STREAM NUMBER: 103-90-42

SHAHEEN CREEK

SECTION NUMBER	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
LENGTH	150	150	150	150	160	125	190	125	130	113	150						
AV. WIDTH	30	30	30	30	12	40	35	35	16	30	24						
ASA %	50	40	40	40	95	20	20	30	40	40	65						
ASA METERS^2	202	162	162	162	165	90	120	118	75	122	210						
STREAM GRADIENT	2	1	1	1	1	1	1	1	2	2	2						
UPSTREAM MAGNETIC HEADING	-	-	-	-	240	-	-	325	-	-	-						
% BEDROCK	-	-	-	-	-	-	-	-	-	-	10						
% BOULDERS	-	10	-	-	-	-	5	10	20	10	10						
% COBBLES	30	30	50	50	-	-	5	80	50	60	50						
% GRAVEL	50	50	40	40	90	90	90	20	30	30	30						
% SAND	20	10	10	10	10	10	-	-	-	-	-						
% FINES	-	-	-	-	-	-	-	-	-	-	-						
POOL/RIFFLE RATIO (P/R)	50/50	50/50	50/50	50/50	60/40	80/20	20/80	20/80	20/80	20/80	20/80						
SLOPE OF UPPER RT.BANK (ORIENTATION UPSTREAM)	-	-	-	-	-	-	-	-	85	-	-						
SLOPE OF UPPER LEFT BANK	-	-	-	-	-	-	-	-	5	10	30						
INVERTIBRATE CONCENTRATION	-	-	-	-	-	-	-	-	-	-	-						
DISTANCE FROM BEGINNING OF SURVEY TO END OF SECTION	2828	2978	3128	3278	3438	3563	3753	3878	4008	4121	4271						
COMMENTS																	

PEAK ESCAPEMENT RECORD

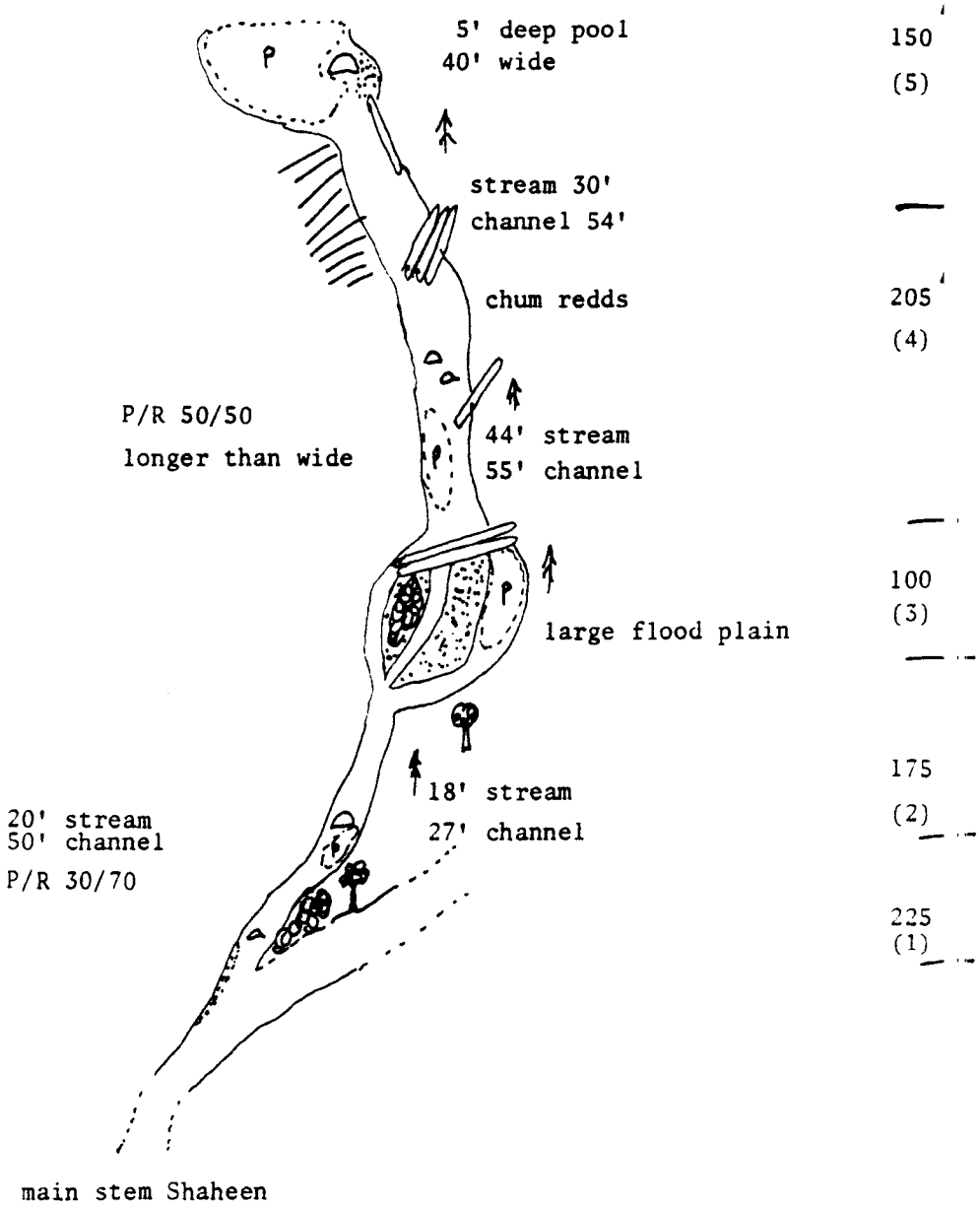
103-90-42 Shaheen Creek (Tuxekan Passage)

