1987
Year of Revision

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

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 Wilson Creek

Anadromous Water Catalog Number of Waterway

247-20-10010-2040-3009

87-402

For Office Use

Nomination # ~~87~~ 402

Cul Yanagawa 10/28/86
Regional Supervisor Date

OK SJS 10/30/86

EI 10/29
Drafted Date

Change to _____ Atlas

_____ Catalog

_____ Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name unknown

Local name Wilson Creek

Species	Date(s) Observed	Spawning	Rearing	Migration
Chinook salmon	1982		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 1982 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.

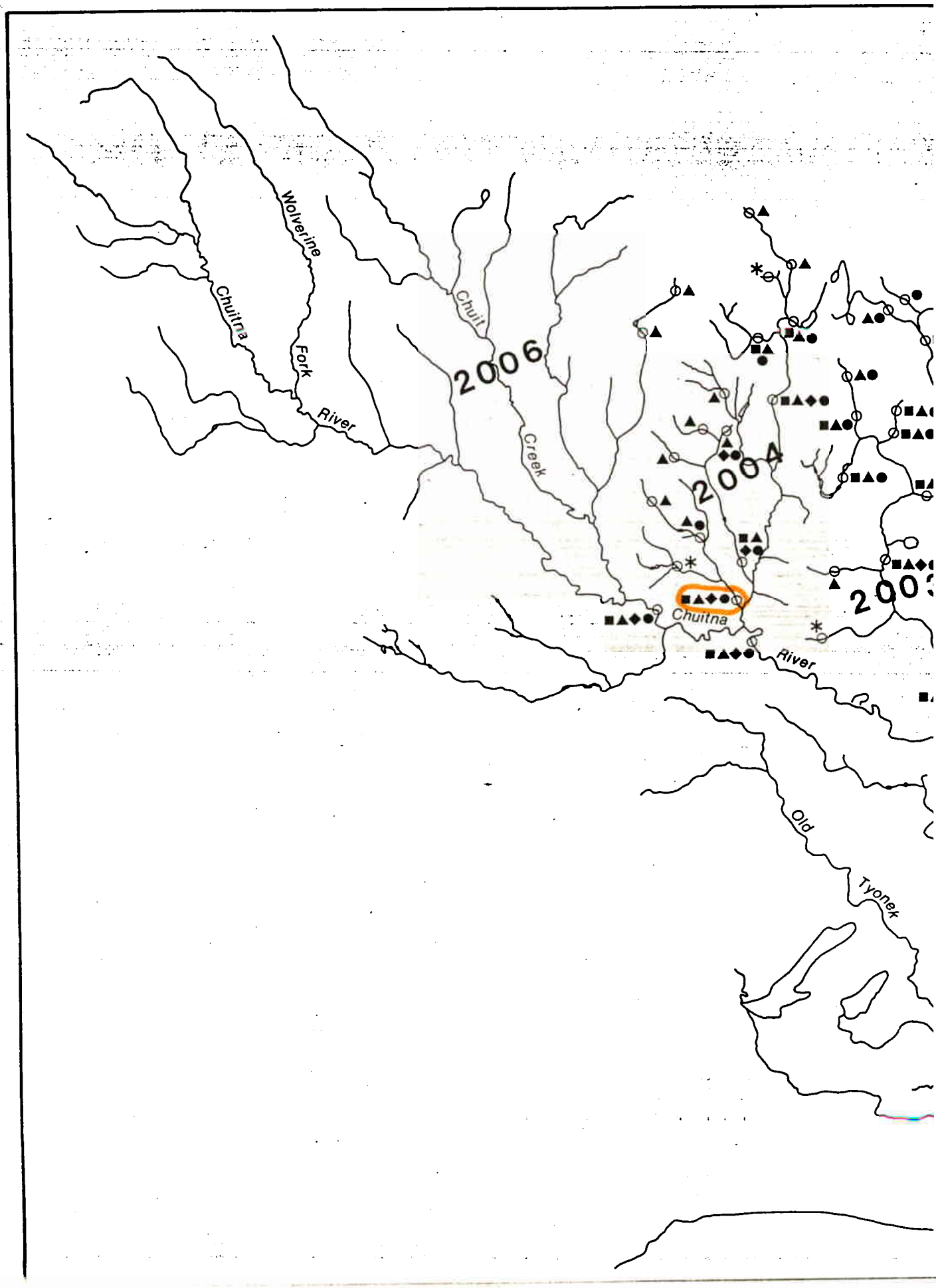
Name of Observer (please print) ERT Consultants

Date: _____ Signature: _____

Address: Fort Collins, Colorado

Signature of Area Biologist: Kevin Delaney

ACE 7752057
HS


Wolverine
Chuitna
Fork
River
Chuit
Creek
2006
2004
2003
Chuitna
River
Old
Tyonek

EF4 result do not show chinook at this location in Vol II - Appendices

Lone Creek

2002

Chuitna River

20

Tyonek Creek

Creek

North Foreland

INLET

COOK

Granite Pt.

