

16065 v2

Extra

Catalogue of Salmon Streams and Spawning Escapements of Sub-Districts 120 and 130 (Alsek-Stikine-Taku Watersheds)

M.J. Hancock and D.E. Marshall

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Enhancement Services Branch
1090 West Pender Street
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No. 456



Fisheries
and Oceans

Pêches
et Océans

Canada

Canadian Data Report of Fisheries and Aquatic Sciences

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Numbers 1-25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26-160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was introduced with the publication of report number 161.

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Rapport statistique canadien des sciences halieutiques et aquatiques

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Les numéros 1 à 25 de cette série ont été publiés à titre de relevés statistiques, Services des pêches et de la mer. Les numéros 26 à 160 ont été publiés à titre de rapports statistiques du Service des pêches et de la mer, ministère des Pêches et de l'Environnement. Le nom actuel de la série a été établi lors de la parution du numéro 161.

Les rapports statistiques sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Fisheries and Oceans
Canadian Data Report of
Fisheries and Aquatic Sciences
No. 456
July 1984

CATALOGUE OF SALMON STREAMS AND SPAWNING ESCAPEMENTS OF

SUB - DISTRICTS 120 AND 130
(ALSEK - STIKINE - TAKU WATERSHEDS)

by

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xix + 233p.

ABSTRACT

Hancock, M.J. and D.E.Marshall, 1984. Catalogue of Salmon Streams and Spawning Escapements of Sub-Districts 120 and 130 (Alsek-Stikine-Taku Watersheds). Can. Data Rep. Fish Aquat Sci. 456: xix + 233p.

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

Keywords: British Columbia, Sub-Districts 120 and 130, Alsek-Stikine-Taku rivers, Salmon Streams, Spawning Escapements.

RÉSUMÉ

Hancock, M.J. and D.E.Marshall, 1984. Catalogue of Salmon Streams and Spawning Escapements of Sub-Districts 120 and 130 (Alsek-Stikine-Taku Watersheds). Can.Data Rep. Fish Aquat. Sci. 456: xix + 233p.

Le présent répertoire donne l'emplacement de chaque cours d'eau, la répartition de fraie, les points de remonte difficile, les données sur les saumons de remonte et d'autres information générales concernant le cours d'eau. On y trouve aussi une carte topographique de l'emplacement du cours d'eau et, dans quelques cas, un croquis décrivant la zone environnante.

Mots-clés: Colombie-Britannique, sous-secteur 120 et 130, rivières Alsek-Stikine-Taku, ruisseaux à saumon, remonte

CONTENTS

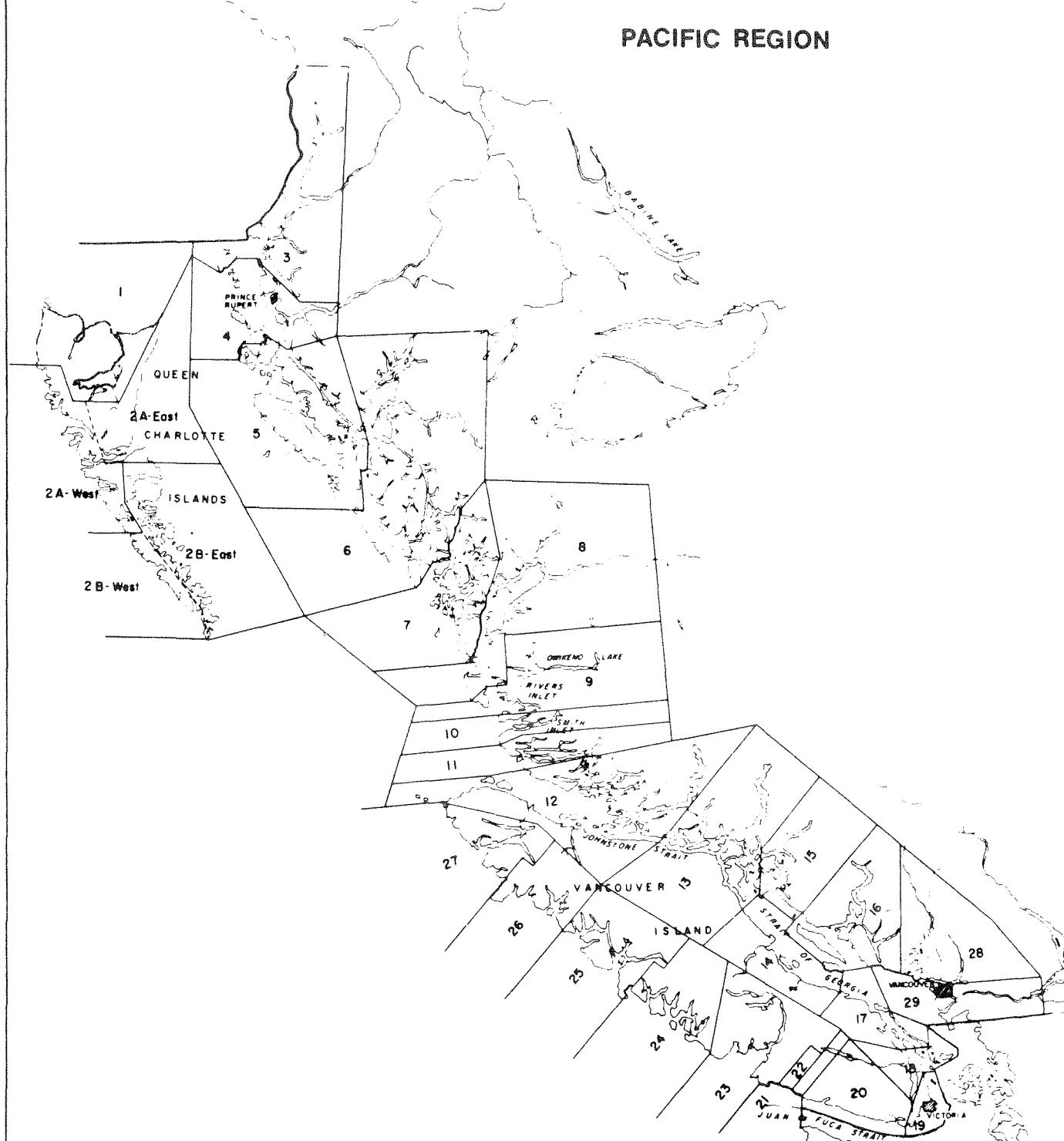
Abstract/Résumé	iii
Table of Contents	iv, v
Statistical Areas	vii
Management Divisions	viii
Map References	ix
Conservation Districts	x
Federal Fisheries Districts	xi
Standards Used on Stream Data Page	xii, xiii
Federal Fisheries Districts Addresses Sub-Districts 120 and 130 (Alsek-Stikine-Watersheds)	xv
Escapement Record for Sub-Districts (Alsek-Stikine-Taku Watersheds)	xvi
Index to Map of Salmon Spawning Streams of Sub-Districts (Alsek-Stikine-Taku Watersheds)	xvii, xviii, xix

STREAM DATA

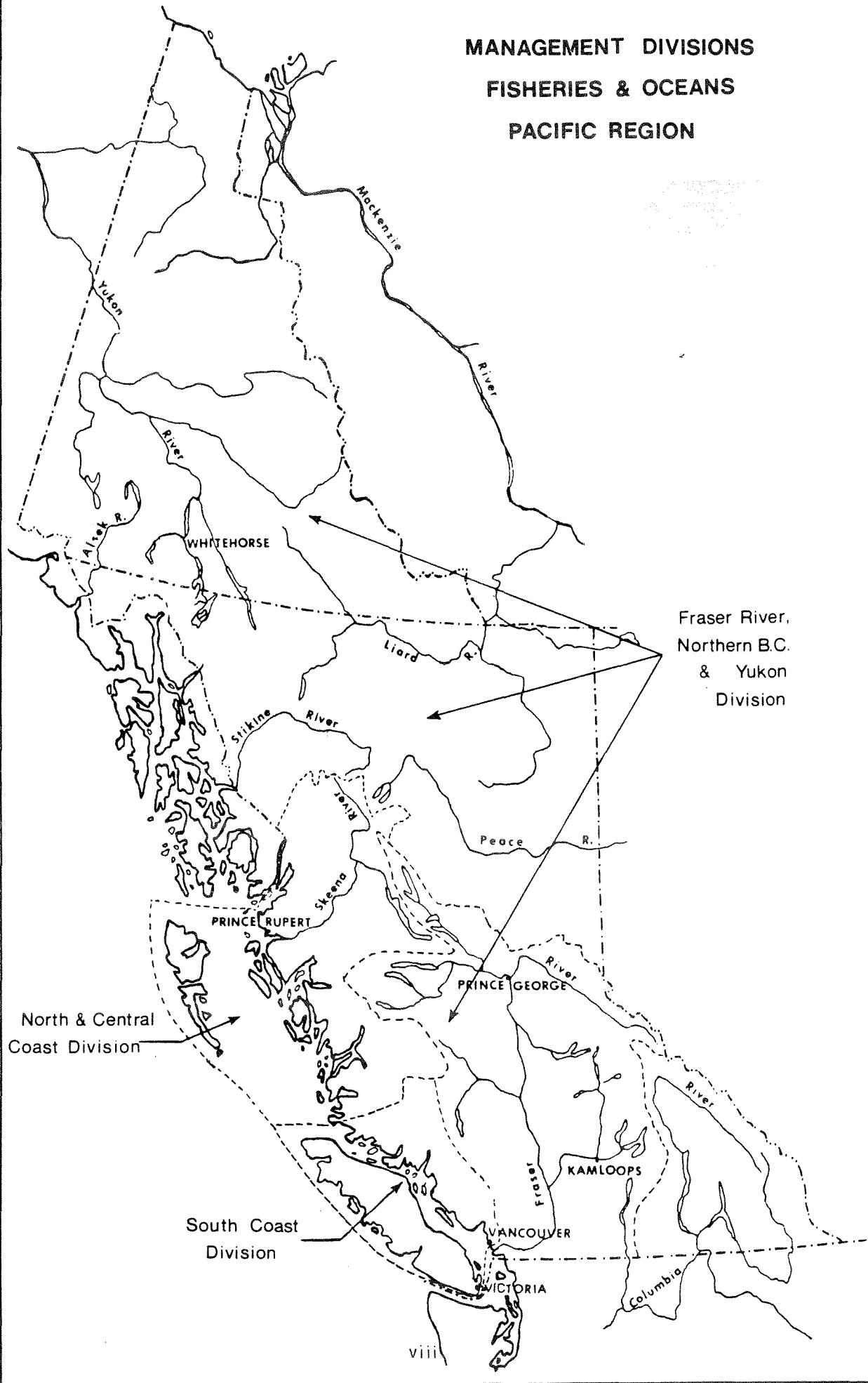
ANUK RIVER (South Anuk River, Anuk River Marsh)	1
ARRIVAL CREEK	5
BEATTY CREEK	9
BLANCHARD RIVER	13
BREWERY CREEK	17
BRONSON CREEK	21
CHOQUETTE RIVER (Mount Choquette Slough)	25
CHRISTINA CREEK	29
CHUTINE RIVER (Clearwater River)	33
CRAIG RIVER	37
DODJATIN CREEK	41
DUDIDONTU RIVER	45
FLANNIGAN SLOUGH (Tulsequah Slough)	49
GEOFFRION CREEK	53
(Goat Creek)	57
HELVEKER CREEK	61
HOODOO RIVER	65
INHINI RIVER	69
ISKUT RIVER AND TRIBUTARIES	73
JEKILL RIVER	79
JOHNSON RIVER	83
KATETE RIVER	87
KIRK RIVER	91

KLUKSHU RIVER AND LAKE	95
KOWATUA CREEK	99
KUTHAI LAKE (Silver Salmon Lake)	103
(Little Trapper Lake)	109
MESS CREEK	113
MISSUSJAY CREEK	117
NAHLIN RIVER	121
NAKINA RIVER	125
PATMORE CREEK	131
PORCUPINE RIVER	134
PRITCHARD CREEK (Richard Creek)	137
SCUD RIVER	141
SHAKES CREEK	145
SHESLAY RIVER	149
SNIPPER CREEK	153
STIKINE RIVER - MAINSTEM	157
TAHTAN RIVER	161
TAHTAN LAKE	161
LITTLE TAHTAN RIVER	169
TAKHANNE RIVER (Takhene River)	173
TAKU RIVER	177
TATSATUA CREEK INCLUDING TATSAMENIE LAKES AND TRIBUTARIES	181
TSETA CREEK	187
TSIKHINI CREEK (Bear Creek)	191
TUYA RIVER	195, 197
TWIN RIVER	201
VERRETT RIVER	205
VILLAGE CREEK AND NESKETAHEEN LAKE	209
WHITING RIVER	213
WINTER CREEK	217
YEHINIKO CREEK (Glacier Creek)	221
YETH CREEK	225
ZIPPA CREEK	229

STATISTICAL AREAS
FISHERIES & OCEANS
PACIFIC REGION



**MANAGEMENT DIVISIONS
FISHERIES & OCEANS
PACIFIC REGION**



MAP REFERENCES

Roads:

hard surface, all weather	more than 2 lanes
hard surface, all weather	2 lanes, Route No. less than 2 18
loose surface, all weather	2 lanes wide 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

Spot Elevation, (in feet)

Mine or Pit

Road, Hard Surface, All Weather

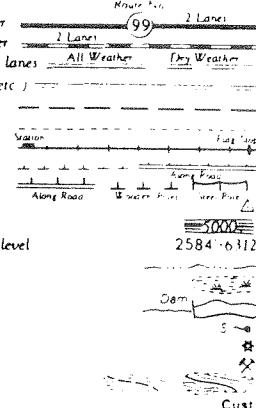
Loose Surface, All Weather

Loose Surface, Less than 2 lanes

Private (Logging, Mining etc)

Four Wheel Drive

Kilometres
1 Lane 2 Lane



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

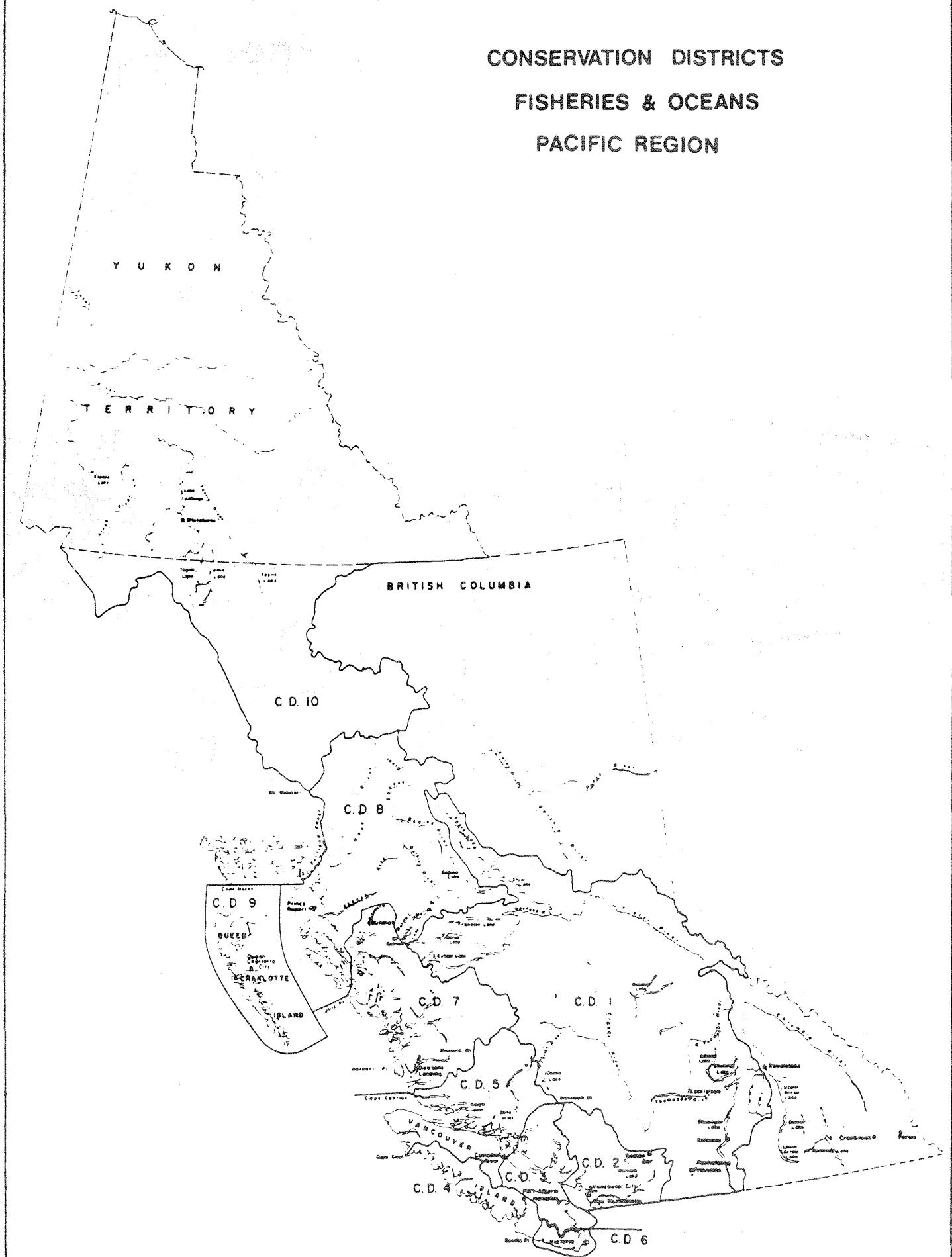
Lighthouse	★
Wharf or Pier	Pier
Foreshore Flats	Sand Mud
Swamp or Marsh	
Lake or Pond, intermittent	
Glacier or Snowfield	
Stream, intermittent	
Irrigation Canals, Ditches	/
Inundated Land, seasonal	- - -
Contours, elevation	500 400
" depression	500 400
" approximate	500 400
Forest, unclassified	

City or large town	□	Post office	P	Boundary monument	○
Town	□	School	§	Astronomical position	⊕
Village or settlement	○	Church	△	Horizontal control point	△
Streams:					
intermittent or dry	—				
indefinite	— — — —				
Irrigation canal or ditch	R F				
Rapids, falls					
Aerodrome	⊕				
Landing ground	⊕				

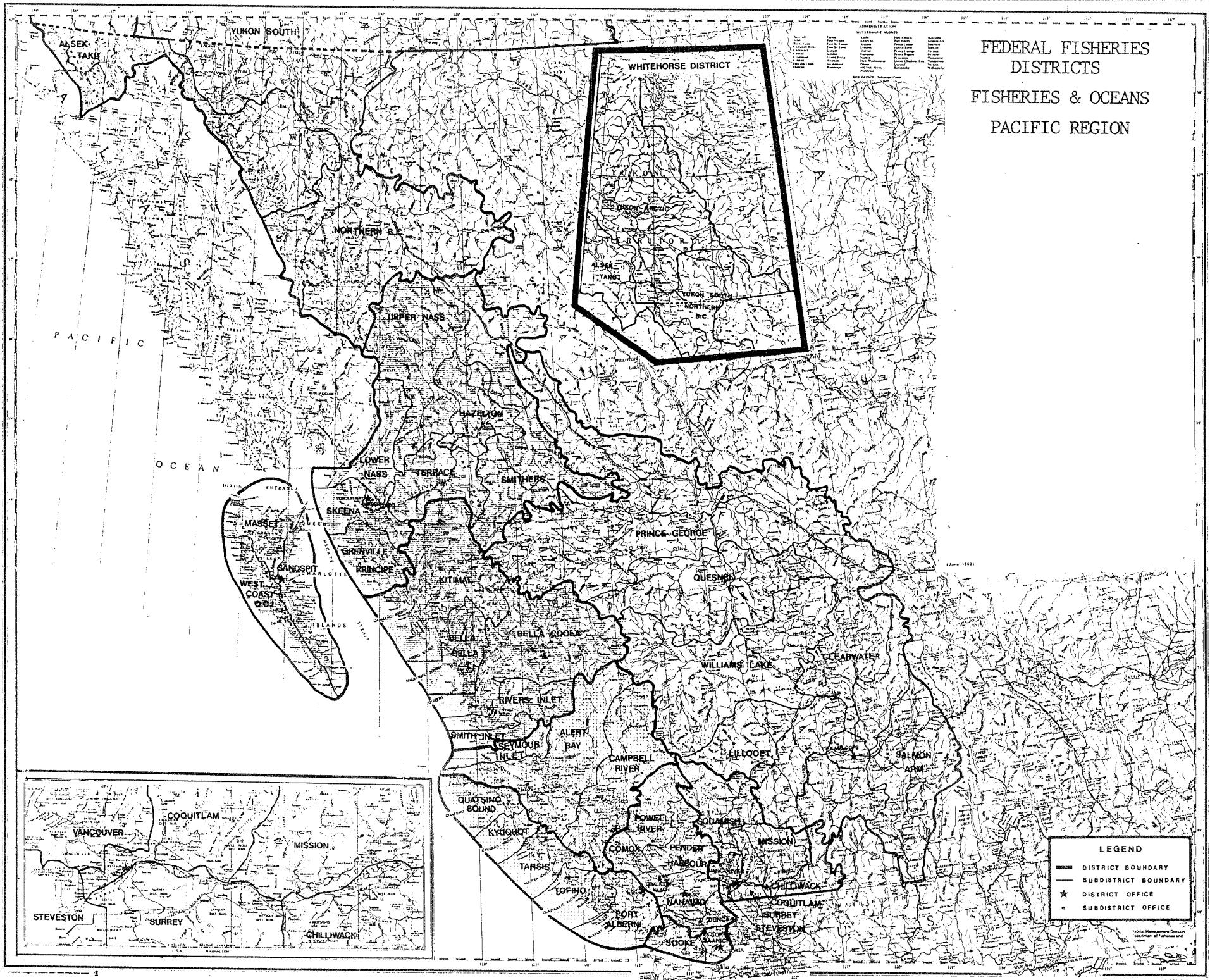
Surveyed timber license number	TL 2841
Lot number	L 124 or S 66
Building	●
School	●
Non-perennial stream	
Marsh or Swamp	
Glacier	
Foreshore flats	
Contours, elevation	Sand 500
Contours, depression	
Forest	

Streams	Wavy line	Dam	Knot
Highways	— - - -	Log Jams	X
Roads	— - - -	Log	Bar
Trails	· · · · ·	Power Line	MM
Houses	↑	Coho	CO
Railroad		Chum	CM
Falls		Pink	P
Rapids		Chinook	CK
Rip-Rap	^	Sockeye	S
Bridges	==		

CONSERVATION DISTRICTS
FISHERIES & OCEANS
PACIFIC REGION



FEDERAL FISHERIES
DISTRICTS
FISHERIES & OCEANS
PACIFIC REGION



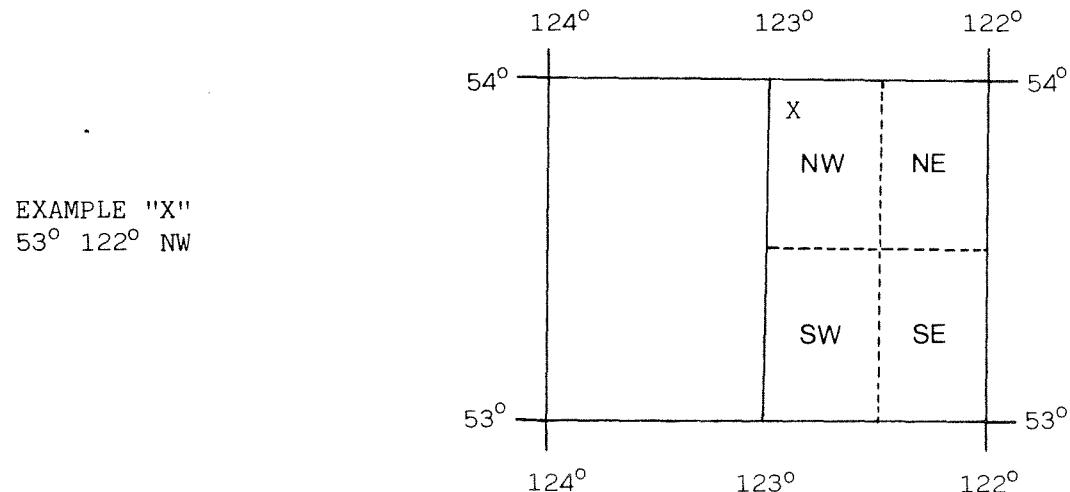
STANDARDS USED ON STREAM DATA PAGE

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).



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.

FISHERIES & OCEANS - Pacific Region

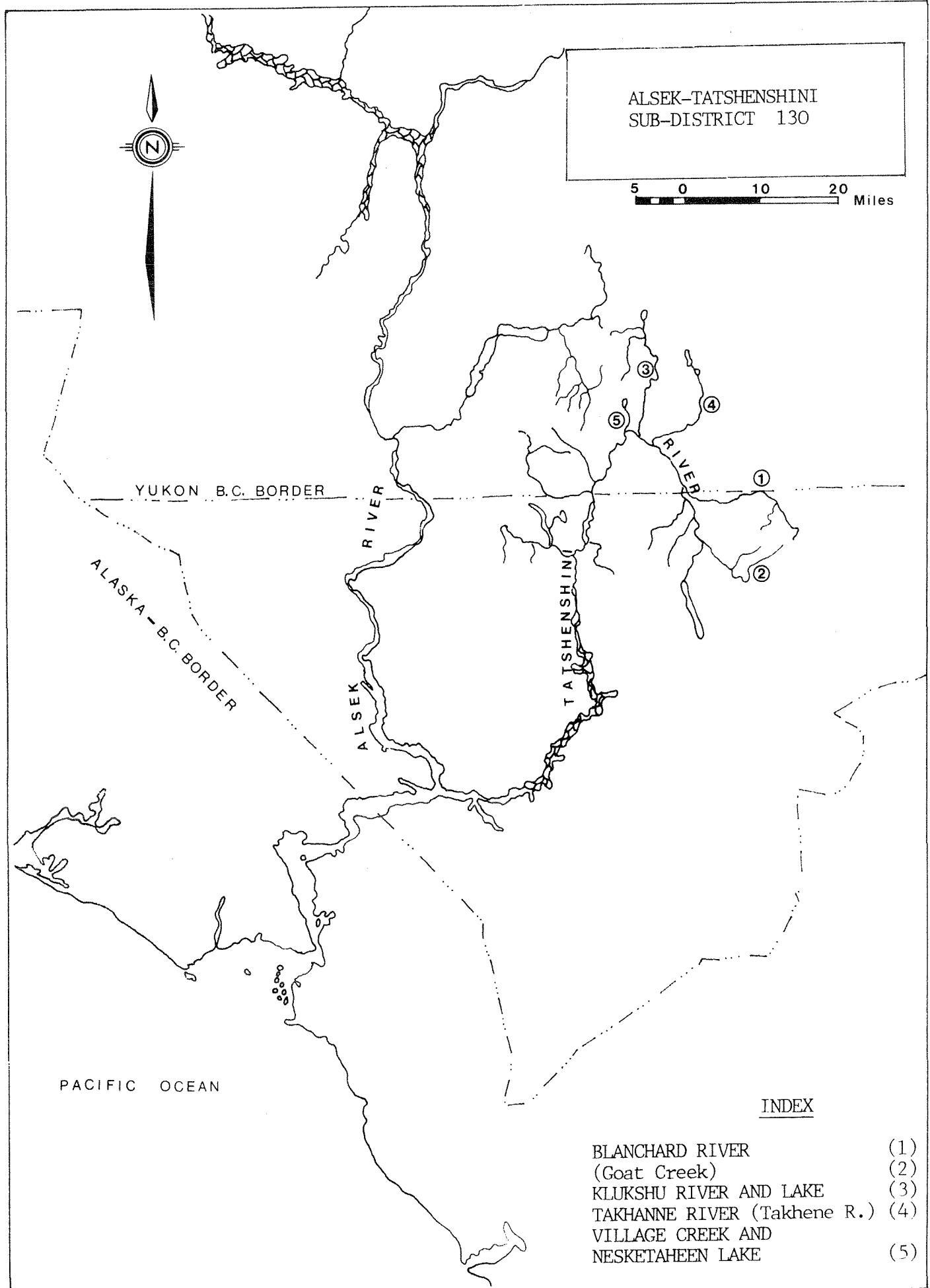
DISTRICT/SUB-DISTRICT OFFICES

DISTRICT/SUB-DISTRICT	ADDRESS	TELEPHONE	SUB-DISTRICT NUMBER
DISTRICT #1 - Kamloops			
Salmon Arm	202 - 317 Seymour St., Kamloops, V2C 2E9 Box 1160, 461 Beatty Ave. NW, Salmon Arm V0E 2T0	374-4322 832-8037	29K
Prince George	2392 Ospika Blvd., Prince George, V2N 3N5	564-7030	29I
Clearwater	Box 610, Clearwater, V0E 1N0	674-2633	29J
Lillooet	Box 315, Lillooet, V0K 1V0	256-4525	29F
Quesnel	Box 4340, Quesnel, V2J 3J3	992-2434	29H
Williams Lake	540 Borland St, Williams Lake, V2G 1R9	398-6544	29G
DISTRICT #2 - New Westminster			
Vancouver	309 - 549 Columbia St., New West., V3L 1B3	524-7181	
Surrey	309 - 549 Columbia St., New West., V3L 1B3	524-7306	28A
Coquitlam	309 - 549 Columbia St., New West., V3L 1B3	524-7777	29B
Steveston	309 - 549 Columbia St., New West., V3L 1B3	524-7169	29C
Squamish	1255 No. 1 Road, Richmond, V7E 1T7	274-7217	29A
Mission	Box 85, Squamish, V0N 3G0	892-3230	28B
Chilliwack	Box 3308, Mission, V2V 4J5	826-3664	29D
	Suite 5, 9375 Mary St., Chilliwack, V2P 4G9	792-6011	29E
DISTRICT #3 - Nanaimo			
Nanaimo/Ladysmith	60 Front St., Nanaimo, V9R 5H7	754-3257	
Qualicum Beach	60 Front St., Nanaimo, V9R 5H7	754-3257	17
Comox	Box 1270, Qualicum Beach, V0R 2T0	752-9712	14S
Dunsmuir	Box 1328, Comox, V9N 3Z0	339-2031	14N
Powell River	Box 241, 191 Ingram St., Duncan, V0L 3X3	746-6221	18
Pender Harbour	4488 Marine Avenue, Powell River, V8A 2K2	485-9621	15
	Box 10, Madeira Park, V0N 2H0	883-2313	16
DISTRICT #4 - Port Alberni			
Port Alberni	Box 280, Federal Building, Port Alberni, V9Y 7M7	724-0195	
Quatsino Sound	Box 280, Federal Building, Port Alberni, V9Y 7M7	724-0195	23
Kyugquot	Box 10, Port Hardy, V0N 2P0	949-6422	27
Tahsis	Box 549, Tahsis, V0P 1X0	934-6606	26
Tofino	Box 549, Tahsis, V0P 1X0	934-6606	25
	Box 48, Tofino, V0R 2Z0	725-3468	24
DISTRICT #5 - Campbell River			
Campbell River	215 - 950 Alder St., Campbell River, V0W 2P8	287-2102	
Seymour Inlet	215 - 950 Alder St., Campbell River, V0W 2P8	287-2102	13
Alert Bay	Box 10, Port Hardy, V0N 2P0	949-6422	11
	Box 10, Alert Bay, V0N 1A0	974-5216	12
DISTRICT #6 - Victoria			
Victoria/Saanich	116 - 816 Government St., Victoria, V8W 1W9	566-3252	
Sooke	116 - 816 Government St., Victoria, V8W 1W9	566-3252	19
	Box 460, Sooke, V0Z 1N0	642-5322	20
DISTRICT #7 - Kitimat			
Butedale	315 - 450 Federal Building, Kitimat, V8C 1T6	632-4884	
Bella Bella	315 - 450 Federal Building, Kitimat, V8C 1T6	632-4884	6
Bella Coola	Box 38, Bella Bella, V0T 1B0	957-2363	7
Rivers Inlet	Box 130, Bella Coola, V0T 1C0	799-5345	8
Smith Inlet	Dawson Landing P.O., Rivers Inlet, V0N 1M0		9
	Dawson Landing P.O., Rivers Inlet, V0N 1M0		10
DISTRICT #8 - Prince Rupert			
Waterfront	109 - 417 2nd Ave. West, Prince Rupert, V8J 1G8	624-9137	
Skeena	109 - 417 2nd Ave. West, Prince Rupert, V8J 1G8	624-9137	
Greenville - Principe	109 - 417 2nd Ave. West, Prince Rupert, V8J 1G8	624-9137	
Lower Nass	109 - 417 2nd Ave. West, Prince Rupert, V8J 1G8	624-9137	4A
Upper Nass	109 - 417 2nd Ave. West, Prince Rupert, V8J 1G8	624-9137	5
Hazelton	Box 29, Nass Camp, V0J 3J0	633-2408	3B
Smithers	Box 327, Field Street, Hazelton, V0J 1Y0	842-6327	4C
Terrace	Box 578, Smithers, V0J 2N0	847-2312	4D
	4721-B Lazelle Ave., Terrace, V0G 1R6	635-2206	4B
DISTRICT #9 - Queen Charlotte Is.			
West Coast Q.C.I.	Box 99, Queen Charlotte City, V0T 1S0	559-4413	
Masset	Box 99, Queen Charlotte City, V0T 1S0	559-4413	2W
Sandspit	Box 99, Masset, V0T 1M0	626-3316	1
	Box 222, Sandspit, V0T 1T0	637-5340	2E
DISTRICT #10 - Whitehorse			
Yukon South/Northern B.C.	122 Industrial Road, Whitehorse, Y.T., Y1A 2T9	667-2235	
Yukon-Arctic	122 Industrial Road, Whitehorse, Y.T., Y1A 2T9	667-2235	120
Alsek-Taku	122 Industrial Road, Whitehorse, Y.T., Y1A 2T9	667-2235	110
	Box 5341, Haines Junction, Y.T., Y0B 1L0	634-2235	130

ESCAPEMENT RECORD FOR SUB. DISTRICTS 120 AND 130 ALSEK-STIKINE-TAKU WATERSHEDS

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	1,650	275				
66	9,375	1,300	1,500			
67	5,025	1,850	750			
68	11,150	2,100	750			
69	7,200	1,025	2,250			
70	7,400	550	825			
71	33,200	4,350	525		475	75
72	46,800	4,470	5,425		9,500	
73	9,477	5,325	1,900		15,000	
74	19,181	6,131	700			
75	6,435	13,025	4,675			
76	49,971	6,209	1,760	10,000		
77	108,051	9,540	5,543	8,000	50,000	
78	78,355	7,995	50		20,000	
79	67,400	9,165	6,250	300,000	60,000	
80	79,278	23,193	6,730	40,000	270,000	
81	91,289	21,650	11,270	200,000	90,028	
82	83,553	17,848	8,916	20,000	205,036	
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS



NORTHERN BRITISH COLUMBIA
SUB-DISTRICT 120

STIKINE

MILES 10 0 10 20



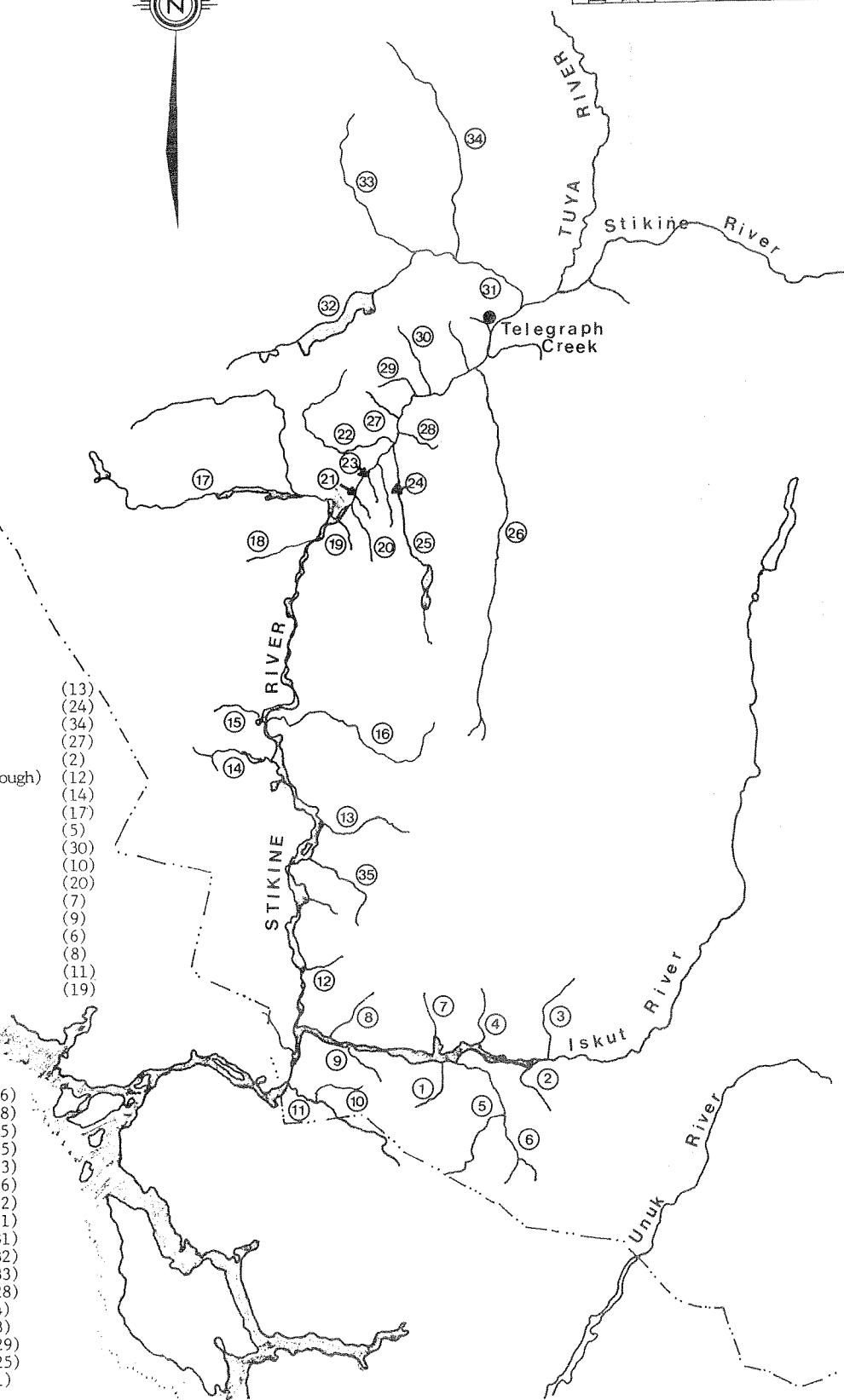
ALASKA
B.C.
BORDER

ANUK RIVER (South Anuk River)
ARRIVAL CREEK
BEATTY CREEK
BREWERY CREEK
BRONSON CREEK
CHOQUETTE RIVER (Mount Choquette Slough)
CHRISTINA CREEK
CHUTINE RIVER (Clearwater River)
CRAIG RIVER
DODJATIN CREEK
GEOFFRION CREEK
HELVEKER CREEK
HOODOO RIVER
INHINI RIVER
JEKILL RIVER
JOHNSON RIVER
KATETE RIVER
KIRK CREEK

(13) (24)
(24) (34)
(34) (27)
(27) (2)
(2) (12)
(12) (14)
(14) (17)
(17) (5)
(5) (30)
(30) (10)
(10) (20)
(20) (7)
(7) (9)
(9) (6)
(6) (8)
(8) (11)
(11) (19)
(19)

MESS CREEK
MISSUSJAY CREEK
PATMORE CREEK
PORCUPINE RIVER
PRITCHARD CREEK (Richard Creek)
SCUD RIVER
SHAKES CREEK
SNIPPER CREEK
TAHTAN RIVER
TAHTAN LAKE
LITTLE TAHTAN RIVER
TSIKHINI CREEK (Bear Creek)
TWIN RIVER
VERRETT RIVER
WINTER CREEK
YEHNICO CREEK (Glacier Creek)
ZIPPA CREEK

(26) (18)
(18) (15)
(15) (35)
(35) (23)
(23) (16)
(16) (22)
(22) (21)
(21) (31)
(31) (32)
(32) (33)
(33) (28)
(28) (4)
(4) (3)
(3) (29)
(29) (25)
(25) (1)

