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

1987
Year of Revision

ALASKA DEPT. OF FISH & GAME
OCT 1 1986
REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume Southcentral Region

USGS Quad (59) Tyonek A-4

Name of Waterway Trib of 247-20-10010-2030-3009

Anadromous Water Catalog Number of Waterway _____

Change to _____ Atlas

_____ Catalog

_____ Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name unknown

Local name unknown

For Office Use

Nomination # 86-530

Carl Yanagawa 10/28/86
Regional Supervisor Date

ok SJS 10/31/86

FI 10/29
Drafted Date

| Species | Date(s) Observed | Spawning | Rearing | Migration |
|---|---|---|---|---|
| Coho salmon | 1983 | | X | |
| | | | | |
| | | | | |
| | | | | |

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

Juveniles were captured and recorded by Environmental Research + Technology (ERT) during 1983 aquatic baseline studies conducted for Diamond Shamrock - Chuitna Coal Joint Venture

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.

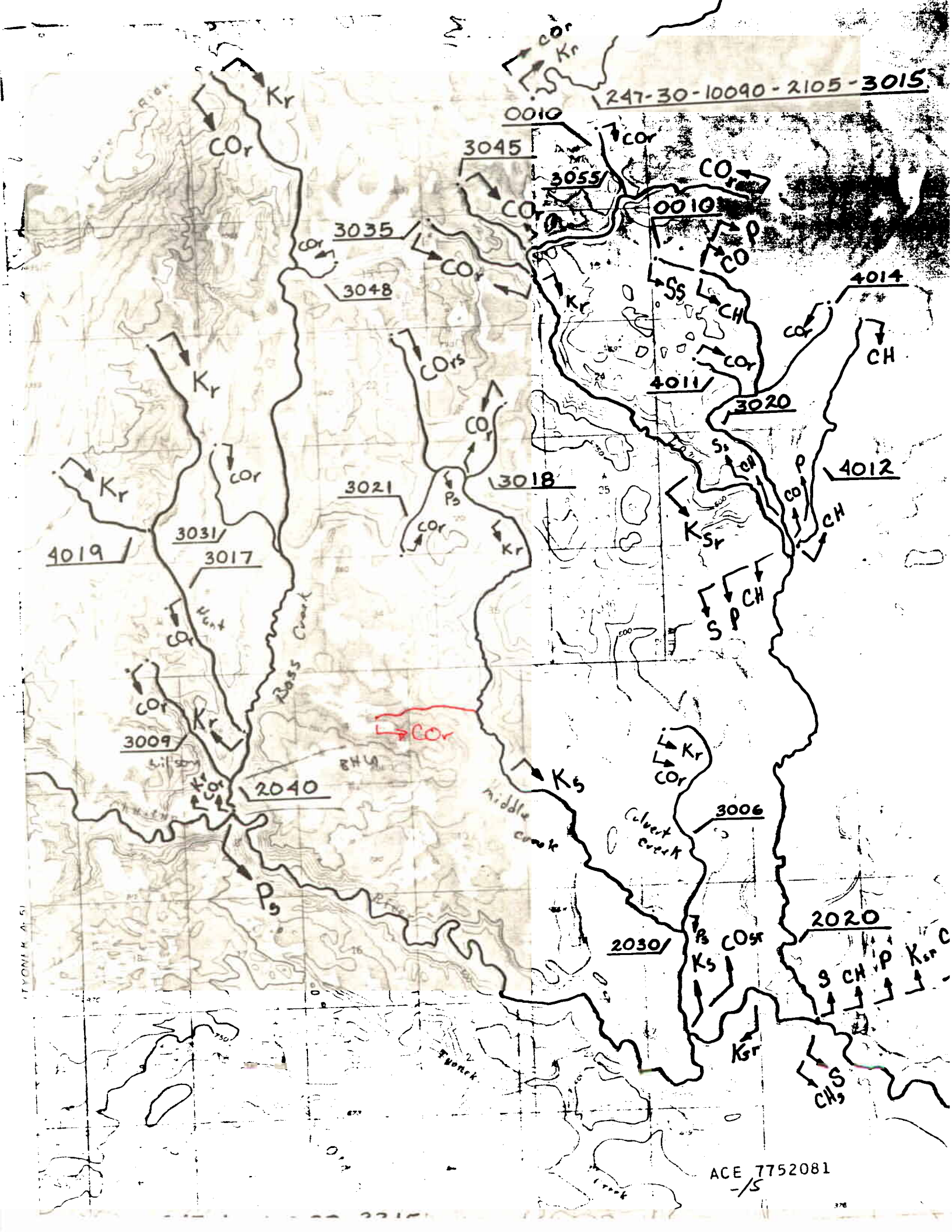
Name of Observer (please print) ERT Consultants

