

14(c) Survey Example Tracts

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UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management
Alaska State Office
Division of Cadastral Survey
222 W. 7th Avenue
Anchorage, Alaska

SPECIAL INSTRUCTIONS

Copper Center
Alaska

July 13, 1993

These Special Instructions provide for the survey of lands identified by AHTNA, Inc., a village corporation, to be reconveyed under Section 14(c) of the "Alaska Native Claims Settlement Act" (ANCSA).

In the execution of this survey the assigned surveyor is authorized and directed to make the described examination, retracements, re-establishment of points of control, surveys, and resurveys, as may be necessary, to survey the parcels identified by AHTNA Incorporated, for their ANCSA 14(c) reconveyances. The surveyor will be guided by the Manual of Surveying Instructions, 1973, hereinafter referred to as the Manual, the Alaska State Office ANCSA 14(c) Survey Handbook (March 17, 1992), the Alaska State Office Field Surveys Handbook (April 2, 1990), the provisions of the following Special Instructions, and such supplemental instructions as may be issued during the progress of work.

AUTHORITY

This survey is authorized by Section 13 of ANCSA Public Law 92-203 (85 Stat. 688, 702, 703), dated December 18, 1971, and will be executed according to the approved Copper Center ANCSA 14(c) Map of Boundaries, submitted Plan of Survey, Appendices A through D and these Special Instructions.

APPROPRIATION

Costs of this survey are payable out of the current Management of Lands and Resources appropriation in accordance with administrative requirements. Work/job codes for accounting purposes will be specified in the Assignment Instructions.

LIMIT AND CHARACTER OF WORK

This survey is limited to the establishment of the boundaries of the ANCSA 14(c) Tracts/Blocks/Lots/Rights-of-Way, for location purposes, ties to appropriate monuments of nearby surveys, corners of the rectangular survey system, or control monuments for location purposes, and the retracement and/or dependent resurvey of any contiguous survey(s) that are not in federal ownership to the extent necessary to execute this survey.

HISTORY OF SURVEYS

The Principal Meridian of the Copper River Meridian, was surveyed in 1905, and portions resurveyed in 1911.

A portion of the north boundary of Township 2 North, Range 1 West, Copper River Meridian, was surveyed in 1910.

A portion of the south boundary and portions of the subdivisional lines, U.S. Experimental Station Reserve and School Reservation of Township 2 North, Range 1 West, Copper River Meridian, were surveyed in 1911.

A portion of the south boundary and portions of the subdivisional lines of Township 2 North, Range 1 East, Copper River Meridian, were surveyed in 1911.

The position of Initial Point for the Copper River Meridian was reestablished by a tie to GLO BASE 1944 in the 1950's.

U.S. Survey No. 2186, located southeasterly of and contiguous with the ANCSA 14(c) Lot 1 of this survey, was surveyed in 1935.

U.S. Survey No. 10633, located contiguous with ANCSA 14(c) Lots 10, 11 and 12 of this survey, was surveyed in 1992. This parcel is the School Site as identified on the Map of Boundaries.

Partial Subdivision Kluti-Kaah Corporation Property, Plat No. 79-21, Chitina Recording District, State of Alaska, located northerly of ANCSA 14(c) Lot 35 of this survey, was surveyed in 1979.

AHTNA Subdivision, Plat No. 83-15, Chitina Recording District, State of Alaska, located northwesterly of ANCSA 14(c) Lot 35 of this survey, was surveyed in 1982.

Copper Basin Housing Authority V. Sabon Property, Plat No. 83-18, Chitina Recording District, State of Alaska, located contiguous with ANCSA 14(c) Lots 24, 25 and 28 of this survey, was surveyed in 1982.

Copper Basin Housing Authority Roy S. Ewan/AHTNA, Inc. Property, Plat No. 86-04, Chitina Recording District, State of Alaska, located contiguous with Plat No. 83-18 and ANCSA 14(c) Lot 28 of this survey, was surveyed in 1985.

