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

ALASKA DEPT. OF
FISH & GAME

JUN 30 1993

AWC Volume SE (SC) SW W AR IN USGS Quad TYONEK A-4

Anadromous Water Catalog Number of Waterway 247-20-10040-2036

Name of Waterway NONE USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	94 021	Regional Supervisor	1/6/93 Date
Revision Year:	-94		
Revision to: Atlas ____ Catalog ____ Both X		Ed Weiss	11/18/93
Revision Code:	A-2	Drafted	1/11/94 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
COHO	6/28/93		X		

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. 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.

Comments:

SAMPLED UPPER PORTION OF DRAINAGE (100 YDS WORTH) AT SITE 1-B-1, CAUGHT NO FISH. NUMEROUS SMALL BEAVER DAMS DOWNSTREAM OF HERE. SAMPLED POOL BELOW 36" CMP AT ROAD CROSSING, SITE 1-B-2. CAUGHT 1 COHO JUV. (AGE CLASS 1+) & 1 SCULPIN. QUICK SAMPLE AS HELICOPTER WAS WAITING. HABITAT LOOKED GOOD STREAM TYPE E5 MEANDERING LOW GRADIENT W/ GRASS BANKS. LG. BREACHED BEAVER POND ABOVE ROAD CROSSING

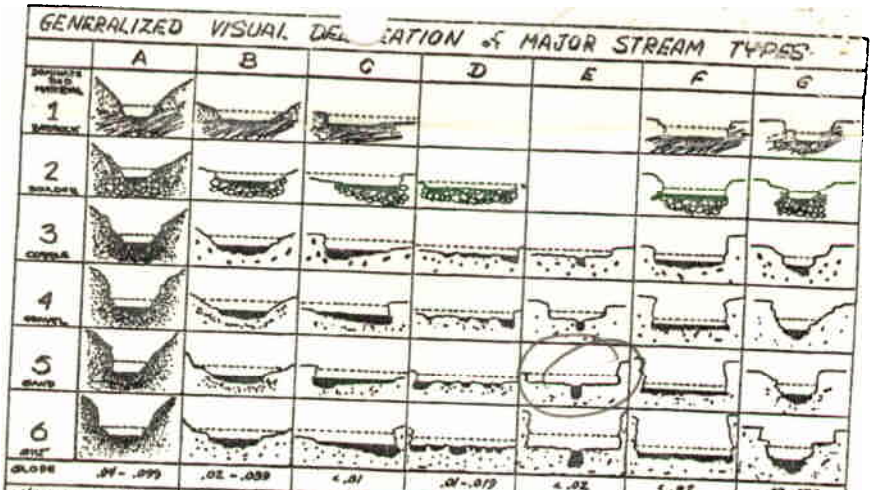
Name of Observer (please print) ED WEISS / BETSY McCRACKEN (OVER) →

Date: 6/29/93 Signature: Edward W. Weiss.

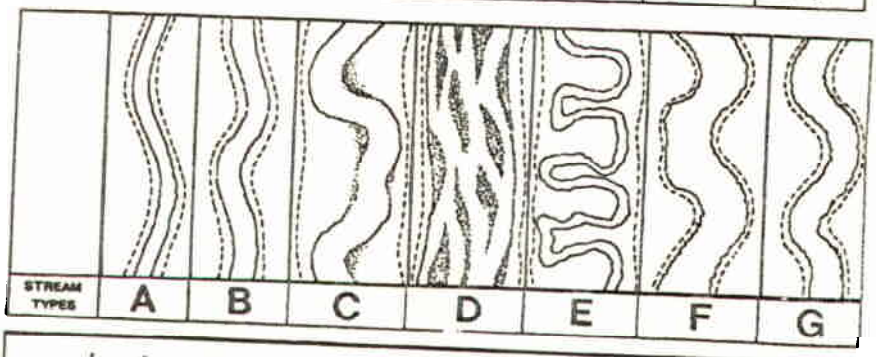
Address: ____

Signature of Area Biologist: ____ Rev. 12/91

CIRCLE DOMINANT CHANNEL TYPE:



	A	B	C	D	E	F	G
SLOPE	.04-.099	.02-.039	<.01	.01-.019	<.02	<.02	.02-.039
W/D RATIO	<12	>12	>12	>50	<12	>12	<12
ER RATIO	1-1.4	1.41-2.2	>2.2	>2.2	>2.2	1-1.4	1-1.4



