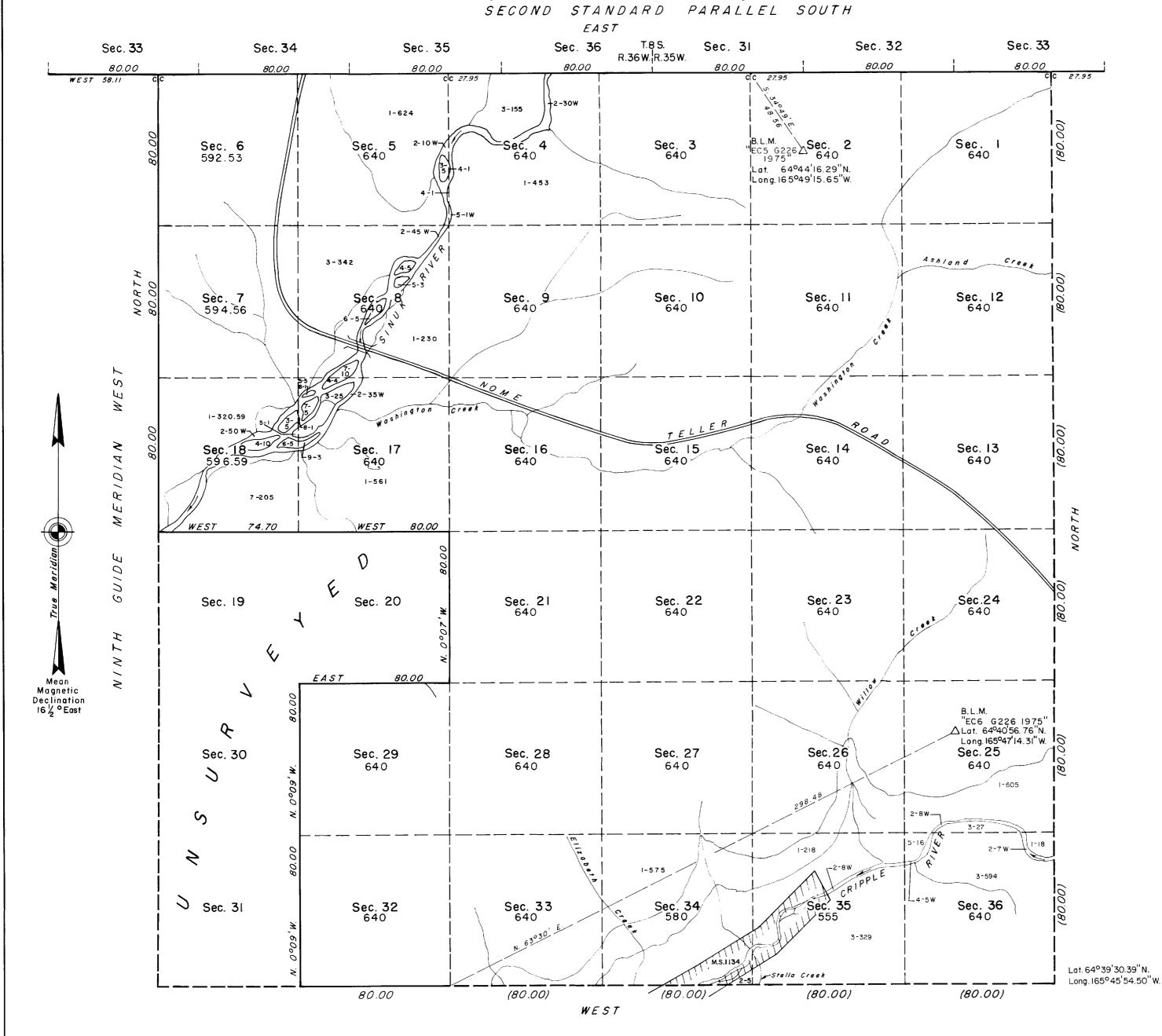
#### TOWNSHIP 9 SOUTH, RANGE 36 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA



The survey of the Second Standard Parallel South along the south boundaries of Tp. 8 S. through a portion of Rs. 35 and 36 W.; the Ninth Guide Meridian West along a portion of the west boundary of T. 9 S., between Rs. 36 and 37 W.; a portion of the south boundary, and a portion of the subdivisional lines of T. 9 S., R. 36 W., Kateel River Meridian, Alaska, was executed by Maurice P. Oswald and Richard K. DeCamp for Dickinson-Oswald-Walch-Lee, Engineers, beginning June 12, 1975, through July 23, 1975, under Special Instructions dated December 31, 1974, and Contract No. 52500-CT5-1068, for Group No. 226, Alaska.

The surveys executed under this contract were field inspected by Clyde Duren, Jr., Contracting Officer's Authorized Representative, and found to have been executed in strict conformance with the 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 field notes of this survey.

Portions of this township are protracted based upon the record of the surveyed lines, the official record of the Mineral Surveys, protraction diagram No. K14-6, approved October 14, 1960, and the approximate line of mean high-water as shown on U.S. Geological Survey topographic maps.

Nontidal waters considered meanderable under the guidelines of the Manual of Instructions for the Survey of the Public Lands of the United States, have been segregated and defined on this plat, and are identified by the letter "W" following the given areas. Water areas so identified are subject to any riparian entitlement attaching under Revised Statute 2476. These areas are included in the total "area surveyed" for each section and for the township.

Areas in sections where Mineral Surveys are present were determined by planimeter and rounded off to the nearest acre.

The mean magnetic delination and hydrography shown on this plat were obtained from U.S. Geological Survey topographic maps.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT
Denver, Colorado February 18, 1981

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

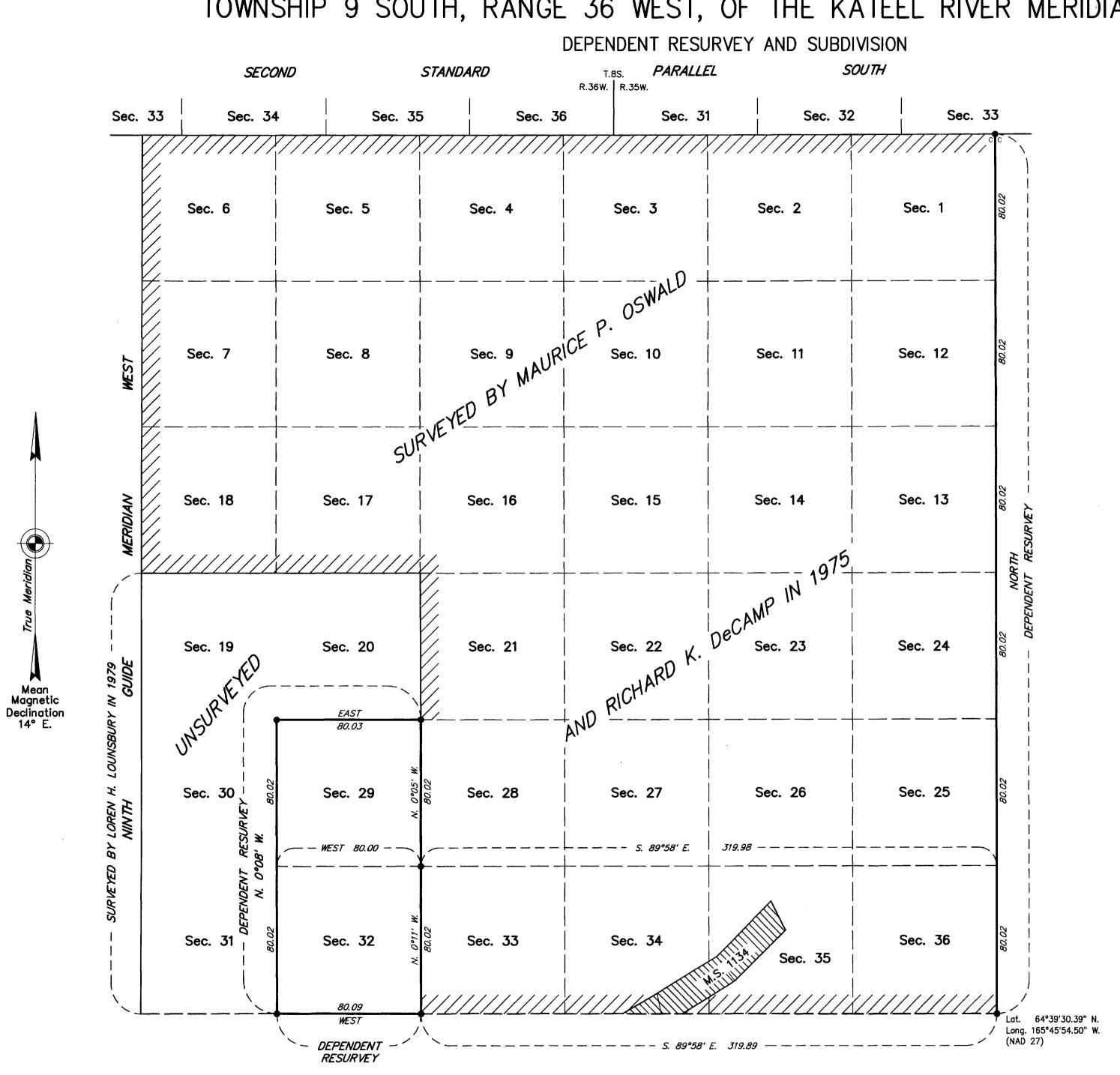
For the Director

. Doorheez

Chief, Cadastral Survey Examination and Approval Staff

Area surveyed: 20,198.68 acres

## TOWNSHIP 9 SOUTH, RANGE 36 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA



10 0 10 20 30 40

Chains

The history of surveys is contained in the field notes.

This plat and the field notes represent the dependent resurvey of a portion of the south boundary, the east boundary, and a portion of the subdivisional lines; and the survey of a portion of the subdivisional lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska.

The subdivisional lines are protracted based upon the surveyed lines; the plats of adjoining townships concurrently surveyed; and the Bureau of Land Management protraction diagram K14—6.

This survey was executed by Gary D. Kowal, Registered Alaska Land Surveyor No. LS-8856, for Sitnasuak Native Corporation, August 23, 2004 through August 28, 2004, in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, the Special Instructions for Group No. 919, dated May 25, 2004, approved June 3, 2004, Contract No. NAC040256, dated August 17, 2004, and the Notice to Proceed dated August 20, 2004.

Corner positions for this survey were determined using GPS Real-Time Kinematic techniques (RTK) and were verified using GPS Rapid Static methodology. No lines were run on the ground.

Except as indicated hereon, the lottings and areas are as indicated on the plat of Township 9 South, Range 36 West, Kateel River Meridian, Alaska, accepted February 18, 1981.

The direction of all lines returned on this plat are reported as mean bearings with reference to the true meridian, unless otherwise indicated.

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

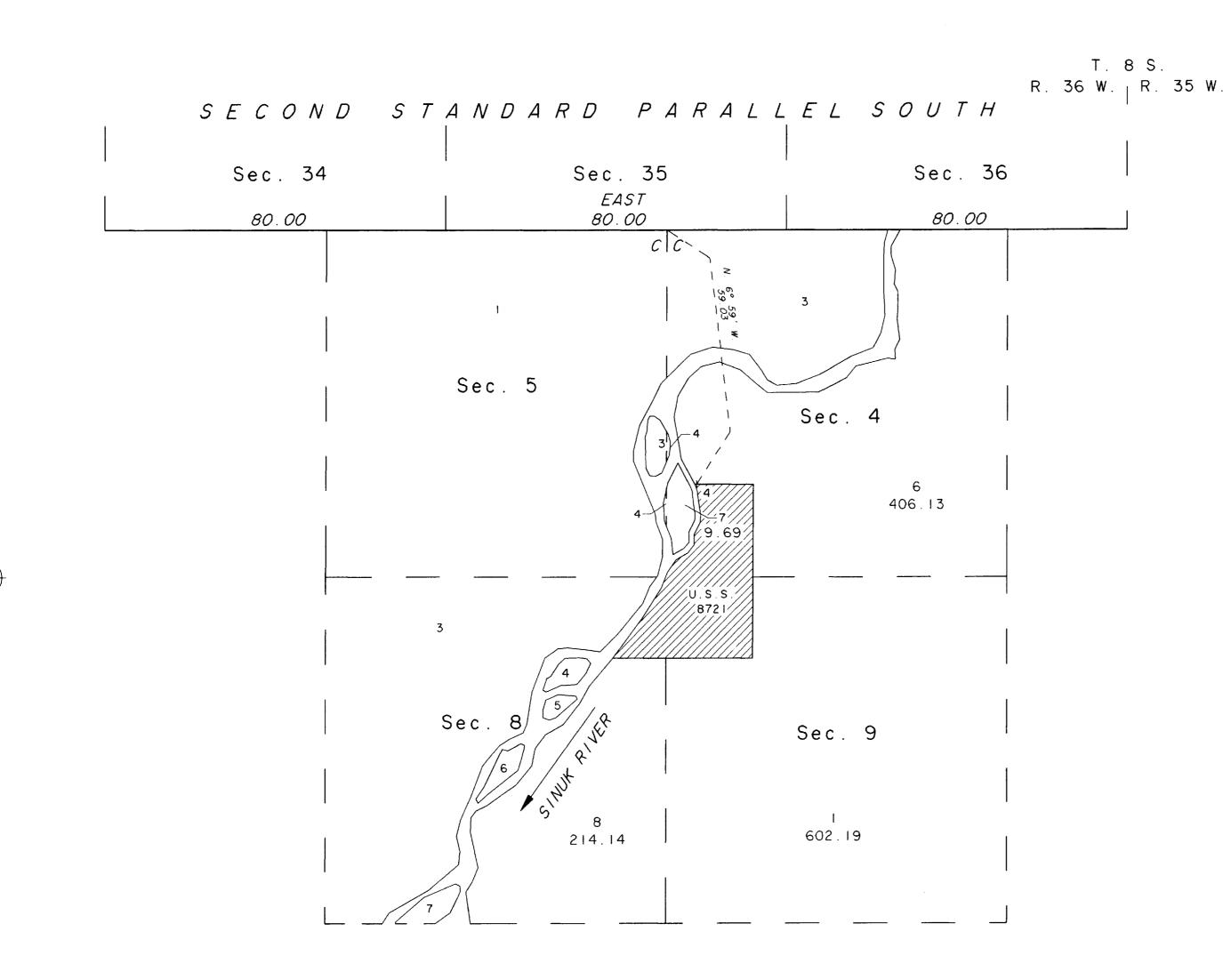
> UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Anchorage, Alaska

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

For the Director

Deputy State Director for Cadastral Survey, Alaska

# TOWNSHIP 9 SOUTH, RANGE 36 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA SEGREGATION SURVEY



This segregation survey plat of sections 4, 5, 8, and 9, Township 9 South, Range 36 West, Kateel River Meridian, Alaska, shows amended lotting; segregates U.S. Survey No. 8721; revises the hydrography and segregates areas of water previously identified by a lot number but not segregated from the total areas surveyed as shown on the original township plat. Except as indicated hereon, the lottings and areas are as shown on the plat accepted February 18, 1981. These revisions are based upon the official survey records; color infrared photography flown in July 1980 by the National Aeronautics and Space Administration; U.S. Geological Survey Orthophoto flown in July 1977; the plat of Township 9 South, Range 36 West, Kateel River Meridian, Alaska, accepted February 18, 1981; the plat of U.S. Survey No. 8721 accepted December 23, 1987; Special Instructions for Group No. 623 dated May 1, 1994, and approved May 1, 1994; and Assignment Instructions dated May 11, 2004.

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

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

This segregation survey plat is based upon the official records and, having been correctly prepared in accordance with the regulations of this Bureau, is hereby accepted.

For the Director

John Snowfe 12/23/2005

Deputy State Director for Cadastral Survey, Alaska

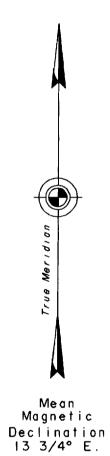
#### TOWNSHIP 9 SOUTH, RANGE 36 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA DEPENDENT RESURVEY AND SURVEY The history of surveys is contained in the field N. 89° 58′ W. This plat and the field notes represent the 80.30 74.98 dependent resurvey of the Ninth Guide Meridian West, through a portion of Township 9 South, 66.54 between Ranges 36 and 37 West, and a portion of the subdivisional lines; and the survey of a portion of EAST *39.99* the south boundary, certain tracts, and portions of the meanders of Township 9 South, Range 36 West, of the Kateel River Meridian, Alaska. This survey was executed by Joshua J. Smail, Cadastral Surveyor, June 17 through July 7, 2006, in TRACT A accordance with the specifications set forth in the 159.98 Manual of Surveying Instructions, 1973, and Special 05 Instructions for Group No. 1000, Alaska, dated May Sec. 20 16, 2006, approved May 22, 2006. 0° 07' W. The islands depicted on the plat with dashed lines arose from the river bed after January 3, 1959 and are not public lands. 40.00 TRACT C 80 0.03 20 € 7.5/ Sec. 19 EAST 80.03 TRACT B 2275.95 Sec. 30 MERIDIAN Sec. 24 Sec. 19 **EMERGED** ISLAND 90 Declination 13 1/4° E. **≥** 848 **EMERGED** ISL AND Sec. 31 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Anchorage, Alaska This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted. For the Director 64°39'30.40" N. 165°56'00.81" W. S. 89° 57′ W. 75.42 (NAD 27) Deputy State Director for Cadastral Survey, Alaska 1 0 1 2 3 4 5 Chains DETAIL Area Surveyed: 2,435.96 Acres

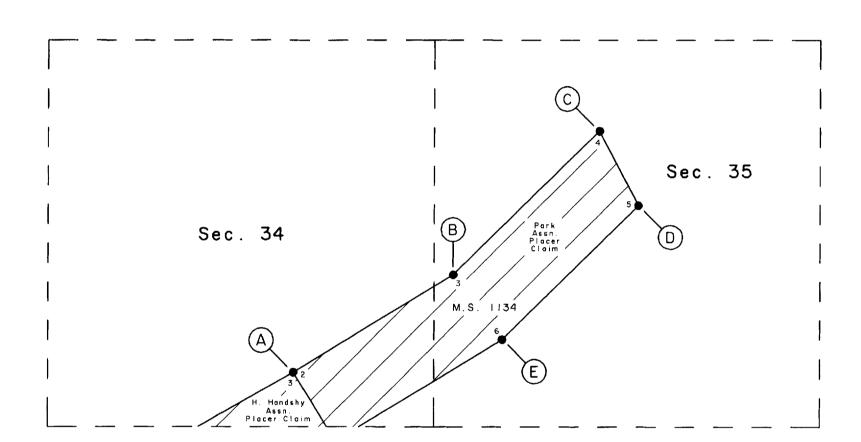
#### TOWNSHIP 9 SOUTH, RANGE 36 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA RECOVERY AND REMONUMENTATION

The history of surveys is contained in the field

This plat and the field notes represent the recovery and remonumentation of the corners of Mineral Survey No. 1134 in Township 9 South, Range 36 West, of the Kateel River Meridian, Alaska.

This survey was executed by Joshua J. Smail, Cadastral Surveyor, September 14 through October 12, 2005, in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, and Special Instructions for Group No. 967, Alaska, dated July 7, 2005, approved July 11, 2005.





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

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

For the Director

Deputy State Director for Cadastral Survey, Alaska

Chains

Form 9180-6 (April 1974)

#### **ORIGINAL**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECTANGULAR VOLUME 69

PAGE 345

#### FIELD NOTES

OF

THE SURVEY OF
PORTIONS OF THE SECOND STANDARD PARALLEL SOUTH (SOUTH BOUNDARY OF
TOWNSHIPS 8 SOUTH, IN RANGES 32, 33, 35 AND 36 WEST); PORTIONS OF
THE NINTH GUIDE MERIDIAN WEST IN TOWNSHIPS 9 AND 11 SOUTH, BETWEEN
RANGES 36 AND 37 WEST; PORTIONS OF THE BOUNDARIES OF TOWNSHIPS 9
AND 10 SOUTH, RANGE 36 WEST, TOWNSHIPS 9 AND 10 SOUTH, RANGE 34
WEST, TOWNSHIP 10 SOUTH, RANGE 33 WEST, TOWNSHIP 11 SOUTH, RANGE
32 WEST, TOWNSHIPS 11 AND 12 SOUTH, RANGE 31 WEST AND PORTIONS OF
THE SUBDIVISIONAL LINES IN TOWNSHIPS 9 AND 10 SOUTH, RANGE 36
WEST, TOWNSHIPS 9 AND 10 SOUTH, RANGE 35 WEST, TOWNSHIPS 9 AND 10
SOUTH, RANGE 34 WEST, TOWNSHIPS 9 AND 10 SOUTH, RANGE 33 WEST,
TOWNSHIPS 10 AND 11 SOUTH, RANGE 32 WEST, AND TOWNSHIPS 10 AND 11
SOUTH, RANGE 31 WEST.
Of the KATEEL RIVER Meridian,
In the State of
EXECUTED BY
Maurice P. Oswald and Richard K. DeCamp for
Dickinson-Oswald-Walch-Lee, Engineers
Under Contract Number 52500-CT5-1068
Under special instructions dated <u>December 31</u> , 19 <u>74</u> , approved <u>January 10</u> , 1975,
, which provided for the surveys included under U.S. Survey/Group
Number 226 , and assignment instructions dated, 19
and Notice to Proceed dated May 16, 1975.
Survey commenced June 12, , 19 75
Survey completed July 23, , 19 75

# INDEX TO SECTION CORNER MONUMENTS

т.	11	s.,	D	36	W.	,	Mor	Kateel	River
∃n.		~ ,	. K.,			<del>-</del>	wer.		

6	5	4	3	2	1
7	8	9	10	1.1	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

9th Guide Meridian West Pages 2-3

Тр.	10	s.	,	R.	_36	W.,	 Mer.	<u>Kateel</u>	_River

6	5	4	3	2	1
7	8	9	10	П	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

S. bdy. Pages 3-4 Subdivision Pages 5-8

6 5 4 3 2 I Subd 9th West 2nd Sout	er
7 8 9 10 11 12 2nd	liv
	St
18 17 16 15 14 13	
19 20 21 22 23 24	
30 29 28 27 26 25	
31 32 33 34 35 36	

S. bdy. Page 8
Subdivision Pages 8-10
9th Guide Meridian
West Pages 11-12
2nd Standard Parallel
South Pages 12-14

# INDEX TO SECTION CORNER MONUMENTS

Tp. 9 S., R. 35 W., Mer. Kateel River

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

2nd Standard Parallel South Pages 14-16 Subdivision Pages 16-19

Tp. 10 S., R. 35 W., Mer. Kateel River

, p					
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision Pages 19-23

Tp. 10 S., R. 34 W., Mer. Kateel River

6	5	4	3	2	l.
7	8	9	10	[]	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision Pages 23-26 N. bdy. Pages 33-34 Subdivision Pages 34-37

# INDEX TO SECTION CORNER MONUMENTS

Tp. 98., R. 34 W., Mer. Kateel River

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
	32	33	34	35	36

Subdivision Pages 26-29 2nd Standard Parallel South Pages 30-31 E. bdy. Pages 31-33

Tp. 10 S., R. 33 W., Mer. Kateel River

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision Pages 37-38 Subdivision Pages 47-49 S. bdy. Page 49

Tp. 9 S., R. 33 W., Mer. Kateel River

	_				
6	5	4	3	2	-
7	8	9	10	П	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision Pages 38-41 2nd Standard Parallel South Pages 41-43 Subdivision Pages 43-47

# INDEX TO SECTION CORNER MONUMENTS

Tp. 11 S., R. 32 W., Mer. Kateel River

6	5	4	3	2	1
7	8	9	10	11	12
16	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

N. bdy. Pages 49-50 Subdivision Pages 50-55

Tp. 10 S., R. 32 W., Mer. Kateel River

Subdivision Pages 55-56

Tp.	10 S.,	R.	31 W., Mer.	Kateel	River
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6	5	4	3	2	1
7	8	9	10	П	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision Pages 56-57

# INDEX TO SECTION CORNER MONUMENTS

Tp. 11 S., R. 31 W., Mer. Kateel River

6	5	4	3	2	1
7	8	9	10	1.1	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision Pages 57-60 S. bdy. Pages 60-61

Tp. 12 S. R. 31 W. Mer. Kateel River

6	5	4	3	2	1
7	8	9	10	11	12
1:8	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

E. bdy. Pages 61-62

Tp	R		_ RMer		
6	5	4	3	2	-
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

CHAINS

There are numerous U.S. Surveys and U.S. Mineral Surveys existing within the area covered by this survey.

