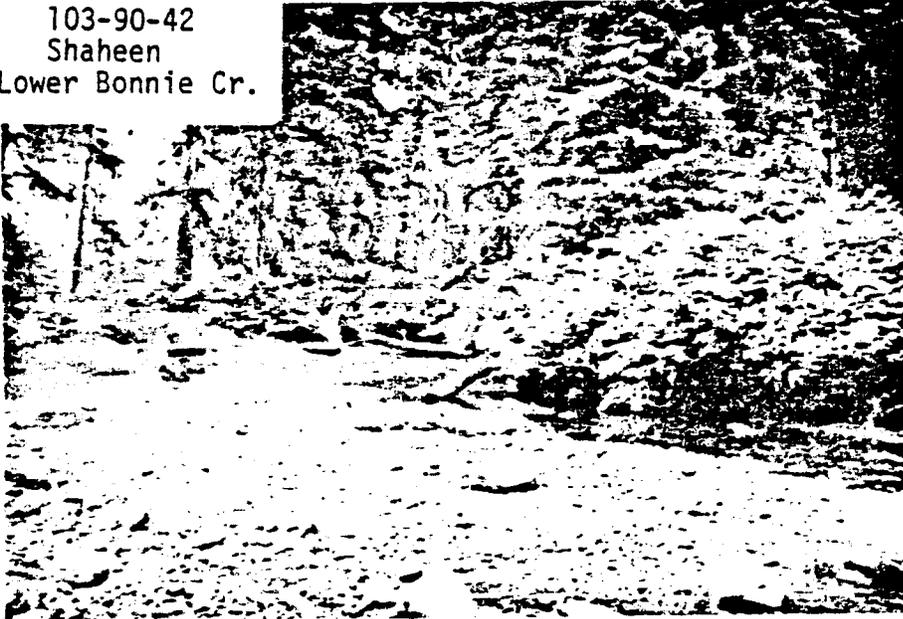


103-90-42 103-90-10420  
Mouth  
Shaheen

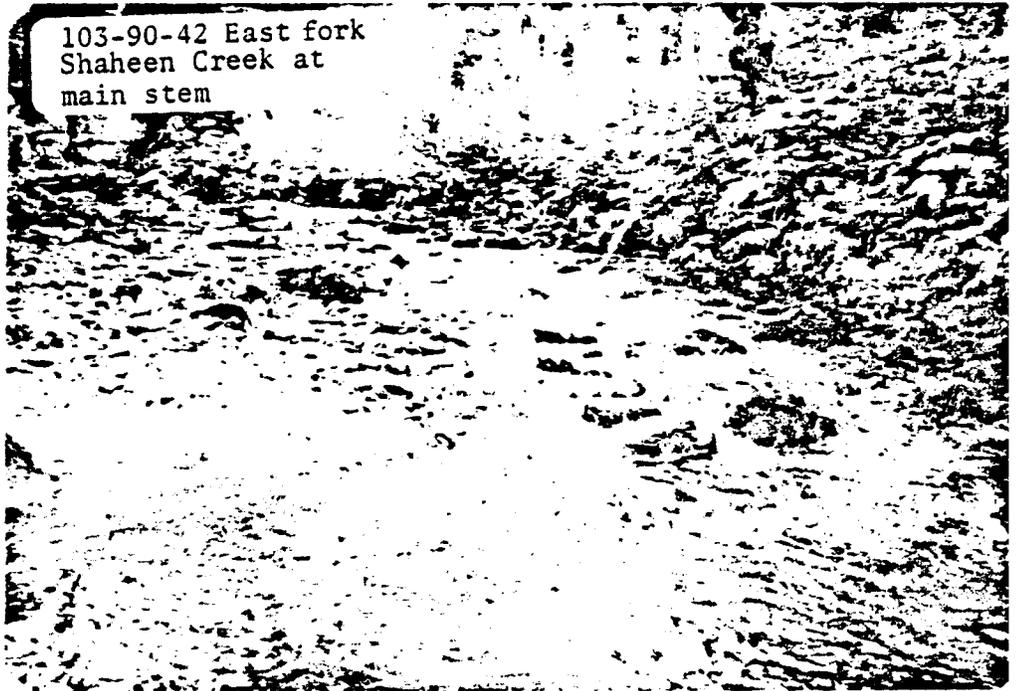


103-90-42  
Shaheen  
Lower Bonnie Cr.