Date: _____ Signature: _____

Address: Fort Collins, Colorado

Signature of Area Biologist: Kevin Delaney

ACE 7752080
4/5/86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3045
3055
0010
3035
3048
4014
4011
3020
4012
3018
3021
4019
3031
3017
3009
2040
3006
2020
2030
Boss Creek
Middle Creek
Calvert Creek
Tyonek
ACE 7752081
-15

# DIAMOND CHUITNA PROJECT

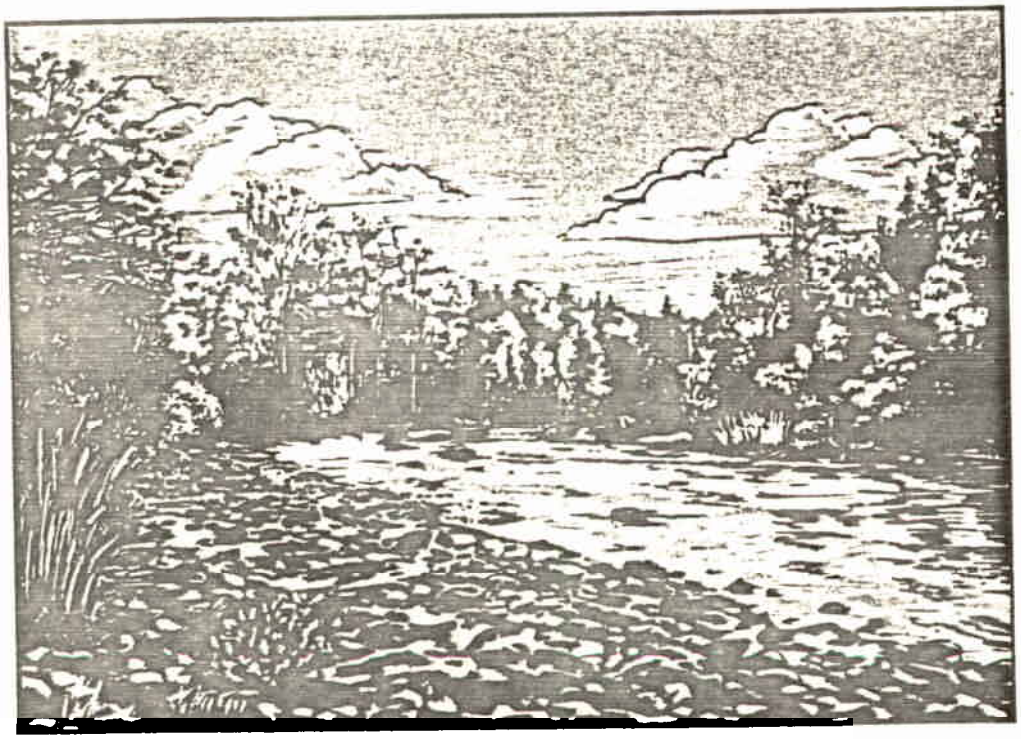