This survey establishes portions of the Second Standard Parallel South (south boundary of Townships 8 South, in Ranges 32, 33, 35 and 36 West); portions of the Ninth Guide Meridian West in Townships 9 and 11 South, between Ranges 36 and 37 West; portions of the boundaries of Townships 9 and 10 South, Range 36 West, Townships 9 and 10 South, Range 34 West, Township 10 South, Range 33 West, Township 11 South, Range 32 West, Townships 11 and 12 South, Range 31 West and portions of the subdivisional lines in Townships 9 and 10 South, Range 36 West, Townships 9 and 10 South, Range 35 West, Townships 9 and 10 South, Range 34 West, Townships 9 and 10 South, Range 34 West, Townships 10 and 11 South, Range 32 West, and Townships 10 and 11 South, Range 31 West, of the Kateel River Meridian, Alaska.

This survey was executed under private contract number 52500-CT5-1068 and in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated December 31, 1974.

The lines established by this survey and described herein, along with the natural mean-high waterlines of Norton Sound within the exterior boundaries of these townships, form the boundaries of lands authorized for survey as described in the Special Instructions for Group No. 226, Alaska, dated December 31, 1974.

Bearings were obtained from existing U.S. Coast and Geodetic Survey monuments "Army Peak 2 1944" and "Banner 1944" and carried throughout this survey by sustained angulation being referred to the true meridian. Distances were determined with the use of electronic distance measuring units.

Position control, for corners in this survey, is based on existing U.S. Coast and Geodetic Survey monuments "Army Peak 2 1944" and "Banner 1944". Positions for other existing control monuments and electronic control stations set in the execution of this survey were determined by closed traverse based on the above two existing survey monuments. Details of such traverses have been thoroughly verified, and in order to simplify the record, the reductions and diagrams of these traverses are omitted from this field note record.

Corners of this survey were set from the above mentioned control points at pre-computed bearings and distances to the protracted position based upon the official Bureau of Land Management Protraction Diagrams for these townships. Corners so established show the ties to the control point(s) from which they were established. Corner positions were verified by an angular tie to two known positions.

#### GROUP NO. 226, ALASKA

CHAINS

Nonregulation monuments consisting of coppercoated steel rods, 36 inches long, 9/16 inch diameter, with brass caps, 1 1/2 inches diameter, (Trade name Copperweld) were authorized for use as monuments where the rectangular survey lines intersect the boundaries of mineral surveys.

The field notes are written in a continuous order around the entire bounds of the survey in order to lend continuity to the field note record.

The geographic position of the corner of Tps. 10 and 11 S., Rs. 32 and 33 W., is:Latitude 64°34'18.603"N., Longitude 165°09'52.48 "W., as determined by tie to the previously described Horizontal Control.

The mean magnetic declination is 16 1/2° East.

SURVEY OF A PORTION OF THE W. BDY. OF T.11 S., R.36 W., (9th GUIDE MERIDIAN WEST) KATEEL RIVER MERIDIAN, ALASKA

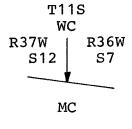
Beginning at the point for the meander cor. of secs. 7 and 12 on the 9th G.M. West, bet. Rs. 36 and 37 W., T.11 S., on the northerly shore of Norton Sound; an unsafe place for a monument.

North, along the 9th G.M. West, bet. Rs. 36 and 37 W.

Over rolling hills.

0.53 Point selected for the witness cor. to the meander cor. of secs. 7 and 12.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.



1975

from which

U.S.C. & G.S. Traverse tation "SPUR 1969", a brass tablet, 3 1/2 ins. diam., seated in a boulder in place, bears S. 78°59' E., 168.28 chs. dist.

Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.

W. BDY., (9th G.M. WEST) T.11 S., R.36 W., KATEEL RIVER MERIDIAN, ALASKA

***	CHAINS	
	1.84	Point for the cor. of secs. 1, 6, 7, and 12, on the 9th G.M. West; not monumented.
		North, on the 9th G.M. West, bet. secs. 1 and 6.
	:	Over steep S. Slope.
	80.00	Point for the cor. of Tps. 10 and 11 S., Rs. 36 and 37 W.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
		T10S R37W R36W S36 S31
		S1 S6
		T11S 1975
:		Raise a mound of stone, 5 ft. base, 6 ft. high, 1 lk. W. of monument.
		Land: mountainous Soil: rock. No timber.
		SURVEY OF A PORTION OF THE SOUTH BOUNDARY, T.10 S., R.36 W., KATEEL RIVER MERIDIAN, ALASKA
		From the cor. of Tps. 10 and 11 S., Rs. 36 and 37 W.
		East, bet. secs. 6 and 31.
		Over steep hills.
	76.97	Point for the cor. of secs. 5, 6, 31, and 32; not monumented.
		East, bet. secs. 5 and 32.
		Over steep hills.
	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., 26 ins. in the ground, with brass cap mkd.
		<b> </b>

#### S. BDY., T.10 S., R.36 W., KATEEL RIVER MERIDIAN, ALASKA

	KAILEL KIVER MERIDIAN, ALASKA
CHAINS	m10C D2CM
	T10S R36W
	S32 S33
	S5   S4
	T11S
	1975
	Raise a mound of stone, 2 1/2 ft. base, 3 ft. high, 1 lk. W. of monument.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	East, bet. secs. 4 and 33.
	Over rolling hills.
80.00	Point for the cor. of secs. 3, 4, 33, and 34; not monumented.
	East, bet. secs. 3 and 34.
	Over rolling hills.
80.00	Point for the cor. of secs. 2, 3, 34, and 35.
	Set an iron post, 28 ins. long, 1 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T10S R36W
	S34 S35
	S3 S2
	T11S 1975
	from which
	B.L.M. electronic control station E.C. 7, Groups 226, a 9/16 in. diam. copper coated steel rod, 36 ins. long, with a 1 1/2 in. brass cap, driven 28 ins. in the ground, in a mound of stone to top, situated on a round top mountain approx. 5 miles North of Norton Sound and 1 1/2 miles East of Cripple River, bears N.58°45'E., 225.86 chs. dist.
	The most westerly cor. of an old mine shaft 10 ft. x 10 ft. bears N.78°E., 48 lks. dist.

Raise a mound of stone, 2 ft. base, 1 1/2 feet high, 1 lk. W. of monument.

Land: mountainous.
Soil: rock, tundra, permafrost.

No timber.

CHAIÑS	
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T.10 S., R.36 W., KATEEL RIVER MERI-DIAN, ALASKA
	From the cor. of secs. 2, 3, 34, and 35, Tps. 10 and 11 S., R.36 W.
	N.0°04'W., bet. secs. 34 and 35.
	Over rolling hills.
80.00	Point for the cor. of secs. 26, 27, 34, and 35; not monumented.
	N.0°04'W., bet. secs. 26 and 27.
	Over rolling hills.
80.00	Point for the cor. of secs. 22, 23, 26, and 27.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with the brass cap mkd.
	T10S R36W
	S22 S23
	S27 S26
	1975
	from which
	B.L.M. Electronic control station E.C. 7, Group 226, hereinbefore described bears S.77°30'E., 197.95 chs. dist.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	West, bet. secs. 22 and 27.
	Over rolling hills.
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., 26 ins. in the ground, with brass cap mkd.
	T10S R36W
	S21 S22
	S28 S27
	1975

No accessories available at this corner.

·	TO SO, KOSO WO, KAILED KIVEK MEKIDIAN, ALASKA
CHAINS	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	N.0°05'W., bet. secs. 21 and 22.
	Over a N. slope.
80.00	Point for the cor. of secs. 15, 16, 21, and 22.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T10S R36W
	S16   S15
	S21 S22
	, 1975
	from which
	B.L.M. Electronic control station E.C. 7, Group 226, hereinbefore described, bears S.65°50'E., 299.68 chs. dist.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	West, bet. secs. 16 and 21.
	Over rolling hills.
80.00	Point for the cor. of secs. 16, 17, 20, and 21.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T10S R36W
	S17   S16
	S20 S21
	1975
	from which
	B.L.M. Electronic Control Station E.C. 7, Group 226, hereinbefore described, bears S.70°53'E., 374.11 chs. dist.
	Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.

	,
CHAINS	N.0°07'W., bet. secs. 16 and 17.
	Over rolling hills along a general east slope.
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., 26 ins. in the ground, with brass cap mkd.
	T10S R36W
	S8 S9
	S17 S16
	1975
·	Raise a mound of stone, 3 ft. base, 3 ft. high, 1 lk. W. of monument.
	Land: mountainous. Soil: rock, tundra. No timber.
	N.0°07'W., bet. sec. 8 and 9.
	Over rolling hills.
80.00	Point for the cor. of secs. 4, 5, 8, and 9; not monumented.
	N.0°07'W., bet. secs. 4 and 5.
	Over rolling hills.
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., 26 ins. in the ground, with brass cap mkd.
	T9S R36W
	S32 S33
	S5 S4
	T10S
	1975
	from which
	B.L.M. Electronic control station E.C. 6, Group 226, a 9/16 ins. copper coated steel rod, 36 ins. long, with a 1 1/2 in. diam. brass cap, driven 20 ins. in the ground, in a mound of stone, to top, situated on the N. end of a rounded knob atop a limestone and shale ridge overlooking Cripple River to the south and east, bears N.63°30'E., 298.48 chs. dist.

U.S.L.M. No. 1134, a 10x10x7 ft. limestone block, marked with an "X" and U.S.L.M.

S 1134, with a mound of stone, 3 ft. base, 2 1/2 ft. high on top, bears S.52°20'E., 68.28 chs. dist.

B.L.M. Electronic control station E.C. 7, Group 226, hereinbefore described, bears S.44°19'E., 506.70 chs. dist.

Land: mountainous.

Soil: rock, tundra, permafrost.

No timber.

SURVEY OF A PORTION OF THE SOUTH BOUNDARY OF T.9 S., R.36 W., KATEEL RIVER MERIDIAN, ALASKA.

From the cor. of secs. 4, 5, 32, and 33, Tps. 9 and 10 S., R.36 W.

West, bet. secs. 5 and 32.

Over rolling hills along a general S. slope.

80.00 Point for the cor. of secs. 5, 6, 31, and 32.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T9S R36W

T10S 1975

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, 1 lk. W. of monument.

Land: mountainous.

Soil: rock, tundra, permafrost.

No timber.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.9 S., R.36 W., KATEEL RIVER MERIDIAN, ALASKA

From the cor. of secs. 5, 6, 31, and 32, Tps. 9 and 10 S., R.36 W.

N.0°09'W., bet. secs. 31 and 32.

Over rolling hills along a general W. slope.

80.00 Point for the cor. of secs. 29, 30, 31, and 32; not monumented.

SUBDIVISIONAL LINES,
T.9 S., R.36 W., KATEEL RIVER MERIDIAN, ALASKA

CHAINS

N.0°09'W., bet. secs. 29 and 30.

Over rolling hills.

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., 26 ins. in the ground, with brass cap mkd.

**T9S R36W** 

S19 S20 S30 S29

1975

Raise a mound of stone 3 ft. base, 2 1/2 ft. high, 1 lk. W. of monument.

Land: mountainous.

Soil: rock, tundra, permafrost.

No timber.

East, bet. secs. 20 and 29.

Over rolling hills.

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., 26 ins. in the ground, with brass cap mkd.

T9S R36W

 S20
 S21

 S29
 S28

1975

from which

U.S. Army Map Service triangulation station "LAST CHANCE AMS 1949", a standard Corps of Engineers brass disk set flush in a rock outcrop forming a ledge in a small N. and S. ridge, bears N.75°26'E., 658.24 chs. dist.

The right edge of the center bent of five such bents under the Sinuk River bridge, on the Teller Road, bears N.14°05'W., approximately 2 1/4 miles dist.

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, 1 lk. W. of monument.

Land: mountainous.

Soil: rock, tundra, permafrost.

No timber.

N.0°07'W., bet. secs. 20 and 21.

10 SUBDIVISIONAL LINES, T.9 S., R.36 W., KATEEL RIVER MERIDIAN, ALASKA CHAINS Over rolling hills, over a general NW. slope. 80.00 Point for the cor. of secs. 16, 17, 20, and 21. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T9S R36W S17 | S16 S20 S21 1975 from which B.L.M. Electronic Control Station, E.C. 5, Group 226, a 9/16 in. copper-coated steel rod, 36 ins. long, with a 1 1/2 in. diam. brass cap; driven 16 ins. into rock and in a mound of stone, to top. Point is situated atop a limestone mountain over-looking Sinuk River to the west and bears N.43°05'E., 274.16 chs. dist. Land: mountainous. Soil: rock, tundra, permafrost. No timber. West, bet. secs. 17 and 20. Valley.

Along a slight NW. slope across the Sinuk River

80.00 Point for the cor. of secs. 17, 18, 19, and 20; not monumented.

West, bet. secs. 18 and 19.

Along a slight NW. slope.

74.70 Intersect the 9th G.M. West, point for the cor. of secs. 13, 18, 19, and 24.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

> T9S R37W R36W S18 **S13** S24 S19 1975

from which

The right bank of the Sinuk River, course S. 45° W., bears East, 45 lks. dist.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. <u>high, 1 lk. W. of monument.</u>

W. BDY., T.9 S., R.36 W., (9th G.M. WEST) KATEEL RIVER MERIDIAN, ALASKA

	vis /
	SURVEY OF A PORTION OF THE W. BDY. OF T.9 S., R.36 W., (9th GUIDE MERIDIAN WEST) KATEEL RIVER MERIDIAN, ALASKA
	From the cor. of secs. 13, 18, 19, and 24, Tps. 9 S., Rs. 36 and 37 W.
	North, on the 9th G.M. West, bet. secs. 13 and 18.
	Over rolling hills along a general SE. slope.
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., 26 ins. in the ground, with brass cap mkd.
	T9S
	R37W R36W
	S12 S7
	S13 S18
	1975
	from which
	B.L.M. electronic control station E.C. 5, Group 226, hereinbefore described, bears N.70°34'E., 362.38 chs. dist.
	North, on the 9th G.M. West, bet. secs. 7 and 12.
	Over rolling hills.
80.	00 Point for the cor. of secs. 1, 6, 7, and 12; not monumented.
	North, on the 9th G.M. West, bet. secs. 1 and 6.
	Over rolling hills.
80.	ON Intersect the Second Stan. Par. S., point for the closing cor. of Tps. 9 S., Rs. 36 and 37 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T8S R36W
	S33
	S1 S6
	R37W R36W T9S CC
	1975

#### 12 W. BDY., T.9 S., R.36 W., (9th G.M. WEST) KATEEL RIVER MERIDIAN, ALASKA

CHAINS	from which
	B.L.M. electronic control station, E.C. 5, Group 226, hereinbefore described, bears S.83°25'E., 344.02 chs. dist.
	From this point, the point for the stan. cor. of secs. 32 and 33, T.8 S., R.36 W., bears West, 58.11 chs. dist.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	SC
	T8S R36W
	S32 S33
	1975
	Tan 3
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	SURVEY OF A PORTION OF THE SOUTH BOUNDARY, T.8 S., R.36 W., (2d STAN. PAR. S.) KATEEL RIVER MERIDIAN, ALASKA.
	From the closing cor. of Tps. 9 S., Rs. 36 and 37 W.
	East, along the Second Stan. Par. S.
i	Over rolling hills along a general SE slope.
21.89	Point for the stan. cor. of secs. 33 and 34; not monumented.
	East, along the Second Stan. Par. S.
	Over rolling hills.
80.00	Point for the stan. cor. of secs. 34 and 35; not monumented.
	East, along the Second Stan. Par. S.
	Over rolling hills.
52.05	Point for the closing cor. of secs. 4 and 5, T.9 S., R.36 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

#### S. BDY., T.8 S., R.36 W., (2d STAN. PAR. S.) KATEEL RIVER MERIDIAN, ALASKA

CHAINS	T8S R36W
	S35
	S5 S4
	T9S R36W CC
	1975
	from which
	B.L.M. electronic control station E.C. 5, Group 226, hereinbefore described, bears S.78°03'E., 191.93 chs. dist.
80.00	Point for stan. cor. of secs. 35 and 36; not monumented.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	East, along the Second Stan. Par. S.
	Along a general SE. slope and across the Sinuk River Valley over rolling terrain.
80.00	Point for the stan. cor. of Tps. 8 S., Rs. 35 and 36 W.; not monumented.
	SURVEY OF THE SOUTH BOUNDARY OF T.8 S., R.35 W., (2d STAN. PAR. S.) KATEEL RIVER MERIDIAN, ALASKA
	From the point for the stan. cor. of Tps. 8 S., Rs. 35 and 36 W.
	East, along the Second Stan. Par. S.
	Along a general SE. slope and across the Sinuk River Valley over rolling terrain.
52.05	Point for the closing cor. of secs. 2 and 3, T.9 S., R.36 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T8S R35W S31 S3 S2 T9S R36W
	CC 1975
	from which

#### S. BDY., T.8 S., R.35 W., (2d STAN. PAR. S.) KATEEL RIVER MERIDIAN, ALASKA

	KATEEL RIVER MERIDIAN, ALASKA
CHAINS	B.L.M. electronic control station E.C. 5, Group 226, hereinbefore described, bears S.34°49'E., 48.56 chs. dist.
80.00	Point for the stan. cor. of secs. 31 and 32; not monumented.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	East, along the Second Stan. Par. S.
	Over rolling hills.
	Point for the stan. cor. of secs. 32 and 33; not monumented.
	East, along the Second Stan. Par. S.
52.05	Point for the closing cor. of Tps.9 S., Rs. 35 and 36 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T8S R35W
	<b>s</b> 33
	R36W R35W
	T9S CC 1975
	from which
	B.L.M. electronic control station E.C. 5, Group 226, hereinbefore described, bears S.73°15'W., 138.18 chs. dist.
	Cor. No. 2, Evening Lode, U.S.M.S. No. 503, a 4x4 in. fir post, firmly set, marked 2-503E on W. face, bears N.76°35'W., 17.03 chs. dist.
80.00	Point for the stan. cor. of secs. 33 and 34; not monumented.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	East, along the Second Stan. Par. S.
	Over rolling mountains along a general NW. slope.
80.00	Point for the stan. cor. of secs. 34 and 35; not monumented.
i .	

## S. BDY., T. 8 S., R.35 W., (2d STAN. PAR. S) KATEEL RIVER MERIDIAN, ALASKA

CHAINS	
i	East, along the Second Stan. Par. S.
45.99	Point for the closing cor. of secs. 4 and 5.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
<u>.</u>	T8S R35W
	S35
	S5 S4
	T9S R35W CC
	1975
	No accessories available at this corner.
80.00	Point for the stan. cor. of secs. 35 and 36; not monumented.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	East, along the Second Stan. Par. S.
	Over rolling mountains.
45.99	Point for the closing cor. of secs. 3 and 4.
1	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T8S R35W S36
	S4 S3
	T9S R35W CC
·	1975
	from which
	U.S. Army Map Service triangulation station "Last Chance AMS 1949", hereinbefore described, bears S.28°07'E., 176.66 chs. dist.
	From this point the stan. cor. of T.8 S., Rs. 34 and 35 W., bears East, 34.01 chs. dist.
·	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

#### S. BDY., T.8 S., R.35 W., (2d STAN. PAR. S) KATEEL RIVER MERIDIAN, ALASKA

CHAINS	7
CHAINS	SC T8S
	R35W R34W S36 S31
	1975
	from which
,	U.S.L.M. No. 1385, a 6 x 3 1/2 x 8 ft. limestone block, marked USLM No 1385 with an "X" on top, bears S.33°16'E., 149.29 chs. dist.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.9 S., R.35 W., KATEEL RIVER MERIDIAN, ALASKA
	From the closing cor. of secs. 3 and 4, T.9 S., R.35 W.
	S.0°05'E., bet. secs. 3 and 4.
	Over rolling mountains.
80.00	Point for the cor. of secs. 3, 4, 9, and 10; not monumented.
	S.0°05'E., bet. secs. 9 and 10.
	Over rolling mountains.
80.00	Point for the cor. of secs. 9, 10, 15, and 16.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T9S R35W
·	. S9   S10
	S16 S15
	1975
	Raise a mound of stone 2 ft. base, 2 ft. high, 1 lk. W. of monument.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	West, bet. secs. 9 and 16.

Over steep mountainous terrain and across Cripple River Valley.

снаійя 80.00	Point for the cor. of secs. 8, 9, 16, and 17; not monumented.
	West, bet. secs. 8 and 17.
	Over mountainous terrain.
80.00	Point for the cor. of secs. 7, 8, 17, and 18.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T9S R35W
	S7   S8
	S18 S17
	1975
	from which
	U.S. Army Map Service triangulation station "Last Chance AMS 1949", hereinbefore described, bears N.88°58'E., 243.04 chs. dist.
	Raise a mound of stone, 2 ft. base, 2 1/2 ft. high, 1 lk. W. of monument.
,	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	S.0°09'E., bet. secs. 17 and 18.
	Over rolling mountains.
	Point for the cor. of secs. 17, 18, 19, and 20; not monumented.
	S.0°09'E., bet. secs. 19 and 20.
	Over rolling mountains.
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., 26 ins. in the ground, with brass cap mkd.
	T9S R35W
	S19 S20
	S30 S29
	1975
	Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.

	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	East, bet. secs. 20 and 29.
	Over rolling hills.
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., 26 ins. in the ground, with brass cap mkd.
	T9S R35W
	S20   S21
	S29 S28
	1975
	from which
	U.S.L.M. No. 1109, a limestone in place, 2x2x4 ft., marked with an "X" and USLM SUR 1109 on top, bears N.79°58'E., 88.52 chs. dist.
	B.L.M. electronic control station E.C. 6, Group 226, hereinbefore described, bears S.82°37'W., 209.33 chs. dist.
	Land: rolling hills. Soil: rocks, tundra, permafrost. No timber.
	S.0°07'E., bet. secs. 28 and 29.
	Over rolling hills, across Oregon Creek Valley.
80.00	Point for the cor. of secs. 28, 29, 32, and 33; not monumented.
	S.0°07'E., bet. secs. 32 and 33.
	Over rolling hills.
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., 26 ins. in the ground, with brass cap mkd.
	T9S R35W
	S32   S33
	S5 S4
	T10S
	1975

CHAINS	from which
	B.L.M. electronic control station E.C. 7, Group 226, hereinbefore described, bears S.18°40'W., 383.11 chs. dist.
	Raise a mound of stone, 2 ft. base, 2 ft. high, 1 lk. W. of monument.
	Land: rolling hills. Soil: rock, tundra. No timber.
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.10 S., R.35 W., KATEEL RIVER MERIDIAN, ALASKA
	From the cor. of secs. 4, 5, 32, and 33, Tps. 9 and 10 S., R.35 W.
	S.0°07'E., bet. secs. 4 and 5.
	Over rolling mountains along a general W. slope.
80.00	Point for the cor. of secs. 4, 5, 8, and 9; not monumented.
	S.0°07'E., bet. secs. 8 and 9.
	Over rolling mountains.
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., 26 ins. in the ground, with brass cap mkd.
	T10S R35W
	S8   S9
	S17 S16
	1975
	from which
	B.L.M. electronic control station E.C. 7, Group 226, hereinbefore described, bears S.31°13'W., 237.26 chs. dist.
	Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.
	Land: mountainous. Soil: rock, silt, permafrost. No timber.
	East, bet. secs. 9 and 16.
	Over steep mountains.
80.00	Point for the cor. of secs. 9, 10, 15, and 16.

