cc: Jim Wilson Soils
Len Brady
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Files

FISH STREAM SURVEY

DATE: 11/14/80

CAMP Suemez Island UNIT 36

STREAM CATALOGUE # 103-50-057 ROAD

QUAD MAP Craig B-5 T 75S R 79E SECT 36

CHECK MAP T R SECT

SPECIES PRESENT	STAGE OF DEVELOPMENT
Dolly Varden	adult

TYPE OF FISH HABITAT

SALMON REARING	EXCELLENT	GOOD	FAIR	SQ YDS
SALMON SPAWNING	EXCELLENT	GOOD	FAIR	SQ YDS
RESIDENT REARING	EXCELLENT	GOOD	(FAIR)	SQ YDS
RESIDENT SPAWNING	EXCELLENT	GOOD	(FAIR)	SQ YDS

IS FUTURE FISH HABITAT ENHANCEMENT POSSIBLE? YES ____ NO X
IF SO DESCRIBE:

FISH PRESENT	YES	NO
ABOVE ROAD CROSSING:		
BELOW ROAD CROSSING:		
WITHIN UNIT BOUNDARY:	X	
BELOW UNIT BOUNDARY:	X	

FISH STREAM(S) INTERSECTION(S) MARKED WITH METAL TAGS: ROAD ____ UNIT X
FISH STREAM(S) FLAGGED: BLUE/WHITE ____ ORANGE/WHITE X
FISH STREAMS TRAVERSED: YES X NO ____
TRAVERSE NOTES ATTACHED: YES X NO ____
IS ADDITIONAL PARAMETER INFORMATION NECESSARY? YES ____ NO ____
IF SO DESCRIBE:

STREAM TEMP.:

METHODS USED TO DETERMINE PRESENCE OF FISH: electroshocker

STREAM #	DATE	#FISH	SPECIES	LENGTH	GEAR	TIME
1	11/14	1	Dolly Varden	5"	shocker	10 min.

PERTINENT WILDLIFE INFORMATION:

COMMENTS:

SURVEY CREW MEMBERS:	SIGNATURE	DATE
Paul Suchanek	Paul Suchanek	11/14/80
Beth Kluthe	Beth Kluthe	11/14/80

REPORT REVIEWED BY: Kathleen Lucich WB 11/25/80
SIGNATURE TITLE DATE

RECOMMENDATIONS:

see attached report

NOTE: FLAGGING ON STREAM #1 SHOULD BE CHANGED FROM O/W TO B/W BY TIMBER CREWS.

SLOPES STABILITY SHOULD BE ASSESSED BY SOIL SCIENTIST.

