Catalogue of Salmon Streams and Spawning Escapements of Statistical Area 8 (Bella Coola)

FISHERIES AND MARINE SERVICE
MAY 8 1981
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August 1980

Canadian Data Report of Fisheries & Aquatic Sciences No. 219

Government of Canada Fisheries and Oceans
Gouvernement du Canada Pêches et Océans

Canadian Data Report of Fisheries and Aquatic Sciences

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Fisheries and Oceans
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CATALOGUE OF SALMON STREAMS AND SPAWNING ESCAPEMENTS OF STATISTICAL AREA 8

by

C.I. Manzon and D.E. Marshall

Fisheries and Oceans
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1090 West Pender St.
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Cat. No. Fs 97-13/219 ISSN 0706-6465

Correct citation for this publication:

Manzon, C.I. and D.E. Marshall. 1980. Catalogue of salmon streams and spawning escapements of Statistical Area 8. Can. Data Rep. Fish. Aquat. Sci. 219. xiii + 129 pp.

ABSTRACT

Manzon, C.I. and D.E. Marshall. 1980. Catalogue of salmon streams and spawning escapements of Statistical Area 8. Can. Data Rep. Aquat. Sci. 219: 129 pp.

Catalogue containing each stream's location, spawning distribution, barriers and points of difficult ascent, escapement records and general data pertaining to the stream. The catalogue also includes a topographical map of the stream's location and in some cases sketch which further describes the surrounding area.

Key words: British Columbia, Statistical Area 8, salmon streams, spawning escapements.

RÉSUMÉ

Manzon, C.I. and D.E. Marshall. 1980. Catalogue of salmon streams and spawning escapements of Statistical Area 8. Can. Data Rep. Aquat. Sci. 219: 129 pp.

Le présent répertoire fournit l'emplacement de chaque cours d'eau, la répartition des frayères, les obstacles et les points de remontée difficile, les statistiques sur la remonte et autres données générales sur le cours d'eau. Il comprend également une carte topographique du cours d'eau, et dans certains cas, un croquis décrevant la zone environnante.

Mots clés: Colombie-Britannique, zone statistique nº 8, cours d'eau à saumons, saumons de remonte.

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STREAM DATA

Asseek River 1
Atnarko River ..... (see Bella Coola River)
Bella Coola River 5
Camp Creek ..... (see Larso Bay Creek)
Cannery Bay ..... (see Kimsquit Bay)
Cascade River 9
Crab Harbour Creek ..... (see Kiltik Cove Creek)
Dean River 13
Deep Bay Creek 17
Elcho Creek 21
Eucott Bay Creek 25
Evans Inlet Creeks 29
Fish Egg Creek 33
Four Lakes Creek 37
Frenchman Creek 41
Green Bay River ..... (see Nooseseck River)
Green River 45
Hook Nose Creek 49
Jenny Bay Creeks 53
Kiltik Cove Creek 57
Kimsquit Bay 61
Kimsquit River (and Lake) 65
Kisameet River 69
Koeye River 73
Kwatna River 77
Larso Bay Creek 81
Martin River 85
Namu River 89
Neeleetsconnoy River 93
Nieumiamus River 97
Noeick River 101
Nooseseck River 105
Nootsum River 109
Port John Creek ..... (see Hook Nose Creek)
Quatlena River 113
Sagar Creek 117
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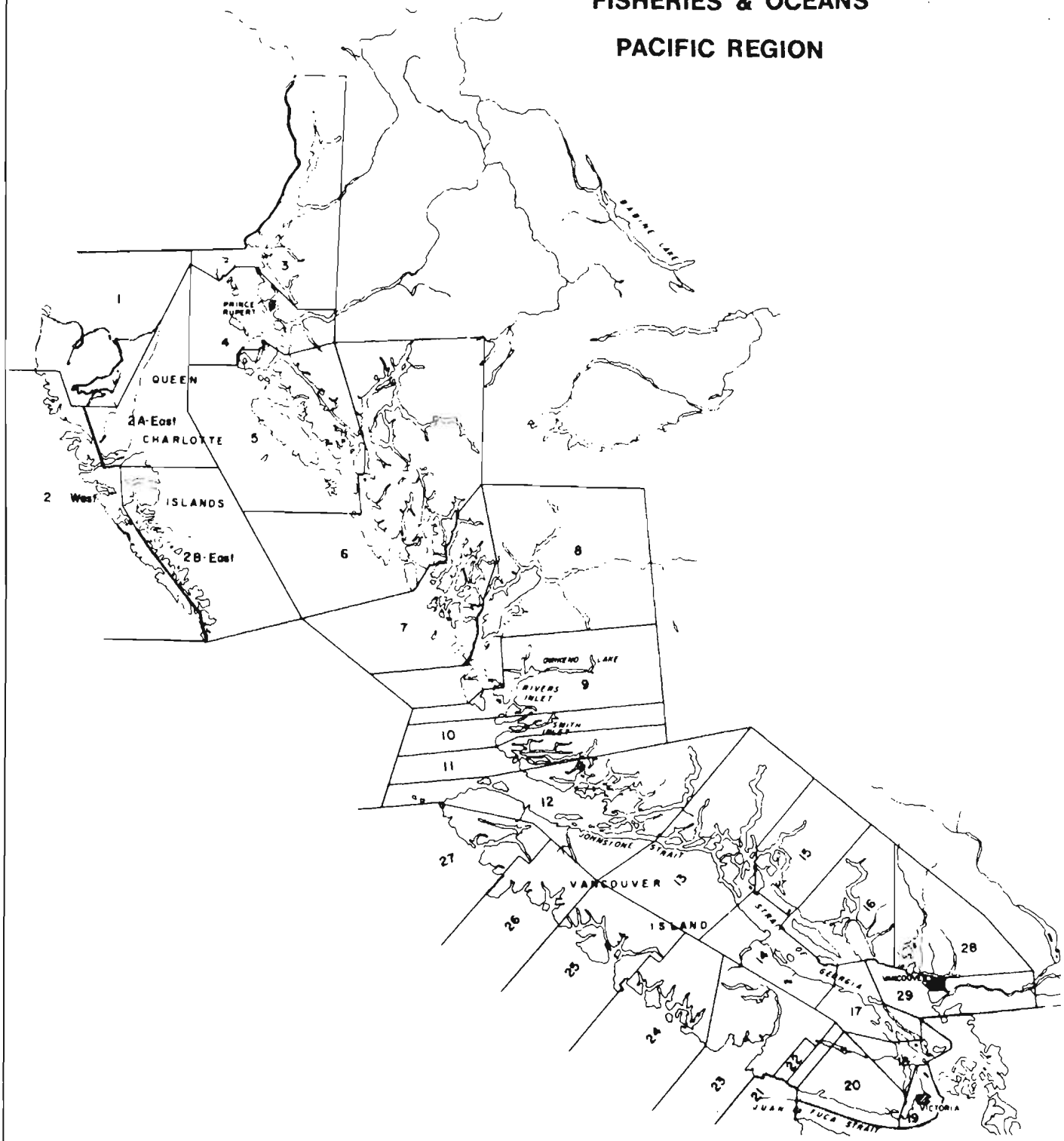
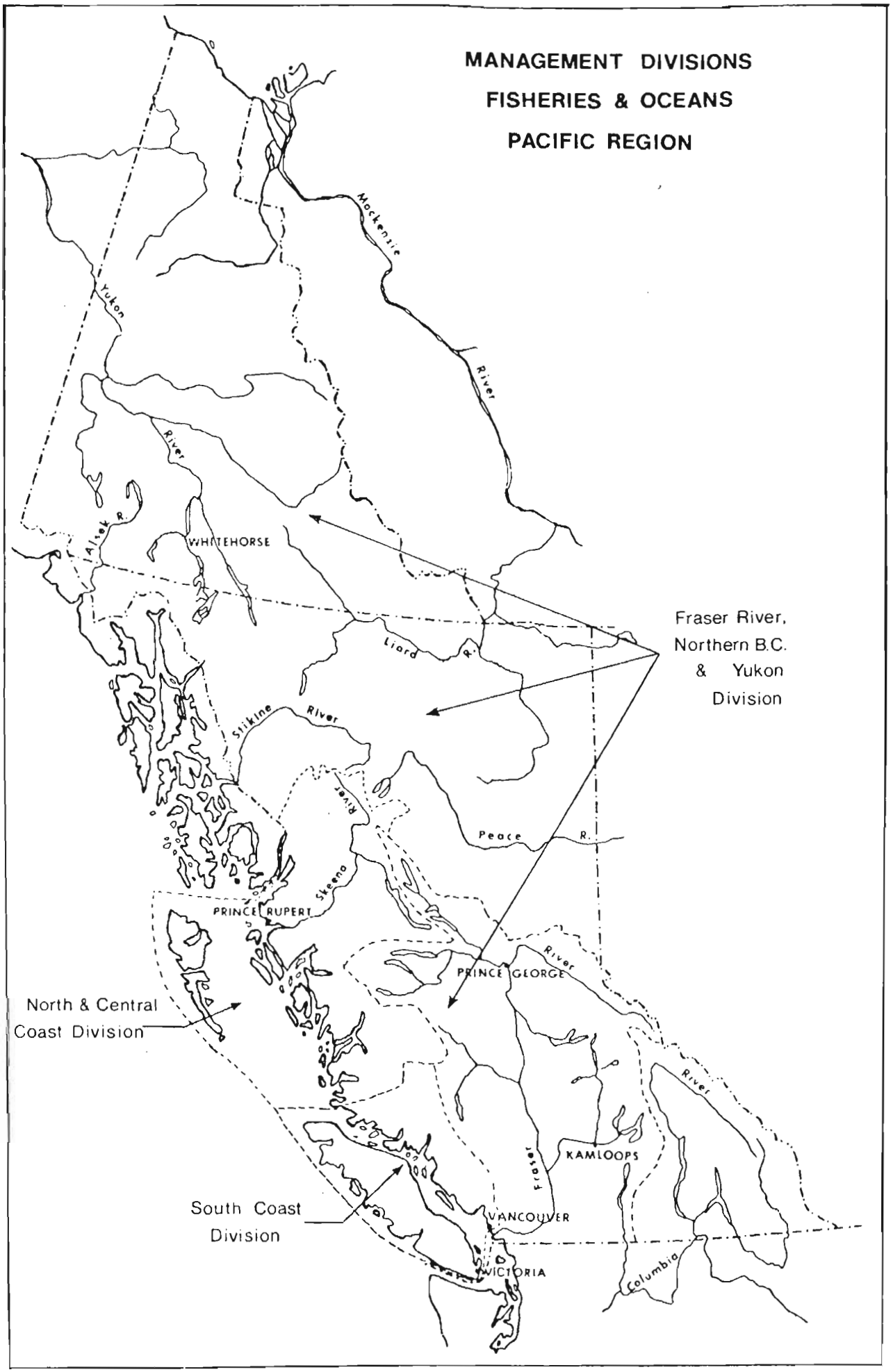
Skowquiltz River 121
Taleomey River 125
Tallheo Cannery Creek .....(see Nieumiamus Creek)

Metric Equivalents 129

STATISTICAL AREAS
FISHERIES & OCEANS
PACIFIC REGION




MANAGEMENT DIVISIONS
FISHERIES & OCEANS
PACIFIC REGION
Mackenzie
River
Yukon
River
Alsek R.
WHITEHORSE
Liard
R.
Stikine
River
River
Skeena
Peace
R.
PRINCE RUPERT
PRINCE GEORGE
River
River
KAMLOOPS
Fraser
VANCOUVER
VICTORIA
Columbia
Fraser River, Northern B.C. & Yukon Division
North & Central Coast Division
South Coast Division

MAP REFERENCES

Roads:

- hard surface, all weather — more than 2 lanes
- hard surface, all weather — 2 lanes, Route No. 18, less than 2
- loose surface, all weather — 2 lanes unde or more
- " less than 2 lanes — all weather, dry weather
- Private Road, Trail — Private Road, Trail

Railways:

- normal gauge, multiple track — Station
- normal gauge, single track — Stop
- abandoned, or under construction — Siding
- narrow gauge, single track
- Bridge, underpass or overpass
- Tunnel

- Boundary, International
- " Province
- " County or District
- " Township or Parish
- " City or Town
- " Reservation, Indian, Military, etc
- Power Transmission Line
- Telephone or Telegraph, trunk route
- Horizontal Control Point
- Boundary Marker
- Bench Mark — BM 2975
- Spot Elevation, (in feet) — 5752
- Mine or Pit

- Road, Hard Surface, All Weather — Route No. 99, 2 Lanes
- " Loose Surface, All Weather — 2 Lanes
- " Loose Surface, Less than 2 lanes — All Weather, Dry Weather
- " Private (Logging, Mining etc.)
- " Four Wheel Drive
- Trail
- Railway — Station, Flag Stop
- Main Telephone Line
- Main Electric Power Line — Along Road, Wooden Poles, Steel Poles
- Horizontal Control Station
- Contours (Interval 500 feet) — 5000
- Elevation in feet above mean sea-level — 2584 · 6312'
- Intermittent Stream
- Swamp or Marsh
- Dam
- Spring — S
- Navigation Light
- Mine
- Glacier
- Customs Office — Cust.

- House, Building
- School — S
- Church
- " with conspicuous Tower or Spire
- Post Office — P
- Tower, Radio Mast, Lookout, etc.
- Cemetery — Cem
- Quarry
- Sand or Gravel Pit
- Cliff
- Cutting
- Embankment
- Saw Mill — SM

- Lighthouse
- Wharf or Pier
- Foreshore Flats — Sand, Mud
- Swamp or Marsh
- Lake or Pond, intermittent
- Glacier or Snowfield
- Stream, intermittent
- Irrigation Canals, Ditches
- Inundated Land, seasonal
- Contours, elevation — 500, 400
- " depression — 500, 400
- " approximate — 500, 400
- Forest, unclassified

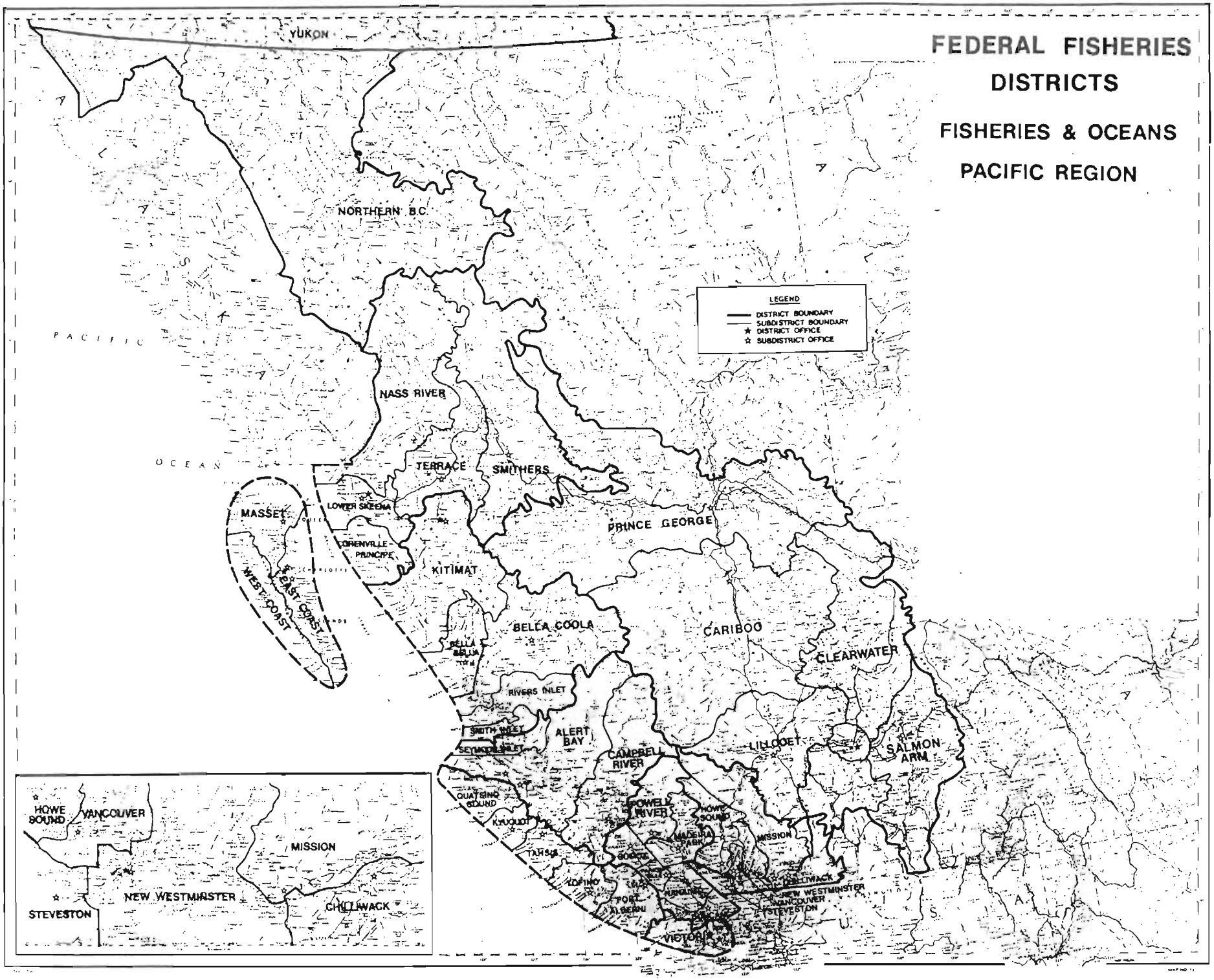
- Surveyed timber license number ..... TL 2841
- Lot number ..... L 124 or S 66
- Building
- School
- Non-perennial stream
- Marsh or Swamp
- Glacier
- Foreshore flats — Sand
- Contours, elevation — 500
- Contours, depression
- Forest

- City or large town
- Town
- Village or settlement ..... O
- Post office — P
- School
- Church
- Boundary monument
- Astronomical position
- Horizontal control point

Streams:

- intermittent or dry
- indefinite
- Irrigation canal or ditch
- Rapids, falls — R F
- Aerodrome
- Landing ground
- Intermittent lake
- Marsh or swamp
- Sand, gravel or mud
- Wooded areas
- Seaplane base
- Seaplane anchorage

- Streams
- Highways
- Roads
- Trails
- Houses
- Railroad
- Falls
- Rapids
- Rip-Rap
- Bridges
- Dam
- Log Jams
- Log
- Power Line
- Coho — CO
- Chum — CM
- Pink — P
- Chinook — CK
- Sockeye — S


FEDERAL FISHERIES
DISTRICTS
FISHERIES & OCEANS
PACIFIC REGION
LEGEND
DISTRICT BOUNDARY
SUBDISTRICT BOUNDARY
DISTRICT OFFICE
SUBDISTRICT OFFICE
YUKON
NORTHERN B.C.
PACIFIC
OCEAN
NASS RIVER
TERRACE
SMITHERS
LOWER SKEENA
MASSET
QUEEN CHARLOTTE ISLANDS
WEST COAST
EAST COAST
QUEENSVILLE-PRINCE RUPERT
KITIMAT
PRINCE GEORGE
BELLA COOLA
BELLA BELLA
CARIBOO
CLEARWATER
RIVERS INLET
SMITH INLET
SEYMOUR INLET
ALERT BAY
CAMPBELL RIVER
LILLOOET
SALMON ARM
QUATSINO SOUND
KYUQUOT
POWELL RIVER
HOWE SOUND
MADEIRA PARK
MISSION
TAHSIS
GOLDSTREAM
LOFINO
LAKE COWICHAN
HUNTINGDON
CHILLIWACK
NEW WESTMINSTER
VANCOUVER
STEVESTON
PORT ALBERNI
VICTORIA
HOWE SOUND
VANCOUVER
MISSION
NEW WESTMINSTER
STEVESTON
CHILLIWACK

FEDERAL FISHERIES DISTRICTS
FISHERIES & OCEANS

PACIFIC REGION

DISTRICT AND SUBDISTRICT OFFICES	ADDRESSES	TELEPHONE NUMBERS
DISTRICT #1 KAMLOOPS	202 Federal Bldg., 317 Seymour St., Kamloops, B.C., V2C 2E9	374-4322
Salmon Arm	Box 1160, Salmon Arm, B.C., V0E 2T0	832-8037
Prince George	Box 267, Postal Stn. A, Prince George, B.C., V2L 4S1	564-7030
Clearwater	P.O. Box 610, P.O. Building, Clearwater, B.C., V0E 1N0	674-9633
Lillooet	Box 315, Lillooet, B.C., V0K 1V0	256-4525
Cariboo	Box 4340, Quesnel, B.C., V2J 3J3	992-2434
DISTRICT #2 NEW WESTMINSTER	309 - 549 Columbia St., New Westminster, B.C., V3L 1B3	545-7181
Surrey	309 - 549 Columbia St., New Westminster, B.C., V3L 1B3	545-7181
Vancouver Waterfront	309 - 549 Columbia St., New Westminster, B.C., V3L 1B3	545-7181
Mission	Box 3308, Mission, B.C., V2V 4J5	826-3664
Chilliwack	Ste. 5, 9 Mary Street, Chilliwack, B.C., V2P 4G9	792-6011
Steveston	1255 No. 1 Road, Richmond, B.C., V7E 1T7	274-7217
Coquitlam	309 - 549 Columbia St., New Westminster, B.C., V3L 1B3	545-7181
Squamish	Box 85, Squamish, B.C., V0N 3G0	892-3230
DISTRICT #3 NANAIMO	204 - 60 Front St., Nanaimo, B.C., V9R 5H7	876-274
Parksville	Box 1120, Parksville, B.C., V0R 2S0	248-6710
Comox	Box 1328, Comox, B.C., V9N 3Z9	339-2031
Duncan	Box 241, Duncan, B.C., V9L 3X3	746-6221
Powell River	4770 Joyce Ave., Powell River, B.C., V8A 3B6	485-9621
Pender Harbour	Box 10, Madeira Park, B.C., V0N 2H0	883-2313
DISTRICT #4 PORT ALBERNI	P.O. Box 280, Federal Bldg., Port Alberni, B.C., V9Y 7M7	724-0195
Tofino	Box 48, Tofino, B.C., V0R 2Z0	725-3468
Tahsis	Box 549, Tahsis, B.C., V0P 1X0	934-6606
Port Hardy	Box 10, Port Hardy, B.C., V0N 1P0	949-6422
DISTRICT #5 CAMPBELL RIVER	215 - 950 Alder St., Campbell River, B.C., V9W 2P8	287-2102
Port Hardy	Box 10, Port Hardy, B.C., V0N 2P0	949-6422
Alert Bay	Box 263, Alert Bay, B.C., V0N 1A0	974-5216
DISTRICT #6 VICTORIA	116 - 816 Government St., Victoria, B.C., V8W 1W9	566-3252
Saanich	116 - 816 Government St., Victoria, B.C., V8W 1W9	566-3252
Sooke	Box 831, Sooke, B.C., V0Z 1N0	642-5322
DISTRICT #7 KITIMAT	312 - 450 Federal Bldg., City Centre, Kitimat, B.C., V8C 1T6	632-6158
Butedale	312 - 450 Federal Bldg., City Centre, Kitimat, B.C., V8C 1T6	632-6158
Bella Bella	Box 38, Bella Bella, B.C., V0T 1B0	957-2312
Bella Coola	Box 130, Bella Coola, B.C., V0T 1C0	799-5345
Rivers Inlet	Dawsons Landing P.O., Rivers Inlet, B.C., V0N 1M0	Radio Ph.
DISTRICT #8 PRINCE RUPERT	109 - 417 Second Ave. West, Prince Rupert, B.C., V8J 1G8	624-9137
Lower Nass	109 - 417 Second Ave. West, Prince Rupert, B.C., V8J 1G8	624-9137
Upper Nass	P.O. Box 29, Nass Camp P.O., B.C., V0N 3J0	633-2408
Skeena	109 - 417 Second Ave. West, Prince Rupert, B.C., V8J 1G8	624-9137
Grenville-Principe	109 - 417 Second Ave. West, Prince Rupert, B.C., V8J 1G8	624-9137
Hazelton	Box 327, Hazelton, B.C., V0J 1Y0	842-6327
Terrace	4721-B Lazelle Ave., Terrace, B.C., V8G 1R6	635-2206
Smithers	Box 578, Smithers, B.C., V0J 2N0	847-2312
DISTRICT #9 QUEEN CHARLOTTE	Box 99, Q.C. City, Queen Charlotte Islands, B.C., V0T 1S0	559-4413
Sandspit	Box 222, Sandspit, B.C., V0T 1T0	637-5340
Masset	Box 99, Masset, B.C., V0T 1M0	626-3316
DISTRICT #10 WHITEHORSE	122 Industrial Road, Whitehorse, Yukon Territories, Y1A 2T9	403-667-2235
Haines Junction	P.O. Box 5341, Haines Junction, Y.T., Y0B 1L0	403-667-2235

STANDARDS USED ON STREAM DATA PAGE

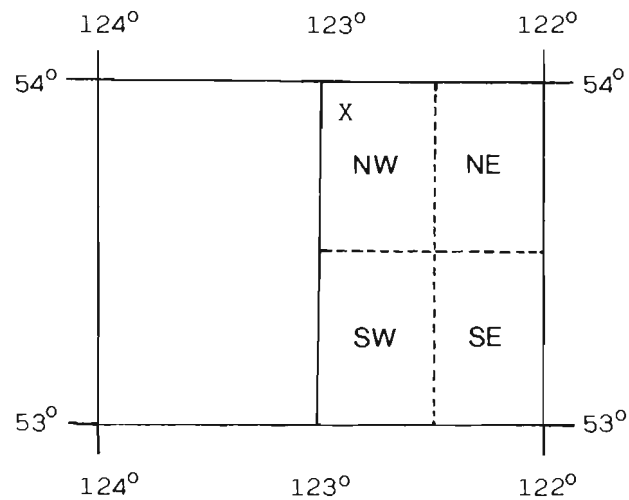
Name of Stream: Name as given in Gazetteer of Canada, British Columbia 1966 edition; local or non-gazetted names are added in lower case type.

Conservation District: As defined by the Conservation and Protection Service (April 1965).

Statistical Area: As defined by Department of the Environment, Fisheries Operations Statistical Map (January 1974).

Location and Position: Defined by quadrant indexing. Each geographical quadrilateral of the earth's surface of 1 degree in extent in latitude and longitude is divided into the SE, SW, NE and NW quarters. The south-east corner of each quadrilateral gives the initial point for the figure of reference (Gazetteer of Canada).

EXAMPLE "X"
53° 122° NW



Length: The portion of the stream accessible to spawning salmon.

Width: Average width, estimated to the nearest metre for the described length.

Drainage: Area in square kilometres of the entire drainage basin feeding the stream.

Composition:

Bedrock	bedrock
Boulder	>256 mm
Coarse	50.9 - 256 mm
Fine	3.37 - 50.8 mm
Sand & Silt	<3.37 mm
Unclassified	where bottom cannot be observed, e.g. log jams, pools, water colour, etc.

Gradient: Expressed as a percentage

Wetted Area: Number of square metres of stream bed under water at average flows within the described length.

Spawning Area: Estimated square metres of stream bed suitable for salmon spawning within the described length.

Discharge: Mean annual discharge. Maximum and minimum values are either daily means or instantaneous discharges. The latter are identified by (Inst.). Discharge data is taken from "Historical Stream Flow Summary", British Columbia, Water Survey of Canada.

Temperature: As described. (°C)

Barriers and Points of Difficult Ascent: Complete and partial barriers to salmon and their distance from the stream mouth. Species likely to be affected may be listed. Both natural and man-made obstructions are defined.

Spawning Distribution: Portion of the stream utilized by each species. Distribution is indicated by brief comments opposite the species.

Potential of Inaccessible Portion of Stream: Indicates whether or not the inaccessible portion of the stream could be utilized by spawning salmon.

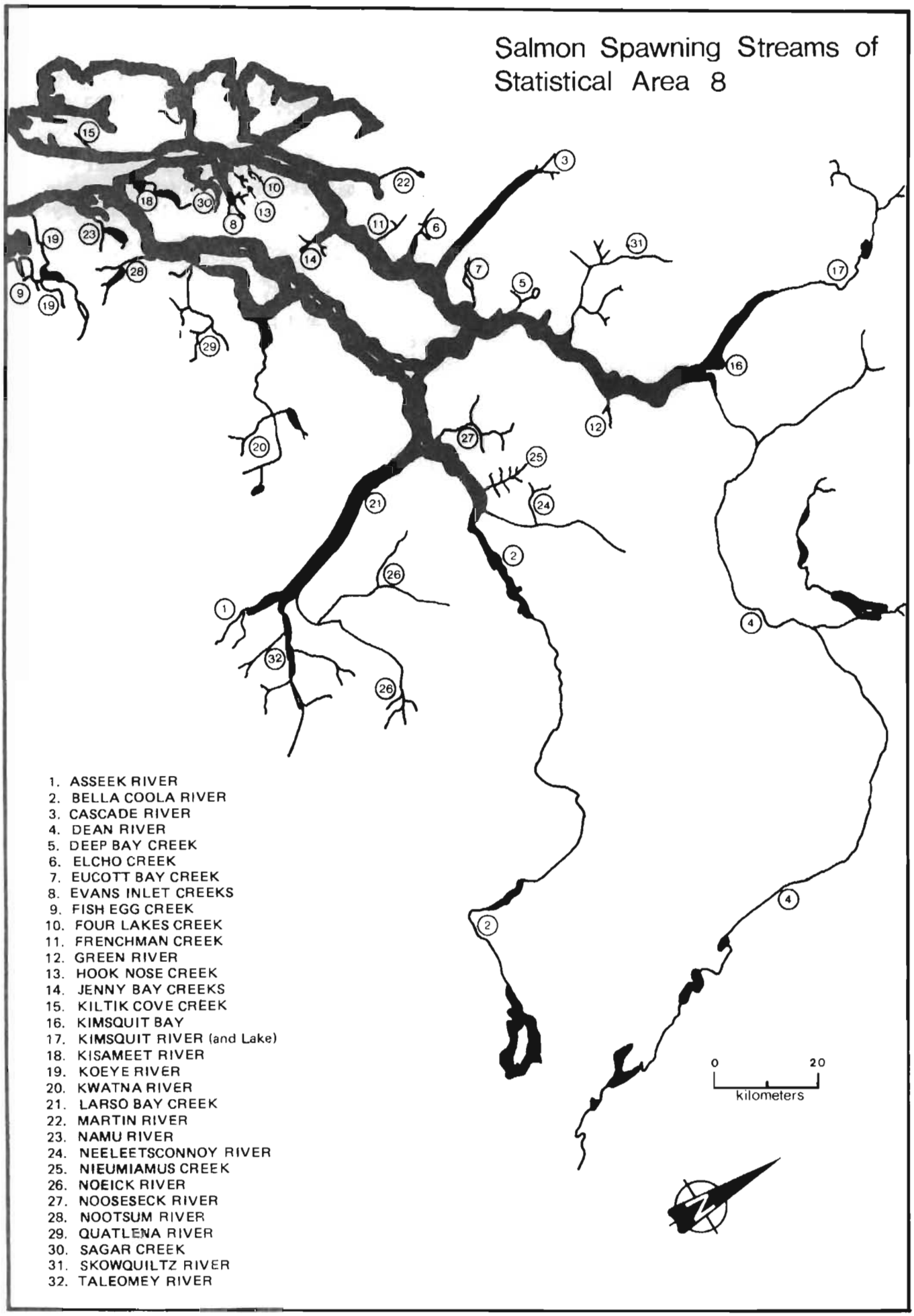
General Remarks: Emphasizes features of stream and spawning populations. Also includes industrial activity, routes of accessibility, etc. The comments with dates are taken from "Annual Reports of Salmon Streams & Spawning Grounds" (B.C. 16's). In some cases, references to additional information not included in the General Remarks may be given.

