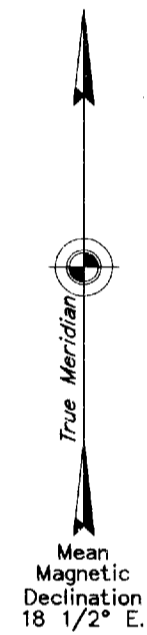


MEANDERS

- Lot 1**
- Along a sloping bank, 2 ft. high, at the line of ordinary high water.
    - S. 40°19' E. 2.56 chs.
  - Along a poorly-defined bank, at the line of ordinary high water.
    - S. 0°36' W. 1.26 chs.
    - S. 61°04' E. 1.65 chs.
    - N. 85°21' E. 1.91 chs.
    - N. 46°38' E. 1.58 chs.
    - N. 71°25' E. 1.65 chs.
    - N. 36°38' E. 2.25 chs.
    - N. 71°26' E. 2.61 chs.
    - N. 81°53' E. 2.27 chs.
    - S. 68°40' E. 1.78 chs.
  - Along an unstable bank, 4-8 ft. high, at the line of ordinary high water.
    - N. 42°41' E. 1.19 chs.
    - N. 29°53' E. 2.74 chs.
    - N. 32°33' E. 2.72 chs.
    - N. 40°12' E. 5.21 chs.
    - N. 33°22' E. 3.32 chs.
    - N. 40°34' E. 1.61 chs.
    - N. 48°16' E. 1.54 chs.
    - N. 64°24' E. 1.46 chs.
    - N. 12°01' E. 1.81 chs.
  - Along a well-defined bank, 4-8 ft. high, at the line of ordinary high water.
    - N. 23°51' E. 3.94 chs.
    - N. 43°45' E. 5.46 chs.
    - N. 33°55' E. 2.83 chs.

