.
	North, with the establishment of the line bet. Tps. 28 N., Rs. 23 and 24 W., bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not monumented.
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 25 and 30.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.
	T28N
	R24W R23W S24 S19
	<u>525</u> <u>530</u>
	1976
	Land, gently rolling.
	Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 19 and 24.
80.00	Point for the cor. of secs. 13, 18, 19 and 24; not monumented.
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 13 and 18.
79.66	Left bank of the Wulik River, course S. 65° W.; point for the meander cor. of secs. 13 and 18.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	MC
	S13 S18
	R24W R23W
	T28N 1976.
	Land, gently rolling.
	Soil, frozen silt in upland; sand and gravel along river. No timber; willow undergrowth near river.

E. Bdy. of T. 28 N., R. 24 W., Kateel River Mer., Alaska

CHAINS	
	Thence North on blank line over Wulik River.
15.69	Right bank of the Wulik River; point for the meander cor. of secs. 7 and 12.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T28N
	R24W R23W S12 S7
	MC 1976
	North, bet. secs. 7 and 12.
64.65	Point for the cor. of secs. 1, 6, 7 and 12; not monumented.
	Land, gently rolling. Soil, sand and gravel along river; remainder frozen silt. No timber or undergrowth.
	North, bet. secs. 1 and 6.
80.00	Intersect the 7th Stan. Par. N.; point for the closing cor. of Tps. 28 N., Rs. 23 and 24 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T29N R23W
	<u>S33</u> S1 S6
	R24W R23W T28N
	CC
	1976
	From this point, the stan. cor. of secs. 33 and 34, T. 29 N., R. 23 W., bears East, 78.74 chs. dist. heretofore described.
	From the same point, the stan. cor. of secs. 32 and 33, T. 29 N., R. 23 W., bears West, 1.26 chs. dist., hereto- fore described.
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	Subdivisional Lines of T. 28 N., R. 24 W., Kateel River Meridian, Alaska
	From the cor. of secs. 2, 3, 34 and 35 on the south bdy., heretofore described.
	N. 0 ⁰ 04' W., bet. secs. 34 and 35.
80.00	Point for the cor. of secs. 26, 27, 34 and 35.
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.

Subdivision of T. 28 N., R. 24 W., Kateel River Mer., Alaska

	Kateel River Mer., Alaska
CHAINS	T28N R24W
	<u>S27 S26</u> S34 S35 1976
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	East, bet. secs. 26 and 35.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.
	T28N R24W S26 S25 S35 S36 1976
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	N. 0 ⁰ 02' W., bet. secs 25 and 26.
80.00	Point for the cor. of secs. 23, 24, 25 and 26.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T28N R24W <u>S23 S24</u> <u>S26 S25</u> 1976
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	East, bet. secs. 24 and 25.
80.00	The cor. of secs. 19, 24, 25 and 30, heretofore described.
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	From the cor. of secs. 7, 12, 13 and 18, on the west bdy., heretofore described.
	East, bet. secs. 7 and 18.
73.57	Point for the cor. of secs. 7, 8, 17 and 18.
	Set a copper-coated steel rod, 6 ft. long, 5/8 ins. diam., 5 1/2 ft. in the ground, with brass cap mkd.
	T28N R24W S7 S8 S18 S17 1976 1976

Subdivision of T. 28 N., R. 24 W., Kateel River Mer., Alaska

CHAINS Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. East, bet. secs. 8 and 17. 80.00 Point for the cor. of secs. 8, 9, 16 and 17. Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd. T28N R24W
 S8
 S9

 S17
 S16
 1976 Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. East, bet. secs. 9 and 16. 80.00 Point for the cor. of secs. 9, 10, 15 and 16; not monumented. Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. East, bet. secs. 10 and 15. 80.00 Point for the cor. of secs. 10, 11, 14 and 15. Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd. T28N R24W
 S10
 S11

 S15
 S14
 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. East, bet. secs. 11 and 14. Point for the cor. of secs. 11, 12, 13 and 14; not 80.00 monumented. Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. East, bet. secs. 12 and 13. Right bank of the Wulik River, course S. 30[°] W.; point for the meander cor. of secs. 12 and 13; not monumented. 61.08 Land, rolling hills in western portion; remainder nearly level. Soil, frozen silt in western portion; remainder sand and gravel. No timber; willow undergrowth along river.