## Aquatic Biology

## Baseline Studies Report

ALASKA DEPT. OF
FISH & GAME
FEB 14 1984
HABITAT
REGIONAL OFFICE

Prepared for

**DIAMOND SHAMROCK - CHUITNA COAL JOINT VENTURE**
Anchorage, Alaska



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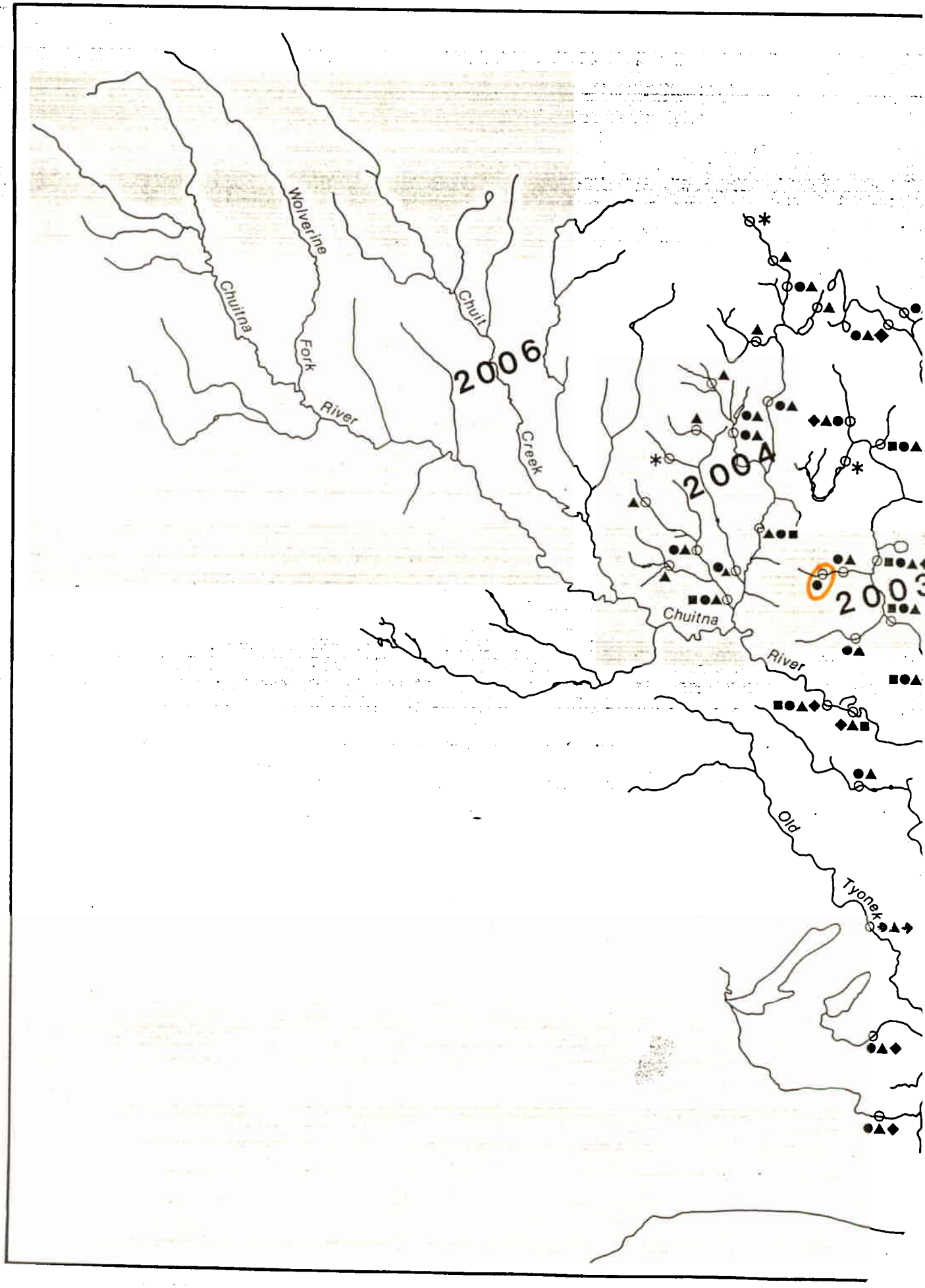
ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC.
Fort Collins, Colorado