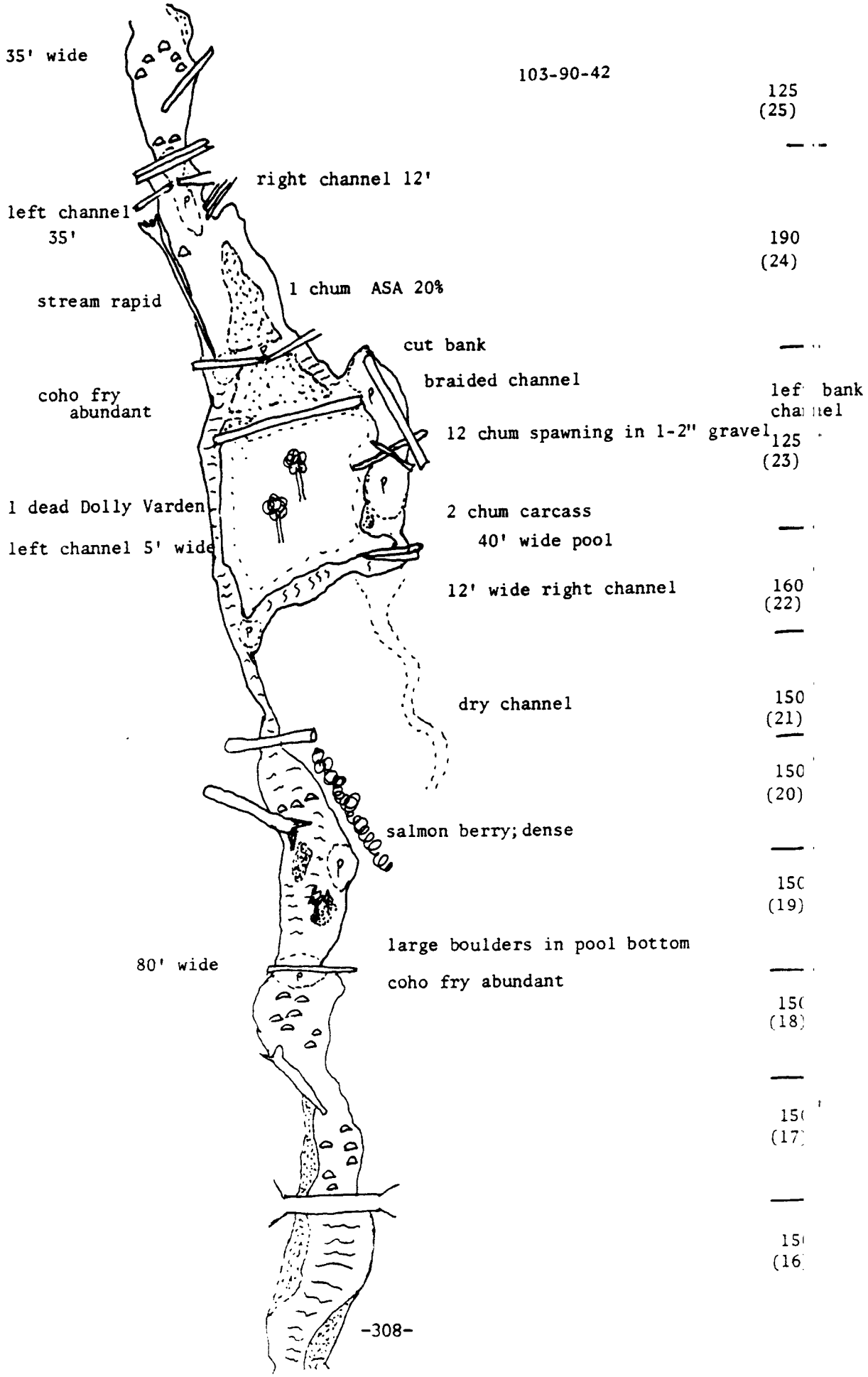
DATE	PINK	CHUM	OTHER SPECIES	REMARKS
8/28/76	3,500	None seen		
8/16/77	52,500			
7/28/78		400		
8/25/78	15,700			
8/7/79	76,800			
7/30/80		6		
8/24/80	32,006			