LEGEND

- ■ Chinook
- ● Coho
- ▲ Dolly Varden
- ◆ Rainbow Trout
- * No Fish Collected

ACE 7752061
-15

LOCATION MAP

Approximate Mean Declination 1950

0 1 2 3 4 5 Miles

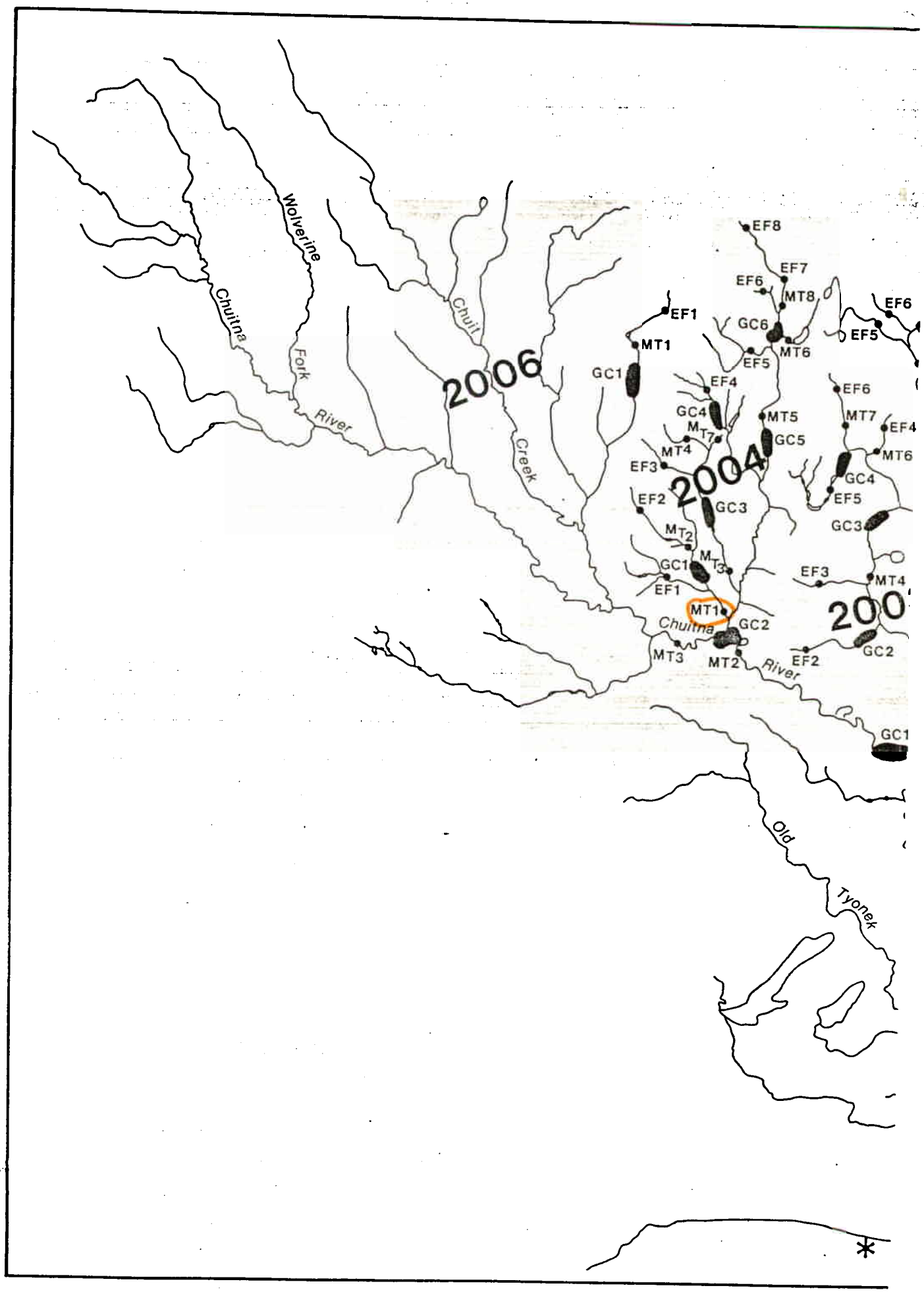
DIAMOND CHUITNA PROJECT

Figure 3-2 Distribution of ~~Juvenile Salmonids~~ in the Chuitna River Drainage (1982).