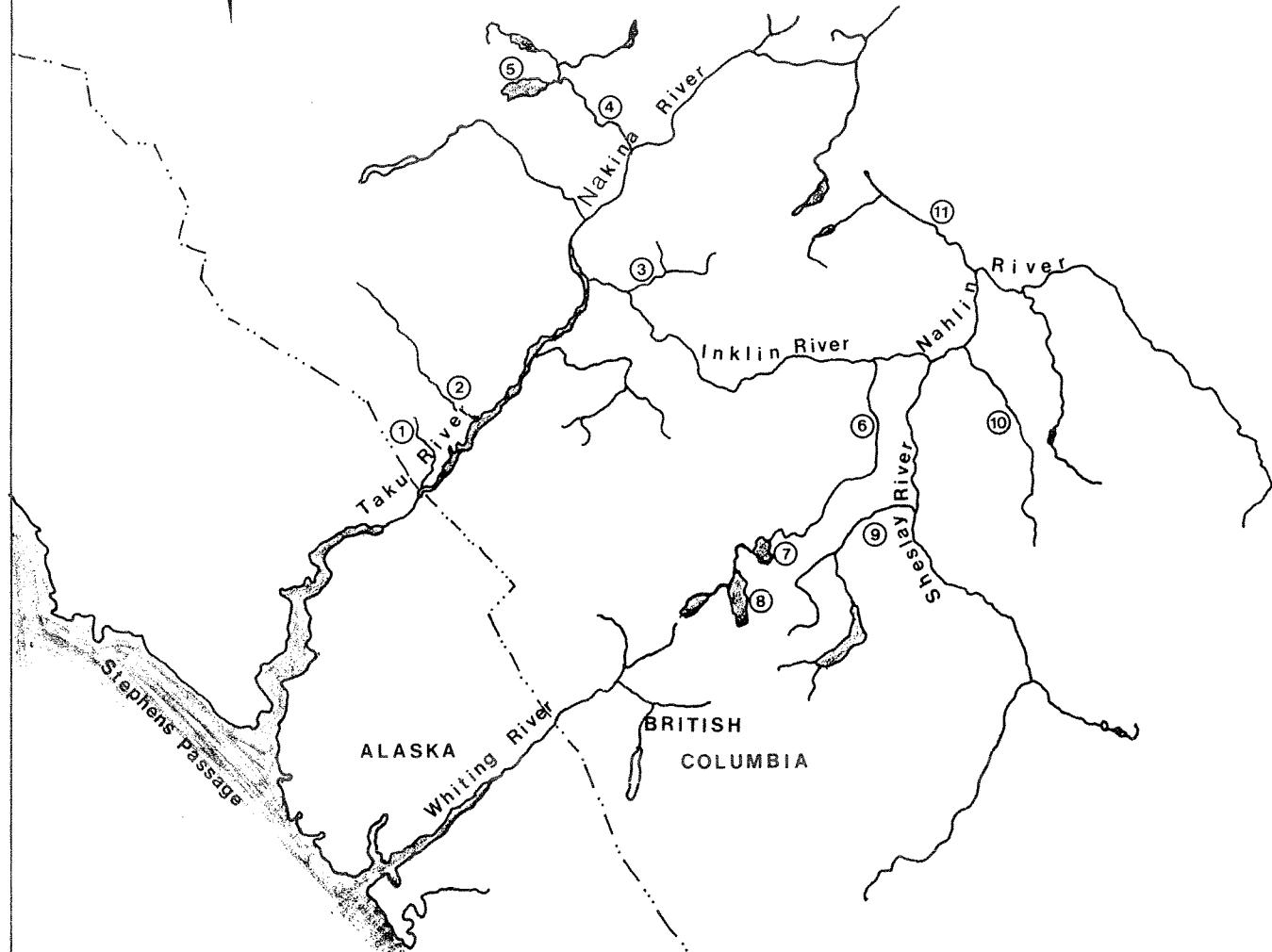




NORTHERN BRITISH COLUMBIA
SUB-DISTRICT 130

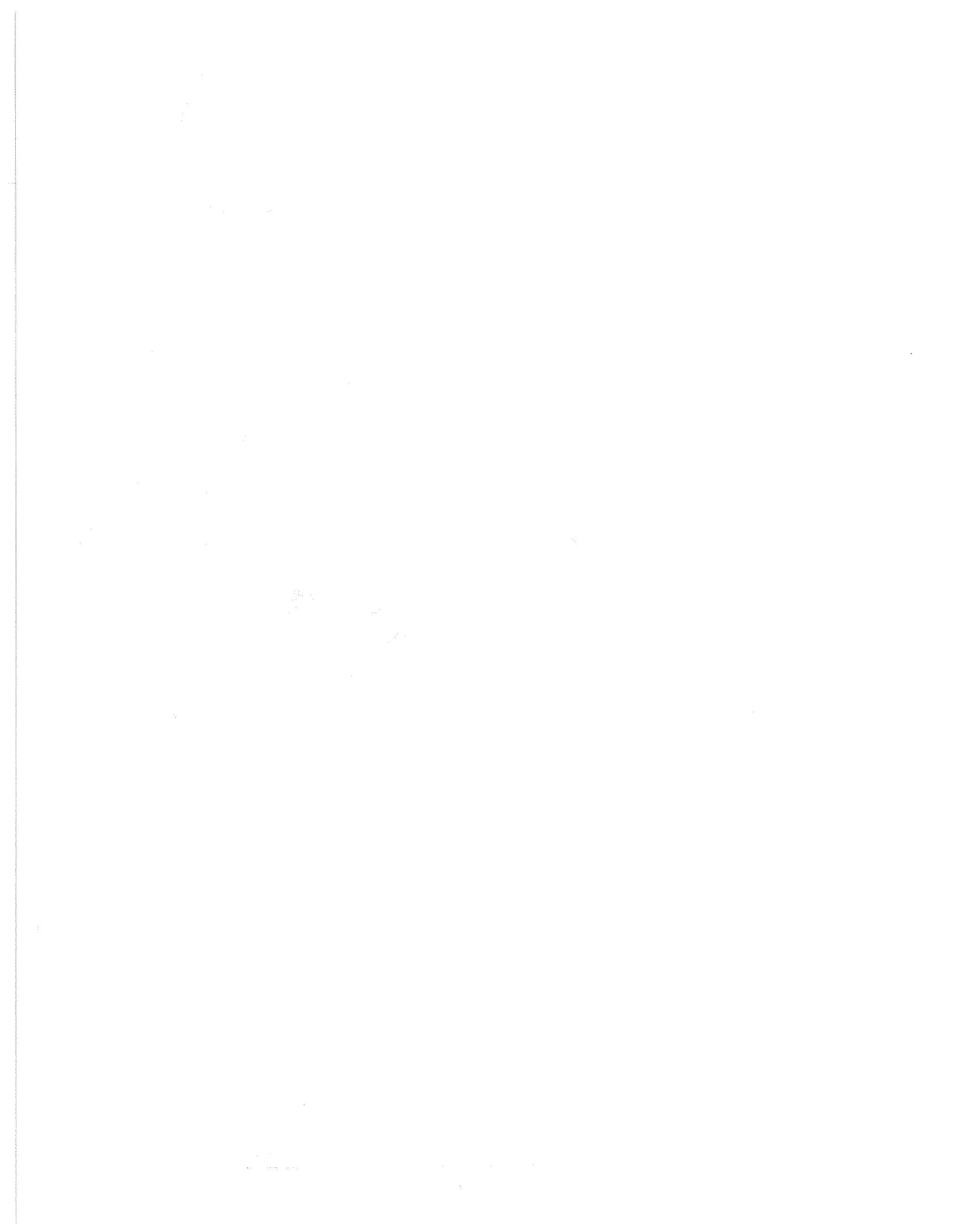
TAKU

10 0 10 20 MILES



INDEX

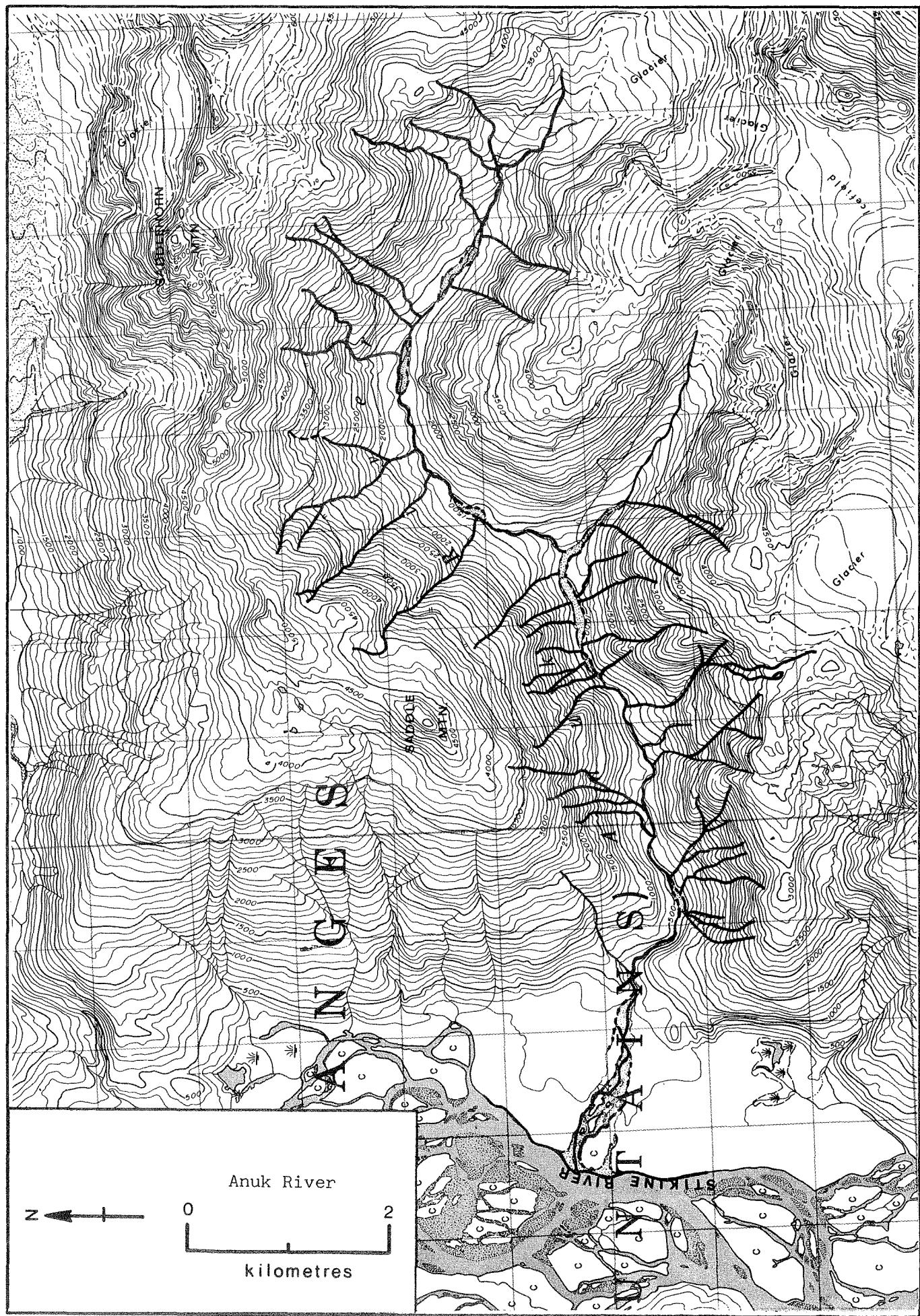
DUDIDONU RIVER	(10)
FLANNIGAN SLOUGH (Tulsequah Slough)	(1)
KOWATUA CREEK	(6)
KUIHAI LAKE (Silver Salmon Lake) (Little Trapper Lake)	(5)
TRAPPER LAKE	(7)
TATSATUA CREEK INCLUDING TATSAMENIE LAKES AND TRIBUTARIES	(8)
TSETA CREEK	(9)
TULSEQUAH RIVER	(11)
YETH CREEK	(2)
SILVER SALMON RIVER	(3)
	(4)



STREAM DATA

SUB - DISTRICTS 120 AND 130

(ALSEK - STIKINE - TAKU WATERSHEDS)



NAME OF STREAM ANUK RIVER (South Anuk River) (Anuk River Marsh)

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows W. into Stikine River, Cassiar Dist.N. of Porcupine River,

Cassiar Dist. POSITION 57 131 SW.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

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

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

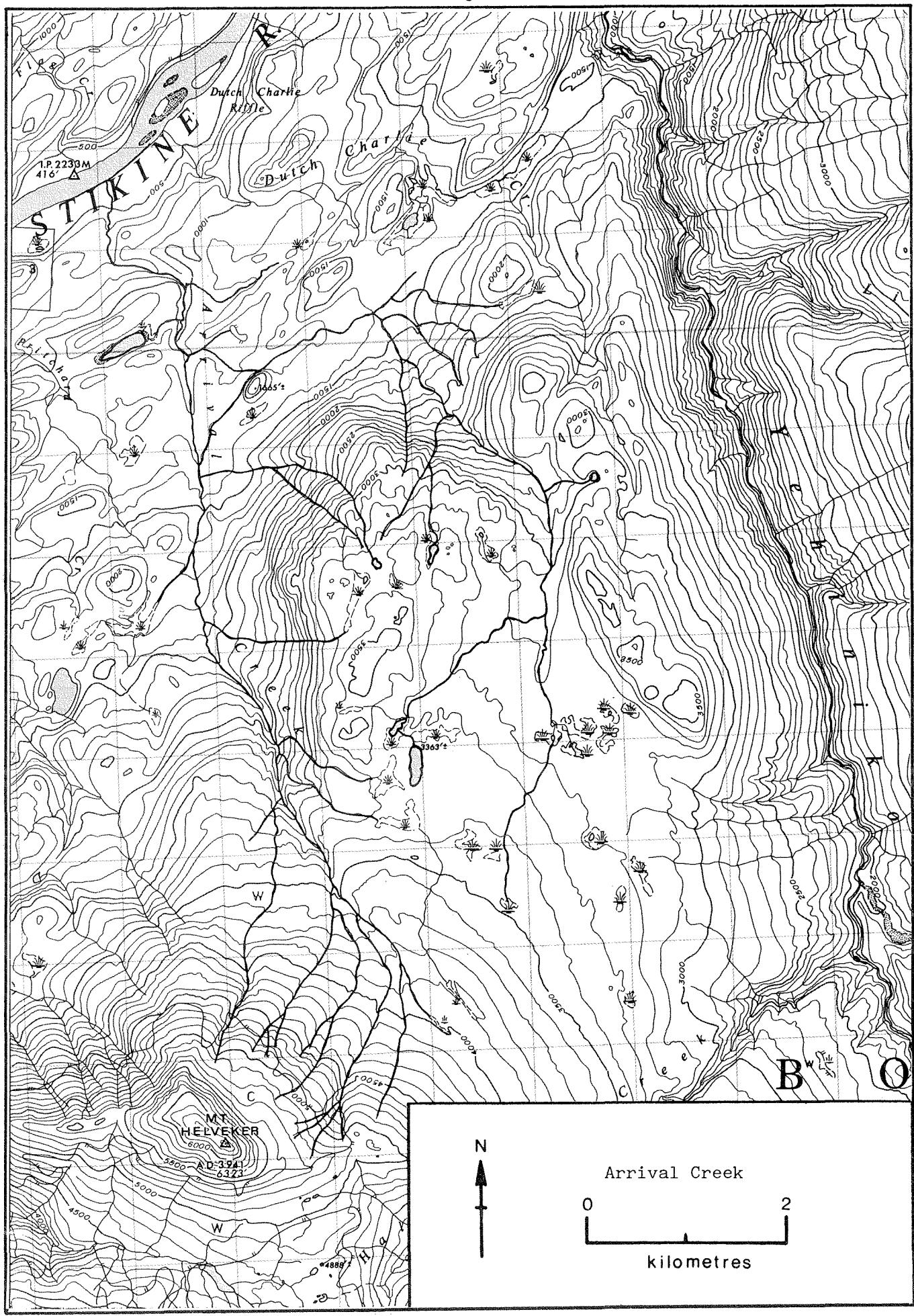
FIRST REPORT.

GENERAL REMARKS Poor spawning potential. Water levels normal, visibility good.

ESCAPEMENT RECORD FOR ANUK RIVER - SOUTH (Anuk River Marsh)

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						
80						
81						
82	N/O					
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM ARRIVAL CREEK

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows N. into Stikine River, Cassiar Dist.

POSITION 57 131 NE.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	in lower 1 km.
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	in lower 1 km.
STEELHEAD	

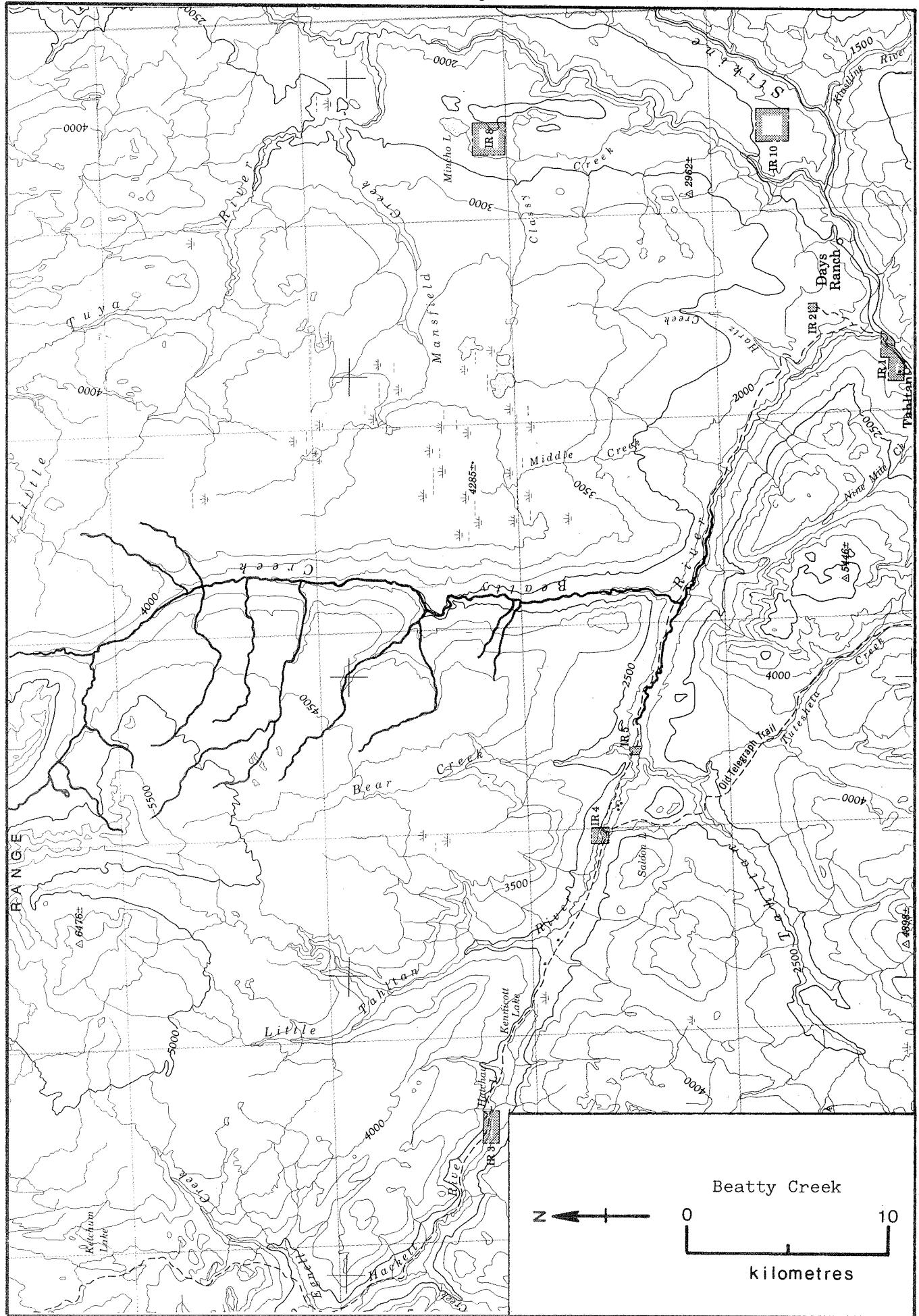
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS Marginal salmon producer. Normal water levels.

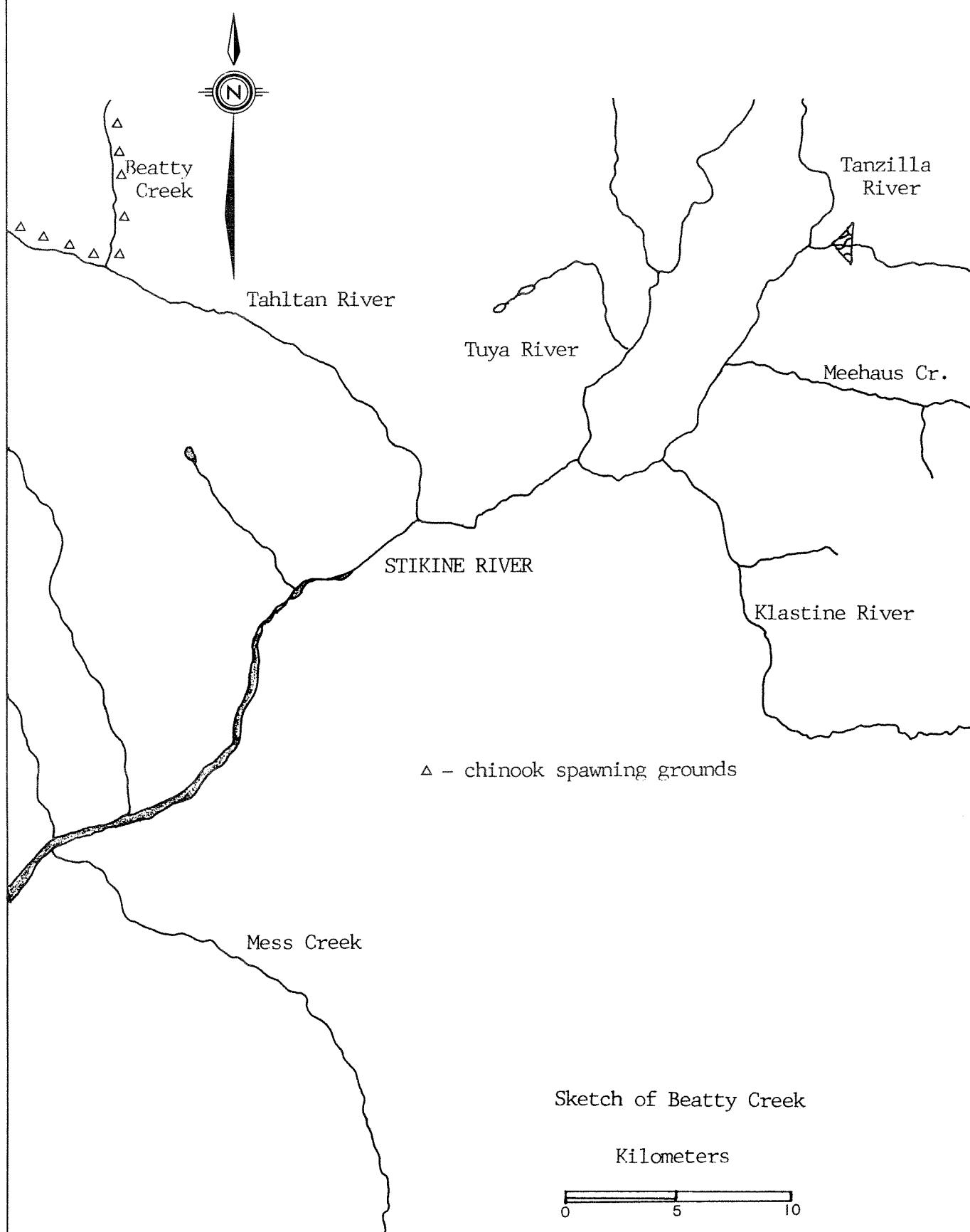
ESCAPEMENT RECORD FOR ARRIVAL CREEK

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						
80						
81						
82	N/O				28	
83						
84						
85						
TIMING						
ARRIVE					Aug.	
START					Aug.	
PEAK					Aug.	
END					Aug.	

REMARKS



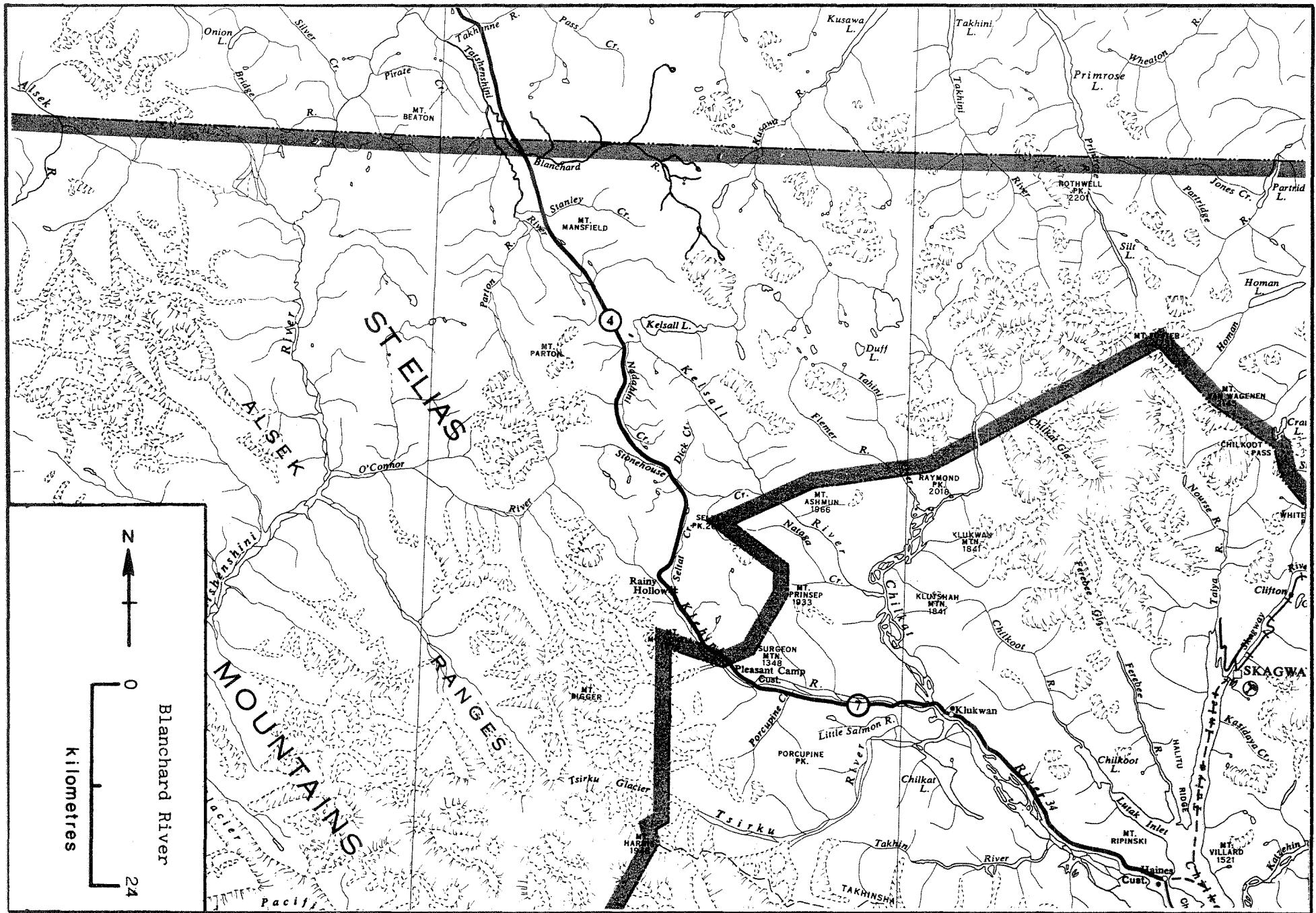
NAME OF STREAM	BEATTY CREEK		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Flows S. into Tahltan River, Cassiar Dist.		
POSITION 58 131 SE.			
LENGTH	km	WIDTH	m DRAINAGE km ²
COMPOSITION: BEDROCK		BOULDER	COARSE FINE
SILT & SAND		UNCLASSIFIED	
PERCENT GRADIENT			
0.00 - 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 1982 reported rock blockage 6.5km from mouth -- channel blasted around obstruction in October.			
SPawning DISTRIBUTION			
SPECIES		SECTION OF STREAM USED	
SOCKEYE			
CHINOOK	distributed in lower 8km.		
COHO			
CHUM			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS 1982 Consistent chinook producer.			
Predators: bears and birds.			



ESCAPEMENT RECORD FOR BEATTY 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						
80		500				
81		550				
82		567				
83						
84						
85						
TIMING						
ARRIVE		Jun-Jul				
START		Jul-Aug				
PEAK		Aug				
END		Aug				

REMARKS 1982 Data collected by Alaska Department of Fish and Game



NAME OF STREAM BLANCHARD RIVER

LOCATION OF MOUTH Flows N. across B.C.-Yukon Bdy. N. of Mt. Mansfield, Cassiar Dist.

POSITION 59 136 NW.

LENGTH km WIDTH m DRAINAGE km²

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

DISCHARGE (m³/s)

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT passable for 30 km.

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SPawning Distribution

SECTION OF STREAM USED	
SPECIES	
SOCKEYE	- in lake, at lake outlet, and in river below lake
CHINOOK	- heaviest at river mouth and scattered on available gravel
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1966 Upper spawning riffles almost dry. Survival for 1966 seeding doubtful.

1973/74 Figures compiled from Indian food catch statistics and brood years 1967/68

1975 Information received from native fishery.

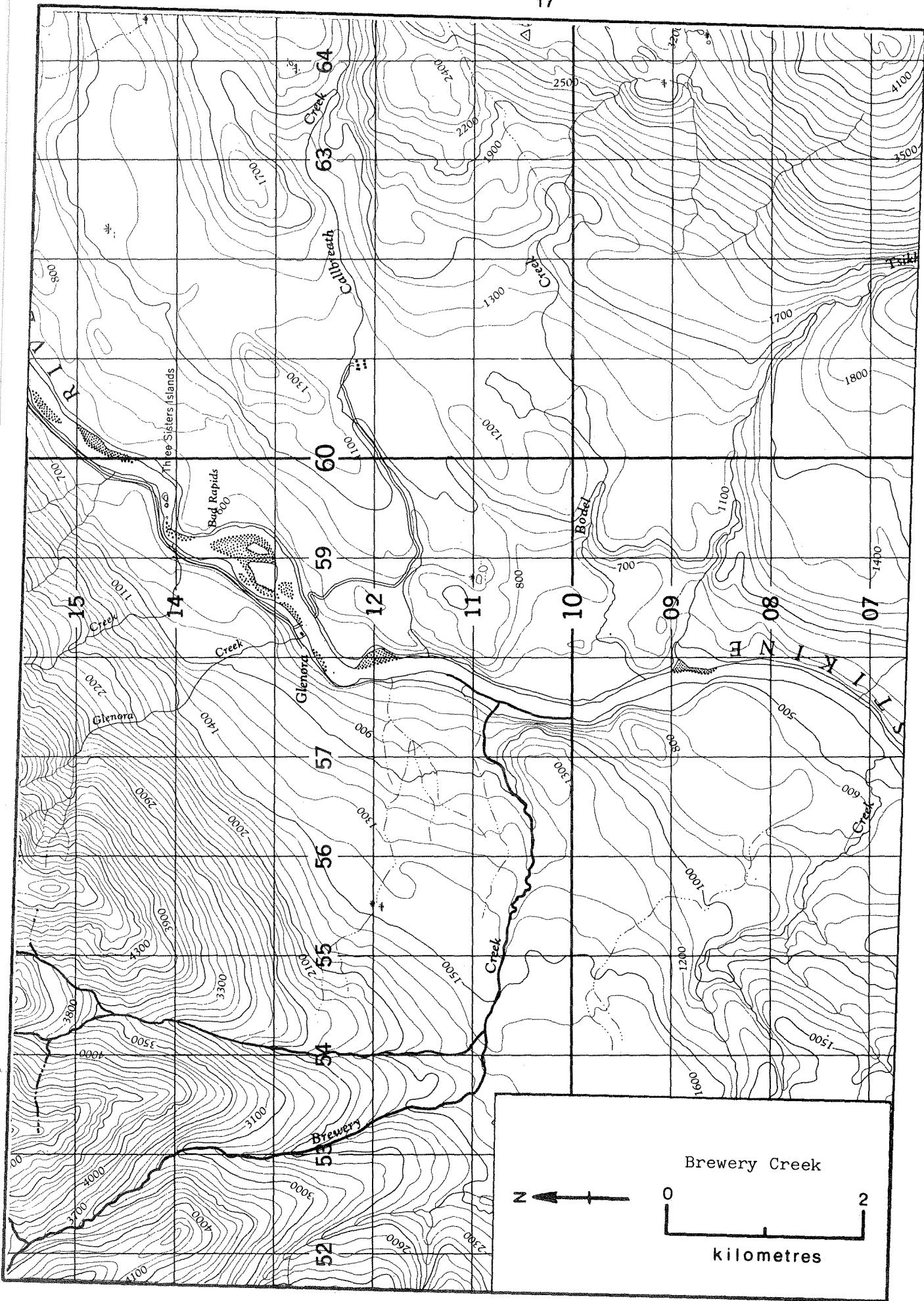
1976 Very few chinook this year

1978 Approx 80 chinook were taken by sport fishermen this year. Very hard to observe fish -- location of spawning grounds unknown.

ESCAPEMENT RECORD FOR BLANCHARD 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	150	75				
66	25	100				
67	25	150				
68	150	400				
69	200	200				
70	400	75				
71	75	-				
72	200	750				
73	75	400				
74	75	200				
75	N/0	N/0				
76	-	50				
77	-	25				
78		UNK				
79	2,000	1,000				
80	1,000	1,000				
81	UNK	500				
82	UNK	600				
83						
84						
85						
TIMING						
ARRIVE	Jun-Jul	Jun-Jul				
START	Jul-Aug	Jul-Aug				
PEAK	Aug	Jul-Aug				
END	Aug-Sept	Aug				

REMARKS 1973/74 Figures compiled from Indian food catch stats. and brood years 1967/68



NAME OF STREAM BREWERY CREEK

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows East into Stikine River below Glenora, Cassiar Dist.

POSITION 57 131 NE

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²

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 _____ m² SPAWNING AREA _____ m²

DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

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

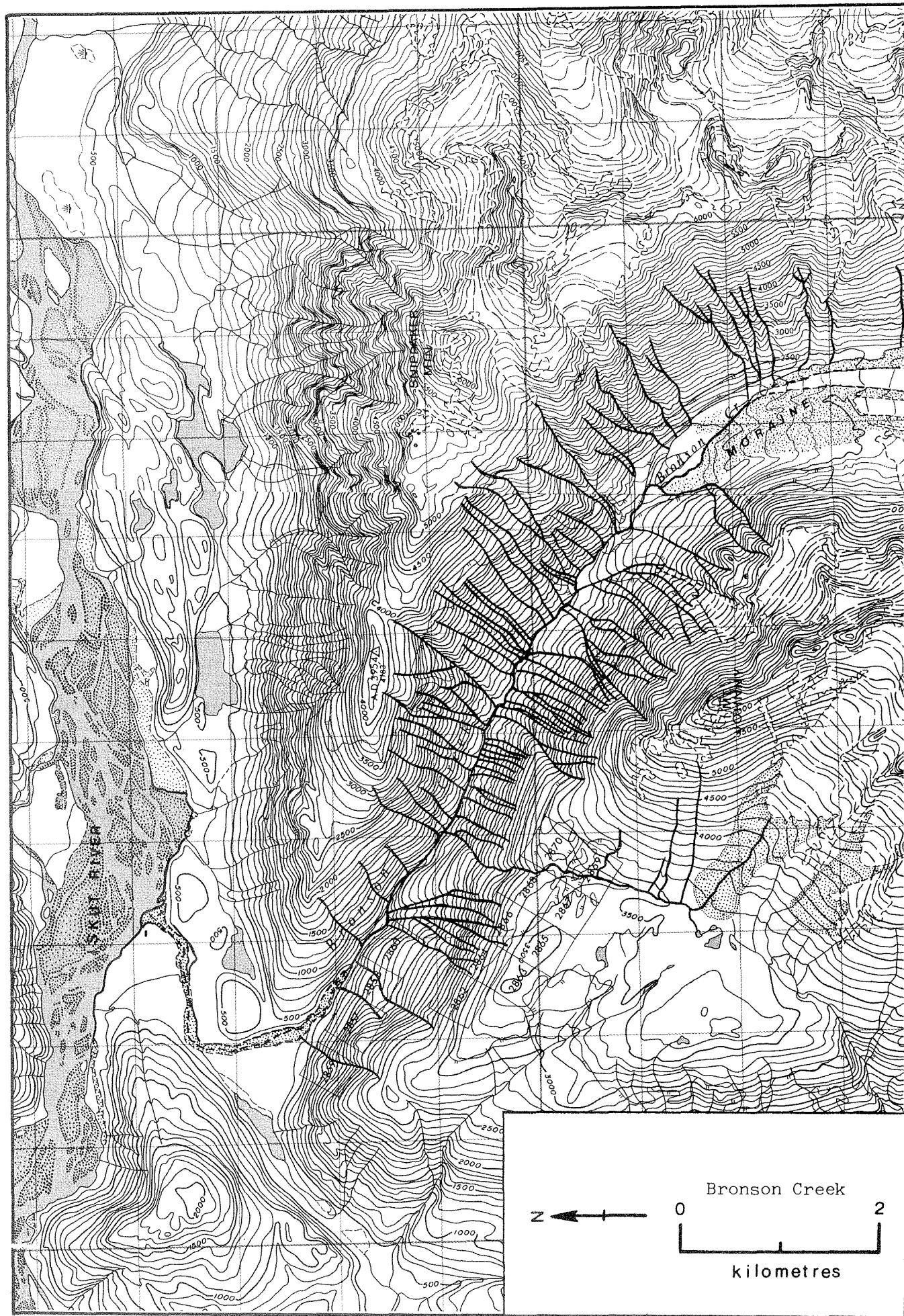
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS Very marginal salmon producing stream for chinooks and pinks.
Normal water levels. Potential spawning grounds in lower 1 km.