Subdivision of T. 28 N., R. 24 W., Kateel River Mer., Alaska

CHAINS	Note: Line projected East from the cor. would intersect the east bdy. of T. 28 N., R. 24 W. at a point in the Wulik River.
	Subdivisional Lines of T. 28 N., R. 25 W., Kateel River Meridian, Alaska
	From the cor. of secs. 7, 12, 13 and 18, on the east bdy., heretofore described.
	West, bet. secs. 12 and 13.
80.00	Point for the cor. of secs. 11, 12, 13 and 14.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T28N R25W <u>S11 S12</u> <u>S14 S13</u> 1976
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	S. 0 ⁰ 02' E., bet. secs. 13 and 14.
80.00	Point for the cor. of secs. 13, 14, 23 and 24; not monumented.
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	S. 0 ⁰ 02' E., bet. secs. 23 and 24.
80.00	Point for the cor. of secs. 23, 24, 25 and 26.
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.
	T28N R25W <u>S23 S24</u> <u>S26 S25</u> 1976
	Land, gently rolling. Soil, frozen silt. No timber; willow undergrowth along creek.
	West, bet. secs. 23 and 26.
80.00	Point for the cor. of secs. 22, 23, 26 and 27.
	Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd.
	T28N R25W S22 S23 S27 S26 1976
	Land, gently rolling. Soil frozen silt.
	No timber or undergrowth.

Subdivision of T. 28 N., R. 25 W., Kateel River Mer., Alaska

CHAINS West, bet. secs. 22 and 27. 80.00 Point for the cor. of secs. 21, 22, 27 and 28; not monumented. Land, nearly level. Soil, frozen silt. No timber; willow undergrowth along creek. West, bet. secs. 21 and 28. 80.00 Point for the cor. of secs. 20, 21, 28 and 29. Set a copper-coated steel rod, 4 ft. long, 5/8 ins. diam., 3 1/2 ft. in the ground, with brass cap mkd. T28N R25W S20 S21 S29 S28 1976 Land, nearly level. Soil, frozen silt. No timber or undergrowth. N. 0⁰08' W., bet. secs. 20 and 21. 80.00 Point for the cor. of secs. 16, 17, 20 and 21; not monumented. Land, nearly level. Soil, frozen silt. No timber or undergrowth. N. 0⁰08' W., bet. secs. 16 and 17. 80.00 Point for the cor. of secs 8, 9, 16 and 17. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T28N R25W <u>58</u> 517 1976 Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. East, bet. secs. 9 and 16. 80.00 Point for the cor. of secs. 9, 10, 15 and 16; not monumented. Land, rolling hills. Soil, frozen clay. No timber or undergrowth. East, bet. secs. 10 and 15.