103-90-42 Shaheen  
Mainstream near  
junction with  
Bonnie Creek





Shaheen Creek  
103-90-42  
1" = 1500'

East fork

Main stem  
Shaheen Creek

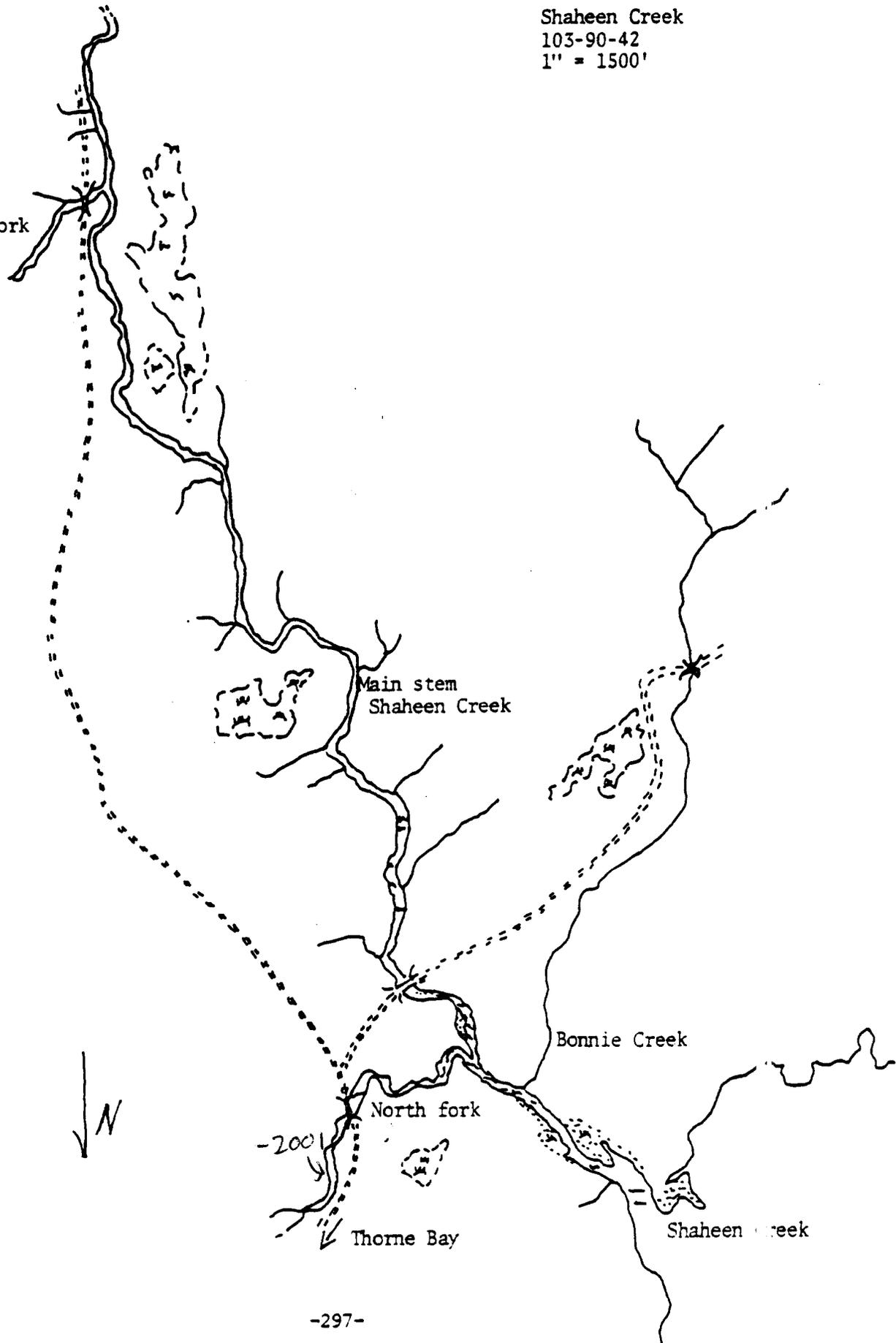
Bonnie Creek

North fork

-200-

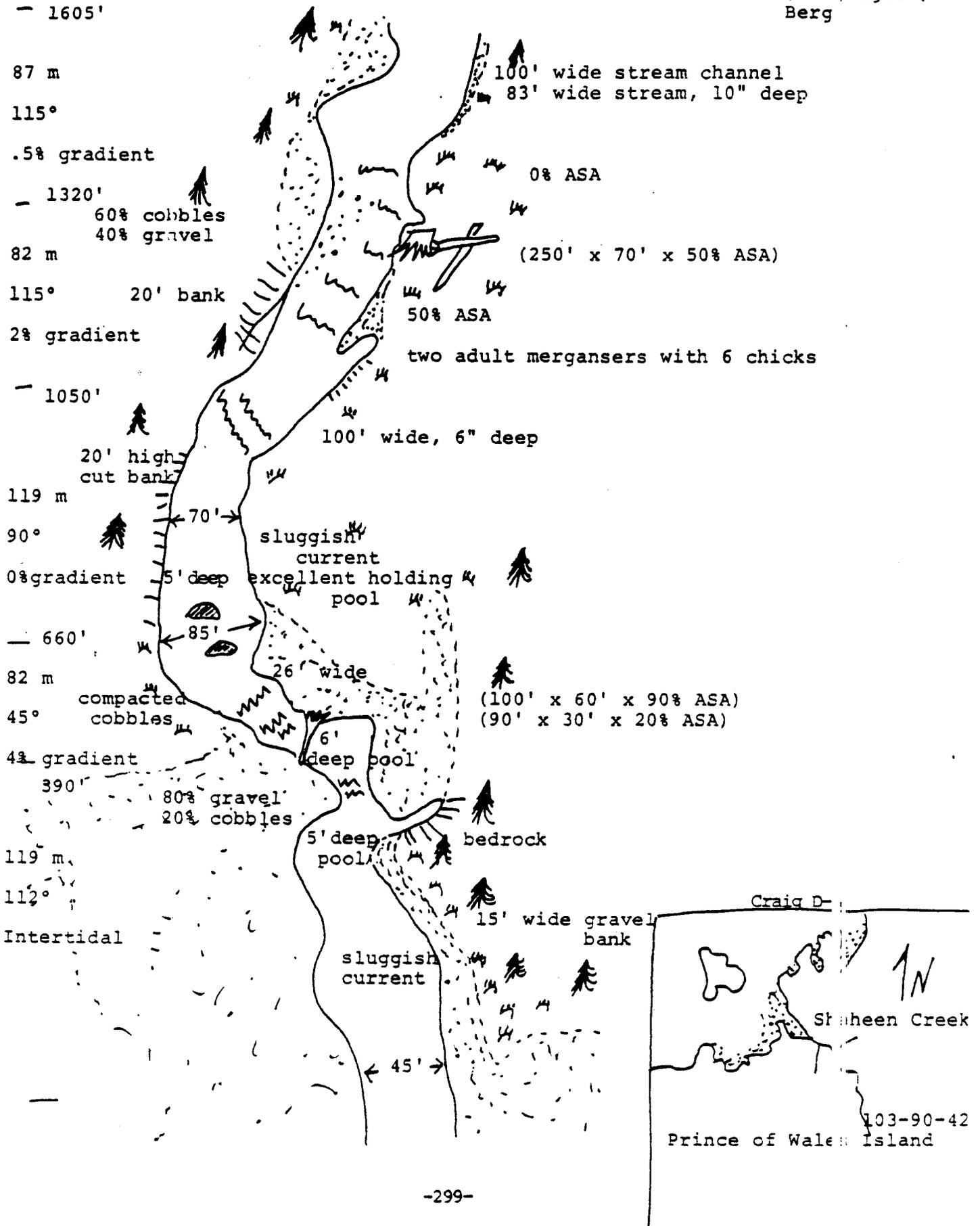