ESCAPEMENT RECORD FOR BREWERY 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						
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67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82	N/O					N/O
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS



NAME OF STREAM BRONSON CREEK
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows NW. into Iskut River, East of Craig River, Cassiar Dist.
 LENGTH _____ km WIDTH _____ m POSITION 56 131 NE.
 COMPOSITION: BEDROCK BOULDER DRAINAGE km²
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 _____ m² SPAWNING AREA _____ m²

DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

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

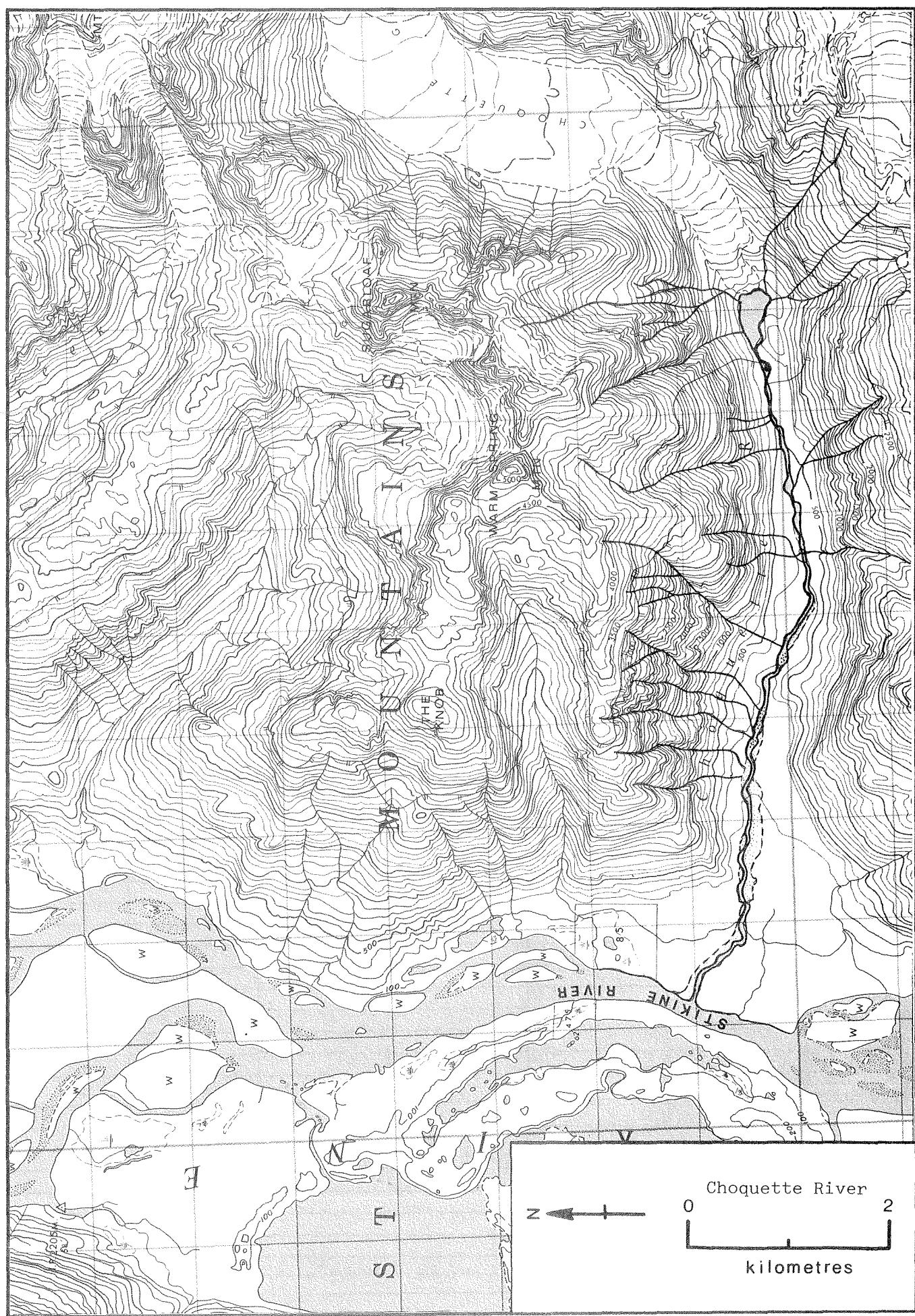
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS Normal water conditions, good visibility.

ESCAPEMENT RECORD FOR BRONSON 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						
80						
81						
82		NONE OBSERVED				
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game

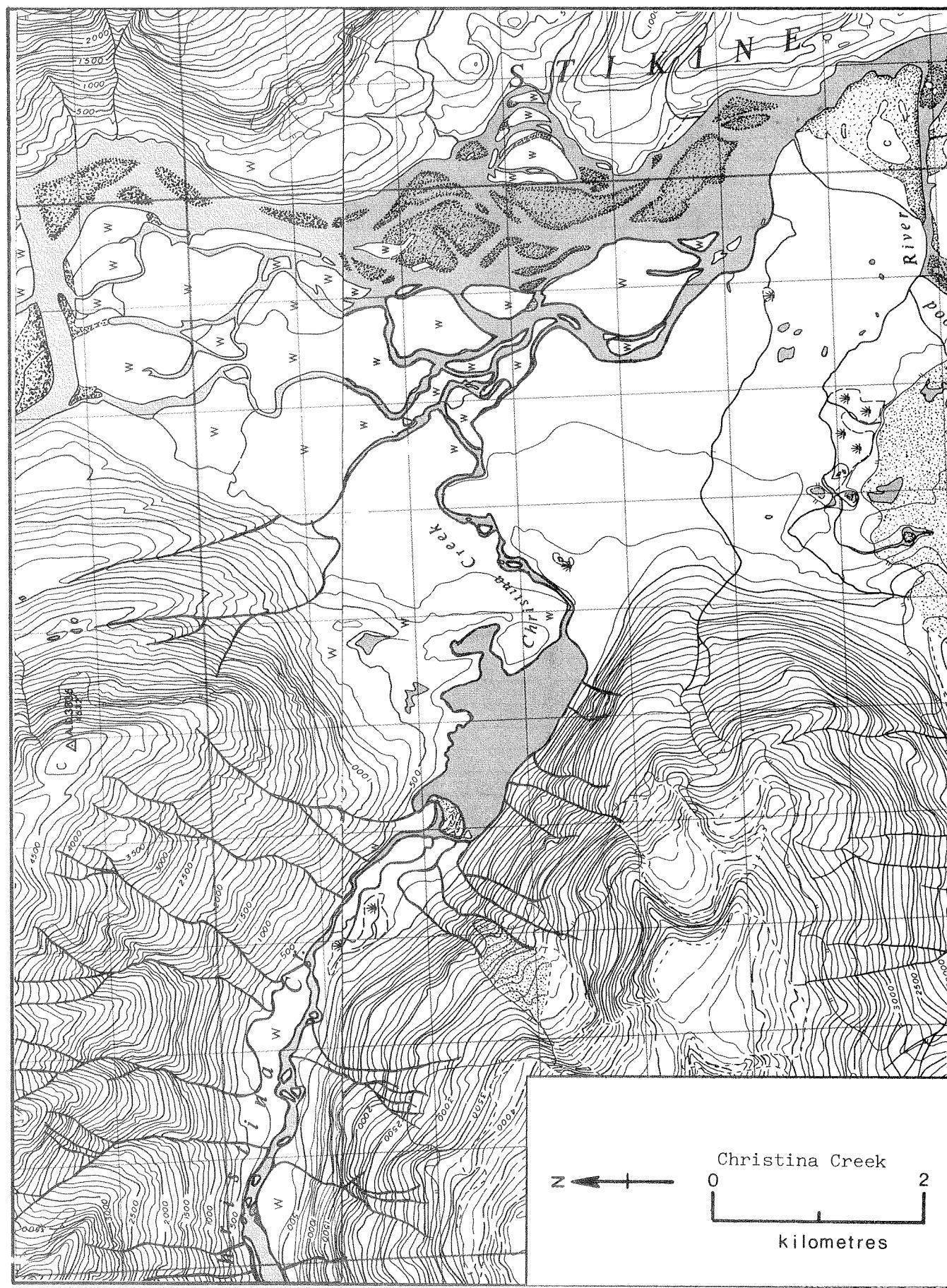


NAME OF STREAM	CHOQUETTE RIVER (Mount Choquette Slough)		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Flows W. into Stikine, North of jct. of Stikine and Iskut Rs., Cassiar Dist.		
LENGTH	km	WIDTH	m DRAINAGE km ²
COMPOSITION: BEDROCK	BOULDER	COARSE	FINE
SILT & SAND	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			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
FIRST REPORT.			
GENERAL REMARKS	Side slough type spawning area -- prone to drastic water level changes. Not a good spawning area. Normal water levels during survey.		

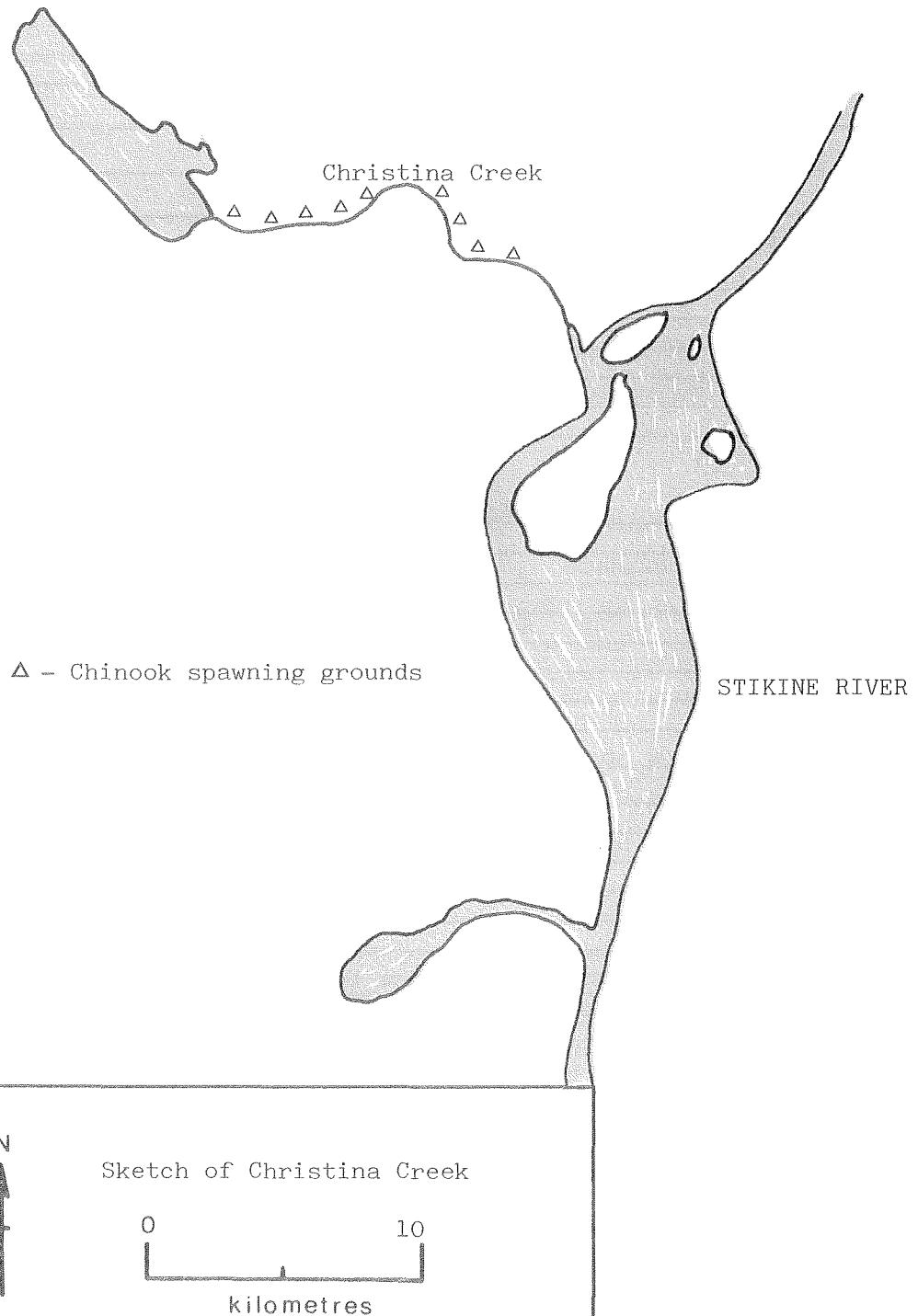
ESCAPEMENT RECORD FOR CHOQUETTE RIVER (Mount Choquette Slough)

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						
80						
81						
82		NONE OBSERVED				
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game



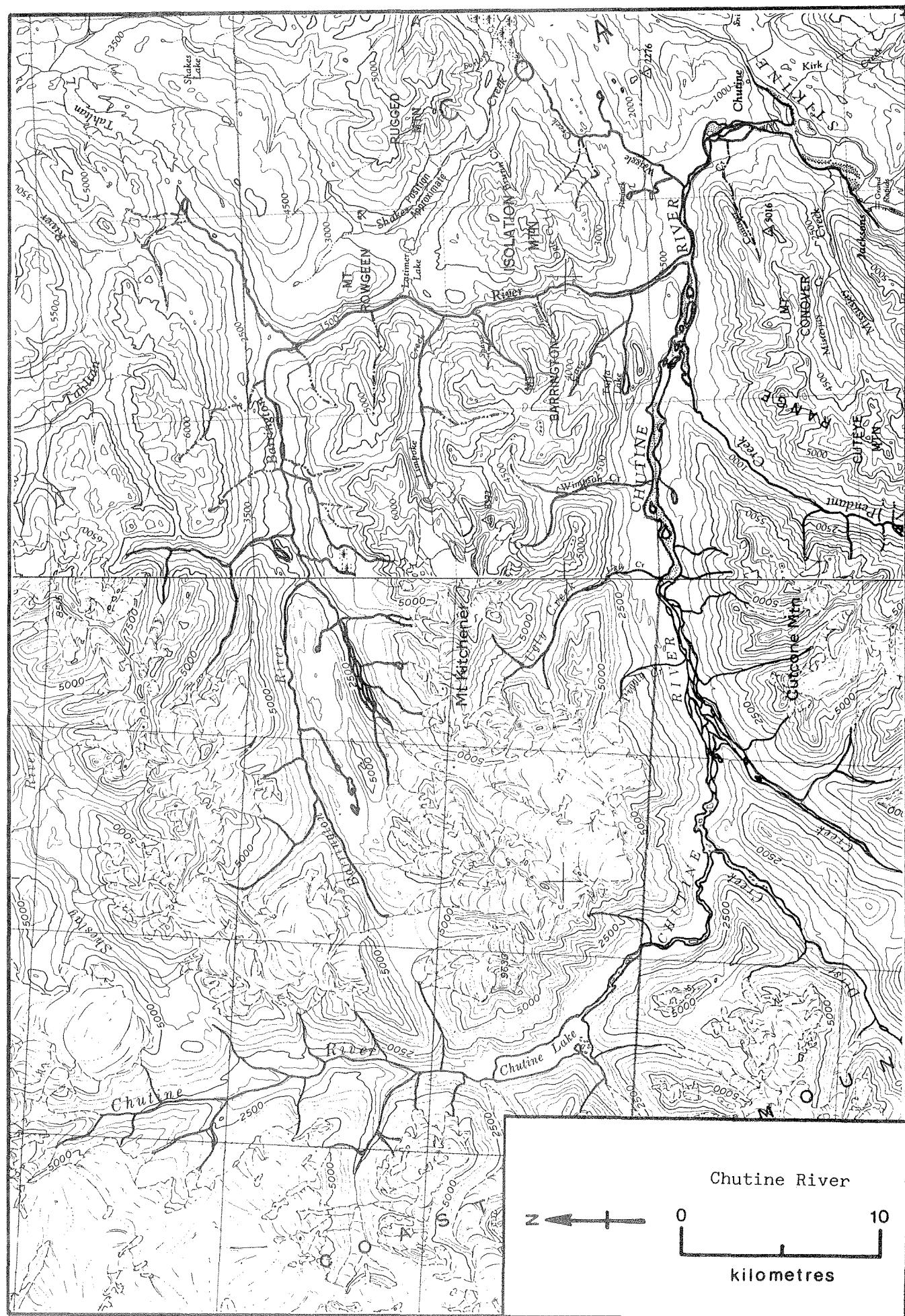
NAME OF STREAM	CHRISTINA CREEK		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Flows East into Stikine River, Cassiar Dist.		
POSITION 57 131 SW.			
LENGTH	8	km	WIDTH _____ m DRAINAGE _____ km ²
COMPOSITION:	BEDROCK	BOULDER	COARSE
SILT & SAND		UNCLASSIFIED	
PERCENT GRADIENT			
0.00 - 0.25			
0.25 - 0.50			
0.50 - 0.75			
0.75 - 1.00			
> 1.00			
WETTED AREA	m ²		
DISCHARGE (m ³ /s)			
TEMPERATURE (°C)			
BARRIERS OR POINTS OF DIFFICULT ASCENT			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			
SPAWNING DISTRIBUTION			
SPECIES		SECTION OF STREAM USED	
SOCKEYE			
CHINOOK	spawning throughout		
COHO			
CHUM			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			
GENERAL REMARKS 1975 Good system runs out of lake. Looks good above the lake also, could have sockeye in the system.			
1980 System passable to above Christina Lake. Very glacial -- not easily surveyed.			
1981 Poor weather prevented sockeye surveys.			
1982 Poor spawning potential although utilized in some years.			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			
Seasonal fluctuations in water levels. Predation 1975, 79 heavy grizzly bears and wolves.			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			



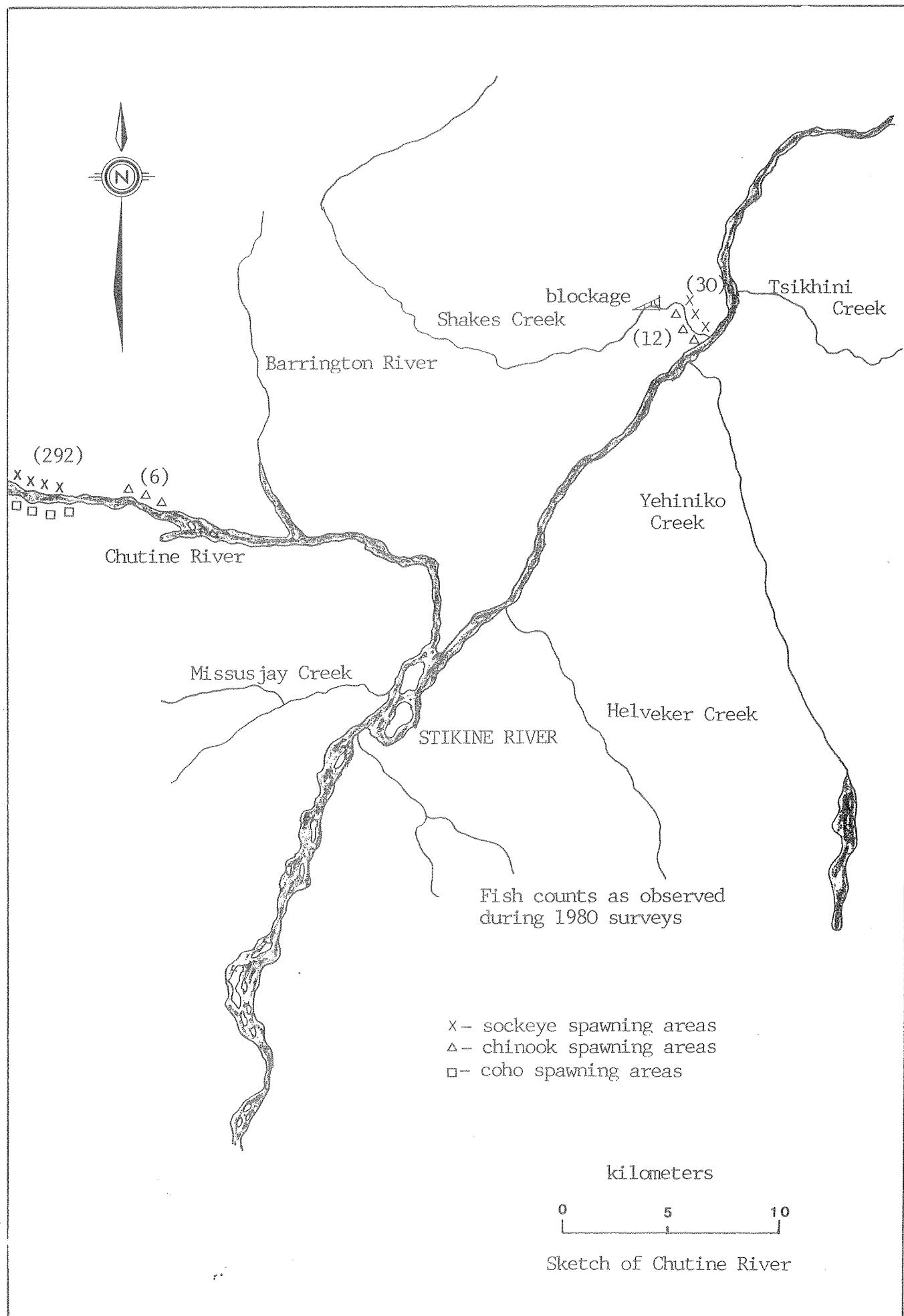
ESCAPEMENT RECORD FOR CHRISTINA CREEK

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		275				
76		N.I.				
77		N.I.				
78		N.I.				
79		N.I.				
80	N.O.	N.O.	N.O.			
81	N.I.	N.I.	N.O.			
82		NONE OBSERVED				
83						
84						
85						
TIMING						
ARRIVE		Jul				
START		Jul				
PEAK		Aug				
END		Aug				

REMARKS 1982 Data collected by Alaska Department of Fish and Game



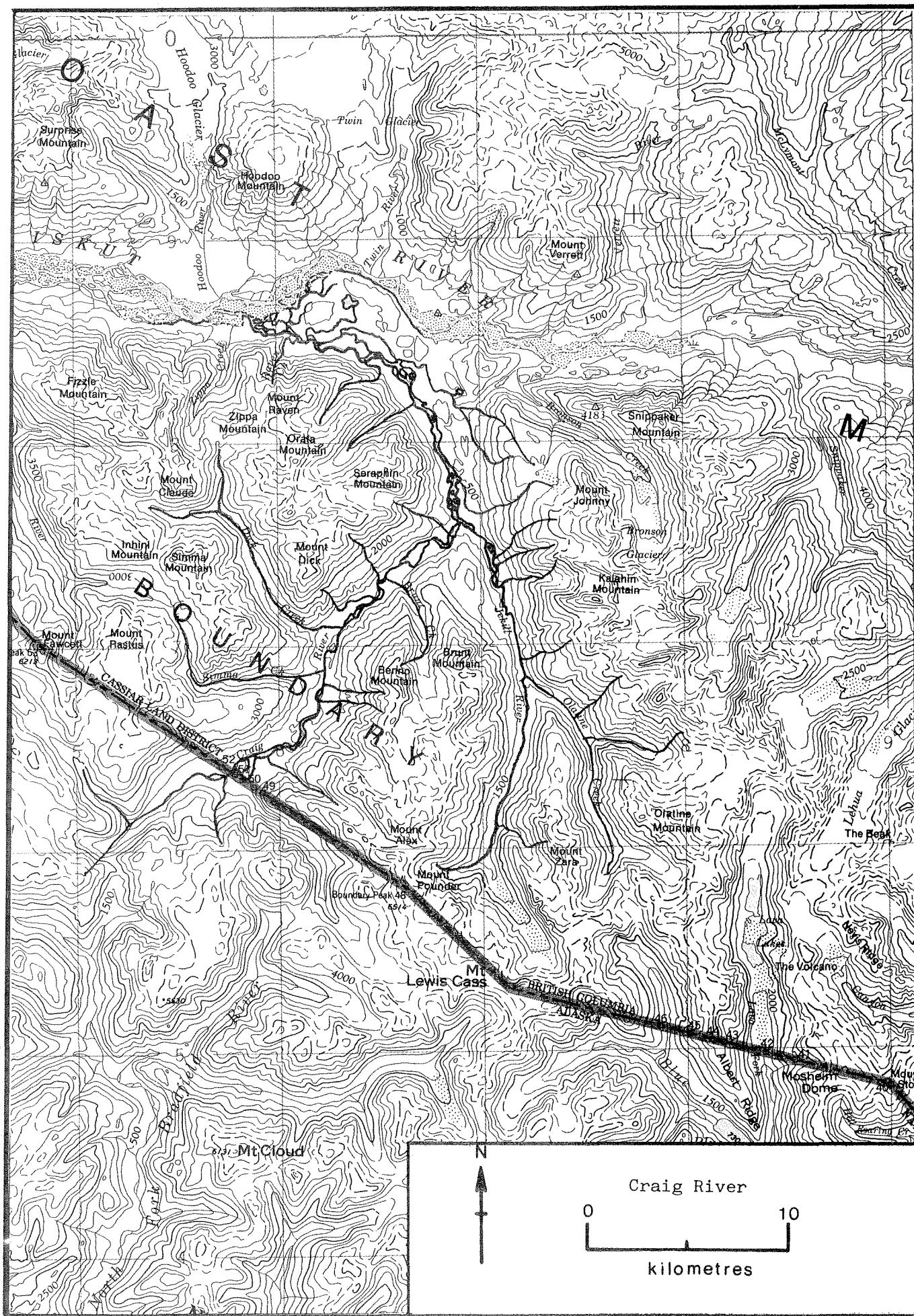
NAME OF STREAM	CHUTINE RIVER (Clearwater River)		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Flows S.E. into Stikine River, Cassiar Dist.		
LENGTH	48	KM	WIDTH _____ m DRAINAGE _____ km ²
COMPOSITION: BEDROCK	BOULDER	COARSE	FINE
SILT & SAND	UNCLASSIFIED		
PERCENT GRADIENT			
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	- in side channels and back sloughs along mainstem above Barrington		
CHINOOK	- unknown River.		
COHO	- in side channels and back sloughs along main river in upper reaches,		
CHUM			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS 1975 Glacial stream with fairly large lake at upper end. No obstructions. Good gravel throughout except at upper end.			
1976,77	Chinook, sockeye and coho were caught at mouth of river -- numbers of spawners unknown. River glacial and silty.		
1980	Excellent side channels and sloughs along main river -- passable to Chutine lake.		
1981	Poor weather conditions prevented sockeye surveys.		
1982	Spawning success for sockeye and coho tend to be erratic from year to year. Side slough and back channel areas very susceptible to fluctuating water conditions.		
Predation : 1980,81 reported numerous bears and eagles.			



ESCAPEMENT RECORD FOR CHUTINE RIVER (Clearwater 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						
73						
74						
75	750	1,500	3,500			
76	UNK	UNK	UNK			
77	UNK	UNK	UNK			
78	-	NOT INSPECTED	-			
79	-	NOT INSPECTED	-			
80	600	6	N.o.			
81	N.I.	N.I.	150			
82	40	N/O	N/O			
83						
84						
85						
TIMING						
ARRIVE	Jul-Aug	Jun	Aug			
START	Jul-Aug	Jun-Jul	Sept			
PEAK	Aug	Jul	Sept-Oct			
END	Aug-Sept	Aug	Oct-Nov			

REMARKS 1982 Data collected by Alaska Department of Fish and Game



NAME OF STREAM CRAIG RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows N.W. into Iskut River, Cassiar Dist.
POSITION 56 131 NW.
 LENGTH 24 km WIDTH m DRAINAGE km²
 COMPOSITION: BEDROCK BOULDER COARSE FINE
SILT & SAND UNCLASSIFIED

PERCENT GRADIENT

<u>0.00 - 0.25</u>
<u>0.25 - 0.50</u>
<u>0.50 - 0.75</u>
<u>0.75 - 1.00</u>
<u>> 1.00</u>

WETTED AREA m² SPAWNING AREA m²DISCHARGE (m³/s) TEMPERATURE (°C) BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	majority believed to spawn above junction of Craig and Jekill River.
CHINOOK	below Can. U.S.border.
COHO	above junction of Craig and Jekill River below Can. U.S.border.
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

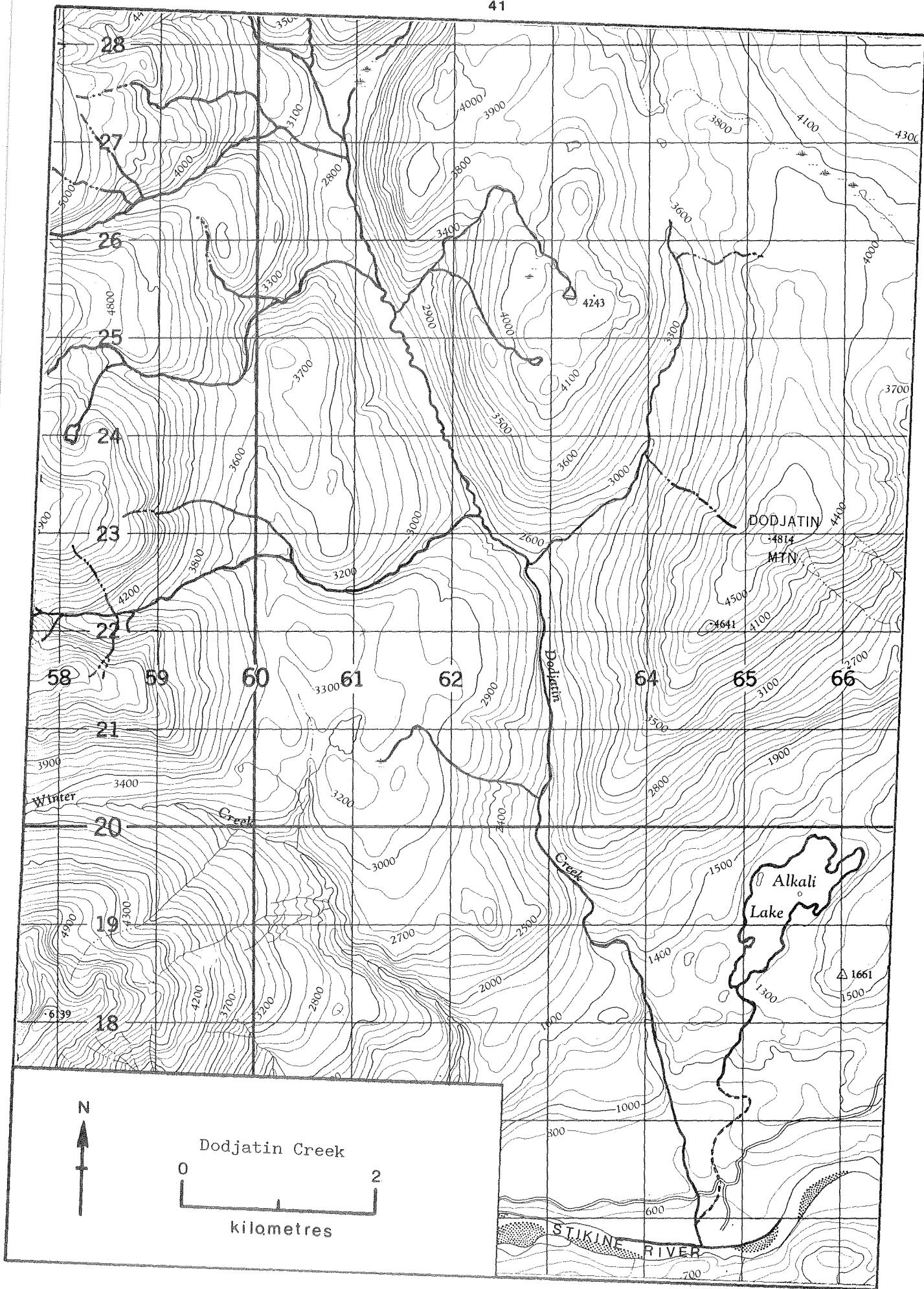
GENERAL REMARKS 1975 Good stream with good gravel -- 48-64km.
1976 Good coho river.
1980 Sockeye spawning is possibly earlier than in other streams in Stikine/Iskut watershed.
1981 Coho counts appear very low in relation to available spawning area.
1982 Good spawning habitat, but few fish seen.

Normal water levels -- predation by bears and birds reported in 1980,81,82.

ESCAPEMENT RECORD FOR CRAIG 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						
73						
74						
75	1,000		400			
76		NOT INSPECTED				
77		-				
78		-				
79		-				
80	12		N.O.			
81	N.I.		50			
82	4		-			
83						
84						
85						
TIMING						
ARRIVE	Jul-Aug	Jul	Aug-Sept			
START	Jul-Aug	Jul	Aug-Oct			
PEAK	Jul-Aug	Jul	Sept-Oct			
END	Aug-Sept	Jul	Sept-Nov			

REMARKS 1982 Data collected by Alaska Department of Fish and Game



NAME OF STREAM DODJATIN CREEK

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows S. into Stikine River, E. of Winter Creek, Cassiar Dist.

POSITION 57 131 NE.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

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

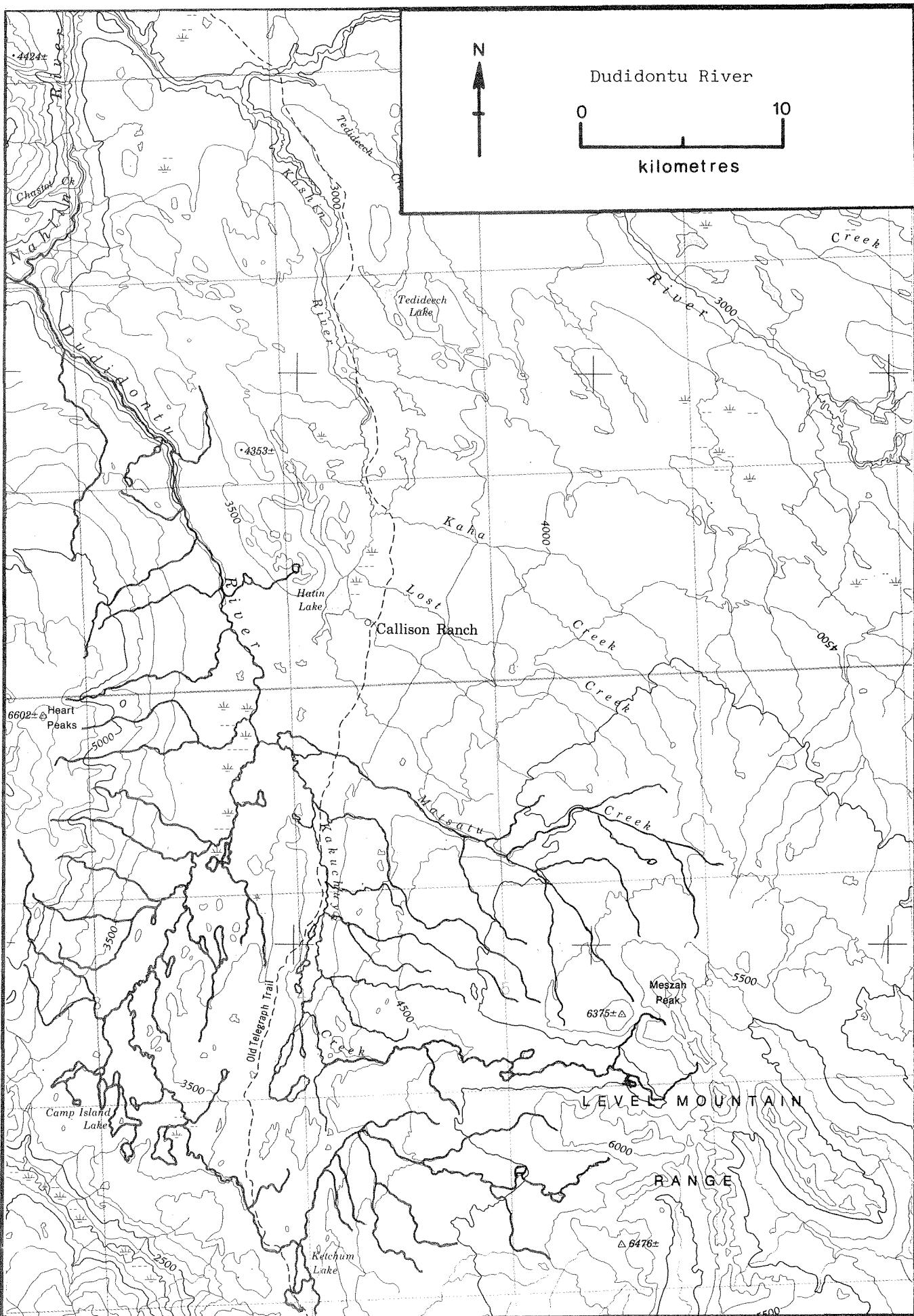
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS Very sporadic salmon producer. Normal water levels.

ESCAPEMENT RECORD FOR DODJATIN 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						
80						
81						
82	1				16	
83						
84						
85						
TIMING						
ARRIVE	Jul				Jul	
START	Aug				Aug	
PEAK	Aug				Aug	
END	Aug				Aug	

REMARKS



NAME OF STREAM DUDIDONTU RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130
 LOCATION OF MOUTH Flows N. into Nahlin River, Cassiar Dist.

POSITION 58 131 NW.

LENGTH 70 km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

1974 Rock slides from canyon walls approx 11km, from mouth. Recommend removal.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- upper end of river
CHINOOK	- dispersed over 20km of upper river and upstream of canyon.
COHO	
CHUM	
PINK (ODD YEAR)	- upper river
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

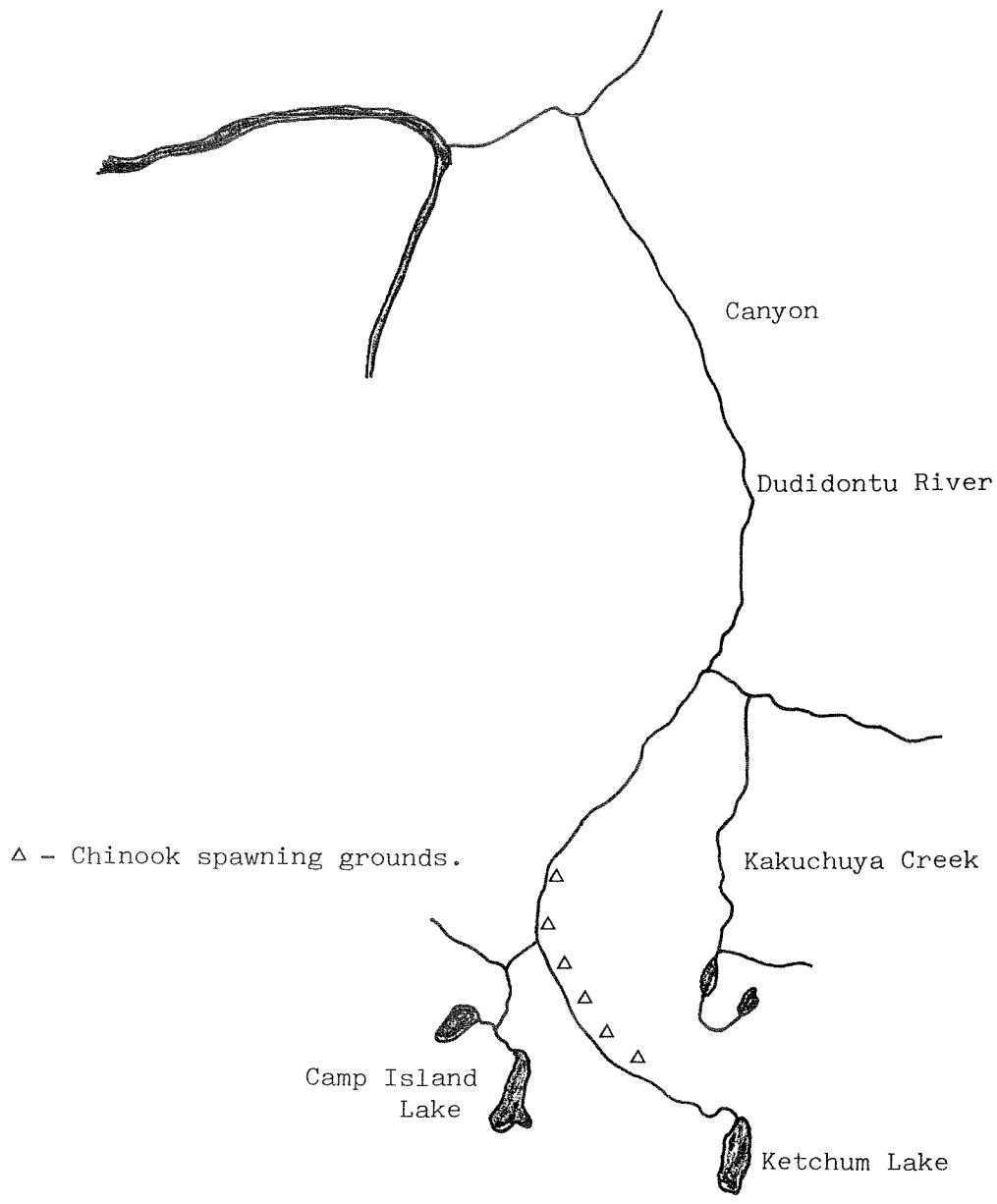
GENERAL REMARKS 1971 A very good spawning river for chinook and pinks.

Could support a much larger run.

1972 Good spawning river in upper area.

1977 Approx 3.2 km was flown -- not the whole river.

1971/74 reported predation by bears and eagles. 1975/82, light predation.
seasonal fluctuations in water levels.



Sketch of Dudidontu River
0 10
kilometres

ESCAPEMENT RECORD FOR DUDIDONTU 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		200				
72	75	200			UNK	
73		200				
74		200				
75		25				
76		40				
77		18				
78		N.I.				
79		UNK				
80		200				
81		200				
82		200				
83						
84						
85						
TIMING						
ARRIVE	Jul	Jul			Jul	
START	Aug	Jul-Aug			Jul	
PEAK	Aug	Jul-Aug			Aug	
END	Aug	Aug			Aug	

REMARKS 1973, 1976/77, 1981 Data collected by Alaska Department of Fish and Game
 1975 American Count in Aug - 153 pieces.