Subdivision of T. 28 N., R. 25 W., Kateel River Mer., Alaska

CHAINS80.00Point for the cor. of secs. 10, 11, 14 and 15.Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a mound of stone, 3 ft. base to top of brass cap, mkd.T28N R25W S10 S11 S15 S14 1976Land, rolling hills. Soil, frozen clay. No timber or undergrowth.N. $0^{\circ}04^{\circ}$ W., bet. secs. 10 and 11.80.00Point for the cor. of secs. 2, 3, 10 and 11; not monumented.Land, mountainous in southerly portion; remainder rolling. Soil, rocky in southerly portion; remainder frozen silt. No timber or undergrowth.N. $0^{\circ}04^{\circ}$ W., bet. secs 2 and 3.80.00Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3.Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.T29NR24WT29NR24WS31 S2 T28NS21 S2 S2 S2
Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a mound of stone, 3 ft. base to top of brass cap, mkd. $\begin{array}{c c} T28N & R25W \\ \underline{S10} & S11 \\ 1976 \end{array}$ Land, rolling hills. Soil, frozen clay. No timber or undergrowth. N. 0°04' W., bet. secs. 10 and 11. 80.00 Point for the cor. of secs. 2, 3, 10 and 11; not monumented. Land, mountainous in southerly portion; remainder rolling. Soil, rocky in southerly portion; remainder frozen silt. No timber or undergrowth. N. 0°04' W., bet. secs 2 and 3. Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. $\begin{array}{r} T29N & R24W \\ \hline S31 \\ \hline S3 & S2 \end{array}$
<pre>in the ground, encircled with a mound of stone, 3 ft. base to top of brass cap, mkd. T28N R25W S10 S11 S15 S14 1976 Land, rolling hills. Soil, frozen clay. No timber or undergrowth. N. 0°04' W., bet. secs. 10 and 11. 80.00 Point for the cor. of secs. 2, 3, 10 and 11; not monumented. Land, mountainous in southerly portion; remainder rolling. Soil, rocky in southerly portion; remainder frozen silt. No timber or undergrowth. N. 0°04' W., bet. secs 2 and 3. 80.00 Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R24W S31 S2</pre>
$\frac{\frac{10}{815} + \frac{11}{814}}{\frac{1976}{1976}}$ Land, rolling hills. Soil, frozen clay. No timber or undergrowth. N. 0 [°] 04' W., bet. secs. 10 and 11. 80.00 Point for the cor. of secs. 2, 3, 10 and 11; not monumented. Land, mountainous in southerly portion; remainder rolling. Soil, rocky in southerly portion; remainder frozen silt. No timber or undergrowth. N. 0 [°] 04' W., bet. secs 2 and 3. Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. $\frac{T29N}{53} = \frac{824W}{53}$
Soil, frozen clay. No timber or undergrowth. N. 0 ⁰ 04' W., bet. secs. 10 and 11. 80.00 Point for the cor. of secs. 2, 3, 10 and 11; not monumented. Land, mountainous in southerly portion; remainder rolling. Soil, rocky in southerly portion; remainder frozen silt. No timber or undergrowth. N. 0 ⁰ 04' W., bet. secs 2 and 3. 80.00 Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R24W S31 S3 S2
 80.00 Point for the cor. of secs. 2, 3, 10 and 11; not monumented. Land, mountainous in southerly portion; remainder rolling Soil, rocky in southerly portion; remainder frozen silt. No timber or undergrowth. N. 0⁰04' W., bet. secs 2 and 3. 80.00 Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R24W S31 S2
monumented.Land, mountainous in southerly portion; remainder rolling Soil, rocky in southerly portion; remainder frozen silt. No timber or undergrowth.N. $0^{\circ}04'$ W., bet. secs 2 and 3.80.00Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3.Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.T29NR24WS31S3S2
Soil, rocky in southerly portion; remainder frozen silt. No timber or undergrowth. N. 0 ⁰ 04' W., bet. secs 2 and 3. 80.00 Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R24W S31 S3 S2
80.00 Intersect the 7th Stan. Par. N.; point for the closing cor. of secs. 2 and 3. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. $\frac{T29N}{S3} = \frac{R24W}{S2}$
cor. of secs. 2 and 3. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. $\frac{T29N}{S31}$
in the ground, with brass cap mkd. T29N R24W <u>S31</u> S3 S2
<u>S31</u> S3 S2
CC 1976
From this point, the stan. cor. of secs. 32 and 33, T. 29 N., R. 24 W., bears East, 151.73 chs. dist., heretofore described.
From the same point, the stan. cor. of Tps. 29 N., Rs. 24 and 25 W., bears West, 8.27 chs. dist., hereto- fore described.
Land, rolling hills. Soil, frozen silt. No timber or undergrowth.
West Boundary of T. 28 N., R. 26 W., Kateel River Meridian, Alaska
Beginning at the point for the closing cor. of Tps. 28 N. Rs. 26 and 27 W., on the 7th Stan. Par. N.
Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.

W. Bdy. of T. 28 N., R. 26 W., Kateel River Mer., Alaska

	Kateel River Mer., Alaska
CHAINS	
	T29N R26W
	<u>S33</u> <u>S1</u> <u>S6</u>
	R27W R26W
	T28N CC
	1976
	from which
	U.S.C. & G.S. triangulation station "ASTRO AZ 1950", heretofore described, bears S. 45 ⁰ 08' E., 345.02 chs. dist.
	From this point, the stan. cor. of secs. 34 and 35, T. 29 N., R. 26 W., bears East, 137.70 chs. dist., heretofore described.
	From the same point, the stan. cor. of secs. 32 and 33, T. 29 N., R. 26 W., bears West, 22.30 chs. dist., heretofore described.
	South, with the establishment of the line bet. Tps. 28 N., Rs. 26 and 27 W., bet. secs. 1 and 6.
80.00	Point for the cor. bet. secs. 1, 6, 7 and 12; not monumented.
	Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth.
	South, bet. secs. 7 and 12.
80.00	Point for the cor. of secs. 7, 12, 13 and 18; not monumented.
	Land, rolling hills. Soil, frozen silt. No timber or undergrowth.
	South, bet. secs. 13 and 18.
80.00	Point for the cor. of secs. 13, 18, 19 and 24; not monumented.
·	Land, rolling. Soil, frozen silt. No timber or undergrowth.
	South, bet. secs. 19 and 24.
16.09	Right bank of the Kivalina River, course N. 75 [°] W.; point for the meander cor. of secs. 19 and 24.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T28N R27W R26W
	S24 S19