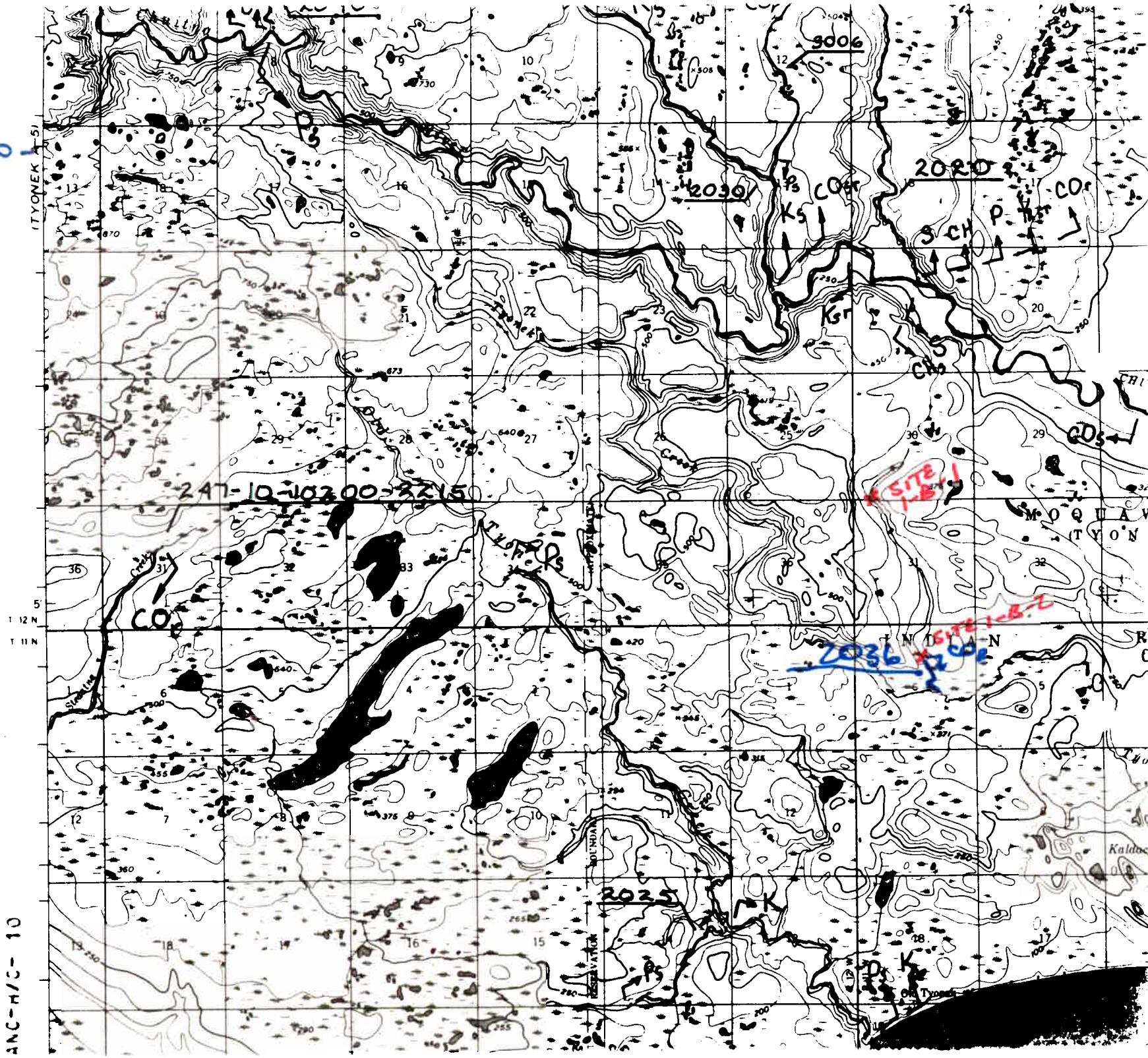
DOMINATE SLOPE	A	B	C	D	E	F	G
	4-10%	2-4%	<2%				2-4%

