

DEPARTMENT OF FISH AND GAME

INTER-OFFICE ROUTE SLIP

- Headquarters Fairbanks-Reg. III
 Juneau-Region I Kodiak-Region IV
 Anchorage-Reg. II Nome-Region V
 Other: _____

___ Sport Fish ___ Game Habitat ___ Admin.

___ Comm Fish ___ FRED ___ Comm.Off. ___ I & E

Attention: Stewart Seaberg

- For your info Circulate
 Comment & return Action

Remarks: *Spot Fish will have more on the Δ Cleanwater soon & hopefully a full survey next summer.*

FROM Habitat/Fbks. DATE 10-11-85
11-47(11/78)

State of Alaska
 Department of Fish and Game
 Nomination for Waters
 Important to Anadromous Fish

1986
 Year of Revision

86-412

Anadromous Water Catalog Volume 6
 USGS Quad Big Delta A-3 95
 Name of Waterway DELTA-Clearwater
 Anadromous Water Catalog Number of Waterway 334-40-11000-2490 - (?) 3416

Change to Atlas
 Catalog
 Both
 Addition
 Deletion
 Correction
 Name addition:

ALASKA DEPT. OF
 FISH & GAME
 OCT 15 1985
 REGION II
 HABITAT DIVISION

For Office Use	
Nomination #	
<u>Al. Hett</u> Regional Supervisor	<u>10-2-85</u> Date
<u>OK STS</u>	<u>11/20/85</u>
<u>TB</u> Drafted	<u>10/22/85</u> Date

USGS name _____
 Local name Remington Springs

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>Coho Salmon</u>	<u>10-2-85</u>	<u>X</u>	<u>X</u>	<u>X</u>

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

SEE ATTACHED TRIP REPORT INCLUDING MEMORANDUM FROM ADPDR (SPONT FISH), RECOMMEND USING ELPSE TO IDENTIFY THE AREA

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) ALVIN G. OTT, TONY BOITH, AL TOWNSEND
 Date: 10-7-85 Signature: R Hett, Alvin G. Ott, Tony Boith, Al Townsend
 Address: 565 Univ Avenue
Fbx, AK 99701
 Signature of Area Biologist: Richard Pickman

MEMORANDUM

State of Alaska

TO: Carl Yanagawa, Regional Supervisor
Habitat Division
Department of Fish and Game

DATE: October 3, 1985

FILE NO:

TELEPHONE NO: 479-0881

FROM: *Alvin G. Ott*
Alvin G. Ott, Regional Supervisor
Habitat Division
Department of Fish and Game

SUBJECT: Delta-Clearwater
(Trip Report and
Nomination for the
Catalog)

On October 2, 1985, a field trip was made to the Delta-Clearwater to inspect a proposed subdivision referred to as Remington Estates. Tony Booth (USFWS), Al Townsend and myself spent approximately four (4) hours walking (Attachment 1 - Location of Survey) through the proposed subdivision. Observations (visual and dipnet collections) were made throughout the area surveyed and results are summarized below:

- (1) Coho salmon adults were utilizing several of the spring water channels and active spawning (i.e., redds) was observed;
- (2) Coho salmon juveniles (apparently two age classes) were numerous in all areas observed (e.g., single dipnet samples often captured 5 to 10 coho salmon juveniles). In many calm water areas (i.e., surface area of less than 10-square feet) with some form of cover, numbers of coho salmon juveniles were frequently estimated at over 100;
- (3) Arctic grayling and slimy sculpin, although not numerous, also were observed.

Location of proposed roads in the subdivision are delineated in Attachment #2. In addition, approximate stream drainage patterns and the pond area were drawn on the subdivision plat with footnotes added to illustrate multiple locations where juvenile and adult coho salmon were observed (Attachment #3). A total of 33 adult coho salmon and over 3,000 juvenile coho salmon were observed in the spring water channels, sloughs, and backwater areas within the actual area of the proposed subdivision.

We recommend that the entire area within the floodplain of the Delta-Clearwater (i.e., riparian area streamward of the 12-foot contour) as shown in Attachment #3 be included in the Catalog of Waters Important for the Spawning, Migration or Rearing of Anadromous Fishes utilizing an ellipse to describe the area. It would not be possible to identify individual channels as the entire area was interconnected stream channels, sloughs, and backwater areas.

