cc Gary Lybrand
Len Brady
fish and game

Date: 8/24/79

Roads

Fish Stream Survey Report Supplement Report see Naukati - Whale Pass Tie

Camp Naukati

Stream Name(ID) 103-70-007

Road# 5619 5659 5600 A-4

Station# _____

Unit# 42-1 RP# _____

Quad Map Petersburg Section 6 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 Coho-Fry Cutthroat-Fry & adults Rainbow-Fry & Adults

Type of Fish Habitat

Salmon Spawning Area X sq yds Describe _____
Salmon Rearing Area X sq yds Describe _____
Other Trout Area X sq yds Describe _____

Stream Sketch or Map: Attach supplement if necessary:

See supplement report (attached)

Method(s) used to determine presence of fish:

Date	#Fish	Approx Length	Gear	Length of Time Fished

See Supplement report (attached)

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 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:

heavy deer useage in the area

Comments: This report deals with the road systems 5619 and 5619/5600 road junction North along 5600 road to the 5600/Public Works junction and the 5659 road, whereas the supplement report deals with unit 42-1 : Stream #1-A

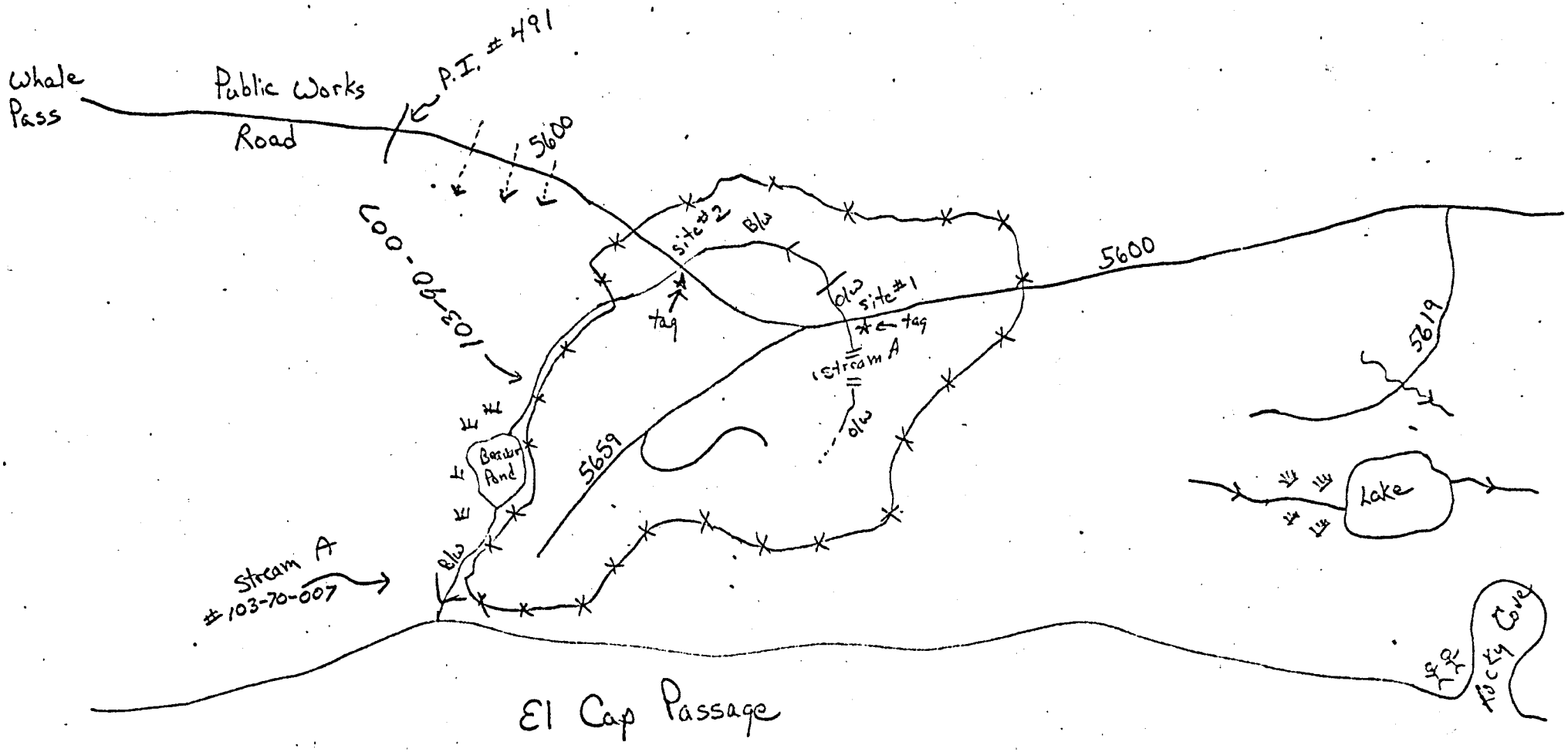
Survey Crew Members:	Signature	Date
Jim McCullough	Jim McCullough	8/24/79
Glenna Hopper	Glenna Hopper	8/23/79