Thorne Bay

Shaheen Creek

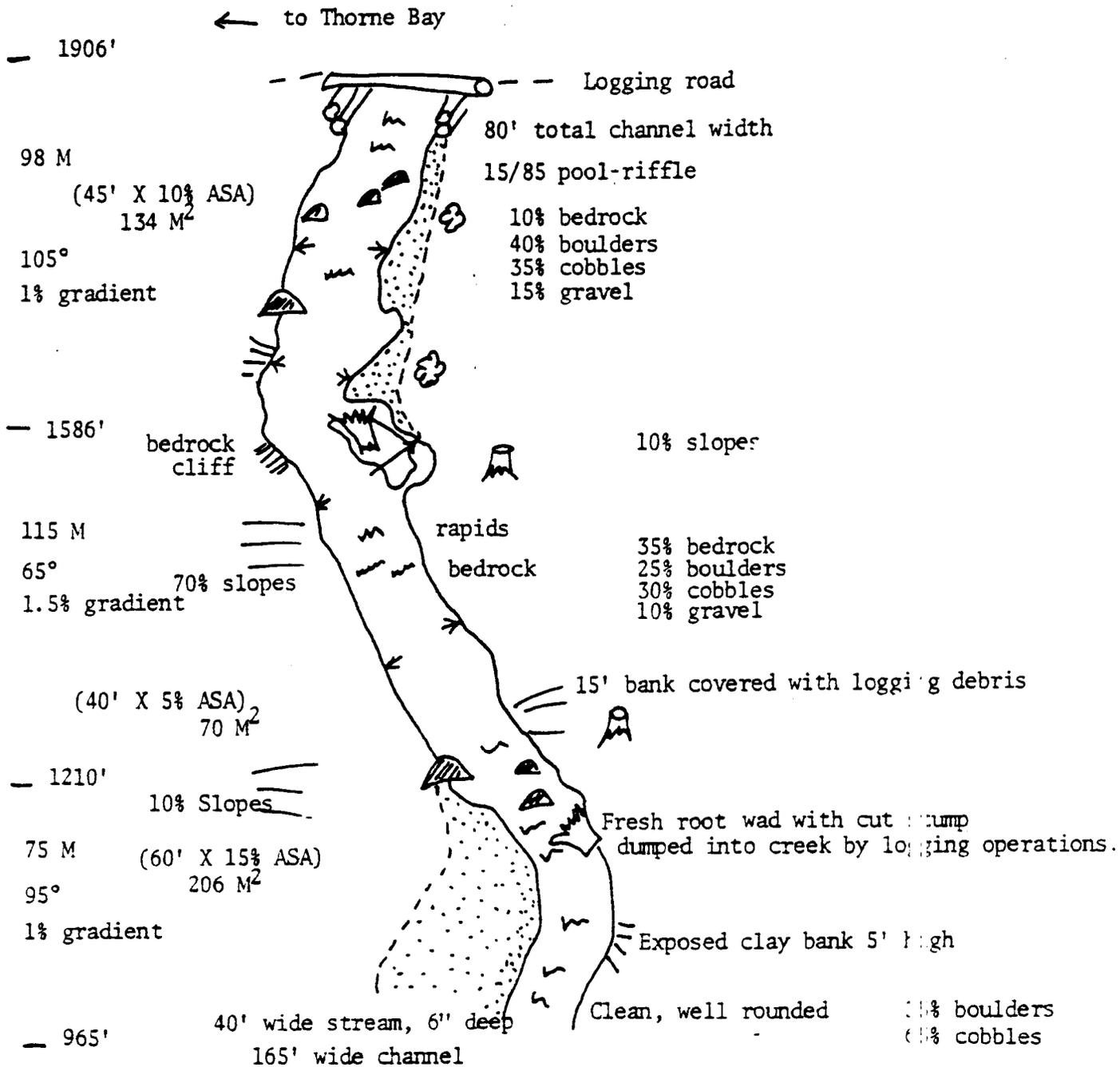


Water - 52°  
Air - 54°  
pH - 7.75

103-90-42  
Shaheen Creek  
7/8/78  
Larson, Edgington,  
Berg



(between confluence with North fork and bridge Part 2)