As-Constructed Plans for the Richardson Highway, Fairbanks to Valdez, Section F, was surveyed for Bureau of Public Roads, in 1951-1952.

METHOD AND ORDER OF PROCEDURE

Portions of the ANCSA 14(c) reconveyances on the Map of Boundaries for Copper Center, Alaska, are on lands conveyed from the United States of America by Patent No. 50-80-0108, dated July 18, 1980, transferring the surface estate to Kluti-Kaah Corporation. Patent No. 50-83-0055, dated January 14, 1983, conveyed portions of the surface estate to AHTNA, Incorporated as successor in interest to Kluti-Kaah Corporation. Interim Conveyance No. 346, dated July 18, 1980, interim conveyed portions of the surface estate to Kluti-Kaah Corporation.

The Map of Boundaries and Resolution Agreement Nos. 92-1, 92-4, and 92-2, which was amended by Resolution No. 93-7 for Copper Center were accepted May 14, 1993. This is also the "official filing date" that began the one-year statute of limitations proclaimed by Public Notice, pursuant to ANILCA Section 902(b).

This ANCSA 14(c) survey is situated in the vicinity of the village of Copper Center, Alaska, within Townships 2 North, Ranges 1 East and 1 West, Copper River Meridian. This survey also includes 1 remote ANCSA 14(c) (1) claim situated within Section 14, Township 2 North, Range 1 West, Copper River Meridian.

The intent of the ANCSA 14(c) survey is to have the reconveyance parcels surveyed in the same relative configurations, positions and sizes as shown on the submitted and approved Copper Center Map of Boundaries, in as much as ground conditions allow.

The execution of the ANCSA 14(c) survey will be done in accordance with the attached Copper Center Map of Boundaries, the submitted AHTNA Plan of Survey, Appendices A through D, other supporting information, and these Special Instructions.

The bearings and distances on the submitted AHTNA Plan of Survey are approximate metes-and-bounds descriptions and are not meant to specifically control the actual field survey unless retracements of record bearings and distances are necessary. Staking and flagging was completed by corporation representatives and will control the location and size of each parcel. Any lot located along the centerline or right-of-way of the Richardson Highway will incorporate curves to follow the "As Constructed Plans" for the Richardson Highway, Fairbanks to Valdez, Section F, Bureau of Public Roads, 1951-1952.

Lot numbers have been assigned to the ANCSA 14(c) parcels for identification purposes. They are subject to change per the actual field survey, with any new designators and/or additional corners being assigned by the field surveyor.

The surveyor assigned is authorized to make minor adjustments to the Copper Center ANCSA 14(c) survey due to unexpected conditions found during the course of the field survey and to avoid creating unmanageable slivers or strips of land. Any major amendment will be reviewed and approved by AHTNA, Incorporated, and documented, submitted to, and coordinated with the ANCSA 14(c) Specialist.

U.S. Surveys, Department of Transportation surveys and State recorded surveys will be retraced and/or dependently resurveyed to the extent necessary to execute this survey and labeled accordingly on the final ANCSA 14(c) plat. It will not be necessary to record a dependent resurvey as part of the Public Land records, because the lands involved with the ANCSA 14(c) reconveyances have been transferred to private ownership with no further public land interests in the area.

If a corner of the public land survey system used in the execution of this survey needs either rehabilitation or remonumentation, the surveyor is hereby given the authority to rehabilitate or remonument the corner.

ANCSA 14(c) cap markings will not be added to existing Public Land Survey corners which are identical with corners of or on lines common with lines of an ANCSA 14(c) survey. However, if a monument of an approved Public Land Survey is determined to be destroyed, it will be reset and the new markings will replicate the original markings as well as identify the new ANCSA 14(c) lot. A new ANCSA 14(c) corner which falls on a U.S. Survey line will include both "USS" and "ANCSA 14(c)" markings.