Volume I - Text

February 1984

ACE 7752082
+15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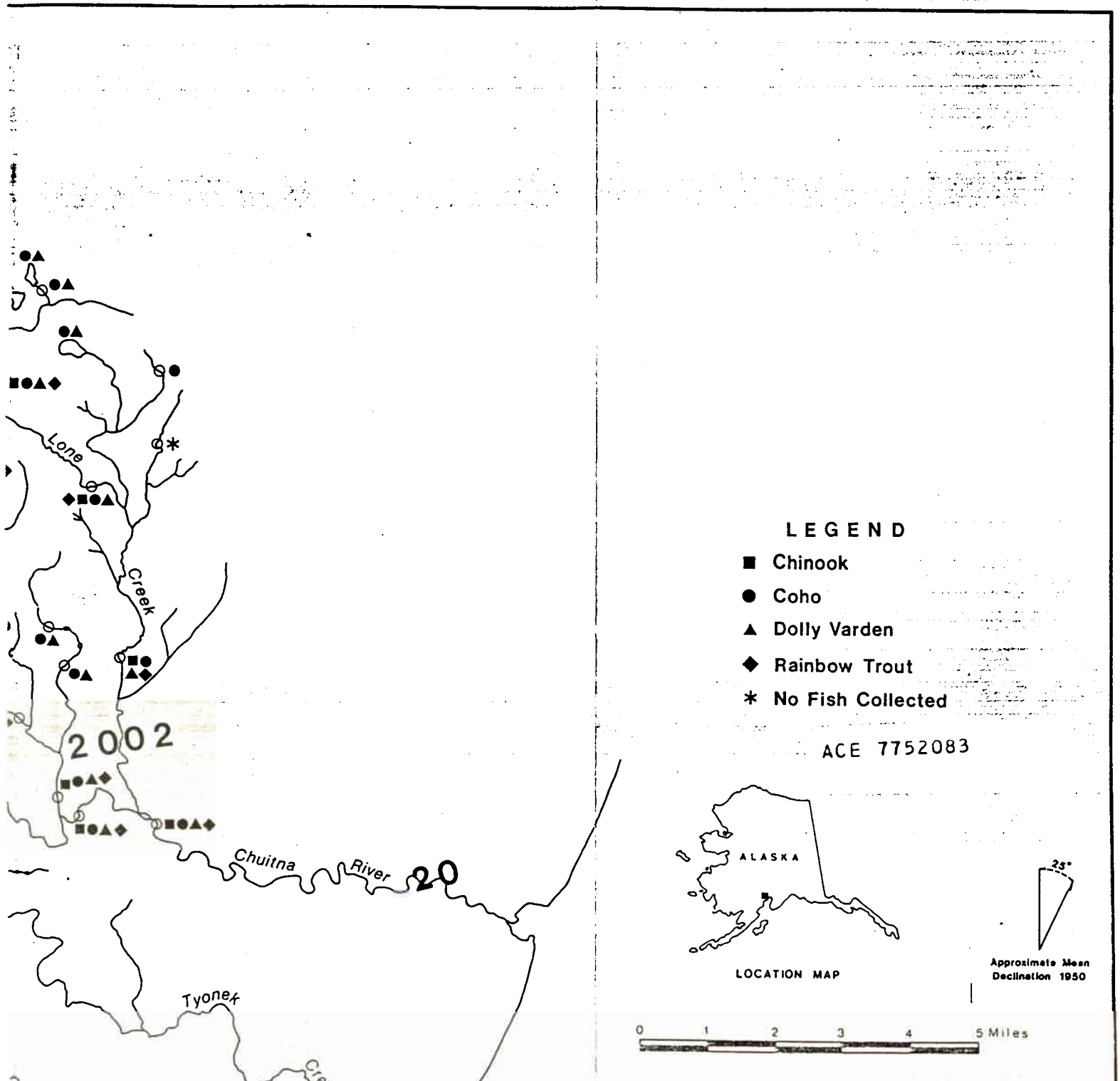
Chuitna
Fork
River
Chuit
Creek
2006
2004
2003
Chuitna
River
Old
Tyonek