Escapement Records: The escapement represents the mid point of the coded range of escapement for each species. For example: the letter "H" representing 5000-10000 fish would be entered as 7500. Where absolute numbers are provided by Fisheries Personnel, these numbers are entered. N/O means the stream was inspected but no fish were observed; UNK means there was evidence of fish present but no estimates were made; NO RECORDS means no escapement records for the applicable years could be found in the escapement files.

Timing: Dates which salmon arrive in the stream, begin to spawn, reach peak spawning period and finish spawning.

E = early (1st to 10th of the month)
M = mid (11th to 20th of the month)
L = late (21st to end of the month)

NB: Distance references are from the mouth of the stream unless otherwise stated.


Salmon Spawning Streams of Statistical Area 8
1. ASSEEK RIVER
2. BELLA COOLA RIVER
3. CASCADE RIVER
4. DEAN RIVER
5. DEEP BAY CREEK
6. ELCHO CREEK
7. EUCOTT BAY CREEK
8. EVANS INLET CREEKS
9. FISH EGG CREEK
10. FOUR LAKES CREEK
11. FRENCHMAN CREEK
12. GREEN RIVER
13. HOOK NOSE CREEK
14. JENNY BAY CREEKS
15. KILTIK COVE CREEK
16. KIMSQUIT BAY
17. KIMSQUIT RIVER (and Lake)
18. KISAMEET RIVER
19. KOEYE RIVER
20. KWATNA RIVER
21. LARSO BAY CREEK
22. MARTIN RIVER
23. NAMU RIVER
24. NEELEETSCONNOY RIVER
25. NIEUMIAMUS CREEK
26. NOEICK RIVER
27. NOOSESECK RIVER
28. NOOTSUM RIVER
29. QUATLENA RIVER
30. SAGAR CREEK
31. SKOWQUILTZ RIVER
32. TALEOMEY RIVER
0
20
kilometers
N

ESCAPEMENT RECORD FOR STATISTICAL AREA 8

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	20475	14500	25400	149650	143950	10500
48	46055	5750	22429	48225	166766	3750
49	97100	9750	38550	140700	339150	5000
50	94550	16500	68200	190250	260600	11750
51	90900	19250	81200	278200	334250	8250
52	88150	37250	42975	283125	308650	4250
53	92700	9000	35550	302475	313400	11000
54	99650	18750	117950	205825	383075	8500
55	88500	17250	61350	66400	288575	9000
56	92700	38500	116650	194925	444425	15000
57	170603	15000	107495	121048	571583	7500
58	19248	35000	63368	157099	283609	7500
59	91250	15000	106565	77275	530550	
60	48518	7500	44020	93187	1563315	
61	39776	15000	69814	92465	1247704	
62	81500	7500	50323	150725	3908788	
63	76500	35000	98925	236650	746725	
64	37550	35750	97175	209225	712750	750
65	17250	19250	61500	13600	221350	
66	18275	19250	66550	135325	939125	
67	55900	29250	6650	100800	65800	20000
68	13750	26300	95000	269250	2094250	
69	40750	16900	19500	82100	54925	
70	40000	12500	72900	279400	756100	
71	164000	39250	43625	97900	248650	12000
72	49925	21325	39350	221375	1352850	
73	93825	25950	65425	277775	168375	
74	61725	21925	42000	147800	1454900	
75	84650	7425	34075	83575	146500	
76	66625	28550	90000	125000	1371475	
77	45845	33600	43875	122950	434690	
78	33050	24000	41150	49135	2290025	
79	44575	19600	27375	99485	1121975	
80	35300	9729	21250	123475	1127725	
81						
82						
83						
84						
85						

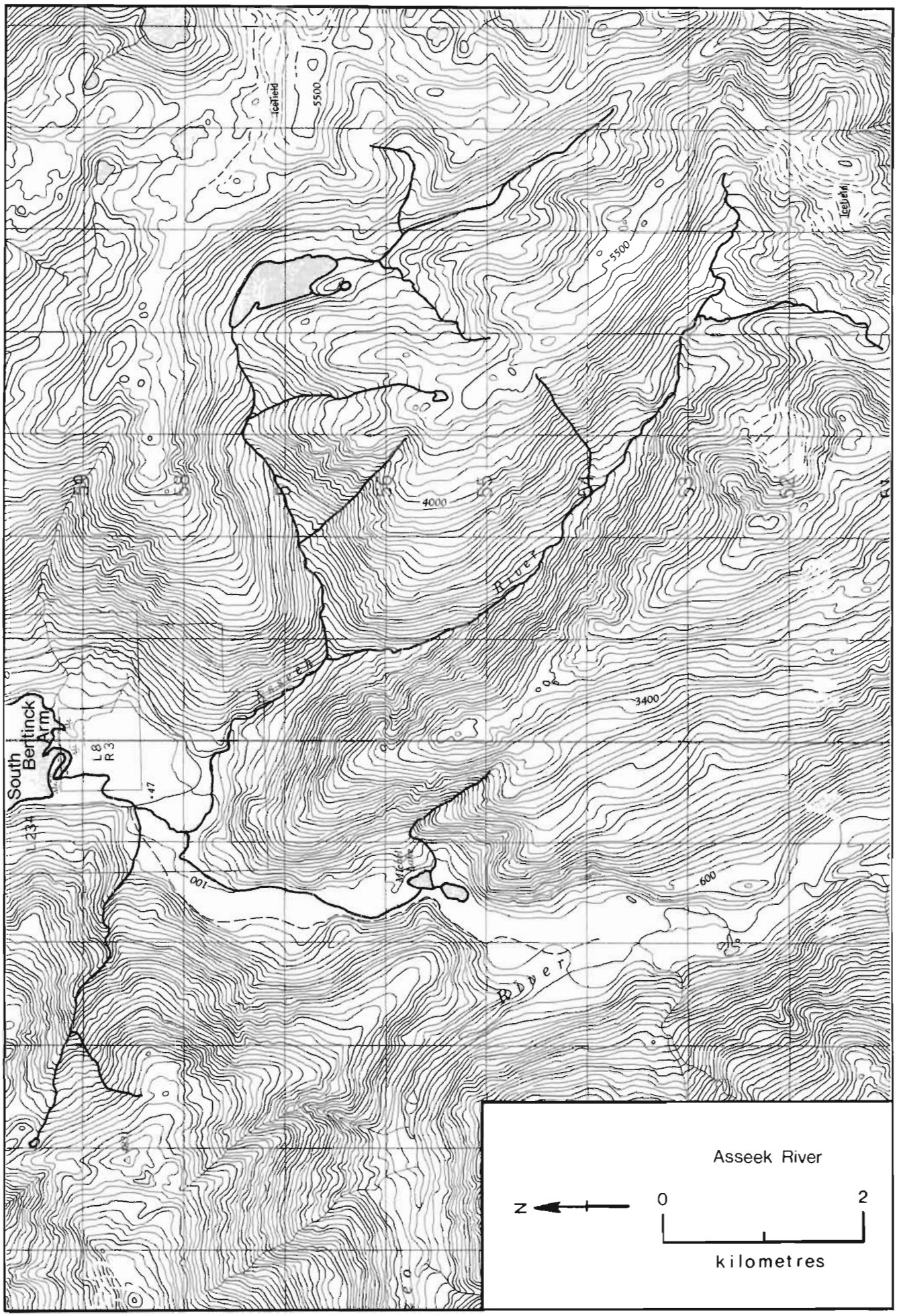
TIMING

ARRIVE						
START						
PEAK						
END						

REMARKS

STREAM DATA

STATISTICAL AREA 8


Asseek River
N
0
2
kilometres
South Bertinck Arm
Upper
River
Asseek
Icefield
5500
4000
3400
600
100
47
L8
R3
234

NAME OF STREAM ASSEEK RIVER (Seek River)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows N. into South Bentinck Arm, Rge. 2, Coast Dist.

POSITION 51 126 NW.

LENGTH 4.5 km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- lower reaches
CHUM	- lower reaches
PINK (ODD YEAR)	
PINK (EVEN YEAR)	- lower reaches
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS

- 1964. Most of the logging debris have been removed.
- 1965. Stream is subject to flash flood due to logged off surroundings.
- 1967. Very small spawning area. Spring-fed.
- 1968. Drains swampy country. Spawning confined to two channels just above intertidal zone.
- 1978. Watershed was logged in early 1960's.

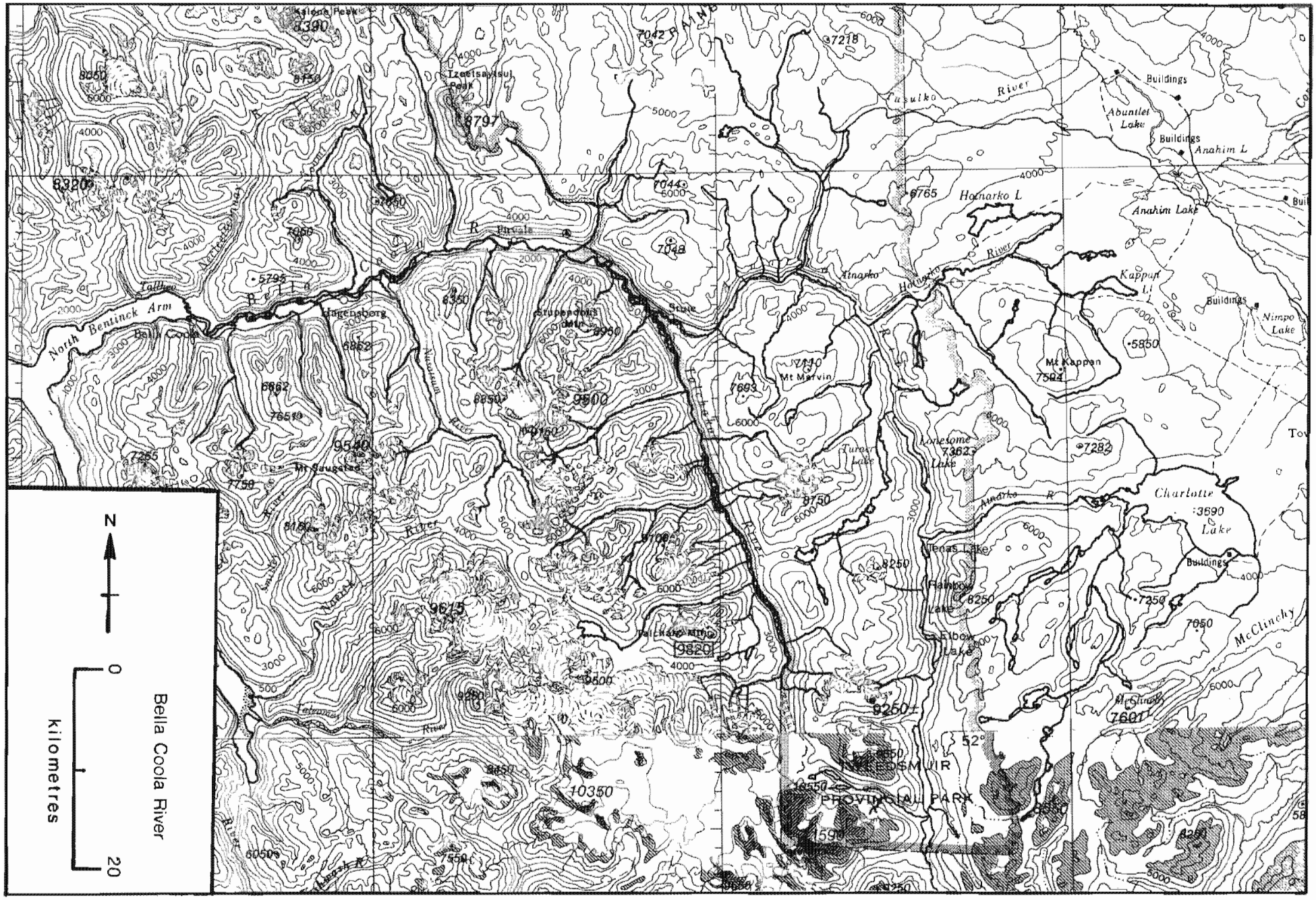
ESCAPEMENT RECORD FOR ASSEEK RIVER (Seek River)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				NO RECORD		
48				NO RECORD		
49			400	400	1500	
50			200	750	400	
51			400	750	3500	
52			400	400	750	
53			NOT	INSPECTED		
54			1500	400	200	
55			1500	3500	400	
56			750	750	750	
57			400	200	400	
58			400	400	200	
59			UNK	200	200	
60			N/O	200	750	
61				200	1500	
62			200	200	1500	
63			N/O	N/O	1500	
64			N/O	25	400	
65				N/O	750	
66			75	25	750	
67			N/O	N/O	N/O	
68			UNK	750	1500	
69				NO RECORD		
70			UNK	750	750	
71			UNK	750		
72			N/O	750	4000	
73				1500	N/O	
74			N/O	500	15000	
75			75	400		
76			100	275	11000	
77	50		N/O	50	50	
78	50		25	50	5000	
79	50		25	150	1500	
80	N/O		N/O	N/O	1000	
81						
82						
83						
84						
85						

TIMING

ARRIVE	AUG		SEPT	AUG	AUG	
START	SEPT		SEPT	L. AUG	AUG	
PEAK	E. OCT		OCT	E. SEPT	E. SEPT	
END	L. OCT		DEC	OCT	L. SEPT	

REMARKS


Bella Coola River
kilometres
0
20
N
North Bentinck Arm
Hagensborg
Mt Gaugstad
Mt Kappan
Mt Marvin
Anahim Lake
Anahim L
Hotnarko L
Kappan L
Nimpo Lake
Charlotte Lake
Lonesome Lake
Tenas Lake
Rainbow Lake
Elbow Lake
McClinchy
Buildings
Abuntlet Lake
Tusulka River
Atnarko River
Talbot River
Nusatum River
Tzeisayisul Peak
Kalone Peak
Pinnacle
Stuppendous Mtn
Tallheo Mtn
Tatlayoko Lake
Turner Lake
Nameless
Hanson R
Tatlayoko River
WEDSMUIR
PROVINCIAL PARK
52°
159°
8390
8050
8150
8797
8320
7042
7218
7044
7048
7765
7710
7683
7584
5850
7282
7690
7250
7050
7601
9820
9250±
10350
9500
9150
9540
9615
9750
9700
8250
8850
8550
8650
8350
7755
7265
6862
6350
6950
5795
6050
7550
4000
5000
6000
3000
2000
1000
500

NAME OF STREAM BELLA COOLA RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows W. into North Bentinck Arm, NE. of South Bentinck Arm, Rge. 3, Coast Dist. POSITION 52 126 SW.

LENGTH 105.0 km WIDTH _____ m DRAINAGE 3730 km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) mean = 100 max = 1163.8 (69/01/23) min = 13.7 (74/03/20)

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- between Stillwater and Tenas Lake
CHINOOK	- in Atnarko River
COHO	- in Atnarko River
CHUM	- in Bella Coola River
PINK (ODD YEAR)	- in Atnarko River
PINK (EVEN YEAR)	- in Atnarko River
STEELHEAD	

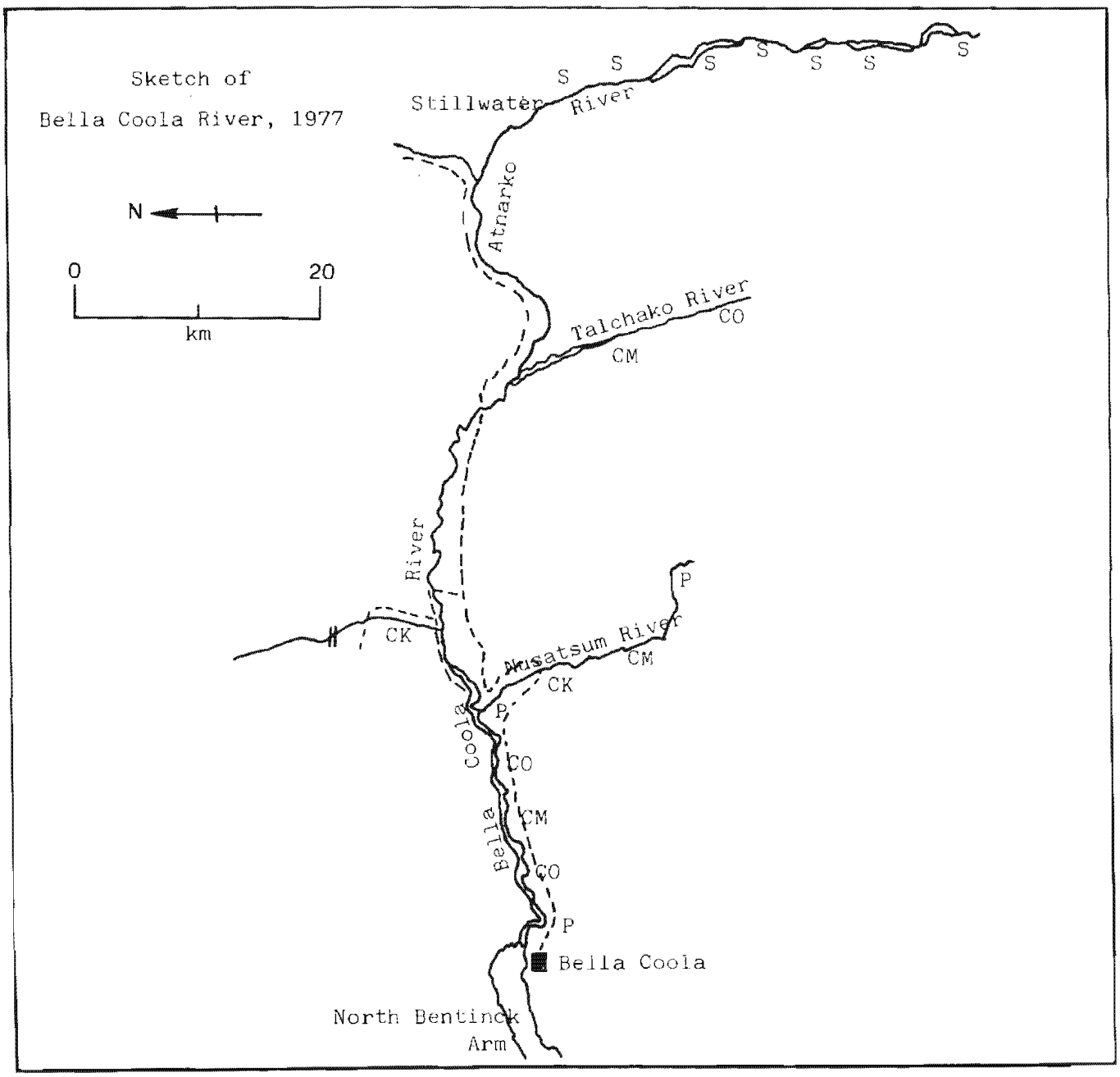
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS - 1948. Glacial to 64.5 km.

- 1952. The extensive freshet that occured from the mouth of the river to the vicinity of Stuie on December 12 & 13 affected the lower spawning area and side tributaries.
- 1958. Extensive silt above Elbow Lake on sockeye spawning grounds.
- 1959. October flood caused changes in gravel bars and in some portions of the river bank. A rock wall was constructed to divert silty water from West Creek to Knot Lake-Kleene Kleene system.
- 1961. Diversion wall at West Creek broached during summer run off.
- 1965. Most disastrous flood since 1936 occured this year and caused extensive damage to Atnarko River spawning areas below Stillwater. Considerable amount of gravel shifting in the main channels.

GENERAL REMARKS (cont.) - Bella Coola River

- 1966. October flood caused streambed damage and spawn loss to Bella Coola tributaries.
- 1967. Logging has denuded watershed in most Bella Coola River tributaries.
- 1968. Mid-October floods caused damage and loss of spawn in lower tributaries. Flash floods, erosions and slides are the result of denuded watersheds in some of the lower tributaries.
- 1969. Ban on bear hunting in Tweedsmuir Park increased bear predation considerably. New highway construction from Hotnarko to Young Creek is in operation.
- 1970, 71. Logging and road construction in operation.
- 1972. Logging temporarily suspended in August.
- 1973. Logging by Crown Zellerbach restricted to small scale operations from August to November. Some replanting done at McCall flats area. A new bridge foundation was completed at Noosgulch.
- 1976. A lot of redds have been left dry due to the high water levels during the spawning period.
- 1979. This river supports a large sports, Indian and commercial fishery annually.



ESCAPEMENT RECORD FOR BELLA COOLA RIVER

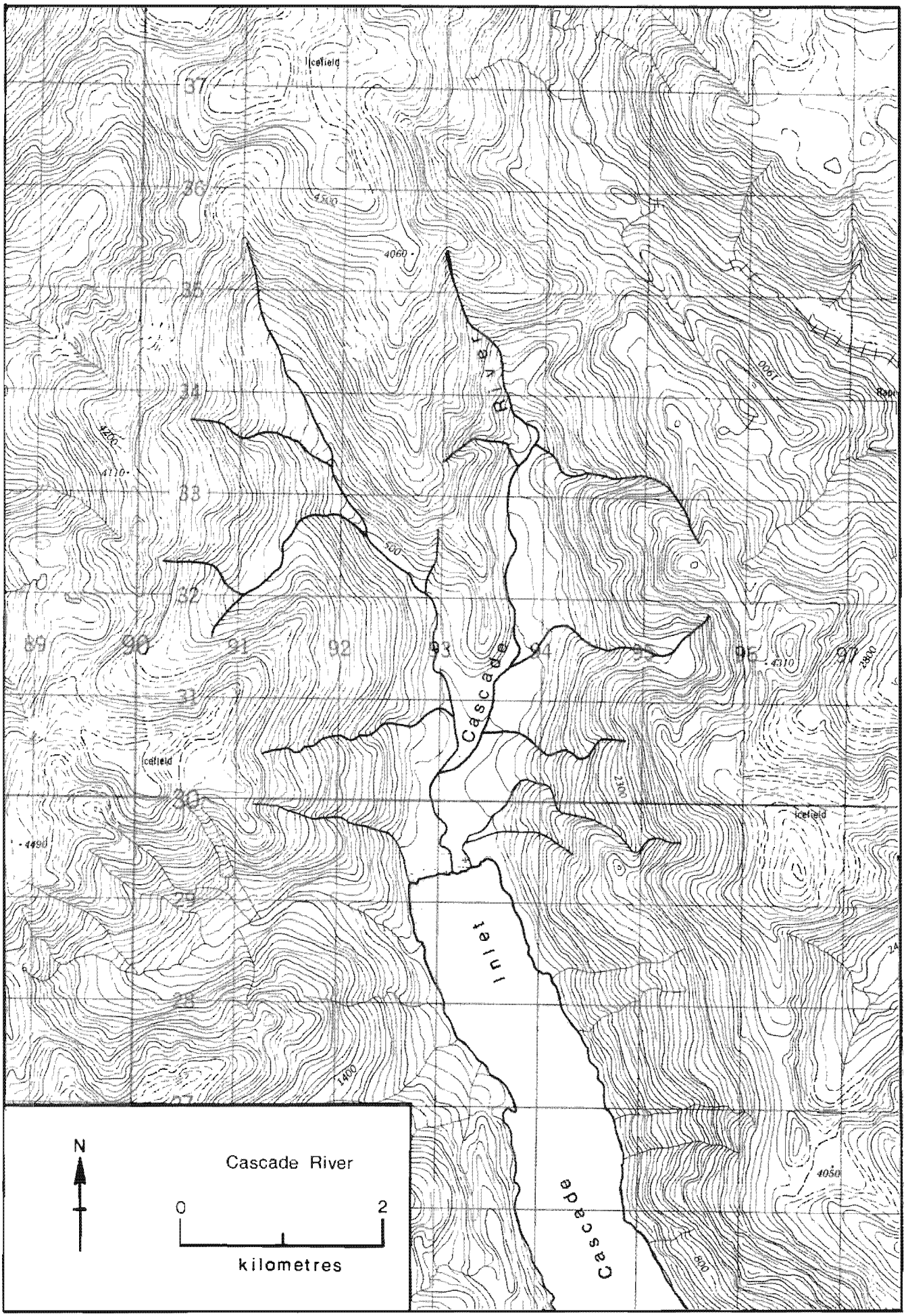
YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	15000	3500	7500	35000	75000	3500
48	35000	3500	3500	15000	35000	1500
49	75000	7500	7500	75000	100000	3500
50	75000	15000	35000	75000	100000	7500
51	75000	15000	35000	75000	100000	7500
52	75000	35000	15000	75000	100000	3500
53	75000	7500	15000	75000	100000	7500
54	75000	15000	75000	35000	75000	3500
55	75000	15000	15000	15000	100000	UNK
56	75000	35000	75000	35000	100000	15000
57	150000	15000	75000	35000	350000	7500
58	15000	35000	35000	75000	250000	7500
59	75000	15000	75000	35000	450000	
60	35000	7500	35000	35000	1500000	
61	35000	15000	35000	15000	1000000	
62	75000	7500	35000	35000	3500000	
63	75000	35000	75000	75000	550000	
64	35000	35000	75000	75000	600000	UNK
65	15000	15000	35000	3500	150000	
66	16000	15000	35000	35000	800000	
67	36000	25000	4000	18000	46000	UNK
68	8000	21300	49350	58100	1750000	
69	35000	15000	7500	7500	15000	
70	35000	7500	35000	75000	500000	
71	75000	35000	15000	7500	35000	
72	32500	18000	15000	80000	1100000	
73	85000	22000	35000	90000	30000	
74	55000	18000	15000	35000	1100000	
75	45000	3500	15000	10000	30000	
76	30000	25000	50000	60000	1000000	
77	30000	30000	26000	40000	225000	
78	20000	20000	23000	10000	2100000	
79	18000	15000	UNK	35000	850000	
80	24000	7200	12500	25000	1000000	
81						
82						
83						
84						
85						

TIMING

ARRIVE	JUNE	MAY	L. JUNE	JULY	M. JULY	
START	M. SEPT	AUG	OCT	E. AUG	L. AUG	
PEAK	L. SEPT	SEPT	NOV	SEPT	M. SEPT	
END	NOV	NOV	FEB	NOV	OCT	

REMARKS

- Spring and late fall runs of steelhead are present in this river.
- 1955. 65% of sockeye run was composed of jacks.
- 1958. 80% of sockeye run was composed of jacks.
- 1967. 60% of sockeye run was composed of jacks.
- 1969. 65% of sockeye run was composed of jacks.
- 1972. 65% of sockeye run was composed of jacks.
- 1976, 1962. 50% of sockeye run were composed of jacks.
- 1979. Coho and chum enumerations are only a comparative estimate from the Indian food fishery in the lower 6.5 km of the river.


Cascade River
0
2
kilometres
N
Cascade River
Cascade Inlet
Icefield
Icefield
Icefield
37
36
35
34
33
32
31
30
29
28
89
90
91
92
93
94
95
96
97
4500
4060
4200
4110
500
4310
2800
2100
4490
1400
4050
800

NAME OF STREAM (Cascade River)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows S. into Cascade Inlet, NW. of Dean Chan., E. of Link L., Rge. 3, Coast Dist. POSITION 52 127 NW.

LENGTH 4.0* km WIDTH 9.0 m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT
Impassable falls at 1.5 km on the east fork.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- throughout
CHUM	- lower 1.0 km
PINK (ODD YEAR)	- lower 1.0 km
PINK (EVEN YEAR)	- lower 1.0 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS * Combined length for east fork (1.5 km) and west fork (2.5 km).
- 1965. Extensive flooding in October.
- 1968. Stream is subject to flash floods.
- 1976. Stream has changed course but appears to have held in the main channel in summer. Possibility of spawn loss due to low water levels.
- 1979. Heavy scouring in this system during winter of 1978-79 accounted for 65% loss of 1978 spawn.
- 1980. 100% loss of early spawners in west fork due to extensive scouring.

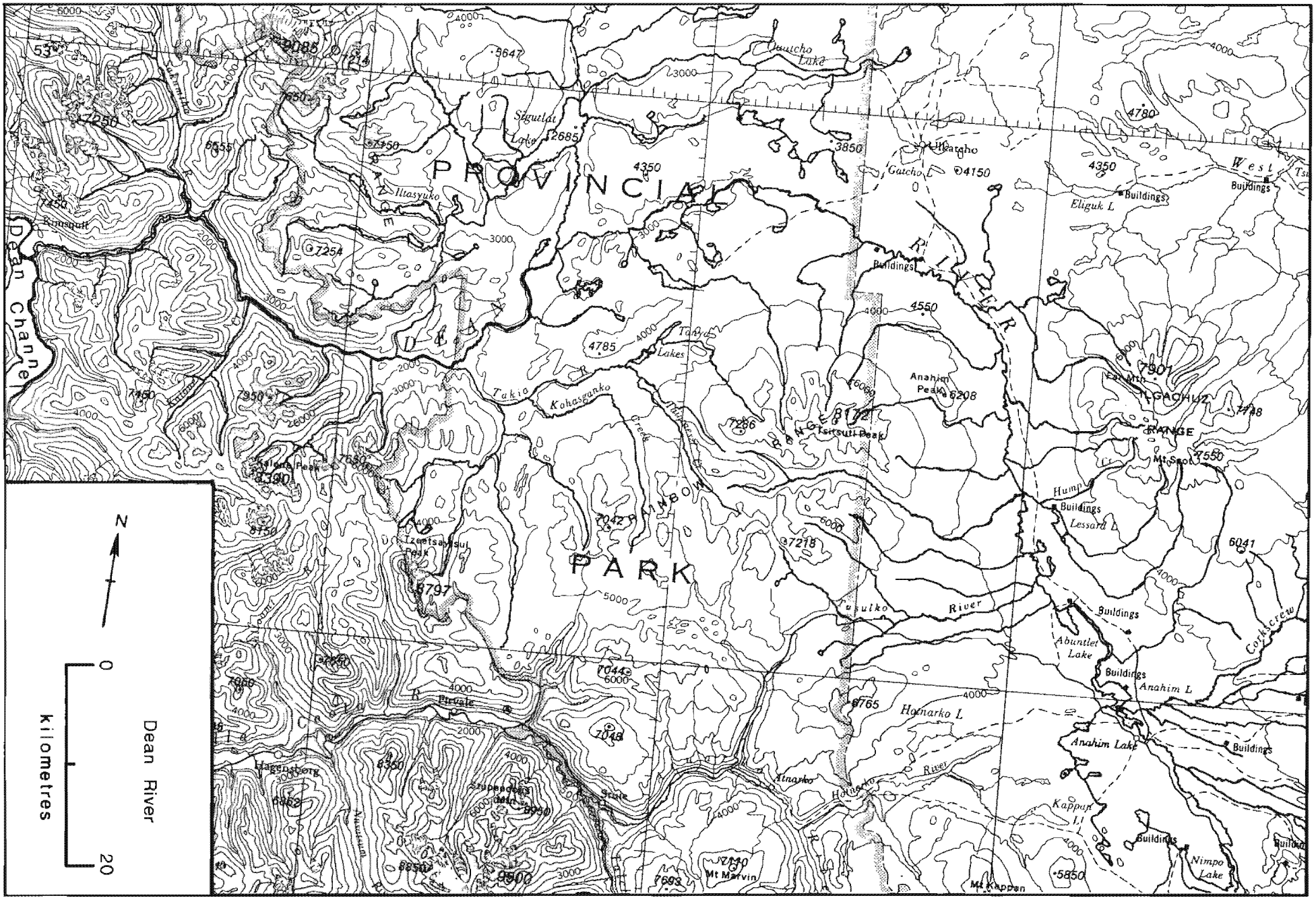
ESCAPEMENT RECORD FOR (Cascade River)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947			1500	15000		
48			400	3500		
49			1500	7500		
50			1500	3500		
51			400	3500	400	
52			200	15000	7500	
53			400	3500	1500	
54			750	35000	7500	
55			750	3500	3500	
56			1500	35000	1500	
57			750	15000	750	
58			1500	15000	1500	
59			1500	3500	1500	
60			750	15000	750	
61			1500	7500	750	
62			N/O	15000	1500	
63			1500	35000	7500	
64			200	3500	1500	
65			1500	1500	3500	
66			N/O	15000	3500	
67			N/O	15000	400	
68	UNK		1500	15000	3500	
69			UNK	1500	UNK	
70			UNK	15000	1500	
71				3500	400	
72	25		200	8000	1500	
73	75		200	10000	N/O	
74	25		400	7000	1000	
75	N/O		400	3500	25	
76	25		200	8000	1000	
77	30		50	12000	750	
78	N/O		50	2000	1000	
79	25		100	3600	3200	
80			50	10000	1000	
81						
82						
83						
84						
85						

TIMING

ARRIVE	JULY		OCT	E. AUG	AUG	
START	SEPT		OCT	E. SEPT	AUG	
PEAK	M. SEPT		NOV	E. SEPT	M. SEPT	
END	OCT		DEC	OCT	OCT	

REMARKS


PROVINCIAL
PARK
Dean Channel
Dean River
Eliguk L
Anahim Lake
Anahim L
Hanarko L
Kappan L
Nimpo Lake
Abuntlet Lake
Corkscrew
Lessard L
Mt Kappan
Mt Marvin
Mt Saint
Anahim Peak
Ts'ersuli Peak
Tsentsayssul Peak
Takla Peak
Pivale
Hagensberg
Kimsquit
Kohasganko
Takla Lakes
Tsulkolo River
Anahim River
Buildings
N
0
20
kilometres

NAME OF STREAM DEAN RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SW. into head of Dean Chan., N. of Bella Coola R., Rge. 3, Coast Dist. POSITION 52 126 NW.