Unit 36
Suemez Island
11/14/80

Stream # 1

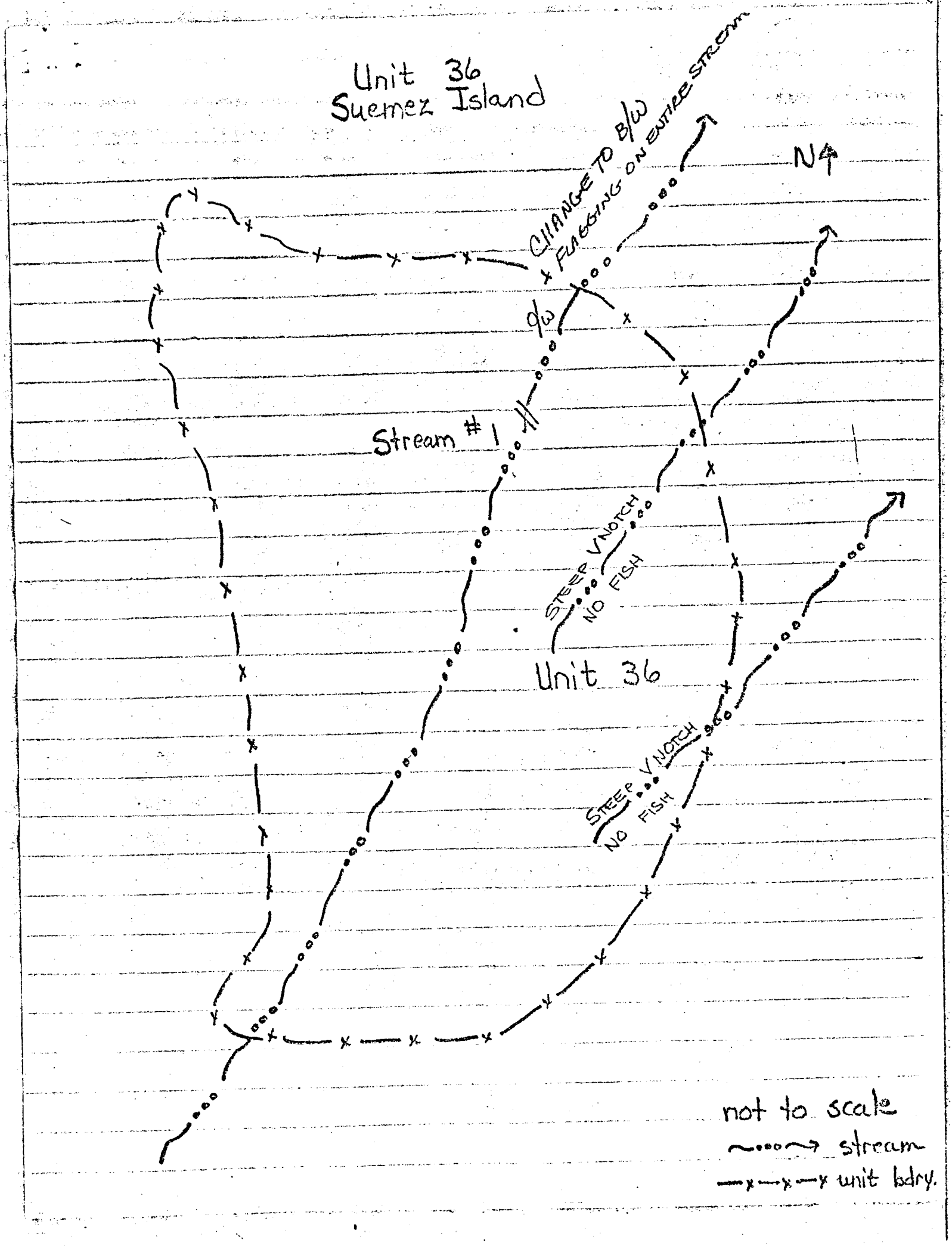
Stream # 1 flows through Unit 36 in a south-north direction. The stream survey was initiated at the northern unit boundary. The stream is 5-8' wide and 6-8" deep with pools 10-18". The substrate is primarily large-small rocks with some gravels present. The gradient is 18 %. A single 5" Dolly Varden was shocked. Approximately 300' upstream of the north unit bdry. fisheries habitat ends. End of habitat is characterized by a bedrock falls 15' high and a gradient of 25 % and climbing. Therefore the stream was traversed for 300' and flagged orange/white. The stream was tagged at the unit boundary. This stream constitutes fair resident habitat.

There are some special considerations that may indicate the stream should be maximally protected through-out its

entire length through Unit 36. It has been established this is a salmon stream in its lower reaches and also contains sea-run Dolly Varden. It is possible the sea-run Dollys may inhabitat the stream as high as the northern unit boundary. In addition, several slides were observed along the stream banks adding sediment load to the stream. Therefore it seems prudent to change the flagging to B/W on Stream #1 for its entire length in Unit 36 to maximally protect it for water quality.

Recommendations:

1. Flag entire stream length within boundaries of Unit 36 B/W (timber crew can do).
2. Directional falling including lining if necessary.
3. No limbing or bucking in stream.
4. Remove all logging debris within 48 hours of deposition.
5. Full suspension or split the yarding.
6. Call in soil scientist to examine stream banks along Stream #1.


Unit 36
Suemez Island
N
CHANGE TO B/W
FLAGGING ON ENTIRE STREAM
q/w
Stream #1
STEEP V NOTCH
NO FISH
Unit 36
STEEP V NOTCH
NO FISH
not to scale
stream
unit bdry.

Stream #1

UNIT TRAVERSE

SALE NAME Suemez Island UNIT 36

CREW Suchanek / Kluthe DATE 11/6

WEATHER overcast/rain MAG TRUE ✓

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STA	SLOPE DIST.	% SLOPE	R	L	Compass °	REMARKS
0+00	Start at North Unit Bdry. Flag					
	100	+21	+66	+63	182°	↑ Go upstream
1+00						
	100	+18	+76	+78	185°	
2+00	Trib. from right - bedrock falls					
	100	+25	+90	+65	150°	
3+00	End of survey & habitat					
	- Bedrock falls - 15 ft. - Double					
	Flag d/w					

GSA Juneau 1164