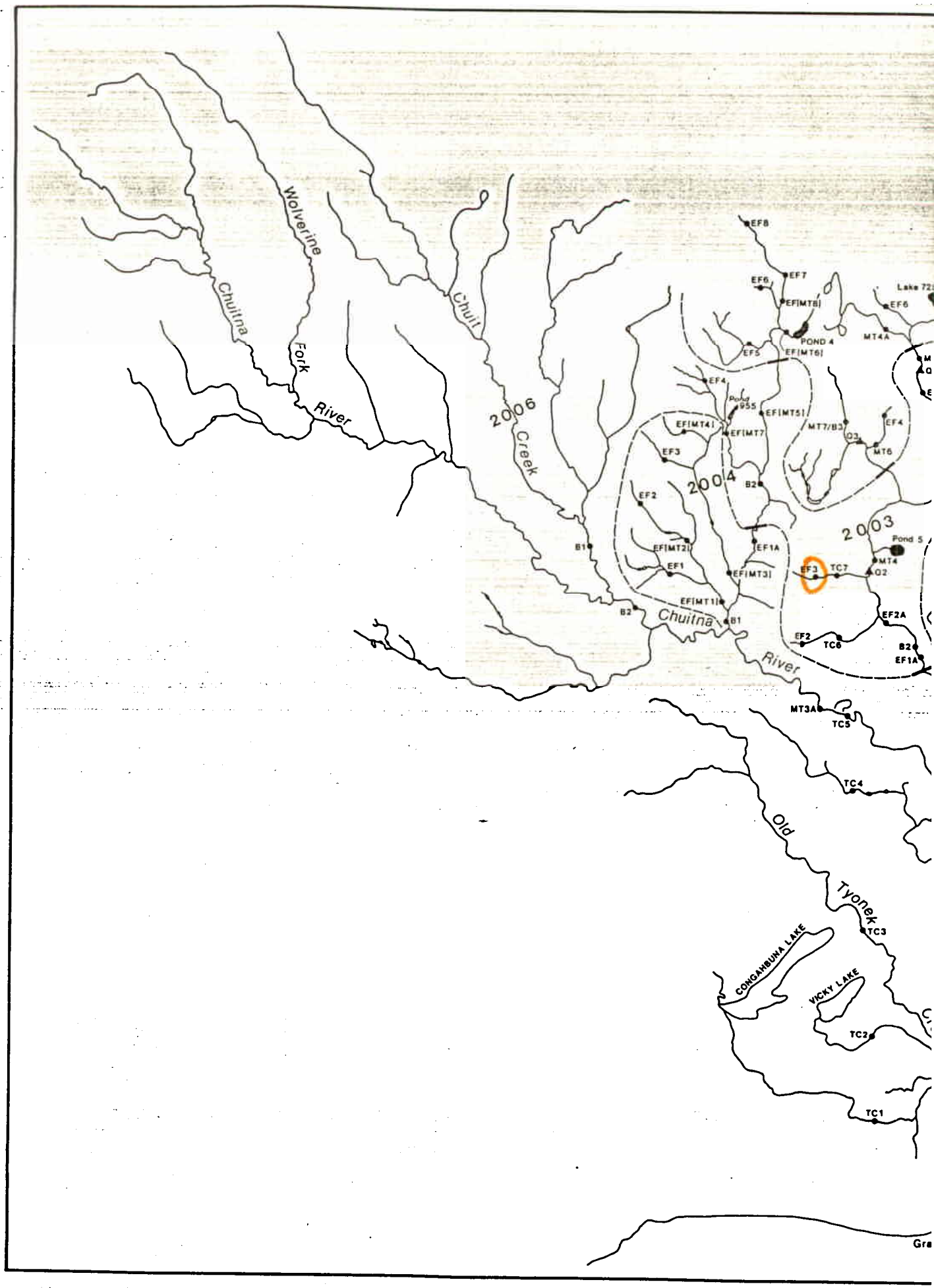

# DIAMOND CHUITNA PROJECT

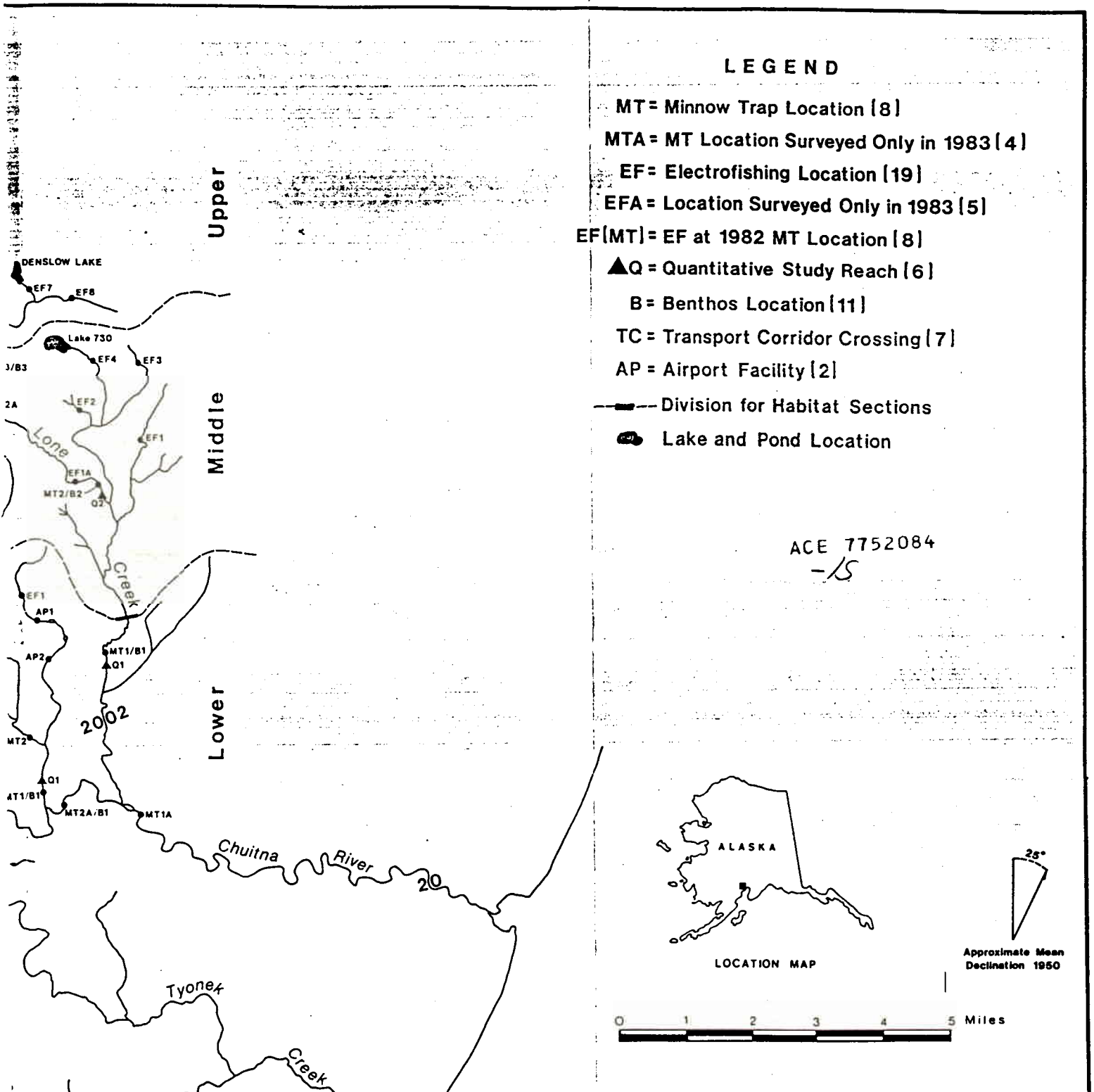
Figure 3-1 Distribution of ~~Juvenile Salmonids~~ in the Chuitna River, Old Tyonek Creek, and Tyonek Creek Drainages ~~(1983)~~.