LENGTH 241.0 km WIDTH _____ m DRAINAGE 3781 km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) mean = 24.1 max = 230.5 (76/05/11) min = 2.6 (72/02/08)

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT

Canyon at 4.0 km is impassable to chum and pink.

Impassable falls (Salmon House Falls) at 61 km except to steelhead during high water levels.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- to 61.0 km
CHINOOK	- to Takai River
COHO	- to 61.0 km
CHUM	- to 4.0 km
PINK (ODD YEAR)	- to 4.0 km
PINK (EVEN YEAR)	- to 4.0 km
STEELHEAD	- throughout

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS

- Subject to sports fishing pressure.
- 1974-75. Three fishing guide camps located in this stream. Logging and road construction in operation.
- 1978. Many redds were exposed after spawning. A logging company abandoned its operation in August.
- 1979. Lower 21.0 km is a good spawning area; beyond this point, water is quite turbulent.
- 1980. This stream is world renown for sports fishery on steelhead, coho and spring.

References:

Evans, L.K. 1979. Incidental catches of steelhead trout in the commercial salmon

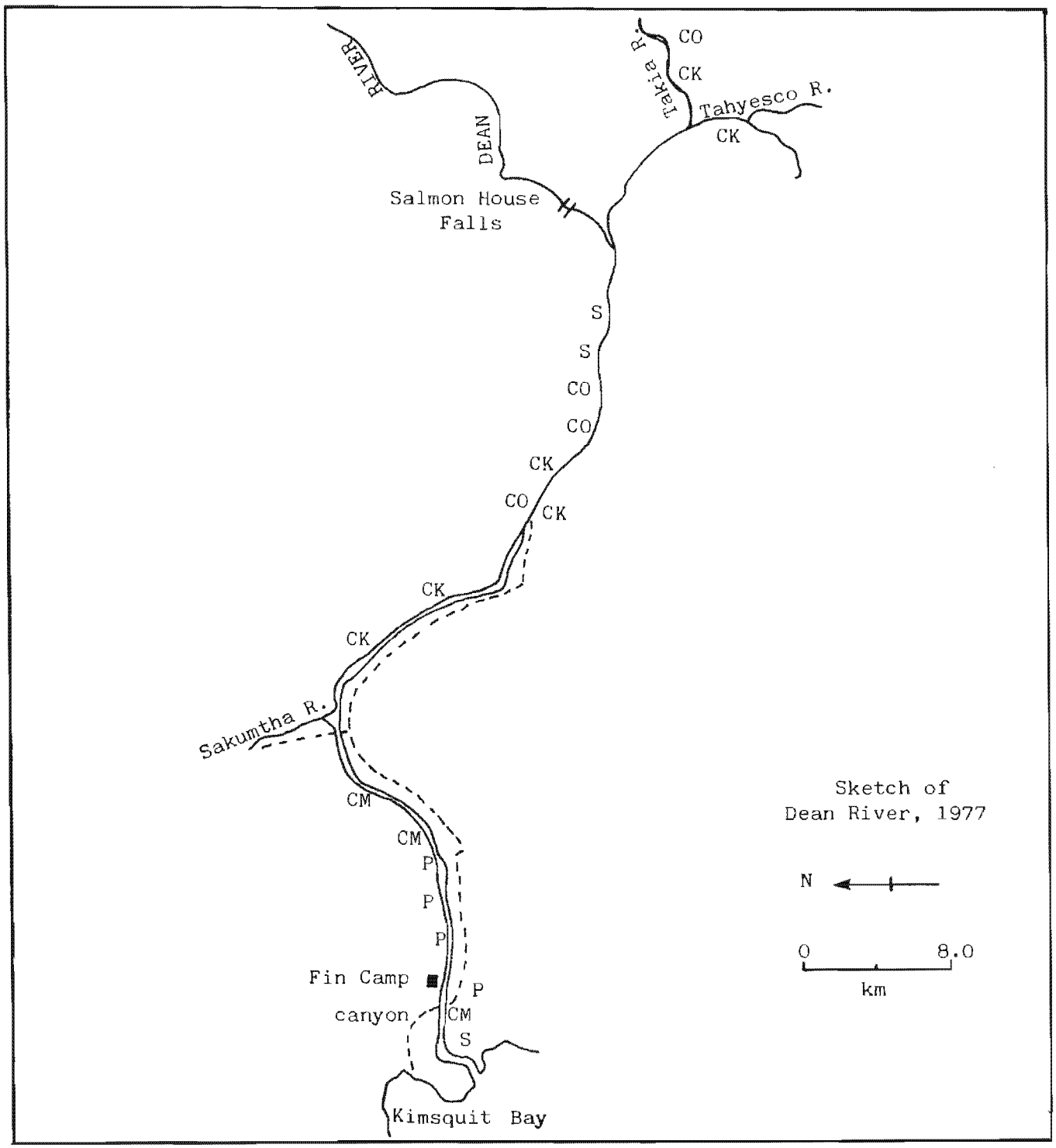
GENERAL REMARKS (cont.) - Dean River

fisheries of Barkley Sound, Johnstone Strait and the Dean and Bella Coola Rivers area. Fish and Wildlife Branch; Fisheries Technical Circular 39. 30 pp.

Leggett, J.W. and D.W. Narver. 1976. A résumé of the Dean River sport fishery 1971-75. Fish and Wildlife Branch; Fisheries Technical Circular 22. 27 pp.

Leggett, J.W. and W.T. Westover. 1976. Survey of the 1974 Dean River steelhead fishery. Fish and Wildlife Branch; Fisheries Technical Circular 19. 33 pp.

Leggett, J.W., W.T. Westover and S.M. Steele. 1976. Survey of the 1975 Dean River steelhead fishery. Fish and Wildlife Branch; Fisheries Technical Circular 21. 29 pp.



ESCAPEMENT RECORD FOR DEAN RIVER

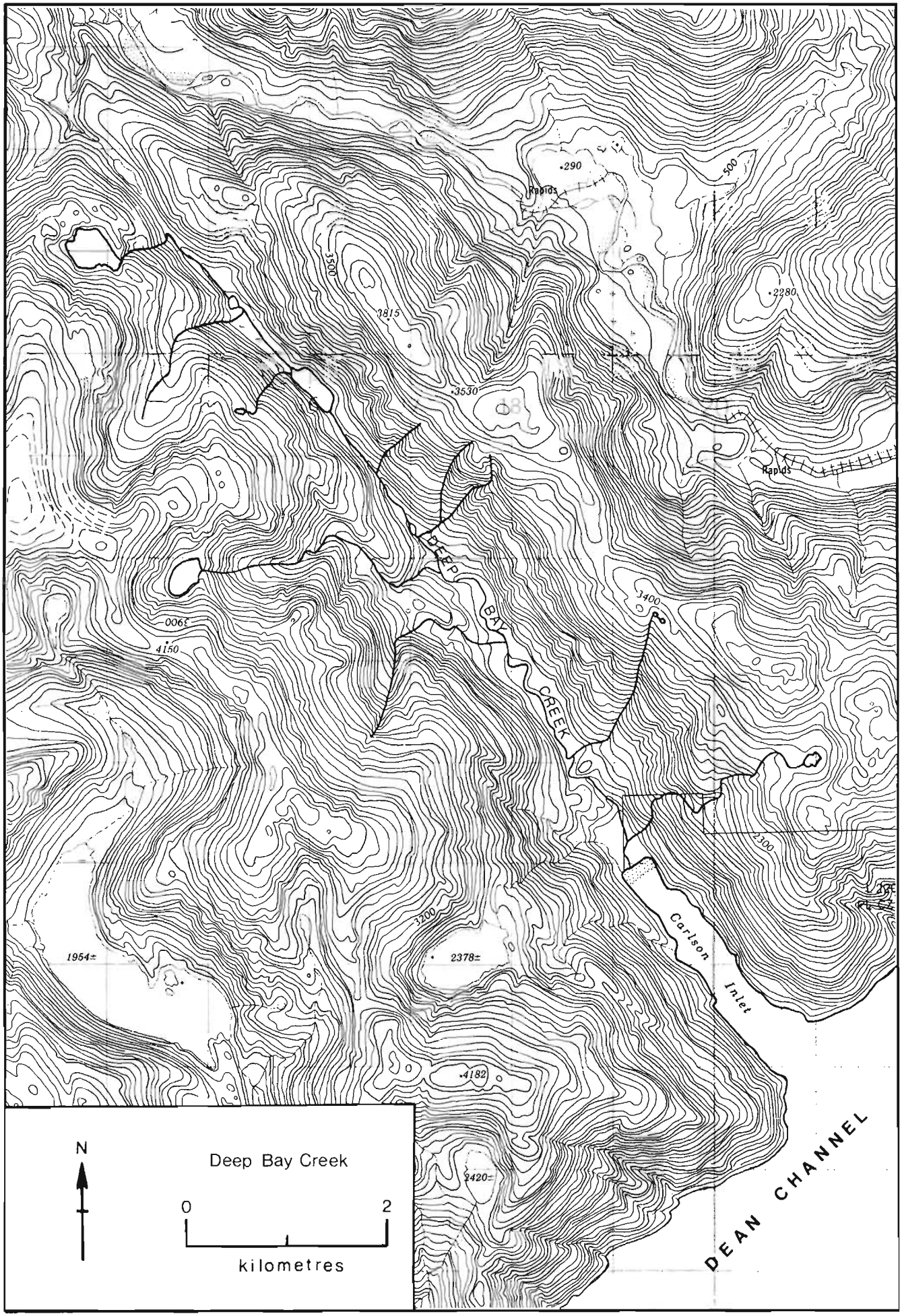
YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	1500	7500	3500	7500		3500
48	750	750	750	750	750	1500
49	400	1500	750	7500	3500	750
50	400	750	1500	15000	1500	3500
51	200	750	3500	15000	1500	
52	200	750	3500	15000	3500	
53	N/O	750	3500	35000	3500	3500
54	200	1500	7500	7500	1500	3500
55	750	750	15000	3500	35000	7500
56	N/O		7500	3500	7500	
57			200	7500	35000	
58	N/O	N/O	7500	3500	1500	
59	N/O	N/O	15000	7500	15000	
60	N/O	N/O	N/O	3500	7500	
61	N/O	N/O	N/O	15000	15000	
62	UNK	UNK	UNK	15000	35000	
63	UNK	UNK	UNK	UNK	UNK	
64	UNK	UNK	UNK	UNK	UNK	
65	N/O	3500	3500	1500	3500	
66	N/O	3500	7500	7500	7500	
67	750	3500	750	1500	750	20000
68	750	3500	7500	7500	7500	
69	UNK	1500	3500	1500	UNK	
70	UNK	750	7500	7500	3500	
71	1500	3500	3500	1500	N/O	12000
72	400	2500	5000	3500	3500	
73	750	3000	3500	3500	N/O	
74	400	3500	3500	3500	15000	
75	750	3500	3500	3500	200	
76	1500	3000	4000	2000	9000	
77	1500	3000	1500	3500	2000	
78	50	3500	3500	1500	2000	
79	100	4000	5000	1000	4000	
80	100	2000	2500	1000	2000	
81						
82						
83						
84						
85						

TIMING

ARRIVE	JULY	JUNE	JULY	E. AUG	E. AUG	
START	AUG	AUG	SEPT	M. AUG	M. AUG	
PEAK	SEPT	E. SEPT	OCT	E. SEPT	E. SEPT	
END	OCT	L. SEPT	DEC	OCT	L. SEPT	

REMARKS

- Summer run of steelhead present in this river.


Deep Bay Creek
0
2
kilometres
N
DEEP BAY CREEK
Carlson Inlet
DEAN CHANNEL
Rapids
Rapids
290
500
3500
3815
3530
2280
3400
3900
4150
3300
3200
1954±
2378±
4182
2420±

NAME OF STREAM (Deep Bay Creek)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SE. into Carlson Inlet, W. side of Dean Chan., SW. of Skowquiltz Bay, Rge. 3, Coast Dist. POSITION

LENGTH 0.5 km WIDTH m DRAINAGE km^2

COMPOSITION: BEDROCK BOULDER COARSE FINE

SILT & SAND UNCLASSIFIED

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA m^2 SPAWNING AREA m^2

DISCHARGE (m^3/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	
CHUM	- intertidal zone and up to 0.8 km
PINK (ODD YEAR)	- intertidal zone and up to 0.8 km
PINK (EVEN YEAR)	- intertidal zone and up to 0.8 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS

- 1954. A very short river (457 m long) then ascends steeply towards the mountain.
- 1965. Water was extremely low.
- 1966. Stream is subject to flash flooding.
- 1976. Stream is fast flowing with large boulders.
- 1977. Very limited spawning area.

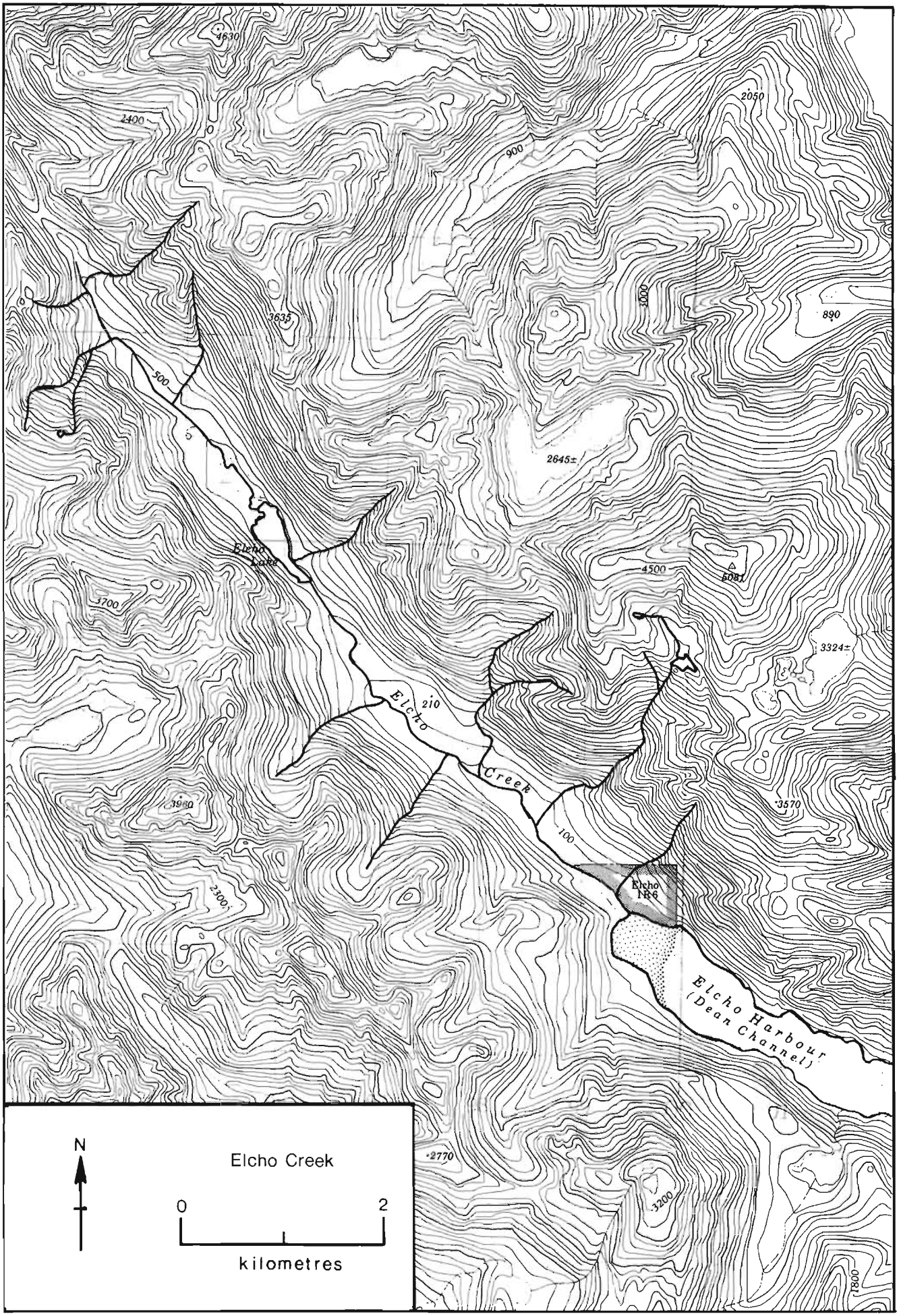
ESCAPEMENT RECORD FOR (Deep Bay Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				7500	1500	
48				750	750	
49				3500	1500	
50				1500	750	
51				1500	200	
52				1500	1500	
53				1500	750	
54				750	75	
55				25	25	
56				100	100	
57				750	75	
58				200	75	
59				200	75	
60				25	25	
61				75	400	
62				25	400	
63				400	25	
64				400	25	
65				N/O	400	
66				750	400	
67				750	N/O	
68			UNK	750	750	
69				750		
70				1500	400	
71				750	N/O	
72			N/O	N/O	N/O	
73				N/O		
74				NOT INSPECTED		
75				NOT INSPECTED		
76				N/O	N/O	
77				20	30	
78				NOT INSPECTED		
79				NOT INSPECTED		
80						
81						
82						
83						
84						
85						

TIMING

ARRIVE				E. AUG	M. JULY	
START				E. AUG	L. JULY	
PEAK				L. AUG	E. AUG	
END				E. SEPT	M. AUG	

REMARKS


4630
2400
900
2050
1000
890
3635
500
2645±
Elcho Lake
4500
5081
3700
3324±
Elcho
210
Creek
3960
3570
100
Elcho 1-R6
2300
Elcho Harbour
(Dean Channel)
2770
3200
1800
N
Elcho Creek
0
2
kilometres

NAME OF STREAM ELCHO CREEK

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SE. into Elcho Hr., Rge. 3, Coast Dist.

POSITION 52 127 SW.

LENGTH 6.5 km WIDTH 9.0* m DRAINAGE _____ km^2

*COMPOSITION: BEDROCK _____ BOULDER 10% COARSE 55% FINE 30%

SILT & SAND 5% UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 44430* m^2 SPAWNING AREA 36145* m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 9.0 (78/06/22)

BARRIERS OR POINTS OF DIFFICULT ASCENT

Passable falls and cascades (2.5 and 3.5 m falls) at 185 m below the lake.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- throughout
CHUM	- throughout
PINK (ODD YEAR)	- to 1.0 km
PINK (EVEN YEAR)	- to 1.0 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS * To 3.5 km only.

- Predators present are seals, bears and birds.
- 1964. Sockeye were observed in pools at forks.
- 1965. Water levels low during pink and chum migration.
- 1978-79. Good showing of coho fry.
- 1979. Some evidence of dug up redds by pink in large pools.

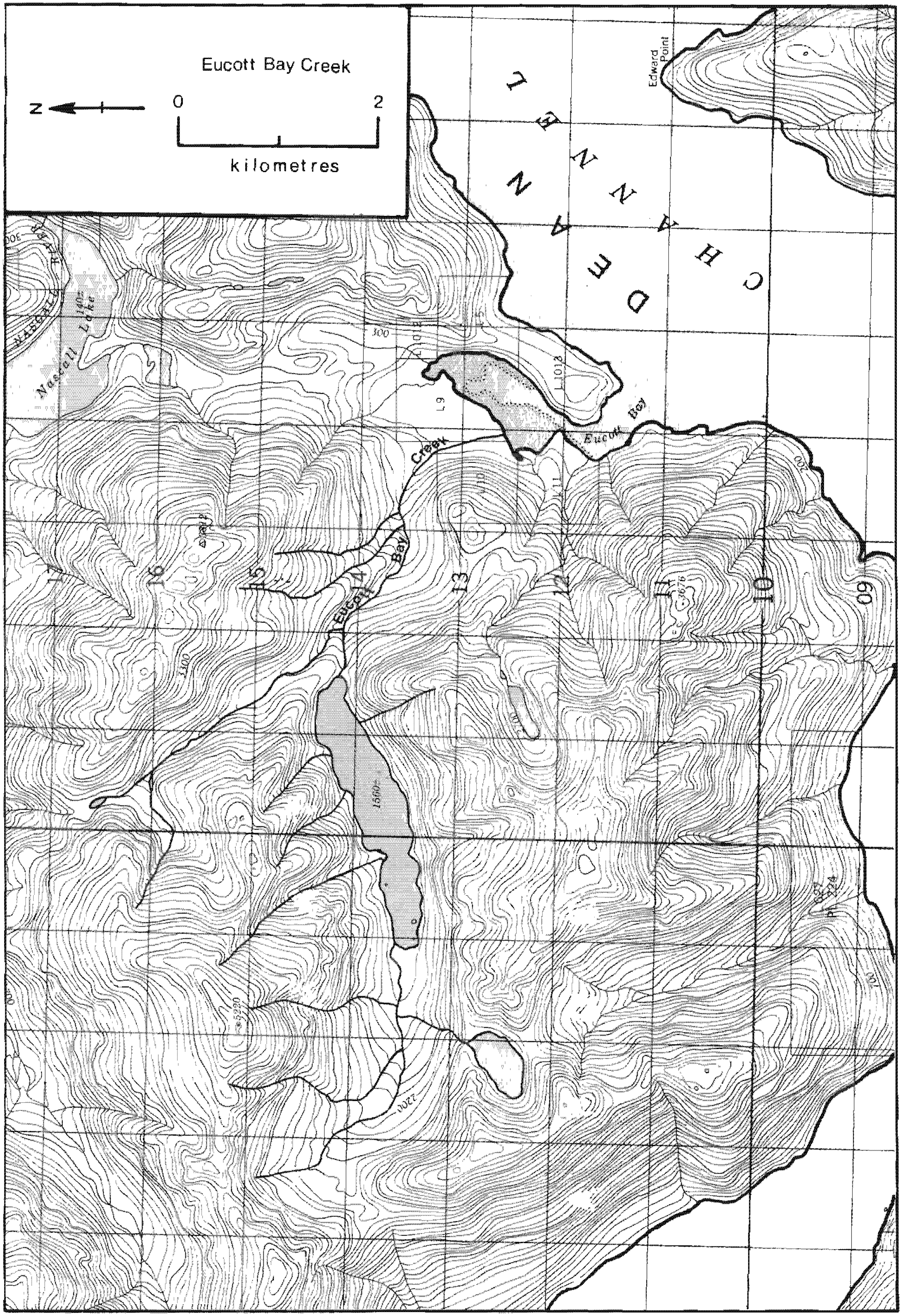
ESCAPEMENT RECORD FOR ELCHO CREEK

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				7500	7500	
48			400	3500	1500	
49			750	3500	3500	
50			3500	15000	3500	
51			1500	15000	3500	
52			1500	35000	3500	
53			750	15000	3500	
54			750	7500	7500	
55			750	750	750	
56			750	15000	35000	
57			3500	750	1500	
58			750	3500	1500	
59			3500	1500	7500	
60			1500	3500	3500	
61			3500	1500	7500	
62			N/O	15000	35000	
63			1500	3500	1500	
64	75		1500	3500	3500	
65			3500	1500	3500	
66			N/O	7500	3500	
67			N/O	3500	200	
68			3500	7500	7500	
69			UNK	7500	750	
70			1500	7500	3500	
71			400	3500	200	
72			200	12500	3500	
73			200	15000	N/O	
74			200	6000	4500	
75			400	4000	1000	
76			400	6000	5000	
77	10		200	8000	6000	
78			1000	3000	4000	
79			750	4000	35000	
80		4	500	20000	3500	
81						
82						
83						
84						
85						

TIMING

ARRIVE			OCT	M. AUG	M. AUG	
START			OCT	L. AUG	L. AUG	
PEAK			NOV	M. SEPT	M. SEPT	
END			DEC	OCT	OCT	

REMARKS


Eucott Bay Creek
N
0
2
kilometres
Edward Point
DEAN CHANNEL
Eucott Bay
Creek
Eucott Bay
Nascall Lake
1560

NAME OF STREAM (Eucott Bay Creek)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SE. into Eucott Bay, W. shore of Dean Chan., S. of Nascall L., Rge. 3, Coast Dist. POSITION 52 127 SE.

LENGTH 2.0 km WIDTH 5.0 m DRAINAGE ____ km^2

COMPOSITION: BEDROCK 20% BOULDER 18% COARSE 37% FINE 23%

SILT & SAND 2% UNCLASSIFIED ____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 10700 m^2 SPAWNING AREA 7835 m^2

DISCHARGE (m^3/s) ____

TEMPERATURE (°C) 13.0 (78/06/20)

BARRIERS OR POINTS OF DIFFICULT ASCENT ____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- intertidal zone to 0.5 km
CHUM	- intertidal zone to 0.5 km
PINK (ODD YEAR)	- intertidal zone to 0.5 km
PINK (EVEN YEAR)	- intertidal zone to 0.5 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM ____

GENERAL REMARKS

- Limited spawning area.
- 1956. Prespawning mortality for pink.
- 1967. Boulders and fast water above 2.0 km.
- 1970. 1965 and 1968 floods washed out 1/3 of good gravel.
- 1977. Log jams were cleared by Fisheries.
- 1978. The juvenile rearing habitat was ideal throughout the lower section supporting a high density of fry and fingerling.

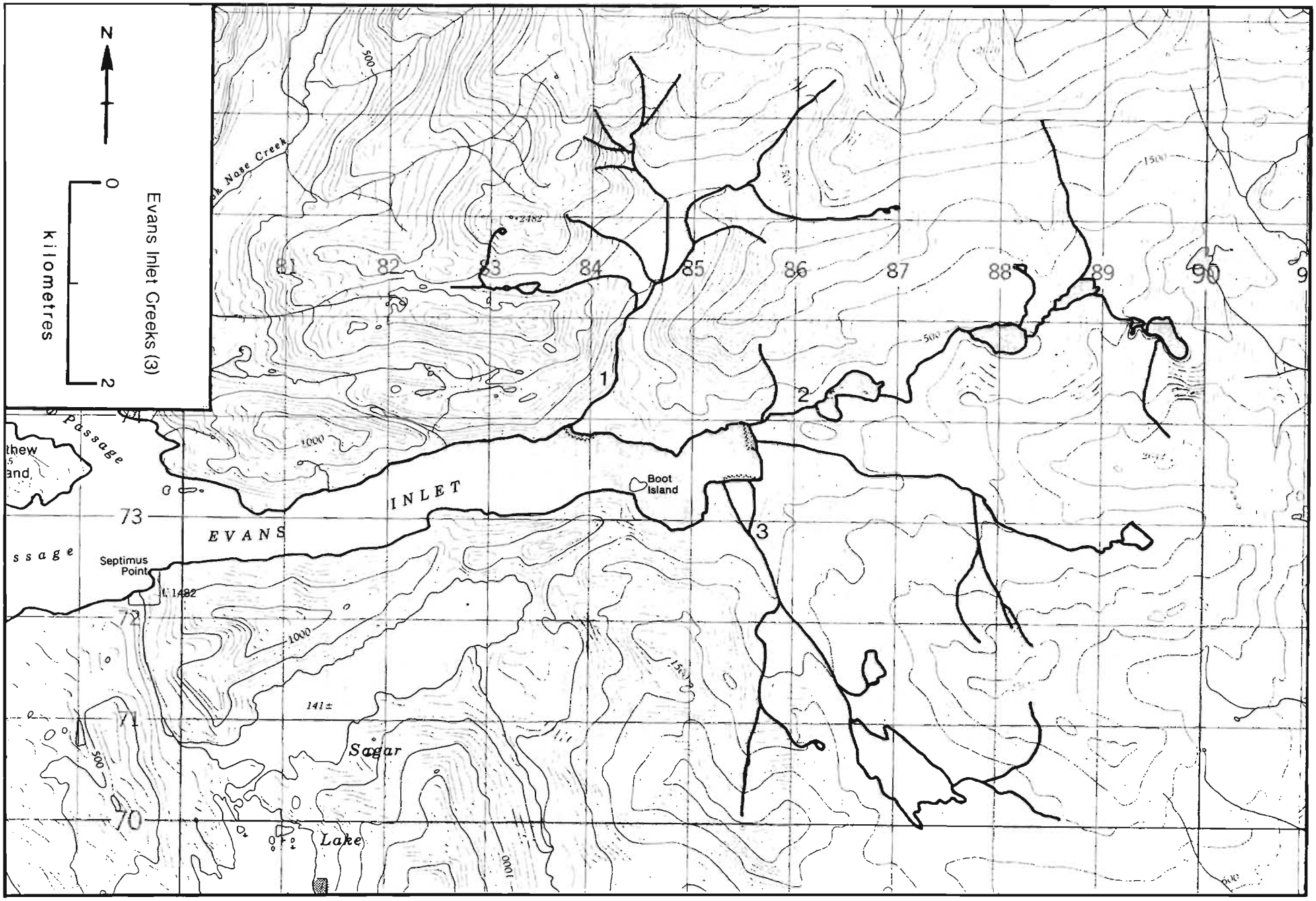
ESCAPEMENT RECORD FOR (Eucott Bay Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				3500	1500	
48				1500	1500	
49			400	1500	3500	
50				750	1500	
51				750	3500	
52			200	3500	3500	
53			200	3500	3500	
54			N/O	1500	7500	
55			400	750	15000	
56				15000	3500	
57			75	3500	7500	
58			N/O	1500	750	
59				750	3500	
60				750	1500	
61				400	7500	
62				400	3500	
63				3500	7500	
64				750	3500	
65				200	1500	
66				400	7500	
67				1500	75	
68			UNK	750	7500	
69				750	UNK	
70				1500	1500	
71			75	400	N/O	
72			UNK	750	3000	
73			200	1500	N/O	
74				500	2000	
75			200	200	400	
76			200	N/O	4000	
77			50	300	1500	
78			N/O	150	5500	
79			UNK	300	7000	
80				200	3000	
81						
82						
83						
84						
85						

TIMING

ARRIVE			OCT	M. AUG	AUG	
START			OCT	L. AUG	E. SEPT	
PEAK			NOV	M. SEPT	M. SEPT	
END			DEC	OCT	L. SEPT	

REMARKS


N
0
2
kilometers
Evans Inlet Creeks (3)
Nose Creek
81
82
83
84
85
86
87
88
89
90
1
2
3
Boot Island
EVANS INLET
Passage
Septimus Point
73
72
71
70
Sagar Lake
500
1000
1500

NAME OF STREAM (Evans Inlet Creeks - 3)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SW., W, and NW. into Evans Inlet, W. side of King I., E. of Denny I., Rge. 3, Coast Dist. POSITION 52 127 SW.