NAME OF STREAM FLANNIGAN SLOUGH
 (Slough by Tulsequah)

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130

LOCATION OF MOUTH Flows into Taku River

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²

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 _____ m² SPAWNING AREA _____ m²

DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION NO RECORDS.

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

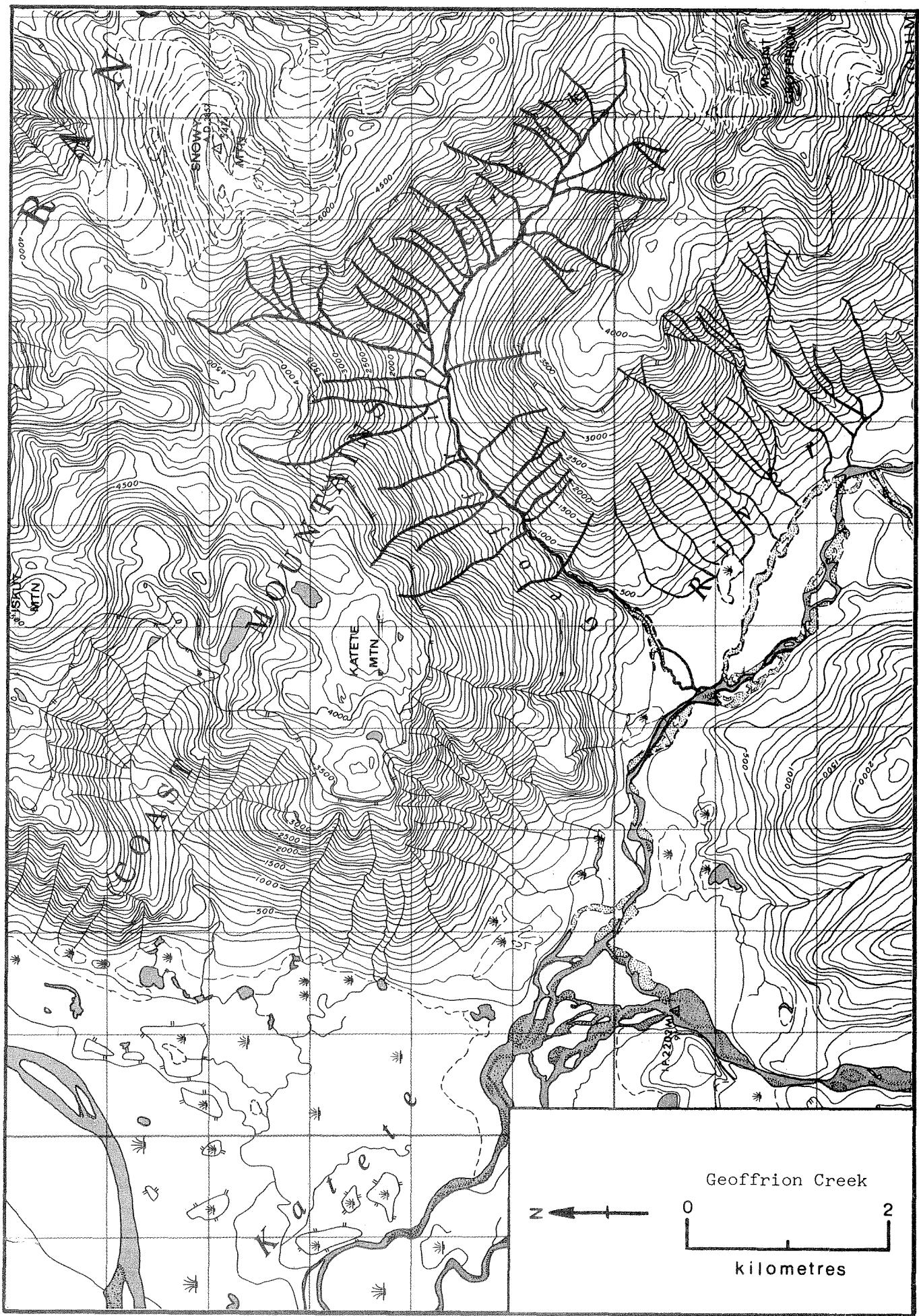
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS This slough was discovered in 1976 by Alaska Fish and Game Dept.
 It is approximately one mile west of Tulsequah. In 1976 there were approx 10,000 chums in it.

ESCAPEMENT RECORD FOR FLANNIGAN SLOUGH (Slough by Tulsequa)

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				10,000		
77				8,000		
78				-		
79				-		
80				-		
81				-		
82				-		
83				-		
84				-		
85				-		
TIMING						
ARRIVE						
START					Aug	
PEAK					Sept	
END					Oct	

REMARKS _____



NAME OF STREAM	GEOFFRION CREEK		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Flows SW. into Katete R. E. of Katete Mtn. Cassiar Dist.		
POSITION 56 131 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			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS FIRST REPORT.			
Water levels normal during spawning surveys.			

ESCAPEMENT RECORD FOR GEOFFRION 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						
80						
81						
82			279			
83						
84						
85						
TIMING						
ARRIVE				Sept		
START				Oct		
PEAK				Oct		
END				Nov		

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM GOAT CREEK
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130

LOCATION OF MOUTH Flows into Tatshenshini River

POSITION 59 136 NE

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

1979 passable up to 5km

1980,81,82 impassable rock falls at 3km

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- near confluence of Tatshenshini and Goat.
CHINOOK	- scattered evenly up to base of canyon.
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1979 Extremely heavy sport fishing pressure, will have to be closely monitored.

1980 Heavy poaching.

1979 Water levels normal to high during June and August.

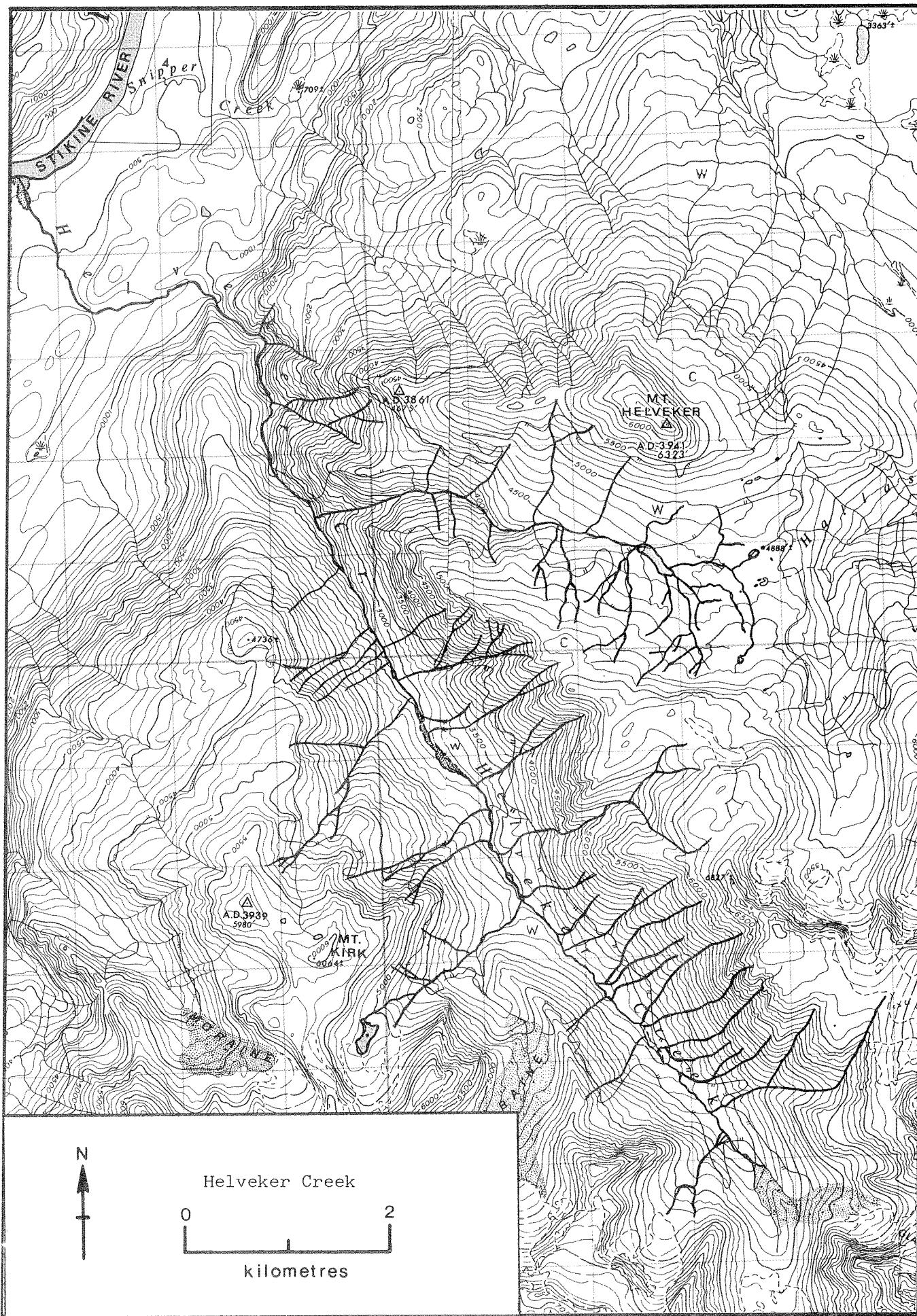
low during Sept. and Oct.

1980/82 Normal seasonal fluctuation in water levels.

ESCAPEMENT RECORD FOR GOAT CREEK

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
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62						
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69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79		150				
80		100				
81		450				
82	400	200				
83						
84						
85						
TIMING						
ARRIVE	Jul	Jul				
START	Aug	Jul				
PEAK	Sept	Aug				
END	Sept	Aug				

REMARKS _____



PERCENT GRADIENT

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

WETTED AREA _____ m² SPAWNING AREA _____ m²

DISCHARGE (m^3/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

Digitized by srujanika@gmail.com

SPawning Distribution

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

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

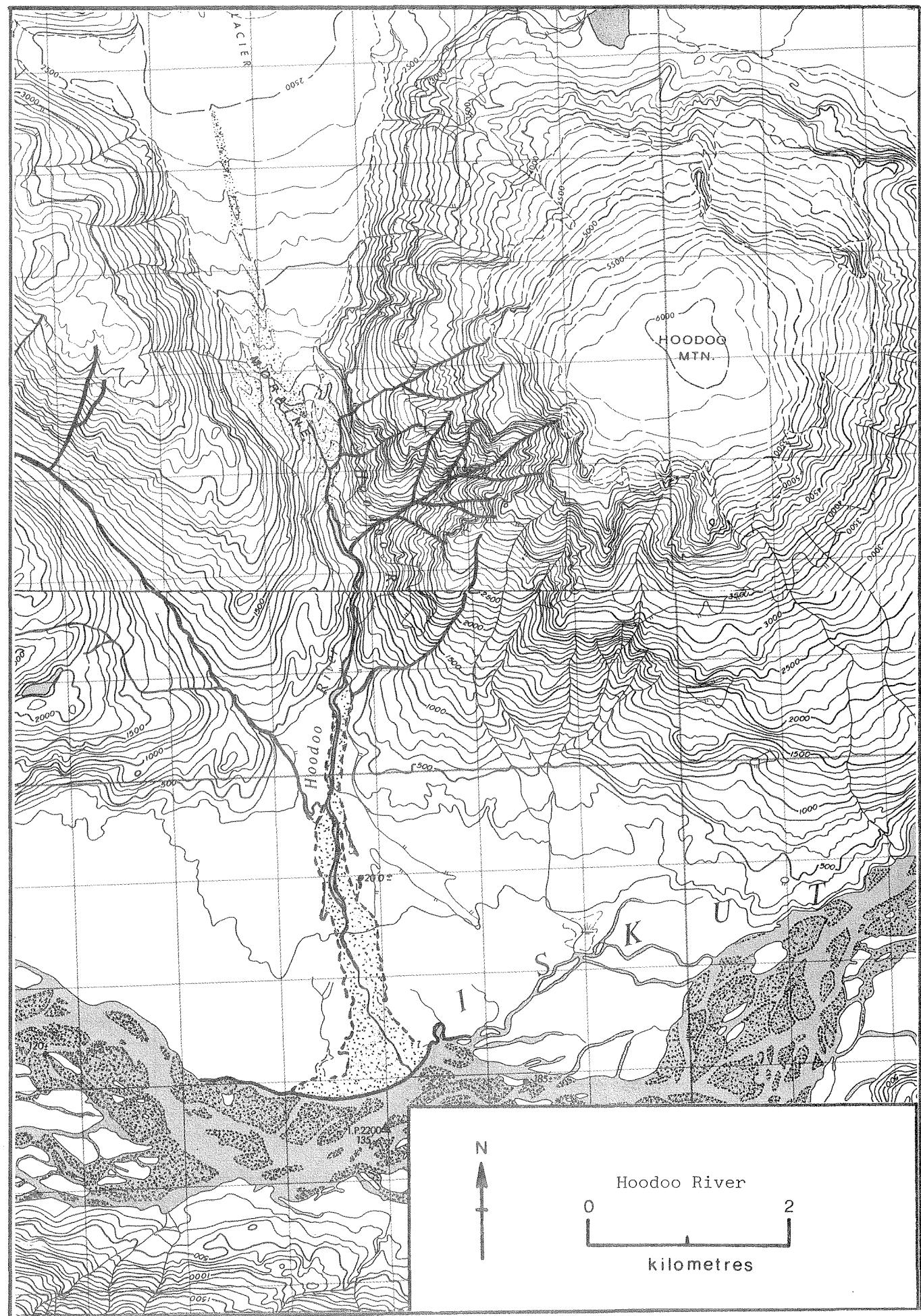
GENERAL REMARKS Poor salmon producer. Glacial stream.

No fish seen in survey. Distribution over lower 1 km in peak years.

ESCAPEMENT RECORD FOR HELVEKER 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						
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69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82	N.O.				N.O.	
83						
84						
85						
TIMING						
ARRIVE	-					-
START	-					-
PEAK	-					-
END	-					-

REMARKS



NAME OF STREAM HOODOO RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows S. into Iskut River, W. of Twin River, Cassiar Dist.
POSITION 56 131 NE.
 LENGTH km WIDTH m DRAINAGE km²
 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 m² SPAWNING AREA m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

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

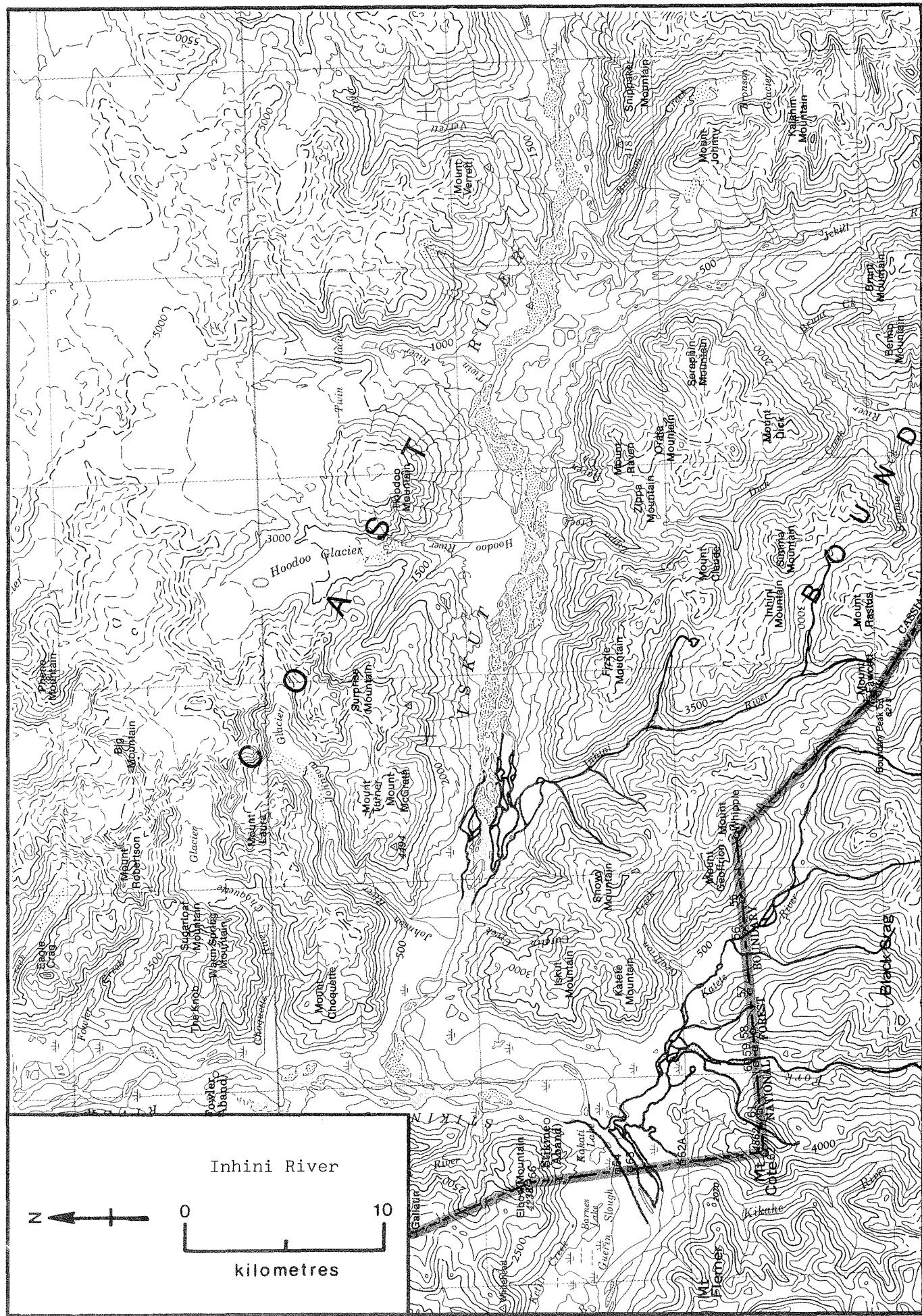
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

_____GENERAL REMARKS Water levels normal during survey. Visibility good to poor.
No fish seen.

ESCAPEMENT RECORD FOR HOODOO 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						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82		NONE OBSERVED				
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM INHINI RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows NW. into Iskut River, Cassiar Dist.

POSITION 56 131 NW.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION No data given.

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

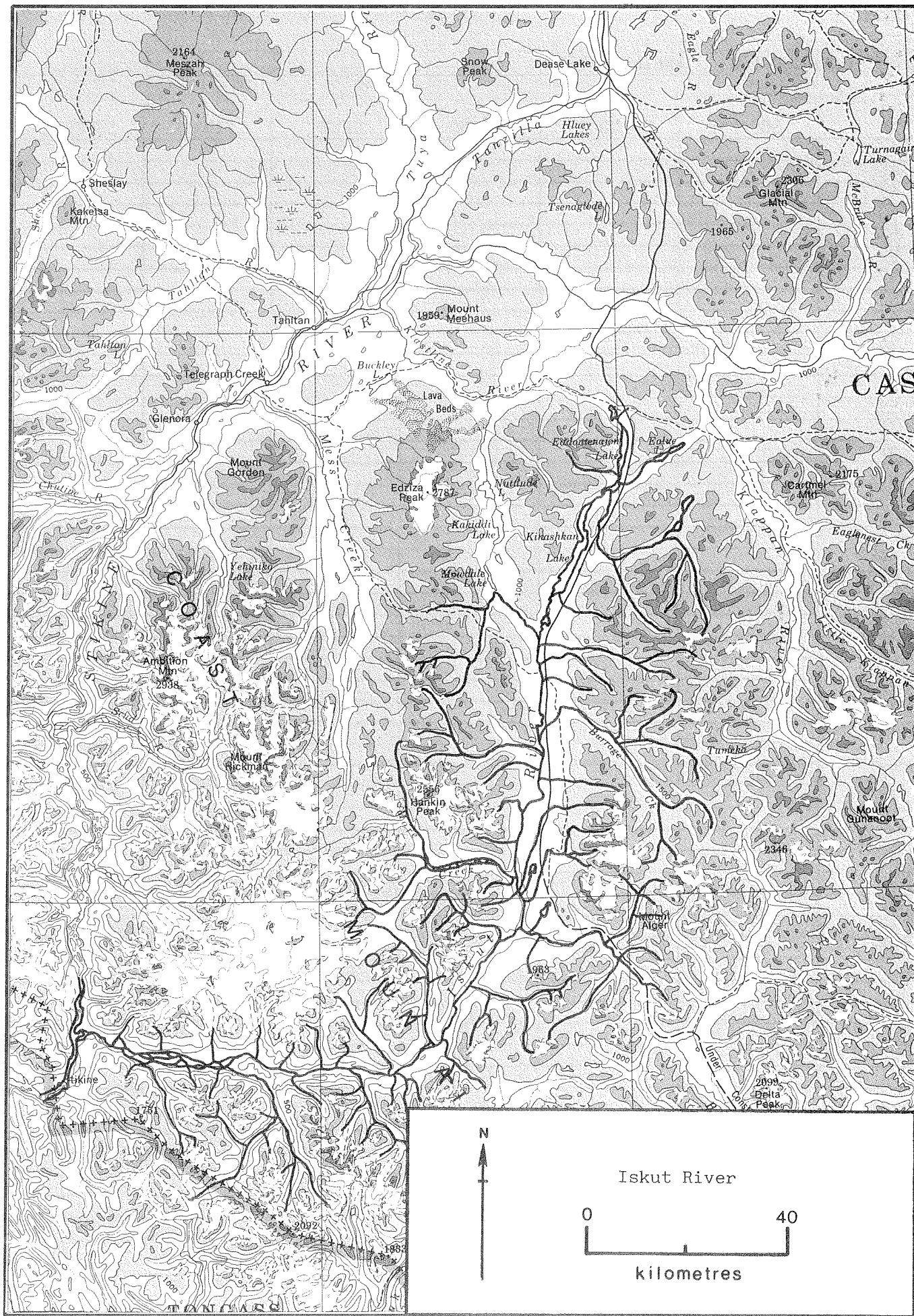
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS Normal water conditions during survey.

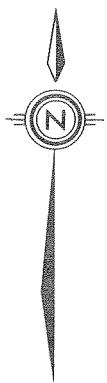
ESCAPEMENT RECORD FOR INHINI RIVER

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						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82			18			
83						
84						
85						
TIMING						
ARRIVE				Sept		
START				Oct		
PEAK				Oct		
END				Nov		

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM	ISKUT RIVER AND TRIBUTARIES			
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120	
LOCATION OF MOUTH	Flows SW. into Stikine River, Cassiar Dist.			
POSITION 56 131 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	Impassable canyon and falls at 48km			
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>				
SPAWNING DISTRIBUTION				
SPECIES		SECTION OF STREAM USED		
SOCKEYE		- side sloughs and back channels from confluence to canyon		
CHINOOK				
COHO		- in sloughs North of Water Survey Station at Johnson River		
CHUM				
PINK (ODD YEAR)				
PINK (EVEN YEAR)				
STEELHEAD				
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>				
POTENTIAL OF INACCESSIBLE PORTION OF STREAM				
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>				
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>				
GENERAL REMARKS 1980/81 Back channels and side sloughs against the valley walls appear to be extremely productive. Fish observed behind beaver dams and in sloughs that had been isolated from main river by falling water levels.				
1981 Excellent coho spawning observed in sloughs north of water survey station at Johnson River.				
1982 Spawning activity and success appears to be quite erratic from year to year.				
Predation: 1980 numerous bears and eagles.				
1981 bears, birds and seals.				
Seasonal fluctuations in water levels.				
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>				



X - sockeye spawning areas
 □ - coho spawning areas

Forrest Kerr Creek

Verrett River

ISKUT RIVER

Blockage

Raven Creek

(50) (2000)
(11)

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

Fish counts as observed
during 1980 surveys

Snippaker Creek

Craig River

redds

Jekill River

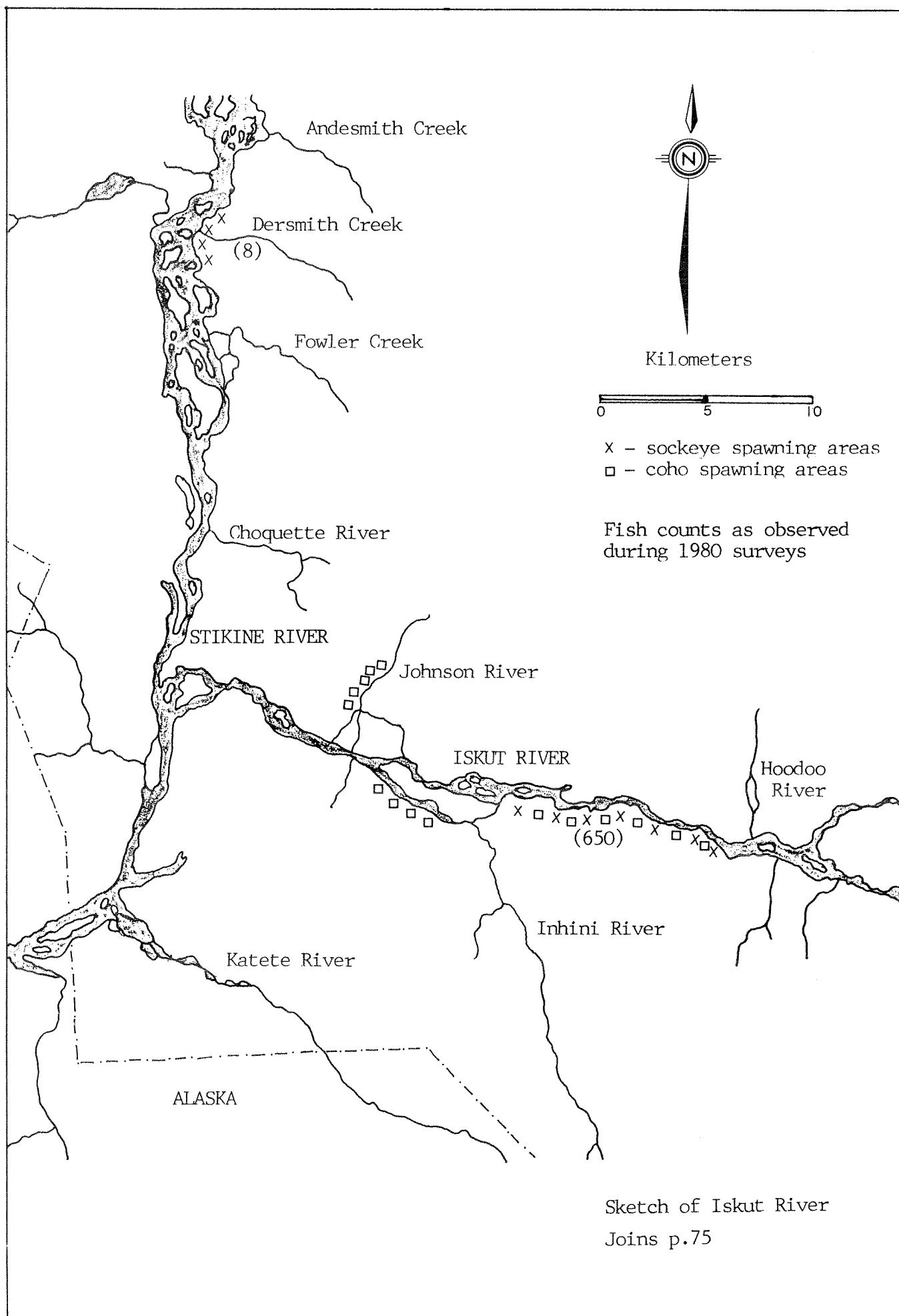
redds
(12)

Sketch of Iskut River

Joins p. 77 1980

kilometers

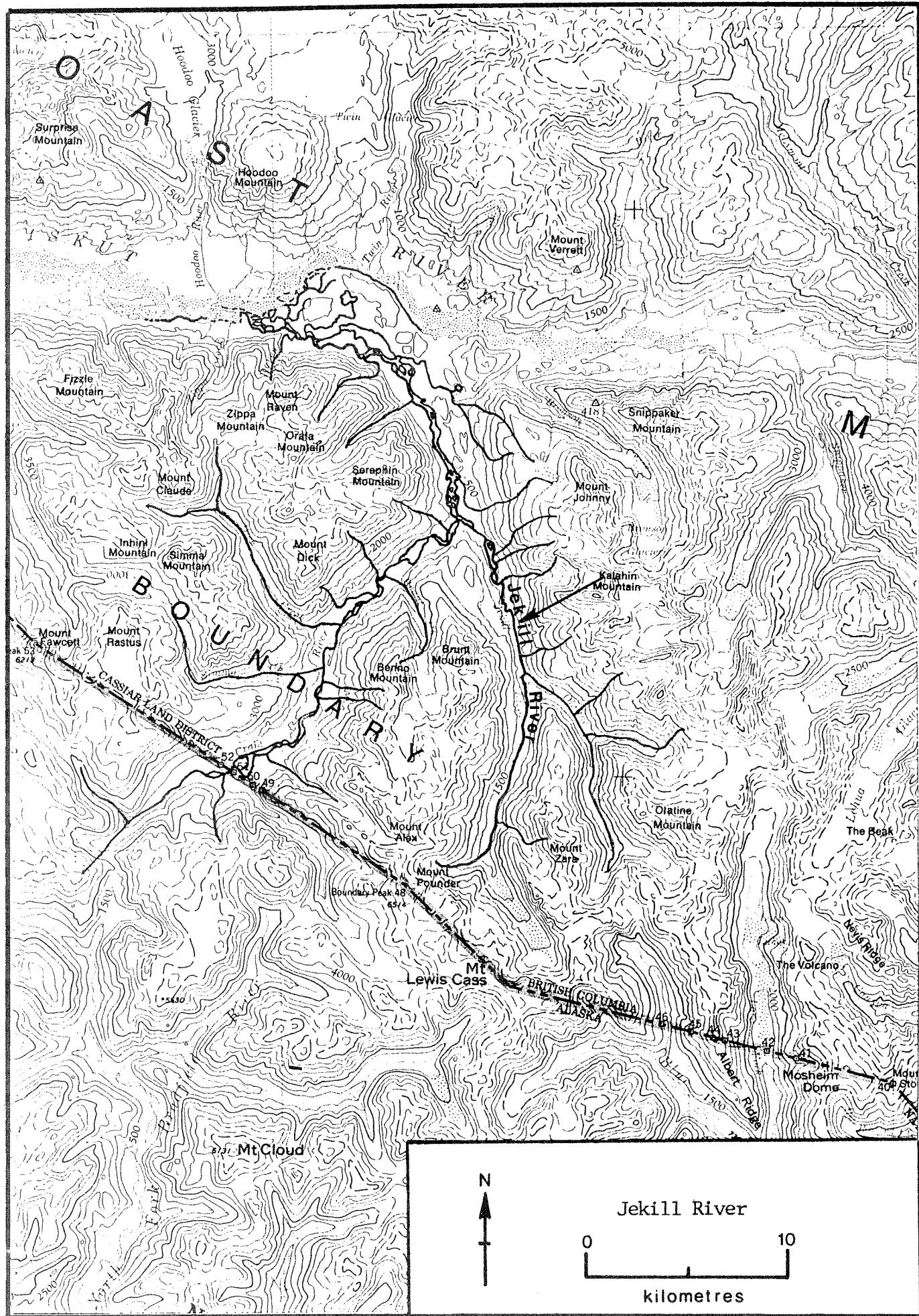
0 5 10



ESCAPEMENT RECORD FOR ISKUT RIVER (Mainstem) AND TRIBUTARIES

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		290	2,775			
78		NOT INSPECTED				
79		NOT INSPECTED				
80	6,000		-			
81	N.I.		1,600			
82		NONE OBSERVED				
83						
84						
85						
TIMING						
ARRIVE	Jul	Jul	Sept			
START	Jul	Jul	Oct			
PEAK	Aug	Aug	Nov			
END	Sept	Aug	Nov			

REMARKS 1977 and 1982 Data collected by Alaska Department of Fish and Game



NAME OF STREAM JEKILL RIVER

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows N. into Craig River, Cassiar Dist.

POSITION 56 131 SE.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT Impassable velocity barrier at 13km from mouth.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- at confluence of river in sloughs.
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1980 Good gravel from mouth to canyon. Sockeye believed to be an earlier run than in other areas.

1981 Extremely low water levels during October might indicate that this system has been previously over rated as potential coho spawning area. Sockeye counts not carried out due to weather conditions.

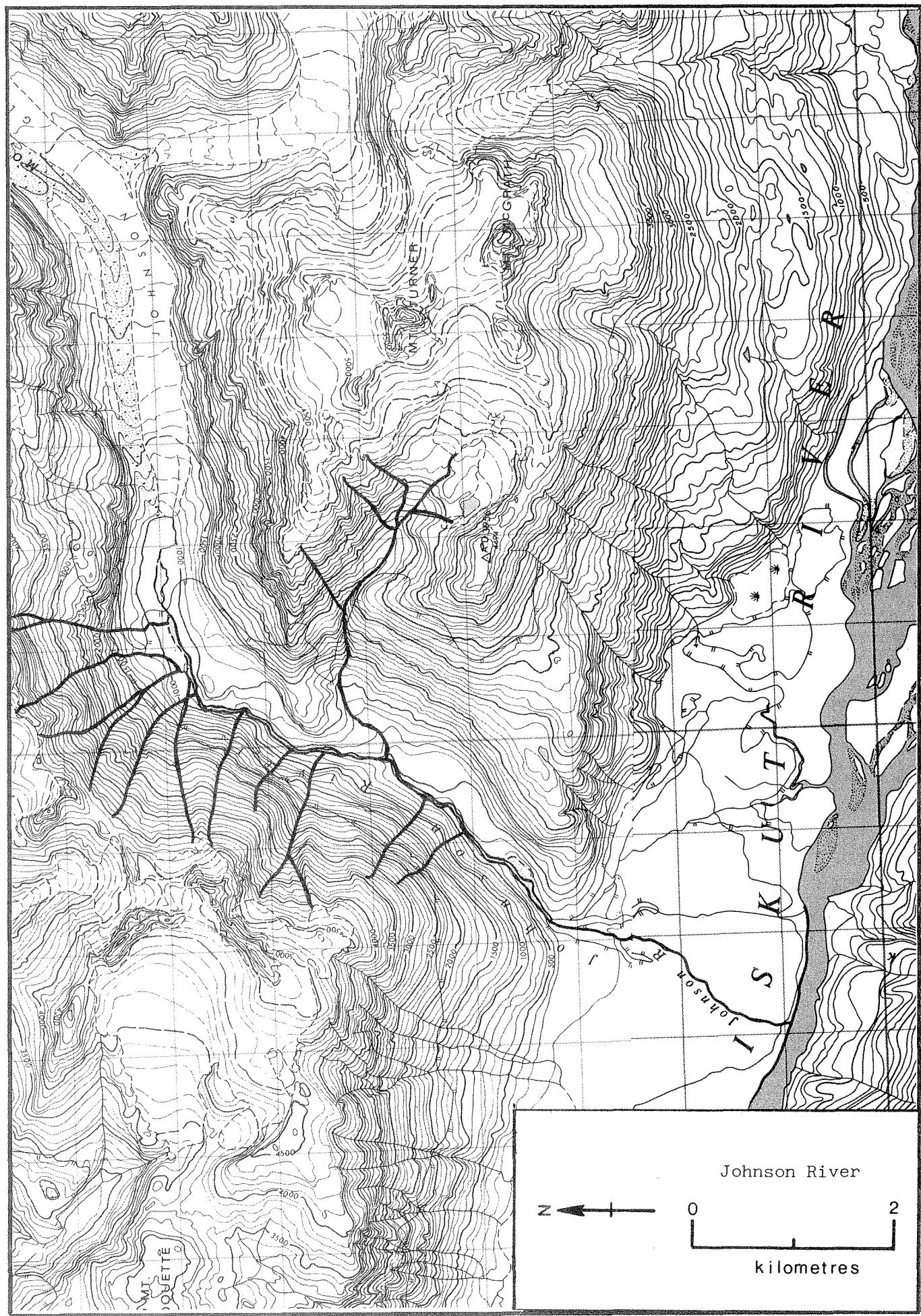
1982 Very erratic producer -- affected by widely fluctuating water levels.

Seasonal fluctuations in water levels.

ESCAPEMENT RECORD FOR JEKILL RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
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56						
57						
58						
59						
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61						
62						
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72						
73						
74						
75						
76						
77						
78						
79						
80	N.O.					
81	N.I.		50			
82			29			
83						
84						
85						
TIMING						
ARRIVE			Aug-Sept			
START			Sept-Oct			
PEAK			Oct			
END			Nov			

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM JOHNSON RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows S. into Iskut River, W. of Mt. McGrath, Cassiar Dist.
POSITION 56 131 NW.
 LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²
 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 _____ m² SPAWNING AREA _____ m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

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

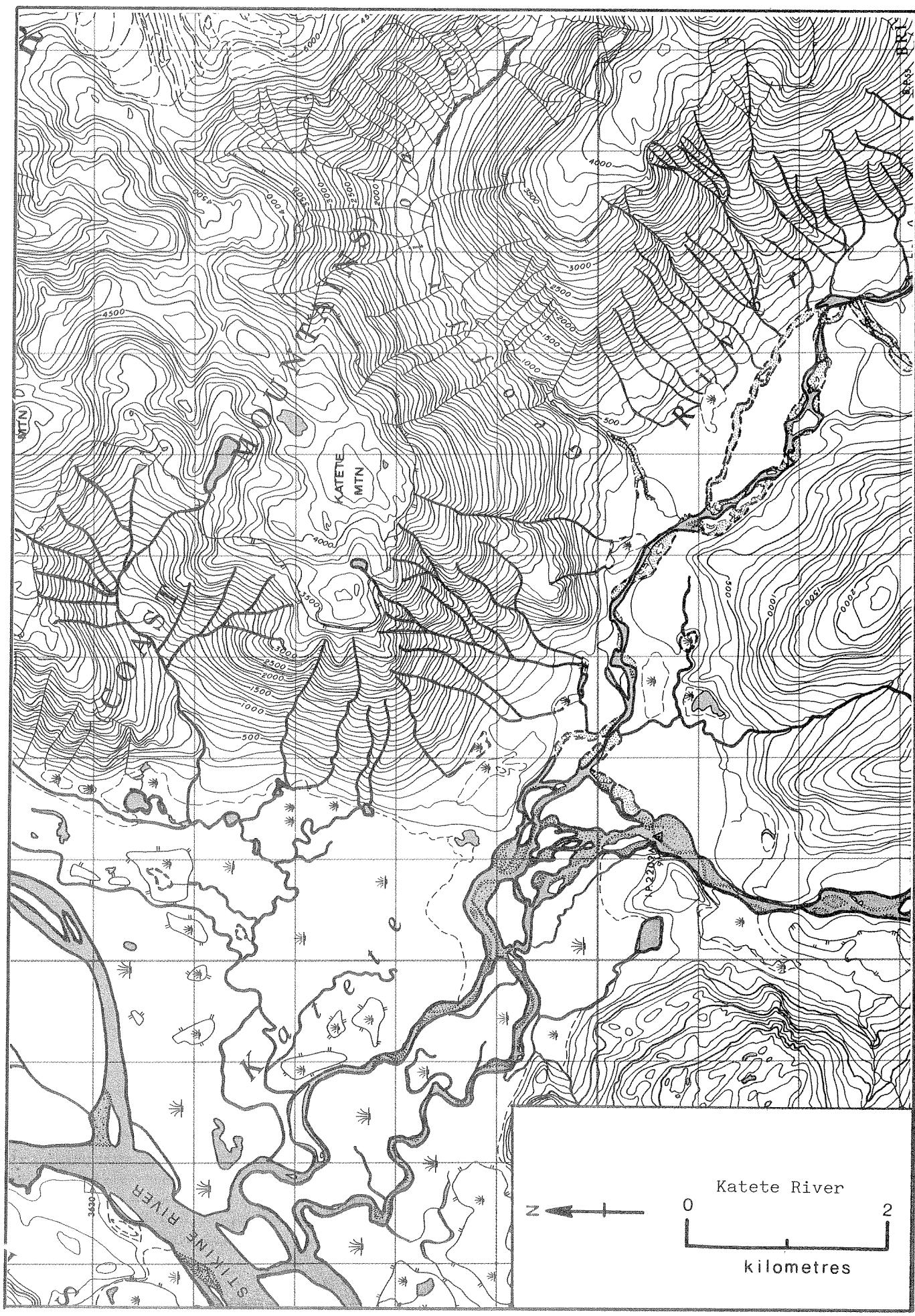
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

 _____GENERAL REMARKS No fish seen. Water levels normal during spawning survey.

ESCAPEMENT RECORD FOR JOHNSON RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
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80						
81						
82		N/O				
83						
84						
85						
TIMING						
ARRIVE		-				
START		-				
PEAK		-				
END		-				

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM KATETE RIVER

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows NW. into Stikine River, S. of Iskut River, Cassiar Dist.