W. Bdy. of T. 28 N., R. 26 W., Kateel River Mer., Alaska

	Kaleel Kivel Hel., Alaska
CHAINS	from which
	U.S.C. & G.S. triangulation station "ASTRO AZ 1950", heretofore described, bears N. 87 [°] 02' E., 244.84 chs. dist.
	Land, rolling. Soil, frozen silt. No timber or undergrowth.
	Note: Line projected South from this cor. would cross the mouth of the Kivalina River and enter Kivalina Lagoon.
	West Boundary of T. 28 N., R. 27 W., Kateel River Meridian, Alaska
	Beginning at the point for the closing cor. of Tps. 28 N., Rs. 27 and 28 W., on the 7th Stan. Par. N.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T29N R27W S33 S1 S6 R28W R27W T28N CC 1976
	from which
	Okpiksugruk Creek, bears East, 1.00 ch. dist., 50 lks. wide, southerly course.
	U.S.C. & G.S. triangulation station "BUBBLES 1950", heretofore described, bears N. 19 [°] 38' W., 128.08 chs. dist.
	From this point, the stan. cor. of secs. 34 and 35, T. 29 N., R. 27 W., bears East, 130.69 chs. dist., heretofore described.
	From the same point, the stan. cor. of secs. 32 and 33, T. 29 N., R. 27 W., bears West, 29.31 chs. dist., heretofore described.
	South, with the establishment of the line bet. Tps. 28 N., Rs. 27 and 28 W., bet. secs. 1 and 6.
30.88	East shore of Chukchi Sea, bears N. 47° W. and S. 47° E.; point for the meander cor. of secs. 1 and 6.
	Set a copper-coated steel rod, 8 ft. long, 5/8 ins. diam., 7 1/2 ft. in the ground, with brass cap mkd.
	T28N R28W R27W S1 S6
	MC 1976

W. Bdy. of T. 28 N., R. 27 W., Kateel River Mer., Alaska

CHAINS	Autori Aiver Inti., Alaska
CHAINS	from which
	U.S.C. & G.S. triangulation station "BUBBLES 1950", heretofore described, bears N. 15 ⁰ 51' W., 157.50 chs. dist.
	Land, nearly level. Soil, frozen silt north of beach; sand and gravel beach. No timber or undergrowth.
	Sixth Guide Meridian West on the West Boundary of T. 29 N., R. 24 W., Kateel River Meridian, Alaska
	From the stan. cor. of Tps. 29 N., Rs. 24 and 25 W., heretofore described.
	North, with the establishment of the 6th Guide Mer. W. through T. 29 N., bet. Rs. 24 and 25 W., bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not monumented.
	Land, rolling hills in southerly portion; remainder nearly level. Soil, frozen silt in southerly portion; sand and gravel along river. No timber; willow undergrowth along river.
	North, bet. secs. 25 and 30.
27.19	Left bank of the Kivalina River, course S. 70 ⁰ W.; point for the meander cor. of secs. 25 and 30.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	MC .
	S25 S30 R25W R24W T29N 1976
36.35	Right bank of the Kivalina River; point for the meander cor. of secs. 25 and 30.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T29N R25W R24W S25 S30
	MC 1976
	from which
	The westerly bank of a small gulley, bears East, 17 lks. dist.

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6th G.M. West, T. 29 N., bet. Rs. 24 and 25 W., Kateel River Mer., Alaska

	CHAINS	
	80.00	Point for the cor. of secs. 19, 24, 25 and 30; not monumented.
		Land, nearly level south of river; remainder gently rolling. Soil, sand and gravel along river; remainder frozen silt. No timber; willow undergrowth along river.
		North, bet. secs. 19 and 24.
	80.00	Point for the cor. of secs. 13, 18, 19 and 24; not monumented.
		Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
		North, bet. secs. 13 and 18.
	80.00	Point for the cor. of secs. 7, 12, 13 and 18; not monumented.
		Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
		North, bet. secs. 7 and 12.
	80.00	Point for the cor. of secs. 1, 6, 7 and 12.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
		T29N R25W R24W <u>S1 S6</u> S12 S7 1976
		Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth.
:		North, bet. secs. 1 and 6.
	80.00	Point for the cor. of Tps. 29 and 30 N., Rs. 24 and 25 W.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
		T30N R25W R24W <u>S36 S31</u> S1 S6 T29N
		1976
		Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth.
0100 7	(0 . 1 106)	(formative 4-673b) USDI-BLM