CH	AINS	

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap

**T10S R35W** 

S9	S10
S16	S15

1975

from which

U.S. Army Map Service triangulation station "Snake AMS 1949", a standard Corps of Engineers brass disk, set in a 1 1/4 in. pipe, 15 ins. above ground, on Monument Peak, bears S.53°55'E., 333.55 chs. dist.

Raise a mound of stone, 3 ft. base, 3 ft. high, 1 lk. W. of monument.

Land: mountainous.

Soil: rock, silt, permafrost.

No timber.

S.0°05'E., bet. secs. 15 and 16.

Over steep mountainous terrain.

80.00 Point for the cor. of secs. 15, 16, 21, and 22; not monumented.

S.0°05'E., bet. secs. 21 and 22.

Over steep mountainous terrain.

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., 26 ins. in the ground, with brass cap mkd.

T10S R35W

1975

from which

B.L.M. Electronic Control Station, E.C. 7, Group 226, hereinbefore described, bears S.78°06'W., 207.78 chs. dist.

Land: mountainous.
Soil: rock, silt and permafrost.

No timber.

East, bet. secs. 22 and 27.

Across Penny River Valley.

#### CHAINS

14.48 Intersect line 2-3, U.S.M.S. No. 1381.

Set a 9/16 in. diam. copper-coated steel rod, 36 ins. long, 32 ins. in the ground, with a 1/2 in. diam. brass cap mkd.

1975

from which

Cor. No. 3, U.S.M.S. No. 1381, a 4x4 in.
fir post, firmly set and marked, 3/1381 C,
bears N.2°24'E., 20.98 chs. dist.

Cor. No. 2, U.S.M.S. No. 1381, a 4x4 in. fir post, firmly set and marked, 2/1381 C, bears  $S.2^{\circ}24'W.$ , 24.66 chs. dist.

30.94 Intersect line 4-5, U.S.M.S. No. 1381.

Set a 9/16 in. diam. copper-coated steel rod, 36 ins. long, 32 ins. in the ground, with a 1/2 in. diam. brass cap mkd.

from which

Cor. No. 4, U.S.M.S. No. 1381, a 4x4 in. fir post, firmly set and marked, 4/1381 C, bears N.4°07'E., 16.12 chs. dist.

Cor. No. 5, U.S.M.S. No. 1381, a 4x4 in. fir post, firmly set and marked, 5/1381 C, bears S.4°07'W., 24.97 chs. dist.

80.00 Point for the cor. of secs. 22, 23, 26, and 27.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T10S R35W

1975

	CHAINS	from which
		B.L.M. electronic control station E.C. 7, Group 226, hereinbefore described, bears S.81°26'W., 286.54 chs. dist.
		Raise a mound of stone, 2 ft. base, 2 ft. high, 1 lk. W. of monument.
		Land: mountainous. Soil: rock, tundra. No timber.
		S.0°04'E., bet. secs. 26 and 27.
		Over rolling mountainous terrain.
	80.00	Point for the cor. of secs. 26, 27, 34, and 35.
	-	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		T10S R35W
		S27 S26
		S34 S35
		1975
		from which
		B.L.M. electronic control station E.C. 7, Group 226, hereinbefore described, bears N.82°30'W., 285.87 chs. dist.
		Land: mountainous. Soil: rock, tundra. No timber.
		East, bet. secs. 26 and 35.
		Over rolling hills.
80.00 Point for the cor. of secs. 25, 26, 35, and 36; not monumented.		
		East, bet. secs. 25 and 36.
		Over rolling hills.
	80.00	Point for the cor. of secs. 25, 30, 31, and 36.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		T10S
		S25 S30
		s36 S31
		R35W R34W 1975

SUBDIVISIONAL LINES
T.10 S., R.35 W., KATEEL RIVER MERIDIAN, ALASKA

CHAINS

Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.

Land: mountainous. Soil: rock, tundra.

No timber.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.10 S., R.34 W., KATEEL RIVER MERI-DIAN, ALASKA.

From the cor. of secs. 25, 30, 31, and 36, Tps. 10 S., Rs. 34 and 35 W.

East, bet. secs. 30 and 31.

Over rolling mountains.

76.72 Point for the cor. of secs. 29, 30, 31, and 32; not monumented.

East, bet. secs. 29 and 32.

Over rolling mountains.

80.00 Point for the cor. of secs. 28, 29, 32, and 33.

Set an iron post, 28 ins. long. 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T10S R34W

1975

from which

B.L.M. electronic control station E.C. 8, Group 226, a 9/16 in. copper-coated steel rod, 36 ins. long, driven 30 ins. in the ground, with a 1 1/2 in. diam. brass cap, situated atop a gravel pile, 95.6 ft. NE. of a fence corner (fence around an Agricultural Experiment Station), ±250 ft. east of Snake River Road, S. of Rock Creek, bears N.58°57'E., 183.22 chs. dist.

U.S. Army Corps of Engineers triangulation station "Anvil USE 1944", a standard Corps of Engineers brass disk set in the top of Anvil Rock, the highest and most prominent point on Anvil Mountain, bears S.63°13'E., 302.32 chs. dist.

Land: rolling mountains.

Soil: rock, tundra, permafrost.

No timber.

		T.10 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA
	CHAINS	
		N.0°07'W., bet. secs. 28 and 29.
		Over low rolling hills along the western edge of the Snake River Valley.
	80.00	Point for the cor. of secs. 20, 21, 28, and 29; not monumented.
		N.0°07'W., bet. secs. 20 and 21.
		Over low rolling hills.
	80.00	Point for the cor. of secs. 16, 17, 20, and 21.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		T10S -R34W
		S17 S16
		S20 S21
		1975
		from which
f		B.L.M. electronic control station E.C. 9, Group 226, a 9/16 in. copper-coated steel rod, 36 in. long, driven 28 ins. in the ground, with a 1 1/2 in. diam. brass cap, situated approx. 300 ft. N. of Prospect Creek, 200 ft. E. of Snake River Road, approx. 6 ft. east of a 3 ft. x 4 ft. x 12 ft. limestone boulder in place, bears N.48°34'E., 141.35 chs. dist.
	·	B.L.M. electronic control station E.C. 8, Group 226, hereinbefore described, bears S.67°24'E., 170.38 chs. dist.
		Land: rolling hills. Soil: rock, silt, tundra. No timber.
		N.0°07'W., bet. secs. 16 and 17.
		Over low rolling hills along a general E. slope up the western edge of the Snake River Valley.
	80.00	Point for the cor. of secs. 8, 9, 16, and 17; not monumented.
		N.0°07'W., bet. secs. 8 and 9.
		Over low rolling hills.
	80.00	Point for the cor. of secs. 4, 5, 8, and 9.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

mkd.

CHAINS	
-	T10S R34W
	S5 S4
	S8 S9
	1975
	from which
	B.L.M. electronic control station E.C. 9, Group 226, hereinbefore described, bears S.58°00'E., 125.36 chs. dist.
	Land: mountainous. Soil: rocky and tundra. No timber.
	N.0°07'W., bet. secs. 4 and 5.
	Over low rolling hills.
3.96	Intersect line 3-4, U.S.M.S. No. 1159.
	Set a 9/16 in. diam. copper-coated steel rod, 36 ins. long, 24 ins. in the ground, with a 1/2 in. diam. brass cap mkd.
	MS 1159 S5 S4 CC T10S R34W
	1975
	from which
	Cor. No. 3, U.S.M.S. No. 1159, a schist stone, 24x15x13 ins., firmly set and marked 3B-3-1159, bears S.30°36'E., 9.04 chs. dist.
	Cor. No. 4, U.S.M.S. No. 1159, identical with Cor. No. 3, No. 2 Below on Bolder Creek Placer, U.S.M.S. No. 1841, a schist stone, 27x10x6 ins., firmly set and marked 3B-4-1159, bears N.30°36'W., 9.13 chs. dist.
18.01	Intersect line 1-2, U.S.M.S. No. 1841.
	Set a 9/16 in. diam. copper-coated steel rod, 36 ins. long, 24 ins. in the ground, with 1 1/2 in. diam. brass cap mkd.

CHAINS

SUBDIVISIONAL LINES T.10 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA

T10S R34W CC S5 S4 MS 1841

from which

Cor. No. 2, No. 2 Below on Bolder Creek Placer, U.S.M.S. No. 1841, identical with Cor. No. 1, U.S.M.S. No. 1159, a slate stone 35x14x5 ins. firmly set and marked 3B-1-1159 and 2-2B-1841, bears S.47°42'E., 1.75 chs. dist.

Cor. No. 1, No. 2 Below on Bolder Creek Placer, U.S.M.S. No. 1841, identical with Cor. No. 1, No. 1 Placer, U.S.M.S. No. 1841, as determined from the original witness cor., bearing N.35°52'W., 5.41 chs. dist., a schist stone 26x12x8 ins., firmly set and marked W.C. 1-1B-1-2B-1841, bears N.47°42'W., 14.51 chs. dist.

80.00 Point for the cor. of secs. 4, 5, 32, and 33; not monumented.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.9 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA.

From the cor. of secs. 4, 5, 32, and 33, Tps. 9 and 10 S., R.34 W.

N.0°07'W., bet. secs. 32 and 33.

Over steep mountainous terrain.

80.00 Point for the cor. of secs. 28, 29, 32, and 33.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T9S R34W

1975

from which

B.L.M. electronic control station E.C. 10, Group 226, a 9/16 in. copper-coated steel rod, 36 ins. long, driven 32 ins. in the ground, with a 1 1/2 in. diam. brass cap, situated approx. 105 ft. east of Milepost

#### SUBDIVISIONAL LINES

### T.9 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA

CHAINS

11 on Snake River Road, on a sidehill sloping to road, bears S.43°05'E., 184.41 chs. dist.

Raise a mound of stone, 3 ft. base, 3 1/2 ft. high, 1 lk. west of monument.

Land: mountainous. Soil: rock, tundra. No timber.

N.0°07'W., bet. secs. 28 and 29.

Over steep mountainous terrain.

80.00 Point for the cor. of secs. 20, 21, 28, and 29; not monumented.

N.0°07'W., bet. secs. 20 and 21.

Over steep mountainous terrain.

80.00 Point for the cor. of secs. 16, 17, 20, and 21.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T9S R34W

1975

from which

B.L.M. electronic control station E.C. 10, Group 226, hereinbefore described, bears S.23°12'E., 320.62 chs. dist.

B.L.M. electronic control station E.C. 4, Group 226, a 9/16 in. copper-coated steel rod, 36 ins. long, driven 24 ins. in ground with a 1 1/2 in. diam. brass cap, in a mound of stone, 4 ft. base, to top; situated on a flat top mountain (approx. 250 ft. across), overlooking Bangor Creek to the South and Hazel Gulch to the East, bears N.23°06'W., 49.71 chs. dist.

Raise a mound of stone, 2 ft. base, 2 ft. high, 1 lk. W. of monument.

Land: mountainous. Soil: rock and tundra. No timber.

East, bet. secs. 16 and 21.

Over steep mountainous terrain.

80.00 Point for the cor. of secs. 15, 16, 21, and 22; not monumented.

SUBDIVISIONAL LINES
T.9 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA

C	H	111	27

East, bet. secs. 15 and 22.

Over steep mountainous terrain.

80.00 Point for the cor. of secs. 14, 15, 22, and 23.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

**T9S R34W** 

1975

#### from which

B.L.M. electronic control station E.C. 11, Group 226, a 9/16 in. diam. copper-coated steel rod, 36 ins. long, driven 25 ins. in the ground, with a 1 1/2 in. diam. brass cap, situated on top of a prominent rock ledge overlooking the Snake River, approx. 450 ft. west of Snake River Road and 0.9 of a mile northerly of the Seattle Creek crossing, bears N.73°09'E., 100.00 chs. dist.

Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.

Land: mountainous.

Soil: rock and tundra.

No timber.

East, bet. secs. 14 and 23.

Over a general E. slope across the Snake River.

80.00 Point for the cor. of secs. 13, 14, 23, and 24.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T9S R34W

1975

#### from which

B.L.M. electronic control station E.C. 11, Group 226, hereinbefore described, bears N.28°29'E., 32.96 chs. dist.

Land: mountainous.

Soil: rock and tundra.

No timber; willow brush in river bottom.

CHAINS	N.0°02'W., bet. secs. 13 and 14.	
	·	
	Over rolling low hills along the easterly edge of the Snake River Valley.	
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., 26 ins. in the ground, with brass cap mkd.	
	T9S R34W	
	S11   S12	
	s14 s13	
	1975	
	from which	
	B.L.M. electronic control station E.C. 11, Group 226, hereinbefore described, bears S.17°10'E., 53.41 chs. dist.	
	Land: low hills and river valley. Soil: rock, tundra and permafrost. No timber.	
	N.0°02'W., bet. secs. 11 and 12.	
	Across Snake River Valley, then over a steep mountainous general E. slope.	
80.00	Point for the cor. of secs. 1, 2, 11, and 12; not monumented.	
	N.0°02'W., bet. secs. 1 and 2.	
	Across Snake River Valley then over a steep mountainous general E. Slope.	
80.00	Intersect the Second Stan. Par. S.; point for the closing cor. of secs. 1 and 2.	: <b>!</b>
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.	
	T8S R33W	
	S32	
	S2 S1 T9S R34W CC	
	1975	
	Raise a mound of stone, 2 ft. base, 2 ft. high, 1 lk. S. of monument.	
1		ļ

## SUBDIVISIONAL LINES

### T.9 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA CHAINS from which B.L.M. electronic control station E.C. 3, Group 226, a 9/16 in. diam. copper-coated steel rod, 36 ins. long, driven 15 ins. in bedrock, with a 1 1/2 in. diam. brass cap, in a mound of stone, 2 1/2 ft. base, to top, situated on a high limestone knob overlooking Willow Creek to the South and Nome River to the Southeast, bears S.76°49'E., 177.16 chs. dist. From this point the stan. cor. of Tps. 8 S., Rs. 33 and 34 W., bears West, 119.93 chs. dist. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. SC T8S **R34W** R33W S31 S36 1975 from which B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears S.82°10'E., 295.21 chs. dist. U.S.L.M. No. 1838, a lime-schist block 2x4x1 ft., in place, marked USLM 1838 and a cross on top surface, bears S.7°57'W., 134.99 chs. dist. Raise a mound of stone, 2 ft. base, 2 ft. high, 1 lk. N. of monument. Land: mountainous. Soil: rock and tundra. No timber. SURVEY OF A PORTION OF THE SOUTH BOUNDARY (2d STAN. PAR. S.) T.8 S., R.33 W., KATEEL RIVER MERIDIAN, ALASKA. From the closing cor. of secs. 1 and 2, T.9 S., R.34 W. East, along the Second Stan. Par. Over rolling hills. 40.07 Point for Stan. cor. of secs. 32 and 33; not monumented. East, along the Second Stan. Par. S.

39.93 Point for the closing cor. of Tps. 9S., Rs. 33 and 34 W.

Over rolling hills.

### S. BDY., T.8 S., R.33 W., (2d STAN. PAR. S) KATEEL RIVER MERIDIAN, ALASKA

	KATEEL RIVER MERIDIAN, ALASKA
CHAINS	
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T8S R33W
~	S33
	S1 S6 R34W R33W T9S CC
	1975
	from which
	B.L.M. electronic control station E.C. 11, Group 226, hereinbefore described, bears S.16°56'W., 220.59 chs. dist.
	Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. S. of monument.
	Land: mountainous. Soil: rock and tundra. No timber.
	SURVEY OF THE EAST BOUNDARY OF T.9 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA.
	From the closing cor. of Tps. 9 S., Rs. 33 and 34 W.
	South, bet. secs. 1 and 6, Tps. 9 S., Rs. 33 and 34 W.
,	Over low rolling hills, along a general W. slope.
	Point for the cor. of secs. 1, 6, 7, and 12; not monumented.
	South, bet. secs. 7 and 12.
	Over low rolling hills along a general W. slope.
	Point for the cor. of secs. 7, 12, 13, and 18.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T9S R34W R33W
	S12 S7
	S13 S18

1975

### E. BDY., T.9 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA

CHAINS	from which
	B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears N.37°44'E., 151.14 chs. dist.
	Land: mountainous. Soil: rock & tundra. No timber.
	South, bet. secs. 13 and 18.
	Over steep mountainous terrain.
80.00	Point for the cor. of secs. 13, 18, 19, and 24; not monumented.
	South bet. secs. 19 and 24.
	Over steep mountainous terrain.
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., 26 ins. in the ground, with brass cap mkd.
	T9S
	R34W R33W S24 S19
	S25 S30
	1975
	from which
	B.L.M. electronic control station E.C. 11, Group 226, hereinbefore described, bears N.30°32'W., 126.52 chs. dist.
	Land: mountainous. Soil: rock, tundra, permafrost. No timber.
	South, bet. secs. 25 and 30.
	Over steep mountainous terrain.
80.00	Point for the cor. of secs. 25, 30, 31, and 36; not monumented.
	South, bet. secs. 31 and 36.
	Over steep mountainous terrain.
80.00	Point for the cor. of Tps. 9 and 10 S., Rs. 33 and 34 W.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

### E. BDY., T.9 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA

	KATEEL RIVER MERIDIAN, ALASKA
CHAINS	T9S R34W R33W S36   S31 S1   S6 T10S 1975
	B.L.M. electronic control station E.C. 10, Group 226, hereinbefore described, bears S.74°18'W., 201.86 chs. dist.  Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.  Land: mountainous. Soil: rock, tundra. No timber.
	SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.10 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA  From the cor. of Tps. 9 and 10 S., Rs. 33 and 34 W.  West, bet. secs. 1 and 36.
80.00	Over steep mountainous terrain.  Point for the cor. of secs. 1, 2, 35, and 36.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T9S R34W  S35   S36  S2   S1  T10S
	from which  B.L.M. electronic control station E.C. 10, Group 226, hereinbefore described, bears S.64°25'W., 126.72 chs. dist.  Cor. No. 2, P.D. Group on Snake River, M.S. No. 1852, a fir post, 4 ins. square, extending 1 ft. above ground, firmly set, and mkd., 1 PDGE 1852, bears N.60°27'W., 91.82 chs. dist.

Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, 1 lk. W. of monument.

# BDY

		N. BDY., T.10 S., R.34 W.,
7	GUANG	KATEEL RIVER MERIDIAN, ALASKA
	CHAINS	Land: mountainous. Soil: rock and tundra. No timber.
		SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.10 S., R.34 W., KATEEL RIVER MERIDIAN, ALASKA
		From the cor. of secs. 1, 2, 35, and 36, Tps. 9 and 10 S., R.34 W.
		S.0°02'E., bet. secs. 1 and 2.
		Over steep mountainous terrain.
	80.00	Point for the cor. of secs. 1, 2, 11, and 12.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		TlOS R34W
		s2   s1
		S11 S12
		1975
		from which
		B.L.M. electronic control station E.C. 10, Group 226, hereinbefore described, bears N.77°32'W., 117.11 chs. dist.
		Raise a mound of stone, 3 ft. base, 2 ft. high, 1 1/2 lks. W. of monument.
		Land: mountainous. Soil: rock and tundra. No timber.
		West, bet. secs. 2 and 11.
		Over steep mountainous terrain.
	80.00	Point for the cor. of secs. 2, 3, 10, and 11.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		TlOS R34W
- 5		

CHAINS	from which	
	B.L.M. electronic control station E.C. 10, Group 226, hereinbefore described, bears N.53°41'W., 42.64 chs. dist.	
	Land: mountainous. Soil: rock and tundra. No timber.	
	S.0°04'E., bet. secs. 10 and 11.	
	Over rolling hills.	
80.00	Point for the cor. of secs. 10, 11, 14, and 15.	
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.	
	T10S R34W	
	S10   S11	
	S15 S14	
	1975	
	from which	
	B.L.M. electronic control station E.C. 9, Group 226, hereinbefore described, bears N.75°54'W., 55.52 chs. dist.	
	Land: rolling hills. Soil: rock, tundra and permafrost. No timber.	
	East, bet. secs. 11 and 14.	
	Over steep terrain.	
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., 26 ins. in the ground, with brass cap mkd.	
	T10S R34W	
	S11   S12	
	S14 S13	
	1975	
	from which	
	Cor. No. 4, No. 6 Above Right Hand Branch Placer, U.S.M.S. No. 721, a 28x12x6 in. schist boulder, firmly set and marked 4/721 bears S.0°38'W., 43.49 chs. dist.	
	B.L.M. electronic control station E.C. 8, Group 226, hereinbefore described, bears S.29°38'W., 167.43 chs. dist.	

CHAINS

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, 1 lk. W. of monument.

Land: mountainous. Soil: rock, tundra.

No timber.

S.0°02'E., bet. secs. 13 and 14.

Over mountainous terrain.

80.00 Point for the cor. of secs. 13, 14, 23, and 24.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T10S R34W

1975

from which

B.L.M. electronic control station E.C. 8, Group 226, hereinbefore described, bears S.51°38'W., 105.61 chs. dist.

Land: mountainous.

Soil: rock, tundra, permafrost.

No timber.

East, bet. secs. 13 and 24.

Over mountainous terrain.

80.00 Point for the cor. of secs. 13, 18, 19, and 24.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

**T10S** 

1975

from which

B.L.M. electronic control station E.C. 12, Group 226, a 9/16 in. diam., copper-coated steel rod, 36 ins. long, driven 30 ins. in the ground, with a 1 1/2 in. diam. brass cap, situated on the North end of the top of King Mountain, N.5°E., 5 ft. from a mound of stone, 3 ft. base, 3 ft. high, bears S.43°30'E., 117.42 chs. dist.

#### CHAINS

U.S.L.M. No. 10 (for U.S.M.S. No. 432) a pyramid shaped rock, 6 in. top, 2 ft. base, 2 1/2 ft. high, firmly set and marked USLM 10 and a cross on top, bears S.14°51'E., 34.48 chs. dist.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, 1 lk. W. of monument.

Land: mountainous. Soil: rock and tundra. No timber.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.10 S., R.33 W., KATEEL RIVER MERI-DIAN, ALASKA

From the cor. of secs. 13, 18, 19, and 24, Tps. 10 S., Rs. 33 and 34 W.

East, bet. secs. 18 and 19.

Over mountainous terrain.

76.21 Point for the cor. of secs. 17, 18, 19, and 20.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T10S R33W

1975

from which

B.L.M. electronic control station E.C. 12, Group 226, hereinbefore described, bears S.3°04'E., 85.32 chs. dist.

Raise a mound of stone, 2 ft. base, 2 ft. high, 1 lk. W. of monument.

Land: mountainous.

Soil: rock and tundra.

No timber.

N.0°09'W., bet. secs. 17 and 18.

Over rolling hills.

80.00 Point for the cor. of secs. 7, 8, 17, and 18; not monumented.

N.0°09'W., bet. secs. 7 and 8.

Over rolling hills.

80.00 Point for the cor. of secs. 5, 6, 7, and 8.

CHAINS				
	Set an diam., mkd.	iron post, 26 ins. in	28 in	ns. long, 2 1/2 ins. ground, with brass cap
			<b>T10</b> S	R33W
			<b>\$</b> 6	S5
	1			

**S7** 

1975

from which

U.S.C.&G.S. triangulation station "Banner 1944", a 3 1/2 in. brass disk on a 2 in. iron pipe, projecting 6 ins. above ground, situated on a low slope above the junction of Banner Creek and Nome River, 60 ft. SE of a ditch, bears N.58°28'E., 67.79 chs. dist.