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

ERT ENVIRONMENTAL RESEARCH & TECHNOLOGY INC

Drawing No. B746.052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Chuitna
Fork
River
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Creek
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EF6
MT8
EF1
GC6
MT1
MT6
EF5
GC1
EF4
GC4
MT5
MT7
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MT2
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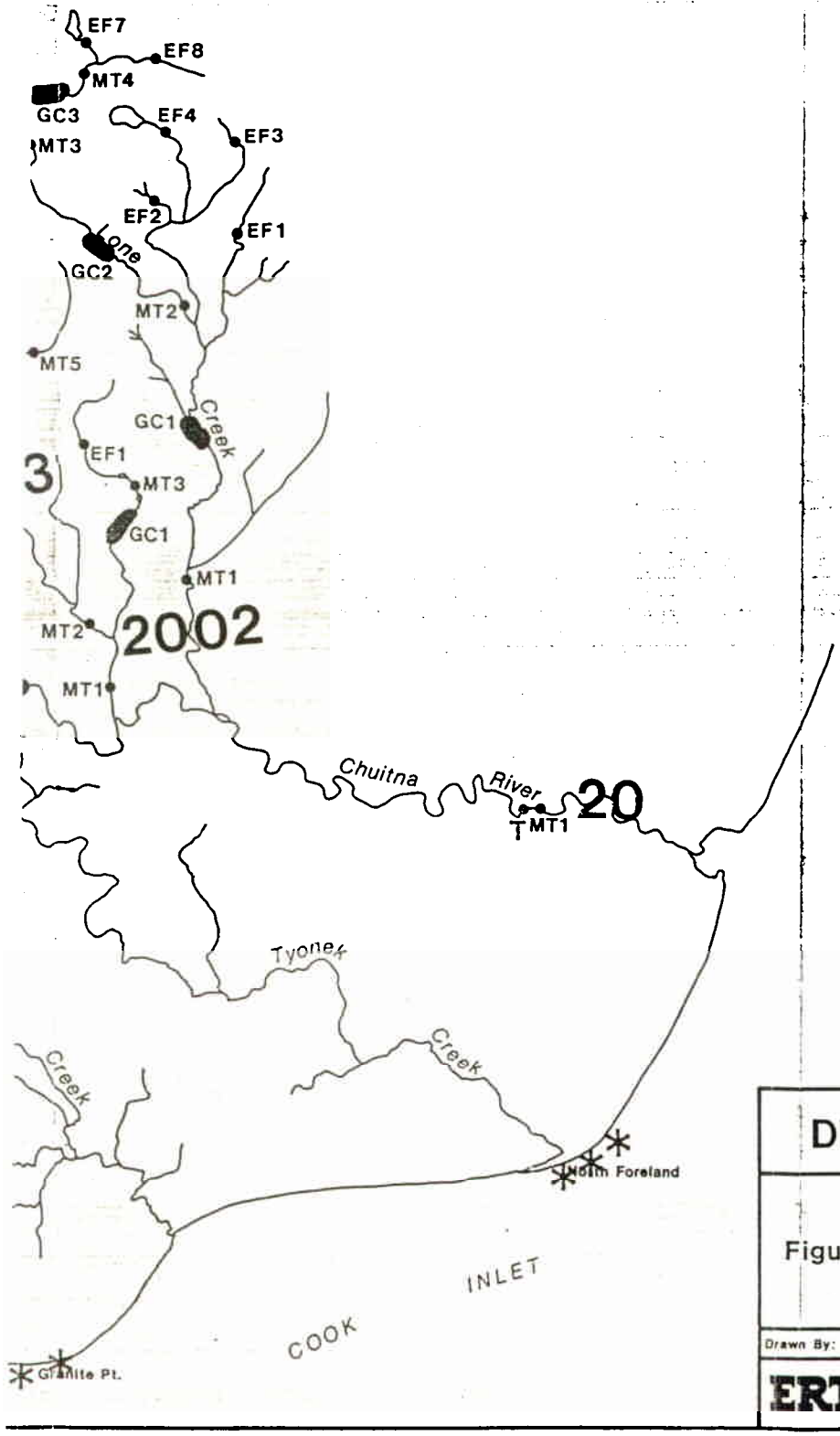
Chuitna
River
Old
Tyonek