POSITION 56 131 NW.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²

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 _____ m² SPAWNING AREA _____ m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION Too few fish seen to be significant.

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

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS Stream is partially glacial.

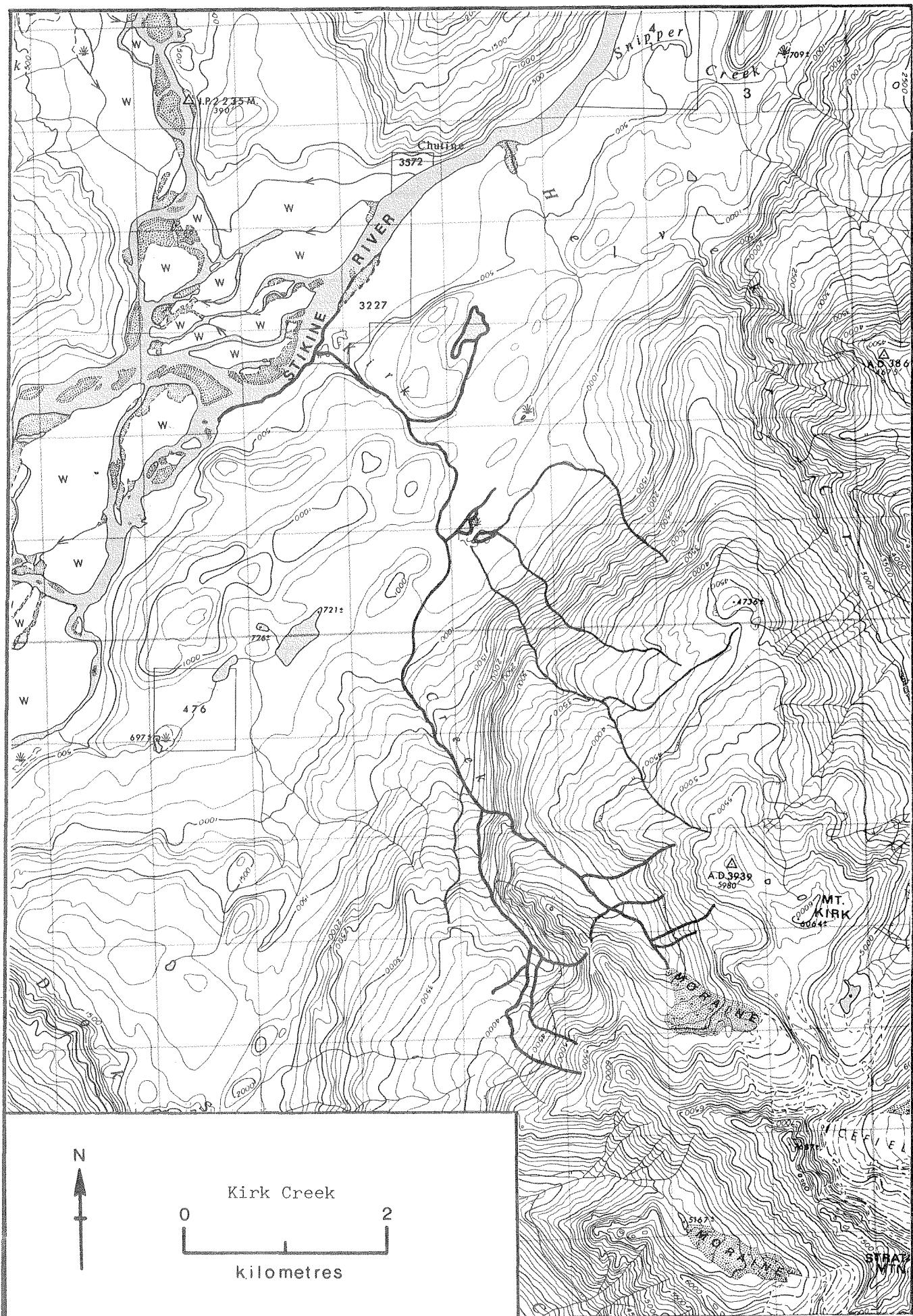
High water levels noted during chinook survey, normal
levels during coho survey.

Predators: bears and birds.

ESCAPEMENT RECORD FOR KATETE 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						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82	16	50				
83						
84						
85						
TIMING						
ARRIVE	Jul	Sept				
START	L Jul	L Sept				
PEAK	E Aug	Oct				
END	L Aug	Nov				

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM KIRK CREEK
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows NW. into Stikine River, N. of Jacksons Landing, Cassiar Dist.
 POSITION 57 131 NW.
 LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²
 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 _____ m² SPAWNING AREA _____ m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	in lower 1 km only
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

 _____GENERAL REMARKS Marginal salmon producer only in peak years

ESCAPEMENT RECORD FOR KIRK 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						
80						
81						
82	4				N/O	
83						
84						
85						
TIMING						
ARRIVE	Jul					
START	Aug					
PEAK	Aug					
END	Aug					

REMARKS



NAME OF STREAM	KLUKSHU RIVER AND LAKE		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 130
LOCATION OF MOUTH	Flows into Tatshenshini River		
LENGTH	30	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	- on gravel fans in Kluksu Lake and in area of the "ponds"		
CHINOOK	- on available gravel in river and downstream from culvert.		
COHO	- throughout river.		
CHUM			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS			
1971 Chinook spawning during high water. Culvert on highway should be rip-rapped at lower end -- 35cm drop with low water conditions poses a problem for coho and sockeye.			
1972 Indian Food Fishery takes approx 400 - 500 sockeye. One of the better chinook rivers in the district with 45-50 chinook present.			
1974 Heavy sport fishery on chinook early in the year. Native residents at Kluksu village estimate approx 8000 sockeye taken this year.			
1975 Heavy sports pressure in July and August during chinook run -- native sockeye catch was poor mainly because run was late due to high water conditions.			
1976 Indian Food fishery took approx 4,000 sockeye and 1 - 200 chinook.			

continued....

continuation.

KLUKSHU RIVER AND LAKE

- 1977 Indian Food Fishery took approx. 10,000 sockeye and 350 chinook. Sport fishery took 200 sockeye, 70 chinook and 130 coho.
- 1978 Coho run was just beginning when fence was pulled on October 8. Total number of coho unknown, but based on past years and the American Commercial fishery in Dry Bay, there should be at least 3000 to the Kluukshu. There is a very active Indian Food Fishery and Sport Fishery on the system.
- 1979 Very heavy sport and Native Food Fishery will have to be closely monitored.

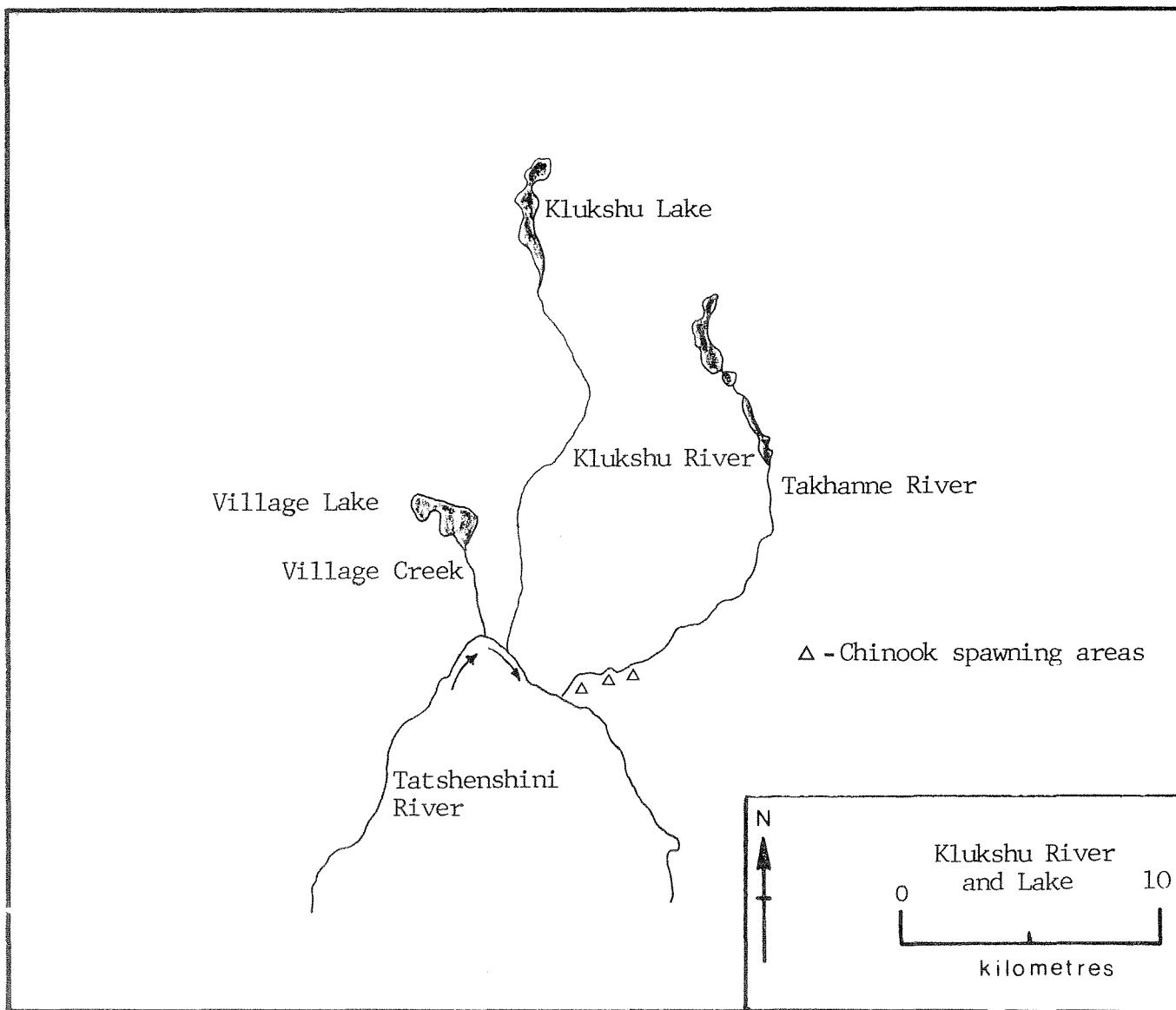
Predation: bears, eagles and some poaching.

Water levels: 1972 extremely high in July and August.

1975 high in June and July

1980,81,82 high in Jun. and July, normal in Sept. and Oct.

otherwise normal seasonal fluctuations.



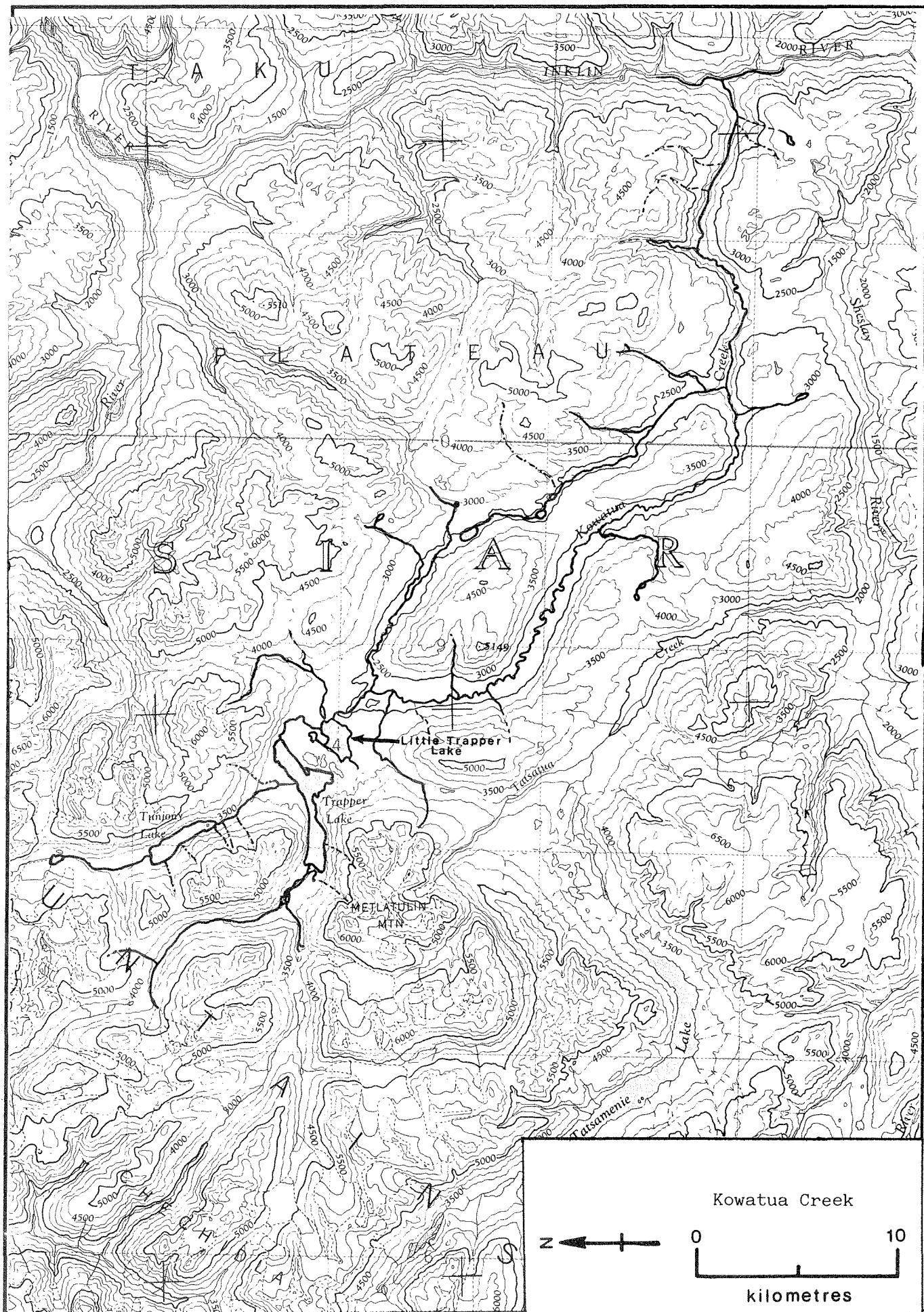
ESCAPEMENT RECORD FOR KLUKSHU RIVER AND LAKE

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	8,000	1,000	1,500			
67	1,500	1,500	750			
68	3,500	1,500	750			
69	3,500	750	1,500			
70	3,500	400	750			
71	7,500	200	400			
72	950	1,500	750			
73	1,500	750	400			
74	2,000	500	700			
75	750	400	750			
76	11,691	1,278	1,600			
77	26,791	3,144	2,758			
78	26,867	2,976	30*			
79	3,000	2,500	200			
80	10,000	2,200	400			
81	18,000	2,000	1,500			
82	28,000	1,800	300			
83						
84						
85						
TIMING						
ARRIVE	Jun-Aug	H-Jun	L Aug-Sept			
START	Jun-Sept	Jun-Jul	Sept-Oct			
PEAK	Sept	Jul	Oct			
END	Sep-Oct	Aug-Sept	Oct-Nov			

REMARKS 1978. Coho were just starting to arrive when fence was pulled, Oct 8.

1973. These figures have been compiled from the brood year figures and Indian food catch figures along with one foot survey done in July.

1982. fence enumeration all season.



NAME OF STREAM KOWATUA RIVER

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130

LOCATION OF MOUTH Flows N. into Inklin River, Cassiar Dist.

POSITION 58 132 NE.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

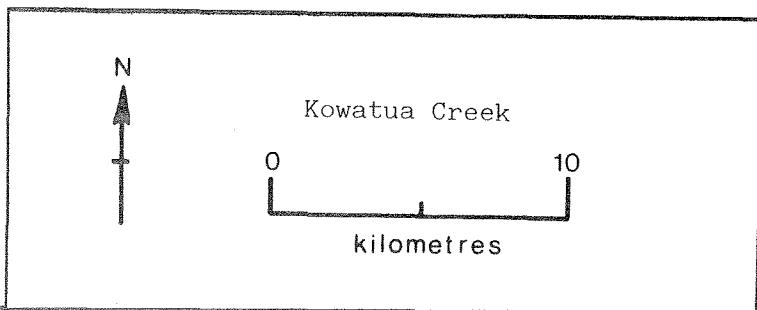
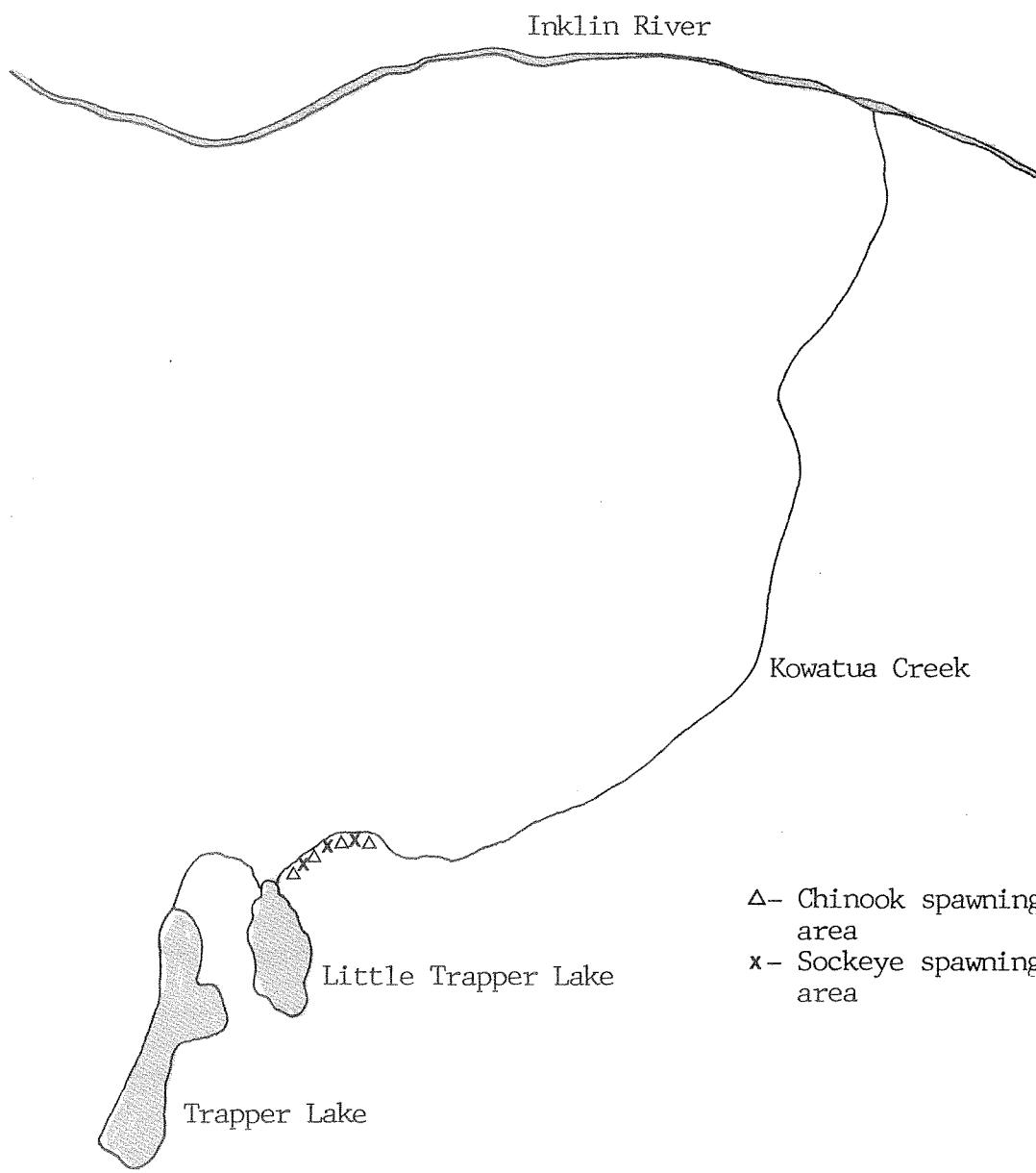
BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- in upper river, near Little Trapper Lake.
CHINOOK	- in upper 16-24km of river, near Little Trapper Lake.
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS 1971/72 Glacial stream --quite milky early in the year.1975 Good chinook run, too early for coho.Predation: Grizzly bears, Dolly Varden Trout and Eagles.



ESCAPEMENT RECORD FOR KOWATUA 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	1,500	1,500				
72	400	200				
73	25	75				
74	Figs included in (Little Trapper Lake)					
75	25	750				
76		341				
77		250				
78						
79	Figs included in Little Trapper Lake					
80						
81						
82						
83						
84						
85						
TIMING						
ARRIVE	Jul-M Aug	Jul				
START	Jul-Aug	Jul-Aug				
PEAK	Aug	Aug				
END	L Aug-Sept	L-Aug-Sept				

REMARKS 1973 Data collected by Alaska Department of Fish and Game



NAME OF STREAM KUTHAI LAKE (Silver Salmon L.)
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130
 LOCATION OF MOUTH Flows East into Silver Salmon River, S. of Dixie Lake, Cassiar Dist.
 POSITION 59 133 SE.
 LENGTH 40 km WIDTH m DRAINAGE km²
 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 m² SPAWNING AREA m²DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT 1971 Passable, some small beaver dams.
 1972 Passable rapids and falls at 3.2km from mouth of Silver Salmon River ---
 recommend removal. 1976 Obstruction passable at certain water levels.
 1977 Boulders at .80km from mouth of Silver Salmon River. Impassable at high water.
 One rock was removed in March at the mouth of Silver Salmon River and proved
 to be very successful, however, with high water levels in 1977 the sockeye
 were being stopped approx .80km upstream.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- throughout lake on available gravel and sand bars and near outlet.
CHINOOK	- no records of spawning area.
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1972 Early die off of Sockeye in July. These fish were very green
 when they reached the lake. The long wait was probably too long a spell in fresh water
 for them.
 1974 - No inspection this year. Figures come from a reliable source in Atlin, B.C.
 1975 - May have been early for peak spawning as there seemed to be quite a number
 of sockeye in the Nakina River just below the junction of Kuthai and Nakina.
 1978 Water levels down and sockeye were able to migrate to Kuthai Lake without
 much difficulty.
 1979 Large beaver dams located approx. 5km from source of Silver Salmon River --
 recommend removal.

continued.....

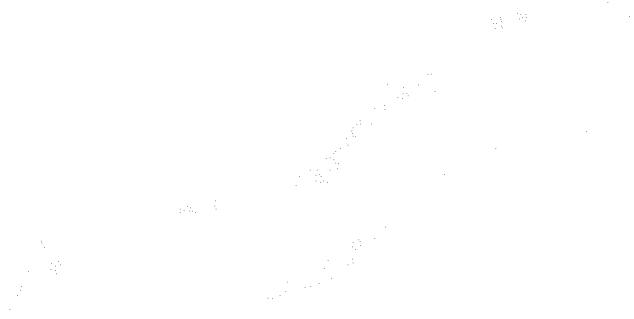
continuation

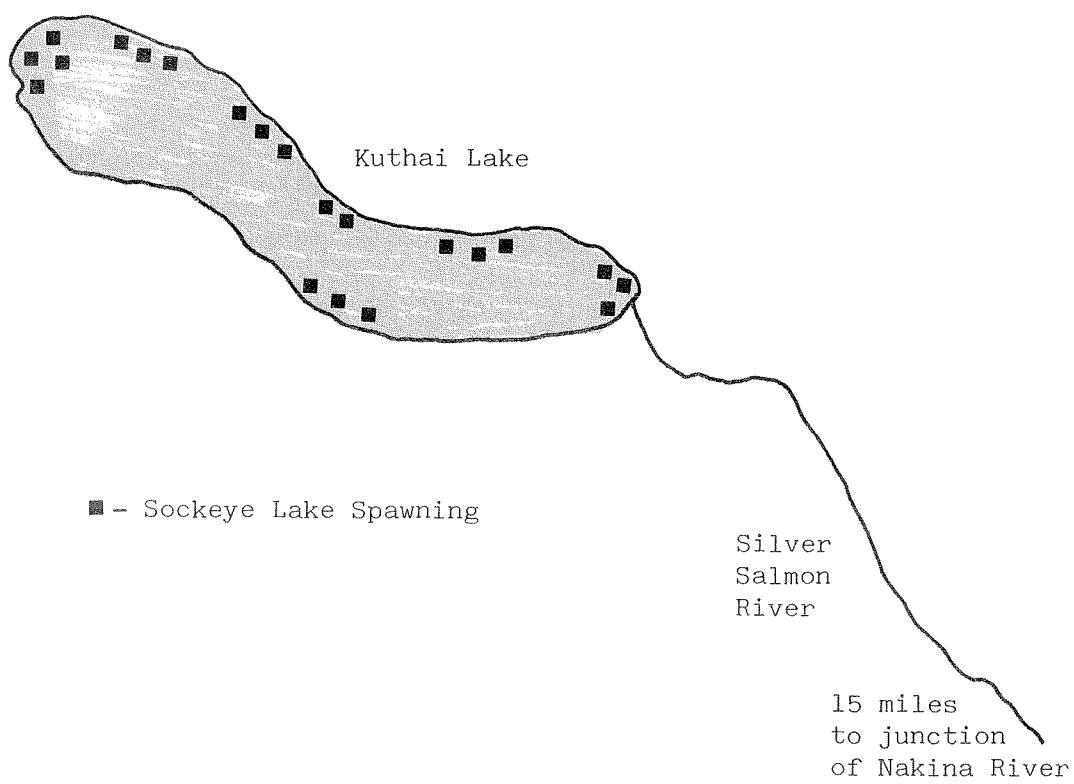
KUTHAI LAKE (Silver Salmon Lake)

- 1980 - A counting fence was established early this season. It was observed that many sockeye were much smaller than those caught on the Taku. It is felt that the rapids near the mouth may contribute to this condition. Sockeye count through the fence was 1659.
- 1981 Should S.E.P.funding be made available for transboundary rivers, the rock obstruction at the mouth of the Silver Salmon River should be modified to facilitate easier passage of sockeye.

Water levels: 1971,72 normal
 1979 high during June and July
 1980/82 normal in Aug. low to normal in Sept. and Oct.

Predation: 1971/73 bears and eagles.
 1979/82 light predation.





Sketch of Kuthai Lake

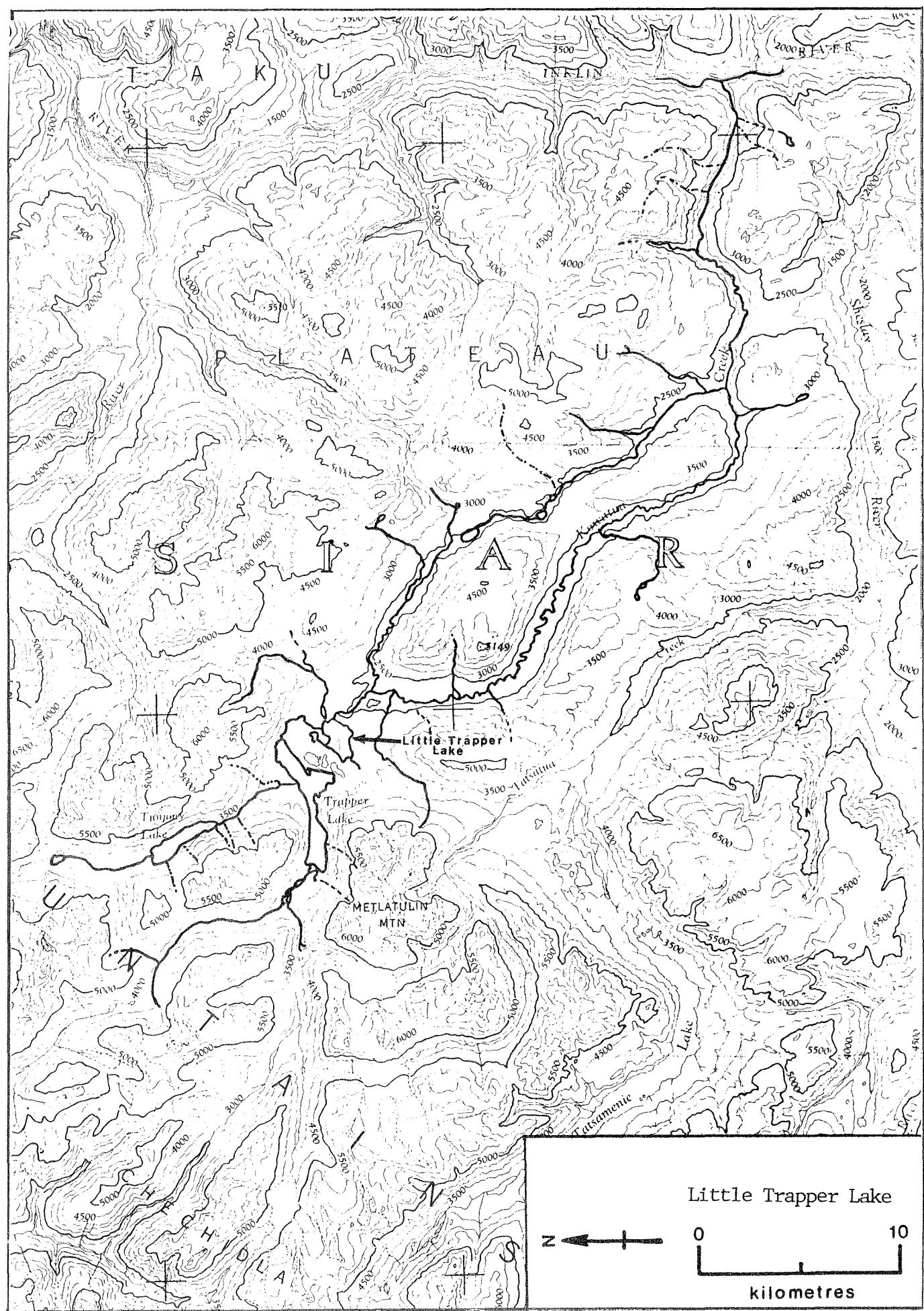
0 12.5

kilometres

ESCAPEMENT RECORD FOR KUTHAI LAKE AND SILVER SALMON 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	400	1,500				
72	1,500					
73		NOT INSPECTED				
74	1,000					
75	-					
76	660					
77	5,000					
78	3,500					
79	200					
80	1,700					
81	2,309					
82	2,000					
83						
84						
85						
TIMING						
ARRIVE	Jul					
START	Jul-Aug					
PEAK	Aug-Sept					
END	Aug-Oct					

REMARKS



NAME OF STREAM (Little Trapper Lake)CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130LOCATION OF MOUTH Flows into Kowatua CreekPOSITION 58 132 NE.LENGTH km WIDTH m DRAINAGE km²COMPOSITION: 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 m² SPAWNING AREA m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT Impassable falls between Little Trapper and Big Trapper Lakes.
10 km from mouth of stream

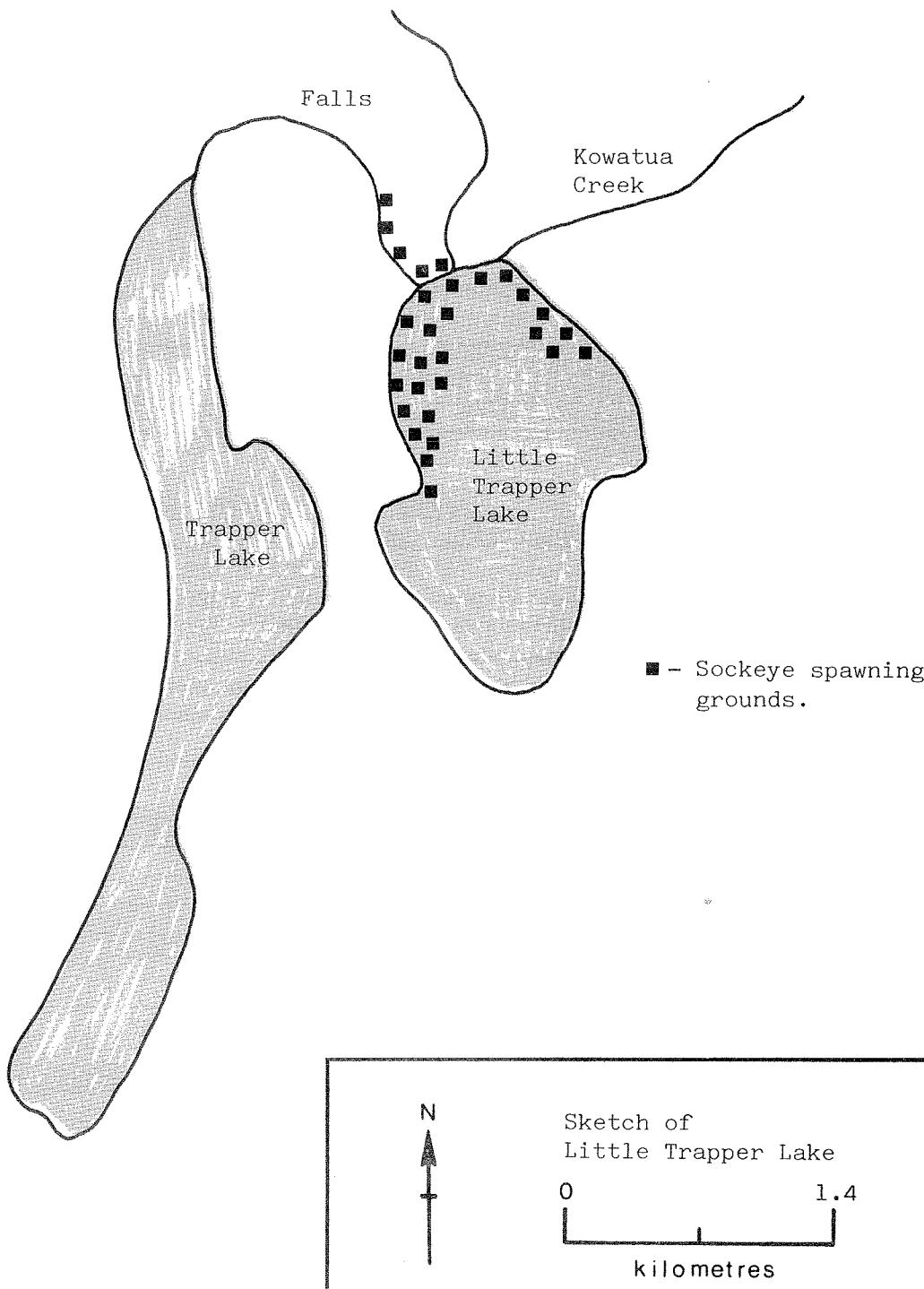
SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- majority above Little Trapper Lake and downstream of falls.
CHINOOK	- most chinook are immediately below the lake.
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS 1974 Figures based on an Alaskan aerial count and from a reliable source in Atlin B.C.1978 Little Trapper Lake and Kowatua Creek combined.1979 The chinook salmon run was delayed approx. two weeks because a large earth slide occurred on the Inklin River. By mid Aug. river action had eroded the slide to a point where salmon migration was possible.1972,80 Possibility of egg digging as spawning was concentrated in certain areas.

Predation: Grizzly bears and wolves.



ESCAPEMENT RECORD FOR (Little Trapper Lake)

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	3,500					
72	6,000					
73	3,500					
74	6,000	250				
75	-					
76	7,000	-				
77	17,100	580				
78	15,000	500				
79	15,000	700				
80	25,000	800				
81	6,000	600				
82	13,000	500			UNK	
83						
84						
85						
TIMING						
ARRIVE	Jul-Aug	Jul-Aug				
START	Jul-Aug	Jul-Aug				
PEAK	Aug-Sept	Aug				
END	Sept-Oct	Sept				

REMARKS need 74 figures

1978-82 Figures include Kowatua River escapement.



NAME OF STREAM MESS CREEK
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows N. into Stikine River below Telegraph Creek, Cassiar Dist.
 POSITION 57 130 SW.
 LENGTH km WIDTH m DRAINAGE km²
 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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

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

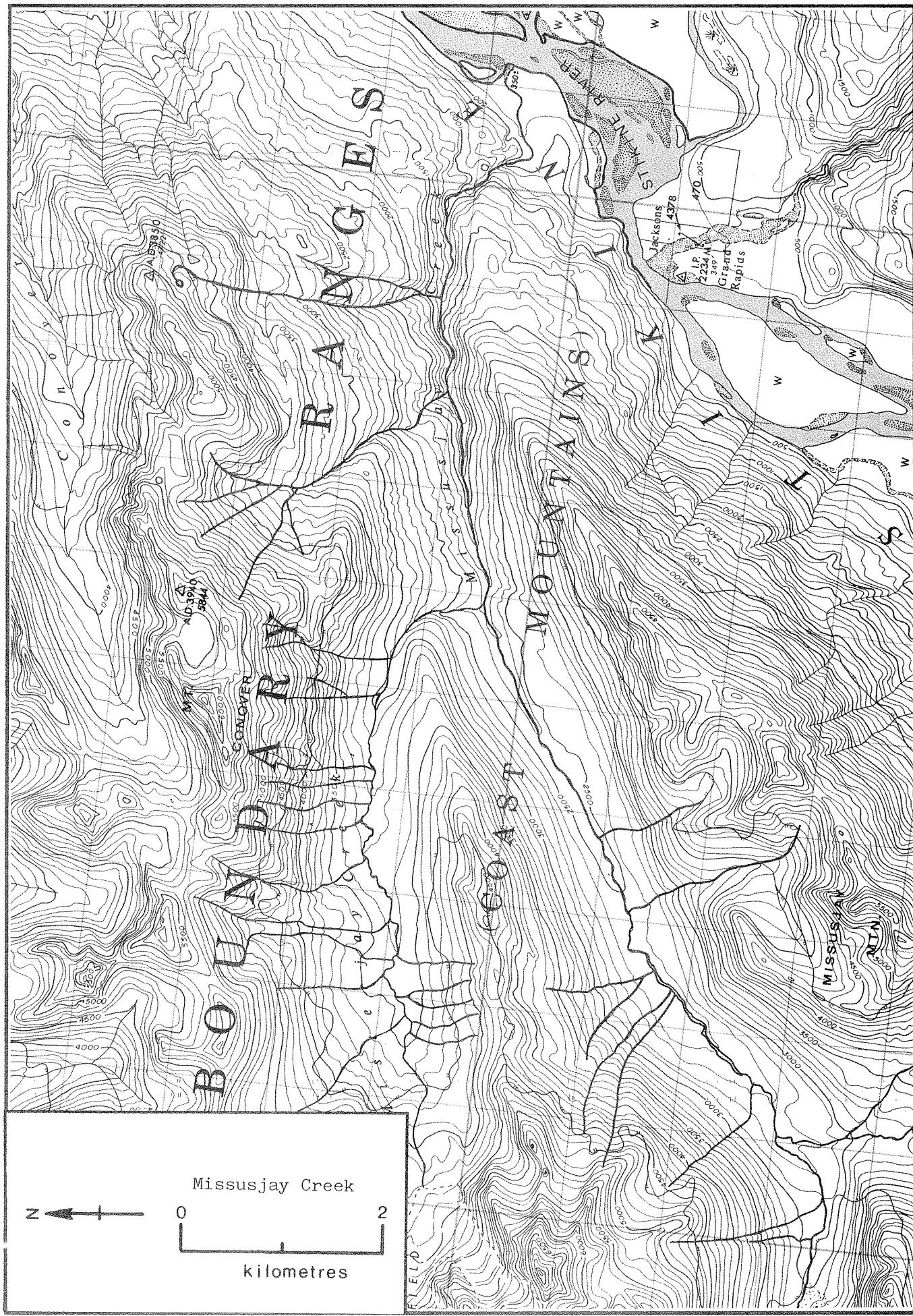
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

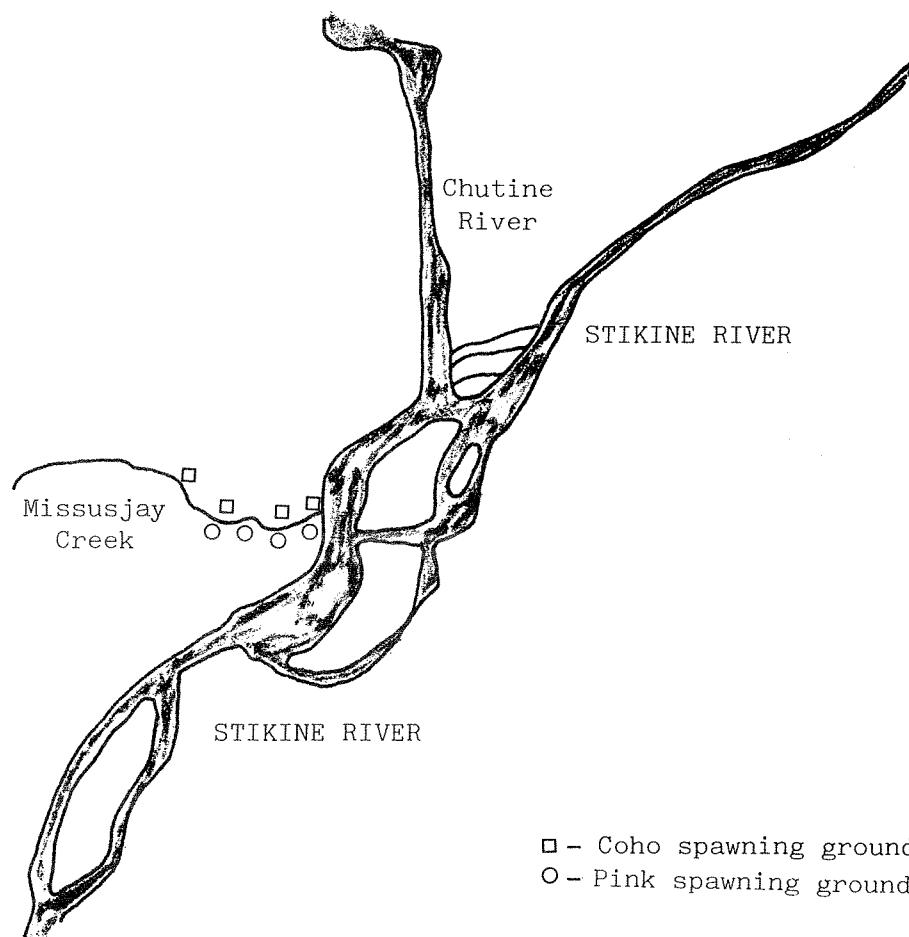
GENERAL REMARKS No fish seen -- very erratic salmon producer.
Water levels normal during survey, good visibility.