PEAK ESCAPEMENT RECORD

103-90-42 Shaheen Creek (Tuxekan Passage)

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
9/18/41	220,000	14,000	7,000 coho	Excelletn
9/17/42	60,000	12,000	3,000 coho	Excellent
9/29/43	65,000	13,000		Excellent. Few at mou n
10/6/44	45,000	8,500		Fair. None at mouth
9/22/45	200,000	10,000		Excellent. 20,000 at outh
10/14/46	50,000	6,000		
8/28/48		5,200		Poor. None at mouth
/27/48	60,000		700 coho	Good
8/29/49	10,000			
10/2/49		25		
9/19/50	4,720 (14 dead)		400 coho	
10/4/50		23 (15 dead)		
7/15 to 10/30/51	50,000	45,000	13,000 cohoes	
9/3/52	5,910 (6 dead)	460 (2 dead)		Few off mouth
9/21/52			40 coho	
8/10/53		430		
8/20/53	4,520			
9/19/54	9.700 (350+dead)		coho present	5,000 pink at mouth. Few chum
9/5/55	20,000+			Many thousands near mouth
9/17/56	70,000			20,000+at mouth, more in bay.
Season'57	18,500	6,000		Fair
Season'58	13,000	11,000	100 coho	


5' deep pool
40' wide
150
(5)
stream 30'
channel 54'
chum redds
205
(4)
P/R 50/50
longer than wide
44' stream
55' channel
100
(3)
large flood plain
175
(2)
18' stream
27' channel
20' stream
50' channel
P/R 30/70
225
(1)
main stem Shaheen

