ICC Len Brady
Mike Lorton
Fish and Game

Date: 9-19-79

Fish Stream Survey Report

Camp Naukati - Marble Island Stream Name(ID) 103-90-087

Road# _____ Station# _____ Unit# 41-7 RP# _____

Quad Map Craig D-5 Section _____ Chick Map _____ Section _____

Fish Present

	Yes	No
Above Road Crossing	X	
Below Road Crossing	X	
Within Unit Boundary	X	
Below Unit Boundary	X	

Species Present/Stage of Development Chum & Pinks Spawning

Type of Fish Habitat

Salmon Spawning Area	X	sq yds Describe
Salmon Rearing Area	X	sq yds Describe
Other TROUT Area		sq yds Describe

Stream Sketch or Map: Attach supplement if necessary:

See supplement

Method(s) used to determine presence of fish: SHOCKER

9-19-79

Date	#Fish	Approx Length	Gear	Length of Time Fished
STREAM #1	4 Dolly Varden	3 inches	shocker	15 min
STREAM #1-A	3 Dolly Varden	2 inches		
	1 Dolly Varden	7 inches	pinks and chums spawning in lower portion of stream	
	2 Dolly Varden	5 inches		
	4 Dolly Varden	3 inches		
	1 Dolly Varden	1 inch		
STREAM #1-B	2 Dolly Varden	2 inches		
	2 Dolly Varden	2.5 inches		
	1 Dolly Varden	1.5 inches		
STREAM #2	3 Dolly Varden	3 inches	pinks and chums in	

Is future fish habitat enhancement possible? Yes _____ No X
If yes Describe:

Road and Unit boundary/fish stream intersection(s)
Marked with aluminum metal tags and Orange Yes X No _____
Fish stream(s) flagged with blue stripe tape Yes X No _____
Stream(s) traversed-If so attach traverse notes Yes _____ No X
Additional parameter information necessary, Yes _____ No X
If so attached completed fish stream parameter
Data form

Pertinent Wildlife Information:

Comments:
See supplement

Survey Crew Members: Signature Date

Glenna Hopper Glenna Hopper 9-2-79
Jim McCullough Jim McCullough 9/21/79

Report Reviewed By Michael E. Navy Wildlife Bio 9-24-79
Signature Title Date

Recommendations: See attached pages for detailed write up and site specific recommendations. Fish passage is required concurrent with road building activities on streams 1 and 1B. There is only 100-150 feet of habitat above the proposed crossing on 1A, however a fish passing structure is desirable. The unit boundary is located along stream 1B - fall and yard away; avoid bucking or limbing in the creek and chunk clean concurrent with yarding.

UNIT 41-7 9-19-79

STREAM #1

Stream #1 is 8-15 feet wide, 6-8 inches deep with 12-18 inch pools. The substrate is Rock/Gravel/Sand. Chum and Pinks were observed spawning in the lower portion of this stream. Dolly Vardens were found upstream. The stream was flagged Blue/White in the salmon portion of the stream and Orange/-White in the Resident portion of the stream. The stream was double flagged at the end of the survey, not at the end of the habitat. The stream was tagged at the road crossing, PI 36+85, bridge crossing (Mike Lorton). There are two tributaries on this stream 1-A and 1-B. It is excellent Resident spawning and rearing habitat.

STREAM #1-A

This stream flows into stream #1. Stream #1-A is 4-6 feet wide, 4-8 inches deep, with 12-inch pools. The substrate varies from Bedrock-Gravel-Sand and organic matter. The stream crosses the road at PI 33+48. Above the

road the habitat extends for 100-150 feet above which is a series of steep falls. This stream is excellent resident rearing habitat. It is tagged at the road crossing and flagged orange/white.

STREAM 1-B

Stream 1-B flows into stream 1-A. This stream is 2-3 feet wide, 1'-6 inches deep, with 8-12-inch pools. The substrate is Gravel/Sand/Mud/Organic. The stream crosses the road at 10:00. It is tagged at the road crossing and flagged orange/white. There is approximately 200-300 feet of habitat above the road. The unit boundary is located on the south side of this stream. This stream is good resident rearing habitat.

STREAM #2

This stream is 4-6 feet wide, 3-7 inches deep, with 12 inch pools. The substrate is Rock/Gravel. Chums and Pinks were found spawning in the intertidal zone, above this Dolly Varden were found. The habitat extends for 3-400 feet. The stream was flagged Orange/White and tagged at the mouth. It does not extend into the unit

or cross the road.