LENGTH 1.0* km WIDTH 7.0* m DRAINAGE ____ km^2

*COMPOSITION: BEDROCK ____ BOULDER 43% COARSE 38% FINE 19%

SILT & SAND ____ UNCLASSIFIED ____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 8975* m^2 SPAWNING AREA 5045* m^2

DISCHARGE (m^3/s) ____

TEMPERATURE (°C) 13.0 (77/06/15)

BARRIERS OR POINTS OF DIFFICULT ASCENT

Impassable 30 m falls at 0.25 km in # 2 stream.
Impassable cascade from 1.0 - 1.5 km in # 3 stream.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- near mouth
CHUM	- near mouth
PINK (ODD YEAR)	- near mouth
PINK (EVEN YEAR)	- near mouth
STEELHEAD	

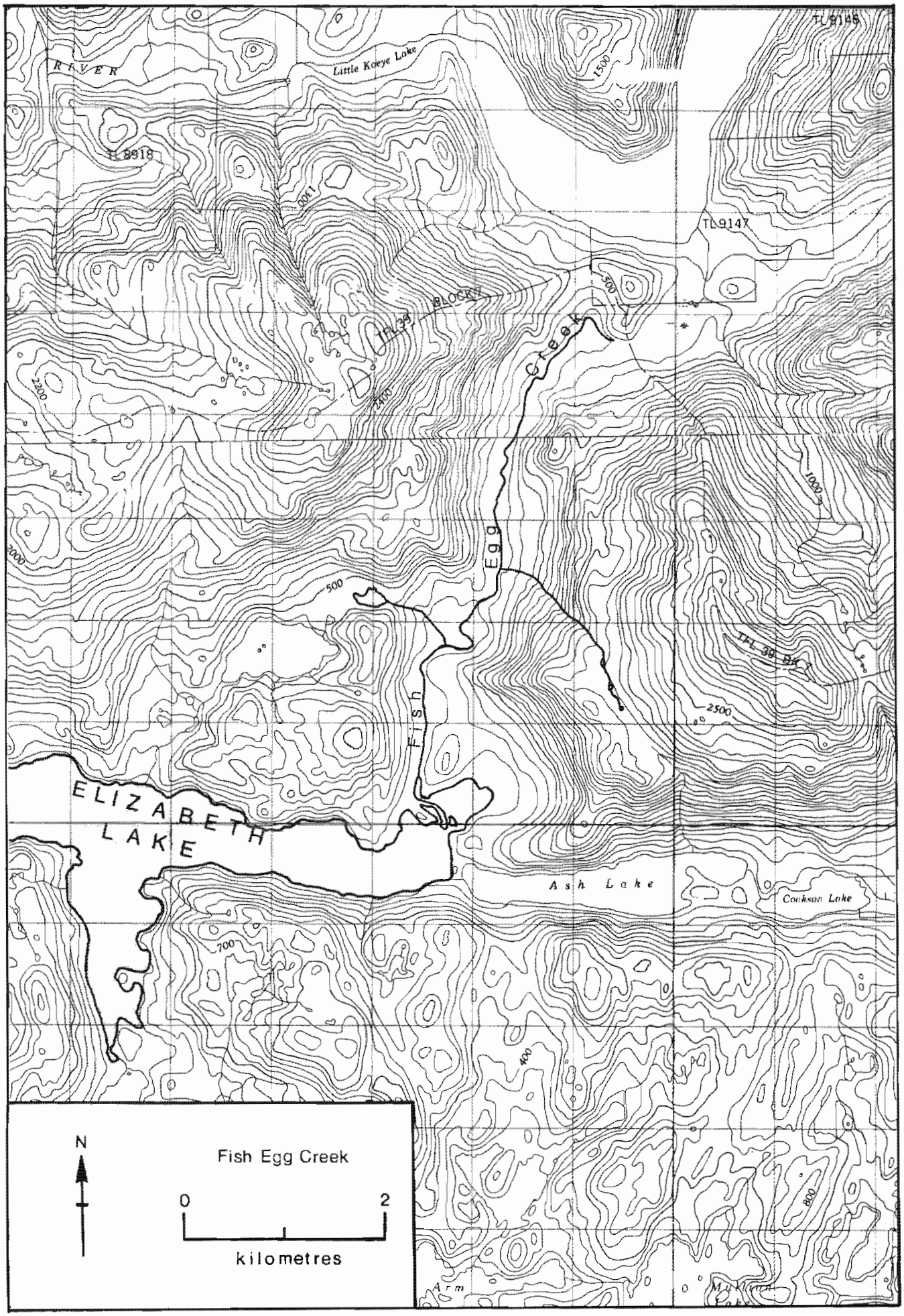
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS * Creek # 3 only.
- Limited spawning area with intertidal spawning.
- Extremely low water levels during dry years.
- 1965. Stream was dry throughout migration period.

ESCAPEMENT RECORD FOR _____ (Evans Inlet Creeks - 3)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				3500	3500	
48				1500	N/O	
49				750	750	
50				1500	750	
51				750	200	
52				1500	3500	
53				400	400	
54				3500	35000	
55				200	400	
56				1500	3500	
57				1500	3500	
58				7500	3500	
59				750	3500	
60				750	1500	
61				750	1500	
62				1500	7500	
63			25	3500	750	
64				1500	1500	
65				N/O	N/O	
66				3500	1500	
67				400	75	
68			UNK	1500	3500	
69				1500	UNK	
70				7500	3500	
71				3500	UNK	
72			UNK	3500	7500	
73			UNK	3500	1500	
74			N/O	400	1000	
75				200		
76			UNK	100	1500	
77			UNK	3000	1200	
78			UNK	100	1500	
79			UNK	1000	1400	
80				1000	1500	
81						
82						
83						
84						
85						
TIMING						
ARRIVE				E. SEPT	E. SEPT	
START				SEPT	M. SEPT	
PEAK				SEPT	L. SEPT	
END				OCT	OCT	

REMARKS _____


TL9146
RIVER
Little Kaeye Lake
1500
TL9918
1300
TL9147
500
TL 39 BLOCK
Fish Egg Creek
2200
2400
1000
2000
500
TL 39 Blk
2500
ELIZABETH LAKE
Ash Lake
Cookson Lake
700
400
800
N
Fish Egg Creek
0
2
kilometres

NAME OF STREAM (Fish Egg Creek)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows S. into Elizabeth L., Fish Egg Inlet, Fitz Hugh Sd., Rge. 2, Coast Dist. POSITION 51 127 NW.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- throughout
CHINOOK	
COHO	- throughout
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS

- 1948. Spawning beds in this river are limited. Rocky bottom and moss covered.
- 1951. Water levels were low during the summer months.

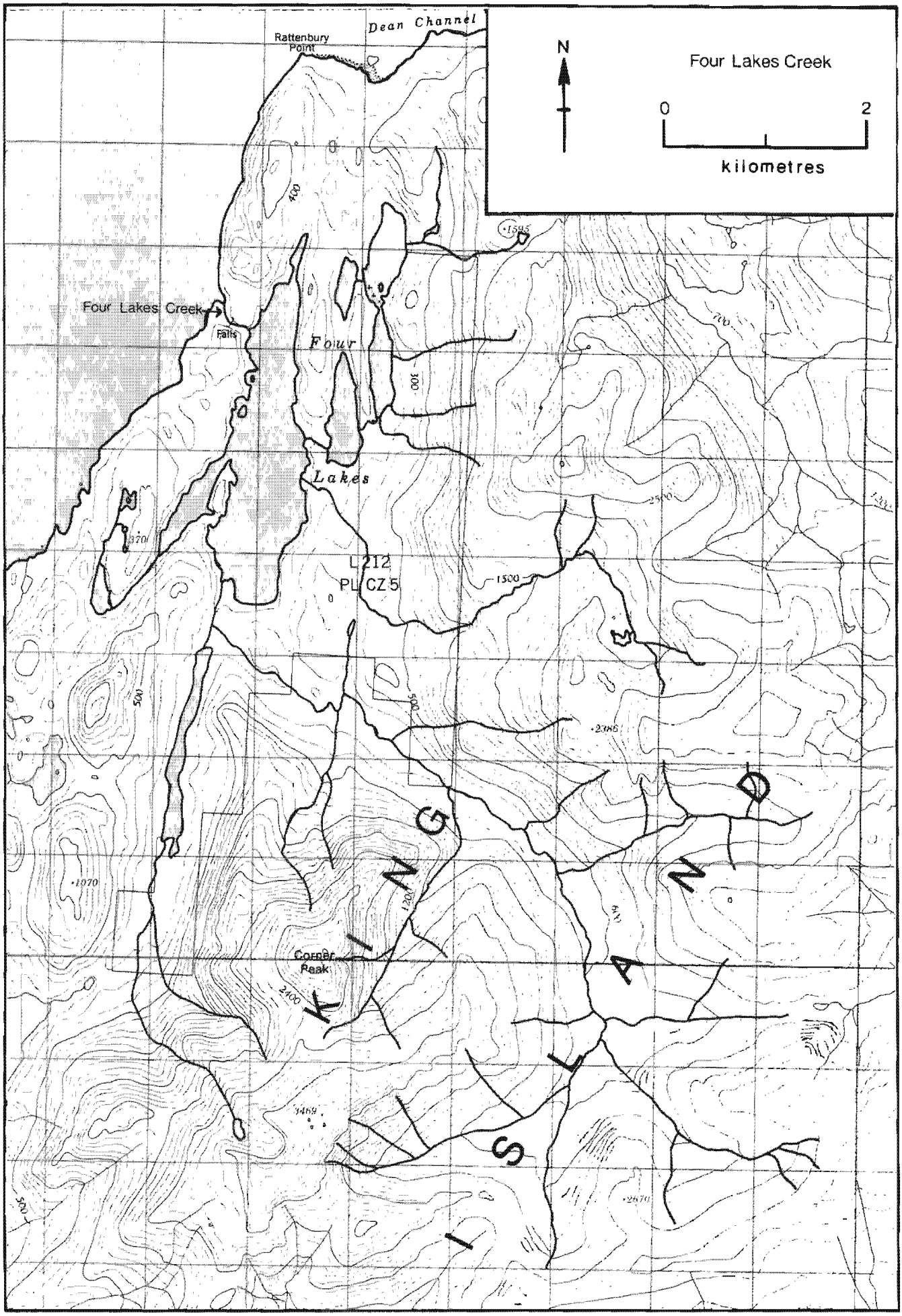
ESCAPEMENT RECORD FOR (Fish Egg Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	UNK		UNK			
48	300		300			
49	200		400			
50	400		400			
51	200		200			
52	200		200			
53	200		200			
54	200		200			
55	UNK		UNK			
56	200		400			
57						
58						
59		NOT	INSPECTED	BETWEEN	1957-1961	
60						
61						
62						
63						
64						
65						
66						
67		NO	RECORDS	BETWEEN	1962-1972	
68						
69						
70						
71						
72						
73	N/O		N/O			
74			NOT	INSPECTED		
75			NOT	INSPECTED		
76			RECORDS	DISCONTINUED		
77						
78						
79						
80						
81						
82						
83						
84						
85						

TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS

- 1950-1956. Reported by local residents.


Four Lakes Creek
N
0
2
kilometres
Dean Channel
Rattenbury Point
Four Lakes Creek
Falls
Four
Lakes
L 212
PL CZ 5
Corner Peak
KINGSLAND
400
300
500
1500
2300
1070
2400
2870

NAME OF STREAM (Four Lakes Creek)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows S. into Fisher Chan., S. of Cousins Inlet, on King I., Rge. 3, Coast Dist. POSITION 52 127 SW.

LENGTH 0.5 km WIDTH 34.0 m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER 80% COARSE 20% FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	0 - 200 m
0.50 - 0.75	200 - 400 m
0.75 - 1.00	400 - 500 m
>1.00	

WETTED AREA 21480 m^2 SPAWNING AREA 4295 m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 14.0 (77/07/22)

BARRIERS OR POINTS OF DIFFICULT ASCENT

Impassable 18 m falls at 0.5 km.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	
CHUM	- intertidal zone
PINK (ODD YEAR)	- intertidal zone
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

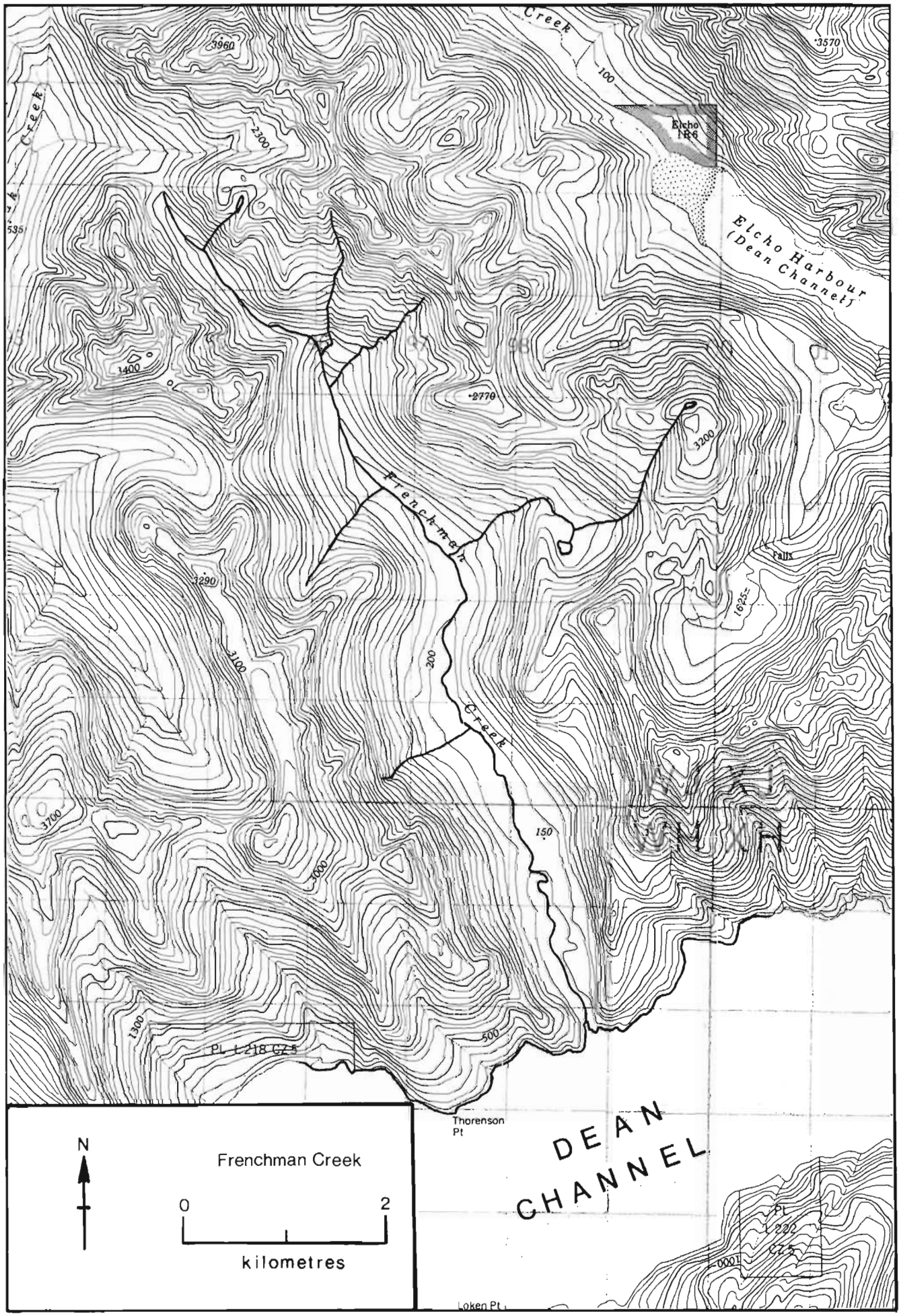
GENERAL REMARKS

- 1979. Inspected for the first time this year for Fisheries stream inventory.

ESCAPEMENT RECORD FOR (Four Lakes Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79				250	150	
80						
81						
82						
83						
84						
85						
TIMING						
ARRIVE				AUG	AUG	
START				SEPT	SEPT	
PEAK				SEPT	SEPT	
END				L. OCT	M. OCT	

REMARKS


Creek
3960
3570
100
Elcho Lake
Elcho Harbour (Dean Channel)
2300
535
1400
2770
3200
Frenchman
Falls
3290
1625
3100
200
Creek
3700
150
3000
1300
500
PL L 218 CZ 5
Thorenson Pt
DEAN CHANNEL
PL L 222 CZ 5
0001
Loken Pt
N
Frenchman Creek
0
2
kilometres

NAME OF STREAM FRENCHMAN CREEK

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SE. into Dean Chan., E. of Ocean Falls P.O., Rge. 3, Coast Dist. POSITION 52 127 SW.

LENGTH 5.5 km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
> 1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- throughout
CHUM	- lower 1.5 km
PINK (ODD YEAR)	- lower 1.5 km
PINK (EVEN YEAR)	- lower 1.5 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS

- This stream is subject to extreme low water conditions during summer.
- 1955. Logging which started in 1951 has terminated.
- 1965. Water levels extremely low during migration. Loss of pink spawn due to fish being trapped in warm pools in intertidal zone.
- 1968. Falls at salt water present. Fish need high tide to enter stream.
- 1969. Spawning gravel in patches up to 1.5 km; water fast flowing and bouldery above it.
- 1970. Subject to flash flooding.
- 1979. Good spawning gravel throughout.

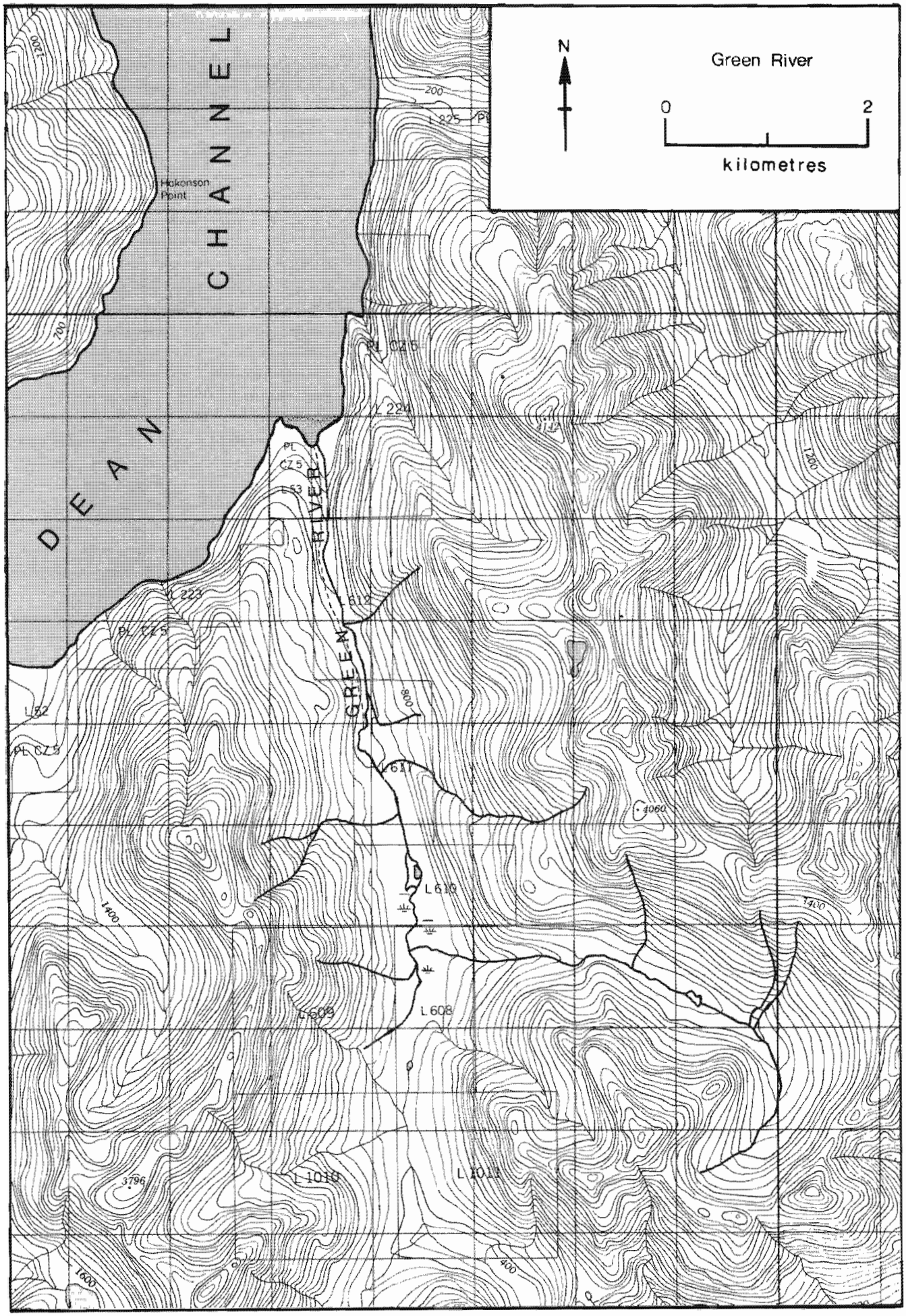
ESCAPEMENT RECORD FOR FRENCHMAN CREEK

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				3500	1500	
48				750	750	
49				1500	3500	
50			200	1500	1500	
51			1500	1500	1500	
52			750	400	3500	
53			200	750	3500	
54			400	3500	3500	
55			750	400	750	
56			750	3500	7500	
57			400	200	200	
58			400	750	200	
59			1500	750	3500	
60			750	400	7500	
61			1500	400	7500	
62			N/O	200	15000	
63			400	1500	3500	
64			N/O	1500	1500	
65				400	1500	
66			750	400	3500	
67			UNK	1500	750	
68			1500	3500	7500	
69			N/O	400	UNK	
70			1500	3500	3500	
71			1500	3500	1500	
72			400	750	3500	
73				3500	750	
74				1500	2000	
75			400	200	1500	
76			3500	100	2000	
77			1500	300	5000	
78			500	100	500	
79			1000	450	25000	
80			250	3000	2000	
81						
82						
83						
84						
85						

TIMING

ARRIVE			SEPT	E. SEPT	L. AUG	
START			OCT	E. SEPT	E. SEPT	
PEAK			NOV	M. SEPT	M. SEPT	
END			DEC	OCT	E. OCT	

REMARKS


N
Green River
0
2
kilometres
DEAN CHANNEL
Hakonson Point
GREEN RIVER
L 225
L 224
L 223
L 612
L 611
L 610
L 609
L 608
L 1010
L 1011
4060
3796
1200
1400
1600
400
200

NAME OF STREAM (Green River)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows N. into Dean Chan., Rge. 3, Coast Dist.

POSITION 52 127 SW.

LENGTH 0.5 km WIDTH 22.0 m DRAINAGE _____ km^2

COMPOSITION: BEDROCK 40% BOULDER 50% COARSE 10% FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	0.0 - 0.3 km
0.50 - 0.75	0.3 - 0.5 km
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 12.0 (78/06/21)

BARRIERS OR POINTS OF DIFFICULT ASCENT

Impassable cascading falls at 0.5 km.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	
CHUM	- throughout tidal delta
PINK (ODD YEAR)	- throughout tidal delta
PINK (EVEN YEAR)	- throughout tidal delta
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS

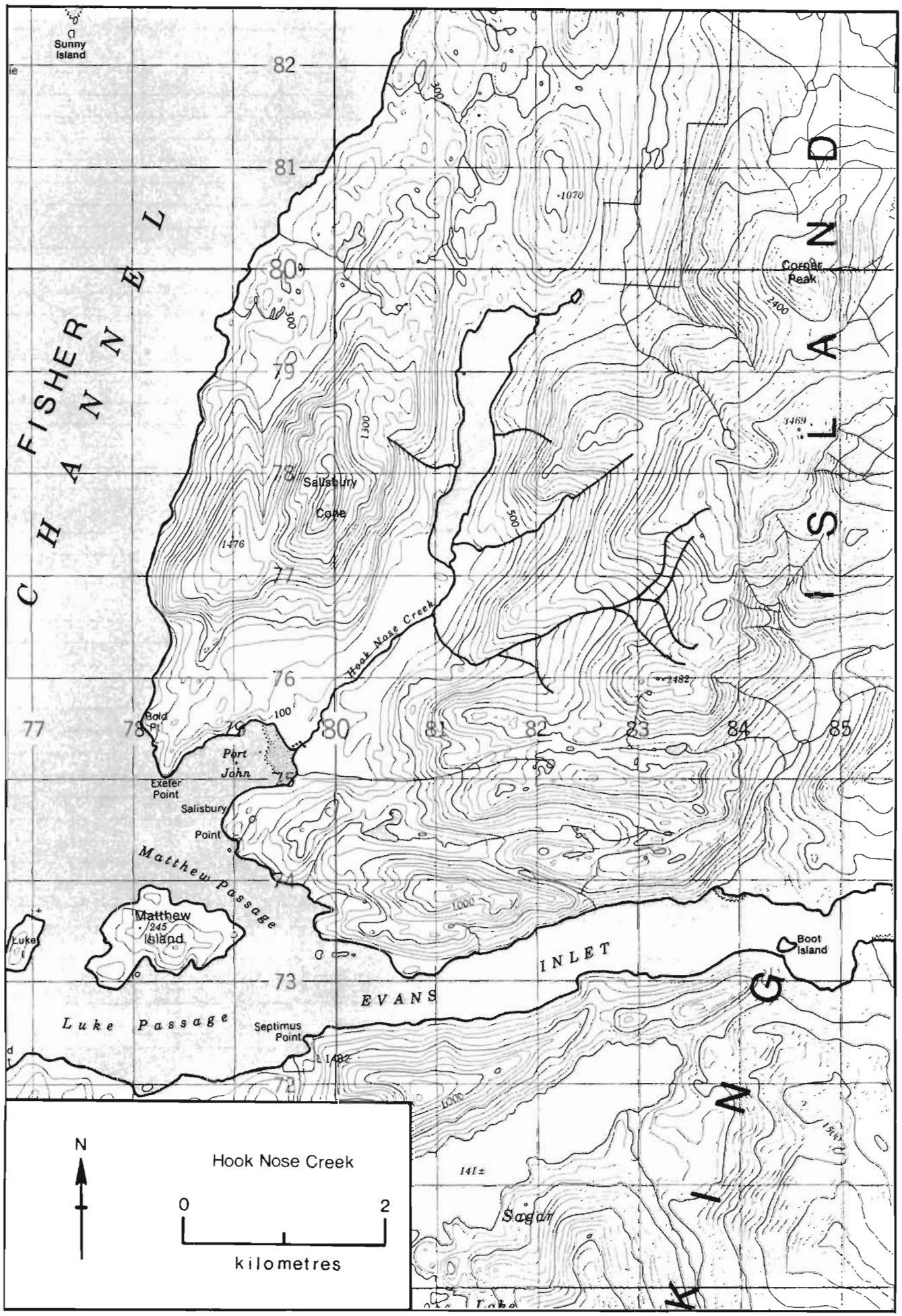
ESCAPEMENT RECORD FOR _____ (Green River)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72				700	2500	
73				1500	1500	
74				NOT INSPECTED		
75				200	750	
76				25	250	
77				100	400	
78				N/O	N/O	
79				25	400	
80				N/O	N/O	
81						
82						
83						
84						
85						

TIMING

ARRIVE				L. AUG	L. AUG	
START				SEPT	SEPT	
PEAK				SEPT	SEPT	
END				SEPT	SEPT	

REMARKS _____


Sunny Island
FISHER CHANNEL
Salisbury Cove
Hook Nose Creek
Corner Peak
Bold Pt
Port John
Exeter Point
Salisbury Point
Matthew Passage
Matthew Island
Luke I
Luke Passage
Septimus Point
EVANS INLET
Boot Island
Sogdi
Lake
N
Hook Nose Creek
0
2
kilometres

NAME OF STREAM HOOK NOSE CREEK (Port John Creek)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SW. into Port John, on King I., SW. of Four Ls., Rge. 3, Coast Dist. POSITION 52 127 SW.

LENGTH 4.0 km WIDTH 8.5 m DRAINAGE _____ km^2

COMPOSITION: BEDROCK 5% BOULDER 31% COARSE 32% FINE 32%

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	throughout
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 89375 m^2 SPAWNING AREA 64630 m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 12.0 (77/07/14)

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- in lake tributaries
CHINOOK	
COHO	- throughout
CHUM	- below lake
PINK (ODD YEAR)	- below lake
PINK (EVEN YEAR)	- below lake
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS

- 1959. Counting fence was not in operation due to extremely high water level.
- 1966. Old counting fence is causing silting at the entrance of stream and making entry difficult for fish passage.
- 1975. Pink and chum in this stream are of late variety and enter the creek towards and after the end of commercial fishery.
- 1976. Extensive seine fishery at Port John entrance.

References:

Marshall, D.E. and E.W. Britton. 1980. Carrying capacity of coho streams. Fisheries and Oceans; Enhancement Services Branch. 33 pp.

ESCAPEMENT RECORD FOR HOOK NOSE CREEK (Port John Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	200		400	7500	3500	
48	755		529	1200	1466	
49	3500		750	750	1500	
50	750		200	3500	1500	
51	1500		200	1500	1500	
52	750		750	750	15000	
53	1500		750	3500	1500	
54	750		400	1500	35000	
55	3500		750	1500	1500	
56	1500		750	3500	35000	
57	1353		720	3698	2333	
58	1248		668	3749	6109	
59	1000		565	525	1350	
60	268		220	1287	3165	
61	126		614	1540	354	
62	N/0		373	2450	8288	
63	N/0		N/0	3500	200	
64	750		N/0	750	750	
65	N/0		UNK	N/0	N/0	
66	25		N/0	3500	7500	
67	750		400	3500	200	
68	N/0		400	3500	7500	
69	N/0		UNK	400	200	
70	N/0		400	1500	3500	
71	N/0		750	3500	3500	
72	N/0		400	5000	18000	
73	750		200	7500	3500	
74	300		400	2000	8000	
75	400		400	3500	7500	
76	250		400	600	7500	
77	750		300	5000	20000	
78	300		250	1500	10000	
79	400		400	500	5000	
80	1000		250	400	8000	
81						
82						
83						
84						
85						

TIMING

ARRIVE	JULY		OCT	E. SEPT	L. AUG	
START	SEPT		OCT	M. SEPT	E. SEPT	
PEAK	SEPT		NOV	L. SEPT	M. SEPT	
END	OCT		DEC	OCT	OCT	

REMARKS

- 1948, 57. Fence counts.
- 1960. 45% of sockeye run was composed of jacks.
- 1961. 33% of sockeye and 44% of coho runs were composed of jacks.

Jenny Bay Creeks (3)
N
0
2
kilometres
KINGISLAND
Jenny Inlet
Jenny Inlet
Point
1
2
3
L-13 A
PL CZ 5
L-22
PL CZ 5
PL L-22 CZ5
1000
1200
1700
2100
2500
83
84
85
86
87
88
89

NAME OF STREAM (Jenny Bay Creeks - 3)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows NE., N. and W. into Jenny Inlet, E. shore of Dean Chan., SE. of Ocean Falls P.O., Rge. 3, Coast Dist. POSITION 52 127 SW.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 10.0 (78/06/21)

BARRIERS OR POINTS OF DIFFICULT ASCENT
Impassable falls at 1.5 km in the right hand stream (no. 3) and at 1.0 km in the center stream (no. 2).