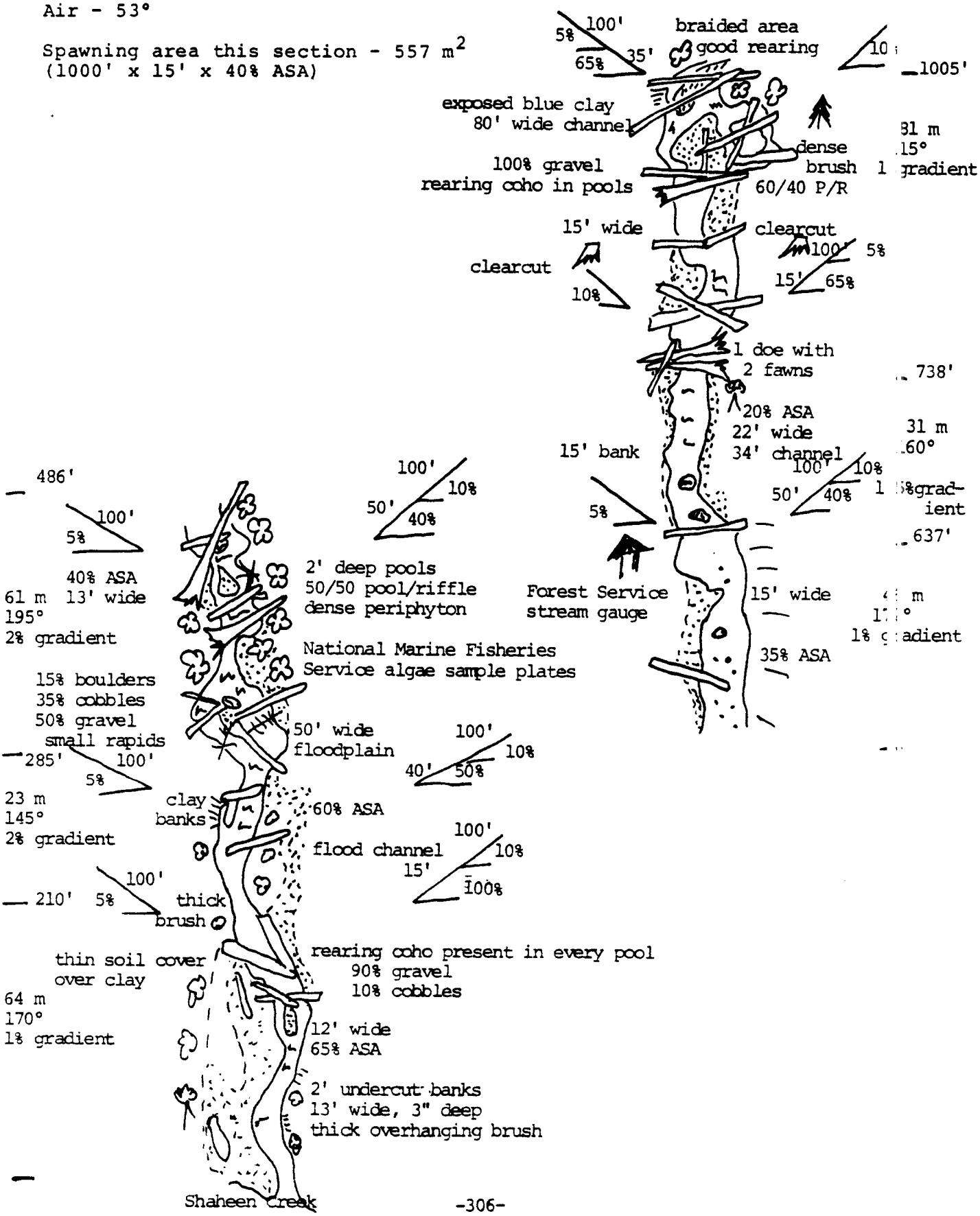

35' wide
103-90-42
125
(25)
right channel 12'
left channel
35'
190
(24)
1 chum ASA 20%
stream rapid
cut bank
braided channel
coho fry
abundant
12 chum spawning in 1-2" gravel
125
(23)
1 dead Dolly Varden
2 chum carcass
40' wide pool
left channel 5' wide
12' wide right channel
160
(22)
dry channel
150
(21)
150
(20)
salmon berry; dense
150
(19)
large boulders in pool bottom
80' wide
coho fry abundant
150
(18)
150
(17)
150
(16)