Attachments (3)

cc: Fred Andersen, CF, Fairbanks
John Clark, SF, Fairbanks

Remington Ranch Estates

Attachment #2

Owner Financing
10% Down Payment
12% Interest

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BACK FILLED TO AK. DEPT.
FISH & GAME REQUIREMENTS

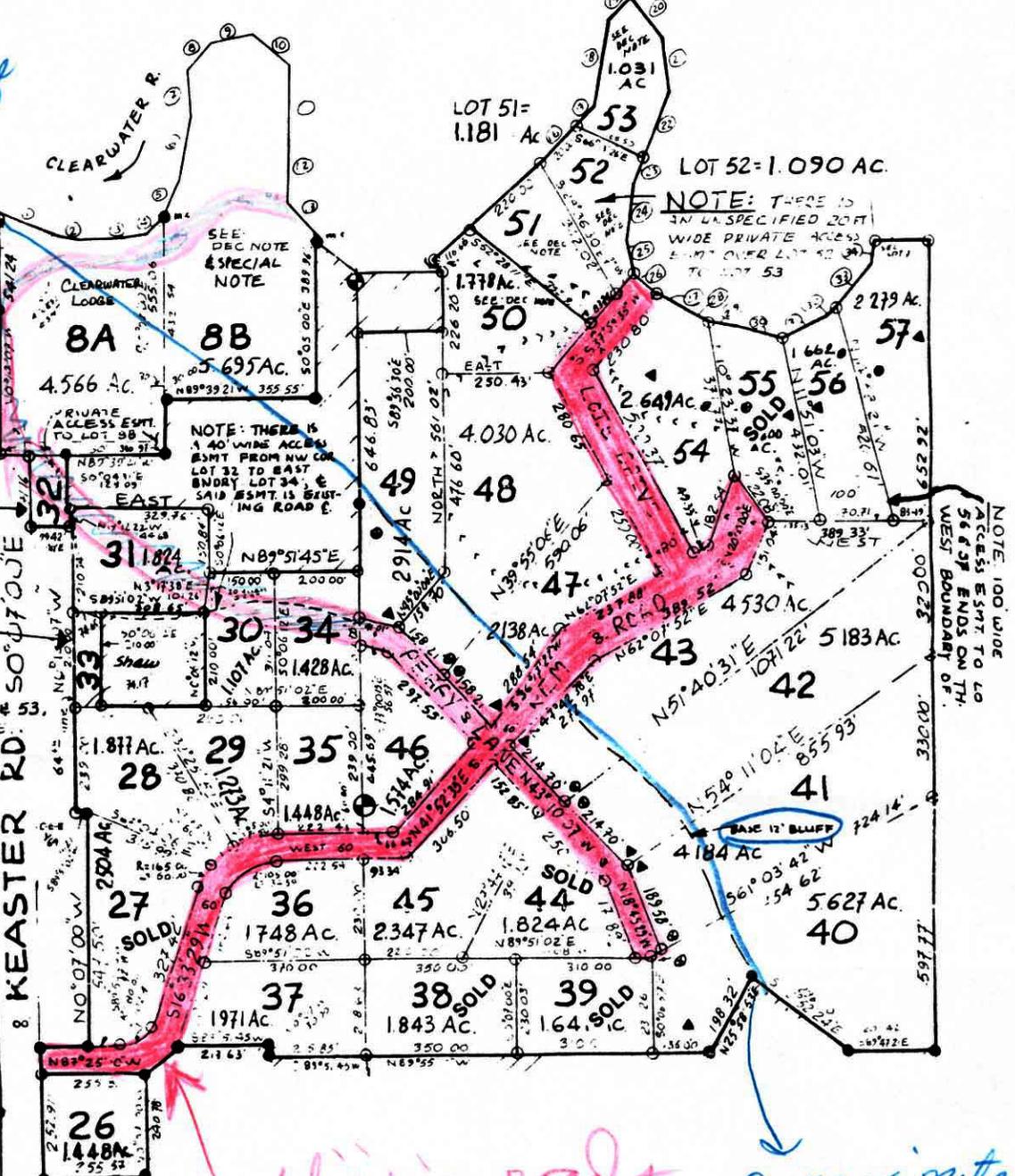
vehicles utilize

MININGTON RD

LOT 32 = 0.340 AC
LOT 33 = 0.359 AC

NOTES
D BE INSTALLED ON LOTS 50, 51, 52 & 53.
FIELD FOR GRAY WATER DISCHARGE
CLEARWATER RIVER.
THE TWO STREAMS (SPRING CRK)
40, 41, 42, 43, 47, 48, 49, 54,
SEE: ABOVE NOTES 2 AND 3)
ICATIONS.
ON ROAD.
F LOTS 40, 41, 42, 43, 47, 48, 49
APPROVAL FOR WELL AND SEPTIC
N PROCEEDS.

250.00'	250.00'	250.00'	250.00'
50°07'00"E	50°07'00"E	50°07'00"E	50°07'00"E
570.13'	570.18'	570.23'	570.28'
23 SOLD 3.272 AC	24 SOLD 3.273 AC	25 SOLD 3.273 AC	
250.00'	250.00'	250.00'	250.00'
UTAWA DRIVE			