CO	1								
K									
S									
P									
CH									
SCULPIN	1								

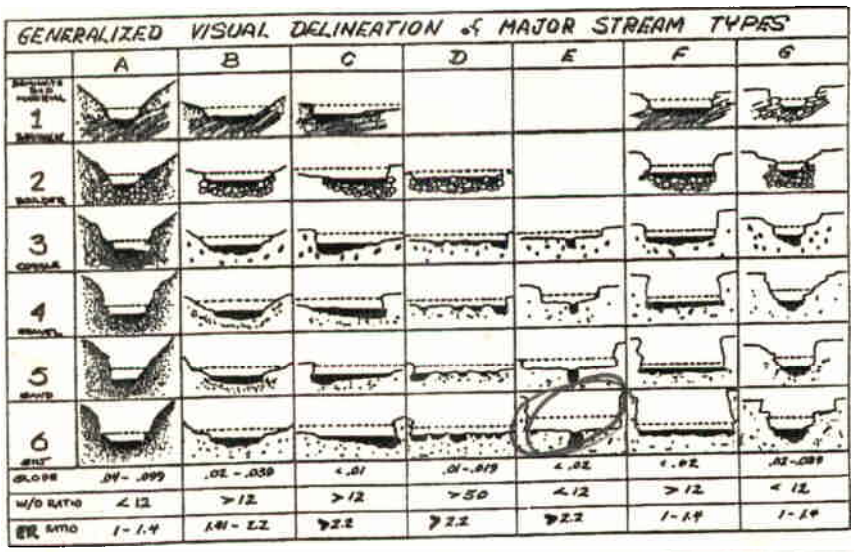
OBSERVATIONS: Caught 1 CO 1 Sculpin immed. below culvert.

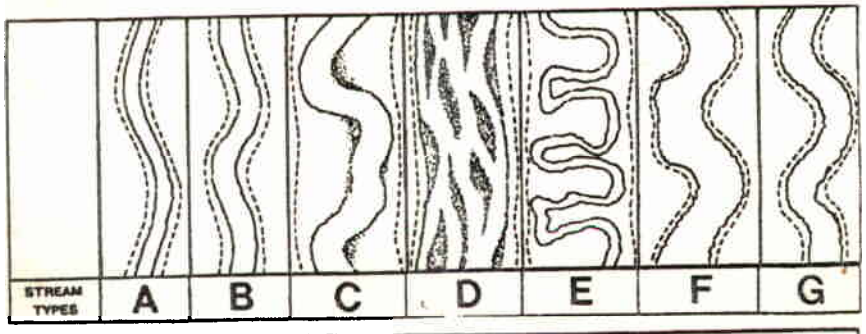
FISH SAMPLING GEAR:_____ TIME: _____ AREA:_____ EFFIC:_____%

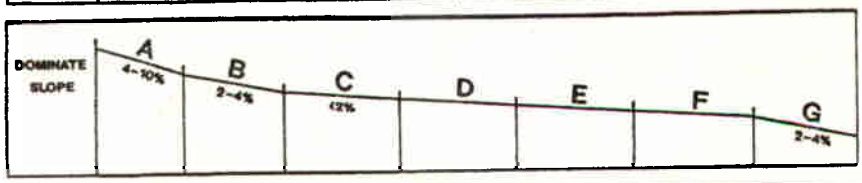
Add
stream
247-20-10050-
2036
w/ CO_R



CIRCLE DOMINANT CHANNEL TYPE:







CO									
K									
S									
P									
CH									

OBSERVATIONS:

FISH SAMPLING GEAR: ES **TIME:** 35 sec. **AREA:** 100 yds **EFFIC:** 40 %

FISH HABITAT SURVEY FORM

Rev. 6/26/93

STATION NO: 1-B-1 DATE: 6/28/93 TIME: _____

NIKOLAI CREEK

OBSERVERS: CIN, BMC TEAM: A (B) STREAM NO: _____

WEATHER:

CLEAR

PRT. CLDY.