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- to falls
CHUM	- to falls
PINK (ODD YEAR)	- to falls
PINK (EVEN YEAR)	- to falls
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS
- 1956. Some prespawning mortality for pink.
- 1964. A good producer on very limited spawning area.
- 1965. Streams were dry during summer months.
- 1967. Limited spawning area in all three streams. Streams are dependent on rain as water levels are extremely low during summer months.
- 1969. Very low water level.
- 1972. 80% of spawning occured in the right hand stream; 15% in the center stream and 5% in the left side stream.
- 1980. 40% of the spawn was washed out by September freshet.

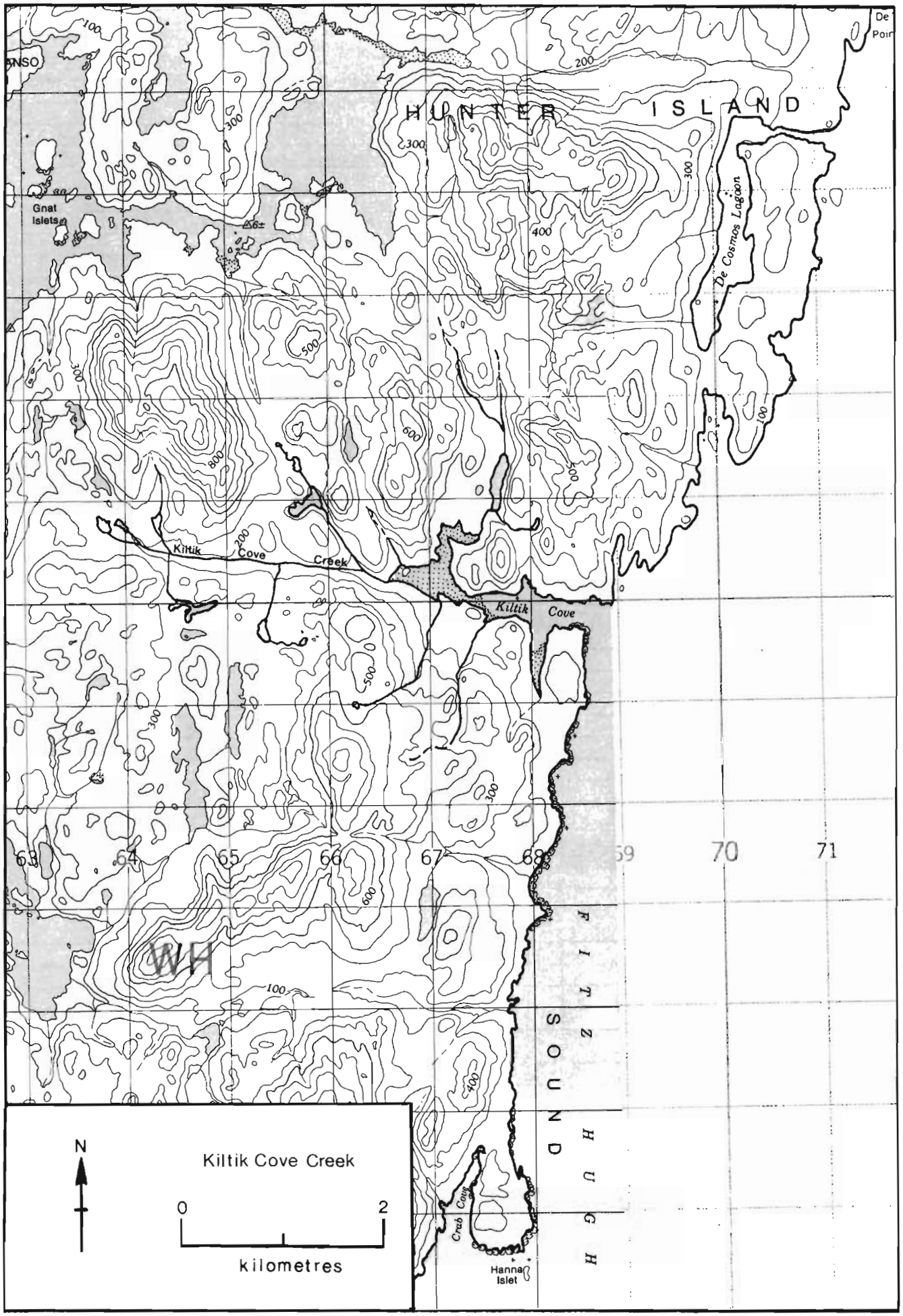
ESCAPEMENT RECORD FOR (Jenny Bay Creeks)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				7500	7500	
48				3500	3500	
49			200	1500	3500	
50			200	750	3500	
51			200	3500	3500	
52			200	7500	3500	
53			400	3500	3500	
54			400	7500	35000	
55			200	3500	7500	
56			400	3500	75000	
57			200	3500	1500	
58			200	1500	1500	
59			N/O	1500	7500	
60			400	3500	7500	
61			400	1500	7500	
62			N/O	3500	15000	
63			200	7500	7500	
64			200	7500	7500	
65			N/O	400	1500	
66			25	3500	3500	
67				1500	750	
68			UNK	7500	15000	
69			UNK	3500	UNK	
70			N/O	7500	7500	
71			UNK	3500	1500	
72			UNK	7000	6000	
73			75	7500	1500	
74			200	5000	4000	
75			200	1500	7500	
76			200	750	1750	
77	5		150	2500	6500	
78			UNK	1200	3000	
79			UNK	3400	9000	
80			UNK	6800	2000	
81						
82						
83						
84						
85						

TIMING

ARRIVE			OCT	M. AUG	M. AUG	
START			OCT	E. SEPT	M. AUG	
PEAK			NOV	M. SEPT	M. SEPT	
END			DEC	L. SEPT	E. OCT	

REMARKS


HUNTER ISLAND
Gnat Islets
De Cosmos Lagoon
Kiltik Cove Creek
Kiltik Cove
FITZHUGH SOUND
Crab Cove
Hanna Islet
63
64
65
66
67
68
69
70
71
N
Kiltik Cove Creek
0
2
kilometres

NAME OF STREAM _____ (Kiltic Cove or Crab Harbour Creek)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows E. into Kiltic Cove, E. side of Hunter I., E. of Kildidt Inlet, Rge. 2, Coast Dist. POSITION 51 128 NE.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- in pools
CHUM	- intertidal zone and beach
PINK (ODD YEAR)	- to 1.5 km
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS

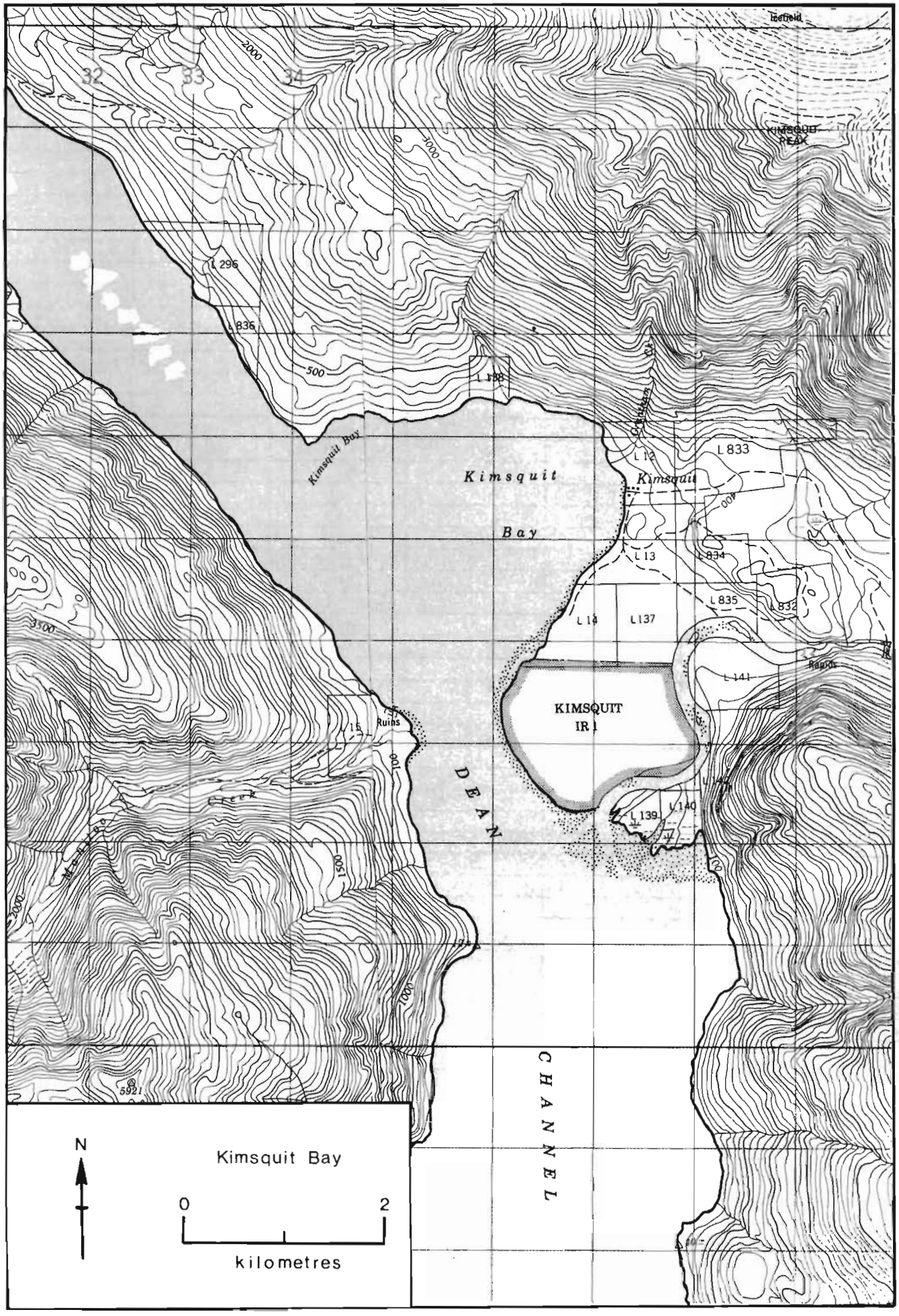
- Very limited spawning area and a poor salmon producer.
- 1966. Stream is bouldery and overgrown.
- 1974. Stream was dry during summer months.

ESCAPEMENT RECORD FOR _____ (Kiltik Cove or Crab Harbour Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49			NO RECORDS BETWEEN 1947-1951			
50						
51						
52			75	400		
53				NO RECORD		
54			200	3500	1500	
55			200	75		
56			200	200		
57			200	400		
58			200	1500		
59			400	400		
60			N/O	750		
61				75		
62				200		
63			25	200	25	
64			N/O	N/O	N/O	
65				N/O	N/O	
66				200		
67				UNK	N/O	
68			UNK	750	750	
69			NOT	INSPECTED		
70			NOT	INSPECTED		
71			NOT	INSPECTED		
72			N/O	N/O	N/O	
73			N/O	N/O		
74			N/O	N/O	N/O	
75			N/O	N/O	N/O	
76					600	
77			N/O	N/O	N/O	
78			N/O	N/O	50	
79			NOT	INSPECTED		
80			NOT	INSPECTED		
81						
82						
83						
84						
85						

TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS _____


Kimsquit Bay
Kimsquit
Bay
KIMSQUIT
IR 1
DEAN
CHANNEL
Ruins
Rapids
L 296
L 836
L 833
L 12
L 13
L 834
L 835
L 832
L 14
L 137
L 141
L 139
L 140
L 15
5921
N
Kimsquit Bay
0
2
kilometres

NAME OF STREAM KIMSQUIT BAY (Cannery Bay)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH E. side of Dean Chan., Rge. 3, Coast Dist.

POSITION 52 126 NW.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

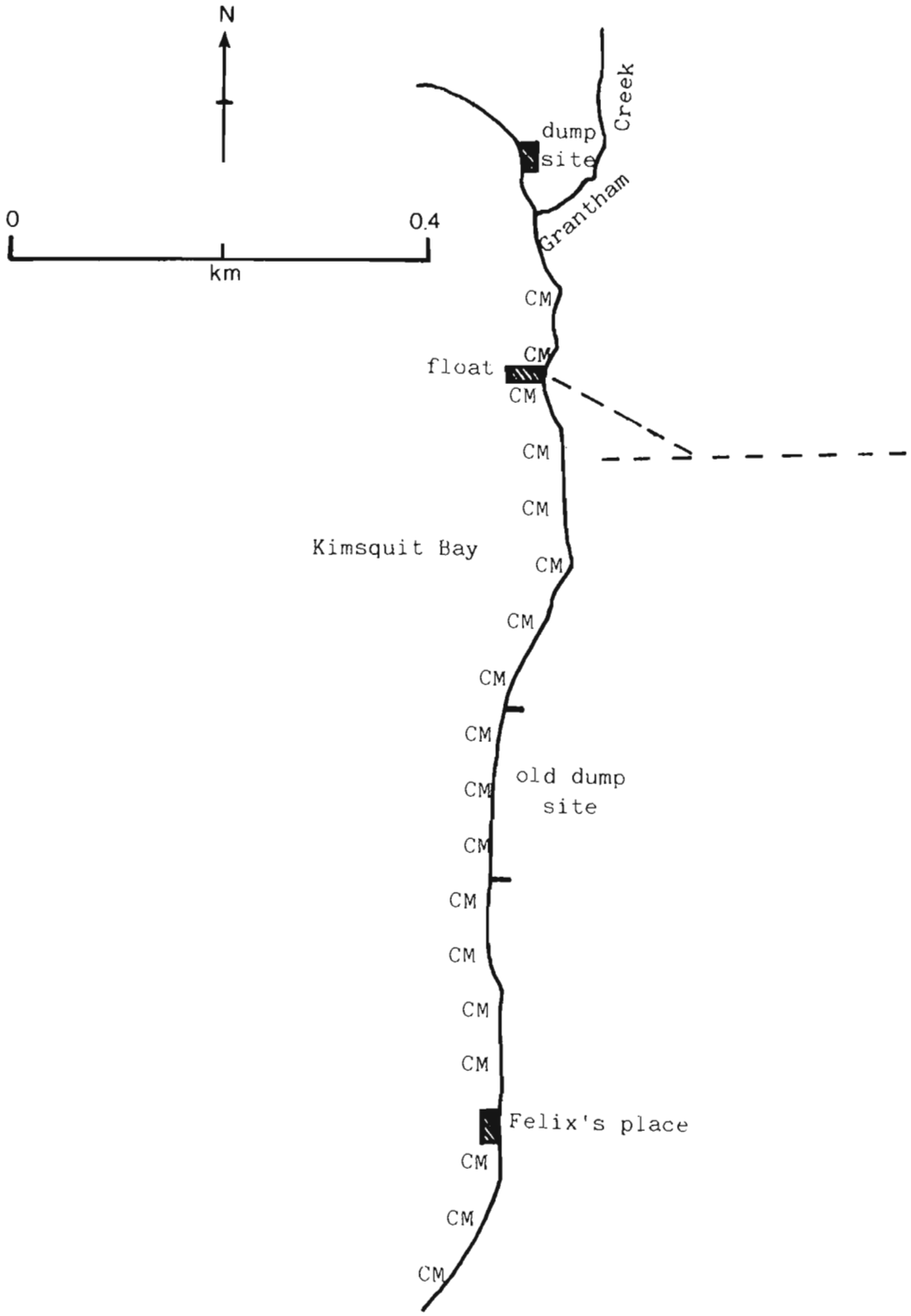
SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	
CHUM	- beach
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS - Tidal water spawning.
- 1970. Barge loading by logging company created considerable bark deposit.
- 1971. Log dump and log storage on this beach.
- 1972. Light escapement possibly due to fishing pressure in Dean Channel.
- 1973. The log dump on this beach takes up considerable spawning area, disturbs the fish while holding and spawning, and causes bark and debris to accumulate on the beach and on the sea bottom.
- 1976. Main log dump was removed by B.C. Forest Service this summer.
- 1978. Logging operations by McDonald Cedar Products was completed in mid-Nov.

Sketch of
Kimsquit Bay, 1977

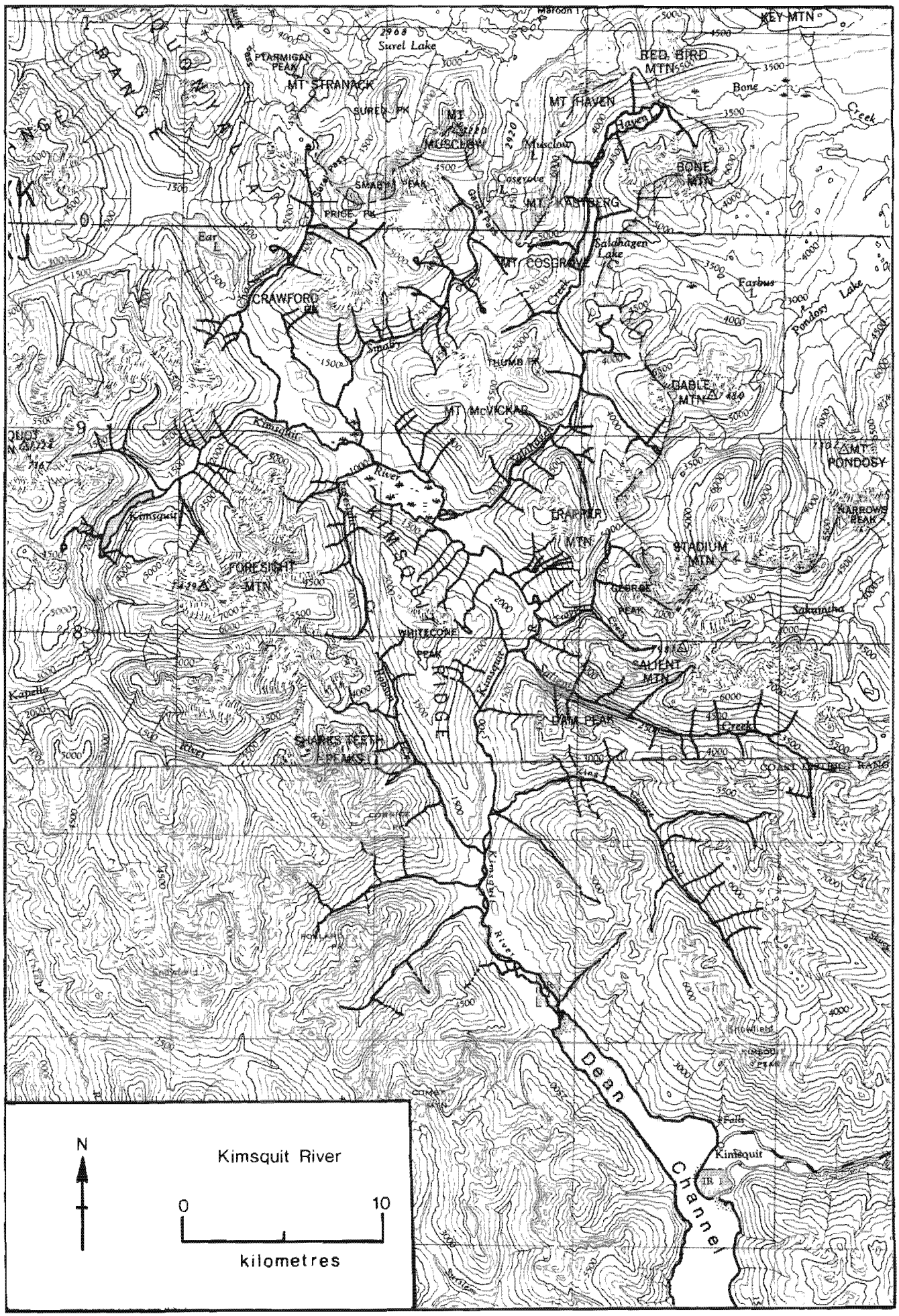


ESCAPEMENT RECORD FOR KIMSQUIT BAY (Cannery Bay)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				NO RECORD		
48				NO RECORD		
49				UNK		
50				3500		
51				3500		
52				3500		
53				3500		
54				1500		
55				3500		
56				3500		
57				1500		
58				1500		
59				1500		
60				1500		
61				3500		
62				1500		
63				3500		
64				3500		
65				200		
66				7500		
67				3500		
68				7500		
69				7500		
70				7500		
71				7500		
72				2750		
73				2000		
74				300		
75				1500		
76				1000		
77				4500		
78				1000		
79				1000		
80				6250		
81						
82						
83						
84						
85						

TIMING						
ARRIVE				M. AUG		
START				M. AUG		
PEAK				M. SEPT		
END				OCT		

REMARKS


KEY MTN
Surel Lake
PTARMIGAN PEAK
MT STRANACK
RED BIRD MTN
MT HAVEN
Bone
Creek
Haven
SUREL PK
MT MUSCLOW
Musclow
BONE MTN
SMARM PEAK
Cosgrove L
MT KABTBERG
PRICE PK
Ear L
Saldhagen Lake
MT COSGRAVE
CRAWFORD PK
Farbus L
Pondosy Lake
Smarm
THUMB PK
GABLE MTN
MT McVICKAR
Kimsquit
River
MT PONDOSY
NARROWS PEAK
BRAMPER MTN
STADIUM MTN
FORESIGHT MTN
GEORGE PEAK
Sakaimha
WHITECOMB PEAK
SALIENT MTN
Kapella
DAM PEAK
Creek
SHARKS TEETH PEAKS
COAST DISTRICT RANGE
King
Dean
Channel
Howlield
Falls
Kimsquit
IR 1
N
Kimsquit River
0
10
kilometres

NAME OF STREAM KIMSQUIT RIVER (and Lake)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows S. into head of Dean Chan., Rge. 3, Coast Dist.

POSITION 52 127 NE.

LENGTH 56.5 km WIDTH 40.0* m DRAINAGE _____ km^2

*COMPOSITION: BEDROCK 1% BOULDER 37% COARSE 27% FINE 17%

SILT & SAND 18% UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 853000* m^2 SPAWNING AREA 405500* m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 11.0 (78/07/19)

BARRIERS OR POINTS OF DIFFICULT ASCENT

Passable canyon at 13.0 km.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- below and in lake
CHINOOK	- to 20.0 km
COHO	- throughout
CHUM	- side channels and tributaries below the canyon
PINK (ODD YEAR)	- side channels and tributaries below the canyon
PINK (EVEN YEAR)	- side channels and tributaries below the canyon
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS * To 10.5 km only.

- There is a large seal population at the mouth of this stream.
- River is subject to high water levels because of glacier.
- 1950. Very high turbulent water caused changes in the stream course.
- 1957. This river has a very dense undergrowth.
- 1962. Furthest point of access to man is 24.0 km.
- 1966. Spawning area was flooded in October.
- 1977. Enumeration difficult due to glacial silt.
- 1980. Water levels were low throughout the spawning season. 25% of chum spawn was destroyed by September freshet. Sparmack Timber Ltd. have built 12 km of road up to Kimsquit River.

ESCAPEMENT RECORD FOR KIMSQUIT RIVER (and Lake)

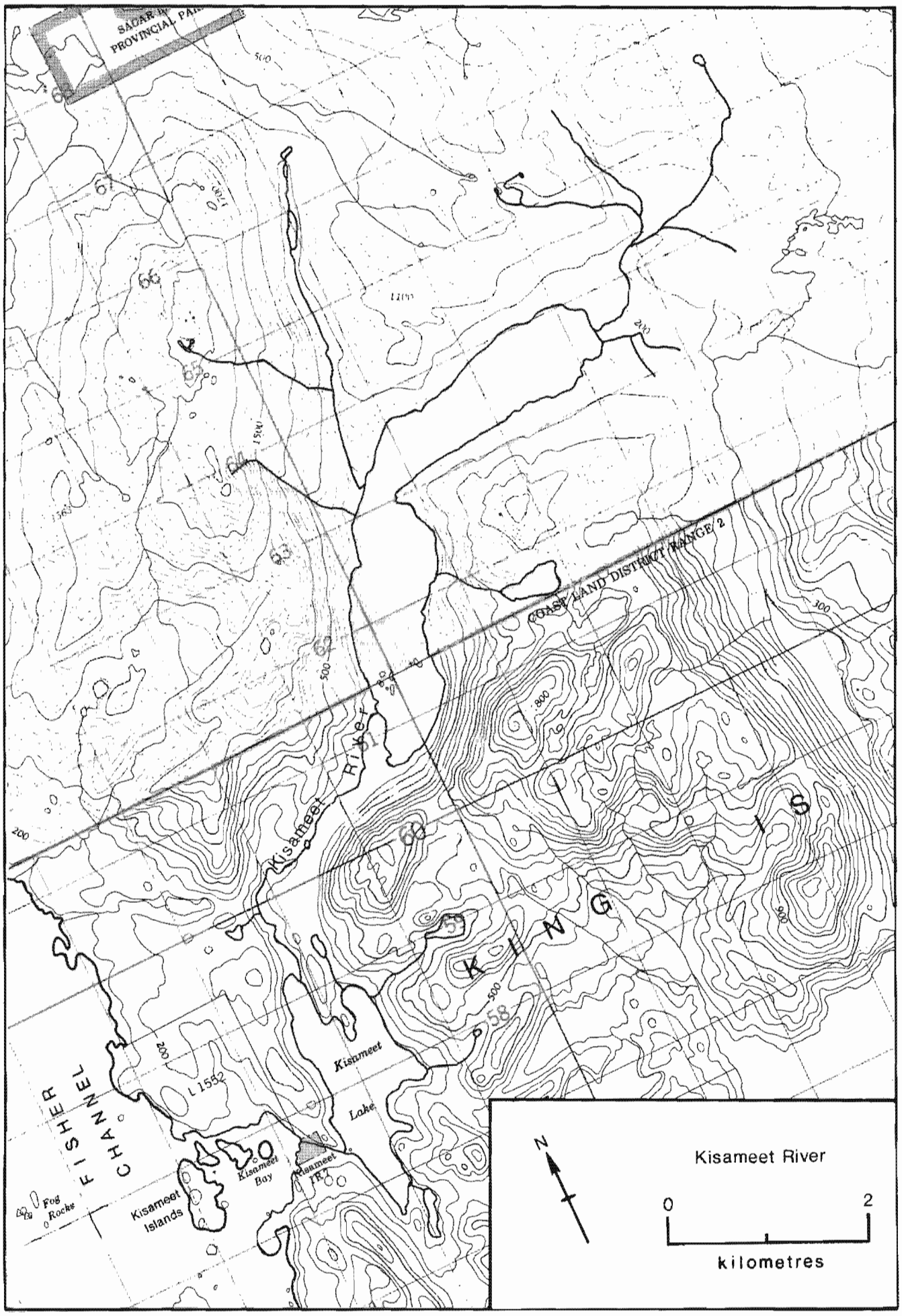
YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	750	3500	1500	7500	7500	3500
48	3500	1500	3500	7500	7500	750
49	7500	750	7500	7500	3500	750
50	7500	750	7500	15000	7500	750
51	7500	3500	7500	35000	15000	750
52	7500	1500	7500	35000	7500	750
53	7500	750	3500	75000	3500	
54	15000	1500	7500	35000	7500	1500
55	3500	1500	7500	7500	3500	1500
56	7500	3500	7500	35000	7500	UNK
57	7500		7500	7500	3500	
58	UNK	UNK	UNK	UNK	UNK	
59	3500	UNK	UNK	7500	UNK	
60	7500	UNK	UNK	15000	3500	
61	N/O	N/O	N/O	35000	3500	
62	3500	N/O	N/O	15000	3500	
63	N/O	N/O	N/O	75000	3500	
64	N/O	750	N/O	75000	1500	
65	N/O		N/O	1500	200	
66	UNK		N/O	35000	7500	
67	15000	UNK	UNK	35000	UNK	
68	3500	N/O	UNK	75000	35000	
69	3500	N/O	UNK	35000	N/O	
70	3500	3500	3500	60000	60000	
71	75000	N/O	N/O	35000	N/O	
72	13500	75	N/O	65000	40000	
73	3500	200	3500	85000	N/O	
74	3500	25	3500	50000	55000	
75	35000	25	3500	45000	400	
76	25000	150	4000	35000	15000	
77	10000	200	3500	30000	500	
78	12000	400	3500	5000	5000	
79	8000	400	3000	35000	100	
80	7500	400	1500	30000	15000	
81						
82						
83						
84						
85						

TIMING

ARRIVE	JULY	JULY	SEPT	E. AUG	AUG	
START	SEPT	AUG	OCT	E. AUG	AUG	
PEAK	M. OCT	AUG	NOV	L. AUG	M. AUG	
END	NOV	SEPT	DEC	OCT	SEPT	

REMARKS

- 1958. Inspection of the lower reaches was difficult due to extensive glacial mud and extremely high water level in the lake.


PROVINCIAL PA
COAST LAND DISTRICT RANGE 2
Kisameet River
Kisameet Lake
Kisameet Bay
Kisameet IR 7
Kisameet Islands
FISHER CHANNEL
KING IS
Fog
Rocks
L 1552
Kisameet River
0
2
kilometres
N

NAME OF STREAM (Kisameet River)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SW. into Kisameet Bay, SW. shore of King I., Fisher Chan., Rge. 2, Coast Dist. POSITION 51 127 NW.

LENGTH 6.5 km WIDTH 18.5* m DRAINAGE _____ km^2

*COMPOSITION: BEDROCK _____ BOULDER _____ COARSE 60% FINE 40%

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	0.0 - 0.5 km
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 11455 * m^2 SPAWNING AREA 10455 * m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 14.0 (77/06/30)

BARRIERS OR POINTS OF DIFFICULT ASCENT
Passable cascading falls at 183 m except to chum.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- lake tributaries
CHINOOK	
COHO	- throughout
CHUM	- below lake
PINK (ODD YEAR)	- below lake
PINK (EVEN YEAR)	- below lake
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS * To entrance of Kisameet Lake only.
- 1965. Stream was dry.
- 1970. Low water levels.
- 1971. Subject to heavy commercial fishing pressure.
- 1977. Limited spawning gravel in lower reaches.
- 1979. Water levels remained extremely low throughout most of the spawning and incubating periods.