S8

Land: mountainous. Soil: rock and tundra. No timber.

N.0°09'W., bet. secs. 5 and 6.

Over rolling hills.

80.00 Point for the cor. of secs. 5, 6, 31, and 32, not monumented.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.9 S., R.33 W., KATEEL RIVER MERI-DIAN, ALASKA

From the cor. of secs. 5, 6, 31, and 32, Tps. 9 and 10 S., R.33 W.

N.0°09'W., bet. secs. 31 and 32.

Over rolling hills.

80.00 Point for the cor. of secs. 29, 30, 31, and 32.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T9S R33W

S30 S29

S31 S32

1975

No accessories available at this cor.

	Land: mountainous. Soil: rock and tundra. No timber.
	N.0°09'W., bet. secs. 29 and 30.
	Over rolling hills.
	Point for the cor. of secs. 19, 20, 29, and 30; not monumented.
	N.0°09'W., bet. secs. 19 and 20.
	Over rolling hills.
80.00	Point for the cor. of secs. 17, 18, 19, and 20.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T9S R33W
	S18 S17
	S19 S20
	1975
	from which
	B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears N.5°07'E., 200.31 chs. dist.
	Land: rolling. Soil: rock, tundra and permafrost. No timber.
	N.0°09'W., bet. secs. 17 and 18.
	Over rolling hills along the western edge of Nome River Valley.
80.00	Point for the cor. of secs. 7, 8, 17, and 18; not monumented.
	N.0°09'W., bet. secs. 7 and 8.
	Over rolling hills along the western edge of Nome River Valley.
80.00	Point for the cor. of secs. 5, 6, 7, and 8.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T9S R33W
	S6 S5
	S7 S8
	1975

Т		
	CHAINS	from which
		B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears N.24°51'E., 43.55 chs. dist.
		Raise a mound of stone, 2 ft. base, 2 ft. high, 1 lk. W. of monument.
		Land: mountainous. Soil: rock and tundra. No timber.
		East, bet. secs. 5 and 8.
		Over rolling hills.
ļ	80.00	Point for the cor. of secs. 4, 5, 8, and 9.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		T9S R33W
		S5   S4
		S8 S9
		1975
	•	
		No accessories available at this corner.
		Land: mountainous. Soil: rock and tundra. No timber.
		N.0°07'W., bet. secs. 4 and 5.
	-	Over a steep SE. slope.
	80.00	Intersect the Second Stan. Par. S.; point for the closing cor. of secs. 4 and 5.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		T8S R33W S35
		S5 S4
		T9S R33W CC
		1975
		from which
		B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears S.56°39'W., 73.63 chs. dist.
		Raise a mound of stone, 3 ft. base, 2 ft. high,

1 lk. N. of monument.

### T.9 S., R.33 W., KATEEL RIVER MERIDIAN, ALASKA CHAINS mountainous. Soil: rock and tundra. No timber. SURVEY OF A PORTION OF THE SOUTH BOUNDARY (2d STAN. PAR. S.) T.8 S., R.33 W., KATEEL RIVER MERIDIAN, ALASKA From the closing cor. of secs. 4 and 5, T.9 S., R.33 W. East, along the Second Stan Par. S. Over mountainous terrain. 31.43 Intersect line 4-1 of U.S.M.S. No. 1128. Set a 9/16 ins. diam. copper-coated steel rod, 36 ins. long, 24 ins. in the ground, with a 1 1/2 in. diam. brass cap mkd. T8S R33W/ S35 MS 1128 T9S 197.5 from which U.S.L.M. No. 1128, a limestone outcrop, 20x15 ft. on top, marked, USLM No. 1128 and a cross for the true point, bears N.47°08'E., 2.31 chs. dist. Cor. No. 1, U.S.M.S. No. 1128, a limestone, 27x15x5 ins., firmly set and marked, 4B-1-1128, bears N.18°36'E., 2.38 chs. dist. Cor. No. 4, U.S.M.S. No. 1128, a limestone 26x7x4 ins., firmly set and marked, 4B-4-1128, bears S.18°36'W., 16.13 chs. dist. Left bank of Manila Creek, 10 lks. wide, 1 lk. deep, course S.50°E., bears West, 15 lks. dist. 38.28 Intersect line 1-2 of U.S.M.S. No. 1128. Set a 9/16 in. diam. copper-coated steel rod, 36 ins. long, 8 ins. in the ground and in a mound of stone, 3 ft. base, to top, with a 1 1/2 in. diam. brass cap mkd. T8S R33W S35 MS S4 1128

. 1975

T9S

### S. BDY., T.8 S., R. 33 W., (2d STAN. PAR. S.) KATEEL RIVER MERIDIAN, ALASKA

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	CHAINS	from which
		Cor. No. 2, U.S.M.S. 1128, a limestone 26x18x6 ins., firmly set and marked, 4B-2-1128, bears S.69°33'E., 1.24 chs. dist.
		Cor. No. 1, U.S.M.S. 1128, hereinbefore described, bears N.69°33'W., 6.49 chs. dist.
	46.13	Point for stan. cor. of secs. 35 and 36; not monumented.
		East, along the Second Stan Par. S.
		Over mountainous terrain.
	80.00	Point for the stan. cor. of Tps. 8 S., Rs. 32 and 33 W.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		SC T8S
		R33W R32W S36 S31
	,	1975
		from which
		B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears S.77°52'W., 191.96 chs. dist.
	,	Land: mountainous. Soil: rock and tundra. No timber.
		SURVEY OF A PORTION OF THE SOUTH BOUNDARY (2d STAN. PAR. S.) T.8 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA
		From the stan. cor. of Tps. 8 S., Rs. 32 and 33 W.
		East, along the Second Stan. Par. S.
	80.00	Point for stan. cor. of secs. 31 and 32; not monumented.
		East, along the Second Stan. Par. S.
	33.87	Point for the closing cor. of secs. 1 and 2.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
- 1		

### S. BDY., T.8 S., R.32 W., (2d STAN. PAR. S.) KATEEL RIVER MERIDIAN, ALASKA

CHAINS	
	T8S R32W
	s32
	s2 s1
	CC
÷	T9S R33W
	1975
	from which
	B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears S.82°25'W., 304.24 chs. dist.
	From this point the stan. cor. of secs. 32 and 33, T.8 S., R.32 W., bears East, 46.13 chs. dist.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	SC T8S R32W
	s32 s33
	1975
	1973
	Land: mountainous. Soil: rock and tundra. No timber.
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.9 S., R.33 W., KATEEL RIVER MERIDIAN, ALASKA
	From the closing cor. of secs. 1 and 2, T.9 S., R.33 W.
	S.0°02'E., bet. secs. 1 and 2.
	Over rolling hills.
80.00	Point for the cor. of secs. 1, 2, 11, and 12.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T9S R33W
	S2 S1
	S11 S12
	1975
	Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.

CHAINS Land: mountainous. Soil: rock and tundra. No timber. West, bet. secs. 2 and 11. Over steep mountainous terrain. 80.00 Point for the cor. of secs. 2, 3, 10, and 11. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap **T9S R33W** S3 S10 S11 1975 from which B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears N.79°51'W., 225.16 chs. dist. Land: mountainous. Soil: rock and tundra. No timber. S.0°04'E., bet. secs. 10 and 11. Over steep mountainous terrain. 80.00 Point for the cor. of secs. 10, 11, 14, and 15. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. **T9S R33W** S10 S11 S14 S15 1975 from which B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears N.61°38'W., 251.96 chs. dist. Land: mountainous.

Soil: rock and tundra.

No timber.

West, bet. secs. 10 and 15.

Over steep mountainous terrain.

CHAINS	Doint for the gar of gags 0 10 15 and 16
	Point for the cor. of secs. 9, 10, 15, and 16.  Set an iron post, 28 ins. long, 2 1/2 ins.
	diam., 26 ins. in the ground, with brass cap mkd.
	T9S R33W
	S9   S10
	S16 S15
	1975
	from which
	B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears N.49°51'W., 185.48 chs. dist.
	Land: mountainous. Soil: rock and tundra. No timber.
	S.0°05'E., bet. secs. 15 and 16.
	Over steep mountainous terrain.
80.00	Point for the cor. of secs. 15, 16, 21, and 22.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T9S R33W
	S16   S15
	S21 S22
	1975
	from which
	B.L.M. electronic control station E.C. 3, Group 226, hereinbefore described, bears, N.35°25'W., 244.89 chs. dist.
	Land: mountainous. Soil: rock and tundra. No timber.
	S.0°05'E., bet. secs. 21 and 22.
	Over steep mountainous terrain.
80.00	Point for the cor. of secs. 21, 22, 27, and 28; not monumented.
	S.0°05'E., bet. secs. 27 and 28.
	Over steep mountainous terrain.
80.00	Point for the cor. of secs. 27, 28, 33, and 34.

SUBDIVISIONAL LINES
T.9 S., R.33 W., KATEEL RIVER MERIDIAN, ALASKA

CHAINS

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

**T9S R33W** 

 S28
 S27

 S33
 S34

1975

from which

U.S.C. & G.S. triangulation station "Banner 1944" hereinbefore described, bears S.39°18'W., 160.91 chs. dist.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, 1 lk. W. of monument.

Land: mountainous.

Soil: rock and tundra.

No timber.

East, bet. secs. 27 and 34.

Over steep mountainous terrain.

80.00 Point for the cor. of secs. 26, 27, 34, and 35.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

**T9S R33W** 

1975

Raise a mound of stone, 3 ft. base, 2 ft. high, 1 lk. W. of monument.

Land: mountainous.

Soil: rock and tundra.

No timber.

S.0°04'E., bet. secs. 34 and 35.

Over steep mountainous terrain.

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., 26 ins. in the ground, with brass cap mkd.

CHAINS	T9S R33W
· .	S34 S35
	S3 S2
	T10S
	1975
	Raise a mound of stone, 3 ft. base, 3 ft. high, 1 lk. W. of monument.
	Land: mountainous. Soil: rock and tundra. No timber.
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.10 S., R.33 W., KATEEL RIVER MERIDIAN, ALASKA
	From the cor. of secs. 2, 3, 34, and 35, Tps. 9 and 10 S., R.33 W.
	S.0°04'E., bet. secs. 2 and 3.
	Over rolling hills.
80.00	Point for the cor. of secs. 2, 3, 10, and 11; not monumented.
	S.0°04'E., bet. secs. 10 and 11.
	Over rolling hills.
80.00	Point for the cor. of secs. 10, 11, 14, and 15.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T10S R33W
	S10   S11
	S15 S14
	1975
	from which
	B.L.M. electronic control station E.C. 12, Group 226, hereinbefore described, bears S.54°59'W., 287.55 chs. dist.
	Land: mountainous. Soil: rock and tundra. No timber.
	S.0°04'E., bet. secs. 14 and 15.
	Over rolling hills.

<del></del>				
80.00	Point for the cor. of secs. 14, 15, 22, and 23; not monumented.			
	S.0°04'E., bet. secs. 22 and 23.			
	Over rolling hills.			
80.00	Point for the cor. of secs. 22, 23, 26, and 27.			
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			
	T10S R33W			
	S22   S23			
	S27 S26			
	1975			
	from which			
	B.L.M. electronic control station E.C. 12, Group 226, hereinbefore described, bears S.88°47'W., 235.71 chs. dist.			
	Land: mountainous. Soil: rock and tundra. No timber.			
	S.0°04'E., bet. secs. 26 and 27.			
	Over rolling hills.			
	Point for the cor. of secs. 26, 27, 34, and 35; not monumented.			
,	S.0°04'E., bet. secs. 34 and 35.			
:	Over rolling hills.			
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., 26 ins. in the ground, with brass cap mkd.			
	T10S R33W			
	S34 S35			
	S3 S2			
	T11S			
	1975			
	from which			
	U.S.C.&G.S. triangulation station "Army Peak 2 1944", a standard brass disk set in bedrock on an outcrop 8 ft. diam., 1 ft. above ground, atop Army Peak, bears S.30°37'E., 211.75 chs. dist.			

Land: rolling hills. Soil: rock and tundra. No timber.  SURVEY OF A PORTION OF THE SOUTH BOUNDARY OF T.10 S., R.33 W., KATEEL RIVER MERIDIAN, ALASKA  From the cor. of secs. 2, 3, 34, and 35, Tps. 10 and 11 S., R.33 W.  East, bet. secs. 2 and 35. Over rolling hills.  80.00 Point for the cor. of secs. 1, 2, 35, 36; not monumented.  East, bet. secs. 1 and 36. Over rolling hills.  80.00 Intersect the 8th G.M. West; point for the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36   S31 S1   S6 T11S 1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W. East, bet. secs. 6 and 31. Over low rolling hills.  76.97 Point for the cor. of secs. 5, 6, 31, and 32.			
SOUTH BOUNDARY OF T.10 S., R.33 W., KATEEL RIVER MERIDIAN, ALASKA  From the cor. of secs. 2, 3, 34, and 35, Tps. 10 and 11 S., R.33 W.  East, bet. secs. 2 and 35.  Over rolling hills.  80.00 Point for the cor. of secs. 1, 2, 35, 36; not monumented.  East, bet. secs. 1 and 36.  Over rolling hills.  80.00 Intersect the 8th G.M. West; point for the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36 S31 S1 S6  T11S 1975  from which U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16"01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.	CHAINS	Soil: rock and tundra.	
Tps. 10 and 11 S., R.33 W.  East, bet. secs. 2 and 35.  Over rolling hills.  80.00 Point for the cor. of secs. 1, 2, 35, 36; not monumented.  East, bet. secs. 1 and 36.  Over rolling hills.  80.00 Intersect the 8th G.M. West; point for the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36 S31 S1 S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills.  Soil: tundra.  No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATTEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		SOUTH BOUNDARY OF T.10 S., R.33 W., KATEEL RIVER	
Over rolling hills.  80.00 Point for the cor. of secs. 1, 2, 35, 36; not monumented.  East, bet. secs. 1 and 36.  Over rolling hills.  80.00 Intersect the 8th G.M. West; point for the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36   S31 S1   S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.			
Point for the cor. of secs. 1, 2, 35, 36; not monumented.  East, bet. secs. 1 and 36.  Over rolling hills.  80.00 Intersect the 8th G.M. West; point for the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36   S31 S1   S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		East, bet. secs. 2 and 35.	
East, bet. secs. 1 and 36.  Over rolling hills.  80.00 Intersect the 8th G.M. West; point for the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36   S31 S1   S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra.  No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		Over rolling hills.	
Over rolling hills.  80.00 Intersect the 8th G.M. West; point for the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36 S31 S1 S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.	80.00		
Intersect the 8th G.M. West; point for the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36   S31 S1   S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		East, bet. secs. 1 and 36.	
cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36 S31 S1 S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KAREL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		Over rolling hills.	
diam., 26 ins. in the ground, with brass cap mkd.  T10S  R33W R32W S36   S31 S1   S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.	80.00		
R33W R32W S36 S31 S1 S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		diam., 26 ins. in the ground, with brass cap	
S36   S31   S6  T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		T10S	
T11S  1975  from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.			
from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.	·	S1 S6	
from which  U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		T11S	
U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		1975	
Peak 2 1944", hereinbefore described, bears S.16°01'W., 189.62 chs. dist.  Land: rolling low hills. Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.	,	from which	
Soil: tundra. No timber.  SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.	·	Peak 2 1944", hereinbefore described,	
NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA.  From the cor. of Tps. 10 and 11 S., Rs. 32 and 33 W.  East, bet. secs. 6 and 31.  Over low rolling hills.		Soil: tundra.	
33 W. East, bet. secs. 6 and 31. Over low rolling hills.		NORTH BOUNDARY OF T.11 S., R.32 W., KATEEL RIVER	
Over low rolling hills.			
		East, bet. secs. 6 and 31.	
76.97 Point for the cor. of secs. 5, 6, 31, and 32.		Over low rolling hills.	
	76.97	Point for the cor. of secs. 5, 6, 31, and 32.	

### N. BDY., T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA

CHAINS

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T10S R32W

S31	S32
S6	<b>S</b> 5

T11S

1975

from which

U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.35°23'W., 223.48 chs. dist.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, 1 lk. W. of monument.

Land: rolling hills. Soil: rock and tundra. No timber.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.11 S., R.32 W., KATEEL RIVER MERI-DIAN, ALASKA

From the cor. of secs. 5, 6, 31, and 32, Tps. 10 and 11 S., R.32 W.

S.0°09'E., bet. secs. 5 and 6.

Over low rolling hills.

80.00 Point for the cor. of secs. 5, 6, 7, and 8.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T11S R32W

1975

from which

U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears S.51°45'W., 165.06 chs. dist.

Land: rolling hills. Soil: rock and tundra.

No timber.

S.0°09'E., bet. secs. 7 and 8.

Over low rolling hills.

SUBDIVISIONAL LINES
T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA

	TITLE OF MISS WAY KATHEN KEVEN MERIDIAN, ADADKA
	Point for the cor. of secs. 7, 8, 17, and 18; not monumented.
	S.0°09'E., bet. secs. 17 and 18.
	Over low rolling hills.
80.00	Point for the cor. of secs. 17, 18, 19, and 20.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	Tlls R32W
	S18   S17
	S19 S20
	1975
	from which
	U.S.C.&G.S. triangulation station "Army Peak 2 1944", hereinbefore described, bears N.66°02'W., 142.31 chs. dist.
	Land: rolling hills. Soil: rock and tundra. No timber.
	S.0°09'E., bet. secs. 19 and 20.
	Over low rolling hills.
	Point for the cor. of secs. 19, 20, 29, and 30; not monumented.
	S.0°09'E., bet. secs. 29 and 30.
	Over low rolling hills.
	Point for the cor. of secs. 29, 30, 31, and 32.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	Tlls R32W
1	S30   S29
	S31 S32
	1975
	from which
	U.S.C.&G.S. triagulation station "TIT 1900", a flat rock, with a l in. hole drilled in it, set in a prominent pile of rocks atop a low hill above Hastings Creek, bears S.63°54'E., 137.95 chs. dist.

CHAINS

Cor. No. 1, Lot 2, U.S. Survey No. 5270, surveyed concurrently, monumented with a regulation B.L.M. iron post, firmly set, with brass cap mkd.

C1 L2 S 5270

1975

bears S.87°06'W., 577.50 chs. dist.

Cor. No. 6, U.S.M.S. No. 440, a 4x4 in. fir post, firmly set, and marked, 6/440, bears S.87°06'W., 603.05 chs. dist.

Cor. No. 2, Lot 1, U.S. Survey No. 3791, a regulation B.L.M. iron post, firmly set, with brass cap mkd.

C2 S 3791 LOT 1

1963

bears S.85°15'W., 602.53 chs. dist.

Land: low rolling hills. Soil: rock and tundra.

No timber.

East, bet. secs. 29 and 32.

Over low rolling hills.

80.00 Point for the cor. of secs. 28, 29, 32, and 33; not monumented.

East, bet. secs. 28 and 33.

Over low rolling hills.

80.00 Point for the cor. of secs. 27, 28, 33, and 34.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Tlls R32W

1975

from which

U.S.C.&G.S. triangulation station "TIT 1900", hereinbefore described, bears S.30°47'W., 70.71 chs. dist.

SUBDIVISIONAL LINES
T.11 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA

	Land: low rolling hills. Soil: rock and tundra. No timber.			
	East, bet. secs. 27 and 34.			
:	Over low rolling hills.			
80.00	Point for the cor. of secs. 26, 27, 34, and 35.			
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			
	T11S R32W			
	S27   S26			
	S34 S35			
	1975			
	from which			
	U.S.C.&G.S. triangulation station "TIT 1900", hereinbefore described, bears S.62°25'W., 131.12 chs. dist.			
	Land: low rolling hills. Soil: rock and tundra. No timber.			
	N.0°04'W., bet. secs. 26 and 27.			
	Over low rolling hills.			
80.00	Point for the cor. of secs. 22, 23, 26, and 27; not monumented.			
	N.0°04'W., bet. secs. 22 and 23.			
	Over low rolling hills.			
80.00	Point for the cor. of secs. 14, 15, 22, and 23.			
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			
	T11S R32W			
	S15 S14			
	S22 S23			
	1975			
	from which			
	U.S.C.&G.S. triangulation station "TIT 1900", hereinbefore described, bears S.27°44'W., 249.36 chs. dist.			
1				

· •	TO THE WOOD WAY THE REPORT OF THE PROPERTY AND ADDRESS OF THE PROPERTY OF THE
CHAINS	Land: low rolling hills. Soil: rock and tundra. No timber.
	East, bet. secs. 14 and 23.
	Over low rolling hills.
80.00	Point for the cor. of secs. 13, 14, 23, and 24.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T11S R32W
	S14   S13
	S23 S24
	1975
	from which
	U.S.C.&G.S. triangulation station "TIT 1900", hereinbefore described, bears S.41°38'W., 295.23 chs. dist.
	Land: low rolling hills. Soil: rock and tundra. No timber.
	N.0°02'W., bet. secs. 13 and 14.
	Over rolling land.
80.00	Point for the cor. of secs. 11, 12, 13, and 14; not monumented.
	N.0°02'W., bet. secs. 11 and 12.
	Over rolling land.
80.00	Point for the cor. of secs. 1, 2, 11, and 12.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T11S R32W
	S2   S1
·	S11 S12
	1975
	from which
	B.L.M. electronic control station E.C. 2, Group 226, a 9/16 in. diam. copper-coated steel rod, 36 ins. long, driven 30 ins. in the ground with a 1 1/2 in. diam. brass cap; situated on a slight NW. slope approx. 1/4 mile S. of the Eldorado

		T. II S., R. 32 W., KATEEL RIVER MERIDIAN, ALASKA
	CHAINS	
		River and cabins along it at a point approx. 1/2 mile upstream from its confluence with Flambeau River, bears S.57°07'E., 273.90 chs. dist.
		Land: low river bottom. Soil: rock, tundra and muskeg. No timber.
		N.0°02'W., bet. secs. 1 and 2.
		Over rolling land and swamp.
	80.00	Point for the cor. of secs. 1, 2, 35, and 36.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
		T10S R32W
		s35 s36
		s2 s1
		T11S
		1975
		from which
		B.L.M. electronic control station E.C. 2, Group 226, hereinbefore described, bears S.45°10'E., 324.40 chs. dist.
		Land: low rolling. Soil: rock, tundra and muskeg. No timber.
		SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.10 S., R.32 W., KATEEL RIVER MERI-DIAN, ALASKA.
:		From the cor. of secs. 1, 2, 35, and 36, Tps. 10 and 11 S., R.32 W.
		N.0°02'W., bet. secs. 35 and 36.
	80.00	Point for the cor. of secs. 25, 26, 35, and 36.
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
•		T10S R32W
		S26 S25
		S35 S36
	· 	1975
	1	1

from which

	T.10 S., R.32 W., KATEEL RIVER MERIDIAN, ALASKA
CHAINS	
	B.L.M. electronic control station E.C. 2, Group 226, hereinbefore described, bears S.36°42'E., 385.03 chs. dist.
	Land: low and rolling. Soil: rock, tundra and muskeg. No timber.
	East, bet. secs. 25 and 36.
	Over low rolling land.
80.00	Point for the cor. of secs. 25, 30, 31, and 36.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T10s
	R32W R31W S25 S30
	S36 S31
	<b>'</b>
	1975
	from which
S .	B.L.M. electronic control station E.C. 2, Group 226, hereinbefore described, bears S.25°54'E., 343.29 chs. dist.
	The left bank of a small creek, 12 lks. wide, 3 lks. deep, course S.30°W., bears West, 12 lks. dist.
	Land: low and rolling. Soil: rock, tundra, muskeg. No timber.
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.10 S., R.31 W., KATEEL RIVER MERI- DIAN, ALASKA
	From the cor. of secs. 25, 30, 31, and 36, Tps. 10 S., Rs. 31 and 32 W.
	East, bet. secs. 30 and 31.
	Over low rolling land.
	Point for the cor. of secs. 29, 30, 31, and 32; not monumented.
	East, bet. secs. 29 and 32.
	Over low rolling land.
80.00	Point for the cor. of secs. 28, 29, 32, and 33.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

HAINS			
	T10S R31W		
	S29   S28		
	S32 S33		
	1975		
	from which		
	B.L.M. electronic control station E.C. 2, Group 226, hereinbefore described, bears S.1°19'W., 308.98 chs. dist.		
	Land: low river bottom. Soil: rock, tundra and muskeg. No timber.		
	S.0°07'E., bet. secs. 32 and 33.		
	Over rolling land.		
79.58	Point selected for the witness cor. to the cor. of secs. 4, 5, 32, and 33.		
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.		
	WC T10S R31W		
	s32 s33		
	S5 S4		
	T11S		
	1975		
	from which		
	B.L.M. electronic control station E.C. 2, Group 226, hereinbefore described, bears S.1°49'06"W., 229.64 chs. dist.		
	N. shore of a small lake, bears South, 12 lks. dist.		
80.00	True point for the cor. of secs. 4, 5, 32, and 33, falls in small lake; not monumented.		
	Land: low and rolling. Soil: rock, tundra and muskeg. No timber.		
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF T.11 S., R.31 W., KATEEL RIVER MERI-DIAN, ALASKA		
	From the true cor. point of secs. 4, 5, 32, and 33, Tps. 10 and 11 S., R.31 W.		