103-90-10420-200

Bonnie Creek
103-90-42
7/8/78
Lower

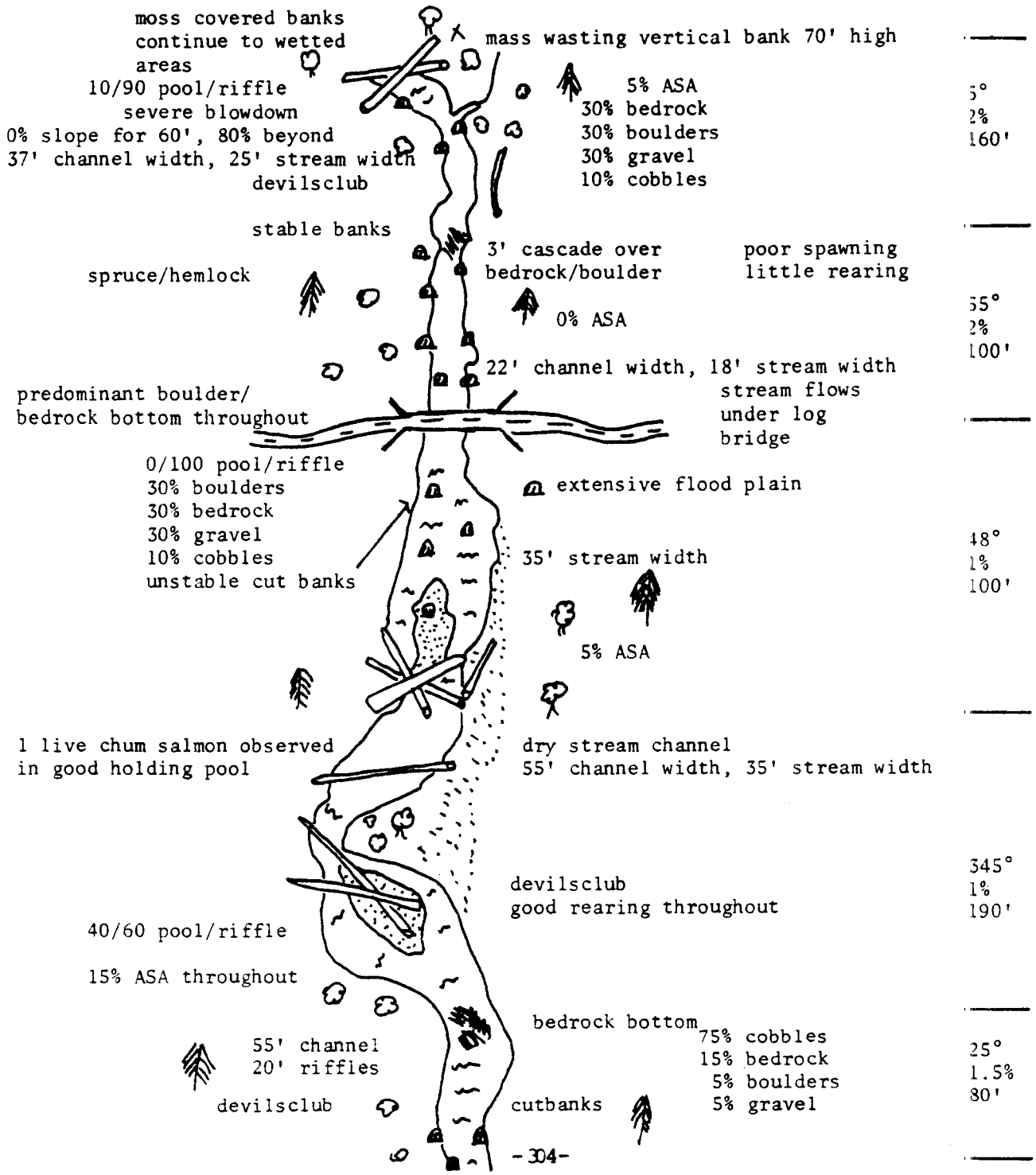
Flow - 2.5 cfs
Water - 52°
Air - 53°

Spawning area this section - 557 m^2
(1000' x 15' x 40% ASA)



103-90-42
East Fork Shaheen
8/16/78

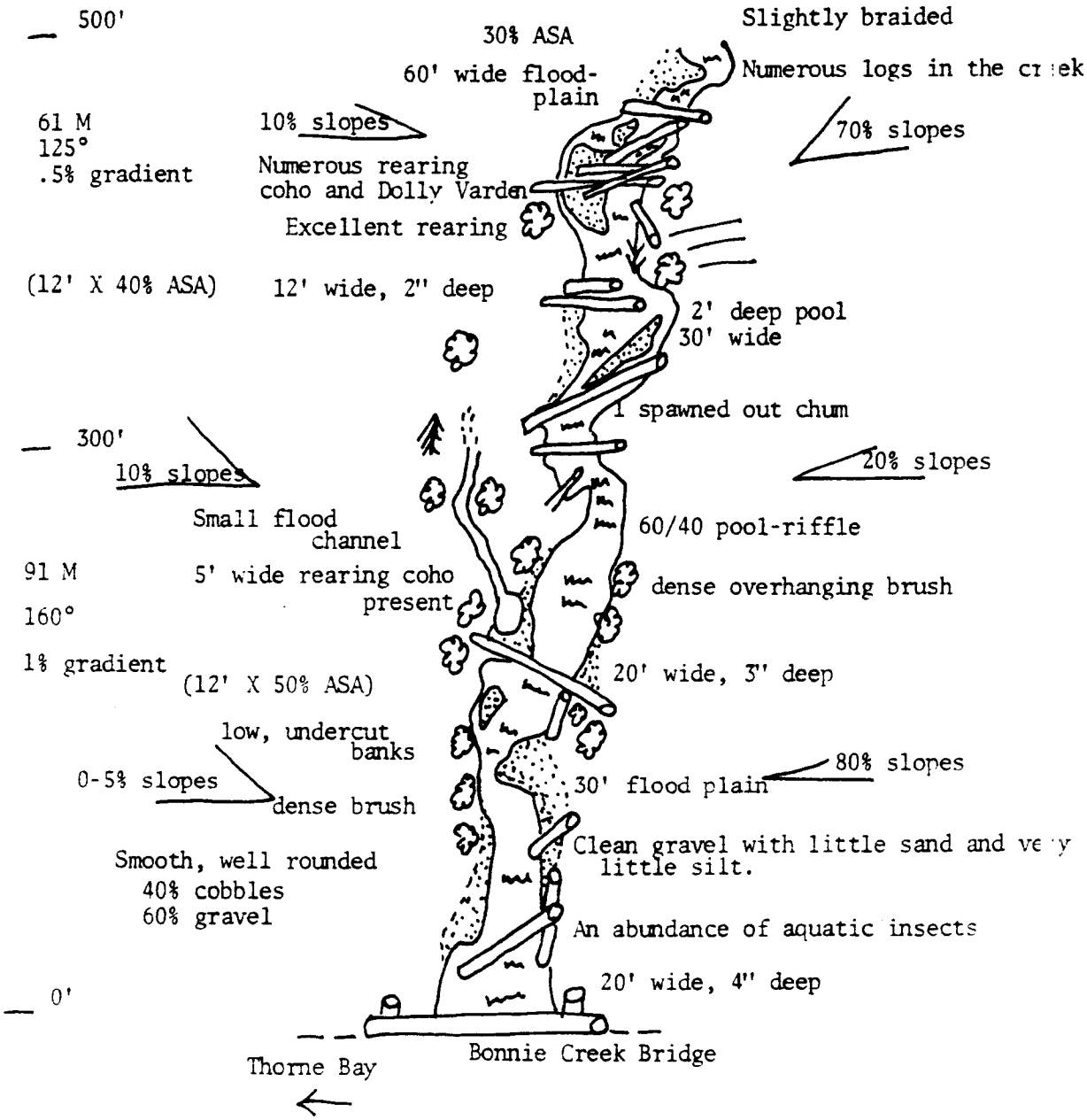
Stream continues through well developed flood plain. Stream widths remain constant and stream braids through steep area with abundance of deciduous, brush and fern vegetation. Good ASA throughout. Fifteen chum salmon carcasses were observed; 8 above the bridge and 7 below. Eight chum salmon and several Dolly Varden were observed in pool at forks.