48 E. Bdy. of T. 29 N., R. 24 W., Kateel River Mer., Alaska

CHAINS East Boundary of T. 29 N. R. 24 W., Kateel River Merdian, Alaska From the stan. cor. of Tps. 29 N., Rs. 23 and 24 W. North, with the establishment of the line bet. T. 29 N., Rs. 23 and 24 W., bet. secs. 31 and 36. 80.00 Point for the cor. of secs. 25, 30, 31 and 36; not monumented. Land, nearly level. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 25 and 30. Point for the cor. of secs. 19, 24, 25 and 30. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R24W R23W S24 S19 S25 S30 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 19 and 24. 80.00 Point for the cor. of secs. 13, 18, 19 and 24; not monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 13 and 18. Point for the cor. of secs. 7, 12, 13 and 18. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a mound of stone, 3 ft. base to top of brass cap, mkd. T29N
 R24W
 R23W

 S12
 S7

 S13
 S18
 Land, gently rolling in southerly portion; remainder mountainous. Soil, frozen silt in southerly portion; remainder frozen clay and rocks. No timber or undergrowth. North, bet. secs. 7 and 12.

E. Bdy. of T. 29 N., R. 24 W., Kateel River Mer., Alaska

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N. Bdy. of T. 29 N., R. 24 W., Kateel River Mer., Alaska

CHAINS West, bet. secs. 4 and 33. 80.00 Point for the cor. of secs. 4, 5, 32 and 33. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T30N R24W <u>S32</u> S33 <u>S5</u> S4 T29N 1976 Land, rolling in easterly portion; remainder mountainous. Soil, frozen silt and clay; stoney hilltops. No timber or undergrowth. West, bet. secs. 5 and 32. Left bank of the Kivalina River, course S. 10⁰ W.; point 23.28 for the meander cor. of secs. 5 and 32. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. $MC = \frac{\begin{array}{c} T30N \\ S32 \\ S5 \\ T20N \end{array}}{R24W}$ Right bank of the Kivalina River; point for the meander 31.74 cor. of secs. 5 and 32. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T30N/ 130N S32 R24W — MC S5 T29N Point for the cor. of secs. 5, 6, 31 and 32; not 80.00 monumented. Land, easterly portion nearly level; remainder mountainous. Soil, sand and gravel along river; remainder frozen clay. No timber; willow undergrowth along river. West, bet. secs. 6 and 31. The cor. of Tps. 29 and 30 N., Rs. 24 and 25 W., 78.22 heretofore described. Land, rolling hills. Soil, frozen clay and silt. No timber or undergrowth.

Subdivision of T. 29 N., R. 24 W., Kateel River Mer., Alaska

CHAINS Subdivisional Lines of T. 29 N., R. 24 W., Kateel River Meridian, Alaska From the stan. cor. of secs. 32 and 33, on the south bdy., heretofore described. N. 0°09' W., bet. secs. 32 and 33. 80.00 Point for the cor. of secs. 28, 29, 32 and 33; not monumented. Land, rolling hills. Soil, frozen silt. No timber or undergrowth. N. 0°09' W., bet. secs. 28 and 29. 80.00 Point for the cor. of secs. 20, 21, 28 and 29. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. R24W T29N
 S20
 S21

 S29
 S28
 1976 Land, rolling hills. Soil, frozen silt. No timber or undergrowth. N. 0°09' W., bet. secs. 20 and 21. 80.00 Point for the cor. of secs. 16, 17, 20 and 21; not monumented. Land, nearly level. Soil, frozen silt. No timber or undergrowth. N. 0°09' W., bet. secs. 16 and 17. 80.00 Point for the cor. of secs. 8, 9, 16 and 17. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R24W S8 S9 S17 S16 Land, nearly level. Soil, silt, sand and gravel. No timber or undergrowth. N. 0°09' W. bet. secs. 8 and 9. 49.52 Left bank of the Kivalina River, course S. 60° W.; point for the meander cor. of secs. 8 and 9. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.