-					
	CHAINS	S.0°07'E., bet. secs. 4 and 5.			
		Over low rolling land.			
	80.00	Point for the cor. of secs. 4, 5, 8, and 9; not monumented.			
		S.0°07'E., bet. secs. 8 and 9.			
		Over low rolling land.			
	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., 24 ins. in the ground, with brass cap mkd.			
		T11S R31W			
		S8 S9			
		S17 S16			
		1975			
		from which			
		B.L.M. electronic control station E.C. 2, Group 226, hereinbefore described, bears S.6°19'W., 69.32 chs. dist.			
		Land: low and rolling. Soil: tundra and muskeg. No timber.			
		East, bet. secs. 9 and 16.			
		Over swamp and small lakes.			
	80.00	Point for the cor. of secs. 9, 10, 15, and 16, falls in large lake; not monumented.			
		S.0°05'E., bet. secs. 15 and 16.			
		Over swamp and lakes.			
	26.26	Point selected for a witness point on line between secs. 15 and 16.			
		Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.			
		WP			
		S16 S15			
		T11S R31W			
		1975			
		from which			

	T.11 S., R.31 W., KATEEL RIVER MERIDIAN, ALASKA
CHAINS	B.L.M. electronic control station, E.C. 2, Group 226, hereinbefore described, bears S.64°05'W., 97.51 chs. dist.
	The witness cor. to meander cor. No. 1, of U.S.Survey No. 4403B, identical with the witness cor. to meander cor. No. 4, of U.S. Survey No. 5057, monumented with a 2 1/2 in. iron post, firmly set, with brass cap marked
	WC MC C1 C4 S 5057 S 4403B
	bears S.68°18'W., 81.75 chs. dist.
	The S. shore of a large lake, bears North, 2.05 chs. dist.
80.00	Point for the cor. of secs. 15, 16, 21, and 22; not monumented.
	S.0°05'E., bet. secs. 21 and 22.
	Over swamp and lakes.
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., 20 ins. in the ground, with brass cap mkd.
	T11S R31W
	S21 S22
	S28 S27
	1975
	from which
	B.L.M. electronic control station E.C. 2, Group 226, hereinbefore described, bears N.43°58'W., 126.62 chs. dist.
	Land: low rolling. Soil: tundra and muskeg. No timber.
	S.0°05'E., bet. secs. 27 and 28.
	Over low rolling land and swamp.
80.00	Point for the cor. of secs. 27, 28, 33, and 34; not monumented.
	S.0°05'E., bet. secs. 33 and 34.

Over low rolling land and swamp.

#### CHAINS

80.00 Point for the cor. of secs. 3, 4, 33, and 34.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T11S R31W

**T12S** 

1975

#### from which

U.S.C.&G.S. triangulation station "CAPE 1944", a standard brass disk cemented in a drill hole on the highest point of a rock outcrop, 100 ft. x 15 ft., situated on a ridge extending East from the highest point on Cape Nome, bears S.58°11'W., 307.84 chs. dist.

Land: low and rolling. Soil: tundra and muskeg.

No timber.

SURVEY OF A PORTION OF THE SOUTH BOUNDARY OF T.11 S., R.31 W., KATEEL RIVER MERIDIAN, ALASKA

From the cor. of secs. 3, 4, 33, and 34, Tps. 11 and 12 S., R.31 W.

East, bet. secs. 3 and 34.

Over low rolling land.

31.80 Point selected for the witness cor. to the meander corner of secs. 3 and 34.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T11S

$$\begin{array}{c|c}
R31W & \hline
S34 \\
WC & S3
\end{array} MC$$

T12S

1975

#### from which

U.S.C.&G.S. triangulation station "CAPE 1944", hereinbefore described, bears S.61°02'W., 335.03 chs. dist.

### S. BDY. T.11 S., R.31 W., KATEEL RIVER MERIDIAN, ALASKA

32.10 Point for the meander cor. of secs. 3 and 34, on the northwesterly shore of Safety Sound; an unsafe place for a monument.

> SURVEY OF A PORTION OF THE EAST BOUNDARY OF T.12 S., R.31 W., KATEEL RIVER MERI-DIAN, ALASKA

Beginning at a point 105.75 chs. South of the theoretical point for the cor. of secs. 1, 6, 31, and 36, Tps. 11 and 12 S., Rs. 30 and 31 W., on the S. shoré of Safety Sound on N. side of Safety Spit.

South bet. secs. 7 and 12.

0.53 Point selected for a witness point on line bet. secs. 7 and 12.

Set a concrete filled iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

> WP **T12S** R31W R30W S7

> > 1975

S12

from which

CHAINS

B.L.M. electronic control sta. E.C. 1, Group 226, a 9/16 in. diam. copper-coated steel rod, 36 ins. long, driven 32 ins. in the ground, with a 1 1/2 in. diam. brass cap; situated on the high point of a sand dune, approx. 150 ft. NW. of the Council Road across W. Safety Spit. Point is S.20°W., 234.5 ft. from the NW. cor. of the ferry caretakers bldg. and N.23 1/2°E. from the NE. cor. of the old Safety Roadhouse; bears N.51°15'E., 27.70 chs. dist.

U.S.L.M. No. 5, a squared spruce log, 10 ins. in cross section, 6 ft. long, firmly set, marked U.S.L.M. No. 5, bears S.54°41'E., 95 lks. dist.

Remonument with a concrete filled iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

USLM

5 No

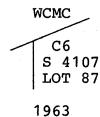
1975

Reset the original squared spruce post 20 ins. in ground, alongside the iron post.

#### E. BDY., T.12 S., R.31 W., KATEEL RIVER MERIDIAN, ALASKA

CHAINS

The witness cor. to meander cor. No. 6, Lot 87, U.S. Survey No. 4107, monumented with a 2 1/2 in. diam. iron post, with brass cap, firmly set, and marked,



bears S.72°17'W., 403.66 chs. dist.

Cor. No. 3, Lot 2, U.S. Survey No. 5008, monumented with a 2 1/2 in. diam. iron post, with brass cap, firmly set, and marked,

C3 S 5008 LOT 2

bears S.76°05'W., 505.47 chs. dist.

25.47 Point selected for a witness point on line bet. secs. 7 and 12, on the S. side of Safety Spit, 3.64 chs. North of the northerly shore of Norton Sound.

Set a concrete filled iron post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.

from which

B.L.M. electronic control station E.C. 1, Group 226, hereinbefore described, bears N.27°04'E., 47.48 chs. dist.

U.S.C.&G.S. triangulation station "CAPE 1944", hereinbefore described, bears S.86°31'W., 502.76 chs. dist.

Land: rolling sand spit.

Soil: sand, rock.

No timber.

#### GENERAL DESCRIPTION

The lands contained within the survey boundaries vary from sand and gravel beaches along Norton Sound to rolling tundra hills and high

GENERAL DESCRIPTION CHAINS rocky mountains inland. The eastern portion around Safety Sound is low rolling tundra and swampy areas with many lakes and rivers. The Sinuk, Cripple, Penny, Snake, Nome, Flambeau, and Eldorado Rivers flow generally South from their source to Norton Sound. Vegetation consists of tundra moss and low grasses with scattered patches of willow brush along drainages. Some very small cottonwood trees were noted in several places along the Snake and Nome River Valleys. Soil consist primarly of tundra with permafrost beneath. At higher elevations, there is only exposed rock and gravel. Topsoil exists only in a few scattered areas in an extremely thin layer. The survey was accomplished using pickup trucks and helicopters for transportation.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

NAMES	CAPACITY
Marshall R. Poe	Party Chief
Marvin G. Hadallar	Instrument Man
G. Corey Loyd	Instrument Man
Morris Kugzruk	Chainman
Brian Walsh	Chainman
	AN ACCOUNT.
	and the second s

#### CERTIFICATE OF SURVEY

for Dickinson-Oswald-Walch-Lee, Maurice P. Oswald and XX, We, Richard K. DeCamp Engineers, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 31 day of December , 1974 , and under Contract bearing date of the 15 day of April, No. 52500-CT5-1068,

1975, XI We have surveyed portions of the second standard parallel south (south boundary of Townships 8 South, in Ranges 32, 33, 35 and 36 West); portions of the Ninth Guide Meridian West in Townships 9 and 11 South, between Ranges 36 and 37 West; portions of the boundaries of Townships 9 and 10 South, Range 36 West, Townships 9 and 10 South, Range 34 West, Township 10 South, Range 33 West, Township 11 South, Range 32 West, Townships 11 and 12 South, Range 31 West and portions of the subdivisional lines in Townships 9 and 10 South, Range 36 West, Townships 9 and 10 South, Range 35 West, Townships 9 and 10 South, Range 34 West, Townships 9 and 10 South, Range 33 West, Townships 10 and 11 South, Range 32 West, and Townships 10 and 11 South, Range 31 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 specific manner described in the foregoing field notes.

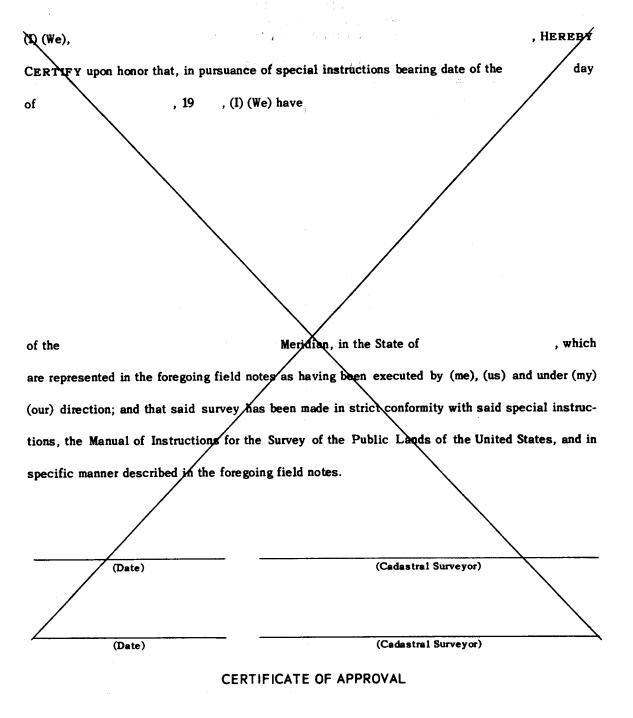
MARCH 18, 1976 (Date) Seal

CERTIFICATE OF INSPECTION

I, Clyde Duren, Jr., HEREBY CERTIFY upon honor, that the foregoing survey executed under Contract No. 52500-CT5-1068 , bearing date of the 15 day of April , 19 75, has been field inspected and found to be 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.

Snorch 19, 1974 Contracting Officer's
Authorized Representative)

#### **CERTIFICATE OF SURVEY**



BUREAU OF LAND MANAGEMENT Washington, D.C.

The foregoing field notes of the survey described in the certificate of survey

executed by Maurice P. Oswald and Richard K. DeCamp for Dickinson-Oswald-Walch-Lee, Engineers having been critically examined and found correct, are hereby approved.

(Date) (Chief, Division of Cadastral Survey)

#### CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing tra	nscript of the field notes of the above-described surveys in
	, is a true copy of the original field notes.
(Date)	(Chief, Division of Cadastral Survey) 670 849-626



DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

FOR

THE MONUMENTATION OF THE SURVEY DEPICTED ON THE PLAT OF TOWNSHIP 9 SOUTH, RANGE 37 WEST

> OF THE KATEEL RIVER MERIDIAN IN THE STATE OF ALASKA

#### EXECUTED BY

Loren H. Lounsbury, Registered Professional Land Surveyor for Hewitt V. Lounsbury and Associates under Contract No. YA-512-CT9-115, dated May 7, 1979

Under special instructions dated April 24, 1978, approved June 20, 1978, which provided for the surveys included under Group Number 343, and Notice to Proceed dated June 8, 1979.

Survey commenced: June 22, 1979

Survey completed: August 19, 1979

INDEX DIAGRAM

Township 9 South, Range 37 West, K.R.M., Alaska

	1		1		1	
6	<b>A</b> 5	4	В 3	2	C 1	3
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19	20	21	22	23	24	
30	29	28	27	26	25	E 2
31	32	33	34	35	36	D 2
<u></u>	¥ 4	3	<u> </u>	3	1	

#### Monumentation Depicted on the Plat of T. 9 S., R. 37 W., K.R.M., Alaska

#### **CHAINS**

The following field notes describe the monumentation of the survey depicted on the plat of Township 9 South, Range 37 West, Kateel River Meridian, Alaska.

Refer to the plat memorandum for pertinent information.

#### <u>A</u>

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8.3 ft. in the ground, with alum. cap mkd.

SC T 8 S R 37 W S 34 S 35

Set an alum. triangle marker, 2 ft. above the ground, 11 1/2 lks. N. 74° W. of cor.

Located on an open moderate W. slope.

В

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8.5 ft. in the ground, with alum. cap mkd.

SC T 8 S R 37 W R 36 W S 36 S 31

Set an alum. triangle marker, 2 ft. above the ground,  $16\ 1/2\ lks.\ N.\ 6^\circ$  E. of cor.

Located on open level tundra.

С

Recovered an iron post, 2 1/2 ins. diam., firmly set, extending 2 ins. above the ground, with brass cap mkd.

#### Monumentation Depicted on the Plat of T. 9 S., R. 37 W., K.R.M., Alaska

**CHAINS** SC T 8 S R 36 W S 32 | S 33 1975 D Drive an alum. rod, 6 ft. long, 3/4 in. diam., 5.5 ft. in the ground, with alum. cap mkd. R 37 W | R 36 W S 36 | S 31 S 1 S T 10 S 1979 Set an alum. triangle marker, 2.2 ft. above the ground, 11 1ks. N. 26° E. of cor. Located on a moderate NE slope in wet tundra over permafrost. Other Pertinent Data: A.M.S. Tri-Station "CAMP CREEK 1949", bears N. 48°07'43" W., 356.40 chs. dist. E Drive an alum. rod, 6 ft. long, 3/4 in. diam., 5 ft. in the ground, with alum. cap mkd. T 9 S R 37 W | R 36 W 1979 Set an alum. triangle marker, 2.2 ft. above the ground, 12 1/2 1ks. N. 61° E. of cor. Located on a gentle NW slope.

### Monumentation Depicted on the Plat of T. 9 S., R. 37 W., K.R.M., Alaska

CHAINS

F

Recovered an iron post, 2 1/2 ins. diam., firmly set, extending 2 ins. above the ground, with brass cap mkd.

T 9 S
R 37 W R 36 W
S 13 S 18
S 24 S 19

1975

The original mound of stone, 2 ft. base,  $1 \frac{1}{2}$  ft. high, 1 lk. West of cor.

Other Pertinent Data: From this point, the right bank of the Sinuk River, bears South, 0.45 chs. dist., course S. 45° W.

G

Drive an alum. rod, 6 ft. long, 3/4 in. diam., 5.6 ft. in the ground, with alum. cap mkd.

T 9 S R 37 W S 34 | S 35 S 3 | S 2 T 10 S

1979

Set an alum. triangle marker, 2 ft. above the ground, 14 lks. N. 39° E. of cor.

Located on a gentle NW slope.

H

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with alum. cap mkd.

#### Monumentation Depicted on the Plat of T. 9 S., R. 37 W., K.R.M., Alaska

**CHAINS** 

1979

Set an alum. triangle marker, 2.1 ft. above the ground, 17 1/2 lks. N. 79° E. of cor.

Located on flat tundra.

I

Drive an alum. rod, 12 ft. long, 3/4 in. diam., 11.8 ft. in the ground, with alum. cap mkd.

1979

Set an alum. triangle marker, 2 ft. above the ground, 15 lks. West of cor.

Located on a gentle S. slope.

5

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

C.A. Herschbach

Renneth Ludy

Party Chief

Jerry Heckel

David Germann

Survey Aid

Thomas Herschbach

Survey Aid

#### CERTIFICATE OF INSPECTION

I. Jerry L. Pinkerton, HEREBY CERTIFY upon honor, that the foregoing survey executed under Contract No. YA-512-CT9-115 bearing date of the 8th day of June 1979, 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.

(Date) (Contracting Officer's Authorized Representative)

6

#### CERTIFICATE OF SURVEY

I, Loren H. Lounsbury, Registered Professional Land Surveyor for Hewitt V. Lounsbury and Associates, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 24th day of April, 1978 and under Contract No. YA-512-CT9-115 bearing date of the 7th day of May, 1979, I have surveyed the Second Standard Parallel South along a portion of the south boundary of Township 8 South, through Range 36 West, and a portion of the south boundary of Township 8 South, through Range 37 West, the Ninth Guide Meridian West, through a portion of Township 9 South, between Ranges 36 and 37 West, and the south boundary of Township 9 South, Range 37 West, of the Kateel River Meridian, in the State of Alaska, which are represented on the survey plat and in the foregoing field notes of the survey monumentation 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 on the survey plat and in the foregoing field notes of the survey monumentation.

4/19/89 (Date)

> Loren H. Lounsbury 872-S

Seal

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

The foregoing field notes of the survey described in the Certificate of Survey above executed by Loren H. Lounsbury, Registered Professional Land Surveyor, having been critically examined and found correct, are hereby approved.

3 MAY 1989 (Date)

(Deputy State Director for Cadastral Survey, Alaska)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

THE WEST BOUNDARY

AND

A PORTION OF THE NORTH BOUNDARY

AND

THE SURVEY OF

A PORTION OF THE NORTH BOUNDARY

AND

THE DEPENDENT RESURVEY OF

CERTAIN BOUNDARIES OF CERTAIN MINERAL SURVEYS

WITHIN

TOWNSHIP 10 SOUTH, RANGE 35 WEST

OF THE KATEEL RIVER MERIDIAN IN THE STATE OF ALASKA

EXECUTED BY

Michael T. Birtles, Cadastral Surveyor

Under supplemental special instructions No. 2, dated April 1, 1985, approved May 10, 1985, which provided for the surveys included under Group Number 226, and assignment instructions dated May 16, 1985.

Survey commenced: May 27, 1986

Survey completed: October 2, 1986

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### TOWNSHIP 10 SOUTH, RANGE 35 WEST KATEEL RIVER MERIDIAN, ALASKA

CHAIN

The following field notes describe the dependent resurvey of the west boundary and a portion of the north boundary, the survey of a portion of the north boundary, and the dependent resurvey of certain boundaries of certain mineral surveys within Township 10 South, Range 35 West, Kateel River Meridian, Alaska.

The following Mineral Surveys were surveyed by the following U.S. Deputy Mineral Surveyors, U.S. Mineral Surveyors or Mineral Surveyors on the respective dates:

Mineral Survey No. 427, Arthur G. Blake, 1909
Mineral Survey No. 482, Daniel A. Jones, 1911
Mineral Survey No. 1188, Irving McK. Reed, 1915
Mineral Survey No. 1291, Irving McK. Reed, 1920
Mineral Survey No. 1292, Irving McK. Reed, 1920
Mineral Survey No. 1308, Arthur G. Blake, 1921
Mineral Survey No. 1313, Arthur G. Blake, 1921
Mineral Survey No. 1320, Arthur G. Blake, 1921
Mineral Survey No. 1332, Arthur G. Blake, 1922
Mineral Survey No. 1381, Daniel A. Jones, 1923
Mineral Survey No. 1832, Arthur G. Blake, 1925
Mineral Survey No. 1866, Arthur G. Blake, 1928
Mineral Survey No. 1883, Arthur G. Blake, 1935

A portion of the subdivisional lines were surveyed by Maurice P. Oswald and Richard K. DeCamp for the firm Dickinson, Oswald, Walch, and Lee Engineers, in 1975.

A plat of Township 10 South, Range 35 West, Kateel River Meridian, Alaska, as prepared under Special Instructions dated December 31, 1974, for Group No. 226, Alaska, was approved February 18, 1981, and suspended on March 11, 1982. The suspension will be revoked upon approval of this survey.

A portion of the east boundary of Township 10 South, Range 35 West, Kateel River Meridian, Alaska, was surveyed by Michael T. Birtles, Cadastral Surveyor, in 1986.

A portion of the east boundary of Township 10 South, Range 35 West, Kateel River Meridian, Alaska, was dependently resurveyed by Michael T. Birtles, Cadastral Surveyor, in 1986.

A portion of Mineral Survey No. 1883, was dependently resurveyed in the survey of Township 10 South, Range 34 West, by Michael T. Birtles, Cadastral Surveyor, in 1986.

The south boundary of Township 10 South, Range 35 West, Kateel River Meridian, Alaska, was dependently resurveyed by Michael D. Wilson, Cadastral Surveyor, in 1986.

Mineral Survey No. 482 and portions of Mineral Survey Nos. 1188, 1291, 1292, 1320, 1832 and 1883 were dependently resurveyed in the survey of Townships 11 South, Ranges 34 and 35 West, by Michael D. Wilson, Cadastral Surveyor in 1986.

#### TOWNSHIP 10 SOUTH, RANGE 35 WEST KATEEL RIVER MERIDIAN, ALASKA

CHAINS

This survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, <u>1973</u>, and supplemental special instructions No. 2 dated April 1, 1985, for Group No. 226, Alaska.

Preliminary to the resurvey, the lines of the original survey were retraced and a search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of lines refer to the true meridian as determined by direct observations of the sun, projected by fore and backsights.

The geographic position of the corner of Townships 10 and 11 South, Ranges 34 and 35 West, as determined by a tie to U.S. Coast and Geodetic Survey triangulation station "ANVIL USE", is:

Latitude 64°34'18.57" N., Longitude 165°33'53.94" W.
NAD 27

The mean magnetic declination was obtained from U.S. Geological Survey quadrangle map, "NOME (C-2)", Alaska, 1950 edition, with minor revisions in 1973, and indicates a mean value of  $16\ 1/2^\circ$  East.

The term COPPERWELD as used in these field notes is a brand-name for a copper coated steel rod with a brass cap which may be authorized for use in monumentation of corners in certain areas where the use of a regulation iron post is not practical.

Dependent Resurvey of the W. Bdy. of T. 10 S., R. 35 W., Kateel River Meridian, Alaska

Beginning at the cor. of Tps. 10 and 11 S., Rs. 35 and 36 W., monumented with an alum. post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with alum. cap mkd. T10S T11S R35W R36W S1 S6 S31 S36 1986.

The original steel fence post, firmly set, projecting 36 ins. above the ground, bears N, 1 lk. dist.

North, bet. secs. 31 and 36.