LEGEND

MT Minnow Trap Location

EF Electrofishing Location

T Counting Tower Location

GC Ground Count Site

* Nearshore Marine Location

ACE 7752060

LOCATION MAP

Approximate Mean Declination 1950

0 1 2 3 4 5 Miles

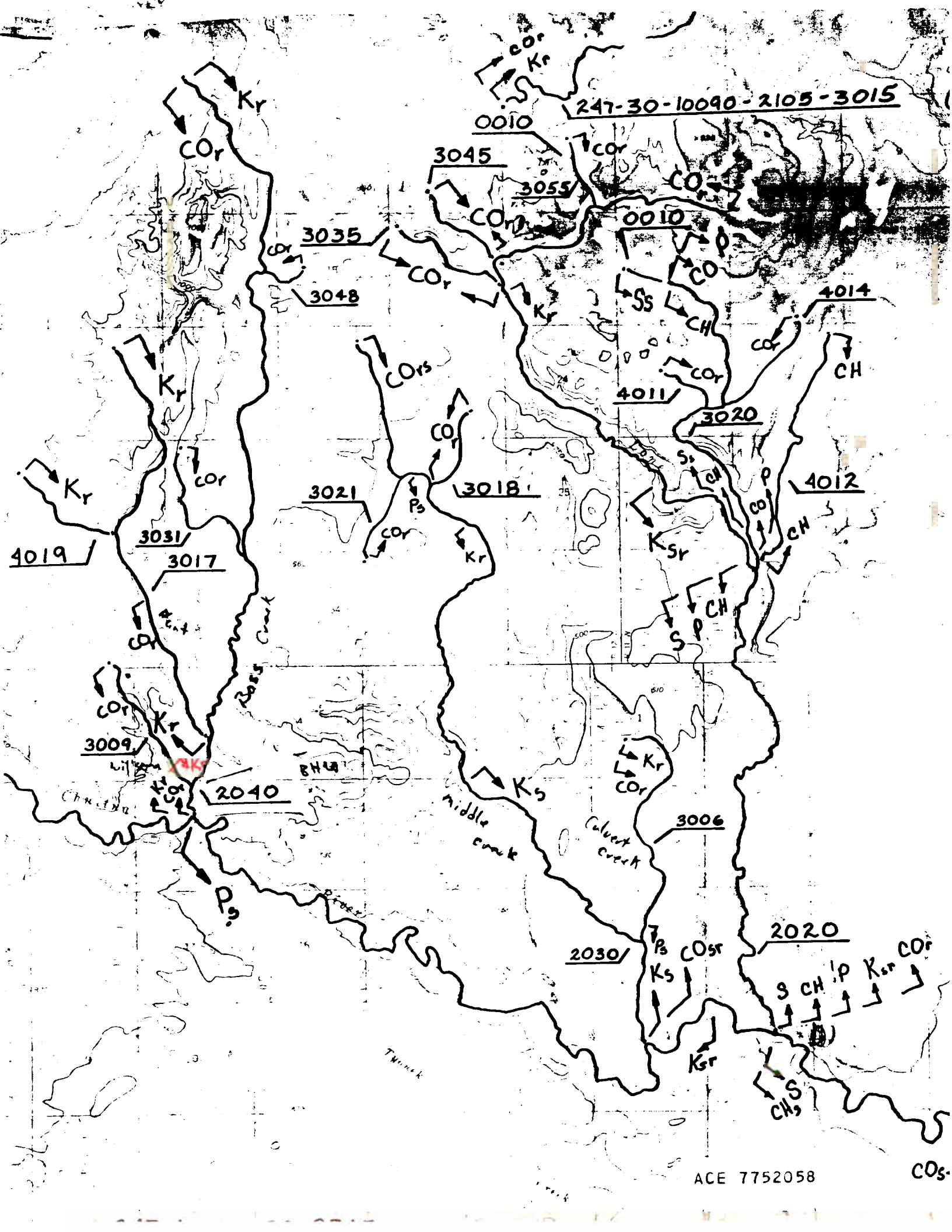
DIAMOND CHUITNA PROJECT

Figure 2-3 Aquatic Sampling Locations (1982).