(CLOUDY)

STREAM STAGE:

HIGH

(MEDIUM)

LOW

PRECIP:

TODAY Ø

YESTERDAY _____

THIS WEEK _____

TEMP: AIR _____ WATER _____ GRADIENT: _____°

WATER CLARITY:

MUDDY

MURKY

STAINED

(CLEAR)

TURBID

SUBSTRATE:

MUD	✓
SAND	
GRAVEL	
COBBLE	
BLDR/B-ROCK	
	100%

STREAM DIMENSIONS:

WIDTH 12'

DEPTH, LEFT BANK 2.5

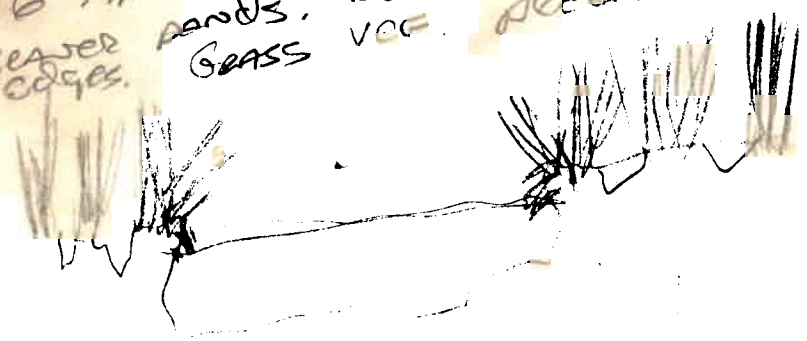
DEPTH, RIGHT BANK —

DEPTH, MID-CHANNEL 3.0'

VELOCITY: None (Slow) Medium Fast

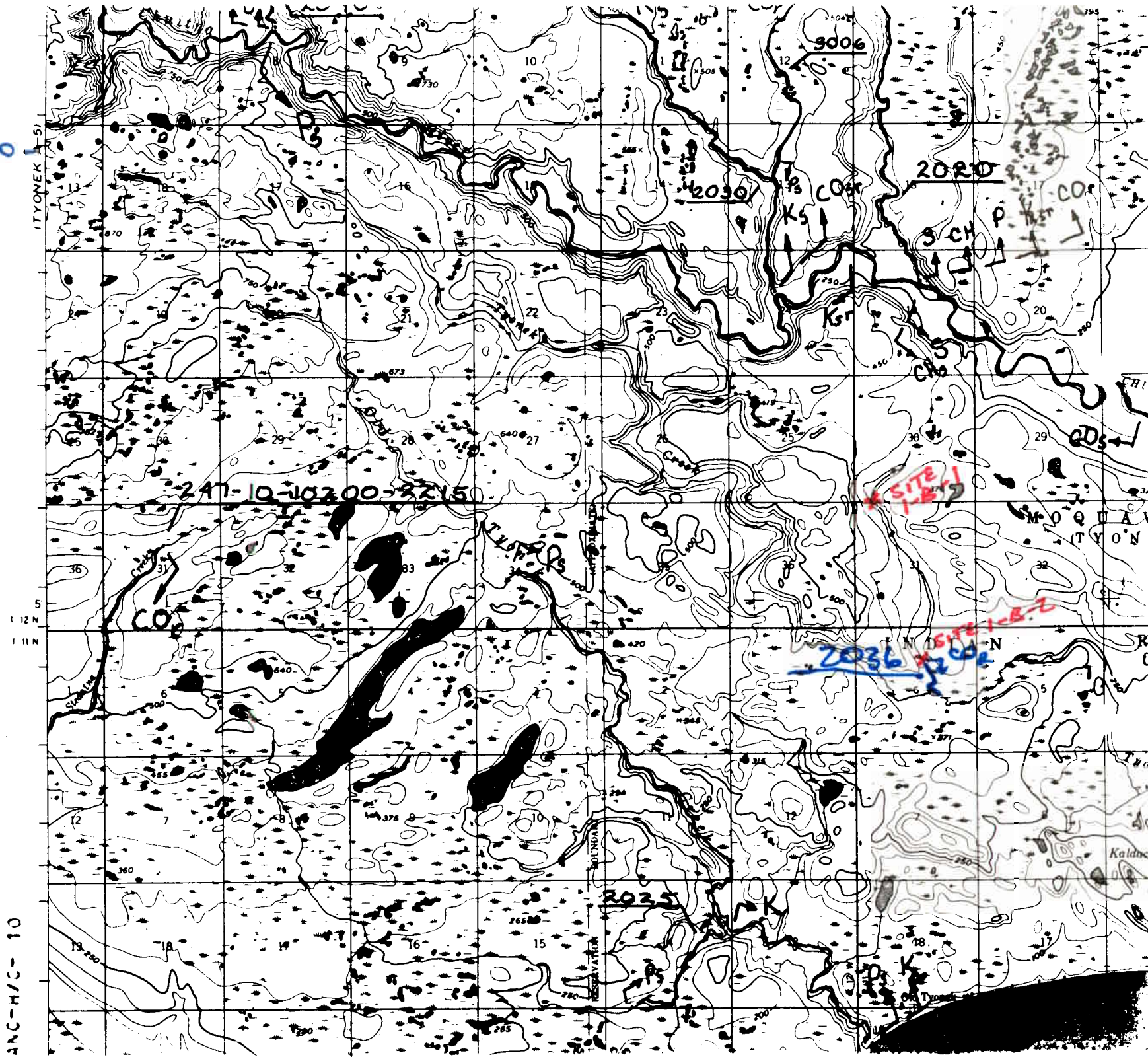
CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):