Ascend moderately steep, open, rolling tundra slope.

48.75

End ascent; continue across open, rolling tundra, among scattered rock outcrops.

CHAINS	
80.00	Point for the cor. of secs. 25, 30, 31 and 36; not monumented.
	Land, open, rolling tundra.
	Soil, decomposed schist rock.
	Vegetation, tundra vegetation and scattered grasses.
	North, bet. secs. 25 and 30.
	Across open, rolling tundra, among scattered rock outcrops.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an alum post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, encircled by a mound of stone, 4 ft. base, to the top of the alum. cap mkd.
	T 10 S
	R 36 W R 35 W
	<u>S 24   S 19</u> S 25   S 30
	3 23   3 30
	1986
	from which
:	A schist stone, 28 x 60 ins., projecting 3 ins. above the ground, bears N. 41° E., 9 lks. dist., mkd. B X O.
	A schist stone, 30 x 48 ins., projecting 8 ins. above the ground, bears S. 15° W., 35 lks. dist., mkd. B X O.
	Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	Drive a steel fence post, 72 ins. long, 29 ins. in the ground, S, 1 lk. dist.
	Land, open, rolling tundra. Soil, decomposed schist rock. Vegetation, tundra vegetation with scattered grasses.
	North, bet. secs. 19 and 24.
	Across open, rolling tundra.
80.00	Point for the cor. of secs. 13, 18, 19 and 24; not monumented.

CHAINS Land, open, rolling tundra.
Soil, decomposed schist rock.

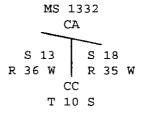
Vegetation, tundra vegetation with scattered grasses.

North, bet. secs. 13 and 18.

Descend open, rolling tundra, through scattered willow thickets.

Intersect line 8-1, C Association Placer, M.S. No. 1332; point for the closing cor. of secs. 13 and 18.

Set an alum post, 30 ins. long,  $2\ 1/2$  ins. diam., 26 ins. in the ground, encircled by a mound of stone, 3 ft. base, to the top of the alum. cap mkd.



1986

Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

Drive a steel fence post, 72 ins. long, 38 ins. in the ground, S, 1 lk. dist.

From this point, cor. No. 8, C Association Placer, M.S. No. 1332, bears S. 68°55′ E., 9.826 chs. dist., hereinafter described.

From this same point, cor. No. 1, C Association Placer, M.S. No. 1332, bears N.  $68^{\circ}55'$  W., 13.769 chs. dist., hereinafter described.

Thence across the mineral survey.

71.03 Intersect line 5-6, C Association Placer, M.S. No. 1332; point for the closing cor. of secs. 13 and 18.

Set an alum post, 30 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, encircled by a mound of stone, 3 ft. base, to the top of the alum. cap mkd.

CHAINS	
Опапо	T 10 S
	R 36 W   R 35 W
	S 13 S 18
	CA
	MS 1332
	1986
	Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	Drive a steel fence post, 72 ins. long, 34 ins. in the ground, N, 1 lk. dist.
:	From this point, cor. No. 5, C Association Placer, M.S. No. 1332, bears N. 61°19' W., 2.489 chs. dist., hereinafter described.
	From this same point, cor. No. 6, C Association Placer, identical with cor. No. 1, G Association Placer, M.S. No. 1332, bears S. 61°19' E., 38.678 chs. dist., hereinafter described.
73.14	Intersect line 4-5, C Association Placer, M.S. No. 1332; point for the closing cor. of secs. 13 and 18.
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, encircled by a mound of stone, 3 ft. base, to the top of the alum. cap mkd.
	MS 1332
	CA
	S 13   S 18
	R 36 W R 35 W
	CC T 10 S
	1986
	Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	Drive a steel fence post, 72 ins. long, 36 ins. in the ground, S, 1 lk. dist.
:	From this point, cor. No. 4, C Association Placer, on line 1-2, E Association Placer, M.S. No. 1332, bears N. 67°07' E., 4.300 chs. dist., hereinafter described.
	From the same point, cor. No. 5, C Association Placer, M.S. No. 1332, bears S. 67°07' W., 2.370 chs. dist., hereinafter described.

CHAINS Thence across the mineral survey. 79.05 Intersect line 2-3, C Association Placer, M.S. No. 1332; point for the closing cor. of secs. 13 and 18. Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, encircled by a mound of stone, 2 ft. base, to the top of the alum. cap mkd. T 10 S CC R 36 W | R 35 W S 13 | S 18 MS 1332 1986 Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial. Drive a steel fence post, 72 ins. long, 42 ins. in the ground, N, 3 lks. dist. From this point, cor. No. 2, C Association Placer, M.S. No. 1332, bears S. 77°11' W., 13.600 chs. dist., hereinafter described. From the same point, cor. No. 3, C Association Placer, identical with cor. No. 2, E Association Placer, M.S. No. 1332, bears N. 77°11' E., 2.468 chs. dist., hereinafter described. 80.00 Point for the cor. of secs. 7, 12, 13 and 18. Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, encircled by a mound of stone, 3 ft. base, to the top of the alum. cap mkd. T 10 S R 36 W, R 35 W S 12 S 7 S 13 | S 18 1986 Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial. Drive a steel fence post, 72 ins. long, 25 ins. in the ground, E, 1 lk. dist.

		<u> </u>
	CHAINS	Land, open, rolling tundra.
		Soil, decomposed tundra vegetation and alluvial gravels. Vegetation, tundra vegetation and scattered grasses.
İ		North, bet. secs. 7 and 12.
l		
		Ascend moderate, open, rolling tundra.
	62.40	End ascent, continue across open, rolling tundra.
	80.00	Point for the cor. of secs. 1, 6, 7 and 12; not monumented.
l		Land, open, rolling tundra.
l		Soil, decomposed schist rock.  Vegetation, tundra vegetation with scattered willow brush.
		- Careful Vegetation with stattered willow brush.
		North, bet. secs. 1 and 6.
l		Across open, rolling tundra.
l		
l	80.00	Point for the cor. of Tps. 9 and 10 S., Rs. 35 and 36 W.
l		Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in
		the ground, encircled by a mound of stone, 2 ft. base, to the top of the alum. cap mkd.
l		cop of the aram. cap lines.
l		T 9 S R 36 W R 35 W
l		S 36 S 31
ĺ		S 1   S 6 T 10 S
l		1 10 5
l		1986
		Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
l		Drive a steel fence post, 72 ins. long, 30 ins. in the ground,
I		N, 1 lk. dist.
l		
		A Portion of the N. Bdy. of T. 10 S., R. 35 W.
l		Kateel River Meridian, Alaska
l		
l		From the cor. of Tps. 9 and 10 S., Rs. 34 and 35 W., monumented
l		with an alum. post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, encircled by a mound of stone, 3 ft.
l		base, 12 ins. high, with alum. cap mkd. T9S T10S R34W R35W S1 S6 S31 S36 1986.
		031 030 1900.
1		1

### A Portion of the N. Bdy. of T. 10 S., R. 35 W. Kateel River Meridian, Alaska

	kateel River Meridian, Alaska
CHAINS	from which the original bearing objects
	A schist stone, 30 x 36 ins., projecting 4 ins. above the ground, bears North, 26 lks. dist., mkd. B X O.
	A schist stone, 26 x 31 ins., projecting 4 ins. above the ground, bears S. 11° E., 8 lks. dist., mkd. B X O.
	The original steel fence post bears N, 1 lk. dist., projecting 35 ins. above the ground.
	West, bet. secs. 1 and 36.
	Across rolling, mountainous tundra.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground to bedrock, encircled by a mound of stone, 4 ft. base, to the top of the alum. cap mkd.
	T 9 S R 35 W S 35 S 36 S 2 S 1 T 10 S
	1986
	from which
:	A schist stone, 6 x 24 ins., firmly set, projecting 12 ins., bears N. 77° E., 58 lks. dist., mkd. B X O.
	A schist stone, 18 x 30 ins., firmly set, projecting 4 ins., bears N. 53° W., 46 lks. dist., mkd. B X O.
	Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	Drive a steel fence post, 72 ins. long, 33 ins. in the ground, S, 1 lk. dist.
	Land, rolling, mountainous tundra. Soil, decomposed schist rock. Vegetation, tundra vegetation.
	West, bet. secs. 2 and 35.

Descend steep, mountainous tundra slope.

### A Portion of the N. Bdy. of T. 10 S., R. 35 W. Kateel River Meridian, Alaska

CHAINS 48.95	Penny River, 30 lks. wide, course SW; ascend steep, mountainous tundra slope.
80.00	Point for the cor. of secs. 2, 3, 34 and 35; not monumented.
	Land, rolling mountainous tundra. Soil, decomposed schist rock. Vegetation, tundra vegetation.
	West, bet. secs. 3 and 34.
	Ascend steep, mountainous tundra slope.
05.15	
26.45	Top of ridge bears NE and SW; descend moderate, open, rolling tundra, among scattered willow brush.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.
	T 9 S R 35 W S 33 S 34 S 4 S 3 T 10 S
	1986
	Raise a mound of earth and sod, 4 ft. base, 2 ft. high, N of cor.
	Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	memoriai.
	Drive a steel fence post, 72 ins. long, 26 ins. in the ground, S, 1 lk. dist.
	Drive a steel fence post, 72 ins. long, 26 ins. in the ground,
	Drive a steel fence post, 72 ins. long, 26 ins. in the ground, S, 1 lk. dist.
	Drive a steel fence post, 72 ins. long, 26 ins. in the ground, S, 1 lk. dist.  Dig pits, 12 x 18 x 12 ins., E and W of alum. post, 3 ft. dist.  Land, open, rolling tundra.  Soil, decomposed tundra and loam.  Vegetation, tundra vegetation and thick willow brush.
	Drive a steel fence post, 72 ins. long, 26 ins. in the ground, S, 1 lk. dist.  Dig pits, 12 x 18 x 12 ins., E and W of alum. post, 3 ft. dist.  Land, open, rolling tundra.  Soil, decomposed tundra and loam.  Vegetation, tundra vegetation and thick willow brush.  West, bet. secs. 4 and 33.
	Drive a steel fence post, 72 ins. long, 26 ins. in the ground, S, 1 lk. dist.  Dig pits, 12 x 18 x 12 ins., E and W of alum. post, 3 ft. dist.  Land, open, rolling tundra.  Soil, decomposed tundra and loam.  Vegetation, tundra vegetation and thick willow brush.  West, bet. secs. 4 and 33.  Across open, rolling tundra.
80.00	Drive a steel fence post, 72 ins. long, 26 ins. in the ground, S, 1 lk. dist.  Dig pits, 12 x 18 x 12 ins., E and W of alum. post, 3 ft. dist.  Land, open, rolling tundra.  Soil, decomposed tundra and loam.  Vegetation, tundra vegetation and thick willow brush.  West, bet. secs. 4 and 33.

### A Portion of the N. Bdy. of T. 10 S., R. 35 W. Kateel River Meridian, Alaska

CHAINS	The original mound of stone, 3 ft. base, 2 ft. high, bears W, 4 lks. dist.
:	Dependent Resurvey of A Portion of the N. Bdy. of T. 10 S., R. 35 W., Kateel River Meridian, Alaska
	From the point for the cor. of secs. 4, 5 32 and 33; hereinbefore described.
	West, bet. secs. 5 and 32.
	Across open, rolling tundra.
70.20	Nome-Teller Road, gravel, 45 lks. wide, bears S. 12° E. and N. 12° W.
80.00	Point for the cor. of secs. 5, 6, 31 and 32; not monumented.
	Land, open, rolling tundra.
	Soil, decomposed schist rock.  Vegetation, tundra vegetation and scattered grasses.
	West, bet. secs. 6 and 31.
	Across open, rolling tundra.
75.46	The cor. of Tps. 9 and 10 S., Rs. 35 and 36 W., hereinbefore described.
	Dependent Resurvey of Certain Bdys. of Certain Mineral Surveys Within T. 10 S., R. 35 W., Kateel River Meridian, Alaska
	Dependent Resurvey of A Portion of Mineral Survey No. 1291
	(Restoring the 1920 survey by Irving McK. Reed)
	From cor. No. 2, No. 1 Above Discovery Placer on Sunset Creek, M.S. No. 1291, identical with cor. No. 5, Discovery and Cold Air Bench Group Placer, M.S. No. 482, monumented in the 1986 survey of T. 11 S., R. 35 W., with an alum. post, 2 1/2 ins. diam., firmly set, flush to the ground, with alum. cap mkd. T10S R35W MS 1291 N1ADPOSC C2 MS 482 DACABG C5 1986.
	The original steel fence post, firmly set, projecting 36 ins. above the ground, bears N, 1 lk. dist.

N. 31°24' W., on line 2-3, No. 1 Above Discovery Placer on Sunset Creek, M.S. No. 1291.

Across open, rolling tundra.

18.462 Cor. No. 3, No. 1 Above Discovery Placer on Sunset Creek, M.S. No. 1291, monumented with a wood post, 4 ins. sq., firmly set in the center of a mound of stone, 2 ft. base, 1 ft. high,

projecting 42 ins., mkd. 3-1291-1Ab.

At the corner point

Set an alum. post, 30 ins. long,  $2\ 1/2$  ins. diam., 26 ins. in the ground, encircled by a mound of stone, 3 ft. base, to the top of the alum. cap mkd.

T 10 S N1ADPOSC R 35 W C3 MS 1291

1986

Reset the original wood post monument inverted and alongside the alum. post and deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

Drive a steel fence post, 72 ins. long, 30 ins. in the ground, NE, 1 1/2 lks. dist.

N. 57°28' E., on line 3-4, No. 1 Above Discovery Placer on Sunset Creek, M.S. No. 1291.

Across open, rolling tundra.

10.770

Cor. No. 4, No. 1 Above Discovery Placer on Sunset Creek, M.S. No. 1291, monumented with a limestone, 6 x 12 ins., firmly set, projecting 9 ins. above the ground, mkd. 4-1291-1 Ab, with X on top.

An iron rebar, 1/2 in. diam., firmly set, in the center of and projecting 3 ins. above a mound of earth, 3 ft. base, 2 ft. high, bears N. 60° E., 4 lks. dist.

At the corner point

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, encircled by a mound of stone, 2 1/2 ft. base, to the top of the alum. cap mkd.

CHAINS T 10 S R 35 W N1ADPOSC MS 1291 1986 Reset the original stone monument inverted and alongside the alum. post and deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial. Drive a steel fence post, 72 ins. long, 33 ins. in the ground, SW, 1 lk. dist. S. 25°48' E., on line 4-1, No. 1 Above Discovery Placer on Sunset Creek, M.S. No. 1291. Across open, rolling tundra. 18.185 Cor. No. 1, No. 1 Above Discovery Placer on Sunset Creek, M.S. No. 1291, identical with cor. No. 6, Discovery and Cold Air Bench Group Placer, M.S. No. 482, monumented in the 1986 survey of T. 11 S., R. 35 W., with an alum. post, 2 1/2 ins. diam., firmly set, flush to the top of a mound of earth, 3 ft. base, 1 ft. high, with alum. cap mkd. T10S R35W MS1291 N1ADPOSC C1 MS482 DACABG C6 1986. The original wood post, 4 ins. sq., is firmly set alongside the alum. post, projecting 20 ins., mkd. 6 482 DCA and 1 1291 1Ab. Dependent Resurvey of A Portion of Mineral Survey No. 1883 (Restoring the 1935 survey by Arthur G. Blake) From cor. No. 5, Memory Association Placer, M.S. No. 1883, identical with cor. No. 3, No. One Below on Sunset Creek Placer, M.S. No. 1832, cor. No. 1, Discovery and Cold Air Bench Group Placer, M.S. No. 482, with cor. No. 5, No. 1 Below Discovery on Sunset Creek Placer, M.S. No. 1188, monumented in the 1986 survey of T. 11 S., R. 35 W., with a steel spike, 3/8 in. diam., firmly set 4 ins. below the gravel surface of the Nome Teller Road, from which the original 1986 reference monuments

CHAINS

An alum. post, 2 1/2 ins. diam., firmly set, flush to the ground, with alum. cap mkd. RM 139 LKS T10S R35W C1 DACABG MS 482 C5 MAPMC MS 1883 C3 NOBOSCP MS 1832 C5 N1BDOSC MS1188 1986, and arrow pointing to the cor.; the original steel fence post, firmly set, projecting 36 ins. above the ground, bears N, 1 lk. dist. from the reference monument; a 6 x 6 in. concrete post, firmly set, projecting 16 ins. above the ground, firmly set along E side of alum. post.

An alum. post, 2 1/2 ins. diam., firmly set, flush to the ground, with alum. cap mkd. RM 189 LKS T10S R35W C1 DACABG MS482 C5 MAPMC MS 1883 C3 NOBOSCP MS1832 C5 N1BDOSC MS1188 1986, and arrow pointing to the cor.; the original steel fence post, firmly set, projecting 36 ins. above the ground, bears N, 1 lk. dist.

N.  $32^{\circ}20'$  E., on line 5-6, Memory Association Placer, M.S. No. 1883.

Across open, rolling tundra.

29.156

Cor. No. 6, Memory Association Placer, M.S. No. 1883, monumented in the 1986 survey of T. 10 S., R. 34 W., with an alum. post, 2 1/2 ins. diam., firmly set, encircled with a collar of stone, 2 ft. diam., to the top of the alum. cap mkd. T10S R35W C6 MAPMC MS 1883 1986.

The original wood post monument is inverted and firmly set alongside the alum. post.

The original steel fence post, firmly set, projecting 40 ins. above the ground, bears NE, 1 lk. dist.

Dependent Resurvey of A Portion of Mineral Survey No. 1381

(Restoring the 1923 survey by Daniel A. Jones)

From cor. No. 2, Canby Association Claim Placer, M.S. No. 1381, monumented with a wood post, 4 ins. sq., firmly set, rotted off flush to the ground, with the remains of the wood post, 33 ins. long, mkd. 2/1381 C, lying alongside; there is no remaining evidence of the original earth mound.

At the corner point

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

CHAINS	T 10 S
	R 35 W C 2
	MS 1381
	1986
	Reset the remains of the original wood post monument inverted and alongside the alum. post and deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	Drive a steel fence post, 72 ins. long, 36 ins. in the ground, N, 1 lk. dist.
	N. 2°24' E., on line 2-3, Canby Association Claim Placer, M.S. No. 1381.
	Across open, rolling tundra.
24.636	The closing cor. of secs. 22 and 27, on line 2-3, Canby Association Claim Placer, M.S. No. 1381, monumented with a copper-coated steel rod (Copperweld), 9/16 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap, 1 1/2 ins. diam., mkd. CC T10S R35W S22 S27 MS1381 1975.
45.616	Cor. No. 3, Canby Association Claim Placer, M.S. No. 1381, monumented with a wood post, 4 ins. sq., firmly set and rotted off in the remains of the original earth mound, with the remains of the original wood post, 40 ins. long, mkd. 3/1381/C, lying alongside.
	At the corner point
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 29 ins. in the ground, encircled by a mound of stone, 2 ft. base, 1/2 ft. high, with alum. cap mkd.
	T 10 S R 35 W
	CAC
	MS 1381
	1986
	Reset the remains of the original wood post monument inverted and alongside the alum. post and deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

_	
CHAINS	Drive a steel fence post, 72 ins. long, 36 ins. in the ground, N, 1 lk. dist.
	S. 73°44' E., on line 3-4, Canby Association Claim Placer, M.S. No. 1381.
	Descend slope to bottomland of Penny River.
2.05	Penny River, 68 lks. wide, 2 ft. deep, course S. 20° W.; across braided bottomland of Penny River, through willow brush.
4.10	Penny River, 53 lks. wide, 1 ft. deep, course S. 14° W.
9.70	Honey Creek, 45 lks. wide, 2 ft. deep, course S. 24° W.
17.429	Cor. No. 4, Canby Association Claim Placer, M.S. No. 1381, monumented with a wood post, 4 ins. sq., firmly set and rotted off in the center of the original earth mound, 3 ft. base, 1 ft. high, with the remains of the original wood post, 28 ins. long, mkd. 4/1381/C, lying alongside.
	At the corner point
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 29 ins. in the ground, encircled by a mound of stone, 4 1/2 ft. base, 1 ft. high, with alum. cap mkd.
:	T 10 S  R 35 W  CA  CAC  MS 1381
	1986
	Reset the remains of the original wood post monument inverted and alongside the alum. post and deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	Drive a steel fence post, 72 ins. long, 36 ins. in the ground, N, 1 lk. dist.
	S. 4°07' W., on line 4-5 of Canby Association Claim Placer, M.S. No. 1381.
	Across open, rolling tundra, through thick willow brush.
16.120	The closing cor. of secs. 22 and 27, on line 4-5, Canby Association Claim Placer, M.S. No. 1381, monumented with a copper-coated steel rod (Copperweld), 9/16 in. diam., firmly set, projecting 11 ins. above the ground, with brass cap, 1 1/2
	ins. diam., mkd. T10S R35W S22 S27 CC MS1381 1975.

CHAINS	
41.092	Cor. No. 5, Canby Association Claim Placer, M.S. No. 1381, monumented with a wood post, 4 ins. sq., firmly set, rotted off flush to the ground, on the south side of the original mound of earth, 3 ft. base, 1 1/2 ft. high, with the remains of the original wood post, 38 ins. long, mkd. 5/1381 CANBY, lying alongside.
	At the corner point
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 29 ins. in the ground, with alum. cap mkd.
	CAC C5 T 10 S MS 1381 R 35 W
	Reset the remains of the original wood post monument inverted and alongside the alum. post and deposit a rusted shovel head and a clear DEEP-1 magnet at the base of the alum. post as memorials.
	Raise a mound of stone, 3 ft. base, 1 ft. high, NE of cor.
	Drive a steel fence post, 70 ins. long, 36 ins. in the ground, N, 1 lk. dist.
	S. 26°56' W., on line 5-6, Canby Association Claim Placer, M.S. No. 1381.
	Across open, rolling tundra, through thick willow brush.
5.40	Abandoned ditch, 20 lks. wide, 2 ft. deep, bears S. 22° E. and N. 22° W.
32.521	Cor. No. 6, Canby Association Claim Placer, M.S. No. 1381, identical with cor. No. 7, Wayno Association Placer, M.S. No. 1308, monumented with a wood post, 4 x 6 ins., firmly set, rotted off flush with the ground, with the remains of the wood post, 18 ins. long, mkd. CANBY 6/1381, 7W on side opposite, 1308 on side adjacent.
	At the corner point
	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 29 ins. in the ground, with alum. cap mkd.

CHAINS

MS 1381

CAC

C 6

T 10 S

C 7

R 35 W

MA

MS 1308

1986

Reset the remains of the original wood post monument inverted and alongside the alum. post and deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

Drive a steel fence post, 72 ins. long, 39 ins. in the ground, N, 1 lk. dist.

Dependent Resurvey of A Portion of Mineral Survey No. 1332

(Restoring the 1922 survey by Arthur G. Blake)

From cor. No. 8, C Association Placer, M.S. No. 1332, monumented with a schist stone, firmly set,  $20 \times 26$  ins., projecting 10 ins. above ground, mkd. 8C with X on top, no other markings legible.

At the corner point

Cement a brass tablet, 3 1/4 ins. diam., 3 1/2-in. stem, in a drill hole, 3/4 in. diam., 3 1/2 ins. deep, mkd.

MS 1332 CA C8 T 10 S R 35 W

1986

Drive a steel fence post, 72 ins. long, 12 ins. in the ground to bedrock, NW, 2 lks. dist.

Cor. is located on a prominent schist rock outcrop ridge, 30 ft. high, bearing N. 26° E. and S. 26° W.

From this point, cor. No. 1, E Association Placer, M.S. No. 1332, bears N. 20°59' W., 12.26 chs. dist., hereinafter described.