| Drawn By: | Checked By: | Approved By: | Date: 11/83 |
|---|---|---|---|

ERT ENVIRONMENTAL RESEARCH & TECHNOLOGY INC

Drawing No. B746.051


Wolverine
Chulitna
Fork
River
Chuit
2006
Creek
EF8
EF7
EF6
EF(MT8)
POND 4
EF(MT6)
EF5
EF4
Pond 955
EF(MT5)
EF(MT4)
EF(MT7)
EF3
2004
B2
EF2
EF(MT2)
EF1
EF(MT3)
EF1A
EF(MT1)
B1
Chulitna
River
MT4A
MT7/B3
O3
MT6
2003
Pond 5
MT4
O2
TC7
EF2A
TC6
MT3A
TC5
TC4
Old
Tyonek
TC3
CONGAHBUNA LAKE
VICKY LAKE
TC2
TC1

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-15

# DIAMOND CHUITNA PROJECT

Figure 2-2 Aquatic Sampling Locations [~~1983~~]

| Drawn By: | Checked By: | Approved By: | Date: 11/83 |
|---|---|---|---|

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Drawing No. B746.049

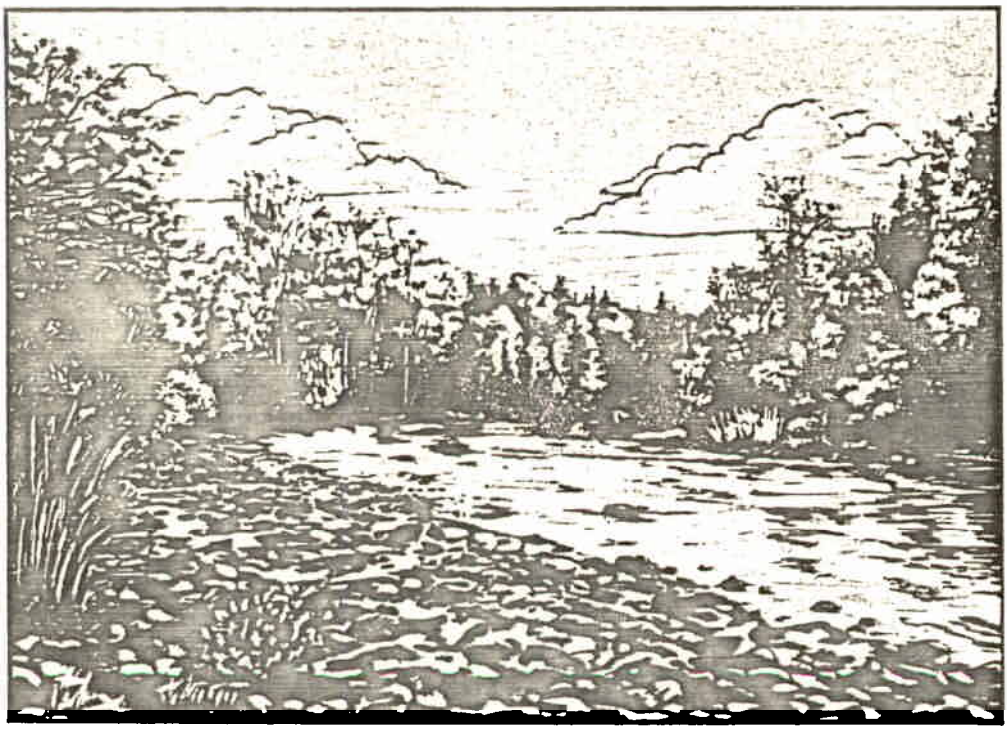
# DIAMOND CHUITNA PROJECT

## Aquatic Biology

## Baseline Studies Report

Prepared for

DIAMOND SHAMROCK - CHUITNA COAL JOINT VENTURE
Anchorage, Alaska



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Volume II - Appendices

February 1984

ACE 7752085
HS

TABLE A-5

NUMBERS, PERCENT COMPOSITION, AND TOTAL LENGTHS (mm) OF FISH COLLECTED BY ELECTROFISHING IN WATERSHEDS 2002 AND 2003 IN AUGUST 1983

| | Dolly Varden | | | | Coho Salmon | | | | Chinook Salmon | | | | Rainbow | | | | Other Species | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location No. | No. | % | TL Range | TL Mean | No. | % | TL Range | TL Mean | No. | % | TL Range | TL Mean | No. | % | TL Range | TL Mean | Sculpin | Stb[1] | Lamprey |