Recommendations:

1) Fish passage is required during and after roadbuilding activities, #1, #1-B, Fish passage describe on stream 1A

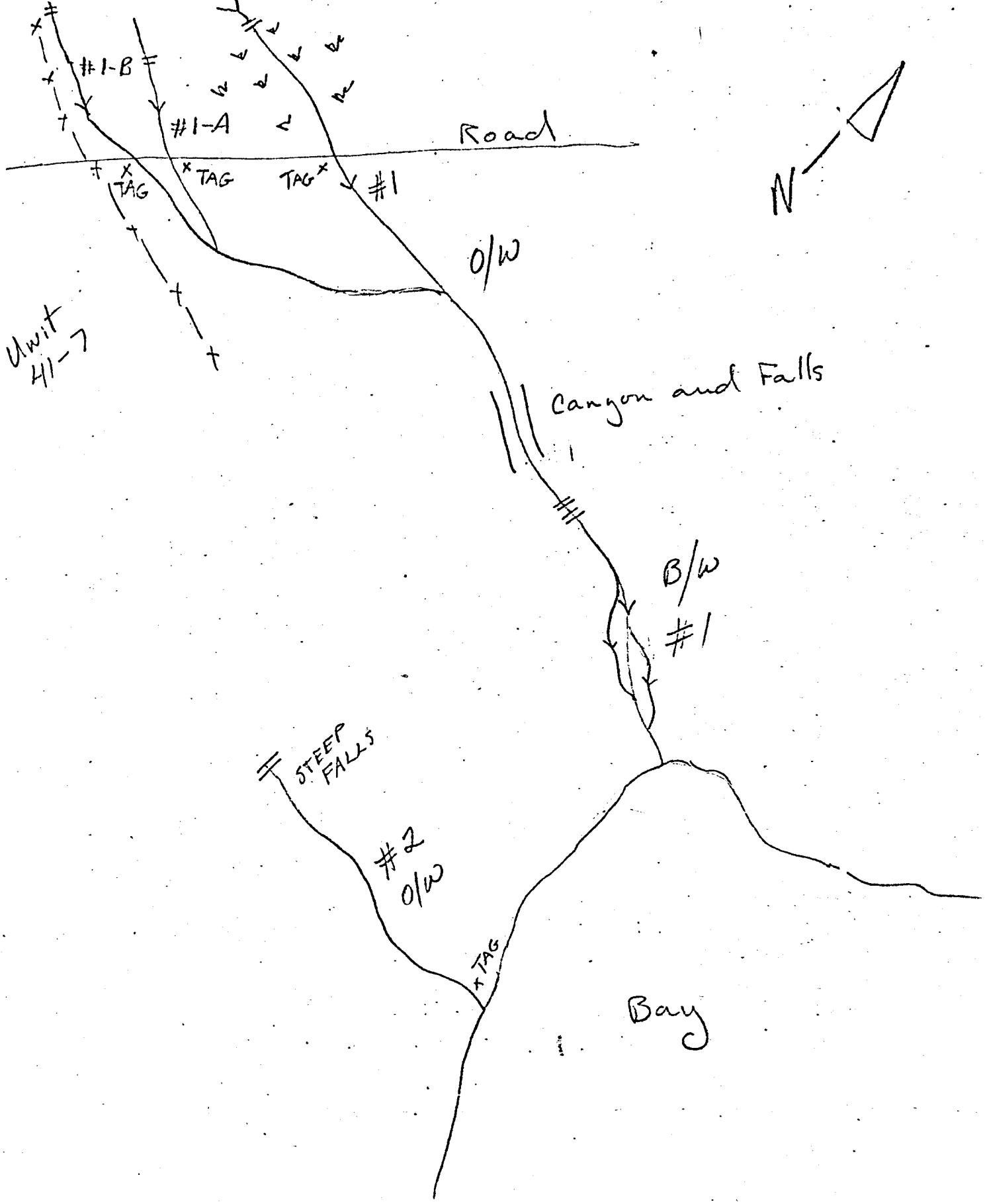
2) Culvert installation concurrent with rocking on all live streams

3) Only one poclain crossing.

4) 48 hour cleanup of all roadbuilding debris on stream #1 - Chunck clean stream 1A & 1B concurrent with activities

5) Directional falling.

6) No bucking or limbing in the stream.


#1-B
#1-A
Road
TAG
TAG
TAG
#1
N
O/W
Unit 41-7
Canyon and Falls
B/W
#1
STEEP FALLS
#2
O/W
TAG
Bay

UNIT 41-7