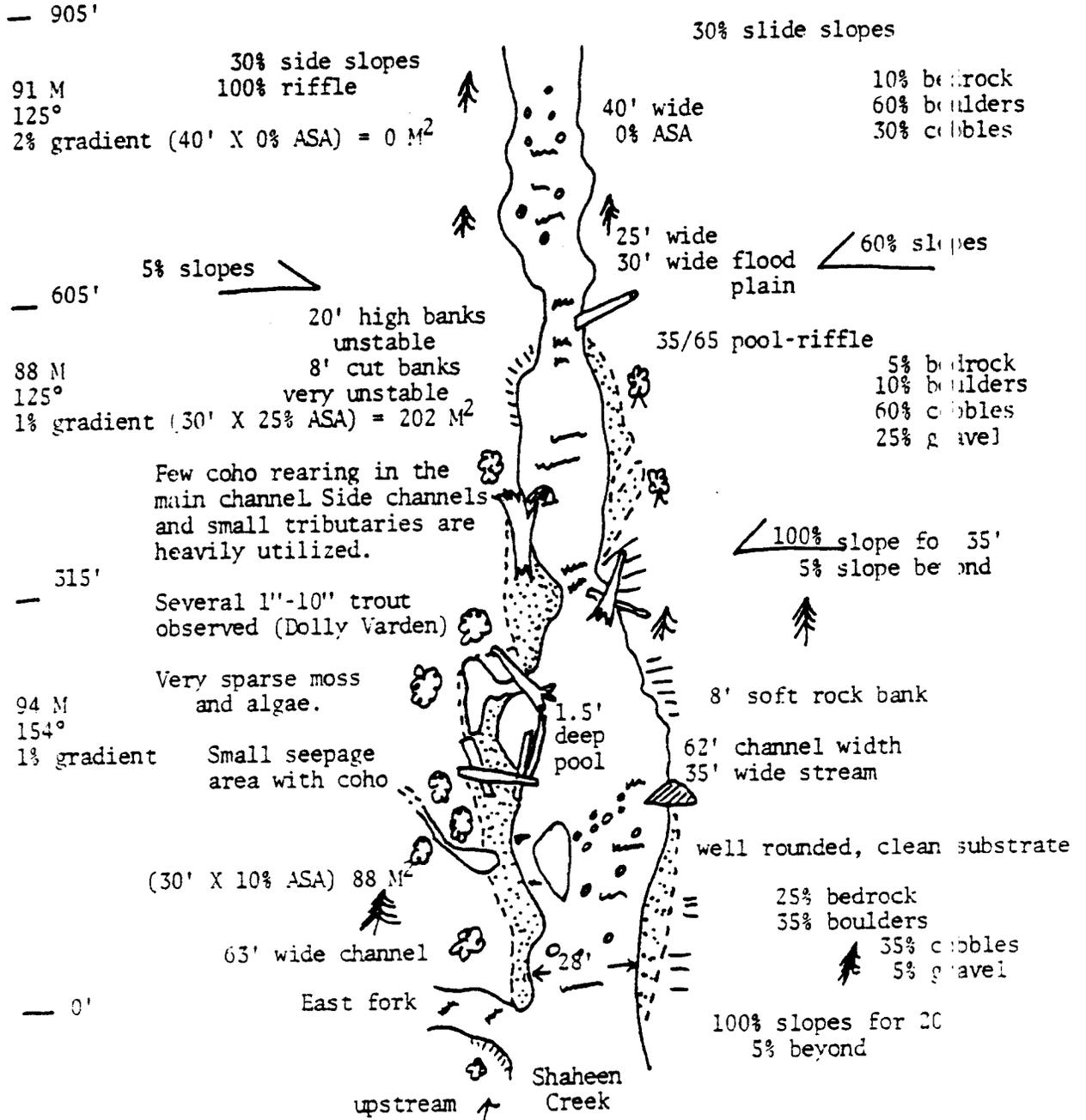




Spawning area: 290 M<sup>2</sup> for this section.  
 Poor rearing potential for coho.

Shaheen Creek  
 8/16/78  
 (above confluence with  
 East fork)

Stream continues with swift riffles, small rapids and few pools. Little good spawning or coho rearing areas observed.