If a recovered private survey monument of record has legible cap markings and is in good condition, the ANCSA 14(c) cap markings will not be added, and the corner will be labeled recovered on the recorded ANCSA 14(c) survey plat. If the monument is lost and/or destroyed or consists only of a rebar without a cap, the corner will be remonumented with an ANCSA 14(c) monument, and the cap will include the original markings as well as the markings for the ANCSA 14(c) survey. If the corner is remonumented with a primary monument, the rebar will be buried alongside the new monument.

Typical ANCSA 14(c) primary and secondary monumentation can be used for this survey. Monuments to be set in the asphalt roadway of the Old Richardson Highway will be PK nails, in order to minimize damage to the road surface. Two (2) accessories will be taken for each primary monument set. Though it will not be necessary to take accessories for the secondary monuments set, this decision is left to the discretion of the assigned surveyor. See: ANCSA 14(c) Survey Handbook, Chapter V.

Staking of lot corners will control the corner positions of this survey and may change the submitted Map of Boundaries.

"AI-1" will be the cap marking for the Village Corporation identification.

The noncontiguous tracts of this survey will either be tied together or a tie will be made to the nearest practical published Public Land Survey System corner or to a horizontal control station. All ties will be executed and verified in accordance with the Field Surveys Handbook. If the corner tied to is of an unapproved survey or a geodetic control station, the datum used and the revised value used in determining the geographic position of this survey will be noted on the final plat.

ANCSA 14(c) surveys will show bearings to the nearest minute, distances to the hundredth of a foot, and areas expressed to the nearest hundredth of an acre. All distances shown on ANCSA 14(c) survey plats will be in feet only.

ANCSA 14(c) surveys will be executed within a closure limit of 1:2560. If limits of closure are unattainable, bearings may be carried out to seconds. See: Manual, Section 7-35.

Calls will be made to all roads or trails crossed by survey lines.

It will not be necessary to blaze the true line of this survey.

Witness points will be established on all lines that exceed 2970.00 feet in length, in accordance with the Manual.

Ties to improvements will not be necessary unless they are needed as corner accessories. Additional requests for ties to improvements made by a Village Corporation ANCSA 14(c) Representative prior to or during the field survey will be documented and approved through the ANCSA 14(c) Specialist before incorporating into the ANCSA 14(c) survey.

Monuments along the centerline of the roads will be set at the intersections of other streets and at the points of curvature and tangency. Cap markings for a centerline traverse will use sequential numbering. Monuments will not be set on the right-of-way, except where parcel boundaries are common to the right-of-way, or specifically requested. The street name and the declared width for the rights-of-way will be denoted on the final plat. See: ANCSA 14(c) Survey Handbook, Chapter V.

A portion of the northwesterly right-of-way of Hector Ewan Street will be surveyed from the most southerly corner of Plat No. 86-04, westerly to the intersection with the easterly right-of-way of Chisana Street to delineate the boundaries of Lots 37 and 38. Monuments along Hector Ewan Street are only required on the northwesterly right-of-way. Although the street will be surveyed in order to design curves, the street itself will not be portrayed on the final plat.

The utility easements shown on the Map of Boundaries and the AHTNA Plan of Survey will be represented on the final plat.

It will be necessary to subdivide U.S. Survey No. 2186 into three (3) lots to accommodate that portion of ANCSA 14(c) Lot 1 overlapping the existing survey and the Airport Tract.

U.S. Survey No. 2186, Lot 1: Airport Tract Selection, 14(c) (3)

U.S. Survey No. 2186 will be subdivided to accommodate the Airport Tract overlapping that portion of the existing survey, as shown on the AHTNA Plan of Survey. The most westerly line of Lot 1 will be parallel with line 4-5 of the original survey. If the parcel has not been staked and flagged, the area will not exceed 5.05 acres.