ESCAPEMENT RECORD FOR MESS 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						
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66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82	N/O					
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game





Sketch of Missusjay Creek



NAME OF STREAM MISSUSJAY CREEK
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows NE. into Stikine River, Cassiar Dist.
 POSITION 57 131 NW.
 LENGTH km WIDTH m DRAINAGE km²
 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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	
COHO	- distributed over first 3.2km.
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

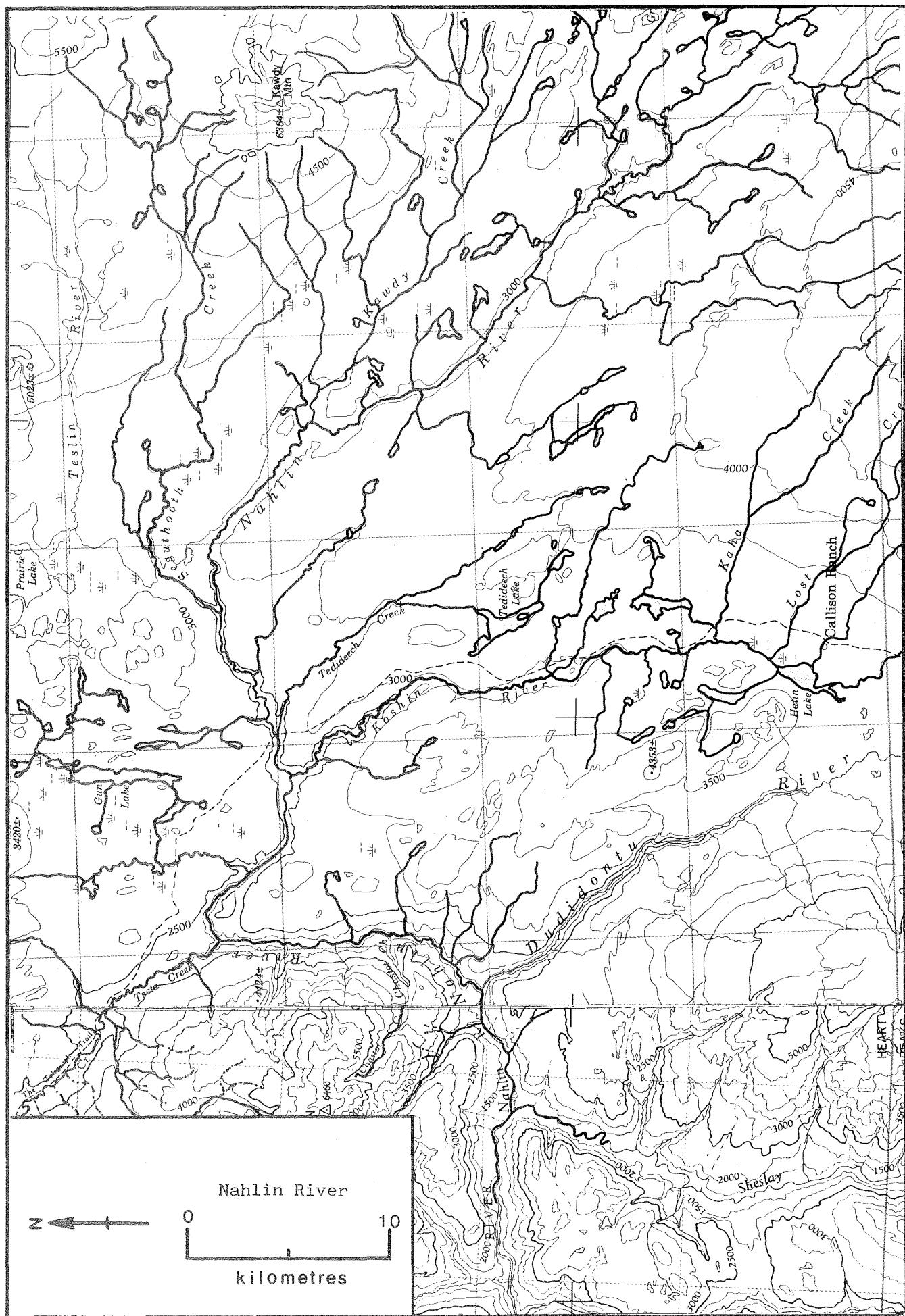
GENERAL REMARKS 1975 Lower end is fairly good for spawning; upper end has many large boulders.

1976 Coho at mouth of creek in October.

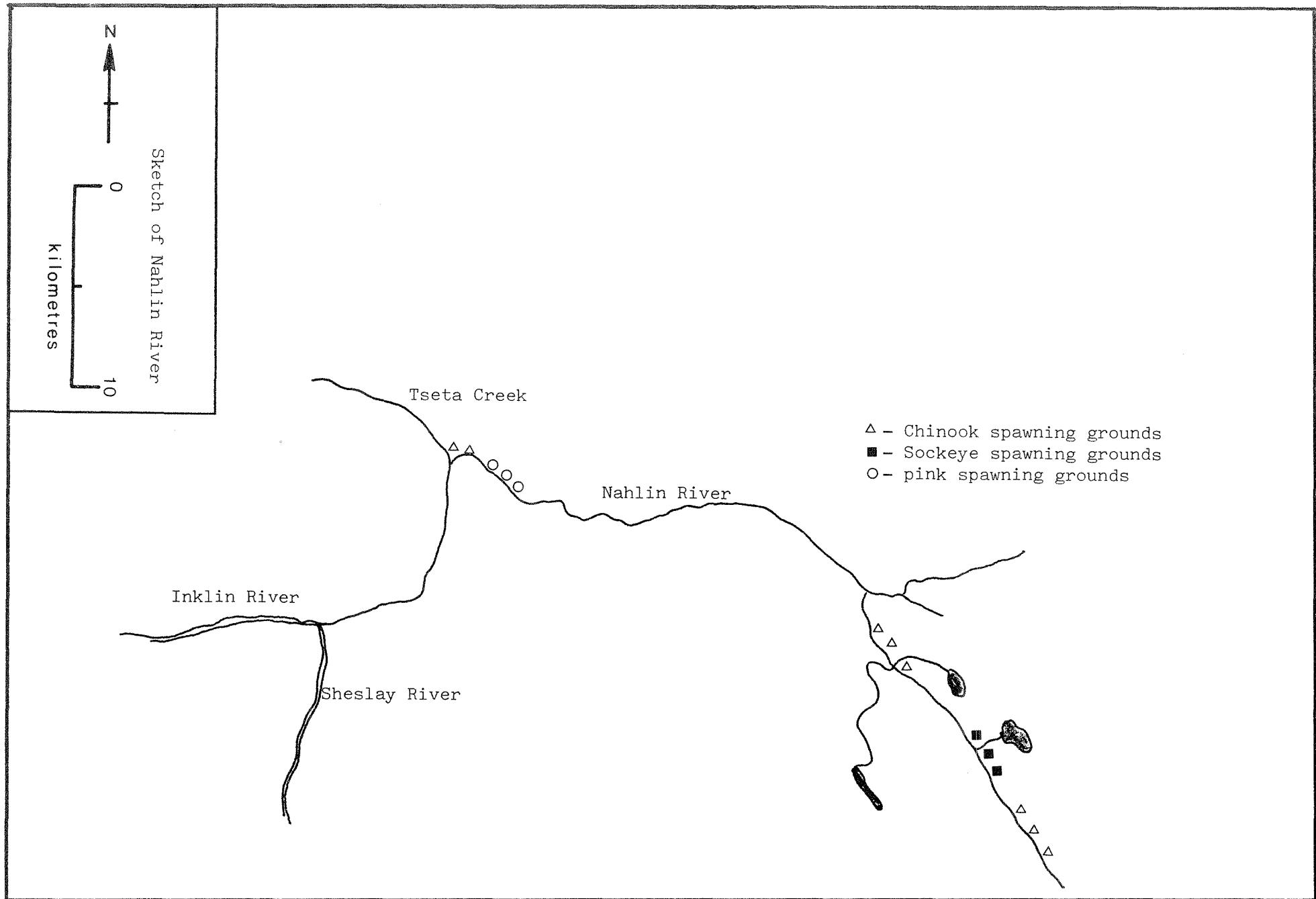
ESCAPEMENT RECORD FOR MISSUSJAY CREEK

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			25		UNK	
76		NOT INSPECTED				
77		N.I.				
78		N.I.				
79		N.I.				
80		NO RECORD				
81		NO RECORD				
82		NO RECORD				
83						
84						
85						
TIMING						
ARRIVE			Sept		Ju1	
START			Sept		Aug	
PEAK			Sept		Aug	
END			Oct		Aug	

REMARKS



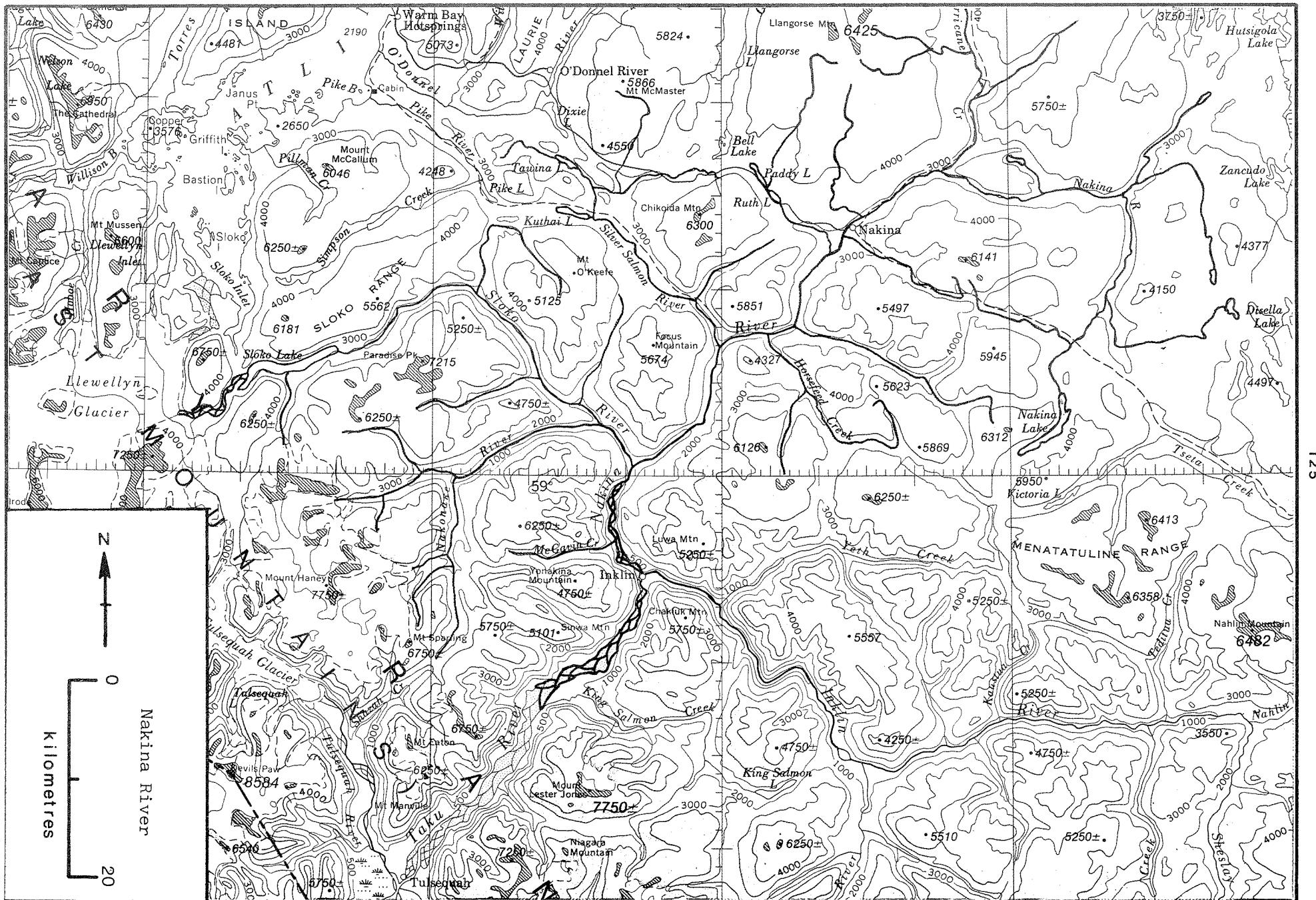
NAME OF STREAM	NAHLIN RIVER		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 130
LOCATION OF MOUTH	Flows N.W. into Inklin River, Cassiar Dist.		
			POSITION 58 132 NE.
LENGTH	km	WIDTH	m DRAINAGE km ²
COMPOSITION: BEDROCK		BOULDER	COARSE FINE
SILT & SAND		UNCLASSIFIED	
PERCENT GRADIENT			
0.00 - 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	- evenly distributed throughout available gravel		
CHINOOK	- distributed throughout, but mainly in upper portions of river.		
COHO			
CHUM			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS 1971 Good spawning river with good gradient. Clear water and good gravel. A tributary of the Inklin River which is very heavily silted.			
1972 Poor flying weather this year made aerial flights next to impossible. Poor counts were obtained. Peak spawning was passed by August 13.			
1979 This inspection was too early to be accurate for sockeye.			
1980 1480 sockeye counted Aug. 20 from cabin to fork.			
Predation: light bears and birds.			
Water levels: normal seasonal fluctuation in water levels.			



ESCAPEMENT RECORD FOR NAHLIN 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	25	200			75	
72	75	200	400			
73		200				
74		450				
75		200				
76	-	725				
77	1,200	650				
78	1,000	624				
79	1,400	375				
80	4000	2,000				
81	500	3,300				
82	4,000	2,500				
83						
84						
85						
TIMING						
ARRIVE	Jul	Jul	Sept		-	
START	Jul-Aug	Jul	Oct		-	
PEAK	Aug	Jul-Aug	Oct		-	
END	Sept	Aug	Nov		-	

REMARKS _____



NAME OF STREAM	NAKINA RIVER		
CONSERVATION DISTRICT	10	STATISTICAL AREA SUB - DISTRICT 130	
LOCATION OF MOUTH	Flows S. into Taku River, Cassiar Dist.		
			POSITION 58 133 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	- well distributed over 10km		
CHINOOK	- throughout as far as falls, but heaviest in canyon		
COHO			
CHUM			
PINK (ODD YEAR)	- throughout		
PINK (EVEN YEAR)	- throughout		
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS 1971 This stream is very hard to count from air because it course is in a "V" shaped valley which makes the flying height about 800-1000 feet. also the water in July tends to be milky in colour due to glacial run off. If sport fishing becomes much heavier would recommend a closure for parts of the river for a period of time during the spawning run.			
1972 Very good spawning stream. Will support many more spawners than this years numbers.			
1973 The Alaskans out of Juneau had a dead carcass weir set above the junction of the Silver Salmon River and the Nakina River this year, so the count of chinook should be reliable.			
continued.....			

continuation

NAKINA RIVER

1975

Alaskans had dead carcass weir count of 931 chinook. Their aerial surveys showed 700 in river.

1977 Alaska Dept. of Fish and Game operated their carcass weir in 1977 and were very successful. Three rocks were removed in March 1977 allowing the chinook to reach their spawning grounds with no problems.

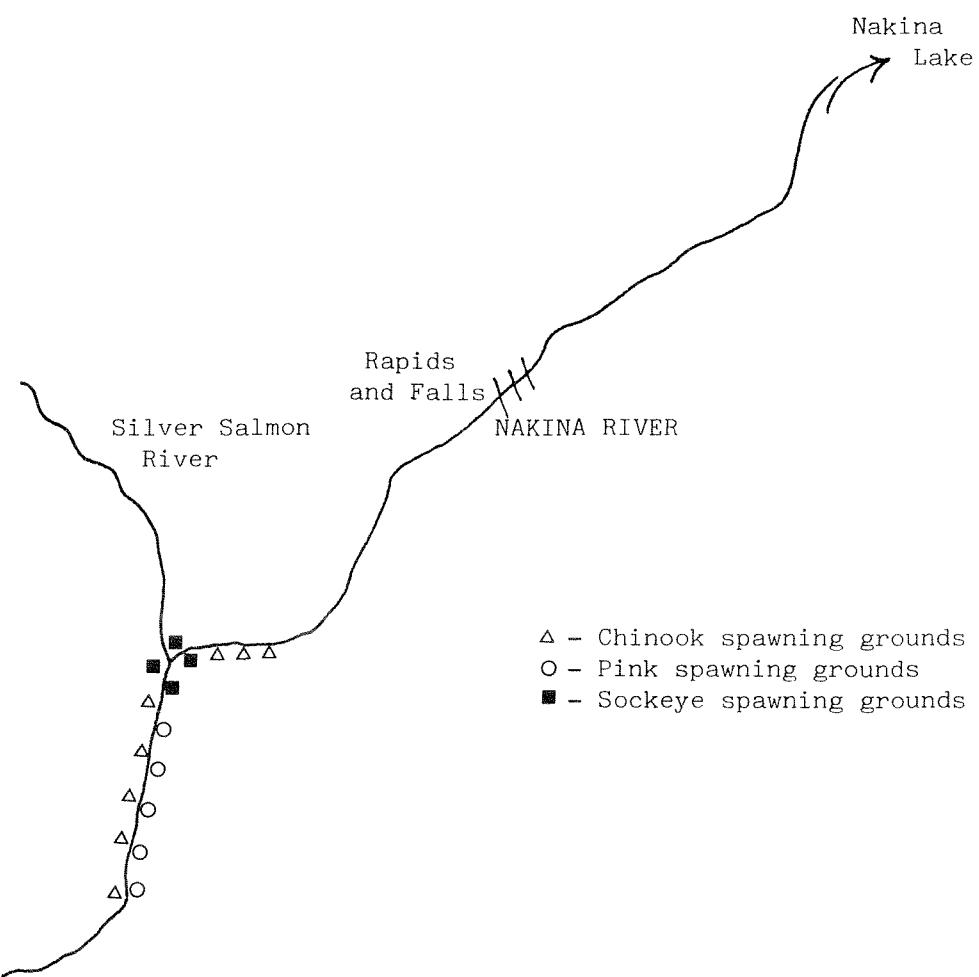
1978 This area will have to be monitored every year because of rolling rocks that could block salmon migration. A.D.F.G.operated their carcass weir again this year.

1980 Coho observed schooling at mouth of Nakina on Sept.18. Some were taken by sport-fishermen who reported an average year, but none were observed on the spawning grounds.

1981 Carcass Weir operated by A.D.F.& G. staff again this year. 1,166 female chinook

Usual seasonal fluctuation in water levels.

Predators: Grizzly, eagles,Dolly Varden Trout, some poaching reported.



N

Sketch of Nakina River

0 10

kilometres

ESCAPEMENT RECORD FOR NAKINA RIVER

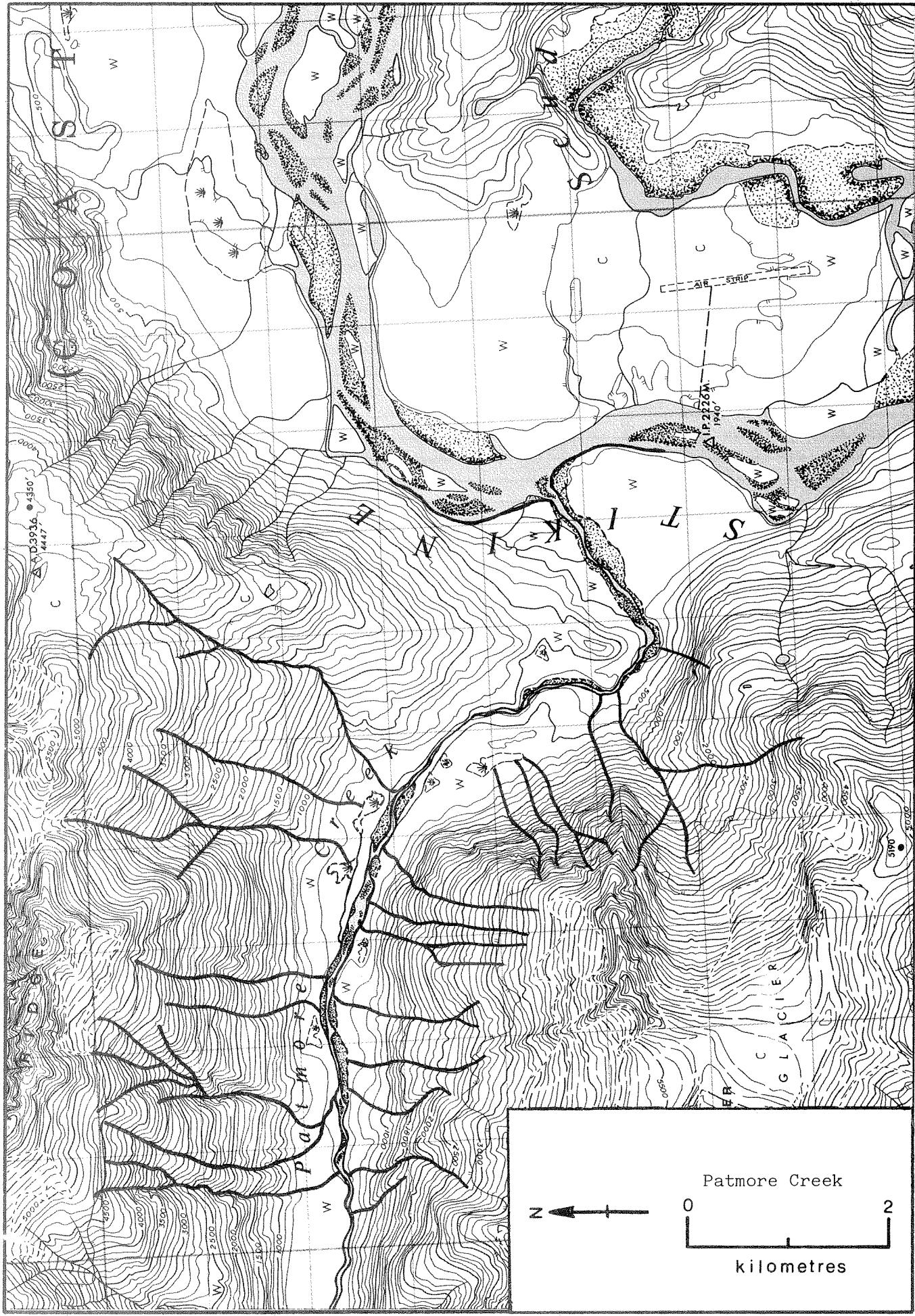
YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71	200	750			400	
72	200	1,025	3,500		9,500	
73		3,500			15,000	
74		4,331				
75		1,500				
76		3,000				
77		3,850			50,000	
78		1,620			20,000	
79		3,000	UNK		UNK	
80		9,000	UNK		250,000	
81		8,000	1,000		80,000	
82		6,000	1,500		200,000	
83						
84						
85						
TIMING						
ARRIVE	Jul	Jun-Jul	Aug		Jul	
START	M Aug	Jul	Sep		Jul-Aug	
PEAK	Aug	Jul-Aug	Sept		Jul-Aug	
END	L Aug-Sept	Aug	Oct		Sept	

REMARKS 1976 Data collected by Alaska Department of Fish and Game

1977 Joint inspections with A.D.F.G.

1978/79 Data collected by Alaska Department of Fish and Game

1980/82 Joint inspections with A.D.F.G.



NAME OF STREAM PATMORE CREEK
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows E. into Stikine River, N. of Christina Creek, Cassiar Dist.
 POSITION 57 131 SW.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²
 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 _____ m² SPAWNING AREA _____ m²

DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

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

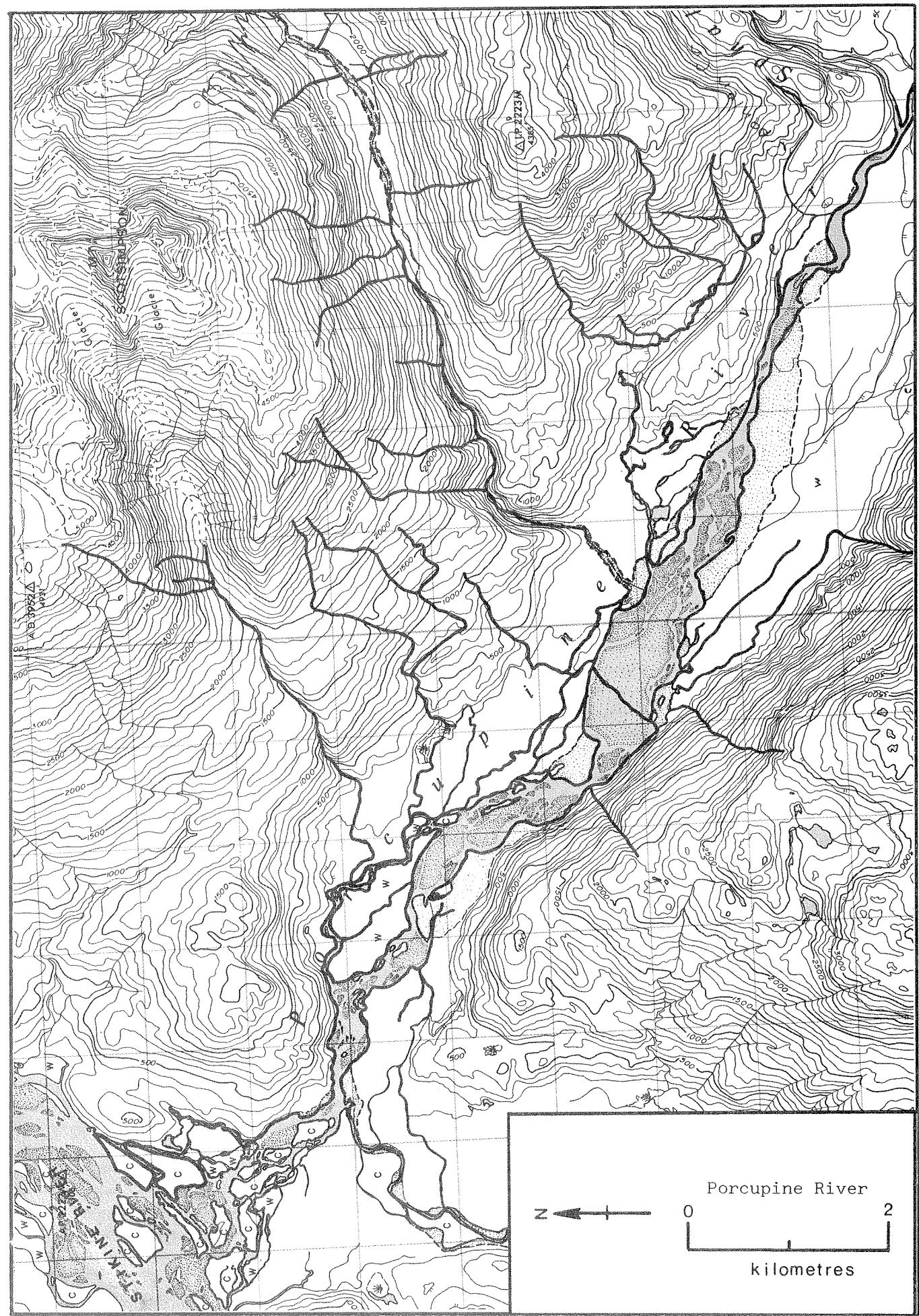
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS No fish seen -- poor spawning potential.
Normal water levels and good visibility during survey.

ESCAPEMENT RECORD FOR PATMORE 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						
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67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82		NONE OBSERVED				
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM PORCUPINE RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows NW. into Stikine River, S. of Anuk R. Cassiar Dist.
 LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²
 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 _____ m² SPAWNING AREA _____ m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

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

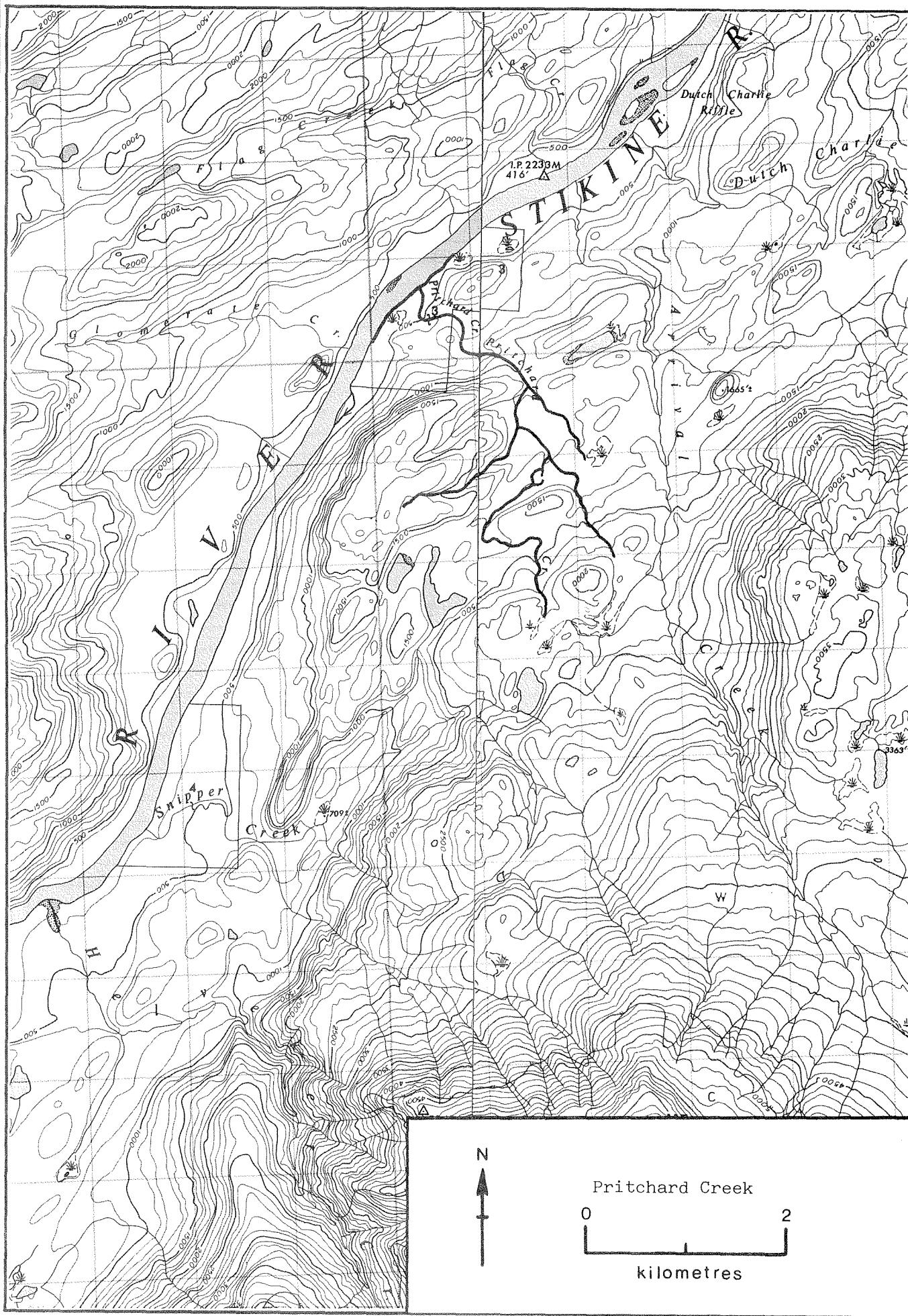
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

 _____GENERAL REMARKS No fish seen. Poor spawning potential.
 Water conditions normal and very good visibility during survey.

ESCAPEMENT RECORD FOR PORCUPINE 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						
80						
81						
82					NONE OBSERVED	
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM	PRITCHARD CREEK (Richard Creek)		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Just below Arrival Creek, flows into Stikine River.		
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			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS			

ESCAPEMENT RECORD FOR PRITCHARD CREEK (Richard Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
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67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82		NONE OBSERVED			NONE OBSERVED	
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS



NAME OF STREAM SCUD RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows West into Stikine River, Cassiar Dist.

POSITION 57 131 SW.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²

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 _____ m² SPAWNING AREA _____ m²

DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

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

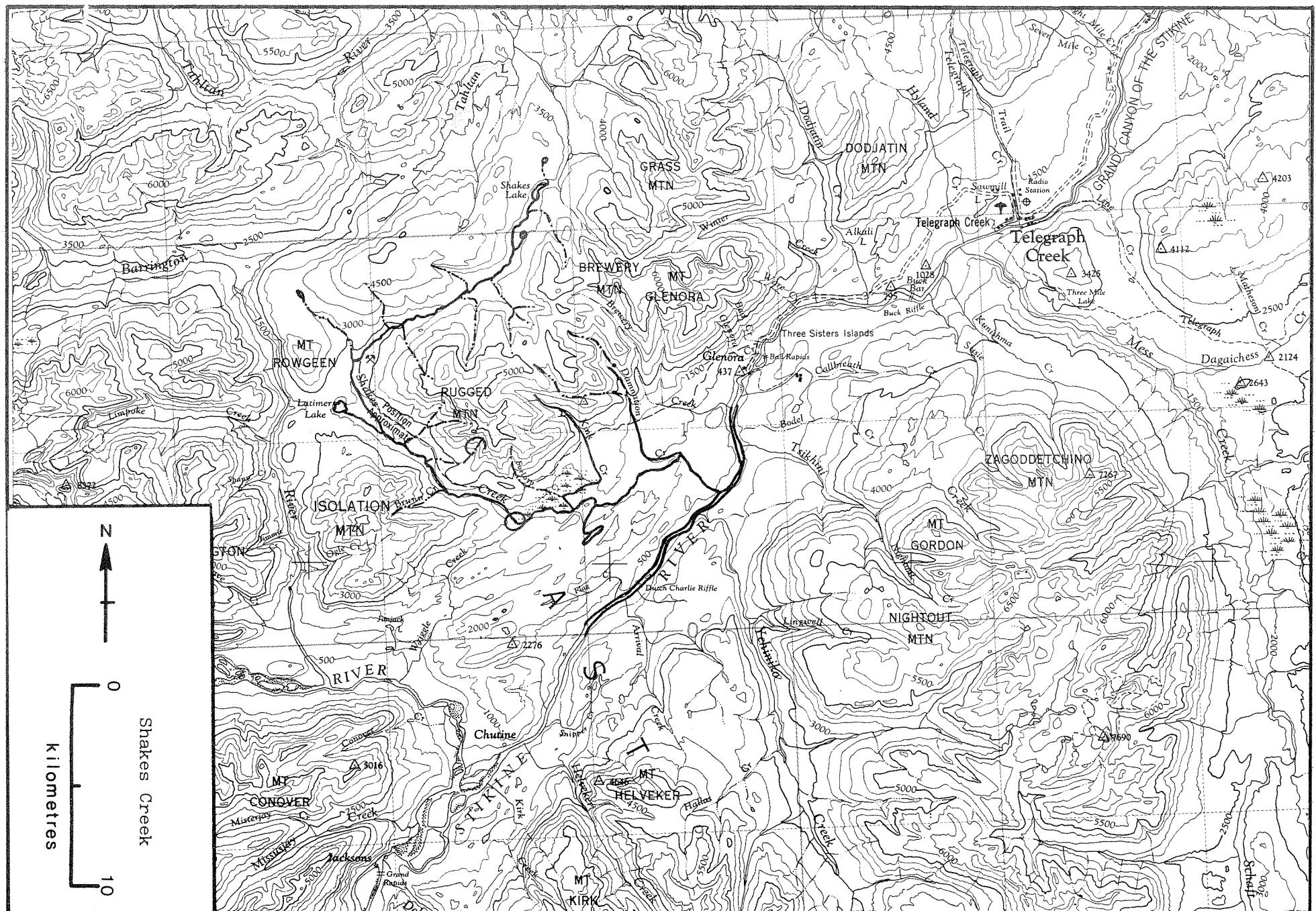
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS No fish seen -- poor spawning potential.
Normal water levels and good visibility during inspection.