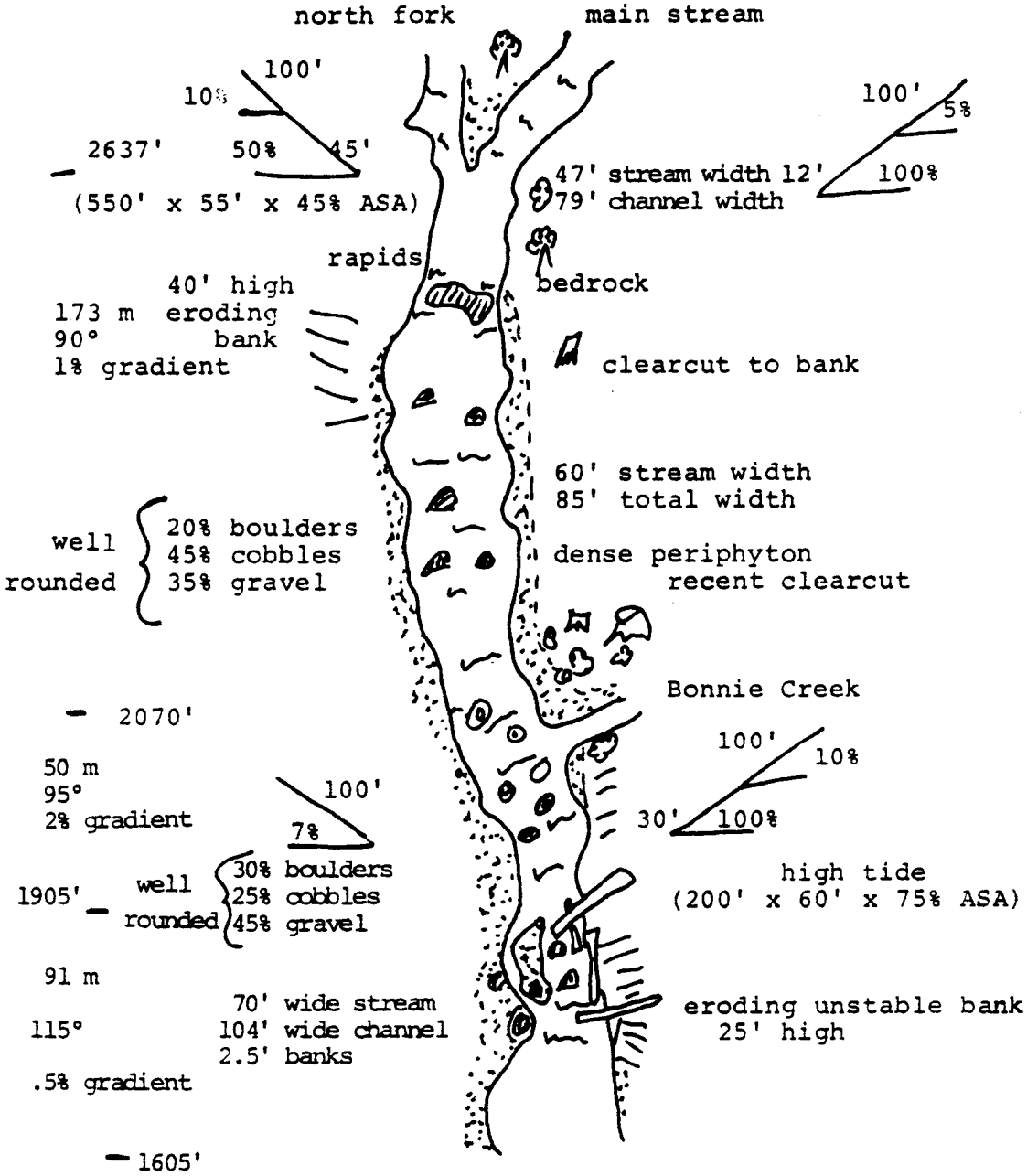
Bonnie Creek
(above the main bridge)
8/16/78

Spawning area: The stream is approximately 12' wide and has 45% ASA of good quality. An estimated 250 M^2 of spawning area in this section.
Excellent rearing potential with large numbers of 1-3" coho and 1" Dolly Varden.