U.S. Survey No. 2186, Lot 2 and
ANCSA 14(c) Lot 1: Jim McKinnley, 14(c) (1)

The location of the entire ANCSA 14(c) Lot 1 will be determined by the stakes set and flagged by corporation representatives. U.S. Survey No. 2186 will be subdivided to accommodate that portion of ANCSA 14(c) Lot 1 overlapping the existing survey. The area will be determined at the time of the survey.

U.S. Survey No. 2186, Lot 3:

The remaining portion of U.S. Survey No. 2186.

ANCSA 14(c) Lot 3: Marie McConkey, 14(c) (1)

The location of Lot 3 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be established on the centerline of the Old Richardson Highway. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 4: Sam George, 14(c) (1)

The location of Lot 4 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be established on the centerline of the Old Richardson Highway, and the most southerly boundary will be identical with the northerly boundary of Lot 3. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 5: Mary George, 14(c) (1)

The location of Lot 5 will be determined by the stakes set and flagged by corporation representatives. The most westerly boundary will be established on the centerline of the Old Richardson Highway, identical in part with the easterly boundary of Lot 4. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 6: Bacille George, 14(c) (1)

The location of Lot 6 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be established on the centerline of the Old Richardson Highway, and the most southerly boundary identical with the northerly boundary of Lot 4. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 7: Edna Jordan, 14(c) (1)

The location of Lot 7 will be determined by the stakes set and flagged by corporation representatives. The most westerly boundary will be established on the centerline of the Old Richardson Highway, identical in part with the easterly boundary of Lot 4, and with the easterly boundary of Lot 6. The most southerly boundary will be identical with the northerly boundary of Lot 5. The most northerly boundary will be contiguous with the southerly right-of-way of an existing private road. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 8: Bacille Jackson, 14(c) (1)

The location of Lot 8 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be established on the centerline of the Old Richardson Highway, identical in part with the westerly boundary of Lot 7. The most southerly boundary will be identical with the northerly boundary of Lot 6. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 9: Sophia Lincoln, 14(c)(1)

The location of Lot 9 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be established on the centerline of the Old Richardson Highway. A portion of the most southerly boundary will be identical with the northerly boundary of Lot 8. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 10: Mary Jackson, 14(c)(1)

The location of Lot 10 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be established on the centerline of the Old Richardson Highway. The most northerly boundary will be identical in part with the southerly boundary of U.S. Survey No. 10633. The most southerly boundary will be identical in part with the northerly boundary of Lot 9. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 11: Old Copper Center Community Hall, 14(c)(2)

The location of Lot 11 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be identical with the most westerly boundary of Lot 10. The most northerly boundary will be identical in part with the southerly boundary of U.S. Survey No. 10633. A portion of the most southerly boundary will be identical in part with the northerly boundary of Lot 9. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 12: Copper Center Community Chapel, 14(c)(2)

The location of Lot 12 will be determined by the stakes set and flagged by corporation representatives. Refer to the staking sheet in Appendix B for offset stakes set for this parcel. The most easterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southerly boundary will be identical in part with the northerly boundary of U.S. Survey No. 10633. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 13: John Sabon, 14(c)(1)

The location of Lot 13 will be determined by the stakes set and flagged by corporation representatives. Refer to the staking sheet in Appendix B for offset stakes set for this parcel. The most easterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southerly boundary will be identical with the northerly boundary of Lot 12. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 14: Phillip Sabon, 14(c)(1)

The location of Lot 14 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. A portion of the most southerly boundary will be identical with the northerly boundary of Lot 13. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 15: Ray Stickwan, 14(c)(1)

The location of Lot 15 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southerly boundary will be identical with a portion of the northerly boundary of Lot 14. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 16: Tenas Jack, 14(c) (1)

The location of Lot 16 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southerly boundary will be identical with the northerly boundary of Lot 15. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 17: Pete Ewan, 14(c) (1)