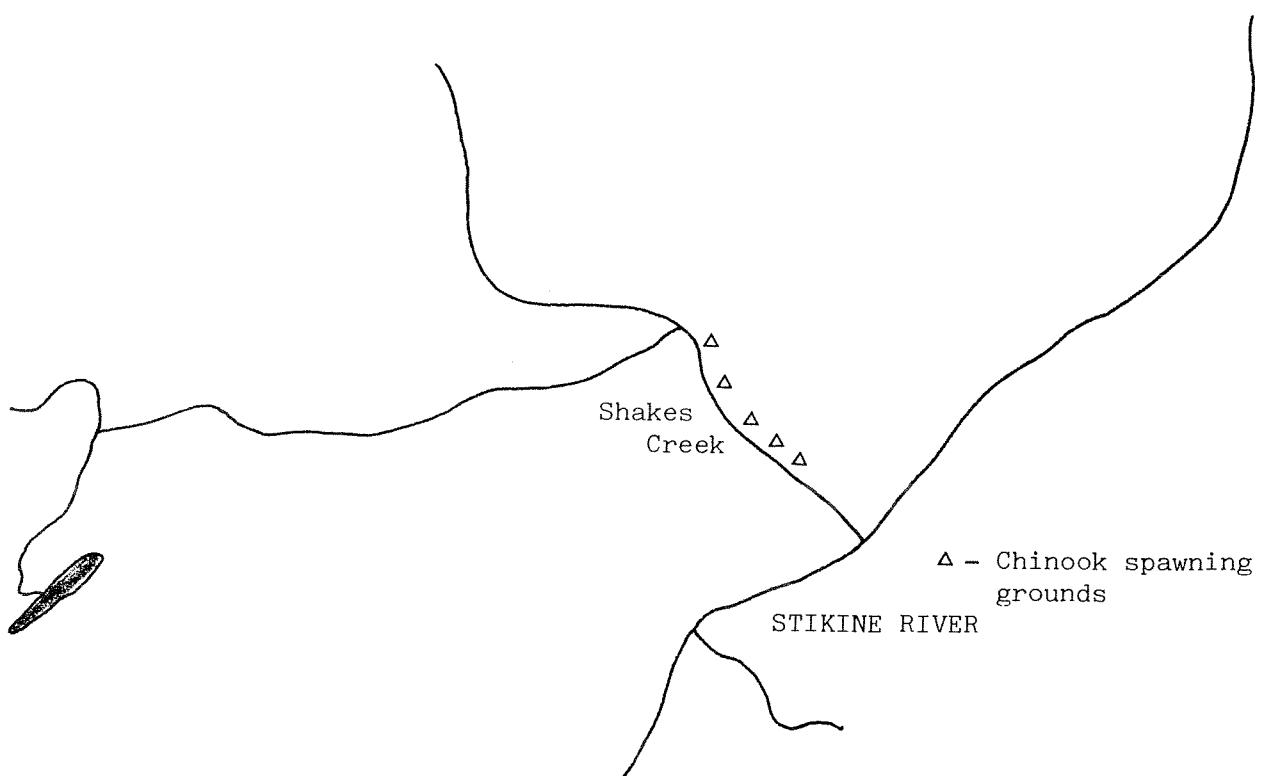
ESCAPEMENT RECORD FOR SCUD RIVER

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
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67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82	NONE OBSERVED					
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS



NAME OF STREAM	SHAKES CREEK		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Flows SE. into Stikine River, up from Yehiniko Creek, Cassiar Dist.		
POSITION 57 131 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	Impassable canyon and falls 6km from mouth.		
SPawning distribution			
SPECIES		SECTION OF STREAM USED	
SOCKEYE			
CHINOOK	- in lower river and up to canyon		
COHO			
CHUM			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS Usual seasonal fluctuation in water levels. 1980 reported minor changes in lower streambed from scouring.			
1975 First stream report. Water level fluctuates due to high run-off. Has no ideal spawning areas, many large boulders.			
1982 Stream tends to be an erratic salmon producer.			



N

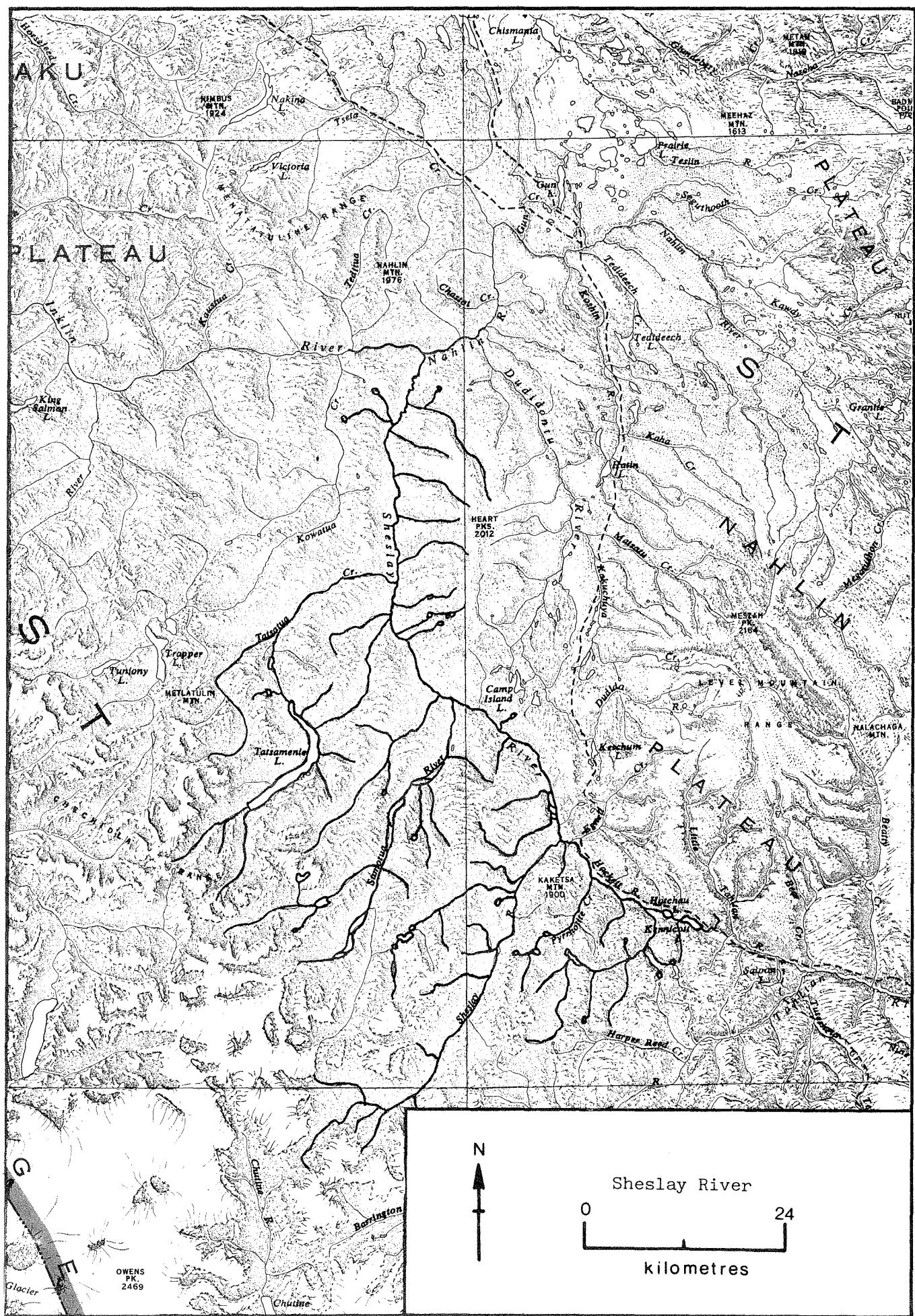
Sketch of Shakes Creek



ESCAPEMENT RECORD FOR SHAKES 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		75				
76		150				
77		NOT INSPECTED				
78		N.I.				
79		N.I.				
80	50	30				
81	40	120				
82	N/O	40			30	
83						
84						
85						
TIMING						
ARRIVE	Jul-Aug	Jul			Jul	
START	Aug	Aug			Jul	
PEAK	Aug	Aug			Jul	
END	Aug	Aug			Aug	

REMARKS 1982 Data collected by Alaska Department of Fish and Game

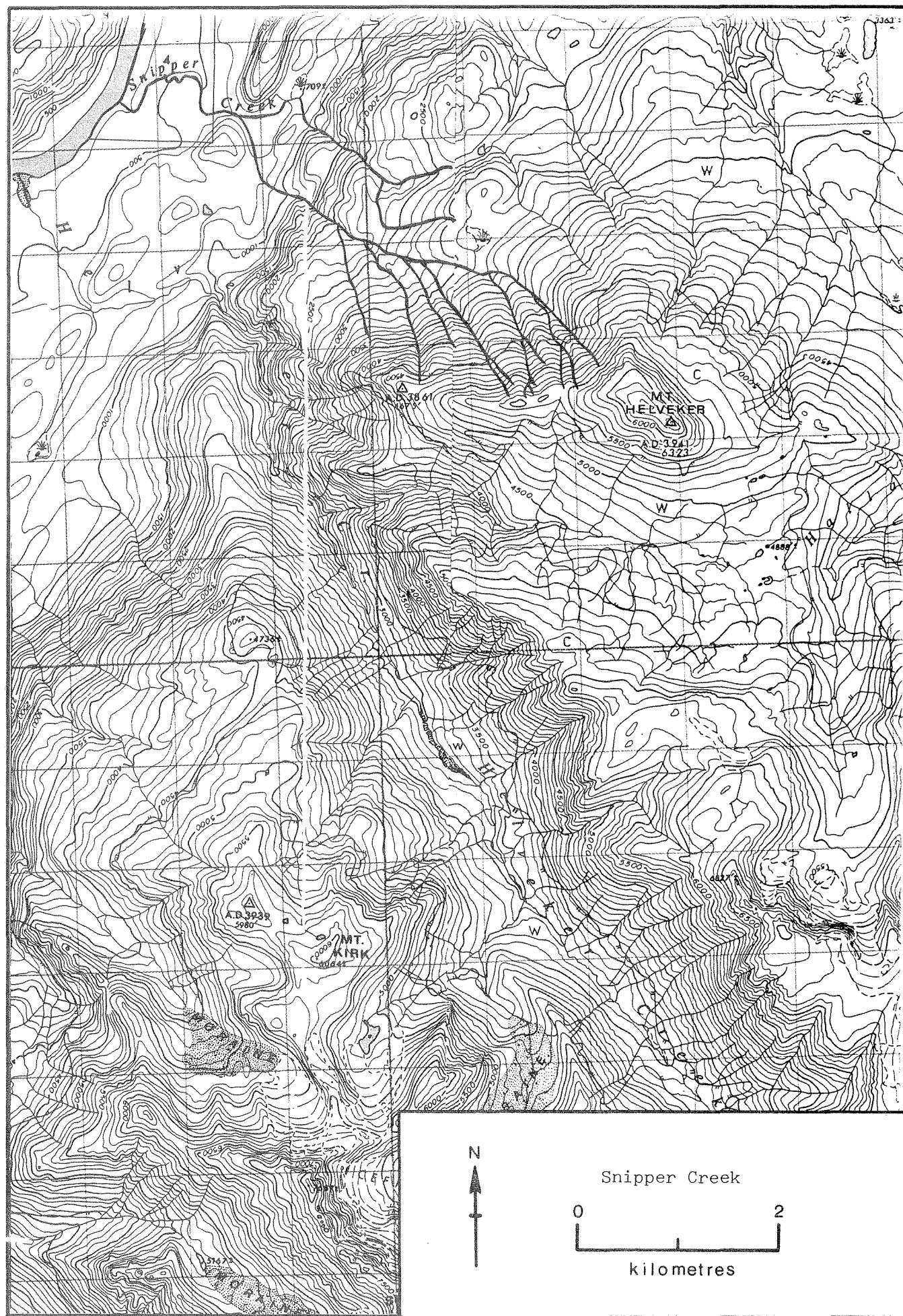


NAME OF STREAM	SHESLAY RIVER		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 130
LOCATION OF MOUTH	Flows N. into Inklin River, Cassiar Dist.		
LENGTH	km	WIDTH	m DRAINAGE km ²
COMPOSITION:	BEDROCK	BOULDER	COARSE FINE
SILT & SAND		UNCLASSIFIED	
PERCENT GRADIENT			
0.00 - 0.25			
0.25 - 0.50			
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			
<hr/> <hr/> <hr/> <hr/> <hr/>			
SPAWNING DISTRIBUTION			
SPECIES	SECTION OF STREAM USED		
SOCKEYE			
CHINOOK			
COHO			
CHUM			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
<hr/> <hr/> <hr/> <hr/> <hr/>			
GENERAL REMARKS 1981 Not inspected. There has been no spawning areas identified in this stream in the past 2 years and it is recommended that this river be dropped from files.			
<hr/> <hr/> <hr/> <hr/> <hr/>			

ESCAPEMENT RECORD FOR SHESLAY 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						
73						
74						
75						
76						
77						
78						
79		NOT INSPECTED				
80						
81		NOT INSPECTED				
82						
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS



NAME OF STREAM	SNIPPER CREEK		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Flows W. into Stikine River, N. of Helveker Creek		
		POSITION	57 131 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			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS			

ESCAPEMENT RECORD FOR SNIPPER CREEK

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
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61						
62						
63						
64						
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67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82		NONE OBSERVED			NONE OBSERVED	
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS

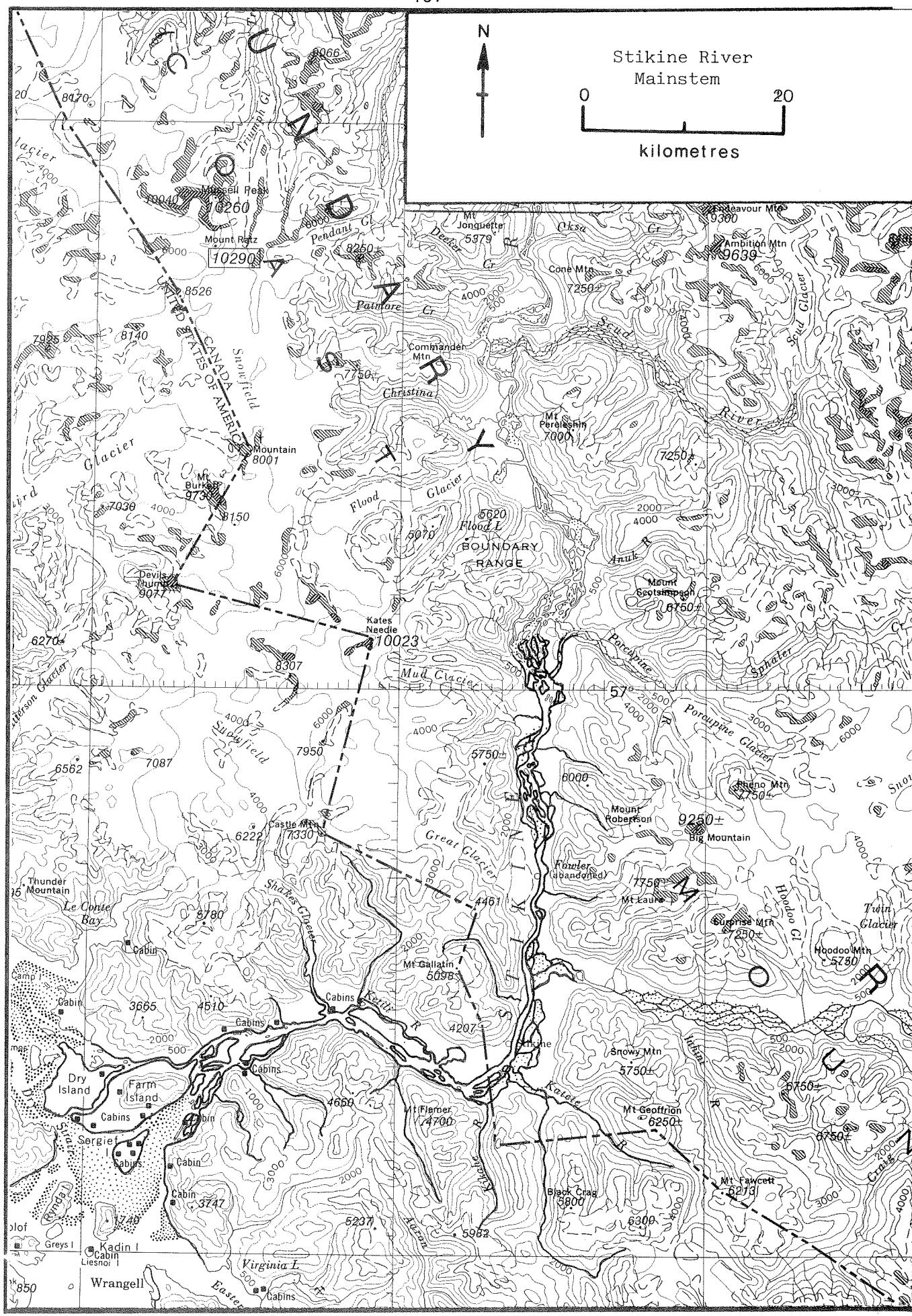
N

Stikine River

Mainstem

0 20

kilometres



NAME OF STREAM STIKINE RIVER (MAINSTEM)
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows S,W.across Alaska/B.C.Bdy. between Elbow Mtn.and Mt. Cote,
Cassiar Dist. POSITION 56 132 NE.
 LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²
 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 _____ m² SPAWNING AREA _____ m²
 DISCHARGE (m³/s) _____
 TEMPERATURE (°C) _____
 BARRIERS OR POINTS OF DIFFICULT ASCENT Impassable canyon 209km from mouth.

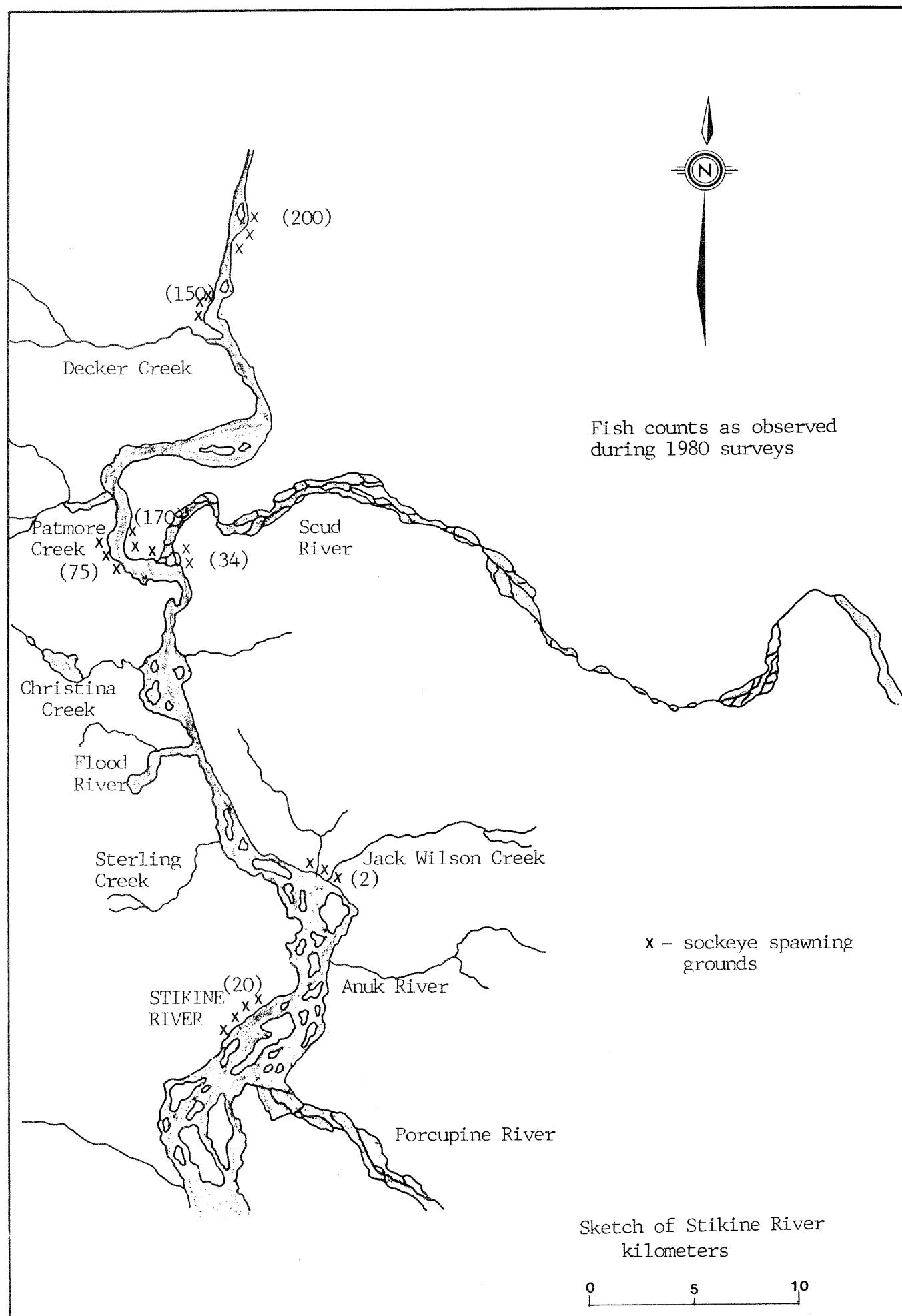
SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- in side sloughs and back channels from Little Canyon to
CHINOOK	Porcupine River.
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS 1982 Spawning occurs in back channels and sloughs parallelling main river. Often these areas are isolated from the mainstem by receding water levels. Spawning success affected very significantly by river water levels.

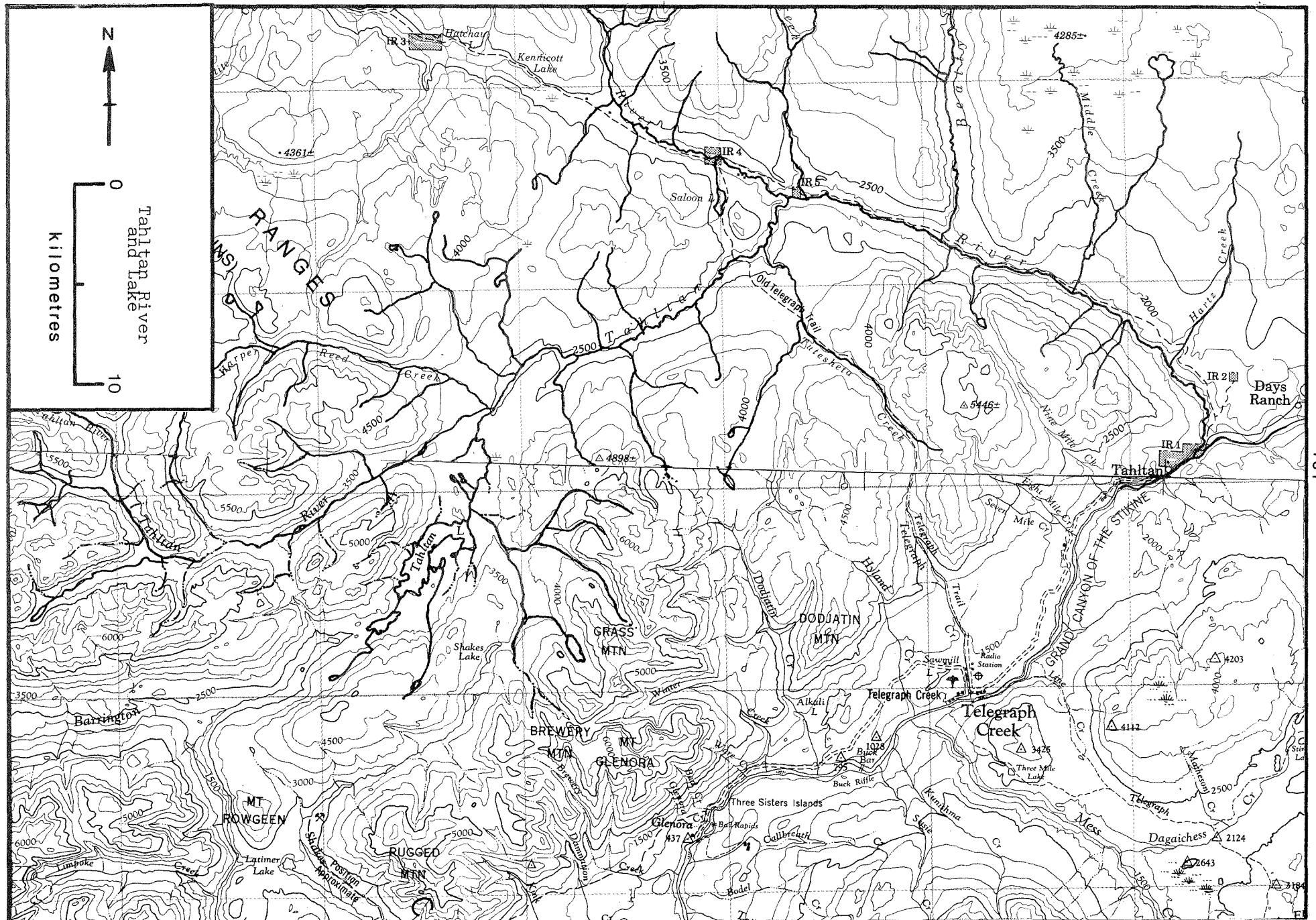
Predators: bears and birds.



ESCAPEMENT RECORD FOR STIKINE RIVER (Mainstem)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
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66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80	3,000	N.O.	N.O.			
81						
82	250					
83						
84						
85						
TIMING						
ARRIVE	Jun-Jul	Jun	Aug			
START	Jul	Jul	Sept			
PEAK	Aug	Aug	Oct			
END	Aug-Sept	Sept	Nov			

REMARKS _____



NAME OF STREAM TAHLTAN RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows South into Stikine River, Cassiar Dist.
 POSITION 58 130 SW.
 LENGTH km WIDTH m DRAINAGE km²
 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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

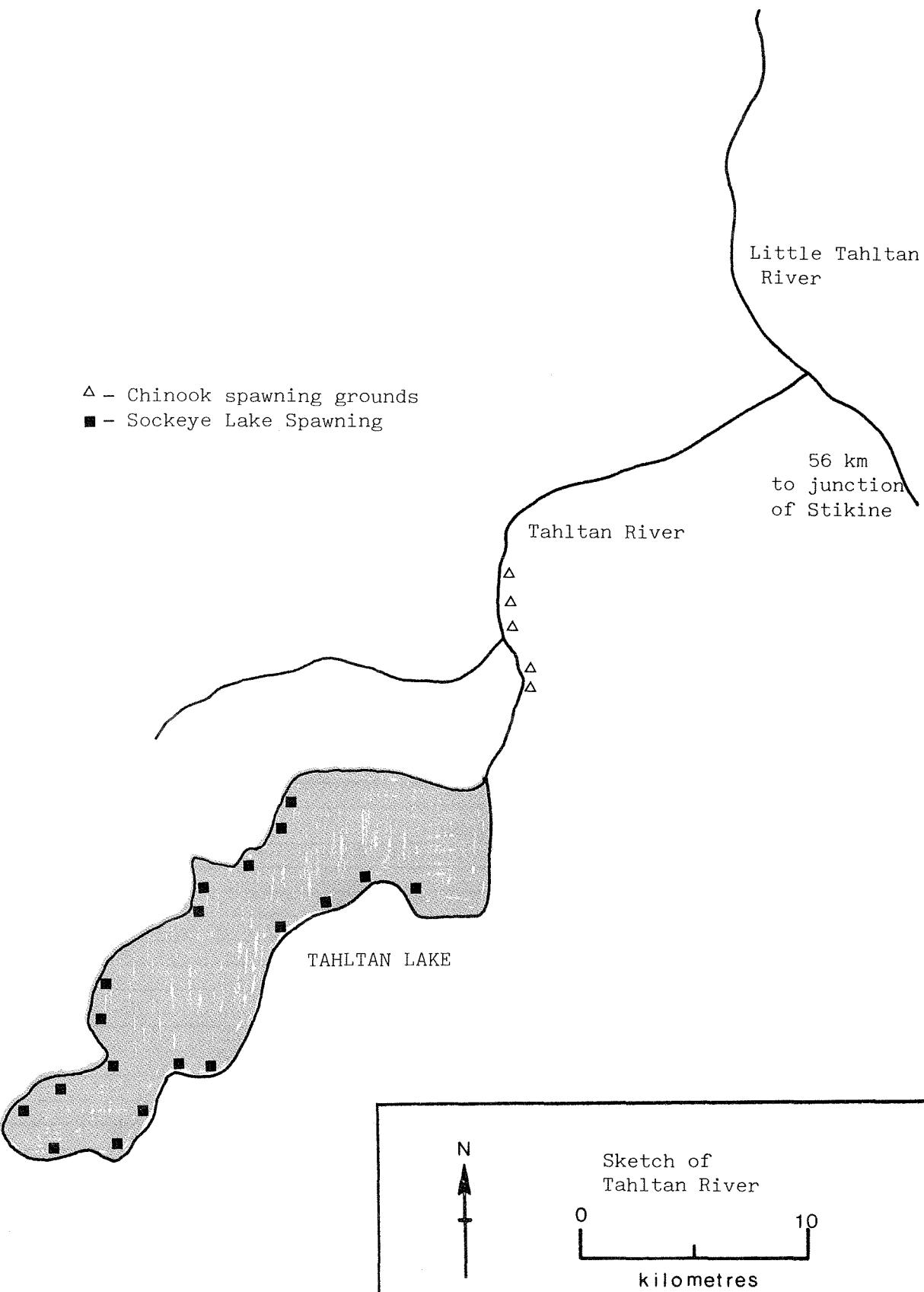
BARRIERS OR POINTS OF DIFFICULT ASCENT 1974 Area of old slide needs close observation from year to year.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- distributed throughout lake
CHINOOK	- throughout river above cannery slide
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1971 A potential slide area on the Tahltan River (wet clay banks) could seriously affect the sockeye run if not watched closely. Passage to lake via Tahltan River past slide was accomplished with reasonable ease. Fish were all in good shape upon entering weir at lake.
1975 Alaskans counted 3600 chinook in system in August. Also had a counting weir on Tahltan Lake.
1978 The counting fence was run by the Tahltan Band through the Enhancement Program. The rock that was removed in May from Decheeka Falls enabled the sockeye to move up river without any difficulty.
1980 Counting fence in operation at Tahltan Lake.
1981 "
1982 Very glacial conditions make observation difficult.



ESCAPEMENT RECORD FOR TAHLTAN 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	15,000	25				
72	35,000					
73	2,877	-				
74	8,106	-				
75	3,500	7,500				
76	25,000	600				
77	42,960	25				
78	22,488	1,000				
79	10,000	525				
80	11,016	3,000				
81	50,790	1,800				
82		1,690				
83						
84						
85						
TIMING						
ARRIVE	Jun-Jul	Jul				
START	Jul-Aug	Aug				
PEAK	Aug	Aug				
END	Aug-Sept	Sept				

REMARKS 1972/74 Data collected by Alaska Department of Fish and Game Weir count
 1976 Data collected by Alaska Department of Fish and Game Weir count

See topographical map p.161

NAME OF STREAM TAHLTAN LAKE

CONSERVATION DISTRICT 10

STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows into Tahltan River, N. of Shakes Creek, Cassiar Dist.

POSITION 57 131 NW.

LENGTH km WIDTH m DRAINAGE km²

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 m²SPAWNING AREA m²DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

SPECIES

SECTION OF STREAM USED

SOCKEYE - in Lake

CHINOOK

COHO

CHUM

PINK (ODD YEAR)

PINK (EVEN YEAR)

STEELHEAD

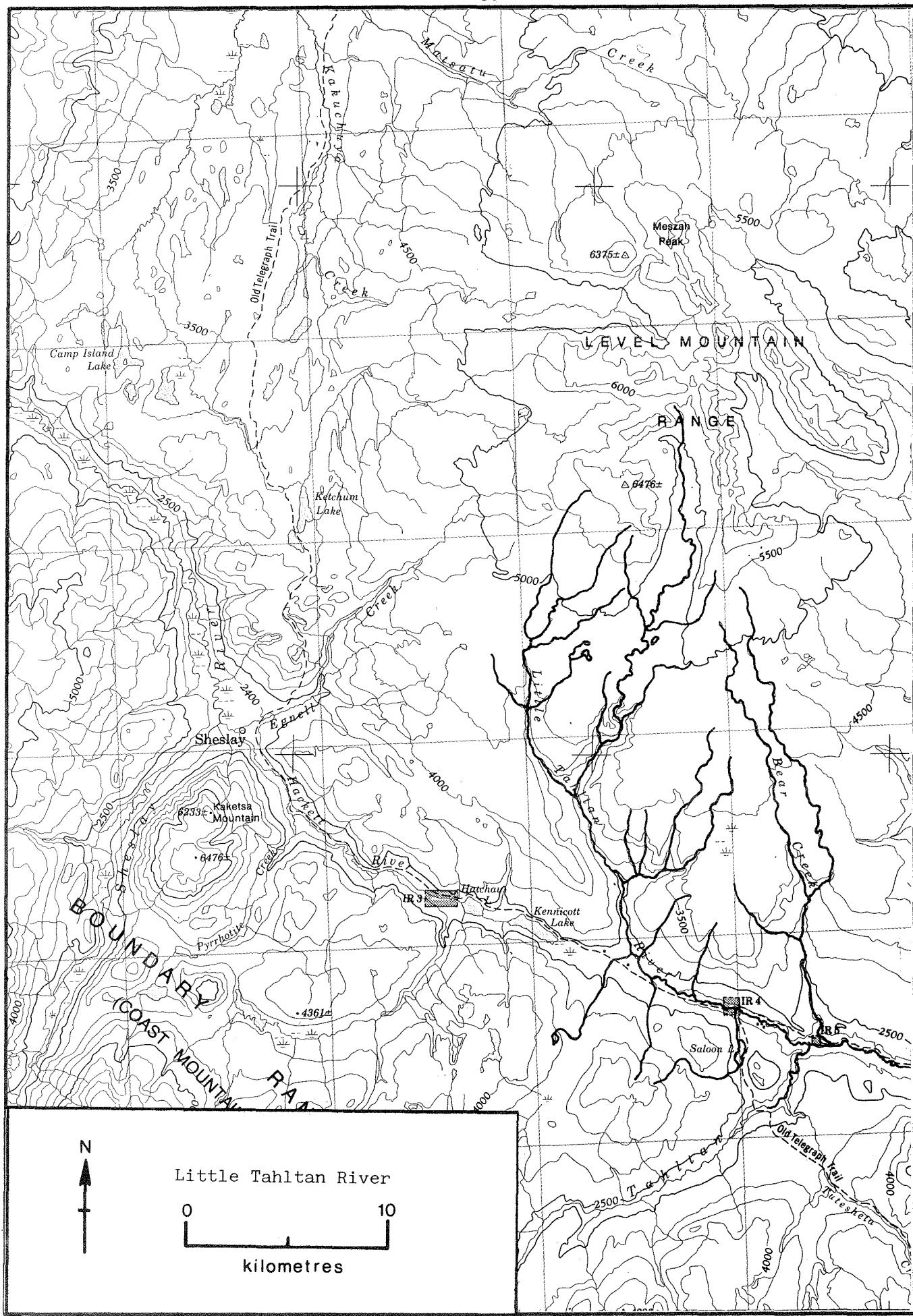
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1982 Counting fence in operation at outlet of Tahltan Lake.

ESCAPEMENT RECORD FOR TAHLTAN LAKE

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						
80						
81						
82	28,263					
83						
84						
85						
TIMING						
ARRIVE	Jul					
START	Aug					
PEAK	Aug					
END	Sept					

REMARKS 1982. Counting fence in operation at outlet of Tahltan Lake.



NAME OF STREAM LITTLE TAHLTAN RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows SE. into Tahltan River, Cassiar Dist.

POSITION 58 131 SW.
 LENGTH km WIDTH m DRAINAGE km²
 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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION NOT RECORDED

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

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1977 It is felt that the sockeye that were in Little Tahltan River could not get up Tahltan River, so they backed down and moved into Little Tahltan. On further inspection made by the Alaska Dept. of Fish and Game it was discovered that the sockeye were dying without spawning.

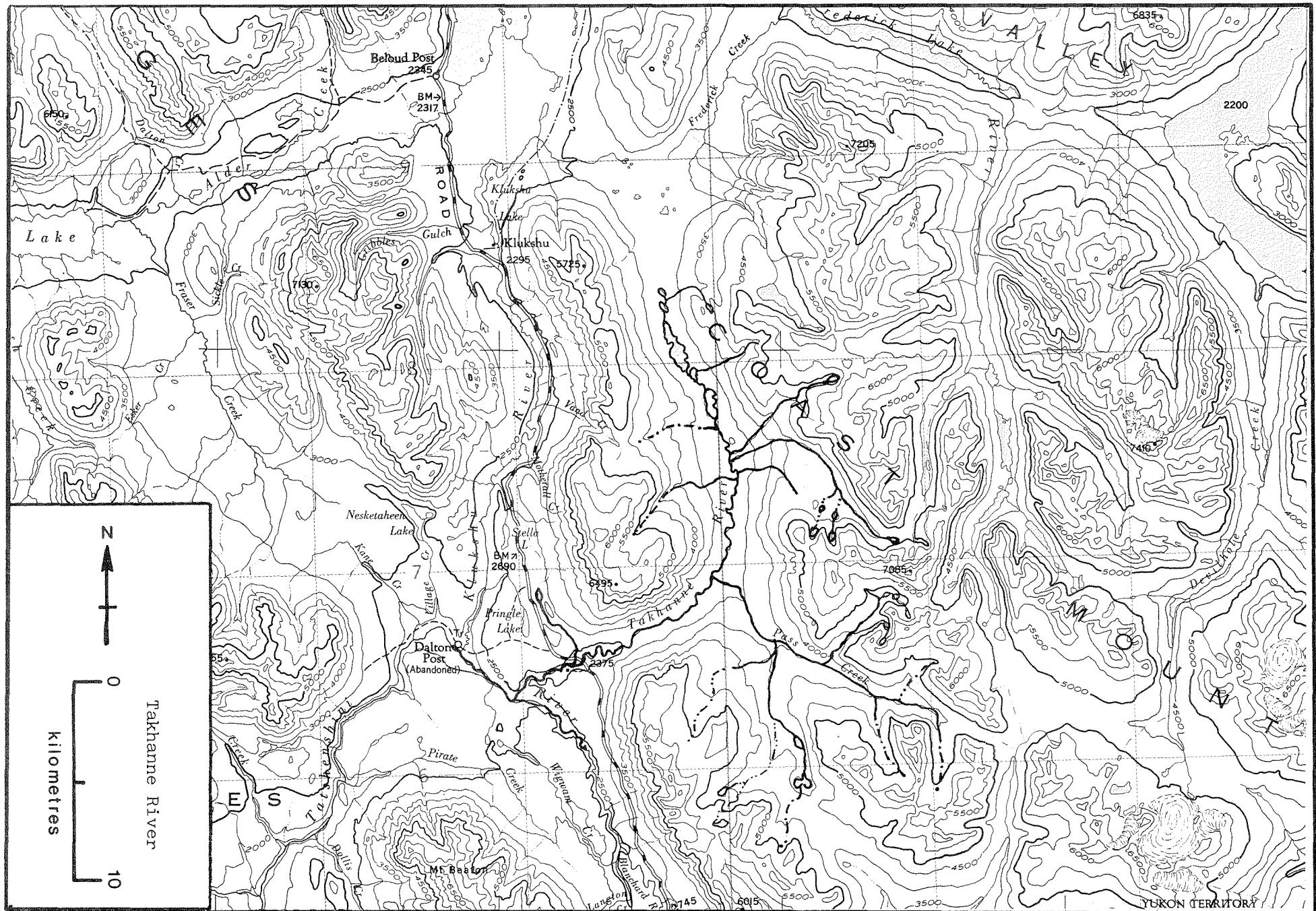
1981 Poor weather prevented surveys.

Predation: bears and birds.