ESCAPEMENT RECORD FOR (Kisameet River)

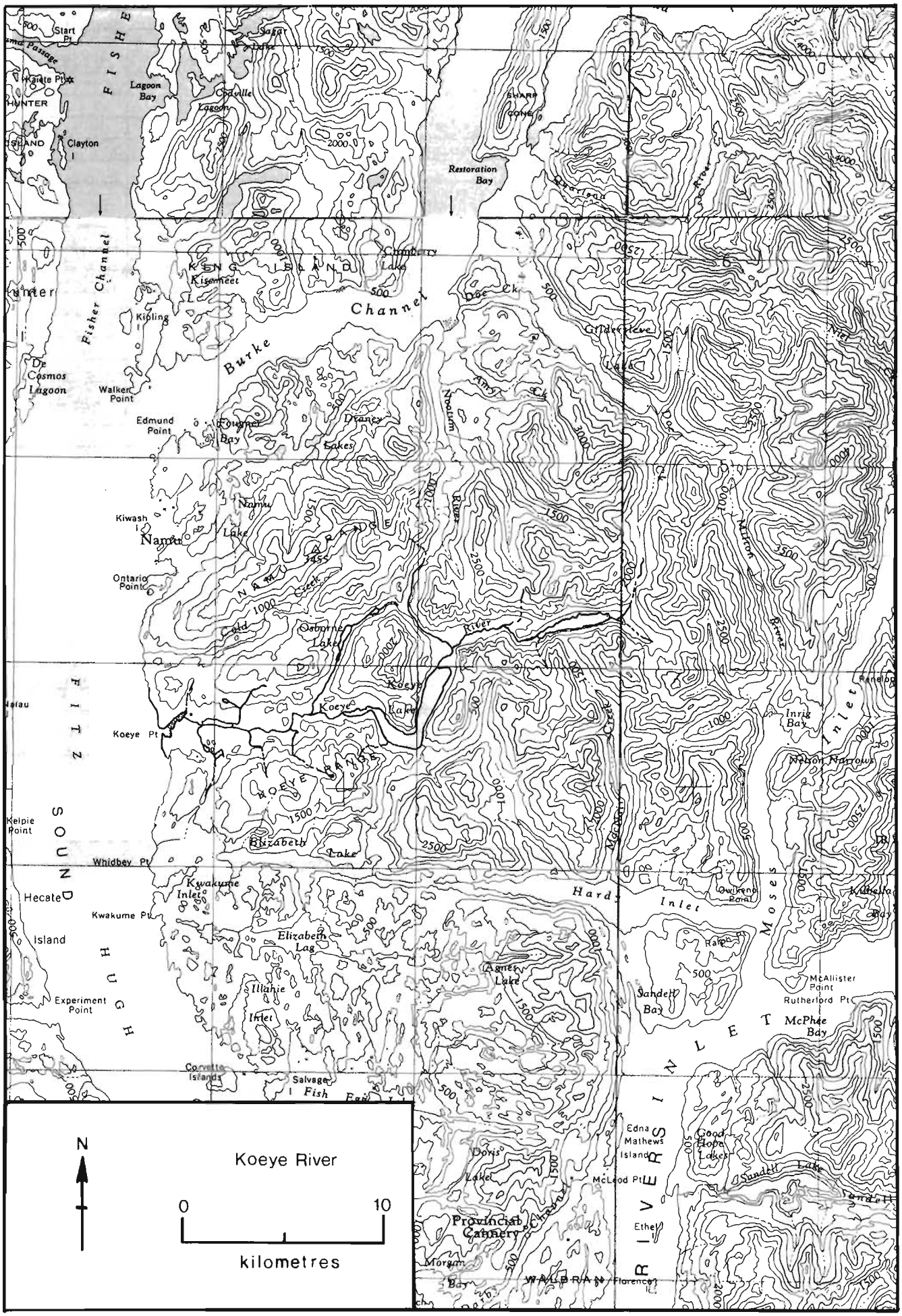
YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	1500		N/O	200	200	
48	750		400	400	750	
49	3500		400	400	3500	
50	3500		1500	3500	1500	
51	1500		400	400	1500	
52	1500		750	750	3500	
53	3500		750	400	200	
54	3500		1500	3500	3500	
55	3500		750	200	200	
56	1500		750	750	200	
57	3500		750	200	200	
58	750		750	200	200	
59	750		UNK	200	400	
60	750		N/O	200	750	
61	400		1500	75	1500	
62	1500		N/O	200	3500	
63	N/O		N/O	200	200	
64	25		75	200	200	
65	N/O			N/O	N/O	
66	N/O		1500	200	1500	
67	400		N/O	400	200	
68			NOT	INSPECTED		
69			NOT	INSPECTED		
70	UNK		N/O	750	400	
71	1500		UNK	400	750	
72	*		*	200	750	
73	750		200	400	400	
74	N/O		200	500	500	
75	*		400	400	1500	
76	200		400	100	2500	
77	*		300	500	7000	
78	*		200	3000	5000	
79	500		200	200	6000	
80	200		UNK	UNK	5000	
81						
82						
83						
84						
85						

TIMING

ARRIVE	JULY		OCT	E. SEPT	E. SEPT	
START	M. SEPT		OCT	E. SEPT	M. SEPT	
PEAK	M. OCT		NOV	L. SEPT	M. SEPT	
END	NOV		DEC	OCT	OCT	

REMARKS

* Lake and upper reaches were not inspected due to adverse weather conditions.


Start Pt
Lagoon Bay
Clayton
Restoration Bay
Fisher Channel
Kisameet
Kipling
Burke Channel
De Cosmos Lagoon
Walker Point
Edmund Point
Kiwash
Namu
Ontario Point
Koeye River
Koeye Pt
Kelpie Point
Whidbey Pt
Kwakume Inlet
Kwakume Pt
Hecate Island
Elizabeth Lake
Experiment Point
Illahie Inlet
Corvette Islands
Salvage
Hardy Inlet
Moses Inlet
Inrig Bay
Nelson Narrows
McAllister Point
Rutherford Pt
McPhee Bay
Sandell Bay
Agnes Lake
Edna Mathews Island
Good Hope Lakes
McLeod Pt
Doris Lake
Provincial Cannery
Morgan Bay
Ethel
Florence
Koeye River
0
10
kilometres
N

NAME OF STREAM KOEYE RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows W. into Fitz Hugh Sd., Rge. 2, Coat Dist.

POSITION 51 127 NW.

LENGTH 19.5 km WIDTH 36.0* m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 259040* m^2 SPAWNING AREA 153935* m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 2.22 (54/03/01); 3.33 (52/03/12); 14.0 (75/09/10)

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- lake tributaries
CHINOOK	
COHO	- throughout
CHUM	- between canyon and lake
PINK (ODD YEAR)	- up to and some in lake
PINK (EVEN YEAR)	- up to and some in lake
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS * To 8.5 km only.

- Large commercial fishery at the mouth of the stream for local and passing stocks.
- 1951. Cribbing installed in 1937 was destroyed by heavy rains.
- 1953. Cribbing to divert salmon to main spawning channel was rebuilt this fall.
- 1958. Rock cribbing below the canyon and falls was washed out during the winter floods.
- 1960. The new rock cribbing was installed by Fisheries engineering branch.
- 1963. Rock cribbing below falls at the outlet of lake is deteriorating.
- 1965. Water level was extremely low during pink migration; fish remained in intertidal zone. October flood washed out most of pink spawn.
- 1966. The flood in October caused substantial pink and chum spawn loss.
- 1967. Extensive Indian food fishery.

GENERAL REMARKS (cont.) - Koeye River

- 1971. The second run of pink dug up 25% of the redds.
- 1976. Spawners overcrowded in the upper portion of the river.
- 1980. Large commercial fishery at mouth for both local and passing stocks.

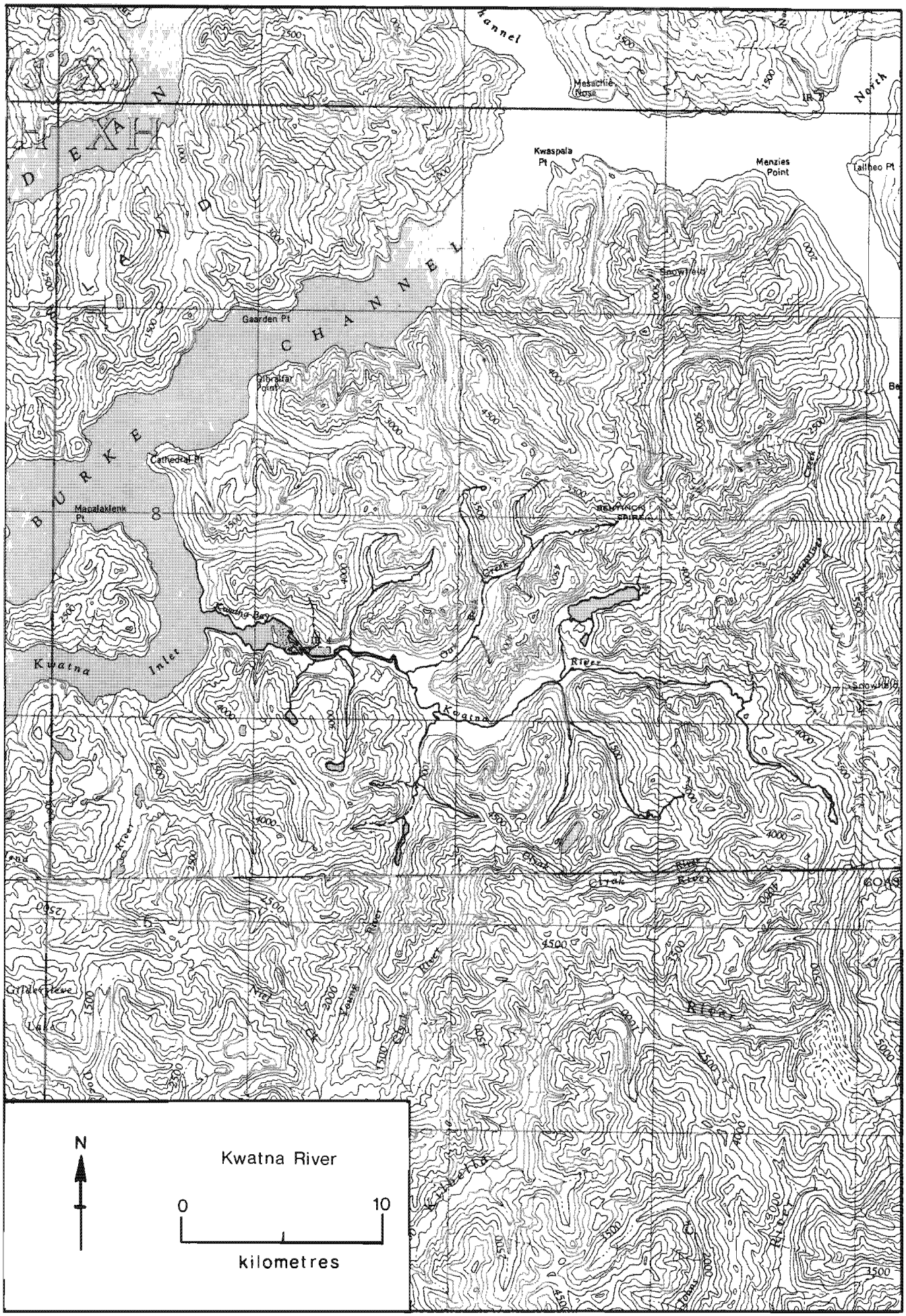
ESCAPEMENT RECORD FOR KOEYE RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	UNK		UNK	200	7500	
48	1500		3500	400	100000	
49	3500		3500	1500	100000	
50	3500		7500	15000	100000	
51	1500		7500	15000	100000	
52	1500		3500	15000	100000	
53	3500		1500	15000	100000	
54	1500		3500	15000	75000	
55	1500		3500	7500	75000	
56	3500		3500	7500	75000	
57	7500		3500	7500	75000	
58	750		3500	400	3500	
59	3500		UNK	400	3500	
60	1500		UNK	750	7500	
61	750		7500	400	75000	
62	N/O		3500	7500	75000	
63	N/O		3500	N/O	75000	
64	750		3500	3500	35000	750
65	750		7500	UNK	15000	
66	750		7500	3500	35000	
67	1500		UNK	750	7500	
68	750		7500	7500	75000	
69	750		3500	750	35000	
70	1500		3500	15000	60000	
71	3500		7500	UNK	125000	
72	3500		3500		75000	
73	3000		3500	75	60000	UNK
74	2500		7500	4000	85000	UNK
75	3500			75	47500	
76	9000		4000	500	200000	
77	3500		2500	500	110000	
78	300		4000	5000	90000	
79	14000		7500	100	70000	
80	2500		1000	200	30000	
81						
82						
83						
84						
85						

TIMING

ARRIVE	JUNE		E. SEPT	SEPT	M. AUG	
START	SEPT		OCT	SEPT	E. SEPT	
PEAK	OCT		OCT	M. SEPT	L. SEPT	
END	NOV		DEC	OCT	OCT	

REMARKS


Kwaspala Pt
Menzies Point
Tailheo Pt
Gaarden Pt
Gibraltar Point
Cathedral Pt
Magalaklenk Pt
Kwatna Inlet
Kwatna River
Snowfield
N
Kwatna River
0
10
kilometres

NAME OF STREAM KWATNA RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows W. into Kwatna Bay, E. of Kwatna Inlet, Rge. 3, Coast Dist. POSITION 52 127 SE.

LENGTH 17.5 km WIDTH 41.5 m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 10.0 (75/09/22)

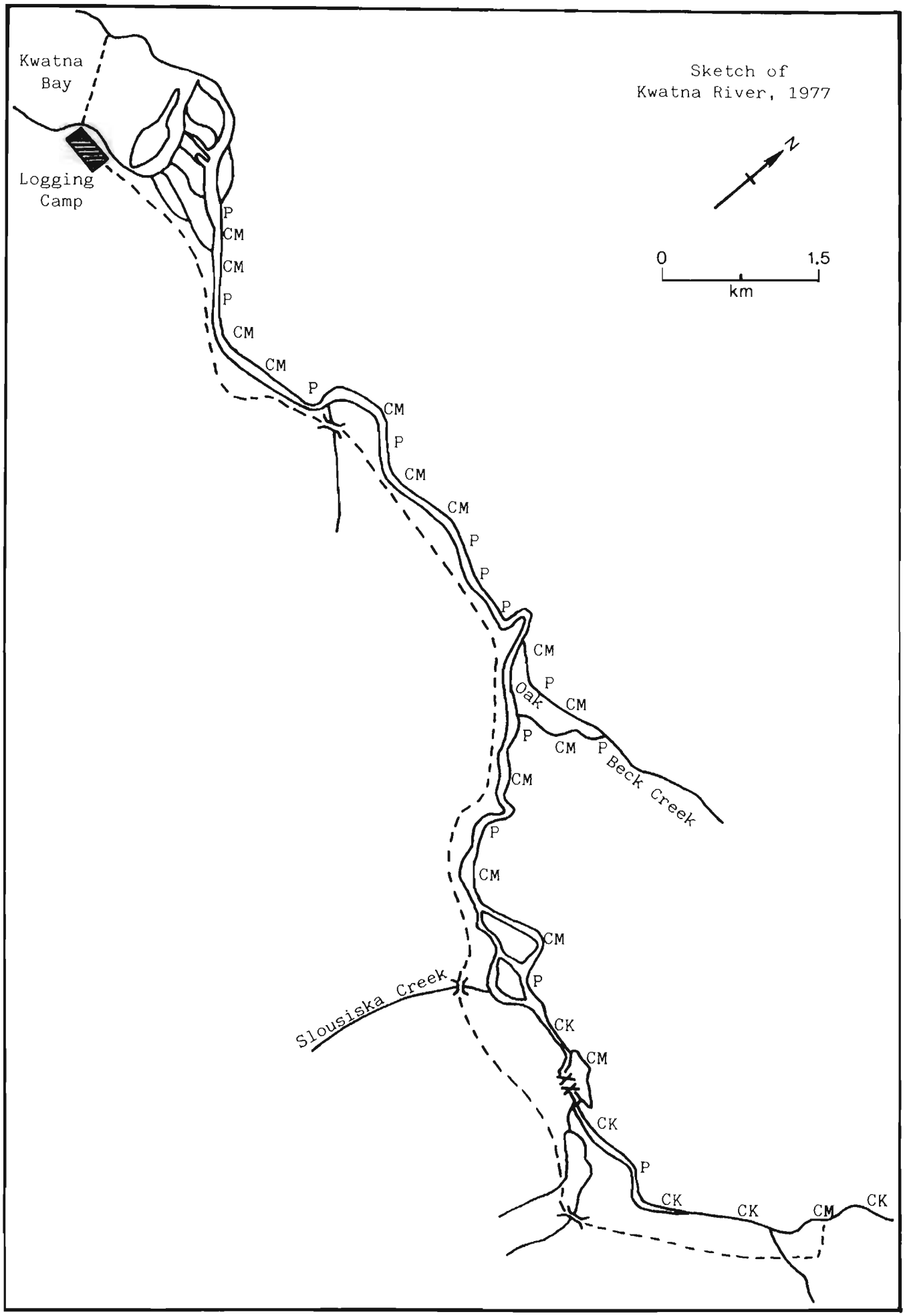
BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- throughout
CHINOOK	- above 10.0 km
COHO	- throughout
CHUM	- to 16.0 km
PINK (ODD YEAR)	- to 10.0 km
PINK (EVEN YEAR)	- to 10.0 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS - River subject to flash flooding.
- Large population of seal in estuary.
- Stream is subject to sports fishing pressure in the fall.
- 1963. Good spawning gravel throughout.
- 1965. October floods caused heavy damage.
- 1971. Logging (10 year harvesting plan) commenced this year.
- 1977. Poor road construction practices have resulted in silting.
- 1978. Poor sports fishing in fall. This system has suffered considerable damage due to poor logging practices.
- 1979. Coho fishing in the fall showed little improvement.
- 1980. Water quality on tributaries should be monitored as logging has progressed above the spawning areas.


Sketch of
Kwatna River, 1977
N
0
1.5
km
Kwatna
Bay
Logging
Camp
P
CM
CM
P
CM
CM
P
CM
P
CM
CM
P
P
P
CM
P
CM
Oak
P
CM
P
Beck Creek
CM
P
CM
CM
P
Slousiska Creek
CK
CM
CK
P
CK
CK
CM
CK

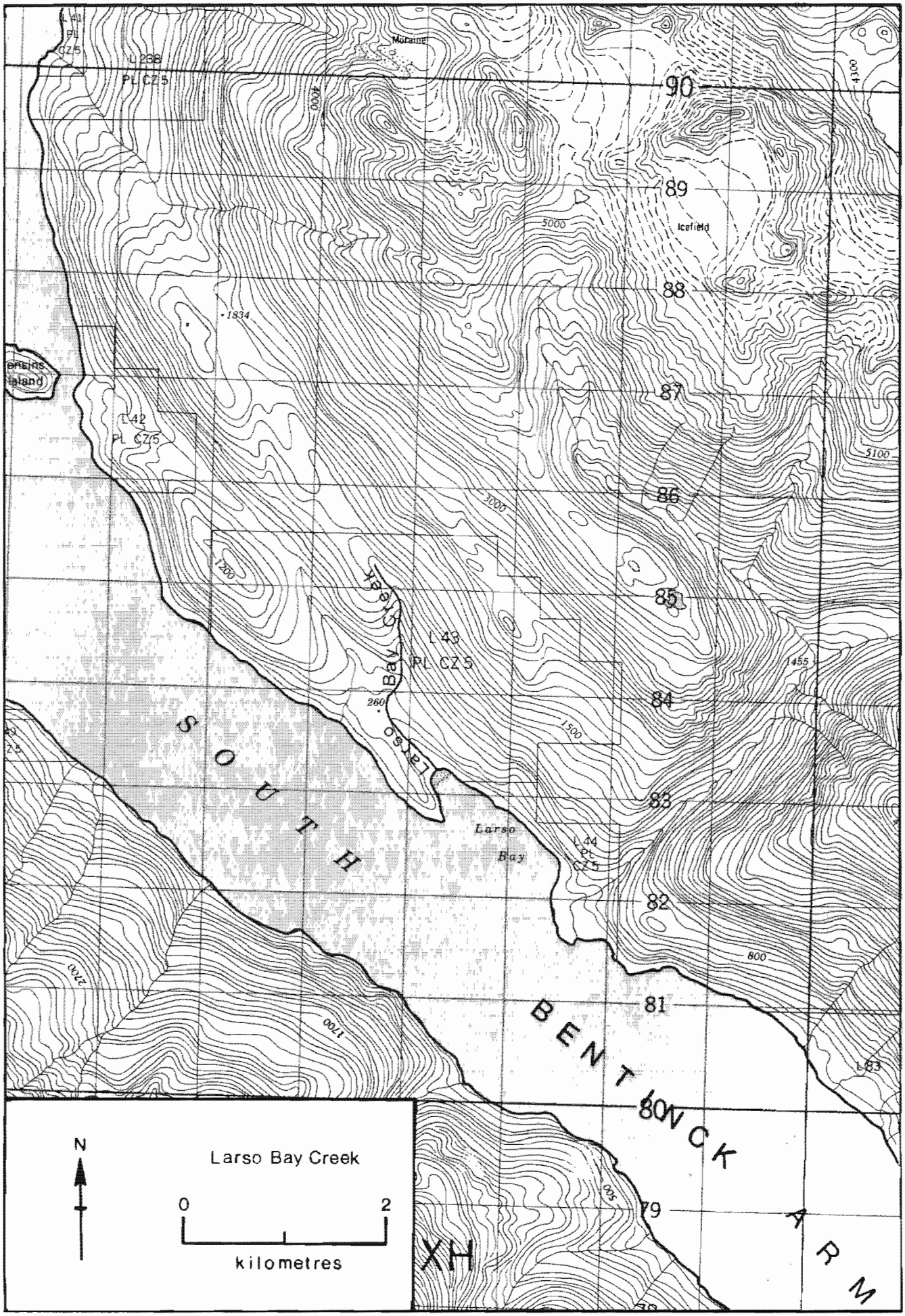
ESCAPEMENT RECORD FOR KWATNA RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947			1500	7500	3500	
48			3500	1500	3500	
49			3500	7500	75000	
50			3500	7500	15000	
51			7500	35000	75000	
52			3500	35000	35000	
53			3500	35000	75000	
54			7500	15000	35000	
55			7500	7500	35000	
56			7500	15000	35000	
57			7500	15000	75000	
58			7500	15000	3500	
59			UNK	7500	15000	
60		UNK	3500	3500	3500	
61		N/O	7500	1500	75000	
62			7500	1500	75000	
63			15000	7500	75000	
64	200		15000	15000	35000	
65		750	7500	1500	35000	
66	UNK	750	7500	3500	35000	
67	UNK	750	1500	1500	7500	
68	UNK	1500	15000	35000	125000	
69	N/O	400	3500	7500	3500	
70		750	15000	35000	85000	
71		750	7500	7500	75000	
72	UNK	750	11000	20000	75000	
73	UNK	750	15000	25000	65000	
74	UNK	400	7500	17500	125000	
75	UNK	400	7500	3500	45000	
76	50	150	15000	4500	80000	
77	UNK	300	4000	8000	40000	
78	N/O	100	4000	2500	40000	
79	N/O	100	3500	3500	80000	
80		100	1500	7500	35000	
81						
82						
83						
84						
85						

TIMING

ARRIVE		JULY	AUG	E. AUG	AUG	
START		AUG	SEPT	AUG	AUG	
PEAK		AUG	OCT	AUG	E. SEPT	
END		SEPT	DEC	L. SEPT	OCT	

REMARKS


Larso Bay Creek
0
2
kilometres
N
SOUTH
BENTINCK
ARM
Larso Bay
Larso Bay Creek
Icefield
Moraine
L41
PL
CZ5
L238
PL CZ5
L42
PL CZ5
L43
PL CZ5
L44
PL
CZ5
L83
90
89
88
87
86
85
84
83
82
81
80
79
5000
4000
4300
5100
3000
1200
1500
1455
800
1700
2700
1834
260
XH

NAME OF STREAM _____ (Larso Bay or Camp Creek)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SE. into Larso Bay, E. side of South Bentinck Arm, Rge. 3, Coast Dist. POSITION 52 126 SW.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT

Impassable steep gradient and large boulders at 412 m.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	
CHUM	- beach and intertidal zone
PINK (ODD YEAR)	- beach and intertidal zone
PINK (EVEN YEAR)	- beach and intertidal zone
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS

- A small stream with limited spawning area.
- 1973-76. Logging camp and booming ground located at Larso Bay.
- 1977. Logging not in operation this year.
- 1978. Allison Logging Co. completed their operation.
- 1979. Crown Zellerbach is harvesting in this watershed this year. Stream is becoming overgrown.

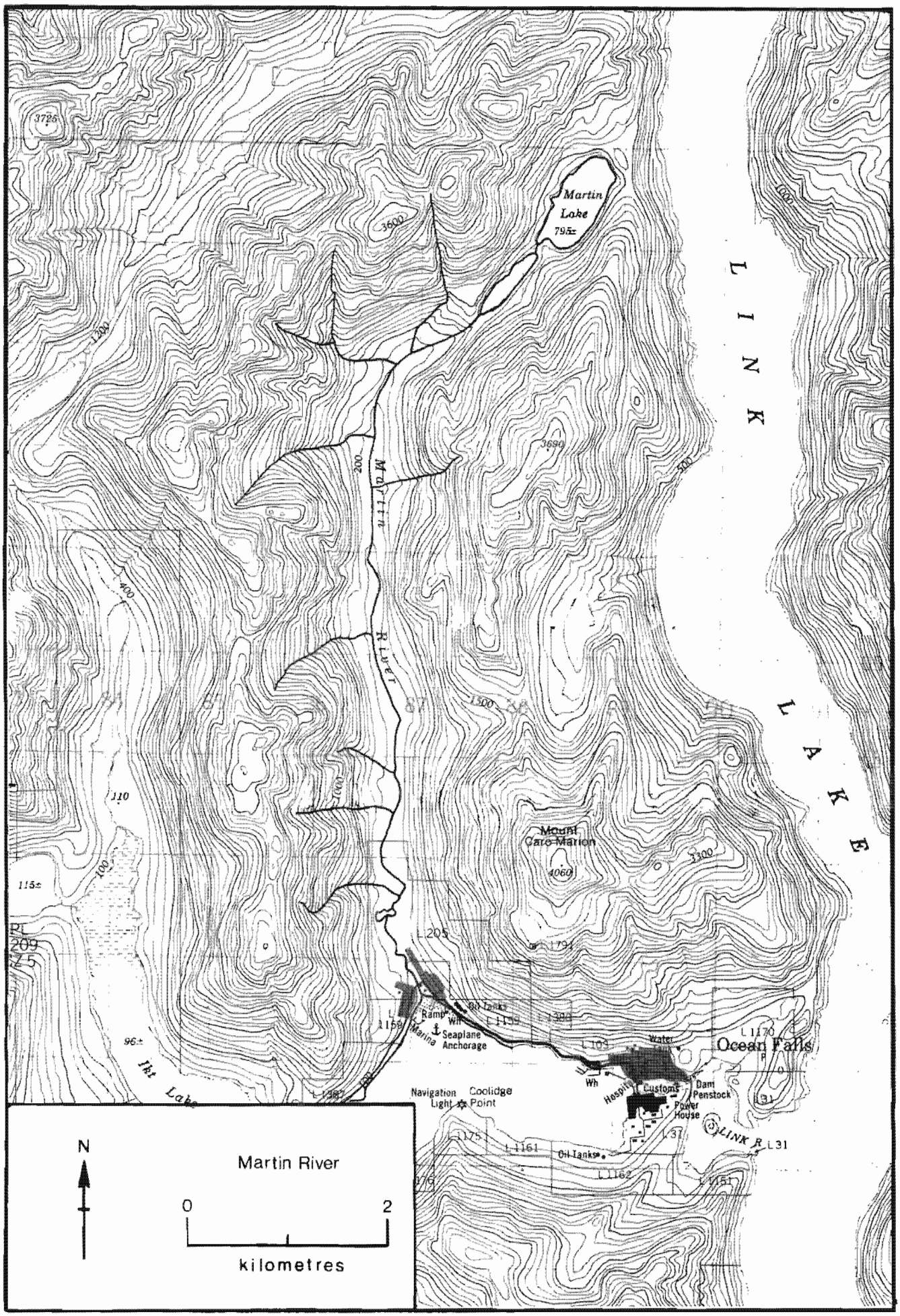
ESCAPEMENT RECORD FOR _____ (Larso Bay or Camp Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				NO RECORD		
48				NO RECORD		
49				750	750	
50				200	400	
51				1500	200	
52				750	200	
53				750	200	
54				400	750	
55				75	25	
56				75	75	
57				75	75	
58				75	75	
59				75	75	
60				75	200	
61				200	750	
62				400	200	
63				400	25	
64				750	750	
65				400		
66				300		
67				400		
68				750		
69				400		
70				400		
71				400		
72				750	N/O	
73				750		
74				100	600	
75				400		
76				250	1250	
77				40	N/O	
78				10	25	
79				10	25	
80				25	25	
81						
82						
83						
84						
85						

TIMING

ARRIVE				E. SEPT	AUG	
START				E. SEPT	AUG	
PEAK				M. SEPT	SEPT	
END				L. SEPT	OCT	

REMARKS _____


Martin Lake
795±
3726
3600
1200
3690
Martin
R. Lyer
200
400
1500
1000
110
115±
100
96±
Mount Caro-Marion
4060
3300
L205
Ramp
Wh
Oil Tanks
Marina
Seaplane Anchorage
Water
Ocean Falls
Wh
Hospital
Customs
Dam
Penstock
Power House
Navigation Light
Coolidge Point
Oil Tanks
LINK R.
L31
LINK LAKE
N
Martin River
0
2
kilometres

NAME OF STREAM MARTIN RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows S. into Cousins Inlet, NW. of Ocean Falls P.O., Rge. 3, Coast Dist. POSITION 52 127 SW.

LENGTH 10.0 km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- throughout
CHUM	- to 5.0 km
PINK (ODD YEAR)	- to 5.0 km
PINK (EVEN YEAR)	- to 5.0 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS

- This river is located at the townsite of Ocean Falls.
- This stream receives sport fishing pressure.
- 1952. A community of 25 houses was draining water from this river for domestic use.
- 1965. This stream was almost dry during pink and chum migration.
- 1977. Jigging throughout the years has resulted in a ban on treble hooks during spawning season.

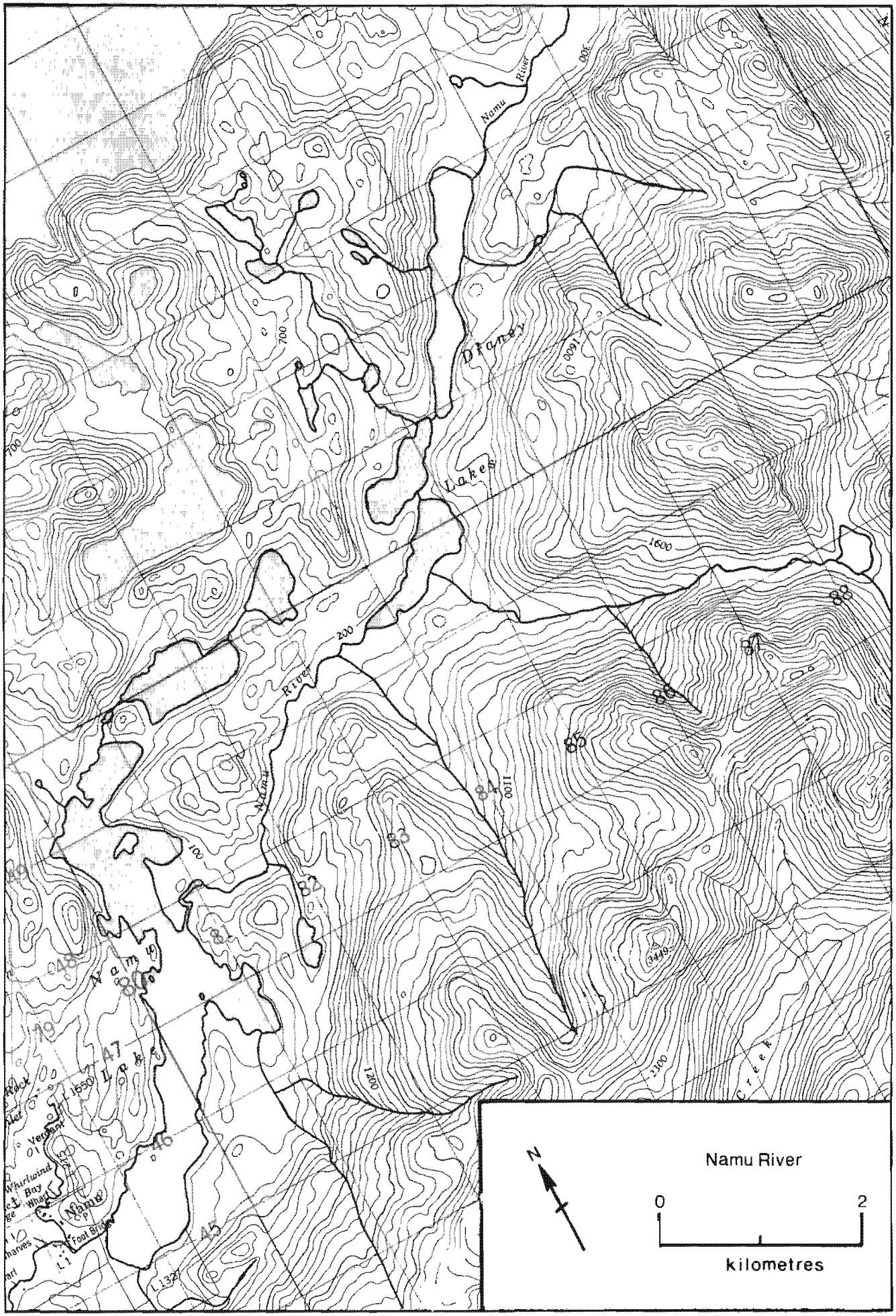
ESCAPEMENT RECORD FOR MARTIN RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947			750	1500	750	
48			750	400	400	
49			1500	750	750	
50			1500	400	750	
51			750	750	200	
52			750	200	200	
53			750	75	200	
54			3500	200	200	
55			3500	25	75	
56			1500	200	200	
57			750	75	200	
58			400	25	200	
59			3500	25	200	
60			750	75	75	
61			3500	75	1500	
62			1500	75	200	
63			200	75	200	
64			750	750	400	
65			UNK	N/O	N/O	
66			200	400	N/O	
67			N/O	1500	200	
68			750	3500	750	
69			750	750	N/O	
70			UNK	3500	400	
71			3500	7500	3500	
72			2500	1500	750	
73			1000	3500	400	
74			2000	11000	500	
75			750	1500	75	
76			4200	1200	100	
77			2500	2000	1000	
78			750	10000	150	
79			3800	800	650	
80			1000	3200	200	
81						
82						
83						
84						
85						

TIMING

ARRIVE			SEPT	E. SEPT	AUG	
START			SEPT	M. SEPT	M. AUG	
PEAK			L. OCT	L. SEPT	M. SEPT	
END			DEC	NOV	SEPT	

REMARKS


Namu River
Drainey
Lakes
Namu
Namu Lake
Whirlwind Bay
Wharf
Foot Bridge
Creek
N
0
2
kilometres

NAME OF STREAM NAMU RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SW. into Namu Hr., Rge. 2, Coast Dist.