The location of Lot 17 will be determined by the stakes set and flagged by corporation representatives. The terminus of Ewan Way will be monumented at the intersection of centerline and the most westerly boundary of Lot 17. The centerline of a proposed 35 foot wide utility easement intersects the northeasterly boundary. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 18: Martha Jackson, 14(c) (1)

The location of Lot 18 will be determined by the stakes set and flagged by corporation representatives. To protect the privacy of the applicant, the access driveway to Lot 18 will not be surveyed. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 19: Jake Miller, 14(c) (1)

The location of Lot 19 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southeasterly boundary will be approximately 300 feet northerly of the most northerly boundary of Lot 16. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 20: Martha Jackson, 14(c) (1)

The location of Lot 20 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southeasterly boundary will be approximately 250 feet northerly of the most northerly boundary of Lot 19. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 21: Fanny Steinfield, 14(c) (1)

The location of Lot 21 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. A portion of the most southeasterly boundary will be identical in part with the northwesterly boundary of Lot 20. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 22: Andy Brown, 14(c) (1)

The location of Lot 22 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southwesterly boundary will be parallel with and 20 feet from the centerline of McKinnley Lane, which is part of this survey. The most southeasterly boundary will be parallel with and 65 feet from the centerline of Hector Ewan Street, which is also part of this survey. The utility easement contiguous to the most southeasterly boundary will be shown on the final plat. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 23: Marina Montegue, 14(c) (1)

The location of Lot 23 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southwesterly boundary will be parallel with and 20 feet from the centerline of McKinnley Lane, which is part of this survey. The most southeasterly boundary will be identical with the most northwesterly boundary of Lot 22. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 24: Mary Craig, 14(c) (1)

The location of Lot 24 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southwesterly boundary will be identical in part with the most northeasterly boundary of Plat No. 83-18. The most southeasterly boundary will be identical with the most northwesterly boundary of Lot 23. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 25: Hector Ewan, 14(c) (1)

The location of Lot 25 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southwesterly boundary will be identical in part with the most northeasterly boundary of Plat No. 83-18. The most southeasterly boundary will be identical with the most northwesterly boundary of Lot 24. The most northwesterly boundary will be parallel with and 20 feet from the centerline of Wrangell Mtn. Street, which is part of this survey. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 26: Donald Johns, 14(c) (1)

The location of Lot 26 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southeasterly boundary will be parallel with and 20 feet from the centerline of Wrangell Mtn. Street, which is part of this survey. The most northwesterly and westerly boundaries will be parallel with and 20 feet from the centerline of Johns Way, which is part of this survey. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 27: Harry Johns, 14(c) (1)

The location of Lot 27 will be determined by the stakes set and flagged by corporation representatives. The most southerly and easterly boundaries will be parallel with and 20 feet from the centerline of Wrangell Mtn. Street, which is part of this survey. A portion of the most northerly boundary will be common with the southerly end of Johns Way, which is also part of this survey. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 28: Wrangell Mtn. Bible Conference, 14(c) (2)

The location of Lot 28 will be determined by the stakes set and flagged by corporation representatives. The most easterly boundary will be in part identical with the most westerly boundary of Plat No. 86-04. A portion of the most easterly and northerly boundaries will be identical with the southwesterly boundaries of Plat No. 83-18. A portion of the most northerly and westerly boundaries will be parallel with and 20 feet from the centerline of Wrangell Mtn. Street, which is part of this survey. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 29: Jessie Nicholi, 14(c)(1)

The location of Lot 29 will be determined by the stakes set and flagged by corporation representatives. A portion of the most easterly boundary will be parallel with and 20 feet from the centerline of Wrangell Mtn. Street, which is part of this survey. A portion of the most easterly and the most northerly boundaries will be identical with the southwesterly boundaries of Lot 27. The area will be determined at the time of the survey.

ANCSA 14(c) Lots 30 and 31: retained by AHTNA, Inc.