Report Reviewed By Michael E Navy (Signature) Wildlife Bio (Title) 8/24/79 (Date)

Recommendations: See attached pages for site specific recommendations. Note fish passage requirements on Stream A (two crossings) and drainage structure requirements on all live streams concurrent with rocking. Supplement report attached.

Muskeg
Unit Boundary

A2



Road #5619

One stream was crossed along the 5619 Road. The stream gradient approaches 30+%. No evidence of Fish were found.

Recommendations:

The road should cross the stream in such a way as to maintain water quality. Drainage structure required concurrent with rocking.

Road #5659

No streams are crossed by this road.

Road #5600

One stream is crossed twice from the 5619/5600 junction to the Public Works Road/5600 junction. This stream has been surveyed and traversed by Jim Gruber & Jim McCullough 10/23/78 and by Moll/Gruber in 1978, (See other reports for description of stream).

Fish Passage Required at both stream crossing sites: site #1 at P.I. #460, stream traverse 40+56 and Road Traverse 13+05; site #2 at P.I. #478, stream traverse 13+05. Several seepages are found from site #2, P.I. #478 to the Public Works Road/5600 junction.

Recommendations:

Stream #A (on the road survey), Stream #1 (on the unit survey). Fish Passage Required concurrent with rocking activities P.I. 478 and P.I. 460, 48 hour clean up of any road building debri along Blue/White flagged portion of stream, clean up of any road building debri concurrent with road building activity along Orange/White

flagged portions of the stream. Time the road building activities to avoid any spawning fish in the stream, Directional falling or lining where necessary, no bucking or limbing in the stream. Recommend metal culverts or bridges be installed for Stream A (#) and also for any seepages encountered.

CC Lou Brady Fish & Game
Ron Skillings

File Copy

Date: 10/23/78

Supplementary Report Unit 42-1
Stream Traverse Notes
Fish Stream Survey Report
See 5-12-78 for complete details

Camp Naukati / North Sarkar Stream Name(ID) 103-70-007

Road# 5600-5659 Station# Unit# 42-1 RP#

Quad Map Pet. A-4 Section 6 Chick Map Section

Fish Present Yes X No

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

Species Present/Stage of Development Coho Adults Fry
Cutthroat, Dolly Varden

Type of Fish Habitat

Salmon Spawning Area X 10,000 sq yds Describe Excellent
Salmon Rearing Area X 20000 sq yds Describe Excellent
Other X Area 36,000 sq yds Describe Excellent
Cutthroat, Dolly Varden

Stream Sketch or Map: Attach supplement if necessary:

See Maps for changes in Road-Stream locations and extended fish habitat areas due to high water levels.

Method(s) used to determine presence of fish:

Date	#Fish	Approx Length	Gear	Length of Time Fished	St.#
10/17/78	4-Coho	Adult	VISUAL		1

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 Yes X Near Str. Mouth No _____
Fish stream(s) flagged with blue stripe tape Yes X No _____
Stream(s) traversed-If so attach traverse notes Yes X No _____
Additional parameter information necessary, Yes _____ No X
If so attached completed fish stream parameter
Data form

Pertinent Wildlife Information:

Comments:
See supplement

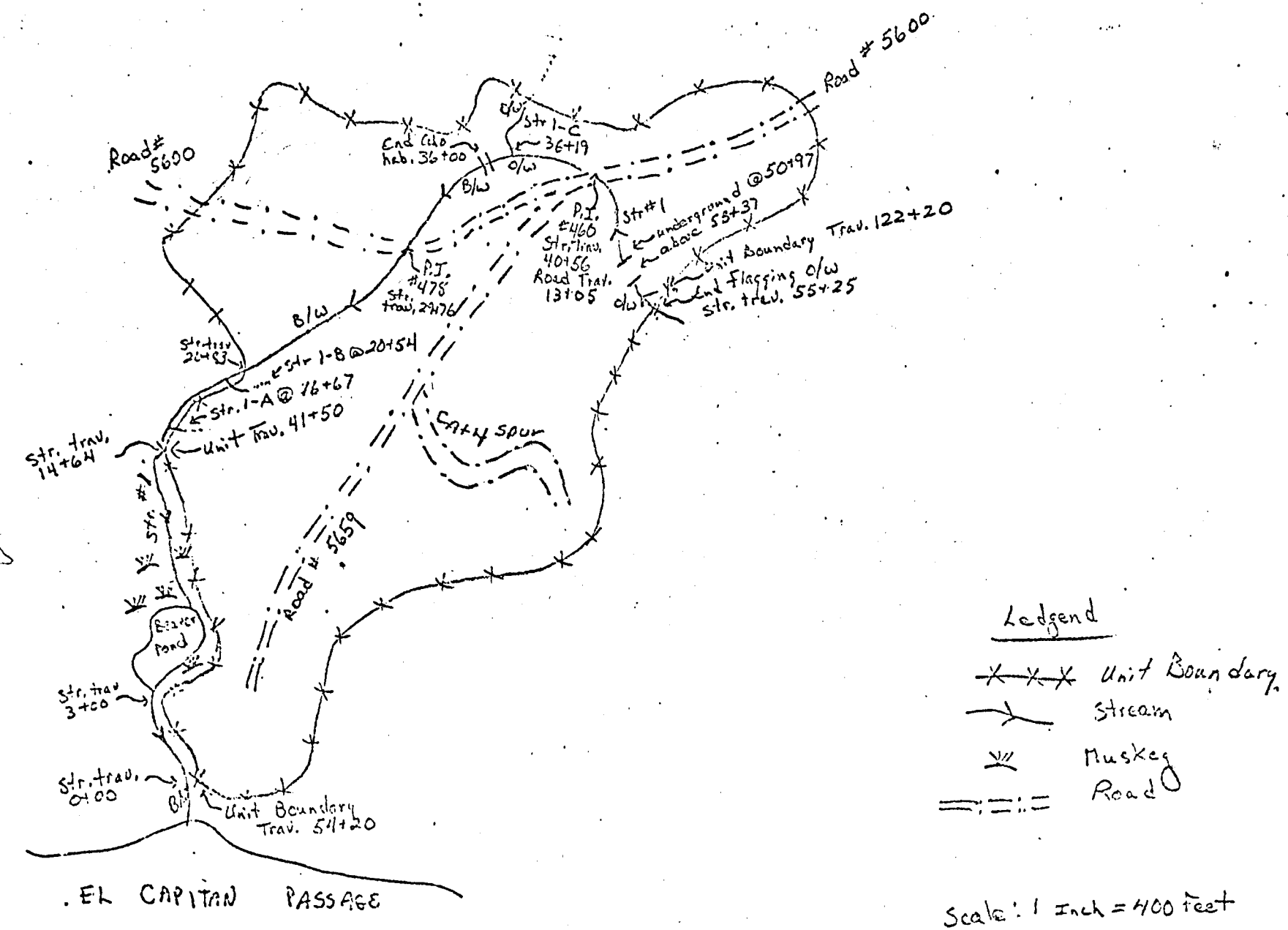
Survey Crew Members: Signature Date
Jim Gruber
Jim McCullough

Report Reviewed By Jim McCullough 10/23/78
Michael E. Navy Forester 10-23-78
Signature Title Date

Recommendations:
Incorporate updated traverse. Fish passage required concurrent with rocking activities PI 478 and PI 460. Directional falling, yarding away or full suspension over and 48 hour cleanup of all logging/roadbuilding debris required for B&W flagged portions of stream #1 - Directional fall any yard away or suspend over O&W portions of stream #1 wherever possible. Time operations to avoid spawning fish in stream Chunk! clean O&W portions of stream #1 - See 5-12-78 report for complete details - Mike