Subdivision of T. 29 N., R. 24 W., Kateel River Mer., Alaska

	Kateel River Mer., Alaska
CHAINS	
	MC
5 	
	S8 S9 T29N R24W
	1976
	Land, nearly level.
	Soil, silt, sand and gravel. No timber; willow undergrowth near river.
	Thence on a blank line over a loop of the Kivalina
	River.
74.76	Left bank of the Kivalina River, course S. 65° E.; point for the meander cor. of secs. 4 and 5.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins.
	in the ground, with brass cap mkd.
	T29N R24W
	<u>\$5</u> \$4
	MC 1976
	N. 0° 09' W., bet. secs. 4 and 5.
35.72	The cor. of secs. 4, 5, 32 and 33, on the N. bdy.,
	heretofore described.
	Land, rolling.
	Soil, frozen silt and clay; stoney hilltops. No timber or undergrowth.
	West Boundary of T. 29 N., R. 25 W., Kateel River Meridian, Alaska
	From the stan. cor. of Tps. 29 N., Rs. 25 and 26 W.
	North, with the establishment of the line bet. Tps. 29 N., Rs. 25 and 26 W., bet. secs. 31 and 36.
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not monumented.
	Land, gently rolling.
	Soil, frozen silt. No timber or undergrowth.
	North, bet. secs. 25 and 30.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T 29N
	R26W R25W S24 S19
	S25 S30
	1976
	1976

W. Bdy. of T. 29 N., R. 25 W., Kateel River Mer., Alaska

CHAINS Land, rolling hills. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 19 and 24. Point for the cor. of secs. 13, 18, 19 and 24; not 80.00 monumented. Land, rolling hills. Soil, frozen silt. No timber or undergrowth. North, bet. secs. 13 and 18. Nameless creek, 10 lks. wide, westerly course to 76.20 Asikpak River. Point for the cor. of secs. 7, 12, 13 and 18. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T2**9**N
 R26W
 R25W

 S12
 S7

 S13
 S18
 1976 Land, rolling hills. Soil, frozen silt. No timber; willow undergrowth along creek. North, bet. secs. 7 and 12. Point for the cor. of secs. 1, 6, 7 and 12; not 80.00 monumented. Land, rolling hills. Soil, frozen silt. No timber; willow undergrowth along creek. North, bet. secs. 1 and 6. Point for the cor. of Tps. 29 and 30 N., Rs. 25 and 26 W. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T30N R26W | R25W S31 S36 **S1** T29N 1976 Land, gently rolling. Soil, frozen silt. No timber; willow undergrowth along river.

54

N. Bdy. of T. 29 N., R. 25 W., Kateel River Mer., Alaska

CHAINS North Boundary of T. 29 N., R. 25 W., Kateel River Meridian, Alaska From the cor. of Tps. 29 and 30 N., Rs. 24 and 25 W. West, with the establishment of the line bet. Tps. 29 and 30 N., R. 25 W., bet. secs. 1 and 36. 80.00 Point for the cor. of secs. 1, 2, 35 and 36, not monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 2 and 35. Point for the cor. of secs. 2, 3, 34 and 35. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T30N R25W S34 S35 S2 T29N 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 3 and 34. 80.00 Point for the cor. of secs. 3, 4, 33 and 34; not monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 4 and 33. Point for the cor. of secs. 4, 5, 32 and 33. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T30N R25W S32 S33 **S**4 <u></u>55 T29N 1976 Land, gently rolling. Soil, frozen silt. No timber or undergrowth. West, bet. secs. 5 and 32. Point for the cor. of secs. 5, 6, 31 and 32; not 80.00 monumented. Land, gently rolling. Soil, frozen silt. No timber; willow undergrowth along river.

N. Bdy. of T. 29 N., R. 25 W., Kateel River Mer., Alaska

55

CHAINS West, bet. secs. 6 and 31. The cor. of Tps. 29 and 30 N., Rs. 25 and 26 W., hereto-78.22 fore described. Land, gently rolling. Soil, frozen silt. No timber; willow and undergrowth along river. Subdivisional Lines of T. 29 N., R. 25 W., Kateel River Meridian, Alaska From the cor. of secs. 1, 6, 7 and 12, on the east bdy., heretofore described. West, bet. secs. 1 and 12. Point for the cor. of secs. 1, 2, 11 and 12. 80.00 Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
 T29N
 R25W

 S2
 S1

 S11
 S12
 1976 Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. S. 0⁰02' E., bet. secs. 11 and 12. 80.00 Point for the cor. of secs. 11, 12, 13 and 14. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T29N R25W <u>S11</u> S14 S12 1976 Land, rolling hills. Soil, frozen silt and clay. No timber or undergrowth. S. 0⁰02' E., bet. secs. 13 and 14. 80.00 Point for the cor. of secs. 13, 14, 23 and 24; not monumented. Land, gently rolling. Soil, frozen silt. No timber or undergrowth. S. 0⁰02' E., bet. secs. 23 and 24. 80.00 Point for the cor. of secs. 23, 24, 25 and 26. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.