Lots 30 and 31 as portrayed on the Plan of Survey, are corporate inholdings to be combined with other parcels as Lot 38.

ANCSA 14(c) Lot 32: Thelma Johns, 14(c)(1)

The location of Lot 32 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 33: Violet Sabon, 14(c)(1)

The location of Lot 33 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southeasterly boundary will be identical with the northwesterly boundary of Lot 32. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 34: Elizabeth Pete, 14(c)(1)

The location of Lot 34 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. A portion of the most southeasterly boundary will be identical with the northwesterly boundary of Lot 33. The most northwesterly boundary will be parallel with and 20 feet from the centerline of Mentasta Street, which is part of this survey. The most southwesterly boundary will be parallel with and 20 feet from the centerline of Chisana Street, which is part of this survey. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 35: Lloyd Bell, 14(c)(1)

The location of Lot 35 will be determined by the stakes set and flagged by corporation representatives. The most northeasterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The most southeasterly boundary will be parallel with and 20 feet from the centerline of Mentasta Street, which is part of this survey. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 36: Cecelia Larson, 14(c)(1)

The location of Lot 36 will be determined by the stakes set and flagged by corporation representatives. The most southwesterly boundary will be parallel with and 50 feet from the centerline of the Old Richardson Highway. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 37: retained by AHTNA, Inc.

Lot 37 will be bounded by a portion of the northwesterly right-of-way of Hector Ewan Street, the southwesterly boundary of McKinnley Building Lot (Plat No. 86-04), the southwesterly boundary of Lot 28 and a portion of the southeasterly right-of-way of Wrangell Mountain Street. The area will be determined at the time of the survey.

ANCSA 14(c) Lot 38: retained by AHTNA Inc.

Lot 38 will be bounded by a portion of the northwesterly right-of-way of Hector Ewan Street, a portion of the easterly right-of-way of Chisana Street, a portion of the southeasterly boundary of Lot 34, the southwesterly boundary of Lot 33, the southwesterly and southeasterly boundaries of Lot 32, a portion of the Old Richardson Highway, the westerly right-of-way of Johns Way, the northerly and westerly boundaries of Lot 27, the westerly and southerly boundaries of Lot 29, and a portion of the westerly right-of-way of Wrangell Mountain Street. The area will be determined at the time of the survey.

ANCSA Survey Tract A: Lucille Brenwick, 14(c) (1)

The location of Tract A will be determined by the stakes set and trees flagged by corporation representatives. The most easterly boundary will be approximately one half (1/2) mile from Milepost No. 6 of the Klutina Road. A corner of Tract A will be field tied to an existing approved corner of the Public Land Survey System or a Geodetic Control Station. The driveway accessing this parcel will be reserved by AHTNA, Inc. The area will be determined at the time of the survey.

ANCSA Survey Tract B: Community Expansion, 14(c) (3)

The location of Tract B will be determined by the stakes set and flagged by corporation representatives. The most westerly boundary will be established on the centerline of the Old Richardson Highway. The area will be approximately 19 acres.

Rights-of-Way:

Ewan Way will be surveyed along the apparent centerline of the existing road. Beginning at a point on the centerline of the Old Richardson Highway, easterly approximately 240 feet to the intersection with the northwesterly boundary of Lot 17. The final plat will denote a 40 foot wide right-of-way.

Jackson Place will be surveyed along the apparent centerline of the existing road. Beginning at the intersection with Ewan Way, northerly approximately 1000 feet to the intersection with the southeasterly boundary of the Tract B, the Community Expansion parcel. The most easterly edge of the right-of-way will terminate at the most easterly corner of the Tract B. The final plat will denote a 40 foot wide right-of-way.

Hector Ewan Street will be surveyed along the apparent centerline of the existing road. Beginning at a point on the centerline of the Old Richardson Highway, southwesterly and perpendicular to the Old Richardson Highway, approximately 420 feet to the intersection with the centerline of McKinnley Lane. The final plat will denote a 40 foot wide right-of-way.