Naukati

Unit 42-1
149.9 AC
Stream # 103-70-007



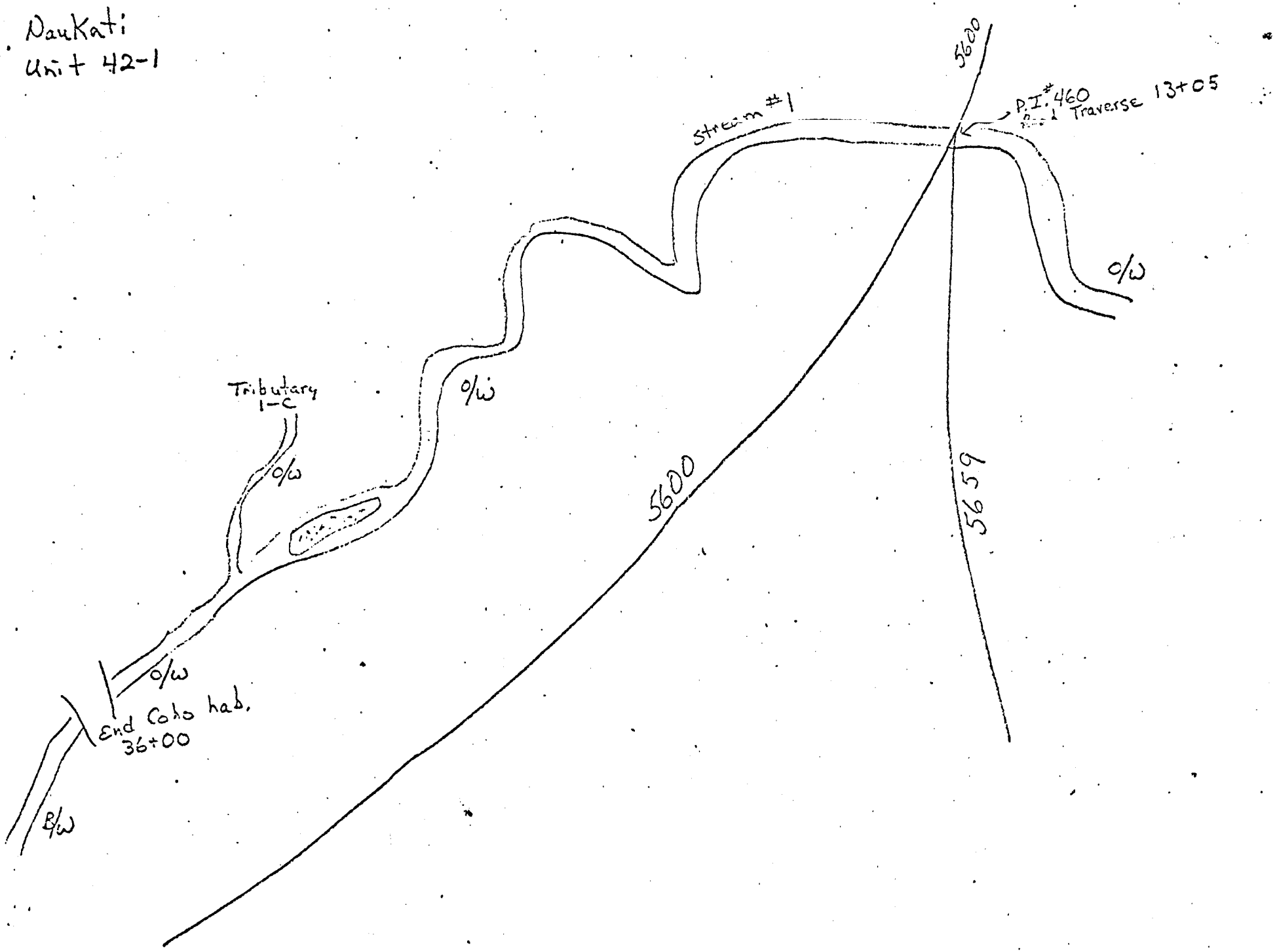
EL CAPITAN PASSAGE

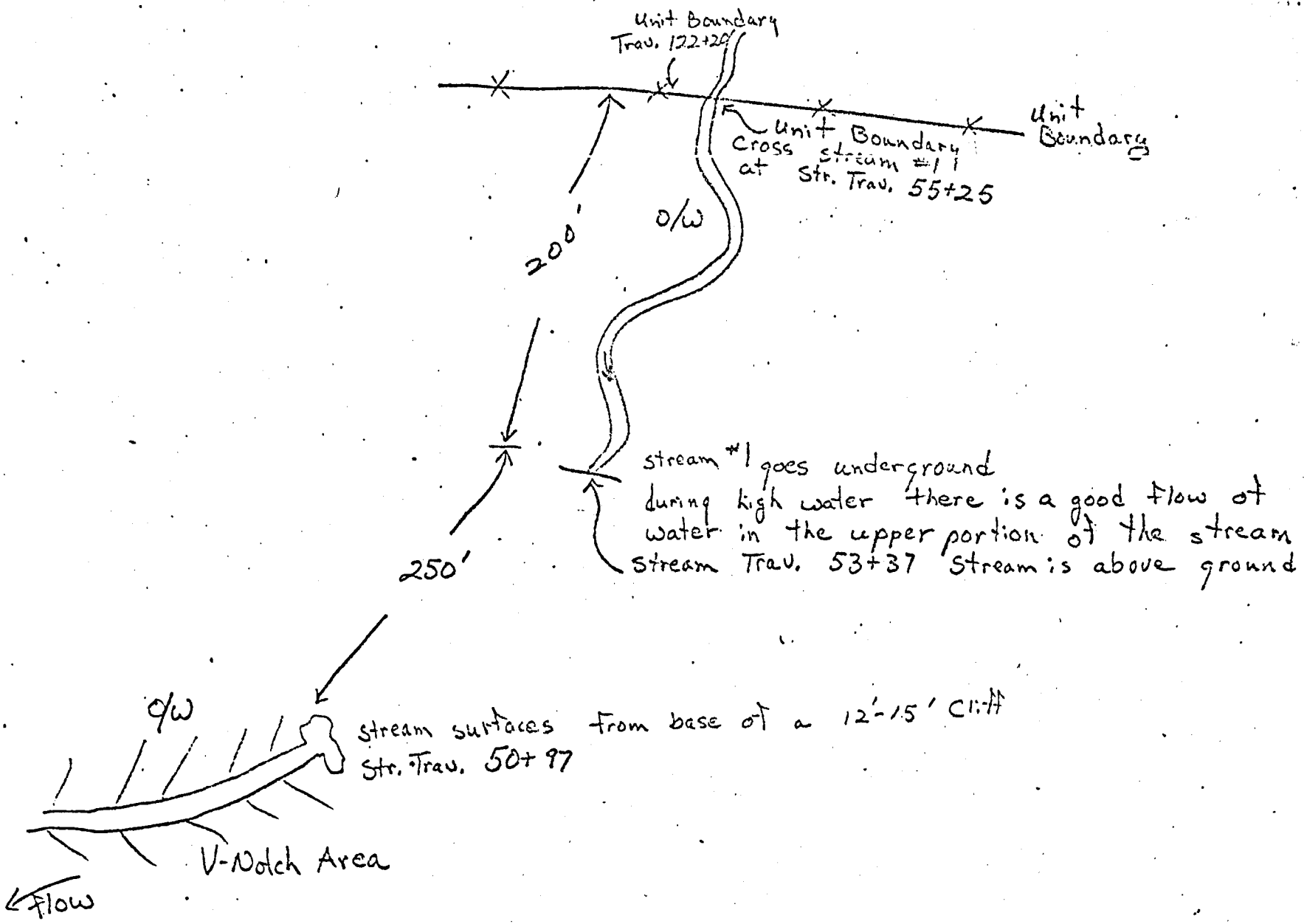
NAUKATI
10/17/78
UNIT 42-1 (SUPPLEMENTLE SURVEY)

STREAM # 1

THIS STREAM WAS SURVEYED PREVIOUSLY (103-70-007) HOWEVER, THE SUPPLEMENTLE SURVEY WAS MADE DURING HIGHER FLOW LEVELS AND RESIDENT HABITAT WAS FOUND TO EXTEND APPROX. 200' FUTHER (BEGINNING STATION 53+37 WHERE STREAM RE-EMERGES FROM GROUND TO STATION 55+25 WHERE STREAM CROSSES UNIT BOUNDARY.) Orange/White flagging was extended along the stream to include the extended habitat found during high water

Naukati
Unit 42-1




Unit Boundary
Trav. 122+20
Unit Boundary
Unit Boundary
Cross stream #1
at Str. Trav. 55+25
200'
O/W
stream #1 goes underground
during high water there is a good flow of
water in the upper portion of the stream
Stream Trav. 53+37 Stream is above ground
250'
O/W
stream surfaces from base of a 12'-15' Cliff
Str. Trav. 50+97
V-Notch Area
Flow