POSITION 51 127 NW.

LENGTH 13.0 km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 12.0 (77/07/06)

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- between Namu and Draney Lakes
CHINOOK	
COHO	- between Namu and Draney Lakes
CHUM	- between Namu and Draney Lakes
PINK (ODD YEAR)	- between Namu and Draney Lakes
PINK (EVEN YEAR)	- between Namu and Draney Lakes
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS

- Indian food fishery throughout.
- Poaching by local non-Indian residents is a constant problem.
- 1965. Water levels were extremely low during pink and chum migration.
- 1967. This river is commercially fished.
- 1980. Due to high fluctuative water levels this stream was only inspected once.

ESCAPEMENT RECORD FOR NAMU RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	1500		750	1000	1000	
48	3500		1500	25	400	
49	3500		1500	400	750	
50	3500		1500	400	400	
51	3500		3500	400	400	
52	1500		1500	75	200	
53	1500		750	200	200	
54	3500		750	75	200	
55	750		750	25	25	
56	3500		1500	200	200	
57	750		750	200	200	
58	1500		750	200	75	
59	7500		1500	75	750	
60	3500		750	75	200	
61	3500		1500	200	1500	
62	1500		1500	75	1500	
63	1500		1500	75	200	
64	750		750	N/O	N/O	
65	1500		1500	N/O	N/O	
66	1500		3500	750	1500	
67	1500		UNK	400	200	
68	750		1500	1500	3500	
69	1500		750	200	N/O	
70			NOT	INSPECTED		
71	7500		3500	400		
72	*		400	400	750	
73	N/O		750	400	750	
74	N/O		N/O	500	1000	
75	*		N/O	400	750	
76	600		400	50	750	
77	*		400	300	500	
78	350		N/O	N/O	200	
79	3500		400	50	200	
80	N/O		N/O	N/O	N/O	
81						
82						
83						
84						
85						

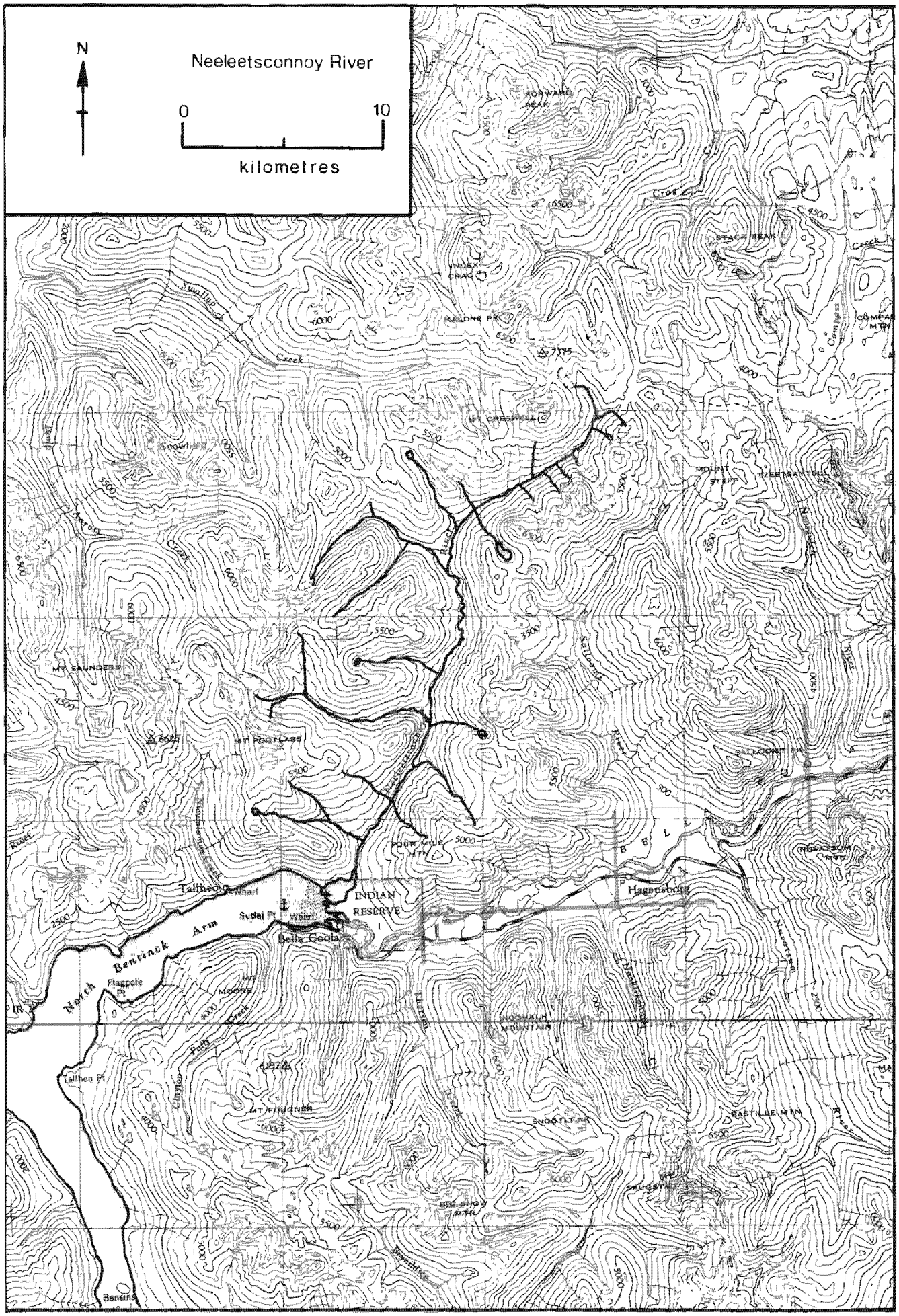
TIMING

ARRIVE	JUNE		SEPT	AUG	AUG	
START	E. SEPT		OCT	E. SEPT	E. SEPT	
PEAK	M. SEPT		L. OCT	SEPT	SEPT	
END	NOV		DEC	SEPT	SEPT	

REMARKS

* Lake was not inspected.

- 1972. Sockeye spawning area was not inspected due to adverse weather conditions.


N
Neeleetsconnoy River
0
10
kilometres
FORWARD PEAK
INDEX CRAG
RAILONE PK
7375
MT CRESWELL
MOUNT STEPP
MT SAUNDERS
MT FOOTLASS
6625
FOUR MILE MTN
Talheo Pt
Wharf
INDIAN RESERVE
Sutlej Pt
Bella Coola
Hagensborg
North Bentinck Arm
Flagpole Pt
MOORE
MT FRUGNER
SNOOTLI MTN
EASTLIE MTN
SAUGSTAD
BIG SNOW MTN
Bensins

NAME OF STREAM NEELEETSCONNOY RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows S. into North Bentinck Arm, Rge. 3, Coast Dist.

POSITION 52 126 SW.

LENGTH 2.5 km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT

Impassable falls at 2.5 km.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- to 2.5 km
CHUM	- side channels
PINK (ODD YEAR)	- side channels
PINK (EVEN YEAR)	- side channels
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

Good spawning gravel above falls.

GENERAL REMARKS

- 1952. Logging commenced this year.
- 1965. Extensive scouring and silting during October floods.
- 1966. Heavy spawn loss during October floods.
- 1968. The flood in January washed down most of the good gravel from above the falls. Runs to this stream are subject to heavy fishing pressure when North Bentinck Arm is open.
- 1979. Old side channels dried up but new ones are created continuously. Good waterflow in # 4 channel. Coho fry sparse.

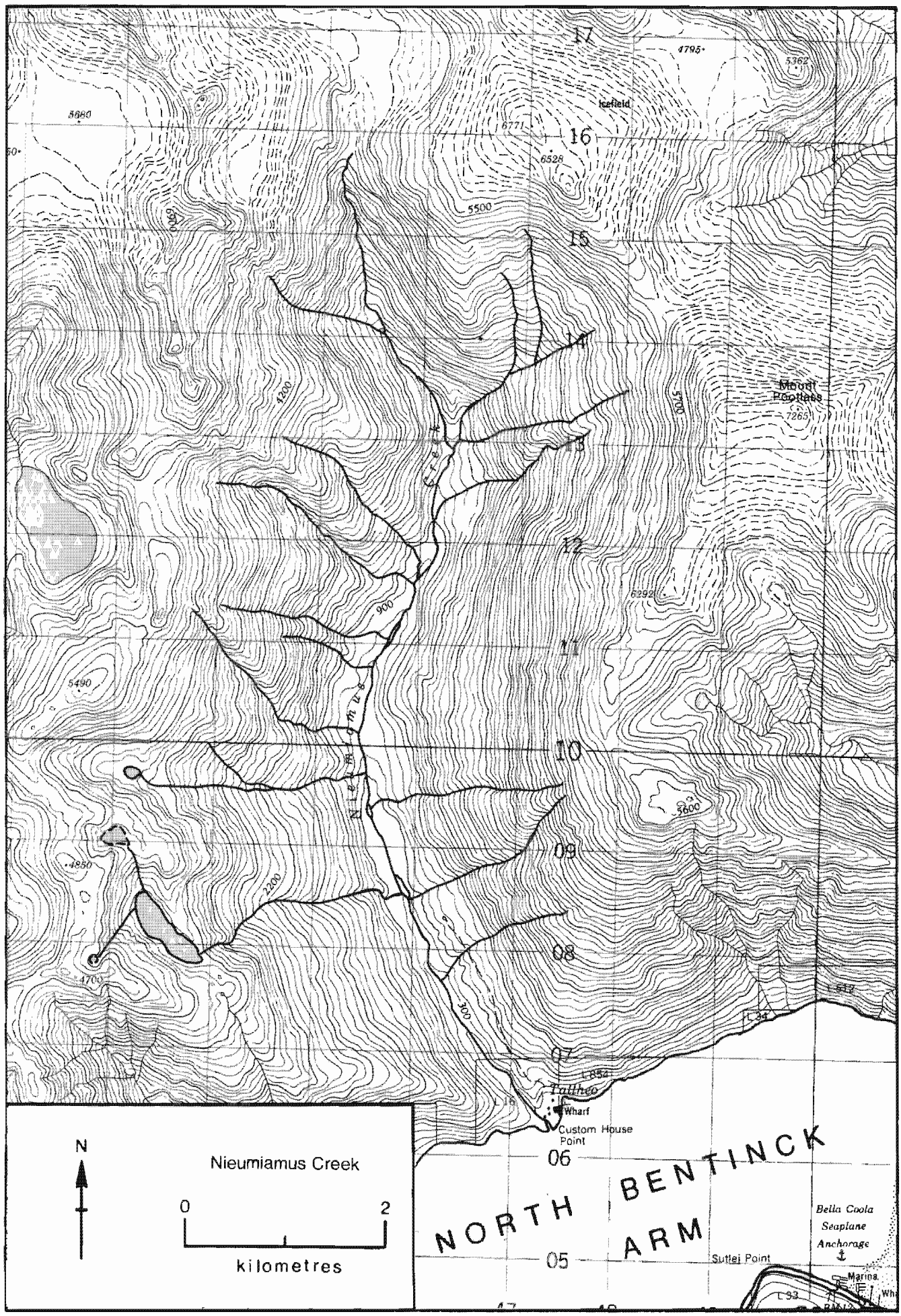
ESCAPEMENT RECORD FOR NEELEETSCONNOY RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947	25		750	3500	3500	
48			750	750	1500	
49			750	1500	7500	
50			200	1500	3500	
51			400	1500	3500	
52			200	3500	UNK	
53			750	7500	3500	
54			3500	750	750	
55			400	400	750	
56			1500	3500	7500	
57			1500	7500	7500	
58			1500	7500	3500	
59			UNK	1500	7500	
60			UNK	750	7500	
61			3500	400	7500	
62			750	7500	35000	
63			N/O	400	1500	
64			N/O	7500	15000	
65			UNK	200	1500	
66			1500	1500	7500	
67			UNK	3500	200	UNK
68			1500	15000	15000	
69			UNK	200	75	
70			3500	7500	7500	
71			400	750	750	
72			N/O	1500	3500	
73			N/O	6000	N/O	
74			200	500	25000	
75			400	750	750	
76			400	1500	20000	
77			200	400	800	
78			100	450	15000	
79			200	3000	3000	
80			100	6000	5000	
81						
82						
83						
84						
85						

TIMING

ARRIVE			SEPT	AUG	AUG	
START			OCT	M. AUG	AUG	
PEAK			NOV	L. AUG	L. AUG	
END			DEC	SEPT	SEPT	

REMARKS


Nieumiamus Creek
N
0
2
kilometres
NORTH BENTINCK ARM
Icefield
Mount Footlass
Talltheo
Wharf
Custom House Point
Sutlej Point
Bella Coola Seaplane Anchorage
Marina
17
16
15
14
13
12
11
10
09
08
07
06
05
4795
5362
5680
6771
6528
5500
6900
4200
5700
7265
6292
900
5490
5600
4850
2200
4700
300
L 34
L 854
L 33

NAME OF STREAM NIEUMIAMUS CREEK (Tallheo Cannery Creek)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SE. into North Bentinck Arm, NW. of Bella Coola, Rge. 3, Coast Dist. POSITION 52 126 SW.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT
Passable canyon and falls at 183 m.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	
CHUM	- intertidal
PINK (ODD YEAR)	- intertidal
PINK (EVEN YEAR)	- intertidal
STEELHEAD	

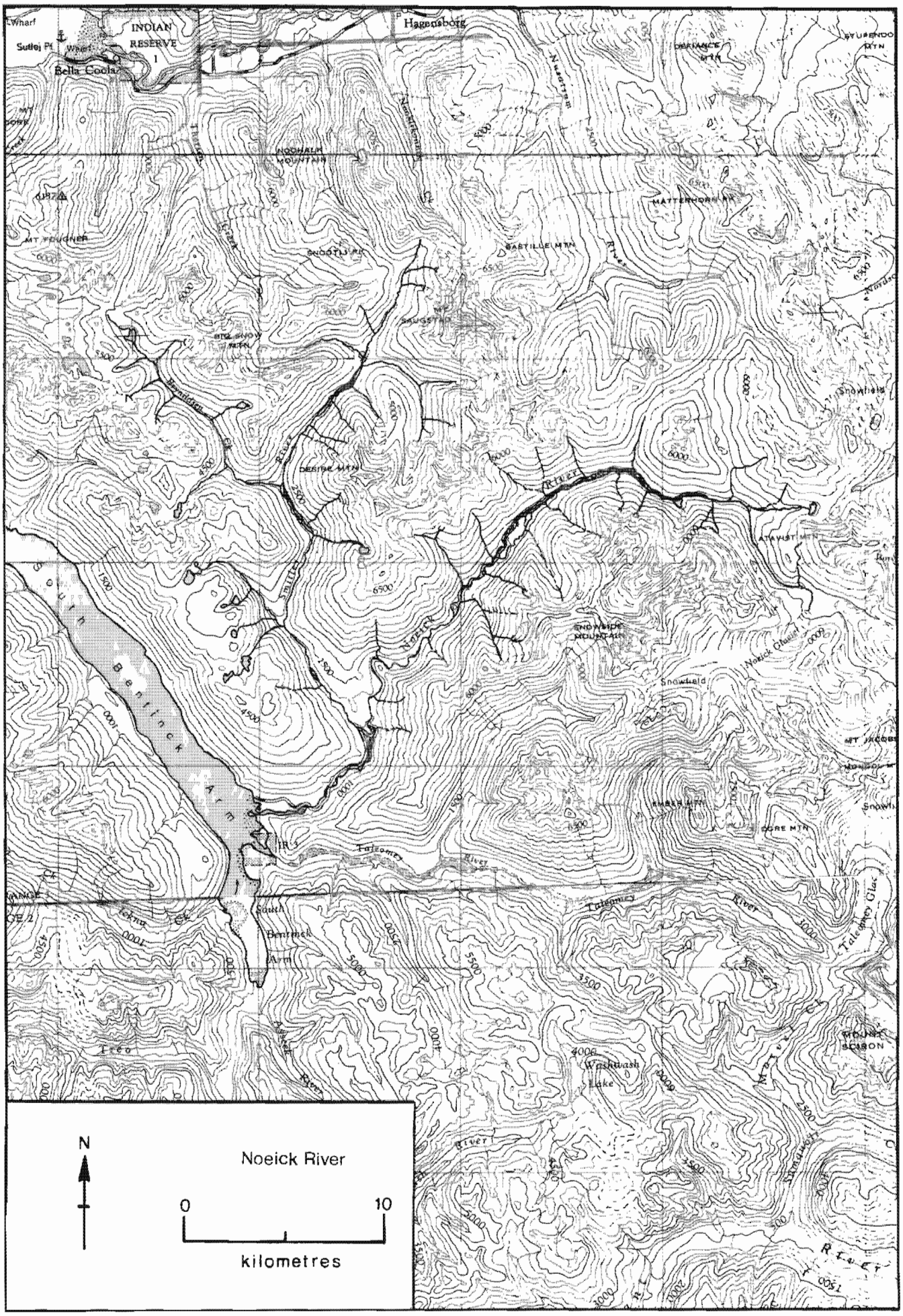
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS
- 1977. Inspected for the first time.
- 1978. Nature of creek above the canyon is unknown.

ESCAPEMENT RECORD FOR NIEUMIAMUS CREEK (Tallheo Cannery Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77				250	250	
78				250	750	
79				500	1200	
80				700	2000	
81						
82						
83						
84						
85						
TIMING						
ARRIVE				E. AUG	AUG	
START				E. AUG	L. AUG	
PEAK				M. AUG	E. SEPT	
END				L. SEPT	OCT	

REMARKS


INDIAN RESERVE
Bella Coola
Hagensborg
Sutlej Pt.
Wharf
MOOHALM MOUNTAIN
MT FOUGNER
SNOOTLI MTN
BASTILLE MTN
MATTERHORN MTN
BIG SNOW MTN
DESIRE MTN
ATAVIST MTN
Snowfield
Noeick Glacier
MT JACOBS
ROGER MTN
OGRE MTN
South Bentinck Arm
Talcomey River
Talcomey Glac
Washwash Lake
MOUNT SCIBON
Noeick River
0
10
kilometres
N

NAME OF STREAM NOEICK RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows W. into South Bentinck Arm, S. of Hagensborg, Rge. 3, Coast Dist. POSITION 52 126 SW.

LENGTH 9.5 km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 876360 m^2 SPAWNING AREA 147935 m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 7.0 (77/07/23)

BARRIERS OR POINTS OF DIFFICULT ASCENT
Impassable canyon and falls at 9.5 km.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	- to 9.5 km
COHO	- to 9.5 km
CHUM	- to 6.5 km
PINK (ODD YEAR)	- to 6.5 km
PINK (EVEN YEAR)	- to 6.5 km
STEELHEAD	

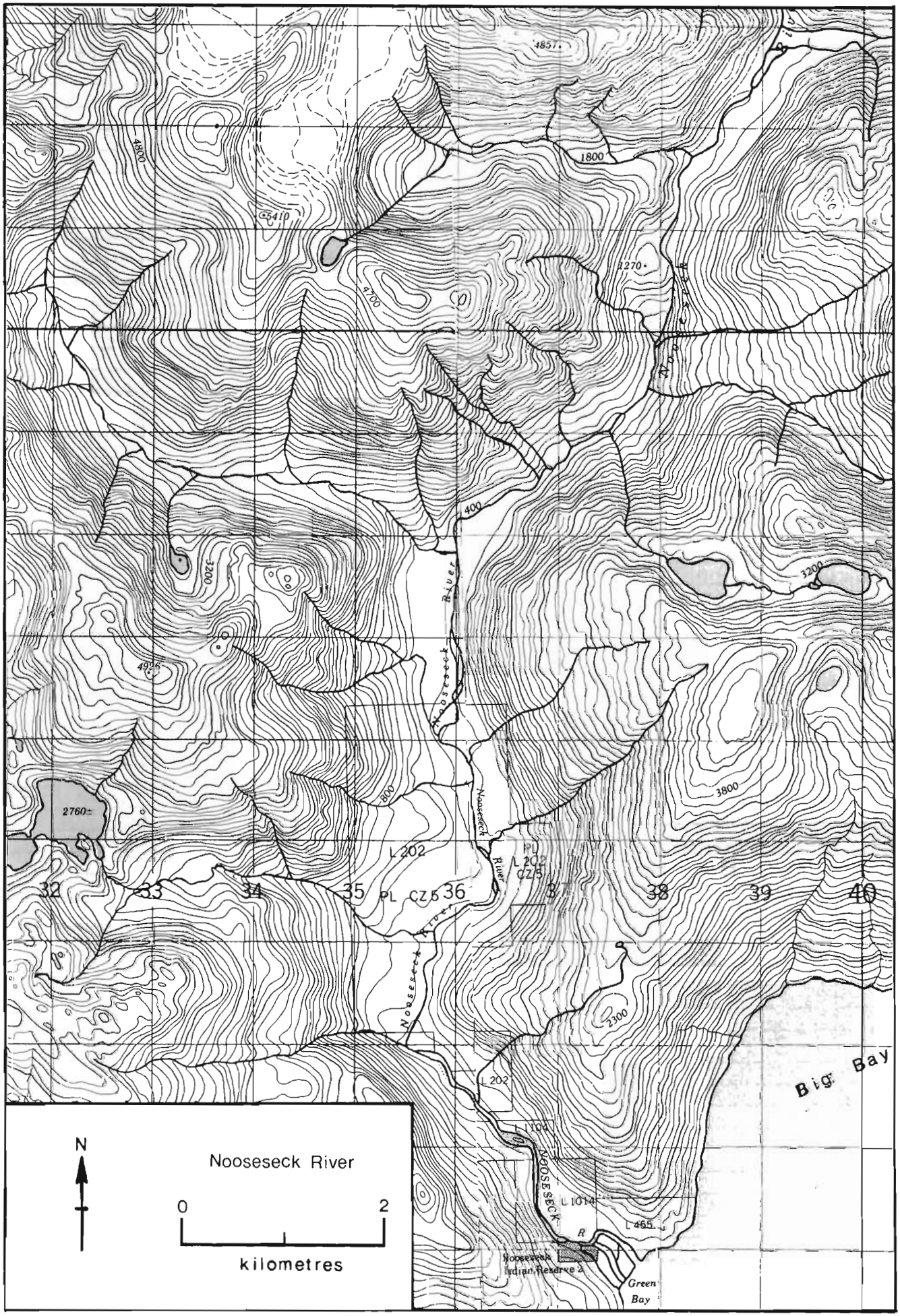
POTENTIAL OF INACCESSIBLE PORTION OF STREAM
Ideal gravel composition for spawning to 33.5 km.

GENERAL REMARKS - Glacial silt is a constant problem in this river.
- 1963. Observation difficult due to muddy water.
- 1964. Extensive flood damage in 1962 obliterated good seeding of pink.
- 1967. Watershed has been extensively logged.
- 1970. River is subject to very severe flash floods in the past 15 years. Most of the spawning gravel have been washed out of the riverbed.
- 1972-74. Enumeration difficult due to glacial coloring. Estimates were based mainly on carcass counts.
- 1976-79. Sports fishery on springs and coho by loggers living in the camp near the river.
- 1980. Not adequately inspected as there was no jet boat available. Water colour presented poor visibility.

ESCAPEMENT RECORD FOR NOEICK RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947			1500	7500	3500	
48			750	1500	1500	
49			1500	3500	3500	
50			750	7500	3500	
51			1500	15000	7500	
52			750	7500	3500	
53			750	3500	750	
54		750	400	750	400	
55			400	200	400	
56			750	750	750	
57			750	750	750	
58			750	3500	400	
59			UNK	750	400	
60			N/O	1500	750	
61				750	7500	
62				1500	7500	
63			N/O	750	750	
64			N/O	25	25	
65			NOT	INSPECTED		
66			N/O	N/O	N/O	
67			N/O	N/O	N/O	
68			UNK	400	750	
69			N/O	UNK	N/O	
70				750	400	
71			NOT	INSPECTED		
72			750	1500	1500	
73			1500	3500	N/O	
74			400	1000	10000	
75			750	750	75	
76		250	1500	1500	3000	
77		100	200	N/O	N/O	
78		UNK	250	75	75	
79		100	1500	2000	2000	
80			UNK	UNK	UNK	
81						
82						
83						
84						
85						
TIMING						
ARRIVE			SEPT	AUG	AUG	
START			OCT	AUG	AUG	
PEAK			NOV	SEPT	SEPT	
END			DEC	SEPT	SEPT	

REMARKS


N
Nooseseck River
0
2
kilometres
Big Bay
Green Bay
Nooseseck Indian Reserve 2
NOOSESECK R
Nooseseck River
L 202
L 104
L 1014
L 465
PL CZ5
32
33
34
35
36
37
38
39
40
1857
1800
1270
4800
4700
3200
4906
2760±
400
800
3800
2300

NAME OF STREAM NOOSESECK RIVER (Green Bay River)

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SE. into Green Bay, North Bentinck Arm, Rge. 3, Coast Dist. POSITION 52 126 SW.

LENGTH 2.5 km WIDTH _____ m DRAINAGE _____ km^2

COMPOSITION: BEDROCK _____ BOULDER _____ COARSE _____ FINE _____

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA _____ m^2 SPAWNING AREA _____ m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- to 2.5 km
CHUM	- to 1.5 km
PINK (ODD YEAR)	- to 1.5 km
PINK (EVEN YEAR)	- to 1.5 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS - Heavy gill net fishery near the mouth.
- Beyond 2.5 km this stream is fast and bouldery.
- 1965. Streambed extensively damaged by October flood.
- 1967-69. Subject to flash floods.
- 1972. The river has stabilized in its new channel at the mouth.
- 1978. Watershed was logged by steam and rail in 1923-28.

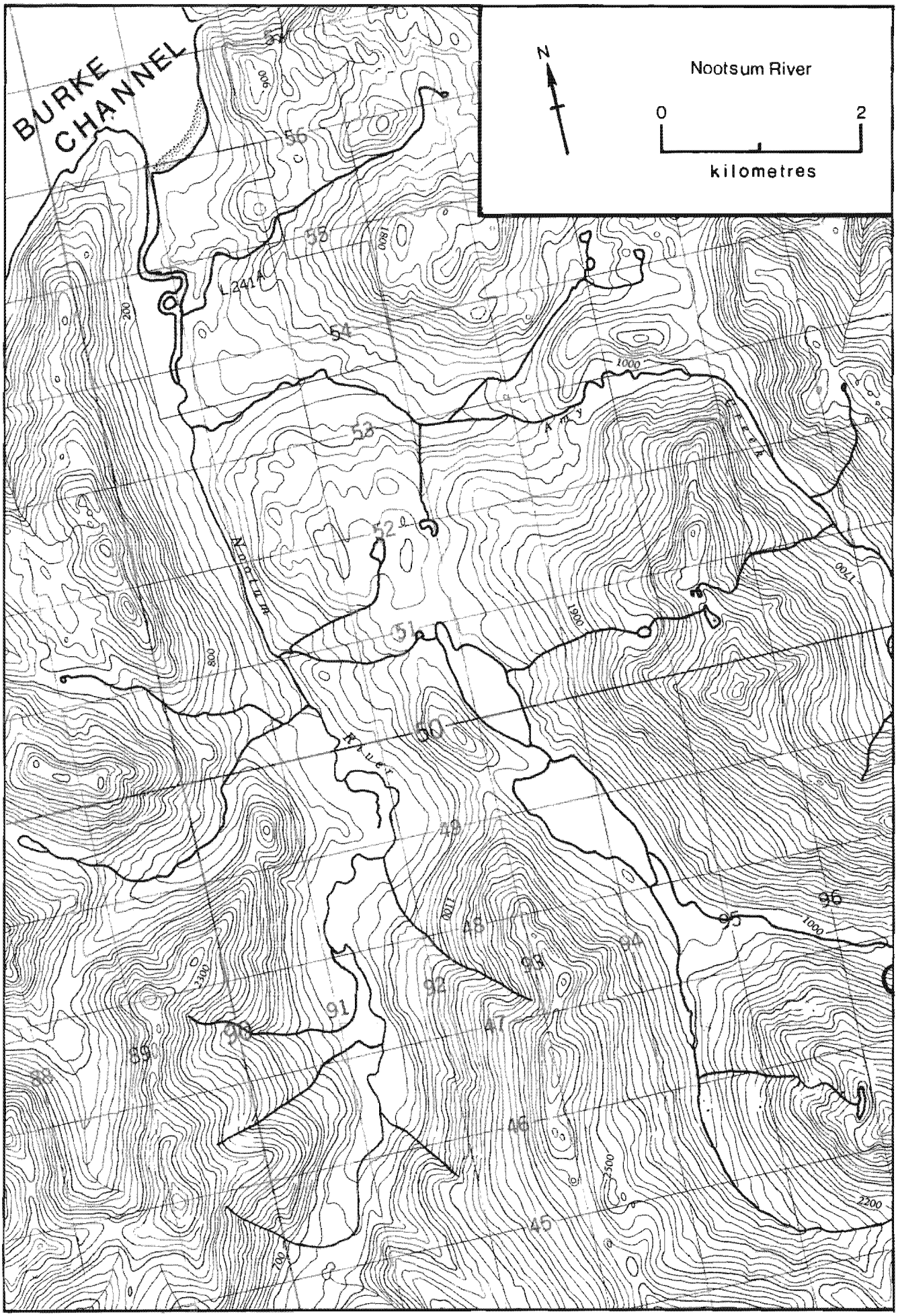
ESCAPEMENT RECORD FOR NOOSESECK RIVER (Green Bay River)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947			750	750	1500	
48			750	400	1500	
49			750	1500	3500	
50			750	3500	3500	
51			3500	1500	3500	
52			200	7500	3500	
53			400	3500	1500	
54			400	1500	3500	
55			200	750	3500	
56			UNK	1500	3500	
57			200	1500	3500	
58			400	7500	3500	
59			3500	1500	7500	
60			N/O	1500	3500	
61			N/O	750	15000	
62			N/O	3500	35000	
63			N/O	7500	7500	
64			N/O	400	400	
65				400	3500	
66				200	3500	
67			UNK	1500	400	
68			3500	3500	15000	
69			N/O	750	400	
70			N/O	750	1500	
71			N/O	400	N/O	
72			N/O	750	3000	
73			400	3500	N/O	
74			400	500	10000	
75			200	750	750	
76			400	350	6500	
77			UNK	250	2000	
78			UNK	100	1500	
79			N/O	350	8000	
80			N/O	100	1000	
81						
82						
83						
84						
85						

TIMING

ARRIVE			OCT	M. AUG	M. AUG	
START			OCT	L. AUG	E. SEPT	
PEAK			NOV	M. SEPT	M. SEPT	
END			DEC	L. SEPT	L. SEPT	

REMARKS


BURKE CHANNEL
Nootsum River
0
2
kilometres
N
L241A
Nootum
Raft
Arry
Creek
57
56
55
54
53
52
51
50
49
48
47
46
45
96
95
94
93
92
91
90
89
88
1000
1900
1700
800
2300
2200
200
100

NAME OF STREAM NOOTSUM RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows N. into Burke Chan., Rge.2, Coast Dist.