Subdivision of T. 29 N., R. 25 W., Kateel River Mer., Alaska

CHAINS	
	T29N R25W <u>S23</u> <u>S24</u> <u>S26</u> <u>S25</u> 1976
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 23 and 26.
80.00	Point for the cor. bet. secs. 22, 23, 26 and 27; not monumented.
	Land, rolling hills. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 22 and 27.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T29N R25W <u>S21 S22</u> <u>S28 S27</u> 1976
	Land, rolling hills. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 21 and 28.
80.00	Point for the cor. of secs. 20, 21, 28 and 29; not monumented.
	Land, rolling hills. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 20 and 29.
80.00	Point for the cor. of secs. 19, 20, 29 and 30.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.
	T29N R25W <u>S19 S20</u> <u>S30 S29</u> 1976
	Land, gently rolling. Soil, frozen silt. No timber or undergrowth.
	West, bet. secs. 19 and 30.
79.41	The cor. of secs. 19, 24, 25 and 30, on the W. bdy., heretofore described.
	Land, rolling hills. Soil, frozen silt and clay.

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Group No. 257, Kateel River Meridian, Alaska

CHAINS	GENERAL DESCRIPTION
	This survey encompasses land along the easterly shore of the Chukchi Sea in the vicinity of the village of Kivalina, Alaska. It is entirely roadless with the ex- ception of unsurfaced dirt streets in the village and an access road to the adjoining airstrip. Transportation within the area is limited to aircraft, small boats or snow vehicles in winter.
	The terrain is generally low lying and flat in the coastal area and in most of the southerly half of the survey. It is characterized by narrow sand spits ex- tending in a southeast-northwesterly direction separat- ing the Chukchi Sea from lagoons on the shoreward side.
	Inland from the lagoons, the land is boggy tundra, with numerous pingos, ponds and small lakes. It slopes gent- ly upward toward the northeast to about 100 feet eleva- tion at the base of rolling hills near the east margin of the survey. Hilltops south of the Wulik River are in the magnitude of 200 feet to 450 feet elevation west of the east boundary of the survey, but higher hills lie to the east. This land is also tundra, but somewhat drier on the slopes.
	Terrain in the northerly portion is generally higher and steeper than the southerly portion. It varies from level wet tundra near the coast and river bottoms to round- topped hills and mountainous areas. The tops of the hills are in the magnitude of 200 feet to 1,000 feet elevation. Mount Jarvis, immediately east of the survey boundary, reaches 1,456 feet elevation. Frost-fractured limestone rock fragments and thin soils are characteristic of these hilltops.
	The general drainage patterns in the area are from north- east to southwest into the many salt-water lagoons ad- joining the coast of the Chukchi Sea. The Wulik River and Kivalina River are the principal watercourses and pass through the central portion of the survey. Lesser streams include the Asikpak River and Okpiksugruk Creek along the northwesterly portion of the area and Imikruk Creek, Omikviorok River, New Heart Creek, Umagatsiak Creek and Agagrak Creek in the southeasterly portion. Near the coast, most streams are slow moving with tor- tuous alignment. Some of the smaller streams appear to be intermittent and may be dry during certain seasons of the year. Inland, the Kivalina River and Wulik River are broad, clear and generally shallow with swift current. Water level in these streams varied significantly during the period of the survey depending upon weather conditions upstream. Erosion from flooding is obvious and it appears that the course of these rivers changes frequently as the result of accretion, ice jams and other causes.
	The terrain in the low lying tundra is characterized by poor drainage with many beaded streams, ponds, shallow lakes and swampy areas. With the exception of the top few inches during summer months, the ground is permanent- ly frozen. Ice wedge polygonal crack patterns, typical of some permanently frozen soils, are obvious. Soils in these areas are usually silt or fine sand with a thin layer of organic material. Sticky brown clay is some- times encountered above the frost line in tundra areas at higher elevations.