| 2002-EF1 | 0 | | | | 0 | | | | 0 | | | | 0 | | | | | | |
| 2002-EF2 | 0 | | | | 8 | 100.0 | 40-48 | 43 | 0 | | | | 0 | | | | | | |
| 2002-EF3 | 0 | | | | 9 | 100.0 | 67-93 | 78 | 0 | | | | 0 | | | | | | |
| 2002-EF4 | 0 | | | | 12 | 100.0 | 49-83 | 54 | 0 | | | | 0 | | | | | | |
| 2002-EF6 | 4 | 19.0 | 34-67 | 46 | 17 | 81.0 | 44-60 | 51 | 0 | | | | 0 | | | | X | | X |
| 2002-EF7 | 3 | 12.0 | 68-89 | 78 | 22 | 78.0 | 40-58 | 52 | 0 | | | | | | | | | | |
| 2002-EF8 | 0 | | | | 0 | | | | 0 | | | | 0 | | | | X | | |
| 2002-EF1A | 1 | 4.8 | 127 | 127 | 9 | 42.8 | 37-94 | 52 | 11 | 52.4 | 55-74 | 64 | 0 | | | | | | |
| 2002-EF2A | 13 | 41.9 | 52-155 | 101 | 15 | 48.4 | 50-104 | 61 | 0 | | | | 3 | 9.7 | 132-227 | 169 | | | |
| 2003-EF1 | 0 | | | | 19 | 100.0 | 49-85 | 61 | 0 | | | | 0 | | | | X | | |
| 2003-EF2 | 1 | 6.7 | 85 | 85 | 14 | 93.3 | 36-77 | 44 | 0 | | | | 0 | | | | | | |
| 2003-EF3 | 0 | | | | 6 | 100.0 | 42-86 | 59 | 0 | | | | 0 | | | | | | |
| 2003-EF5 | 0 | | | | 0 | | | | 0 | | | | 0 | | | | | X | |
| 2003-EF1A | 6 | 22.2 | 68-142 | 116 | 12 | 44.4 | 37-86 | 46 | 9 | 33.3 | 52-72 | 62 | 0 | | | | | X | |
| 2003-EF2A | 7 | 26.9 | 60-133 | 86 | 17 | 65.4 | 47-114 | 65 | 2 | 9.7 | 59-67 | 63 | 0 | | | | | | |

[1]Stb = Three-spine stickleback.

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-15/56