N. 68°55′ W., on line 8-1, C Association Placer, M.S. No. 1332.

Across open, rolling tundra. 9.826 The closing cor. of secs. 13 and 18, hereinbefore described. 23.595 Point for cor. No. 1, C Association Placer, M.S. No. 1332 at rotated record bearing and record dist.; there is no remaining evidence of the original cor. monument. Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, encircled by a mound of stone, 2 ft. base, to the top of the alum. cap mkd. MS 1332 T 10 S \ CA R 36 W C1 Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial. Drive a steel fence post, 72 ins. long, 30 ins. in the ground, N, 1 lk. dist. From this point, there is no remaining evidence of U.S.L.M. No. 1332, removed by persons unknown. N. 3°31' W., on line 1-2, C Association Placer, M.S. No. 1332. Across open, rolling tundra. 2.40 Arctic Creek, 48 lks. wide, 1 ft. deep, course S. 75° W. 6.732 Point for cor. No. 2, C Association Placer, M.S. No. 1332, at rotated record bearing and record dist.; there is no remaining evidence of the original cor. monument. Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, encircled by a mound of stone, 3 ft. base, to the top of the alum. cap mkd. T 10 S R 36 W \C2 1986 Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

CHAINS

Drive a steel fence post, 72 ins. long, 36 ins. in the ground, S, 1 lk. dist.

From this point, two location wood posts, 2 x 2 ins., with rusted tin cans attached, loosely set, projecting 21 ins. above the ground, not mkd., bear S.  $6^{\circ}23'$  E., 36 lks. dist., on the E side of an earth mound, 3 ft. base, 1 ft. high.

N. 77°11' E., on line 2-3, C Association Placer, M.S. No. 1332.

Across open, rolling tundra.

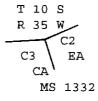
13.600

The closing cor. of secs. 13 and 18, hereinbefore described.

16.068

Point for cor. No. 3, C Association Placer, identical with cor. No. 2, E Association Placer, M.S. No. 1332, at rotated record bearing and record dist.; there is no remaining evidence of the original cor. monument.

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 30 ins. in the ground, encircled by a mound of stone, 2 ft. base, 1/2 ft. high, with alum. cap mkd.



1986

Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

Drive a steel fence post 72 ins. long, 36 ins. in the ground, SW, 1 lk. dist.

N. 57°37' E., on line 2-3, E Association Placer, M.S. No. 1332.

Across open, rolling tundra.

65.485

Point for cor. No. 3, E Association Placer, M.S. No. 1332, at rotated record bearing and record dist.; there is no remaining evidence of the original cor. monument.

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 30 ins. in the ground, encircled by a mound of stone, 2 ft. base, 1/2 ft. high with alum. cap mkd.

CHAINS	T 10 S R 35 W
	C3
	EA MS 1332
	1986
	Deposit a 5/8 in. alum. rod point, a 5/8 in. bolt, and a steel
	spike beneath the alum. post as a memorial.
	Drive a steel fence post, 72 ins. long, 35 ins. in the ground, SE, 1 1/2 lks. dist.
;	S. 31°05' E., on line 3-4, E Association Placer, M.S. No. 1332.
	Across open, rolling tundra, through scattered willow brush.
2.00	Arctic Creek, 30 lks. wide, 1 ft. deep, course S. 25° W.
9.000	Point for cor. No. 4, E Association Placer, M.S. No. 1332, at rotated record bearing and record dist.; there is no remaining evidence of the original cor. monument.
:	Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, encircled by a mound of stone, 1 1/2 ft. base, to the top of the alum. cap mkd.
	MS 1332 T 10 S EA C4 R 35 W
	1986
	Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	Drive a steel fence post. 72 ins. long, 36 ins. in the ground, NW, 1 lk. dist.
	from this point, the original improvements
	The S end of the remains of a cut, 3 x 50 x 3 ft. deep, bears S. 57° E., 260 ft. dist., long side extends N. 18° W. (Record S. 56°38' W., 257 ft.)
	The S end of the remains of a cut, 2 x 40 x 2 ft. deep, bears S. 57 3/4° W., 300 ft. dist., long side extends N. 34° W. (Record S. 57°21' W., 296 ft.)
	i

CHAINS The S end of the remains of a cut,  $3 \times 50 \times 3$  ft. deep, bears N. 84 3/4° W., 406 ft. dist., long side extends West. (Record N. 84°30' W., 405 ft.) S. 58°55′ W., on line 4-1, E Association Placer, M.S. No. 1332. Across open, rolling tundra, through scattered willow brush. 67.220 Cor. No. 1, E Association Placer, M.S. No. 1332, monumented with a hole, 3 x 5 x 6 ins. deep, in the center of a mound of earth, 4 ft. base, 2 ft. high, with a wood post,  $3 \times 5 \times 20$  ins. long, square on one end and sharp on opposite end, lying alongside, no markings legible. At the corner point Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 29 ins. in the earth mound, with alum. cap mkd. MS 1332 EΑ T 10 S R 35 W 1986 Reset the wood post inverted and alongside the alum. post and deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial. Drive a steel fence post, 72 ins. long, 44 ins. in the ground, NE, 1 lk. dist. N. 17°50' W., on a portion of line 1-2, E Association Placer, M.S. No. 1332. Across open, rolling tundra, through scattered willow brush. 2.694 Point for cor. No. 4, C Association Placer, M.S. No. 1332, at rotated record bearing and record dist., there is no remaining evidence of the original cor. monument. Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, encircled by a mound of stone, 2 ft. base, to the top of the alum. cap mkd.

Dependent Resurvey of Certain Bdys. of Certain Mineral Surveys Within T. 10 S., R. 35 W., Kateel River Meridian, Alaska

CHAINS	
Спиць	CA EA MS 1332
	C4 MS 1332
	T 10 2
	T 10'S R 35 W
	1986
	Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.
	Drive a steel fence post, 72 ins. long, 29 ins. in the ground, SE, 1 lk. dist.
	from this point, the original improvements
	The N end of the remains of a cut, 3 x 40 x 3 ft. deep, bears N. 71 3/4° E., 180 ft. dist., long side extends S. 20° E. (Record N. 71° E., 181 ft.)
	The N end of the remains of a cut, 2 x 65 x 1 ft. deep, bears N. 72 1/2° E., 168 ft. dist., long side extends S. 13° E. (Record N. 71° E., 169 ft.)
	The N end of the remains of a cut, 3 x 44 x 2 ft. deep, bears N. 73° E., 157 ft. dist., long side extends S. 20° E. (Record N. 72° E., 156 ft.)
	The N end of the remains of a cut, 2 x 36 x 3 ft. deep, bears S. 89 3/4° E., 106 ft. dist., long side extends S. 10° W. (Record N. 78° E., 104 ft.)
	The W end of the remains of a cut, 3 x 50 x 1 ft. deep, bears N 30 1/2° W., 240 ft. dist., long side extends N. 10° E. (Record N. 30°30′ W., 244 ft.)
į	The W end of the remains of a cut, 3 x 35 x 1/2 ft. deep, bears N. 24 3/4° W., 198 ft. dist., long side extends N. 22° E. (Record N. 27°30′ W., 200 ft.).
	S. 67°07' W., on line 4-5, C Association Placer, M.S. No. 1332.
	Across open, rolling tundra.
4.300	The closing cor. of secs. 13 and 18, hereinbefore described.
6.670	Point for cor. No. 5, C Association Placer, M.S. No. 1332, at rotated record bearing and record dist., there is no remaining evidence of the original cor. monument.
***	•

Dependent Resurvey of Certain Bdys. of Certain Mineral Surveys Within T. 10 S., R. 35 W., Kateel River Meridian, Alaska

CHAINS Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 28 ins. in

the ground, with alum. cap mkd.

MS 1332 C5 T 10 S CA R 36 W

1986

Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

Drive a steel fence post, 72 ins. long, 36 ins. in the ground, SE, 1 lk. dist.

from this point, an original improvement

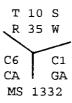
The S end of the remains of a cut, 3 x 60 x 2 ft. deep, bears S. 89° W., 93 ft. dist., long side extends N. 51° W. (Record S. 86° W., 95 ft.)

S. 61°19′ E., on line 5-6, C Association Placer, M.S. No. 1332.

Across open, rolling tundra.

- 0.35 Old wagon trail, 13 lks. wide, bears E and W.
- 2.489 The closing cor. of secs. 13 and 18, hereinbefore described.
- Point for cor. No. 6, C Association Placer, identical with cor. No. 1, G Association Placer, M.S. No. 1332, at rotated record bearing and record dist.; there is no remaining evidence of the original cor. monument.

Set an alum. post, 30 ins. long,  $2\ 1/2$  ins. diam., 26 ins. in the ground, encircled by a mound of stone, 2 ft. base, to the top of the alum. cap mkd.



1986

from which

The remains of a ruined cast iron stove, bears W, 1.30 chs. dist.

Dependent Resurvey of Certain Bdys. of Certain Mineral Surveys Within T. 10 S., R. 35 W., Kateel River Meridian, Alaska CHAINS Deposit pieces of broken cast iron around the alum. post and a clear DEEP-1 magnet at the base of the alum. post as a memorial. Drive a steel fence post, 72 ins. long, 46 ins. in the ground, S, 1 lk. dist. from this point, an original improvement The northerly end of an abandoned water ditch, 3 ft. wide, 2 ft. deep, 211 ft. long, to the confluence with Mammoth Creek, bears S. 23° E., 203 ft. dist. N. 69°52' E., on line 1-2, G Association Placer, M.S. No. 1332. Across open, rolling tundra, through scattered willow brush. 55.629 Point for cor. No. 2, G Association Placer, M.S. No. 1332, at rotated record bearing and record dist.; there is no remaining evidence of the original cor. position. The original wood post, 4 ins. sq., 40 ins. long, mkd. 2-G-1332 was found nearby lying on top of the ground, in a disturbed condition. Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 29 ins. in the ground, with alum. cap mkd. T 10 S

R 35 W

C2

GA

MS 1332

1986

Reset the original wood post monument inverted and alongside the alum. post and deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

Drive a steel fence post, 72 ins. long, 37 ins. in the ground, N, 1 lk. dist.

S. 2°17' E., on line 2-3, G Association Placer, M.S. No. 1332.

Across open, rolling tundra, through scattered willow brush.

10.80 Mammoth Creek, 8 lks. wide, 2 ft. deep, course N. 30° W.

17.689

Point for cor. No. 3, G Association Placer, M.S. No. 1332, at rotated record bearing and record dist.; there is no remaining evidence of the original cor. monument.

Dependent Resurvey of Certain Bdys. of Certain Mineral Surveys Within T. 10 S., R. 35 W., Kateel River Meridian, Alaska

CHAINS

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 30 ins. in the ground, encircled by a mound of stone, 1 ft. base, to the top of the alum. cap mkd.

Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

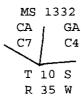
Drive a steel fence post, 72 ins. long, 37 ins. in the ground, N, 1 lk. dist.

S. 79°41' W., on line 3-4, G Association Placer, M.S. No. 1332.

Across open, rolling tundra, through scattered willow brush.

- 51.05 Bluff Creek, 15 lks. wide, 2 ft. deep, course N. 70° W.
- Point for cor. No. 4, G Association Placer, identical with cor. No. 7, C Association Placer, M.S. No. 1332, at rotated record bearing and record dist.; there is no remaining evidence of the original cor. monument.

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, encircled by a mound of stone, 2 ft. base, to the top of the alum. cap mkd.



1986

Deposit a clear DEEP-1 magnet at the base of the alum. post as a memorial.

Drive a steel fence post, 72 ins. long, 36 ins. in the ground, NE, 1 lk. dist.

N. 56°45' W., on line 7-8, C Association Placer, M.S. No. 1332.

Across open, rolling tundra, through scattered willow brush.

30.030

Cor. No. 8, C Association Placer, M.S. No. 1332, hereinbefore described.

## TOWNSHIP 10 SOUTH, RANGE 35 WEST KATEEL RIVER MERIDIAN, ALASKA

CHAINS	<del></del>
CHAINS	GENERAL DESCRIPTION
	The land encompassed within this township is located approximately 12 miles northwesterly from the City of Nome. Access is by way of Nome-Teller Road.
	The township is drained by Penny River and Cripple River flowing southerly through the township.
	Elevations range from approximately 50 to 1,800 feet above mean sea level.
	There are abandoned placer mining works along Arctic Creek, Bluff Creek, Sunset Creek and Penny River.
	The township is included within U.S. Geological Survey quadrangle maps "NOME (C-2)", Alaska, 1950 edition, with minor revisions in 1973.

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD ASSISTANTS

Charles A. Higby Surveying Technician

Paul J. Price Surveying Aid

# U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT ALASKA STATE OFFICE - ANCHORAGE, ALASKA

### CERTIFICATE OF SURVEY

I, Michael T. Birtles, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of supplemental special instructions No. 2 bearing date of 1 April 1985, I have dependently resurveyed the west boundary and a portion of the north boundary, surveyed a portion of the north boundary and dependently resurveyed certain boundaries of certain mineral surveys within Township 10 South, Range 35 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 specific manner described in the foregoing field notes.

17 April, 1996

(Cadastral Surveyor)

### CERTIFICATE OF APPROVAL

Bureau of Land Management Anchorage, Alaska

The foregoing field notes of the survey described in the Certificate of Survey above executed by Michael T. Birtles, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

(Date)

(Deputy State Director for Cadastral Survey, Alaska)

### ORIGINAL

R-226

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE SOUTH BOUNDARY, THE EAST BOUNDARY,

AND A PORTION OF THE SUBDIVISIONAL LINES,

AND THE SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES OF

TOWNSHIP 9 SOUTH, RANGE 36 WEST

KATEEL RIVER MERIDIAN

IN THE STATE OF ALASKA

### EXECUTED BY

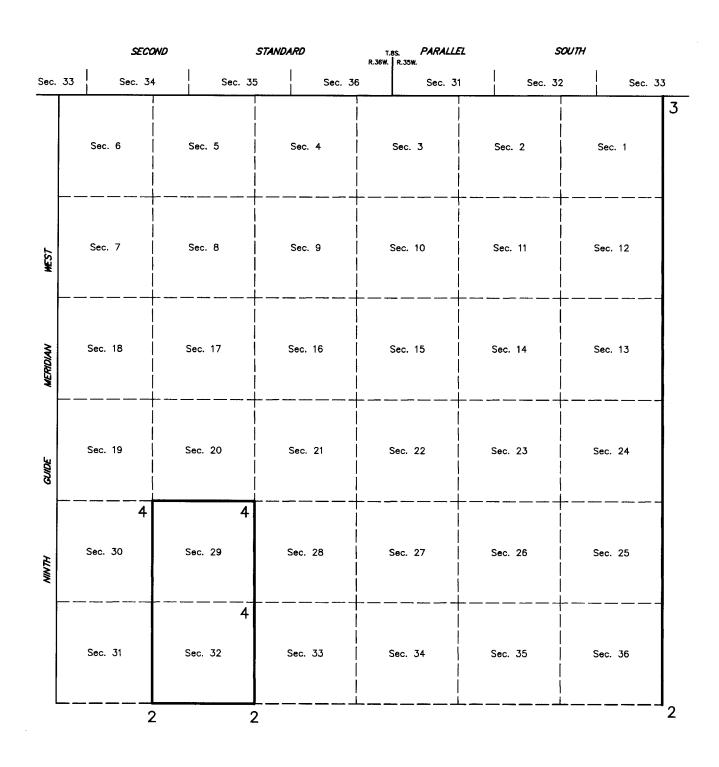
Gary D. Kowal, Registered Alaska Land Surveyor No. LS-8856 for Sitnasuak Native Corporation

Under Special Instructions dated May 25, 2004, approved June 3, 2004, which provided for the survey included under Group No. 919, Alaska, Contract No. NAC040256, awarded August 17, 2004, and Notice to Proceed, dated August 20, 2004.

Survey Commenced: August 23, 2004

Survey Completed: August 28, 2004

# INDEX DIAGRAM TOWNSHIP 9 SOUTH, RANGE 36 WEST OF THE KATEEL RIVER MERIDIAN, ALASKA



### Township 9 South, Range 36 West, Kateel River Meridian, Alaska

### CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary, the east boundary, and a portion of the subdivisional lines, and the survey of a portion of the subdivisional lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska.

A portion of Township 9 South, Range 36 West was surveyed by Maurice P. Oswald and Richard K. DeCamp for Dickinson-Oswald-Walch-Lee, Engineers, in 1975.

A portion of the Ninth Guide Meridian West was surveyed by Loren H. Lounsbury for Hewitt V. Lounsbury and Associates in 1979.

A portion of Township 10 South, Range 35 West, was dependently resurveyed by Michael T. Birtles, Cadastral Surveyor, in 1986.

This survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, Special Instructions for Group No. 919, Alaska, dated May 25, 2004, approved June 3, 2004, Contract No. NACO40256, awarded August 17, 2004, and Notice to Proceed, dated August 20, 2004.

The azimuth was obtained from Global Positioning System (GPS) observations and refers to the true meridian. The direction of all lines in these notes are reported as mean bearings unless otherwise indicated.

Corner positions for this survey were determined using GPS Real-Time Kinematic techniques (RTK) and were verified using GPS Rapid Static methodology.

Preliminary to the resurvey, the lines of the original surveys were retraced and a search was made for all corners and other calls of the record. Found corners were rehabilitated or remonumented based upon the found condition. No lost corners were encountered in this survey.

In accordance with the contract, lines of this survey were not brushed or blazed.

The geographic position of the corner of Townships 9 and 10 South, Ranges 35 and 36 West, Kateel River Meridian, Alaska, based upon the record plat of Township 9 South, Range 36 West, Kateel River Meridian, Alaska, is:

Latitude 64°39'30.39" N., Longitude 165°45'54.50" W. (NAD 27)

The magnetic declination was computed from U.S. Geological Survey Geomagix software program and database file AK-2000.COF and indicates a mean value of 14° East.

The Dependent Resurvey of a Portion of the South Boundary of Township 9 South, Range 36 West, Kateel River Meridian, Alaska

### **CHAINS**

The Dependent Resurvey of a Portion of the South Boundary of Township 9 South, Range 36 West, Kateel River Meridian, Alaska

(Restoring the 1975 survey by Maurice P. Oswald and Richard K. DeCamp)

Beginning at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. T9S R36W S32 S33 S5 S4 T10S 1975.

No accessories of record.

The monument is located on gently-sloping ground in low willow brush.

From this point, the cor. of Tps. 9 and 10 S., Rs. 35 and 36 W., bears S. 89°58' E., 319.89 chs. dist., hereinafter described.

West, between secs. 5 and 32.

80.09

The cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. T9S R36W S31 S32 S6 S5 T10S 1975.

A mound of stone, 2 ft. diam., 1 ft. high, bears West, 1 lk. dist.

The monument is located on rolling tundra with patches of small willows.

The Dependent Resurvey of the East Boundary of Township 9 South, Range 36 West, Kateel River Meridian, Alaska

(Restoring the 1975 survey by Maurice P. Oswald and Richard K. DeCamp)

From the cor. of Tps. 9 and 10 S., Rs. 35 and 36 W., monumented with an alum. post, 2 1/2 ins. diam., projecting 12 ins. above the ground, with alum. cap mkd. T9S R36W R35W S36 S31 S1 S6 T10S 1986.

The original steel fence post, projecting 48 ins. above the ground, bears North, 1 lk. dist.

The monument is located on gently-sloping, grassy tundra.

North, between secs. 31 and 36.

80.02

Point for the cor. of secs. 25, 30, 31 and 36, at proportionate dist., on the E. bdy. of the Tp., not monumented.

### The Dependent Resurvey of the East Boundary of Township 9 South, Range 36 West, Kateel River Meridian, Alaska

North, between secs. 25 and 30.  Point for the cor. of secs. 19, 24, 25 and 30, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 19 and 24.  Point for the cor. of secs. 13, 18, 19 and 24, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 13 and 18.  Point for the cor. of secs. 7, 12, 13 and 18, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 7 and 12.  Point for the cor. of secs. 1, 6, 7 and 12, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 1 and 6.  North, between secs. 1 and 6.  The closing cor. of Tps. 9 S., Rs. 35 and 36 W., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T8S R35W S33 S1 S6 R36W R35W T9S CC 1975.  No accessories of record.  The monument is located on gently-sloping tundra with patches of low willow brush.  The Dependent Resurvey of a Portion of the Subdivisional Lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska
Point for the cor. of secs. 13, 18, 19 and 24, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 13 and 18.  Point for the cor. of secs. 7, 12, 13 and 18, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 7 and 12.  Point for the cor. of secs. 1, 6, 7 and 12, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 1 and 6.  North, between secs. 1 and 6.  The closing cor. of Tps. 9 S., Rs. 35 and 36 W., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T8S R35W S33 S1 S6 R36W R35W T9S CC 1975.  No accessories of record.  The monument is located on gently-sloping tundra with patches of low willow brush.  The Dependent Resurvey of a Portion of the Subdivisional Lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska
Point for the cor. of secs. 7, 12, 13 and 18, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 7 and 12.  Point for the cor. of secs. 1, 6, 7 and 12, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 1 and 6.  North, between secs. 1 and 6.  The closing cor. of Tps. 9 S., Rs. 35 and 36 W., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T8S R35W S33 S1 S6 R36W R35W T9S CC 1975.  No accessories of record.  The monument is located on gently-sloping tundra with patches of low willow brush.  The Dependent Resurvey of a Portion of the Subdivisional Lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska
Point for the cor. of secs. 1, 6, 7 and 12, at proportionate dist., on the E. bdy. of the Tp., not monumented.  North, between secs. 1 and 6.  The closing cor. of Tps. 9 S., Rs. 35 and 36 W., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T8S R35W S33 S1 S6 R36W R35W T9S CC 1975.  No accessories of record.  The monument is located on gently-sloping tundra with patches of low willow brush.  The Dependent Resurvey of a Portion of the Subdivisional Lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska
The closing cor. of Tps. 9 S., Rs. 35 and 36 W., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T8S R35W S33 S1 S6 R36W R35W T9S CC 1975.  No accessories of record.  The monument is located on gently-sloping tundra with patches of low willow brush.  The Dependent Resurvey of a Portion of the Subdivisional Lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska
The monument is located on gently-sloping tundra with patches of low willow brush.  The Dependent Resurvey of a Portion of the Subdivisional Lines o Township 9 South, Range 36 West, Kateel River Meridian, Alaska
Township 9 South, Range 36 West, Kateel River Meridian, Alaska
(Restoring the 1975 survey by Maurice P. Oswald and Richard K. DeCamp)
From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described.  N. 0°08' W., between secs. 31 and 32.
Point for the cor. of secs. 29, 30, 31 and 32, at proportionate dist., not monumented.
N. 0°08' W., between secs. 29 and 30.

The Dependent Resurvey of a Portion of the Subdivisional Lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska

CHAINS	
80.02	The cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. T9S R36W S19 S20 S30 S29 1975.
	A mound of stone, 3 ft. diam., 18 ins. high, bears West, 1 lk. dist.
	The monument is located on rolling ground, at the east edge of a strip of low willow brush.
	East, between secs. 20 and 29.
80.03	The cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T9S R36W S20 S21 S29 S28 1975.
	A mound of stone, 3 ft. diam., 2 ft. high, bears West, 5 lks. dist.
	The monument is located on a gentle westerly slope in open tundra with scattered patches of low willow brush.
	The Survey of a Portion of the Subdivisional Lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska
	From the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
	N. 0°11' W., between secs. 32 and 33.
80.02	Point for the cor. of secs. 28, 29, 32 and 33, determined by double proportionate measurement.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T9S R36W
	S29   S28
	S32 S33
	2004
	2004 from which
	A magnet in a metallic silver plastic case, bears N. 45° E., 15 lks. dist., buried 12 ins. below the ground.
	A magnet in a fluorescent pink plastic case, bears S. 45° E., 15 lks. dist., buried 16 ins. below the ground.
	A magnet in a fluorescent blue plastic case, bears S. 45° W., 15 lks. dist., buried 16 ins. below the ground.