The stream continues in a similar fashion.



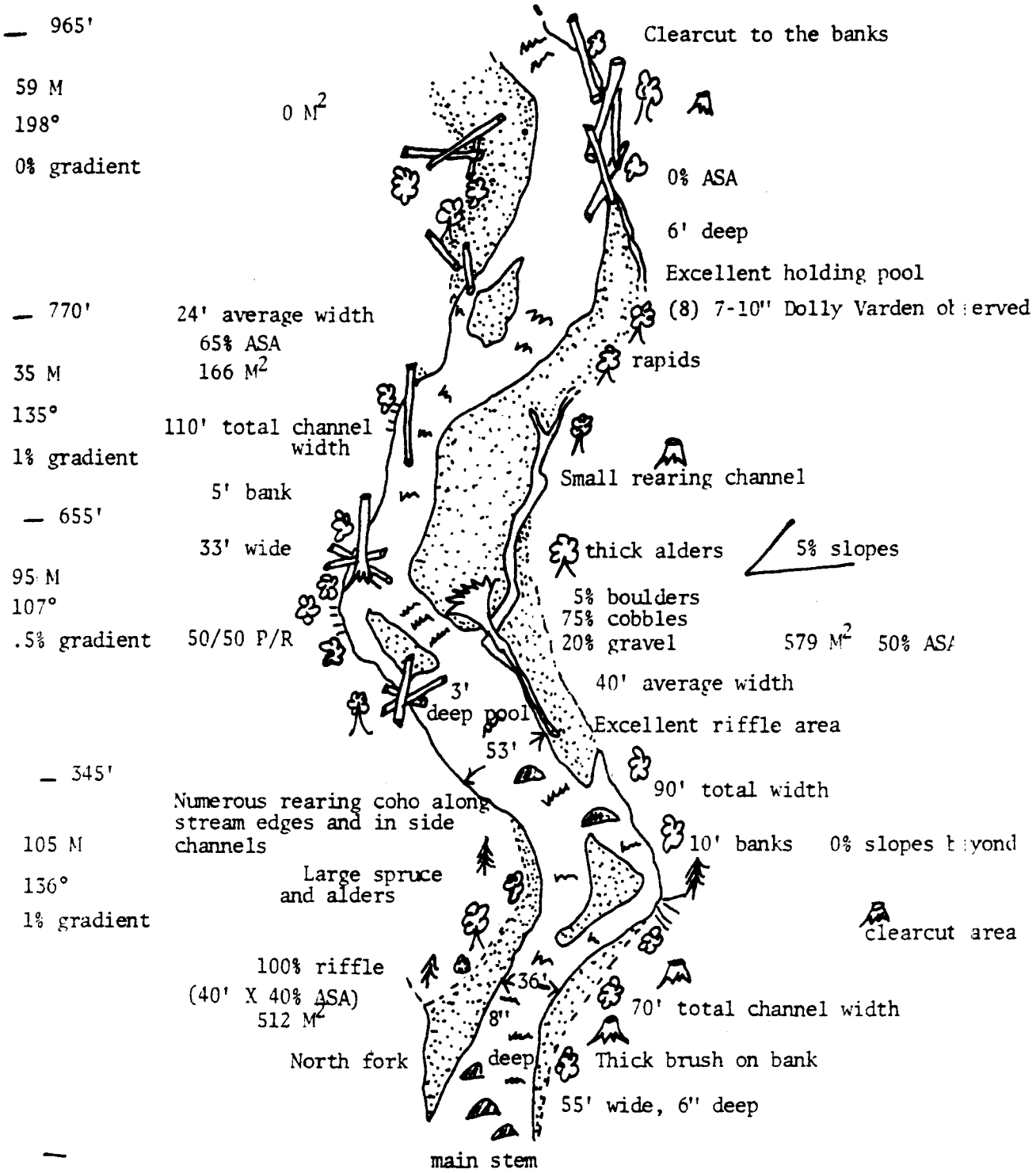
Spawning area of main stream below north fork
3465 m^2