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

ERT ENVIRONMENTAL RESEARCH & TECHNOLOGY INC

Drawing No. B746.050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CO
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S
Ss
Boss Creek
Middle Creek
Culvert Creek
Chuitna
Tyonek
ACE 7752058

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

Prepared by

ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC.
Fort Collins, Colorado

Volume I - Text

February 1984

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DIAMOND CHUITNA PROJECT

Aquatic Biology

Baseline Studies Report

Prepared for

DIAMOND SHAMROCK - CHUITNA COAL JOINT VENTURE
Anchorage, Alaska

Prepared by

ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC.
Fort Collins, Colorado

Volume II - Appendices

February 1984

ACE 7752062
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TABLE C-4

TOTAL NUMBERS, PERCENT COMPOSITION, AND CPUE[1] OF JUVENILE FISH
COLLECTED BY MINNOW TRAPS IN WATERSHED 2004 IN 1982
DIAMOND-CHUITNA PROJECT

Location and Sample Date / Species	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%
Location 2004-MT1	June 26, 27			July 19, 20			Aug. 7, 8			Aug. 28, 29			Sept. 18, 19			Oct. 13, 14		
Chinook	2	0.1	0.9	0	0	0	19	0.6	3.0	37	1.9	6.2				13	0.6	20.6
Coho	56	2.8	26.0	44	2.2	17.8	239	12.0	55.1	333	17.5	55.7				29	1.4	46.0
Dolly Varden	149	7.4	69.3	191	9.6	77.3	17	8.6	39.4	221	11.6	37.0				21	1.1	33.3
Rainbow Trout	7	0.4	3.2	8	0.4	3.2	8	0.4	1.8	5	0.3	0.8				0	0	-
Sculpin	1	<0.1	0.5	4	0.2	1.6	3	0.2	0.7	2	0.1	0.3				0	0	-
TOTAL	215	10.8	100.0	247	12.4	100.0	434	21.7	100.0	598	31.5	100.0	2			63	3.1	100.0
Location 2004-MT2	June 26, 27			July 19, 20			Aug. 7, 8			Aug. 28 29			Sept. 18, 19			Oct. 13, 14		
Coho	97	4.8	30.0	76	3.8	31.0	118	5.9	44.5	222	11.1	45.9	58	3.2	32.4	15	0.8	53.6
Dolly Varden	226	11.3	70.0	169	8.4	69.0	147	7.2	55.5	262	13.1	54.1	121	6.7	67.6	13	0.6	46.4
TOTAL	323	16.1	100.0	245	12.2	100.0	265	13.3	100.0	484	24.2	100.0	179	9.9	100.0	28	1.4	100.0
Location 2004-MT3	June 26, 27			July 19, 20			Aug. 7, 8			Aug. 28, 29			Sept. 18, 19			Oct. 13, 14		
Chinook	8	0.4	6.2	0	0	0	45	2.2	18.4	102	5.1	18.5	21	1.1	14.3	3	0.2	16.7
Coho	13	0.6	10.1	38	1.9	23.0	144	7.2	58.8	302	15.1	54.7	63	3.3	42.8	9	0.5	50.0
Dolly Varden	79	4.0	61.2	116	5.8	70.3	48	2.4	19.6	134	6.7	24.3	57	3.0	38.8	6	0.3	0.3
Rainbow Trout	27	1.3	20.9	10	0.5	6.1	6	0.3	2.4	13	0.6	2.3	6	0.3	4.1	0	0	0
Sculpin	2	0.1	1.6	1	<0.1	0.6	2	0.1	0.8	1	<0.1	0.2	0	0	0	0	0	0
TOTAL	129	6.4	100.0	165	8.3	100.0	245	12.2	100.0	552	27.6	100.0	147	7.7	100.0	18	1.0	100.0
Location 2004-MT4	June 26, 27			July 19, 20			Aug. 7, 8			Aug. 28, 29			Sept. 18, 19			Oct. 13, 14		
Dolly Varden	74	3.7	100.0	137	6.8	100.0	90	4.5	98.9	134	6.7	100.0	59	2.9	100.0	6	0.3	100.0
Sculpin	0	0	0	0	0	0	1	<0.1	1.1	0	0	0	0	0	0	0	0	0
TOTAL	74	3.7	100.0	137	6.8	100.0	91	4.5	100.0	134	6.7	100.0	59	2.9	100.0	6	0.3	100.0
Location 2004-MT5	June 28, 29			July 21, 22			Aug. 8, 9			Aug. 27, 28			Sept. 18, 19			Oct. 12, 13		
Chinook	3	0.2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coho	72	3.6	29.8	111	5.6	26.4	296	14.8	57.6	730	36.5	67.0	187	9.8	60.1	158	7.9	85.4
Dolly Varden	158	7.9	65.3	304	15.2	72.4	210	10.5	40.8	357	17.8	32.7	123	6.5	39.5	26	1.3	14.1
Rainbow Trout	1	<0.1	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sculpin	8	0.4	3.3	5	0.2	1.2		0.4	1.6	3	0.2	0.3	1	<0.1	0.3	1	<0.1	0.8
TOTAL	242	12.1	100.0	420	21.0	100.0	514	25.7	100.0	1090	54.5	100.0	311	16.4	100.0	185	9.3	100.0

ACE 7752063
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