Group No. 257, Kateel River Meridian, Alaska

	Group No. 257, Kateel River Meridian, Alaska
CHAINS	The sand spits between the sea and the lagoons consist of sand and fine gravel. The soil is free of frost to depths of 8 feet or more at most locations on the sea- ward side, but permanently frozen soil may be encounter- ed at depths as shallow as 1 1/2 feet at some locations along the lagoon side. Occasionally, polygonal crack patterns may be found near the lagoons. The spits are subject to erosion and accretion as the result of wave action and ice. Sand and gravel deposits occur along and in the larger streams. Depths in the magnitude of fifteen feet, or more, may be observed in exposed banks. The larger stones are predominantly fifty pounds, or less, with only occasional heavier boulders.
	Surface soils on slopes near the hill tops are generally clay intermixed with rock fragments. Permanently frozen soil is frequently encountered at about one foot depth wherever there is sufficient soil to support vegetative growth. Solufluction and creep are often evident on hillsides. The tops of the hills are usually frost- fractured rock fragments with little or no soil cover or vegetation. Limestone outcrops are to be found at the tops of most of the higher hills.
	The land is generally devoid of brush or timber and sup- ports only a thin covering of grass, moss, lichens, blue- berries and other fragile arctic flora. Other than on the beaches and gravel bars, this growth largely occurs in the form of tussocks, typical of poorly drained arctic tundra wherever there is sufficient soil depth. However, dense growth of willow and dwarf birch does occur in narrow bands along certain stream channels and on gravel bars.
	Kivalina is the only permanent settlement within the area. Its population was reported as being 142 persons in the 1967 edition of the Dictionary of Alaska Place Names, Geological Survey Professional Paper 567. The land is otherwise devoid of habitation although several Eskimo families were observed camping along the lagoons and rivers for the purpose of subsistence hunting, fish- ing and berry picking.
	No mining activity or mineral deposits are known to exist. However, there is interest in the area since a private geological reconnaisance team was observed work- ing throughout the area at the time of the survey.

ASO 9180-46 (May 1976)

59 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James S. Robar	Party Chief
Clay D. Davis	Party Chief
Mike P. Bayless	Chainman
Jeffrey S. Olson	Chainman
Patricia A. Robar	Chainman
Frederick J. Schwaderer	Chainman

CERTIFICATE OF INSPECTION

I, Clyde Duren, Jr. , HEREBY CERTIFY upon honor, that the foregoing survey executed under Contract No. YA-512-CT6-208 bearing date of the 20th day of July , 1976, has been field inspected and found to have been executed in strict conformance with the special instructions and 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.

1/10 (Contracting Officer's Authorized Representative)

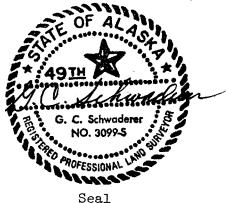
CERTIFICATE OF SURVEY

I, George C. Schwaderer for Schwaderer & Budka HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 4th day of February , 19 76 , and under Contract No. YA-512-CT6-208 bearing date of the 20th day of July , 19 76 , I have

surveyed the Sixth Standard Parallel North through Range 24 West; the Seventh Standard Parallel North through a portion of Range 23 West and through Ranges 24, 25, 26 and 27 West; the Sixth Guide Meridian West through Townships 26, 27, 28 and 29 North; the boundaries of Township 25 North, Range 24 West; the boundaries of Townships 26 North, Ranges 24 and 25 West; the boundaries of Townships 27 North, Ranges 24, 25, 26 and 27 West; the boundaries of Townships 28 North, Ranges 24, 25, 26 and 27 West; the boundaries of Townships 29 North, Ranges 24 and 25 West and portions of the subdivisional lines of Township 25 North, Range 24 West; Townships 26 North, Ranges 24 and 25 West; Township 27 North, Range 25 West; Townships 28 North, Ranges 24 and 25 West and Ranges 24 and 25 West and Townships 29 North, Ranges 24 and 25 West and Townships 29 North, Ranges 24 and 25 West

of the Kateel 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.

November 11, 1976 (Date)



CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Washington, D.C.

The foregoing field notes of the survey described in the Certificate of Survey above executed by Schwaderer & Budka

having been critically examined and found correct, are hereby approved.

DEC 2 8 1978	Benaul	of Cadastral Survey
(Date)	Chief, Division of	of Cadastral Survey

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in , is a true , is a true copy of the original field notes.

CERTIFICATE OF TRANSCRIPT