POSITION 51 127 NW.

LENGTH 4.0 km WIDTH 25.0 m DRAINAGE ____ km^2

COMPOSITION: BEDROCK ____ BOULDER 43% COARSE 33% FINE 20%

SILT & SAND 4% UNCLASSIFIED ____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	throughout
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 157780 m^2 SPAWNING AREA 90540 m^2

DISCHARGE (m^3/s) ____

TEMPERATURE (°C) 14.0(77/07/12)

BARRIERS OR POINTS OF DIFFICULT ASCENT ____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- throughout
CHUM	- intertidal to 2.5 km
PINK (ODD YEAR)	- intertidal to 2.5 km
PINK (EVEN YEAR)	- intertidal to 2.5 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM ____

GENERAL REMARKS

- 1967. Drains a small lake and swampy ground.
- 1971. Limited spawning gravel.
- 1972. Appears to be a good coho rearing area.
- 1977. Some evidence of poaching. Coho sports fishery during fall months.
- 1978. Light sports fishery of coho.
- 1979. Seals present near the river mouth.

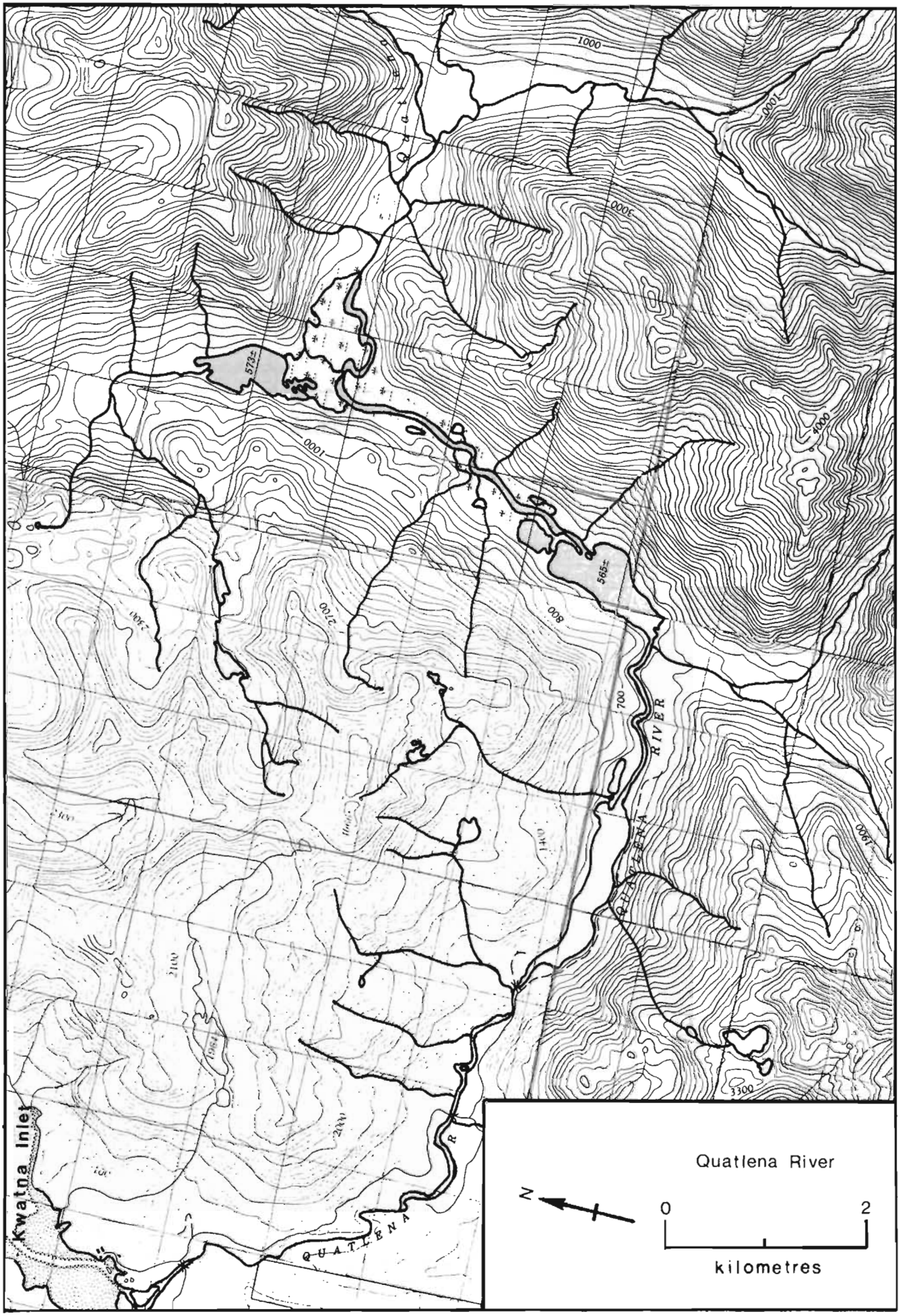
ESCAPEMENT RECORD FOR NOOTSUM RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947			3500		3500	
48			750		750	
49			3500	750	3500	
50			400	1500	3500	
51			3500	35000	3500	
52			750	3500	3500	
53			750	3500	1500	
54			750	15000	35000	
55			750	3500	750	
56			1500	3500	35000	
57			750	750	400	
58			750	1500	400	
59			UNK	400	200	
60			UNK	750	400	
61			1500	400	1500	
62			N/O	7500	35000	
63			N/O	400	400	
64			N/O	3500	3500	
65			1500	UNK	750	
66			1500	3500	7500	
67			N/O	750	200	
68			1500	7500	7500	
69				UNK	UNK	
70			1500	7500	7500	
71			UNK	750	400	
72			N/O	N/O	400	
73			NOT	INSPECTED		
74			N/O	N/O	300	
75			NOT	INSPECTED		
76			400	50	2500	
77			500	100	500	
78			UNK	100	500	
79			N/O	N/O	N/O	
80			100	800	6000	
81						
82						
83						
84						
85						

TIMING

ARRIVE				AUG	AUG	
START				M. AUG	SEPT	
PEAK				L. AUG	SEPT	
END				OCT	OCT	

REMARKS


Quatlena River
N
0
2
kilometres
QUATLENA RIVER
Kwatna Inlet
573±
565±
1000
3000
4000
2100
2300
800
700
1900
3300

NAME OF STREAM QUATLENA RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows N. into head of Kwatna Inlet, E. of Restoration Bay, Rge. 3, Coast Dist. POSITION 52 127 SW.

LENGTH _____ km WIDTH 30.0* m DRAINAGE _____ km^2

*COMPOSITION: BEDROCK _____ BOULDER 40% COARSE 36% FINE 24%

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	0.0 - 1.5 km
0.25 - 0.50	1.5 - 2.0 km
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 73375* m^2 SPAWNING AREA 45555* m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 12.0 (77/07/13)

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- lower 0.5 km
CHUM	- lower 0.5 km
PINK (ODD YEAR)	- lower 0.5 km
PINK (EVEN YEAR)	- lower 0.5 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS * To 2.0 km only.
- Limited spawning area.
- 1963. Logging operations commenced this year.
- 1964. Good spawning gravel above rapid water and falls at 0.8 km.
- 1966-69. Extremely low and warm water during dry season.

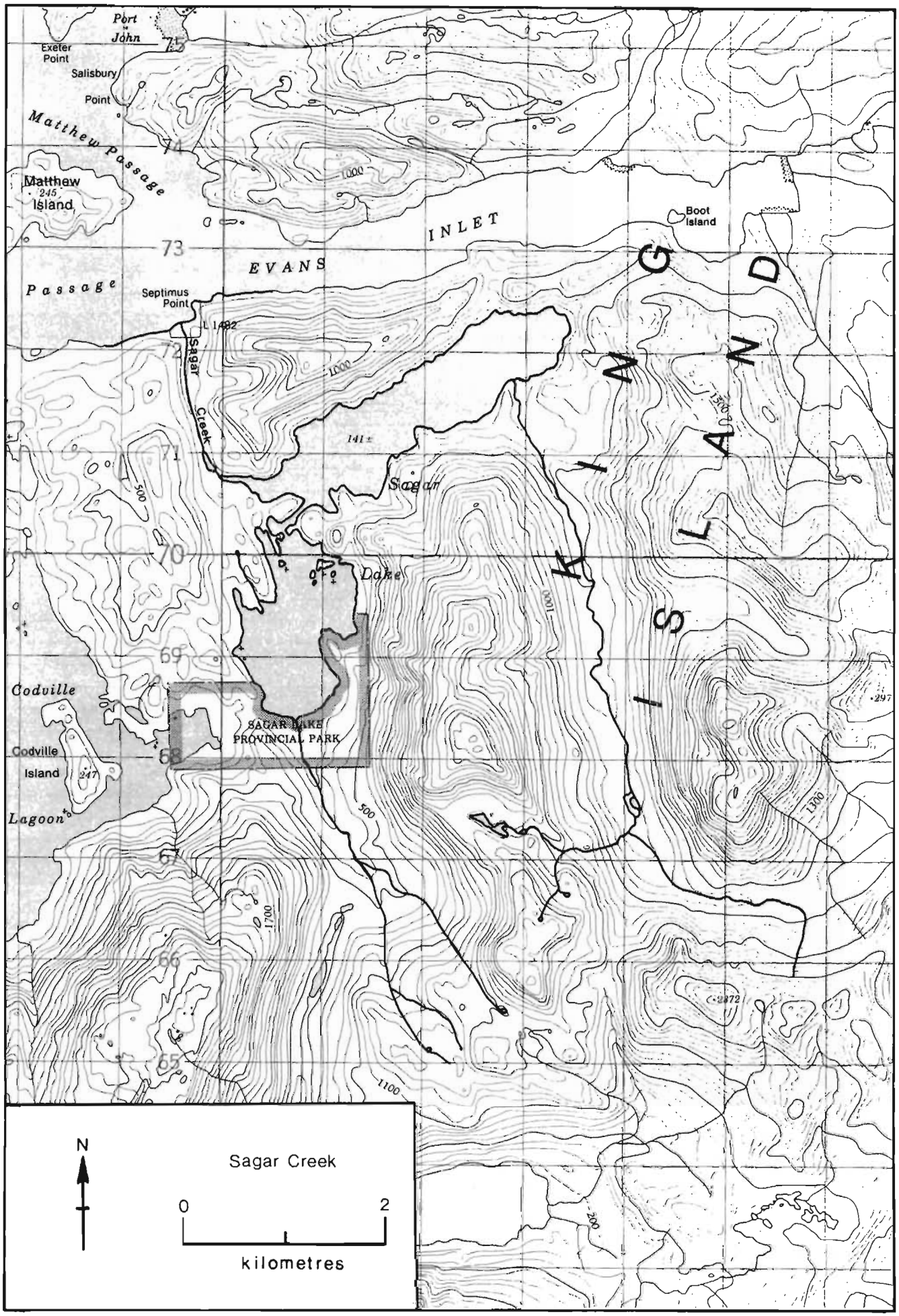
ESCAPEMENT RECORD FOR QUATLENA RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947			1500	7500	1500	
48			400	750	750	
49				3500	3500	
50				3500	400	
51				7500	200	
52				3500	400	
53				3500	750	
54				1500	400	
55				75	75	
56				1500	750	
57				1500	400	
58				1500	200	
59				1500	400	
60				750	400	
61				3500	3500	
62				7500	7500	
63				3500	1500	
64			200	3500	400	
65			UNK	UNK	UNK	
66				N/O	N/O	
67				UNK	UNK	
68				750	750	
69			N/O	1500	N/O	
70			N/O	3500	N/O	
71				3500	UNK	
72			N/O	3000	N/O	
73			NOT	INSPECTED		
74			500			
75			UNK	400	200	
76			100	350	1500	
77			N/O	200	100	
78			N/O	N/O	N/O	
79			N/O	N/O	N/O	
80				100	500	
81						
82						
83						
84						
85						

TIMING

ARRIVE				AUG	AUG	
START				AUG	AUG	
PEAK				AUG	AUG	
END				SEPT	SEPT	

REMARKS


Port John
Exeter Point
Salisbury Point
Matthew Passage
Matthew Island
245
EVANS INLET
Boot Island
Passage
Septimus Point
L 1482
Sagar Creek
141±
Sagar Lake
KINGSLAND
Codville Lagoon
Codville Island
247
SAGAR LAKE PROVINCIAL PARK
297
1300
1700
1100
500
1000
200
N
Sagar Creek
0
2
kilometres

NAME OF STREAM SAGAR CREEK

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows NW. into Evans Inlet, NE. of Lagoon Bay, Rge. 3, Coast Dist. POSITION 52 127 SW.

LENGTH 1.0 km WIDTH 12.0 m DRAINAGE _____ km^2

COMPOSITION: BEDROCK 23% BOULDER 26% COARSE 31% FINE 20%

SILT & SAND _____ UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	throughout
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 20540 m^2 SPAWNING AREA 10270 m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 14.0 (77/06/16)

BARRIERS OR POINTS OF DIFFICULT ASCENT
Impassable falls at 0.5 and 1.0 km.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- intertidal zone to 0.5 km
CHUM	- intertidal zone to 0.5 km
PINK (ODD YEAR)	- intertidal zone to 0.5 km
PINK (EVEN YEAR)	- intertidal zone to 0.5 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM
Poor spawning gravel.

GENERAL REMARKS
- Limited spawning area.
- 1947-48. Enumeration difficult due to high water conditions.
- 1968. Extremely low water levels during dry years.

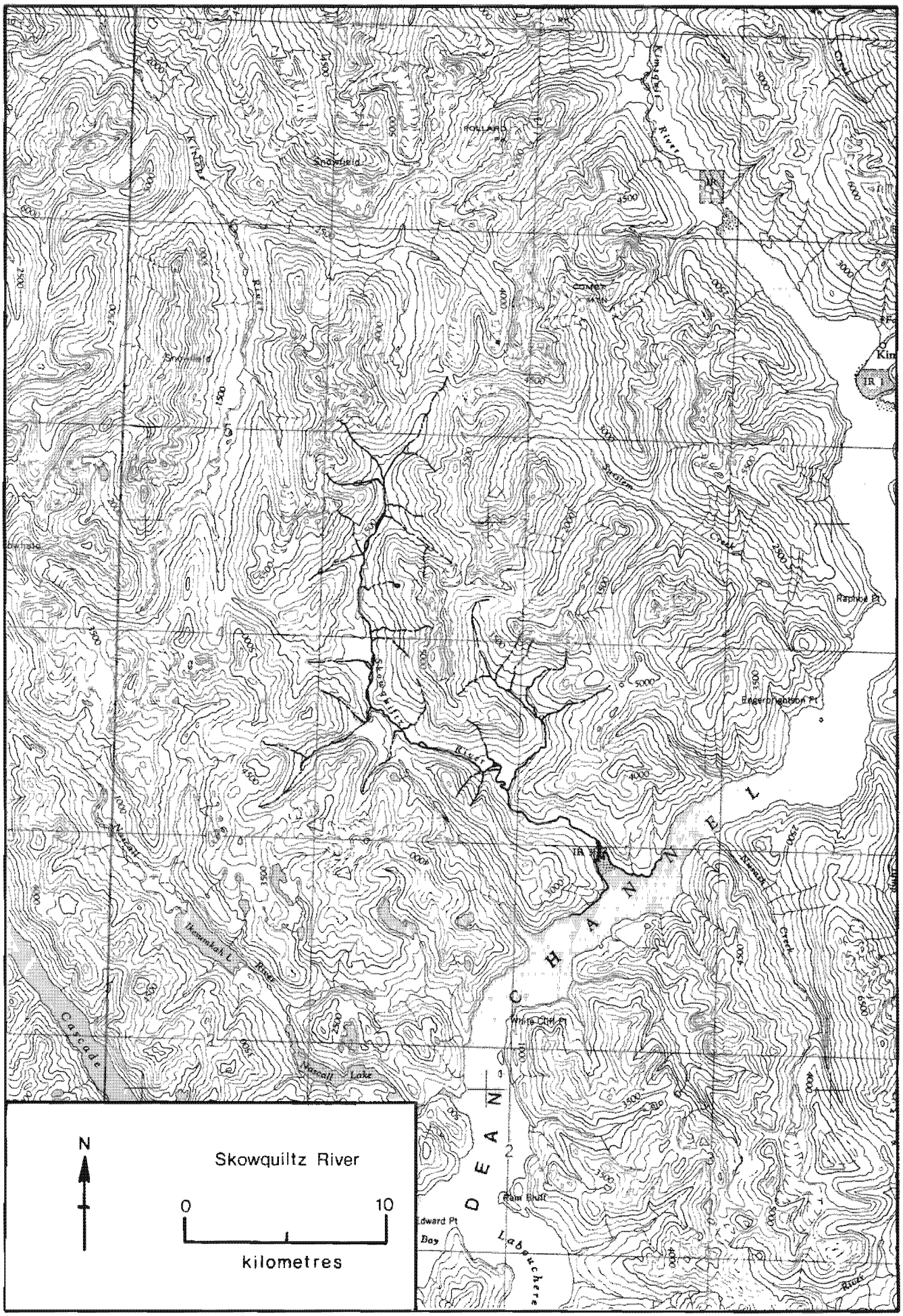
ESCAPEMENT RECORD FOR SAGAR CREEK

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				3500	1500	
48				400	1500	
49				750	750	
50				1500	400	
51				400	200	
52				400	750	
53				400	200	
54			750	3500	7500	
55			N/O	200	200	
56			750	1500	1500	
57			400	750	400	
58			750	400	200	
59			400	200	400	
60			200	400	400	
61			400	200	1500	
62			N/O	1500	3500	
63			75	1500	400	
64			N/O	400	750	
65			N/O	N/O	N/O	
66				1500	1500	
67				200	200	
68			UNK	3500	3500	
69			N/O	1500	N/O	
70				3500	3500	
71				1500	400	
72			N/O	750	1500	
73			N/O	1500	1500	
74			NOT	INSPECTED		
75			NOT	INSPECTED		
76			100	50	3500	
77			N/O	400	3000	
78			N/O	1500	4000	
79			N/O	300	5000	
80				100	1000	
81						
82						
83						
84						
85						

TIMING

ARRIVE				E. SEPT	M. SEPT	
START				E. SEPT	M. SEPT	
PEAK				L. SEPT	L. SEPT	
END				L. OCT	OCT	

REMARKS


Skowquiltz River
0
10
kilometres
N
Snowfield
Snowfield
Kinzaid
River
Kinzaid
River
Creek
Raphoe Pt
Ringerbrighton Pt
Creek
Nanaimo
River
Nanaimo
Creek
Nanaimo
Lake
Cascade
White Cliff Pt
Flat Bluff
Edward Pt
Bay
Labouchere
River
D E A N
C H A N N E L
2
3
1

NAME OF STREAM SKOWQUILTZ RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows SE. into Skowquiltz Bay, E. of Ikesumkah L., Rge. 3, Coast Dist. POSITION 52 127 NE.

LENGTH 4.0 km WIDTH 30.0 m DRAINAGE _____ km^2

COMPOSITION: BEDROCK 1% BOULDER 27% COARSE 33% FINE 25%

SILT & SAND 14% UNCLASSIFIED _____

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	0.0 - 2.0 km
0.50 - 0.75	2.0 - 4.0 km
0.75 - 1.00	
>1.00	

WETTED AREA 142500 m^2 SPAWNING AREA 74150 m^2

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) 7.0 (78/07/05)

BARRIERS OR POINTS OF DIFFICULT ASCENT
Impassable falls at 4.0 km.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- tidal to 1.5 km
CHUM	- tidal to 1.5 km
PINK (ODD YEAR)	- tidal to 1.5 km
PINK (EVEN YEAR)	- tidal to 1.5 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS
- Glacial stream.
- 1967. Subject to extensive fishing pressures.
- 1968. Enumeration difficult due to discoloring of water.

ESCAPEMENT RECORD FOR SKOWQUILTZ RIVER

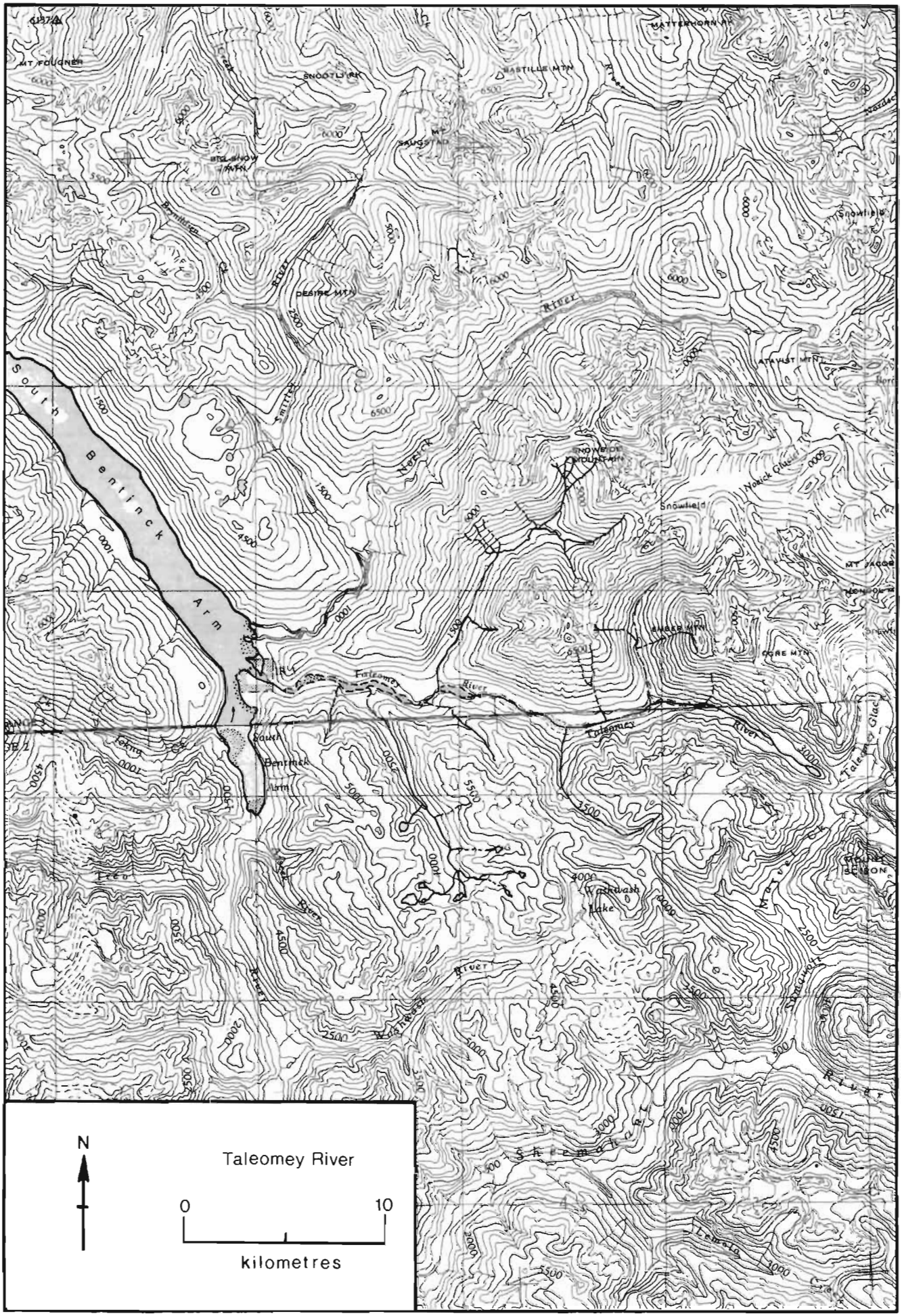
YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				7500	3500	
48				1500	750	
49				3500	7500	
50				3500	3500	
51			1500	3500	3500	
52			400	7500	3500	
53			750	7500	3500	
54			400	3500	3500	
55			400	1500	400	
56			1500	3500	7500	
57			1500	3500	1500	
58			1500	3500	750	
59			UNK	1500	400	
60			N/O	1500	750	
61			N/O	1500	3500	
62			N/O	3500	1500	
63			N/O	1500	1500	
64			N/O	750	N/O	
65			N/O	400	N/O	
66				UNK	UNK	
67				3500	N/O	
68				UNK	UNK	
69			NOT	INSPECTED		
70				3500	N/O	
71			NOT	INSPECTED		
72			N/O	75	200	
73			200	400	75	
74			100	200	2000	
75			N/O	200	25	
76			N/O	N/O	N/O	
77			25	700	600	
78			UNK	500	200	
79			UNK	1000	3500	
80				100	1000	
81						
82						
83						
84						
85						

TIMING

ARRIVE			SEPT	AUG	AUG	
START			OCT	AUG	AUG	
PEAK			NOV	SEPT	E. SEPT	
END			DEC	OCT	OCT	

REMARKS

- 1971. Stream was not inspected due to very high water levels during migration and spawning time.


MT FOLGNER
SNOOTLI RK
BASTILLE MTN
MATTERHORN RK
MT SAUGSTAD
DESIRE MTN
South Bentinck Arm
Bentinck
Nekick
Snowfield
Nekick Glacier
ATAVIST MTN
MT JACOB
ANGEL MTN
CORE MTN
Taleomey
Taleomey River
Tekinn
South Bentinck Arm
Tree
Wakeash Lake
Wakeash River
Sheemahant River
Lewis
N
Taleomey River
0
10
kilometres

NAME OF STREAM TALEOMEY RIVER

CONSERVATION DISTRICT 7 STATISTICAL AREA 8

LOCATION OF MOUTH Flows W. into South Bentinck Arm, SW. of Stuie, Rge. 3, Coast Dist. POSITION 52 126 SW.

LENGTH 19.0 km WIDTH m DRAINAGE km^2

*COMPOSITION: BEDROCK BOULDER COARSE 42% FINE 18%

SILT & SAND 40% UNCLASSIFIED

PERCENT GRADIENT

0.00 - 0.25	
0.25 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
>1.00	

WETTED AREA 1382880* m^2 SPAWNING AREA 276575* m^2

DISCHARGE (m^3/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT
Passable canyon at 2.0 km.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	
CHUM	- to 1.0 km
PINK (ODD YEAR)	- to 1.0 km
PINK (EVEN YEAR)	- to 1.0 km
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM
Good spawning gravel above the canyon.

GENERAL REMARKS * To 8.0 km only.
- Glacial stream.
- Flash flood is a constant problem in this river.
- 1968. Very little good spawning area left due to flash floods.
- 1972-74. Enumeration difficult due to glacial silt. Estimates are based on carcass counts.
- 1978. Watershed has been logged since 1954.
- 1979. Logging in operation at the area 14.0 km from the mouth.

ESCAPEMENT RECORD FOR TALEOMEY RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947				3500	3500	
48				750	750	
49			1500	3500	3500	
50			400	3500	1500	
51			750	3500	3500	
52			400	3500	1500	
53			N/O	1500	750	
54			400	1500	400	
55			400	750	750	
56			400	400	400	
57			200	750	400	
58			200	200	75	
59			200	75	200	
60			200	200	750	
61			400	75	750	
62			N/O	3500	3500	
63			N/O	750	750	
64			N/O	25	25	
65				NO RECORD		
66				200	200	
67				750		
68				750	750	
69			N/O	750	N/O	
70				1500	750	
71			N/O	400	N/O	
72			N/O	750	750	
73			N/O	750	N/O	
74			N/O	300	2000	
75			N/O	750	200	
76			100	750	2000	
77			N/O	40	10	
78			25	50	25	
79			N/O	2000	2000	
80		25	UNK	1000	2000	
81						
82						
83						
84						
85						

TIMING

ARRIVE			SEPT	AUG	AUG	
START			OCT	AUG	AUG	
PEAK			NOV	SEPT	AUG	
END			DEC	SEPT	SEPT	

REMARKS

METRIC EQUIVALENTS

Length

centimeter (cm)	=	0.394 in
meter (m)	=	3.280 ft
meter (m)	=	1.094 yd
kilometer (km)	=	0.621 mi
inch (in)	=	2.540 cm
foot (ft)	=	0.305 m
yard (yd)	=	0.914 m
mile (mi)	=	1.609 km

Area

square centimeter (in^2)	=	0.155 in^2
square meter (m^2)	=	10.760 ft^2
square meter (m^2)	=	1.196 yd^2
square kilometer (km^2)	=	0.386 mi^2
hectare (ha)	=	2.470 a
square inch (in^2)	=	6.451 cm^2
square foot (ft^2)	=	0.093 m^2
square yard (yd^2)	=	0.836 m^2
square mile (mi^2)	=	2.590 km^2
acre (a)	=	0.405 ha

Volume

cubic centimeter (cm^3)	=	0.061 in^3
liter (L)	=	61.023 in^3
liter (L)	=	0.035 ft^3
liter (L)	=	0.264 U.S. gal
	=	0.220 Imp. gal
cubic meter (m^3)	=	35.315 ft^3
cubic meter (m^3)	=	1.308 yd^3
cubic inch (in^3)	=	16.387 cm^3
cubic inch (in^3)	=	0.016 L
cubic foot (ft^3)	=	0.028 m^3
cubic foot (ft^3)	=	28.320 L
cubic yard (yd^3)	=	0.765 m^3
U.S. gallon (gal)	=	3.785 L
Imp. gallon (gal)	=	4.546 L

Weight

gram (gm)	=	0.035 oz
kilogram (kg)	=	2.205 lb
kilogram (kg)	=	0.001 ton (short)
tonne (t)	=	1.103 ton (short)
ounce (oz)	=	31.103 gm
pound (lb)	=	0.373 kg
ton (short)	=	907.180 kg
ton (short)	=	0.907 t

Velocity

meter per second (m/s)	=	3.280 ft/s
feet per second (ft/s)	=	0.305 m/s

Discharge

cubic meter per second (m^3/s)	=	35.315 ft^3/s
cubic foot per second (ft^3/s)	=	0.028 m^3/s
cubic meter per second (m^3/s)	=	15350.879 U.S. gal/min
	=	13198.628 Imp. gal/min

Temperature

Degrees Centigrade (^oC) = 5/9 (Degrees Fahrenheit - 32)
Degrees Fahrenheit (^oF) = 9/5 (Degrees Centigrade) + 32

REFERENCES

Carpenter, F.H. 1975. A preliminary study of fifteen selected pink and chum streams of Central B.C. Coast. (Unpublished report).

1979. Bella Bella stream inventory program, 1978/79. (Unpublished report).