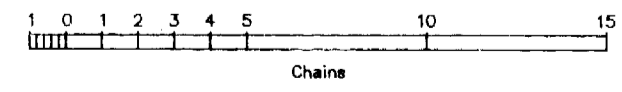


THE COR. OF SECS. 1, 6, 31 AND 36 TPS. 27 AND 28 N., RS. 25 AND 26 W., K.R.M., ALASKA

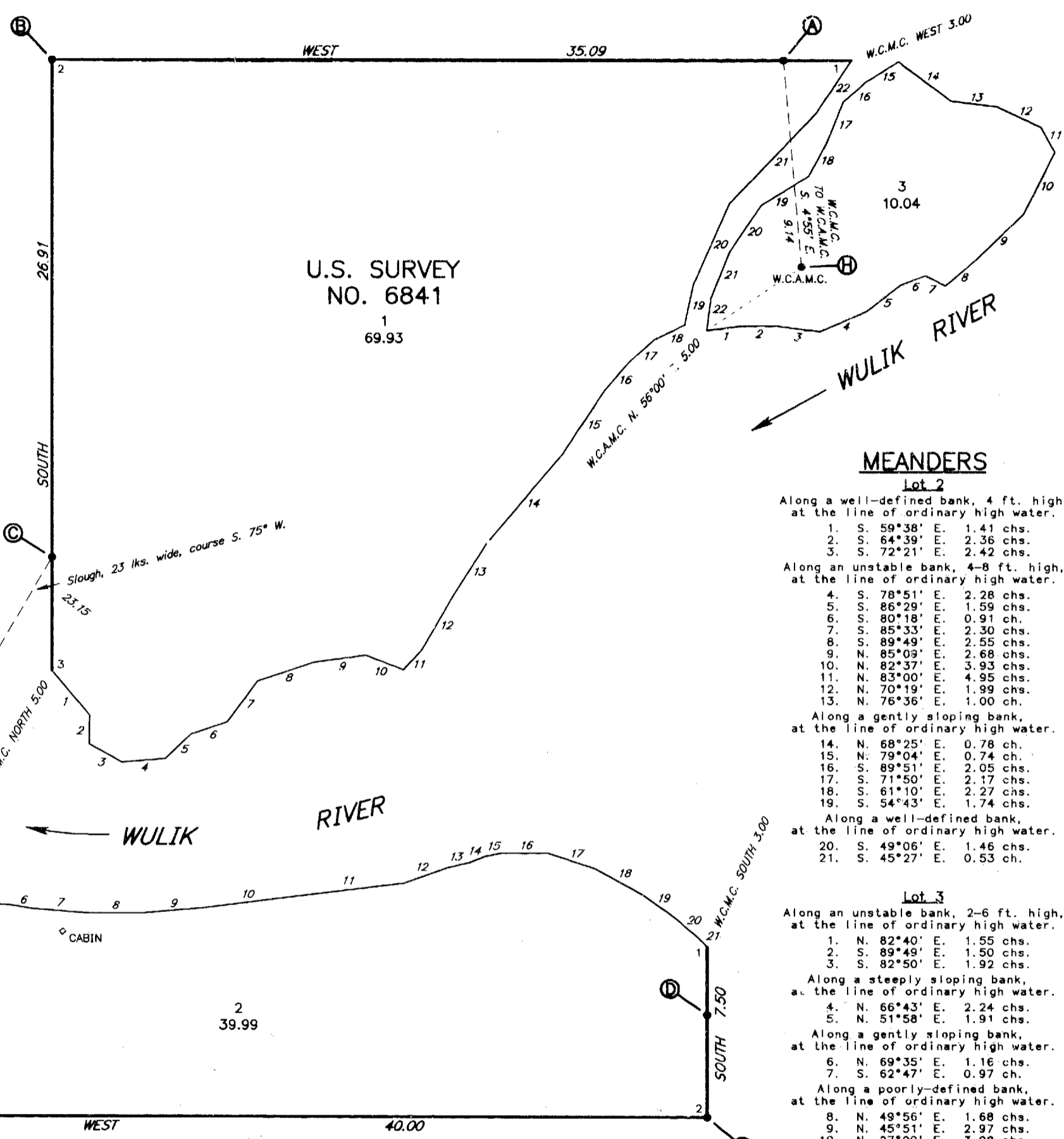
767

I, William W. McClintock, Registered Alaska Land Surveyor No. LS-5480, HEREBY CERTIFY upon honor that in pursuance of Special Instructions dated August 13, 1980, Amended Special Instructions dated April 22, 1994, and under Contract No. 1422-N651-C4-3040 awarded May 31, 1994, I have executed the survey depicted on this plat in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in the specific manner described on this plat.

4-8-95 Date  
 Will W. McClintock Registered Land Surveyor



U.S. SURVEY NO. 6841  
 1  
 69.93



MEANDERS

- Lot 2**
- Along a well-defined bank, 4 ft. high, at the line of ordinary high water.
    - S. 59°38' E. 1.41 chs.
    - S. 64°39' E. 2.36 chs.
    - S. 72°21' E. 2.42 chs.
  - Along an unstable bank, 4-8 ft. high, at the line of ordinary high water.
    - S. 78°51' E. 2.28 chs.
    - S. 86°29' E. 1.59 chs.
    - S. 80°18' E. 0.91 ch.
    - S. 85°33' E. 2.30 chs.
    - S. 89°49' E. 2.55 chs.
    - N. 85°09' E. 2.68 chs.
    - N. 82°37' E. 3.93 chs.
    - N. 83°00' E. 4.95 chs.
    - N. 70°19' E. 1.99 chs.
    - N. 76°36' E. 1.00 ch.
  - Along a gently sloping bank, at the line of ordinary high water.
    - N. 68°25' E. 0.78 ch.
    - N. 79°04' E. 0.74 ch.
    - S. 89°51' E. 2.05 chs.
    - S. 71°50' E. 2.17 chs.
    - S. 61°10' E. 2.27 chs.
    - S. 54°43' E. 1.74 chs.
  - Along a well-defined bank, at the line of ordinary high water.
    - S. 49°06' E. 1.46 chs.
    - S. 45°27' E. 0.53 ch.