E6 TYPE SLOW MEANDERING NUMEROUS BEAVER PANDS. FLOATING GRASS MONS EDGES. GRASS VEG. PREDOM.



ROLL NO. _____ FRAME NOS. _____

Add
STREAM
247-20-10050
2036
w/ CO_R



FISH HABITAT SURVEY FORM

Rev. 6/26/93

STATION NO: 1-B-2 DATE: 6/28/93 TIME: _____

OBSERVERS: _____ TEAM: A B STREAM NO: _____

WEATHER:

CLEAR

PRT. CLDY.

CLOUDY

STREAM STAGE:

HIGH

MEDIUM

LOW

PRECIP:

TODAY _____

YESTERDAY _____

THIS WEEK _____

TEMP: AIR _____ WATER _____ GRADIENT: _____°

WATER CLARITY:

MUDDY

MURKY

STAINED

CLEAR

TURBID

SUBSTRATE:

MUD		
SAND		
GRAVEL		
COBBLE		
BLDR/B-ROCK		100%

STREAM DIMENSIONS:

WIDTH _____

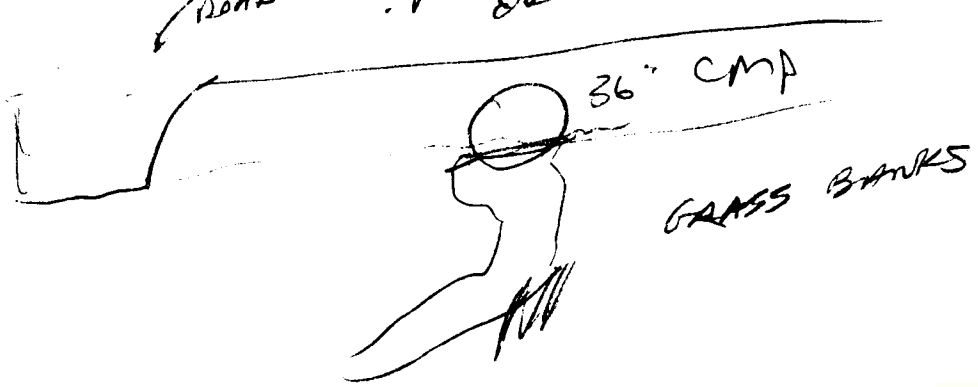
DEPTH, LEFT BANK _____

DEPTH, RIGHT BANK _____

DEPTH, MID-CHANNEL _____

VELOCITY: None Slow Medium Fast

CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):



ROLL NO. _____ FRAME NOS. _____

DID NOT POSE BARRIER CULVERT DID NOT POSE BARRIER.
NO FISH SHOCKED AT MARGINS OF BEAVER POND. SUSPECT
THIS WAS BECAUSE OF DRAINED NATURE PROVIDED
LITTLE COVER. STREAM CONTINUED ABOVE THIS POINT
AND APPEARED TO BE GOOD REARING HABITAT
UP TO & BEYOND SITE 1-B-1. SUSPECT UPPER LIMIT
IS ABOVE 1-B-2 BUT UNKNOWN. INEFFECTIVE
SHOCKER SETTINGS MAY HAVE BEEN CAUSE OF
NO FISH CAPTURE @ 1-B-1.