McKinnley Lane will be surveyed as shown on Plat No. 86-04.

Wrangell Mountain Street will be surveyed along the apparent centerline of the existing road. Beginning at a point on the centerline of the Old Richardson Highway, southerly approximately 795 feet to within 20 feet of the intersection with the northeasterly boundary of Lot 28. The extension will be surveyed westerly and parallel with the northerly boundary of Lot 28, approximately 220 feet; thence southwesterly and parallel with the westerly boundary of Lot 28, approximately 1275 feet to the intersection with the northwesterly right-of-way of Hector Ewan Street. The final plat will denote a 40 foot wide right-of-way.

Johns Way can be surveyed with angle points in order to include all the improvements within Lot 26. Beginning at a point on the centerline of the Old Richardson Highway, southwesterly approximately 370 feet to the intersection with a portion of the northerly boundary of Lot 27. The final plat will denote a 40 foot wide right-of-way.

Mentasta Street will be surveyed in part along the apparent centerline of the existing road. Beginning at a point on the centerline of the Old Richardson Highway, westerly and parallel with the northerly boundary of Lot 34, extended approximately 1540 feet. The final plat will denote a 40 foot wide right-of-way.

Chisana Street is a new road and will be surveyed along the centerline. Beginning at a point on the centerline of Mentasta Street, thence southeasterly, parallel with and 20 feet from the most westerly boundary of Lot 34, approximately 670 feet, thence southwesterly, parallel with the most westerly boundary of Lot 28, approximately 2160 feet to the intersection with the centerline of Hector Ewan Street. The final plat will denote a 40 foot wide right-of-way.

Nadina Street Extension is a new street and will be monumented similar to adjacent streets according to Plat Nos. 79-21 and 83-15, and no centerline monuments will be necessary. Beginning at the westerly right-of-way monument at the terminus of Nadina Street, and identical with the most northeasterly corner of Tract B; thence northeasterly on a bearing to the most southeasterly corner of the Elderly Housing, approximately 270 feet to the most southerly boundary of the unnamed right-of-way, common with a portion of the northerly boundary of the Community Hall parcel. The easterly right-of-way will be parallel with and 60 feet from the westerly right-of-way. The final plat will denote a 60 foot wide right-of-way..

Walter Charlie Avenue will be monumented along the right-of-way, 20 feet each side of the apparent centerline of the existing road, at its intersections with the rights-of-way of Klawasi and Nadina Streets. The final plat will denote a 40 foot wide right-of-way.

The surveyor assigned will identify the lots created in the Community Hall parcel of Plat No. 79-21 by the Nadina Street Extension and Walter Charlie Avenue.

Utility Easements:

An easement, 35 feet wide, located between Chisana and Wrangell Mountain Streets will be platted from the southeasterly boundary of Lot 34 and the most westerly corner of Lot 33 and extend along the southwesterly boundaries of Lots 32 and 33, thence on the same bearing as the northwesterly boundaries of Lots 27 and 29 to the northwesterly right-of-way of Hector Ewan Street.

An easement, 35 feet wide, will be platted along the northwesterly right-of-way of Mentasta Street from the southwesterly boundary of Lot 35, approximately 850 feet to the terminus of Mentasta Street.

An easement, 35 feet wide, will be platted from a point on the right-of-way of the Old Richardson Highway, along the northwesterly right-of-way of Hector Ewan Street, to the intersection with the easterly right-of-way of McKinnley Lane. This easement is not to be included in Lot 22.

An easement, 35 feet wide, will be platted between Lots 17 and 18, in the location of the stakes set and flagged by corporation representatives. A tie shown on the plat will be sufficient for location purposes.