Lot 3

- Along an unstable bank, 2-6 ft. high, at the line of ordinary high water.
  - N. 82°40' E. 1.55 chs.
  - S. 89°49' E. 1.50 chs.
  - S. 82°50' E. 1.92 chs.
- Along a steeply sloping bank, at the line of ordinary high water.
  - N. 66°43' E. 2.24 chs.
  - N. 51°58' E. 1.91 chs.
- Along a gently sloping bank, at the line of ordinary high water.
  - N. 69°35' E. 1.16 chs.
  - S. 62°47' E. 0.97 ch.
- Along a poorly-defined bank, at the line of ordinary high water.
  - N. 49°56' E. 1.68 chs.
  - N. 45°51' E. 2.97 chs.
  - N. 27°00' E. 3.08 chs.
  - N. 29°20' W. 1.25 chs.
  - N. 64°26' W. 2.11 chs.
  - N. 82°58' W. 2.05 chs.
  - N. 53°08' W. 2.88 chs.
- Along an unstable bank, 2-5 ft. high, at the line of ordinary high water.
  - S. 57°28' W. 1.67 chs.
  - S. 49°07' W. 1.34 chs.
  - S. 22°12' W. 2.02 chs.
  - S. 28°33' W. 1.60 chs.
  - S. 58°23' W. 2.45 chs.
  - S. 34°01' W. 2.44 chs.
  - S. 21°47' W. 2.25 chs.
  - S. 7°17' W. 1.41 chs.

IMPROVEMENTS

- Lot 2**
- From the witness cor. to cor. No. 4, Lot 2, a meander cor.
    - The most westerly cor. of a cabin, 12.0 ft. x 14.0 ft., bears N. 76°13' E., 11.93' chs. dist., long side bears N. 48° E.

U.S. SURVEY NO. 6841, ALASKA

This plat contains the entire survey record.

The exterior boundaries and a portion of the subdivisional lines of Township 28 North, Range 25 West, Kateel River Meridian, were surveyed in 1976, by George C. Schwaderer for Schwaderer and Budka under Contract No. YA-512-C16-208 and Special Instructions for Group No. 257, Alaska, dated February 4, 1976, the plat of which was accepted December 28, 1978.

This survey was executed by William W. McClintock, Registered Alaska Land Surveyor No. LS-5480, for Manillaq Association, June 25, 1994 through July 11, 1994, in accordance with the provisions set forth in the Manual of Surveying Instructions, Special Instructions dated August 13, 1980, approved May 13, 1981, Amended Special Instructions dated April 22, 1994, approved April 28, 1994, under Contract No. 1422-N651-C4-3040 awarded May 31, 1994, and Notice to Proceed dated June 9, 1994.

Field Assistants were:

- Andrew B. Alexander, Party Chief
- Larry K. Bekkedahl, Party Chief
- Douglas W. Moore, Instrument Person
- Ronald C. Heidemann, Instrument Person
- Thomas A. Geffe, Survey Technician
- Wendell Booth, Jr., Survey Technician

Area: 119.96 Acres.

The azimuth was obtained from direct observations of the sun, using the hour angle method, and refers to the true meridian.

The geographic position of the witness corner to corner No. 4, Lot 2, a meander corner, as determined by a direct tie to the corner of sections 1, 6, 31 and 36, Townships 27 and 28 North, Ranges 25 and 26 West, Kateel River Meridian, Alaska, is:

Latitude: 67° 46' 46.17" North (NAD 27)  
 Longitude: 164° 23' 28.94" West

The mean magnetic declination was taken from U.S. Geological Survey quadrangle map "NOATAK D-5", Alaska, 1955 edition.

This survey is located on both banks of the Wulik River, approximately 5 miles northeasterly of Kivalina, Alaska.

The land is level tundra vegetated with native grasses and berry bushes, with low willow brush near the river.

Permafrost lies approximately 4 to 8 inches below the topsoil of organics and silt.

Access to the site is by boat in the summer and by snowmachine or dogteam in the winter.