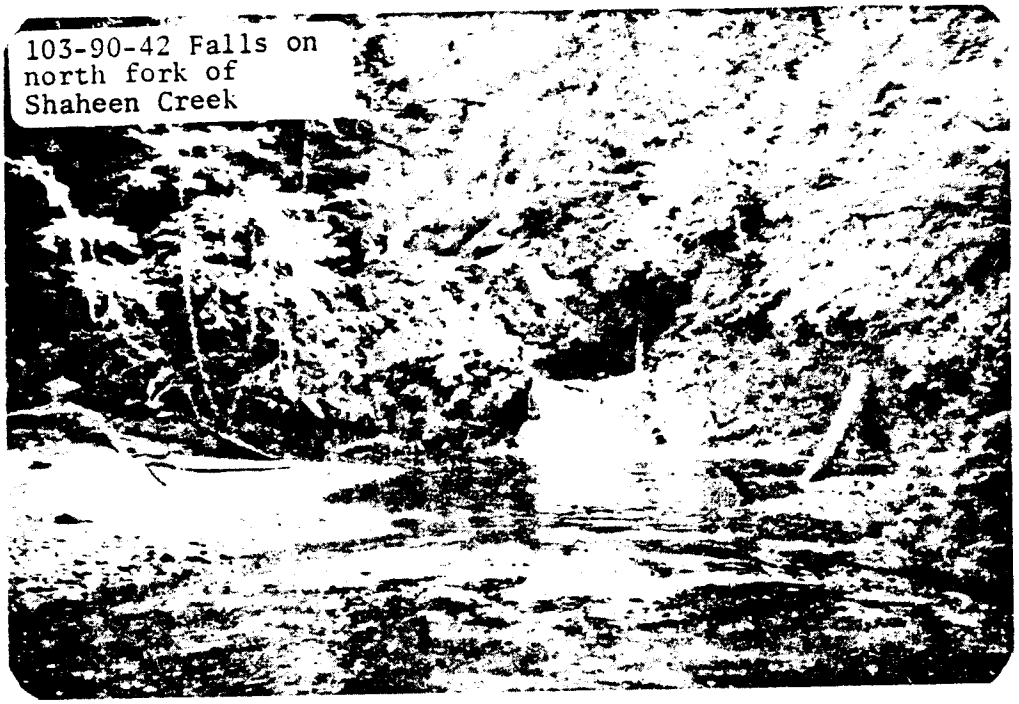


Spawning area: 1667 M^2 spawning area for this section

Fair rearing potential

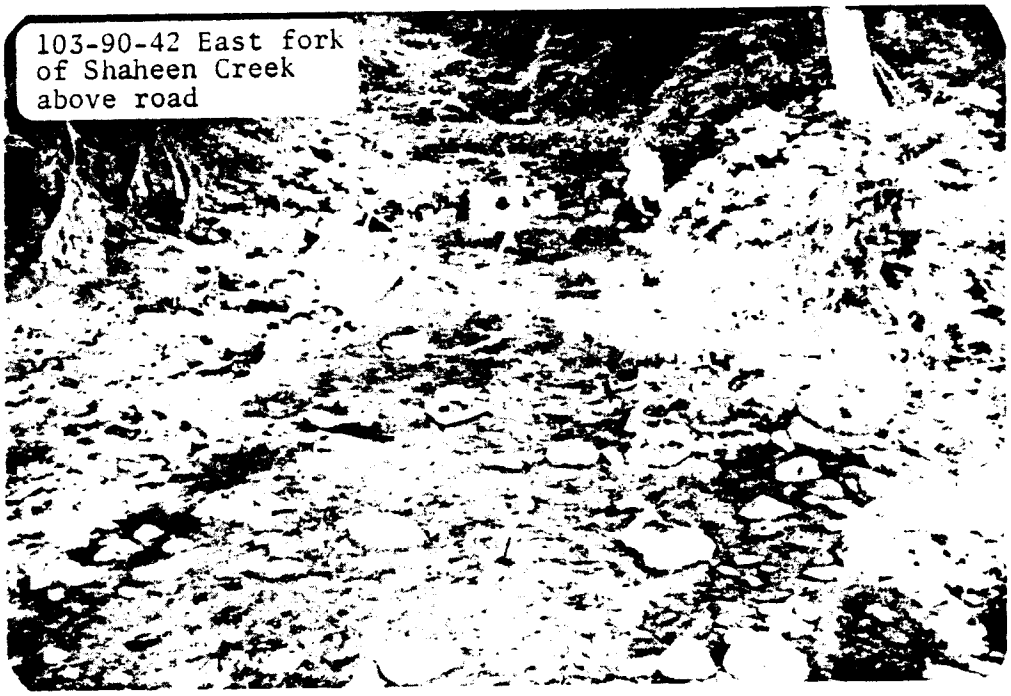
Shaheen Creek
(between confluence with Nort fork and bridge. Part I)
8/16/78
Larson




103-90-42 Falls on
north fork of
Shaheen Creek

103-90-42
Upper Bonnie Creek

103-90-42 Main stem
Shaheen Creek above
north fork


103-90-42 East fork
of Shaheen Creek
above road