103-90-10420-2001

103-90-42

North fork of Shaleen Creek

Edgington

8/16/78

Weather: clear

Water: clear

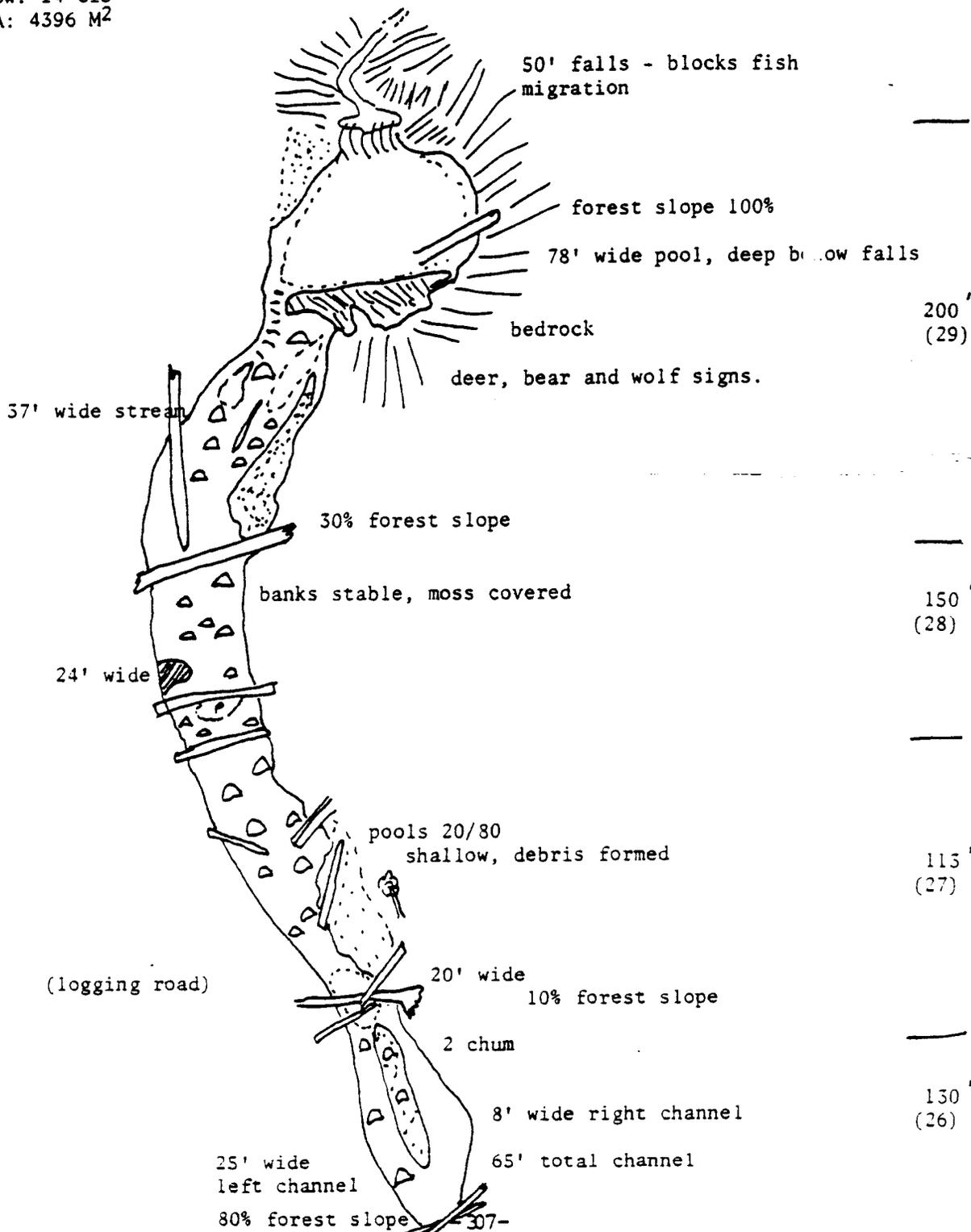
Air: 59°F

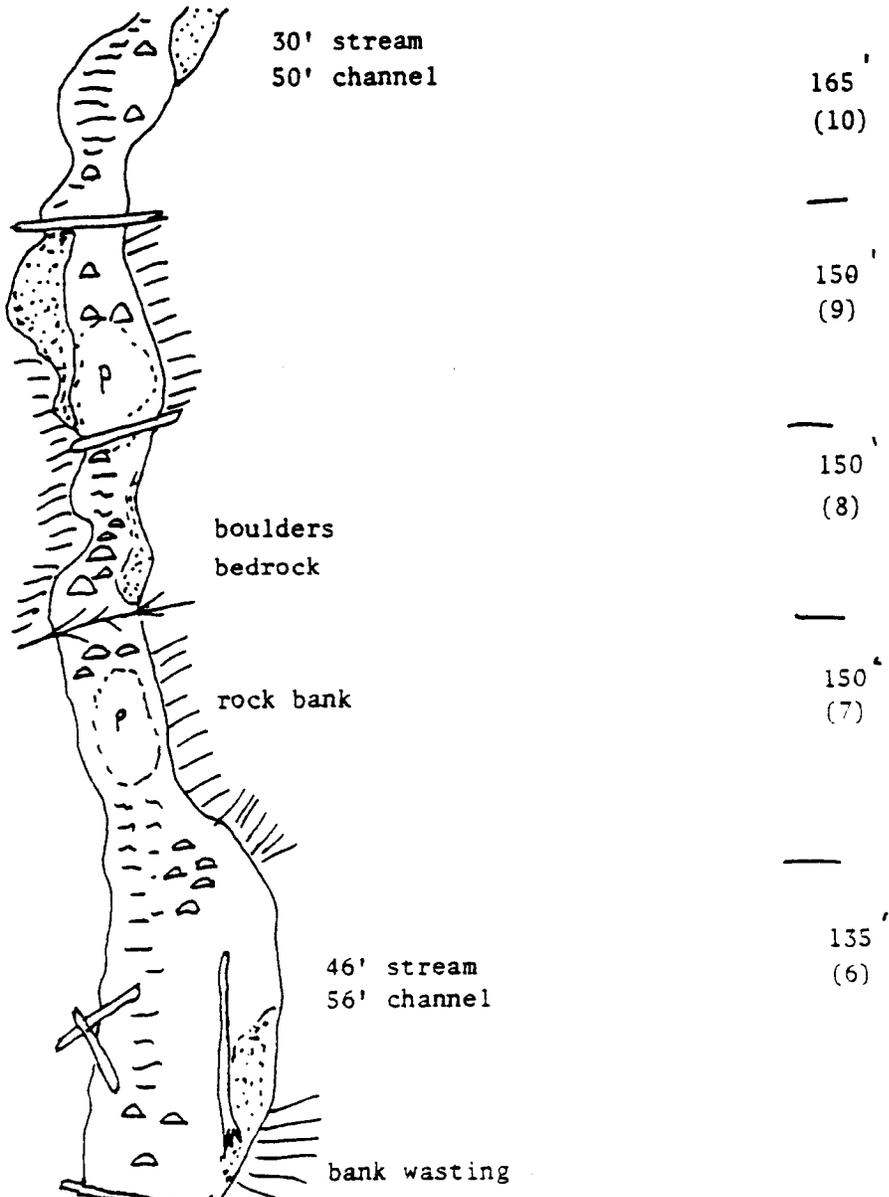
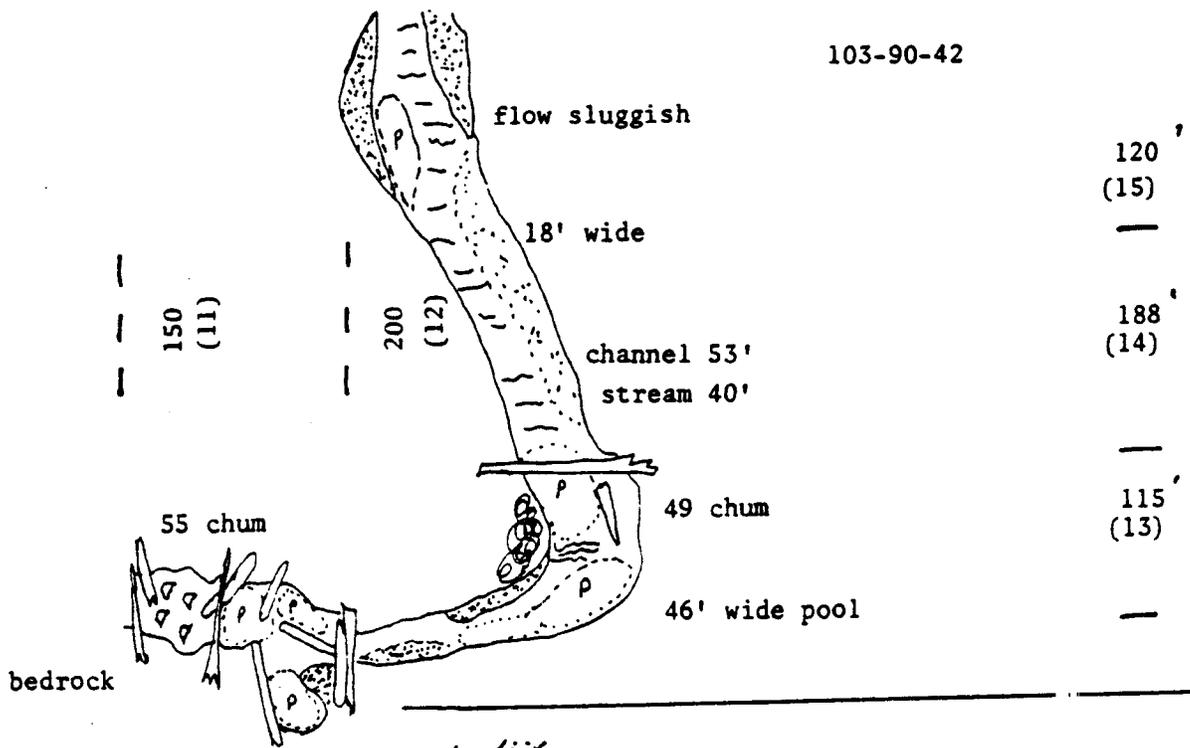
Water: 56°F