subdivision roads
Rem Road
Peggy Lane
Lois Drive

*approximate
12' bluff access
to property*

Remington Ranch Estates

Attachment #3

Owner Financing
10% Down Payment
12% Interest

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FISH & GAME REQUIREMENTS

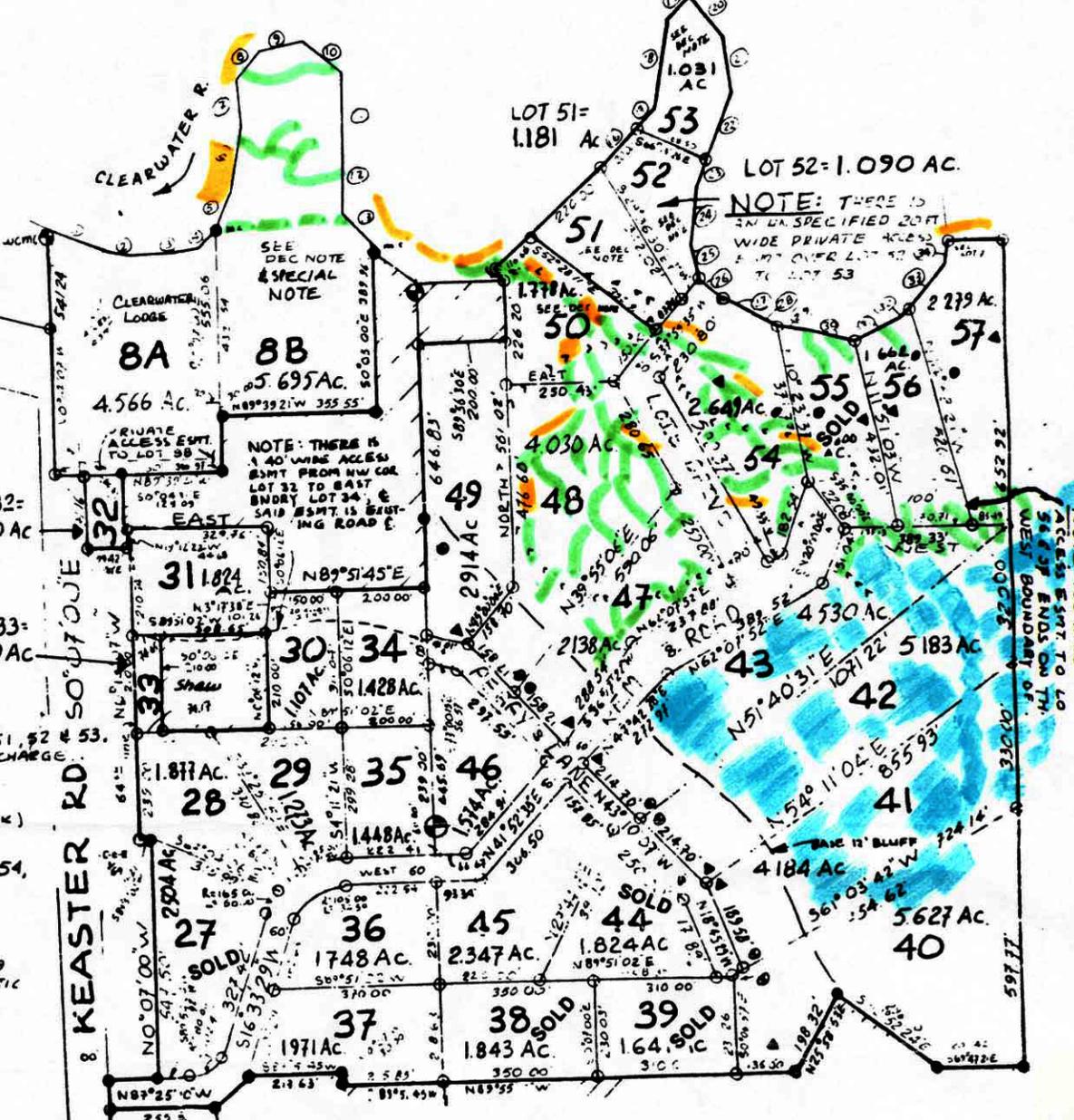
3-26-95
MININGTON RD

LOT 32= 0.340 AC
LOT 33= 0.359 AC

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TO BE INSTALLED ON LOTS 50, 51, 52 & 53.
AL FIELD FOR GRAY WATER DISCHARGE
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THE TWO STREAMS (SPRING CREEK)
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(SEE ABOVE NOTES 2 AND 3)
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APPROVAL FOR WELL AND SEPTIC
ION PROCEEDS.

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250.00'	250.00'	250.00'	250.00'
50°07'00"E	50°07'00"E	50°07'00"E	50°07'00"E
570.13'	570.18'	570.23'	570.28'
250.00'	250.00'	250.00'	250.00'
50°07'00"E	50°07'00"E	50°07'00"E	50°07'00"E
570.13'	570.18'	570.23'	570.28'

ONTANA DRIVE



APPROXIMATE LIMITS OF POND

COHO SALMON JUVENILES
(OBSERVED AND CAPTURED) 10/2/85
APPROXIMATE LOCATIONS

COHO SALMON ADULTS 10/2/85
(OBSERVED)
APPROXIMATE LOCATIONS

MEMORANDUM

State of Alaska

TO: Alan Townsend
Habitat Biologist
Department of Fish & Game
Fairbanks

FROM: Bill Ridder *WR*
Fishery Biologist
Department of Fish & Game
Delta Junction

DATE: October 1, 1985

FILE NO:

TELEPHONE NO: 895-4632

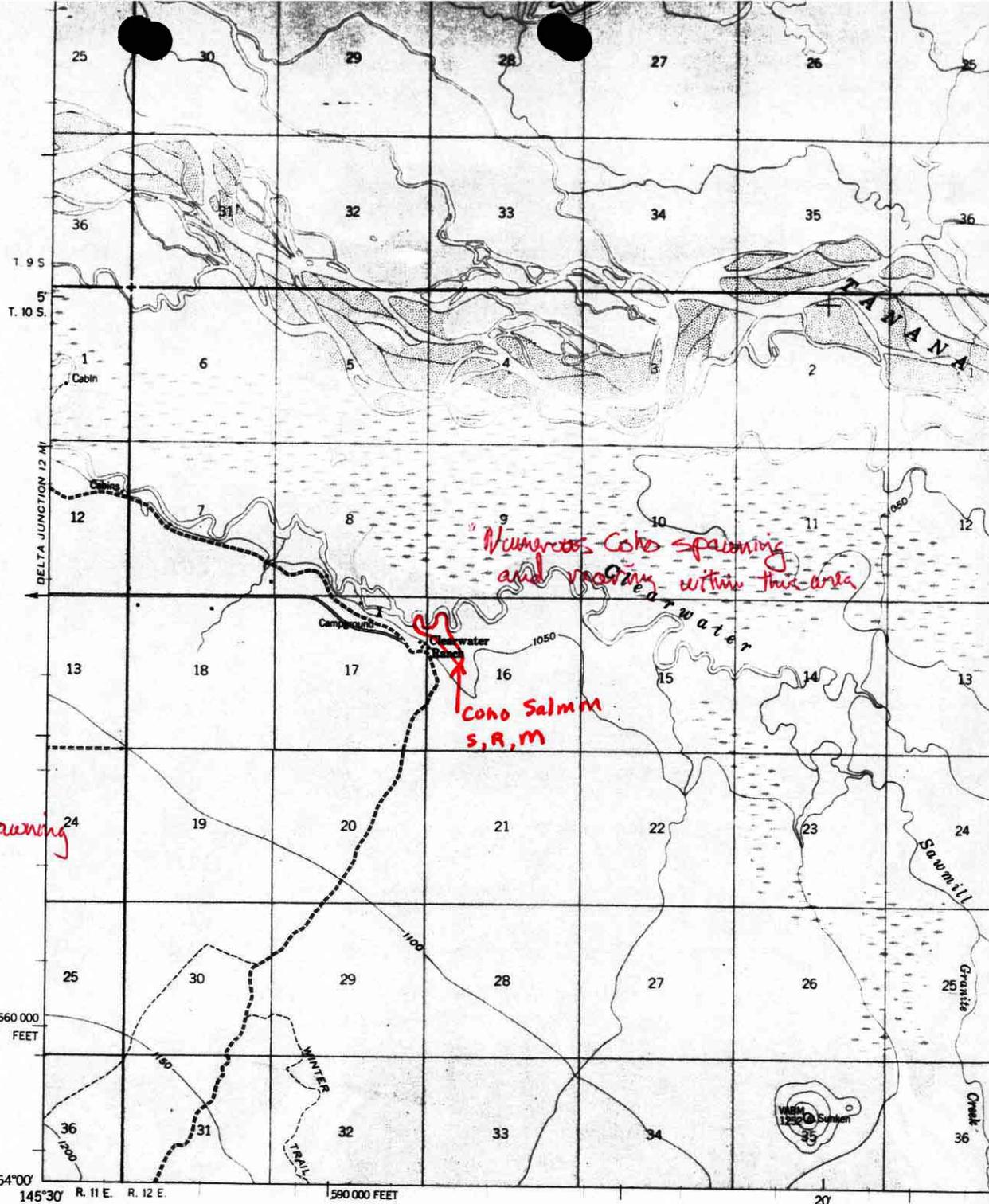
SUBJECT: Coho Use of Spring
Tributaries, Delta
Clearwater River

I have been walking spring tributaries of the Delta Clearwater River since 1976 ostensibly in the pursuit of stocked grayling. I have observed considerably more silvers than grayling in these areas. I think it is safe to say that, at one time or another, they are ubiquitous to all the springs on both sides of the river. Of course, some areas may be more utilized than others. In the five springs that I've frequented I've found the silvers use these areas most heavily during the winter months almost to the exclusion of the main channel which is appreciably colder. In July, they prefer the mouths of the springs and along the margins of the main channel, although some do remain in the springs themselves. Those springs with suitable substrata are also used as spawning areas. I've observed redds, spawning adults, and carcasses in four of the five areas. So I find the present anadromous classification of the river ridiculous in its exclusion of the river's spring tributaries.

For published literature I can immediately mention the annual DJ reports of Study G-111-G: Volume 15, Pearse (1974), pp 44-46; Volume 20, Ridder (1979), p 41; Volume 21, Ridder (1980), pp 50, 76, 80, 92.

There are definitely others that mention silvers but probably few outside of the above that specifically mention spring areas.

enclosure, 1
cc: JHE/ACK



Numerous Coho spawning

Numerous Coho spawning and rearing within this area

Coho Salmon S.R.M

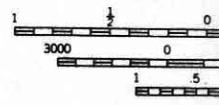
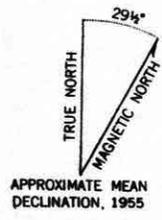
IMT HAYES D-4

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1951, 1952, and 1954, field annotated 1955. Map not field checked
Universal Transverse Mercator projection, 1927 North American datum
10,000-foot grid based on Alaska coordinate system, zone 3
1000-metre Universal Transverse Mercator grid ticks, zone 6, shown in blue

Gray land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management.
Folio F-9, Fairbanks Meridian

Swamps, as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from aerial photographs



FAIRBANKS, A FOLDER