The assigned surveyor will notify the ANCSA 14(c) Specialist (AK-923) when the estimated survey commencement date is known for the Copper Center 14(c) Survey to review the status of the Special Instructions for any possible last minute adjustments and/or changes.

Authorized ANCSA 14(c) Representatives familiar with the Copper Center ANCSA 14(c) claims and/or selections:

Joeneal R. Hicks
Homesite Project Mngr.
P.O. Box 649
Glennallen, AK 99588
(907) 822-3476

John L. Devenport
Land & Resource Mngr.
P.O. Box 649
Glennallen, AK 99588
(907) 822-3476

DIAGRAMS AND SUPPLEMENTAL DATA

Data pertinent to this survey will be furnished and include copies of maps, plats, field notes, horizontal control data, master title plats, and interim conveyances and patents for the surface estate to AHTNA, Inc. The Copper Center ANCSA 14(c) Map of Boundaries (1 sheet), and the submitted Plan of Survey (1 sheet) will be attached to and made a part of these Special Instructions. If additional information is needed, it will be furnished upon request.

FIELD NOTES, PLATS, AND REPORTS

A sketch plat shall be maintained during the survey in the field showing pertinent topography, adjacent surveys, required ties, and closures of areas surveyed under these instructions. The survey shall be reviewed for correctness and completeness in the field.

The field books, sketch plat(s), calculation sheets, and other data applicable to this survey will be submitted to the Chief, Branch of Field Surveys (AK-921).

The final ANCSA 14(c) survey record will be plat only format. Field notes will only be used in special cases, which must have prior approval by the Bureau of Land Management (BLM) Cadastral Survey Management Team.

All sketch plat(s) and supporting survey information will be reviewed within the Branch of Field Surveys (AK-921) prior to submittal to the Branch of Examination and Records (AK-922).

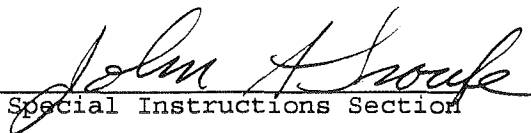
Sheet No. 1, a cover sheet of the ANCSA 14(c) Survey for Copper Center will consist of the ANCSA 14(c) Survey title, plat memorandum, the required signature blocks, any pertinent notes to the particular survey, and an overview diagram that outlines all of the ANCSA 14(c) Survey at Copper Center.

The signature and date blocks will be shown on sheet No. 1 only. The statement blocks will be for the Cadastral Surveyor's certification, the Village Corporation's affidavit, and acceptance by the Deputy State Director (DSD) for Cadastral Survey. The assigned Cadastral Surveyor and the Village Corporation President will attest their signatures prior to the DSD for Cadastral Survey. The DSD will sign and date the final plat for BLM's approval of the cadastral survey and compliance with the requirements of Section 14(c) of the Alaska Native Settlement Claims Act. See: ANCSA 14(c) Survey Handbook, Chapter VI-9.

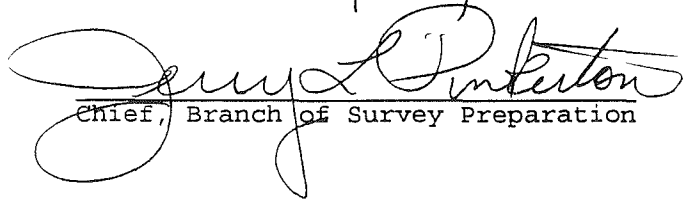
The approved ANCSA 14(c) plat(s) for Copper Center will be officially recorded with the State of Alaska, and filed in the Chitina Recording District.

MODIFICATION OF INSTRUCTIONS

Should conditions arise appearing to demand additional instructions, require interpretation of these instructions, or which make these instructions inapplicable, a report will be submitted promptly to the Chief, Branch of Survey Preparation (AK-923), describing the situation with recommendations to resolve such problems.


Chief, Special Instructions Section

Approved Date: Sept. 1, 1993


Chief, Branch of Survey Preparation