pH: 7.5

Flow: 14 cfs

ASA: 4396 M<sup>2</sup>





103-90-10420

Name: Shaheen Catalog No: 103-90-42  
 Latitude: 55°44'22" 50" Former Stream No: FRI #22 and #30, FWS #WC51, Prev. #30 FWS #22  
 Longitude: 133°14'48" 48" and #30, FWS #WC51, Prev. #30 ADF #163.  
 Geodetic Map No: Craig C-4 Work Area: Ketchikan  
 Location: head of cove at east entrance to Kaguk Cove, Shaheen Creek and its tributaries and lakes. Watershed Length: 18.9 miles  
 Drainage Area: 16.9 miles  
 Water Supply Type: runoff from forested land with scattered muskegs.

Trails & Survey Routes: logging roads provide access to much of stream and the streambed itself is easily walked at normal water levels.

Aerial Survey Notes: the mouth, intertidal, and lower stream areas are open and easily surveyed from the air. Overhead canopy upstream and along the forest prevents good visibility.

Anchorage: near the stream mouth.

Tide Stage when Surveyed: 1/2

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):  
Pink, chum, and coho salmon. Good rearing for coho. High historic escapement; 220,000 pinks 9/18/41; 45,000 chum 10/30/51; and 13,000 coho 10/30/51. Spawning area: (3465 m<sup>2</sup> main stem below North Fork) (6000' x 14' x 45% ASA-Bonnie Creek) (1000' x 15' x 10% ASA East Fork) (4396 M<sup>2</sup> -- North fork - from falls to main stem)  
 Schooling Areas: (15,000' x 35' x 20% ASA main stem above North Fork) ASA = 21,271  
several excellent holding pools are located in the intertidal area and in scattered  
 Spawning Areas: \_\_\_\_\_ pools upstream.  
distributed throughout the accessible stream length.

SHELLFISH POTENTIAL: Shaheen Creek has an extensive gravel and sand beach at the mouth which should provide good habitat for both clams and crab. (This area was not sampled.)

SPORT FISHERIES: there is reportedly a large anadromous Dolly Varden population and a few steelhead present. Dolly Varden were present in most of the larger pools during the time of survey.

LAND USE (history, present, proposed): logging activity in the drainage was initiated on a large scale within the last five years. New road was being constructed at the time of survey. Activity in this area can be expected to continue.

REHABILITATION POTENTIAL: the falls on the North Fork should be examined more closely to determine if access, at least for coho, would be possible.

SOILS: the streambed is generally composed of larger type material and is reasonably stable. Several areas of the banks are exposed and are currently being eroded.

GAME RESOURCES (species, use, habitat): two adult mergansers with six chicks, five deer and a few bear tracks observed.