The Survey of a Portion of the Subdivisional Lines of Township 9 South, Range 36 West, Kateel River Meridian, Alaska

### **CHAINS**

A magnet in a fluorescent orange plastic case, bears N. 45° W., 15 lks. dist., buried 16 ins. below the ground.

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

Drive an alum. rod, 3 ft. long, 3/4 in. diam., 2.6 ft. in the ground, N.  $45^{\circ}$  E., 10 lks. dist., with an orange triangular marker on the top.

The monument is located on a moderate easterly slope in open tundra.

From this point, the point for the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., bears S. 89°58' E., 319.98 chs. dist., hereinbefore described.

From this same point, the point for the cor. of secs. 29, 30, 31 and 32, bears West, 80.00 chs. dist., hereinbefore described.

N. 0°05' W., between secs. 28 and 29.

#### 80.02

The cor. of secs. 20, 21, 28 and 29, hereinbefore described.

### GENERAL DESCRIPTION

Township 9 South, Range 36 West is located approximately 12 miles northwest of Nome, Alaska.

The land is primarily steep rocky tundra slopes with numerous small creeks and widely scattered patches of low willow brush.

Frost was encountered at a depth of 22 ins. in the soils which consist of sand and peat.

Access to the survey was by helicopter.

### U.S. Department of the Interior Bureau of Land Management Alaska State Office-Anchorage, Alaska

### FIELD ASSISTANTS

NAME	CAPACITY
Charles W. Lamb	Party Chief
Jason A. Madsen	Party Chief
Daryl K. Moistner	Party Chief
Rafal Lizak	Survey Technician

### CERTIFICATE OF SURVEY

I, Gary D. Kowal, Registered Alaska Land Surveyor No. LS-8856, for Sitnasuak Native Corporation, HEREBY CERTIFY upon honor that, in pursuance of the Special Instructions bearing the date of the 25th day of May, 2004, and Contract No. NAC040256 bearing the award date of the 17th day of August, 2004, I have dependently resurveyed a portion of the south boundary, the east boundary, and a portion of the subdivisional lines; and surveyed a portion of the subdivisional lines of Township 9 South, Range 36 West, Kateel River Meridian, 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, 1973, and in the specific manner described in the foregoing field notes.

6-14-2005 (Date)



### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

The foregoing field notes of the survey described in the Certificate of Survey above executed by Gary D. Kowal, Registered Alaska Land Surveyor No. LS-8856, for Sitnasuak Native Corporation, having been critically examined and found correct, are hereby approved.

12/23/2005

(Deputy State Director for Adastral Survey, Alaska)

CERTIFICATE OF TRANSCRIPT

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

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

(Date) (Deputy State Director for Cadastral Survey, Alaska)

## **ORIGINAL**

1 4

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

THE NINTH GUIDE MERIDIAN WEST

THROUGH A PORTION OF TOWNSHIP 9 SOUTH

BETWEEN RANGES 36 AND 37 WEST

AND A PORTION OF THE SUBDIVISIONAL LINES

AND THE SURVEY OF

A PORTION OF THE SOUTH BOUNDARY, CERTAIN TRACTS

AND PORTIONS OF THE MEANDERS OF

TOWNSHIP 9 SOUTH, RANGE 36 WEST

OF THE KATEEL RIVER MERIDIAN

IN THE STATE OF ALASKA

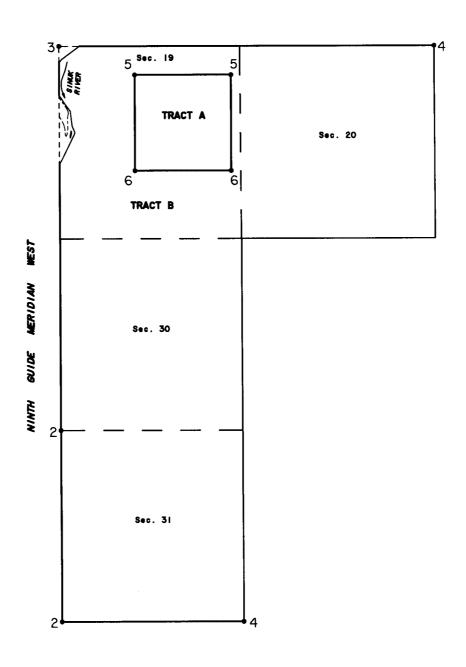
### EXECUTED BY

Joshua J. Smail, Cadastral Surveyor

Under Special Instructions dated, May 16, 2006, approved May 22, 2006, which provided for the surveys included under Group No. 1000, Alaska, and assignment instructions dated June 7, 2006.

Survey commenced: June 17, 2006 Survey completed: July 7, 2006 TOWNSHIP 9 SOUTH, RANGE 36 WEST, OF THE KATEEL RIVER MERIDIAN, ALASKA

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### T. 9 S., R. 36 W., Kateel River Meridian, Alaska

### Chains

The following field notes represent the dependent resurvey of the Ninth Guide Meridian West, through a portion of Township 9 South, between Ranges 36 and 37 West, and a portion of the subdivisional lines; and the survey of a portion of the south boundary, certain tracts, and portions of the meanders of Township 9 South, Range 36 West, of the Kateel River Meridian, Alaska.

The Ninth Guide Meridian West, through a portion of Township 9 South, between Ranges 36 and 37 West, a portion of the south boundary, and a portion of the subdivisional lines of Township 9 South, Range 36 West, were surveyed under contract, by Maurice P. Oswald and Richard K. DeCamp, Registered Alaska Land Surveyors, No. 613 and No. 2071, in 1975.

The Ninth Guide Meridian West, through a portion of Township 9 South, between Ranges 36 and 37 West was surveyed under contract, by Loren H. Lounsbury, Registered Alaska Land Surveyor, No. 827, in 1979.

A portion of the south boundary and a portion of the subdivisional lines of Township 9 South, Range 36 West were dependently resurveyed under contract, by Gary D. Kowal, Registered Alaska Land Surveyor, No. 8856, in 2004.

This survey was executed using the Global Positioning System, utilizing static relative and real-time kinematic positioning techniques; no lines were brushed or marked between corners.

The meanders were obtained using the Global Positioning System, utilizing real-time and post processed kinematic methods, using a helicopter as a platform.

Islands on the plat depicted by dashed outlines represent lands in place at the time of survey. The Secretary of the Interior has determined that these lands are not subject to survey or disposal.

All distances are horizontal distances reduced to their sea level equivalent.

This survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, and Special Instructions for Group No. 1000, Alaska, dated May 16, 2006.

The azimuth was obtained using the Global Positioning System, utilizing static relative positioning techniques, and refers to the true meridian. All bearings are reported as mean bearings.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a diligent search was made for all evidence of the original corners and other calls of record. The retracement

### T. 9 S., R. 36 W., Kateel River Meridian, Alaska

### Chains

data was thoroughly verified and only the true line field notes are given herein.

The geographic position of the corner of sections 5, 6, 31, and 32, on the south boundary of Township 9 South, Range 36 West, as determined from the record plat of Township 9 South, Range 36 West, accepted on February 18, 1981, is:

Latitude: 64° 39′ 30.40″ N. Longitude: 165° 56′ 00.81″ W. NAD 27

The mean magnetic declination was derived from the U.S. Geological Survey, 2000 World Magnetic Model and indicates a value of 13  $1/4^{\circ}$  East.

Dependent Resurvey of the Ninth Guide Meridian West, through a portion of T. 9 S. Bet. Rs. 36 and 37 W., Kateel River Meridian, Alaska

(Restoring the survey executed by Loren H. Lounsbury, under contract, in 1979)

Beginning at the cor. of Tps. 9 and 10 S., Rs. 36 and 37 W., on the Ninth Guide Meridian West, monumented with an alum. rod, 3/4 ins. diam., firmly set, projecting 6 ins. above the ground, with alum. cap mkd. T9S R37W R36W S36 S31 S1 S6 T10S 1979.

The original alum. rod, 3/4 ins. diam., firmly set, projecting 1 ft. above the ground, bears N.  $26^{\circ}$  E., 11 lks. dist., with an alum. rod, 3/4 ins. diam., 3 ft. long, with triangular marker on top, broken off and lying along side.

Drive the broken off alum. rod, 3 ft. long, 3/4 ins. diam., 2 1/2 ft. in the ground, along side of the remaining section of alum. rod, with triangular marker on top.

N. 0° 08' W., on the Ninth Guide Meridian West, bet. secs. 31 and 36.

80.03

The cor. of secs. 25, 30, 31, and 36, determined at record bearing and distance from the remains of the original alum. rod with triangular marker. The original alum. rod, 6 ft. long, 3/4 ins. diam., with alum. cap was found lying on the ground in a disturbed condition.

The original alum. rod, 3/4 ins. diam., firmly set, flush with the ground, bears N. 61° E., 12 1/2 lks. dist., with an alum. rod, 3/4 ins. diam., 3 ft. long, with triangular marker on top, broken off and lying along side.

# Dependent Resurvey of the Ninth Guide Meridian West, through a portion of T. 9 S. Bet. Rs. 36 and 37 W., Kateel River Meridian, Alaska

	¥
Chains	Drive the broken off alum. rod, 3 ft. long, 3/4 ins. diam., 2 1/2 ft. in the ground, along side of the remaining section of alum. rod, with triangular marker on top.
}	At the corner point
	Drive the original alum. rod, 6 ft. long, 3/4 ins. diam., 5 1/2 ft. in the ground, with alum. cap mkd. T9S R37W R36W S25 S30 S36 S31 1979.
	Add the marks 2006 to the alum. cap.
	N. 0° 08' W., bet. secs. 25 and 30.
80.04	Point for the cor. of secs. 19, 24, 25, and 30, at proportionate dist., not monumented.
	N. 0° 08' W., bet. secs. 19 and 24.
30.80	Point for the most southerly meander cor. of secs. 19 and 24, on the Ninth Guide Meridian West, on the left bank of the Sinuk River, at the line of ordinary high water, not monumented.
59.69	Point for the second most southerly meander cor. of secs. 19 and 24, on the Ninth Guide Meridian West, on the left bank of the Sinuk River, at the line of ordinary high water, not monumented.
73.39	Point for the second most northerly meander cor. of secs. 19 and 24, on the Ninth Guide Meridian West, on an eroding left bank of the Sinuk River, at the line of ordinary high water, not monumented.
79.60	Point for the most northerly meander cor. of secs. 19 and 24, on the Ninth Guide Meridian West, on the right bank of the Sinuk River, at the line of ordinary high water, not monumented.
80.05	The cor. of secs. 13, 18, 19, and 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T9S R37W R36W S13 S18 S24 S19 1975.
	The original mound of stone, 2 ft. base, 1 ft. high, 1 lk. W of cor.

Dependent Resurvey of a Portion of the Subdivisional Lines of T. 9 S., R. 36 W., Kateel River Meridian, Alaska

Chains	
	(Restoring the survey executed by  Maurice P. Oswald and Richard K. DeCamp,  under contract, in 1975)
	From the cor. of secs. 16, 17, 20, and 21, monumented with an iron post, 2 1/2 ins. diam., loosely set, projecting 6 ins. above the ground, with brass cap mkd. T9S R36W S17 S16 S20 S21 1975.
	Firmed up the original iron post.
	N. 89° 58' W., bet. secs. 17 and 20.
80.30	Point for the cor. of secs. 17, 18, 19, and 20, at proportionate dist., not monumented.
	N. 89° 58' W., bet. secs. 18 and 19.
66.54	Point for the easterly meander cor. of secs. 18 and 19, on the left bank of the Sinuk River, at the line of ordinary high water, not monumented.
74.05	Point for the westerly meander cor. of secs. 18 and 19, on the right bank of the Sinuk River, at the line of ordinary high water, not monumented.
74.98	The cor. of secs. 13, 18, 19, and 24, on the Ninth Guide Meridian West, hereinbefore described.
	Survey of a Portion of the S. Bdy. of T. 9 S., R. 36 W., Kateel River Meridian, Alaska
	From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T9S R36W S31 S32 S6 S5 T10S 1975.
	S. 89° 57' W., on the S. bdy. of the Tp., bet. secs. 6 and 31.
75.42	The cor. of Tps. 9 and 10 S., Rs. 36 and 37 W., on the Ninth Guide Meridian West, hereinbefore described.
<u> </u>	

## Survey of Tract A T. 9 S., R. 36 W., Kateel River Meridian, Alaska

Chains	From the point for cor. No. 1, Tract A.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			
	C1 TRA			
	2006			
	Drive a steel fence post, 5 ft. long, 2 ft. in the ground, 3 lks. N of cor.			
	Drive an alum. rod, 3 ft. long, 3/4 ins. diam., 2 1/2 ft. in the ground, 10 lks. E of cor., with triangular marker on top.			
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.			
	Located in flat open tundra.			
	From this point, the cor. of secs. 13, 18, 19, and 24, on the Ninth Guide Meridian West, bears N. 69° 17' W., 33.51 chs. dist., hereinbefore described.			
	East, on line 1 - 2, Tract A.			
39.99	Point for cor. No. 2, Tract A.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			
	C2 TRA			
	2006			
	Drive a steel fence post, 5 ft. long, 2 ft. in the ground, 3 lks. N of cor.			
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.			
	Located in flat open tundra.			
	South, on line 2 - 3, Tract A.			
40.00	Point for cor. No. 3, Tract A.			
}	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			

Survey of Tract A
T. 9 S., R. 36 W., Kateel River Meridian, Alaska

Chains	1				
1	TRA C3				
'	2006				
	Drive a steel fence post, 5 ft. long, 2 ft. in the ground, 3 lks. N of cor.				
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.				
	Located in open tundra with a gentle NW slope.				
	West, on line 3 - 4, Tract A.				
40.00	Point for cor. No. 4, Tract A.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.				
	TRA C4				
	2006				
	Drive a steel fence post, 5 ft. long, 2 ft. in the ground, 3 lks. N of cor.				
i :	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.				
	Located in flat open tundra.				
	North, on line 4 - 1, Tract A.				
40.00	Cor. No. 1, Tract A, hereinbefore described.				
	Meanders T. 9 S., R. 36 W., Kateel River Meridian, Alaska				
	From the easterly meander cor. of secs. 18 and 19, on the left bank of the Sinuk River, at the line of ordinary high water, hereinbefore described.				
	Thence downstream with the meanders of the left bank of the Sinuk River, at the line of ordinary high water.				
	S. 53° 40' W., 9.13 chs. S. 40° 46' W., 1.64 chs. At end of course, the second most northerly meander cor.				

### Meanders T. 9 S., R. 36 W., Kateel River Meridian, Alaska

### Chains

of secs. 19 and 24, on the Ninth Guide Meridian West, on an eroding left bank of the Sinuk River, at the line of ordinary high water, hereinbefore described.

From the second most southerly meander cor. of secs. 19 and 24, on the Ninth Guide Meridian West, on the left bank of the Sinuk River, at the line of ordinary high water, hereinbefore described.

Thence downstream with the meanders of the left bank of the Sinuk River, at the line of ordinary high water.

S. 31° 45′ E., 4.16 chs.

S. 36° 48′ E., 4.03 chs.

S. 6° 36′ E., 5.98 chs.

S. 23° 12' E., 3.13 chs.

S. 25° 26' W., 11.91 chs.

S. 27° 49' W., 2.87 chs.

At end of course, the most southerly meander cor. of secs. 19 and 24, on the Ninth Guide Meridian West, on the left bank of the Sinuk River, at the line of ordinary high water, hereinbefore described.

From the westerly meander cor. of secs. 18 and 19, on the right bank of the Sinuk River, at the line of ordinary high water, hereinbefore described.

Thence downstream with the meanders of the right bank of the Sinuk River, at the line of ordinary high water.

S. 46° 03' W., 0.52 chs.

S. 80° 43′ W., 0.57 chs.

At end of course, the most northerly meander cor. of secs. 19 and 24, on the Ninth Guide Meridian West, on the right bank of the Sinuk River, at the line of ordinary high water, hereinbefore described.

T. 9 S., R. 36 W., Kateel River Meridian, Alaska

Feet	
General Description	
This survey is situated approximately 21 miles northwest of the Nome Teller Road.	
The land is generally flat to moderately rolling tund areas of thick willow brush and large tussocks.	dra, with
The Sinuk River, a rocky stream, 1 - 10 ft. deep, dra southwesterly through the northwest portion of the su	
The elevation is approximately 100 to 700 ft. above s	sea level.
Access to the survey was by ATV and foot travel.	}
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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD ASSISTANTS

FIELD ASSISTANTS			
NAMES	CAPACITY		
Matthew W. Robbins	Land Surveyor		
Joseph J. Rhodes	Surveying Technician		
•			
*******	PARTIES TOOT		

### CERTIFICATE OF SURVEY

I, Joshua J. Smail, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 16th day of May, 2006, I have dependently resurveyed the Ninth Guide Meridian West, through a portion of Township 9 South, between Ranges 36 and 37 West, and a portion of the subdivisional lines; and surveyed a portion of the south boundary, certain tracts, and portions of the meanders of Township 9 South, Range 36 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.

5/10/07 Gahag & Gahag

### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

The foregoing field notes of the dependent resurvey of the Ninth Guide Meridian West, through a portion of Township 9 South, between Ranges 36 and 37 West, and a portion of the subdivisional lines; and the survey of a portion of the south boundary, certain tracts, and portions of the meanders of Township 9 South, Range 36 West, of the Kateel River Meridian, in the State of Alaska, executed by Joshua J. Smail, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

5/1/2007
Active
(Date) (Deputy State Director for Cadastral Survey, Alaska)

### CERTIFICATE OF TRANSCRIPT

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in Township 9 South, Range 36 West, Kateel River Meridian, Alaska, is a true copy of the original field notes.

(Deputy State Director for Cadastral Survey,

# **ORIGINAL**

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE RECOVERY

AND

REMONUMENTATION OF

THE CORNERS OF MINERAL SURVEY NO. 1134

IN

TOWNSHIP 9 SOUTH, RANGE 36 WEST

OF THE KATEEL RIVER MERIDIAN

IN THE STATE OF ALASKA

### EXECUTED BY

Joshua J. Smail, Cadastral Surveyor

Under Special Instructions dated, July 7, 2005, approved July 11, 2005, which provided for the surveys included under Group No. 967, Alaska, and assignment instructions dated September 9, 2005.

Survey commenced: September 14, 2005 Survey completed: October 12, 2005

### INDEX

### TOWNSHIP 9 SOUTH RANGE 36 WEST

### KATEEL RIVER MERIDIAN, ALASKA

M.S. No.	CLAIM NAME	PAGE	NC	).
1134	N. Handshy Association Placer Claim Park Association Placer Claim	1	_	1 4

### T. 9 S., R. 36 W., Kateel River Meridian, Alaska

### Chains

The following field notes describe the recovery and remonumentation of the corners of Mineral Survey No. 1134 in Township 9 South, Range 36 West, of the Kateel River Meridian, Alaska.

The following Mineral Survey was surveyed by the following U.S. Deputy Mineral Surveyor on the respective date:

Mineral Survey No. 1134 Arthur G. Blake, 1914

Preliminary to the remonumentation, a diligent search was made for all evidence of all original corners called for in the Special Instructions. Only those corners with acceptable and conclusive evidence of the original corner positions were remonumented. The bearings and distances between corners were not measured. Lost corners were not reestablished. Only remonumented corners are described herein.

This recovery and remonumentation was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, and Special Instructions for Group No. 967, Alaska, dated July 7, 2005.

The mean magnetic declination was derived from the U.S. Geological Survey, World Magnetic Model 2000, and indicates a value of 13  $3/4^{\circ}$  East.

Recovery and Remonumentation of The Cors. of Mineral Survey No. 1134 T. 9 S., R. 36 W., Kateel River Meridian, Alaska

### <u>A</u>

Cor. No. 3, H. Handshy Association Placer Claim, M.S. No. 1134, identical with cor. No. 2, Park Association Placer Claim, M.S. No. 1134, monumented with a granite stone, 24 X 8 X 7 ins., firmly set, 6 ins. under ground, mkd. 2-3 1134 HP, with an X on top.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T9S R36W PAPC C2 C3 HHAPC MS1134 2005

### Recovery and Remonumentation of The Cors. of Mineral Survey No. 1134 T. 9 S., R. 36 W., Kateel River Meridian, Alaska

### Chains

Drive a steel fence post, 5 ft. long, 2 1/2 ft. in the ground, 3 lks., N of cor.

Deposit the original granite stone, inverted, alongside the stainless steel post.

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

### В

Cor. No. 3, Park Association Placer Claim, M.S. No. 1134, monumented with a schist stone, 24 X 12 X 5 ins., firmly set, flush with the ground, mkd. 3-1134 P.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T9S R36W MS1134 C3 PAPC

2005

Drive a steel fence post, 5 ft. long, 2 1/2 ft. in the ground, 3 lks., N of cor.

Deposit the original schist stone, inverted, alongside the stainless steel post.

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

### С

Cor. No. 4, Park Association Placer Claim, M.S. No. 1134, monumented with a quartz stone, 20 X 8 X 4 ins., firmly set, 2 ins. under ground, mkd. 4-1134 P, with an X on top.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

### Recovery and Remonumentation of The Cors. of Mineral Survey No. 1134 T. 9 S., R. 36 W., Kateel River Meridian, Alaska

С	ha	i	n	s	

T9S R36W C4 PAPC MS1134

2005

Drive a steel fence post, 5 ft. long, 2 1/2 ft. in the ground, 3 lks., N of cor.

Deposit the original quartz stone, inverted, alongside the stainless steel post.

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

\_D\_

Cor. No. 5, Park Association Placer Claim, M.S. No. 1134, monumented with a limestone, 24 X 10 X 6 ins., firmly set, flush with the ground, mkd. 5-1134 P.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

MS1134 T9S C5 R36W PAPC

2005

Drive a steel fence post, 5 ft. long, 2 1/2 ft. in the ground, 3 lks., N of cor.

Deposit the original limestone, inverted, alongside the stainless steel post.

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

Ε

Cor. No. 6, Park Association Placer Claim, M.S. No. 1134, monumented with a schist stone, 24 X 10 X 5 ins., firmly set, 1 in. under ground, mkd. 6--1134 P.

At the corner point

### Recovery and Remonumentation of The Cors. of Mineral Survey No. 1134 T. 9 S., R. 36 W., Kateel River Meridian, Alaska

### Chains

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

MS1134 T9S PAPC R36W C6

2005

Drive a steel fence post, 5 ft. long, 2 1/2 ft. in the ground, 3 lks., N of cor.

Deposit the original schist stone, inverted, alongside the stainless steel post.

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

### General Description

This survey is situated near Cripple River, approximately 17 miles northwest of Nome, Alaska. ATV trails exist along the river.

The land is generally rolling tundra with areas of thick willow brush.

The elevation is approximately 200 to 250 ft. above sea level.

Transportation of personnel and equipment for the execution of this survey was accomplished by ATV and on foot.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY		
Matthew W. Robbins	Land Surveyor		
John D. Taivalkoski	Land Surveyor		
Kurt A. Larson	Survey Technician		

Change Parties ....

### CERTIFICATE OF SURVEY

I, Joshua J. Smail, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 7th day of July, 2005, I have recovered and remonumented the corners of Mineral Survey No. 1134 in Township 9 South, Range 36 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.

(Date)

Oblight Gadastral Surveyor)

### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

The foregoing field notes of the recovery and remonumentation of the corners of Mineral Survey No. 1134 in Township 9 South, Range 36 West, of the Kateel River Meridian, in the State of Alaska, executed by Joshua J. Smail, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

July 13, 2001
(Deputy State Director for Gadastral Survey, Alaska)

### CERTIFICATE OF TRANSCRIPT

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in Township 9 South, Range 36 West, Kateel River Meridian, Alaska, is a true copy of the original field notes.