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

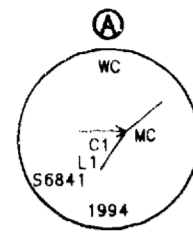
UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 Anchorage, Alaska

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

For the Director

*Jerry Dinkerton* April 26, 1995  
 Deputy State Director for Cadastral Survey, Alaska

U.S. SURVEY  
NO. 6841, ALASKA

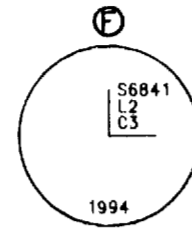


Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. as shown, from which

A magnet in a fluorescent blue plastic case, bears S. 45° W., 15 lks. dist., buried 18 ins. below the ground.

A magnet in a fluorescent orange plastic case, bears N. 45° W., 15 lks. dist., buried 18 ins. below the ground.

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

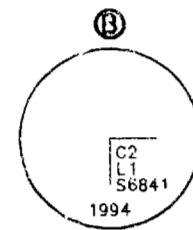


Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. as shown, from which

A magnet in a metallic silver plastic case, bears N. 45° E., 15 lks. dist., buried 18 ins. below the ground.

A magnet in a fluorescent pink plastic case, bears S. 45° E., 15 lks. dist., buried 18 ins. below the ground.

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



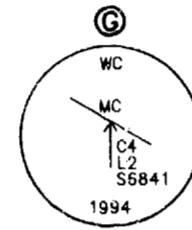
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A magnet in a fluorescent blue plastic case, bears S. 45° W., 15 lks. dist., buried 18 ins. below the ground.

A magnet in a fluorescent orange plastic case, bears N. 45° W., 15 lks. dist., buried 18 ins. below the ground.

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

Drive an alum. rod, 6 ft. long, 3/4 in. diam., 4.0 ft. in the ground, S. 45° E., 10 lks. dist., with an orange triangular marker on the top.

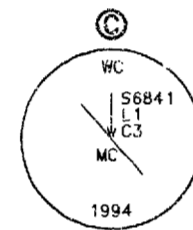


Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. as shown, from which

A magnet in a fluorescent pink plastic case, bears S. 45° E., 15 lks. dist., buried 18 ins. below the ground.

A magnet in a fluorescent blue plastic case, bears S. 45° W., 15 lks. dist., buried 18 ins. below the ground.

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

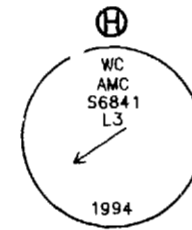


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A magnet in a fluorescent orange plastic case, bears N. 45° W., 15 lks. dist., buried 18 ins. below the ground.

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



Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. as shown, from which

A magnet in a metallic silver plastic case, bears N. 45° E., 15 lks. dist., buried 18 ins. below the ground.

A magnet in a fluorescent blue plastic case, bears S. 45° W., 15 lks. dist., buried 18 ins. below the ground.

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

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 7.0 ft. in the ground, S. 45° E., 15 lks. dist., with an orange triangular marker on the top.

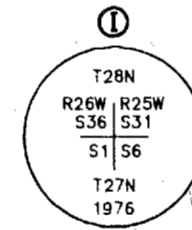


Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. as shown, from which

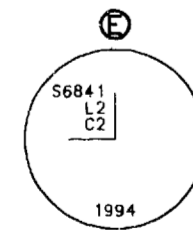
A magnet in a fluorescent pink plastic case, bears S. 45° E., 15 lks. dist., buried 18 ins. below the ground.

A magnet in a fluorescent blue plastic case, bears S. 45° W., 15 lks. dist., buried 18 ins. below the ground.

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



Recovered an iron pipe, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. as shown.



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

A magnet in a metallic silver plastic case, bears N. 45° E., 15 lks. dist., buried 18 ins. below the ground.

A magnet in a fluorescent pink plastic case, bears S. 45° E., 15 lks. dist., buried 18 ins. below the ground.

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

Drive an alum. rod, 9 ft. long, 3/4 in. diam., 7.0 ft. in the ground, N. 45° W., 10 lks. dist., with an orange triangular marker on the top.

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

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

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

For the Director

*James D. Pinkerton*  
Deputy State Director for Cadastral Survey, Alaska  
Date April 26, 1995