# PEAK ESCAPEMENT RECORD

103-90-42 Shaheen Creek (Tuxekan Passage)

| DATE       | PINK    | CHUM      | OTHER SPECIES | REMARKS   |
|------------|---------|-----------|---------------|-----------|
| Season '59 | 20,000  | 2,000     |               |           |
| 8/17/60    | 21,000  |           |               |           |
| 9/27/60    |         | 17,000    |               |           |
| 8/15/61    | 29,600  | None seen |               |           |
| 7/25/62    |         | 11,000    |               |           |
| 9/3/62     | 15,000  |           |               |           |
| 8/12/63    | 83,000  | 1,000     |               |           |
| 8/13/64    |         | 10,000    |               |           |
| 9/10/64    | 31,500  |           |               |           |
| 8/4/65     |         | 200       |               |           |
| 8/24/65    | 102,000 |           |               |           |
| 9/1/66     | 57,900  | None seen |               |           |
| 8/21/67    | 800     | 1,700     |               |           |
| 8/14/68    |         | 9,720     |               |           |
| 8/25/68    | 15,000  |           |               |           |
| 7/16/69    |         | 700       |               |           |
| 9/3/69     | 50      |           |               |           |
| 9/1/70     | 9,000   | None seen |               |           |
| 8/15/71    | 67,500  | "         |               |           |
| 9/5/72     | 13,400  | "         |               |           |
| 8/5/73     | 3,000   |           |               |           |
| 9/17/73    |         | 40        |               |           |
| 8/12/74    |         | 4,500     |               |           |
| 8/27/74    | 10,000  |           |               |           |
| 1975       |         |           |               | No survey |

| SECTION NUMBER | LENGTH | AV. WIDTH | ASA % | ASA METERS <sup>2</sup> | STREAM GRADIENT | UPSTREAM MAGNETIC HEADING | % BEDROCK | % BOULDERS | % COBBLES | % GRAVEL | % SAND | % FINES | POOL/RIFLE RATIO (P/R) | SLOPE OF UPPER RT. BANK (ORIENTATION UPSTREAM) | SLOPE OF UPPER LEFT BANK | INVERTIBRATE CONCENTRATION | DISTANCE FROM BEGINNING OF SURVEY TO END OF SECTION |
|----------------|--------|-----------|-------|-------------------------|-----------------|---------------------------|-----------|------------|-----------|----------|--------|---------|------------------------|--|--------------------------|----------------------------|---|
| 1              | 225    | 20        | 70    | 284                     | 1               | 85                        | -         | -          | -         | -        | -      | -       |                        |  |                          |                            |   |
| 2              | 175    | 18        | 90    | 255                     | 1               | 75                        | -         | -          | 90        | 10       | -      | -       |                        |  |                          |                            | 400   |
| 3              | 100    | 8         | 40    | 29                      | 1               | 0                         | -         | -          | 90        | 10       | -      | -       |                        |  |                          |                            | 500   |
| 4              | 205    | 30        | 40    | 9                       | 1               | 0                         | -         | -          | 90        | 10       | -      | -       |                        |  |                          |                            | 705   |
| 5              | 105    | 30        | 20    | 57                      | 1               | 0                         | -         | -          | 90        | 10       | -      | -       |                        |  |                          |                            | 855   |
| 6              | 135    | 46        | 30    | 168                     | 1               | 105                       | -         | 70         | 30        | -        | -      | -       |                        |  |                          |                            | 990   |
| 7              | 150    | 30        | 5     | 20                      | 2               | 30                        | 20        | 30         | 50        | -        | -      | -       |                        |  |                          |                            | 1140  |
| 8              | 150    | 33        | 0     | 0                       | 3               | 53                        | 30        | 50         | 20        | -        | -      | -       |                        |  |                          |                            | 1290  |
| 9              | 150    | 25        | 10    | 38                      | 2               | 40                        | -         | 20         | 30        | 50       | -      | -       |                        |  |                          |                            | 1440  |
| 10             | 165    | 30        | 10    | 45                      | 2               | 80                        | -         | 20         | 30        | 50       | -      | -       |                        |  |                          |                            | 1605  |
| 11             | 150    | 30        | 10    | 45                      | 0               | 135                       | 50        | 30         | 20        | -        | -      | -       |                        |  |                          |                            | 1755  |
| 12             | 200    | 24        | 30    | 130                     | 1               | 80                        | -         | -          | 90        | 10       | -      | -       |                        |  |                          |                            | 1955  |
| 13             | 115    | 28        | 30    | 87                      | 1               | -                         | -         | -          | 90        | 10       | -      | -       |                        |  |                          |                            | 2070  |
| 14             | 188    | 40        | 95    | 643                     | 1               | 340                       | -         | -          | 50        | 50       | -      | -       |                        |  |                          |                            | 2258  |
| 15             | 120    | 35        | 100   | 378                     | 1               | 335                       | -         | -          | 50        | 50       | -      | -       |                        |  |                          |                            | 2378  |
| 16             | 150    | 40        | 20    | 108                     | 1               | 30                        | -         | -          | 50        | 50       | -      | -       |                        |  |                          |                            | 2528  |
| 17             | 150    | 30        | 20    | 81                      | 2               | -                         | -         | -          | -         | -        | -      | -       |                        |  |                          |                            | 2678  |

STREAM NUMBER:  
100-90-42  
SHEEN CREEK

COMMENTS