ESCAPEMENT RECORD FOR LITTLE TAHLTAN 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						
73						
74						
75						
76						
77	5,000	650				
78	-	650				
79	2,500	100				
80	-	2,137				
81	N.I.	3,300				
82	-	2,830				
83						
84						
85						
TIMING						
ARRIVE	Jul	Jun-Jul				
START	Jul	Jul				
PEAK	Aug	Aug				
END	Aug	Aug				

REMARKS

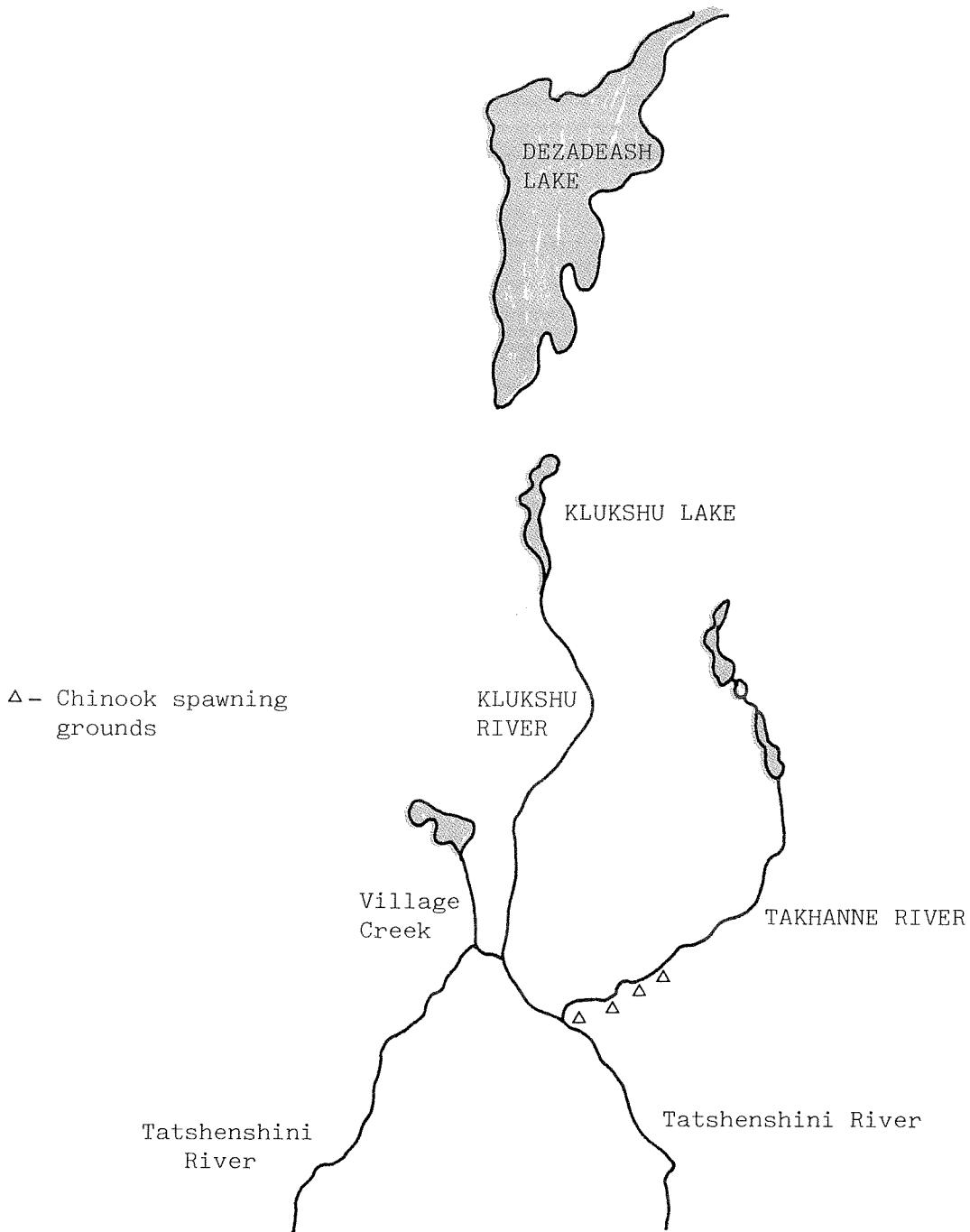


NAME OF STREAM	TAKHANNE RIVER (Takhene River)		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 130
LOCATION OF MOUTH	Flows into Tatshenshini River		
LENGTH	km	WIDTH	m
COMPOSITION: BEDROCK	BOULDER	COARSE	FINE
SILT & SAND	UNCLASSIFIED		
PERCENT GRADIENT			
0.00 - 0.25			
0.25 - 0.50			
0.50 - 0.75			
0.75 - 1.00			
> 1.00			
WETTED AREA	m^2	SPAWNING AREA	m^2
DISCHARGE (m^3/s)			
TEMPERATURE ($^{\circ}\text{C}$)			
BARRIERS OR POINTS OF DIFFICULT ASCENT	Impassable rock falls 30 m high 6km from mouth.		
SPAWNING DISTRIBUTION			
SPECIES	SECTION OF STREAM USED		
SOCKEYE	- evenly on available gravel up to falls.		
CHINOOK	- usually in lower .8km 1970 reported concentration at mouth.		
COHO	- evenly on available gravel.		
CHUM			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS 1972 Spawning up to falls. This river is mainly large boulders and is not conducive to large numbers of spawners. Very clear waters. Very few spawners this year -- reason unknown.			
Water levels	1965/67	low	
	1968	high	
	1970,72	normal	
	1979	high during June and Jul. normal during Aug. low during Sept. and Oct.	
	1980/82	normal seasonal fluctuations in water levels.	
Predation:	1967	heavy bear activity	1980/82 light predation.



Sketch of Takhanne River

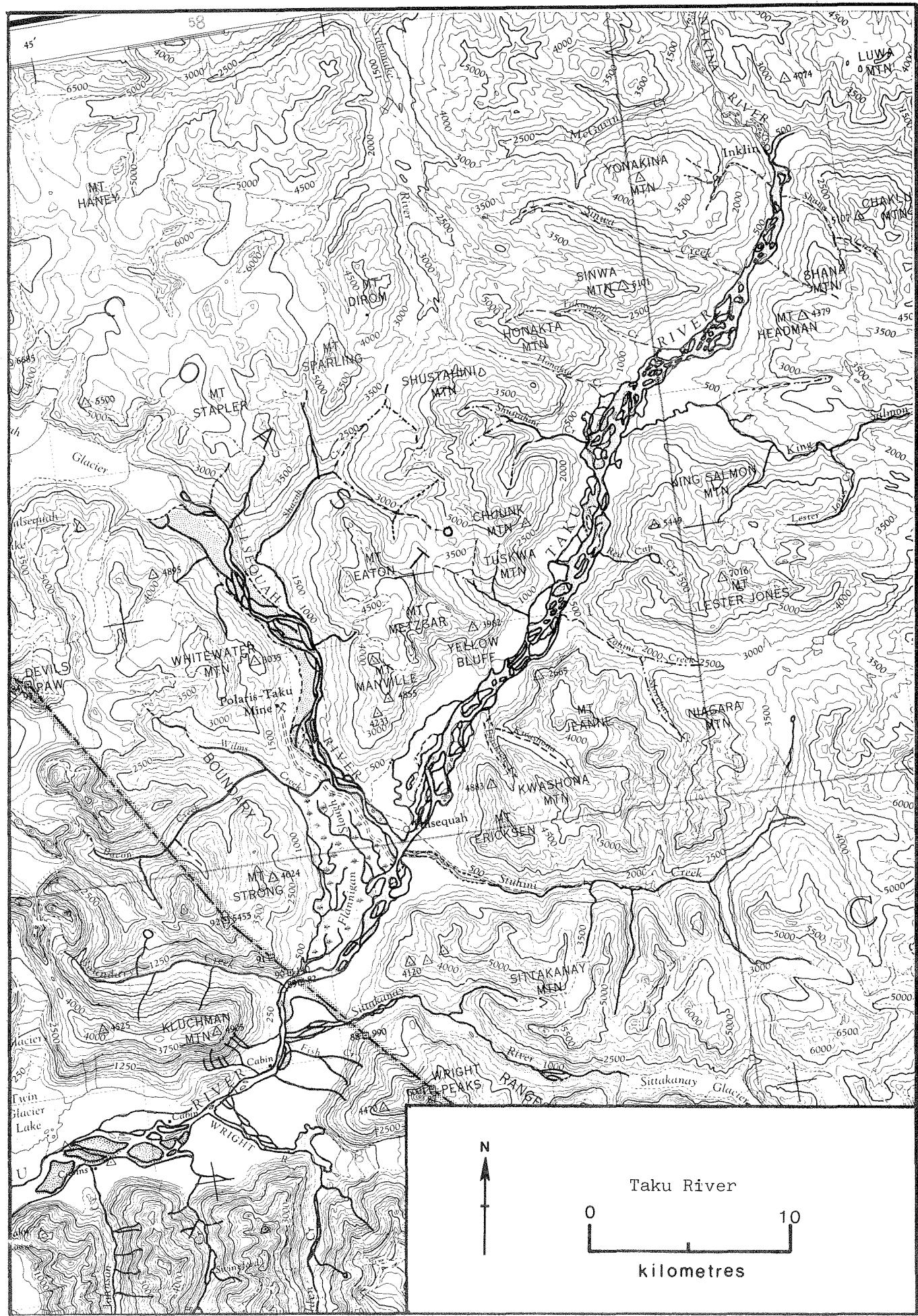
0 10
kilometres



ESCAPEMENT RECORD FOR TAKHANNE RIVER (Takhene 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		200				
66		200				
67		200				
68		200				
69		75				
70		75				
71		-				
72		205				
73		-				
74		-				
75		-				
76		25				
77		38				
78		25				
79		300				
80		250				
81	150	300	UNK			
82	50	110	UNK			
83						
84						
85						
TIMING						
ARRIVE	Jul	Jul	Sept			
START	Aug	Jul-Aug	Sept			
PEAK	Aug	Aug	Oct			
END	Aug	Aug	Oct			

REMARKS



NAME OF STREAM	TAKU RIVER		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 130
LOCATION OF MOUTH	Flows SW. across Alaska-B.C.Bdy. into Taku Inlet, Cassiar Dist.		
	POSITION 58 133 NW.		
LENGTH	passable to 90 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	- in slough areas		
COHO	- in small tributaries		
CHUM	- in main channel and slough		
PINK (ODD YEAR)	- in main channel		
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS			
1979 Salmon enumeration very difficult in this system due to poor access and turbid water conditions. 3000 sockeye observed in "South Fork Lake" and 2,000 sockeye observed in a tributary to "Bull Slough"			
1980 Approx. 750 sockeye and 200 coho in Bull Slough Creek and 3,000 sockeye and 500 coho in South Fork area.			
1981 No salmon observed in Bull Slough. No sockeye observed spawning in South Fork Lake -- approx. 350 sockeye holding near mouth of lake.			
10,000 to 15,000 chums observed in sloughs opposite King Salmon Flats.			
1979 Water levels: High in Jul. and Aug. low in Sept. rising Oct. low in Nov.			
1980 Silting in gravel bars in the King Salmon Flats area as a result of the Inklin River Landslide.			
Predation: light by bears and birds.			

ESCAPEMENT RECORD FOR TAKU 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						
73						
74						
75						
76						
77						
78						
79	30,000		6,000	300,000	60,000	
80	15,000		6,000	40,000	20,000	
81	10,000		5,000	200,000	10,000	
82	6,000		8,000	20,000	5,000	
83						
84						
85						
TIMING						
ARRIVE	H Jun		Jul-Aug	Jul	Jul	
START	Jul		Jul-Sept	Aug	Jul	
PEAK	Aug		Aug-Sept	Oct	Aug	
END	Sept-Oct		Aug-Nov	Oct	Aug	

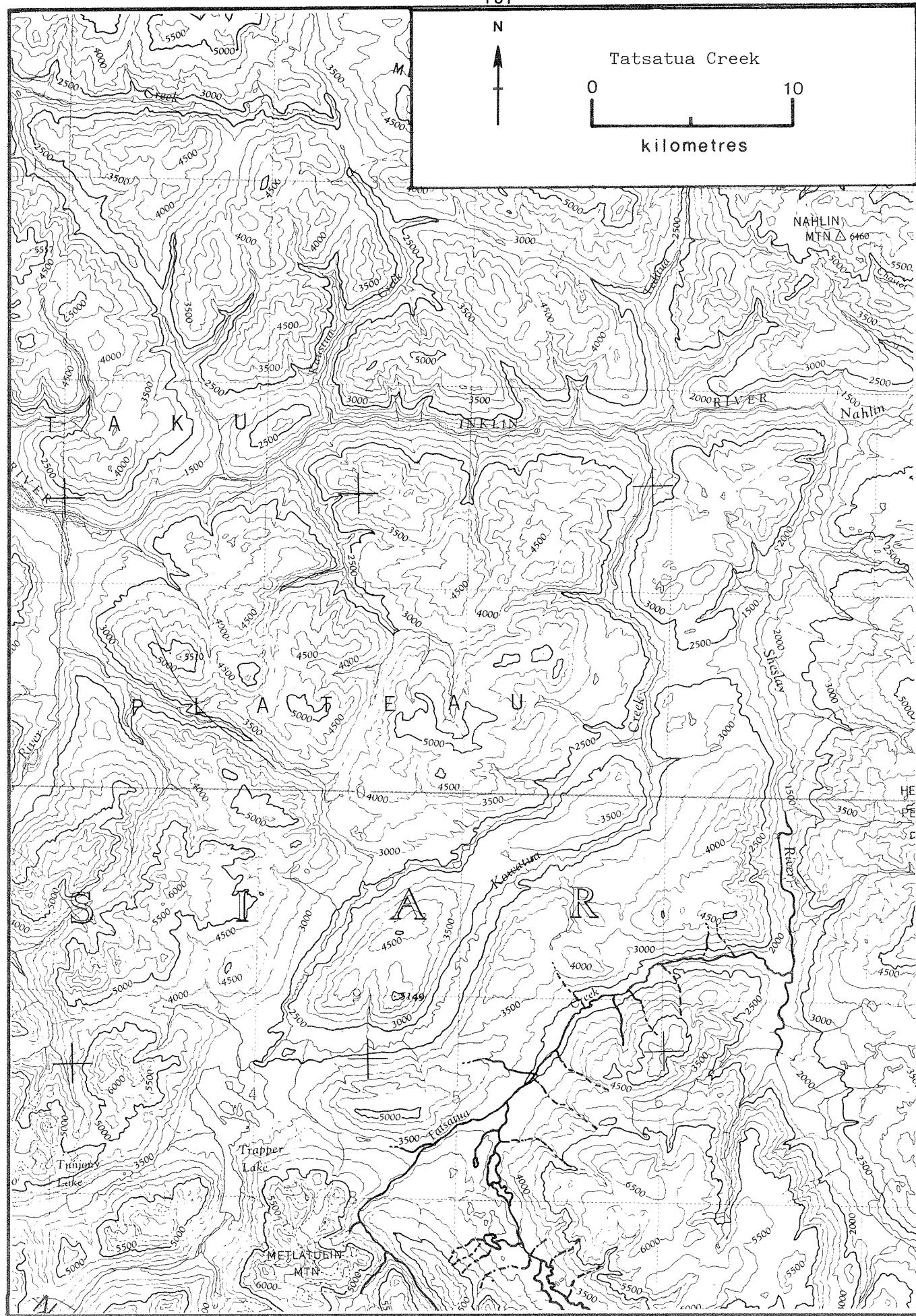
REMARKS _____

N

Tatsatua Creek

0 10

kilometres



NAME OF STREAM TATSATUA RIVER (Including Tatsamenie Lakes and Tributaries)
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130
 LOCATION OF MOUTH Flows NE. into Sheslay River, Cassiar Dist.
 POSITION 58 132 NE.
 LENGTH passable to 70 km WIDTH m DRAINAGE km²
 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 m²SPAWNING AREA m²DISCHARGE (m³/s)TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- usually in Tatsamenie Lake and close to outlet
CHINOOK	- in upper reaches of creek below the lake
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1971 The conditions in this stream make enumeration difficult.At best it retains a milky colour from glacial runoff. Steelhead are around 12-15 lbs. and in outfall area just below Tatsamenie Lake.1978 Combined Tatsamenie Lake and Tatsatua Creek into one stream report.Sport fish camp opened on Lake downstream of Tatsamenie Lake.1979 Sockeye timing could have been delayed because of the large earth slide which occurred on the Inklin River during the winter of 78/79. It is possible that the silt associated with the slide and difficulties associated with passage through the slide area delayed migration.

continued....

continuation

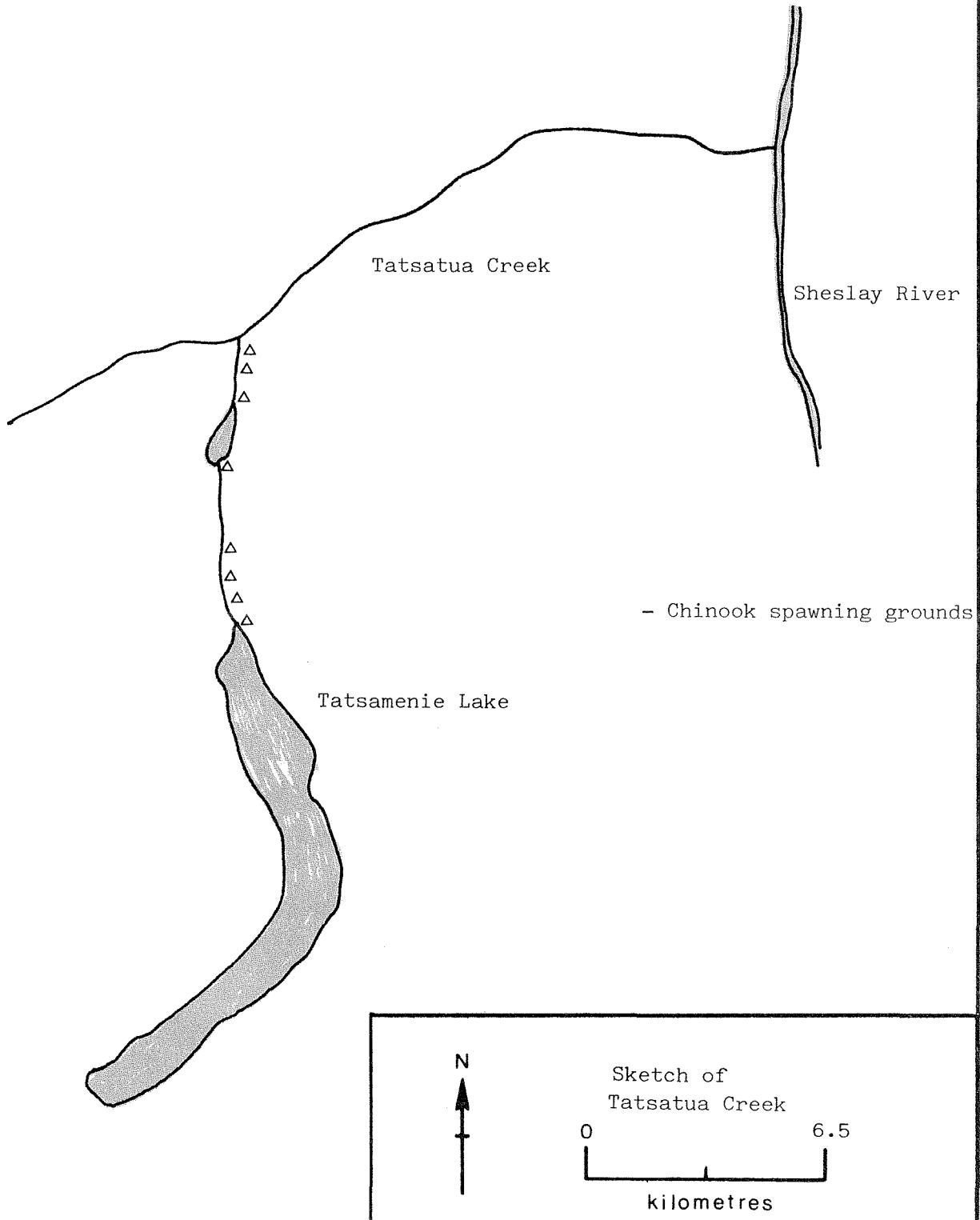
TATSATUA RIVER (including Tatsamenie Lakes and tributaries)

- 1980 Some beaver dam activity noted on the stream flowing from Big Tatsamenie Lake to Little Tatsamenie Lake. This did not appear to stop the migration this season but will have to be monitored to ensure that it does not affect it in years to come.
- 1981 A coho aerial survey of this area had to be cancelled due to snow showers.

Physical conditions:

- 1971/72 Silting from glacial runoff.
- 1979 Water levels high in Jun. and Jul. normal in Aug. low in Sept. Otherwise usual seasonal fluctuation in water levels.

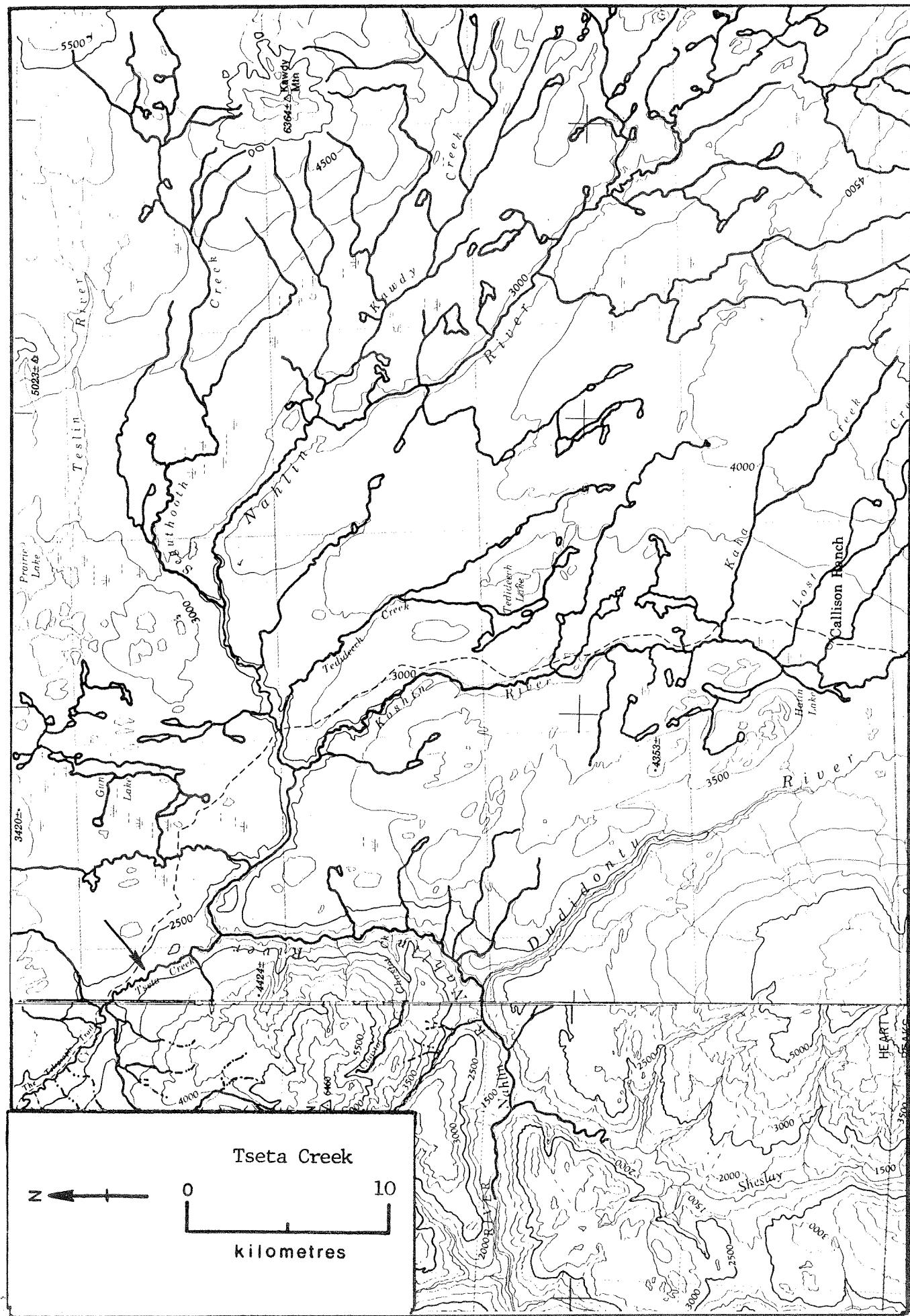
Predation: bears, eagles and Dolly Varden trout.



ESCAPEMENT RECORD FOR TATSATUA RIVER (includes Tatsamenie Lakes and tributaries)

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	1,500					75
72	400	200				
73	-	200				
74	200	200				
75	400	750				
76	620	-				
77		20				
78	5,000	550				
79	N/O	500				
80	2,500	2,000				
81	1,300	500		N.O.		
82	200	800				
83						
84						
85						
TIMING						
ARRIVE	Jul-Aug	Jun-Aug				
START	Jul-Aug	Jul-Aug				
PEAK	Aug	Jul-Aug				
END	Sept	Aug-Sept				

REMARKS



NAME OF STREAM TSETA CREEK
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130
 LOCATION OF MOUTH Flows SE. into Nahlin River, No. of mouth of Dudidontu R.
Cassiar Dist. POSITION 58 131 NW.
 LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²
 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 _____ m² SPAWNING AREA _____ m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT Impassable rock gorge and falls at 8 km.

SPAWNING DISTRIBUTION

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

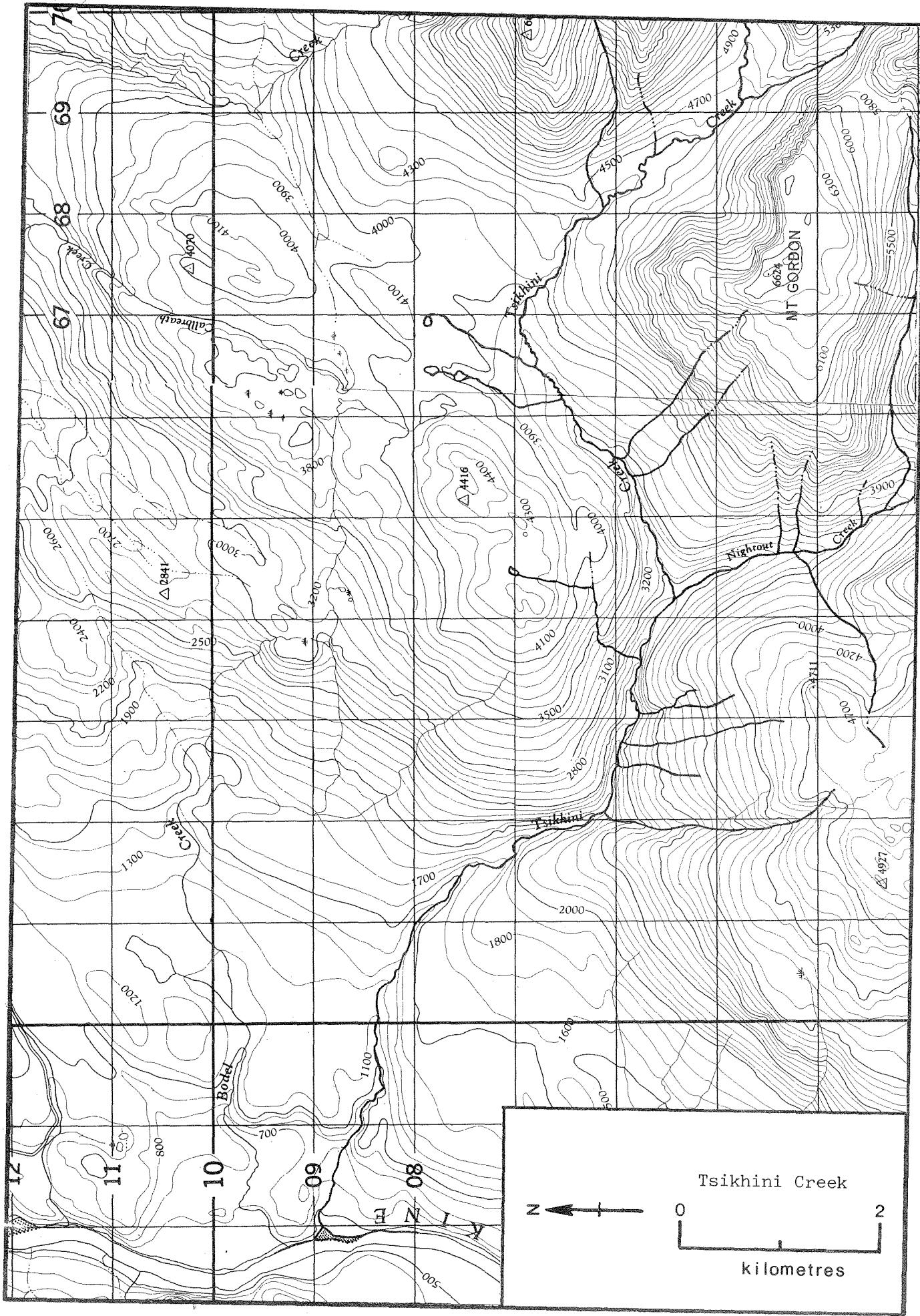
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS 1972 Good spawning river up to falls.Predators: eagles and bears.

ESCAPEMENT RECORD FOR TSETA 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		25				
72		25				
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
TIMING						
ARRIVE		Jul				
START		Aug				
PEAK		Aug				
END		Aug				

REMARKS



NAME OF STREAM TSIKHINI CREEK (Bear Creek)

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows West into Stikine River, up from Yehiniko Creek, Cassiar Dist.

POSITION 57 131 NE.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT Impassable falls and canyon 3.2km upstream

SPAWNING DISTRIBUTION UNKNOWN

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

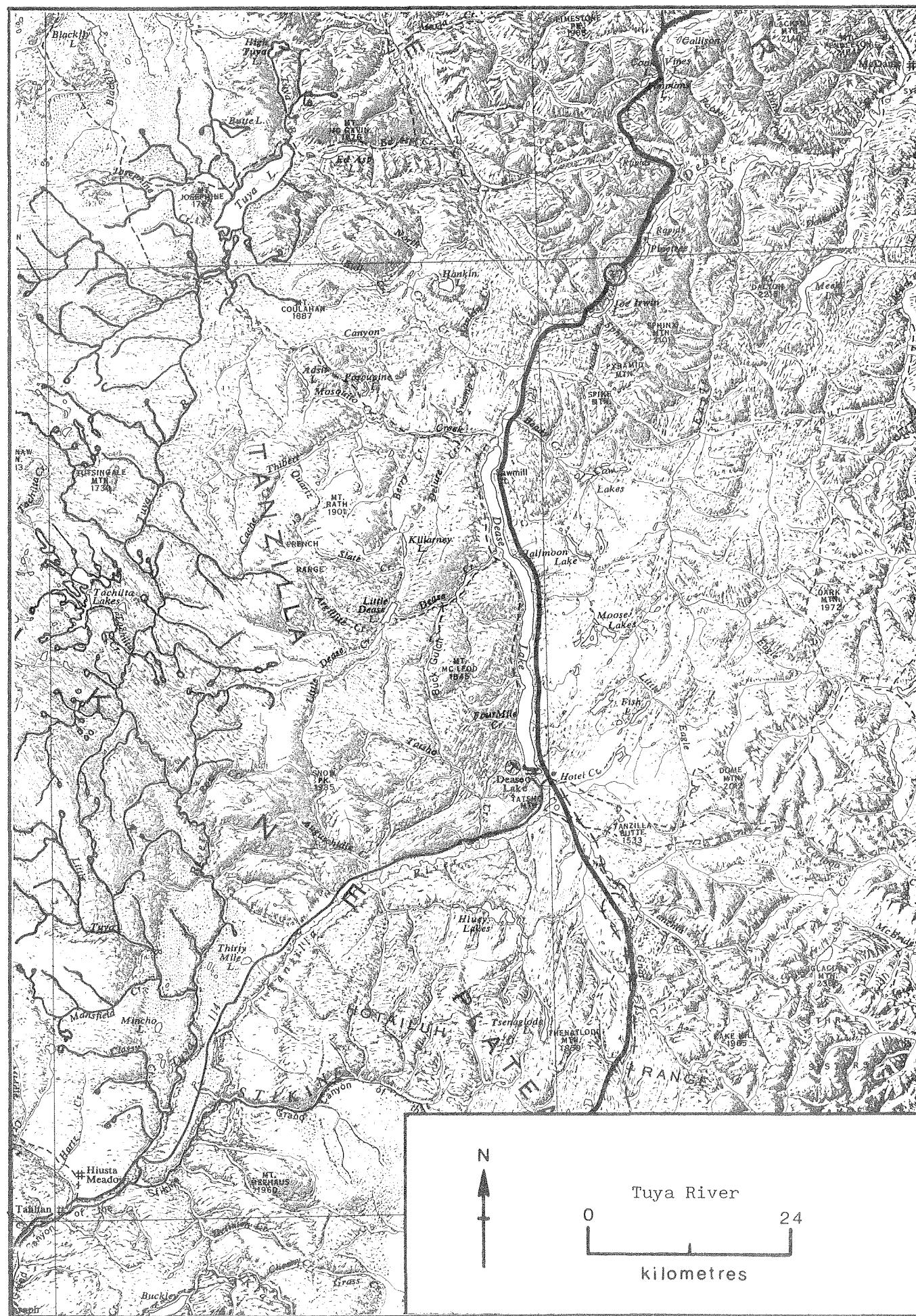
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

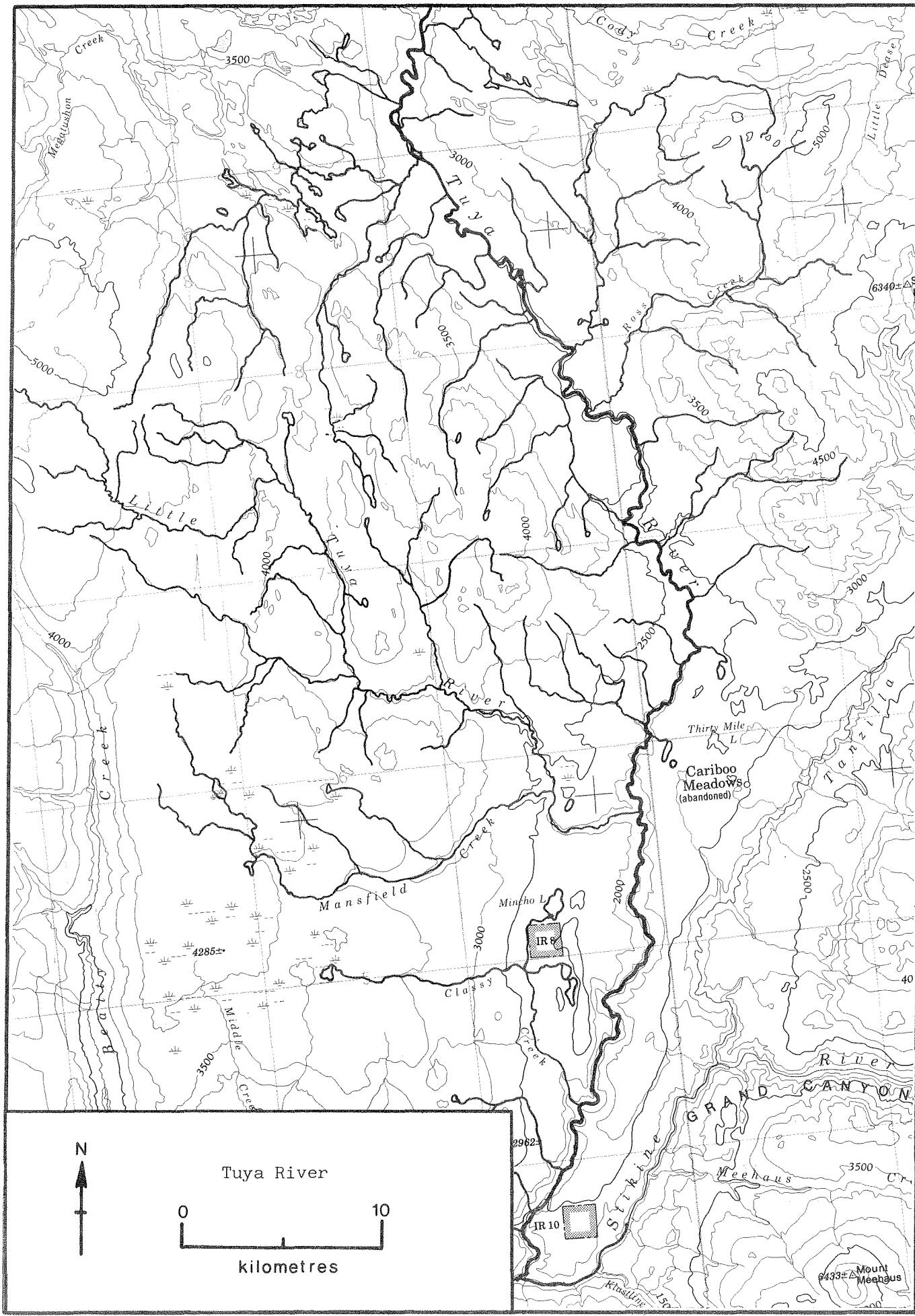
GENERAL REMARKS 1975 Glacial stream, fluctuates with rains and glacial melt.
Not very good spawning potential.
1980 Good visibility during aerial surveys, however no fish observed.
1981 No fish observed during several foot surveys.
1982 Very sporadic salmon producer.

ESCAPEMENT RECORD FOR TSIKHINI CREEK (Bear 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		25				
76		NONE OBSERVED				
77		NONE OBSERVED				
78		N.I.				
79		N.I.				
80		N.O.				
81		N.O.				
82		N.O.			11	
83						
84						
85						
TIMING						
ARRIVE		Jul			Jul	
START		Aug			Aug	
PEAK		Aug			Aug	
END		Aug			Aug	

REMARKS 1982 Data collected by Alaska Department of Fish and Game





NAME OF STREAM TUYA RIVER

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows S. into Stikine River about 9km above Tahltan River,
Cassiar Dist. POSITION 58 130 SW.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

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

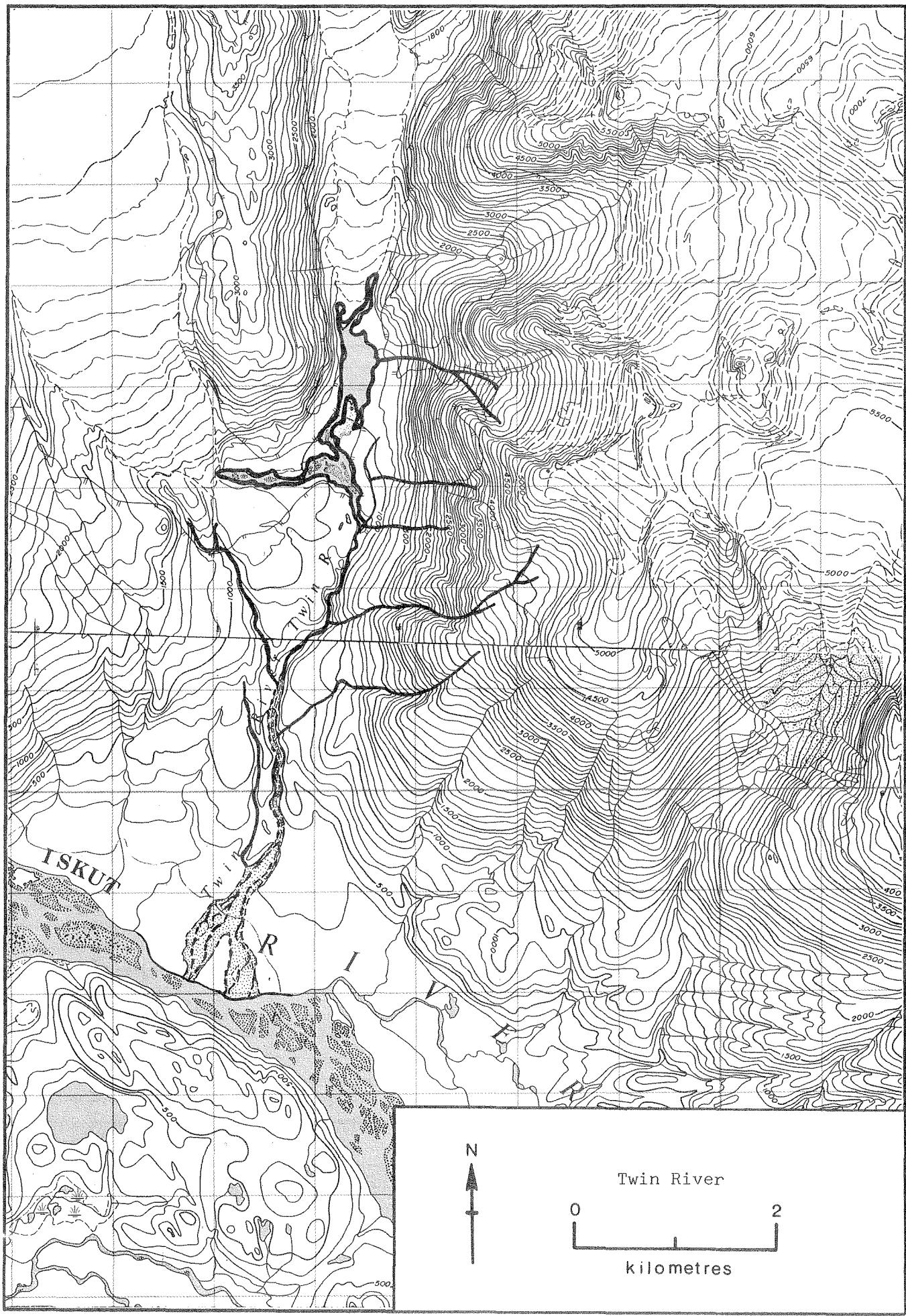
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS

ESCAPEMENT RECORD FOR TUYA 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		75				
72		40				
73		N/R				
74		N/R				
75		N/R				
76		N/R				
77		N/R				
78		50				
79		15				
80		NONE OBSERVED				
81		NONE OBSERVED				
82		N/O				
83						
84						
85						
TIMING						
ARRIVE		Jul				
START		Aug				
PEAK		M Aug				
END		L Aug				

REMARKS

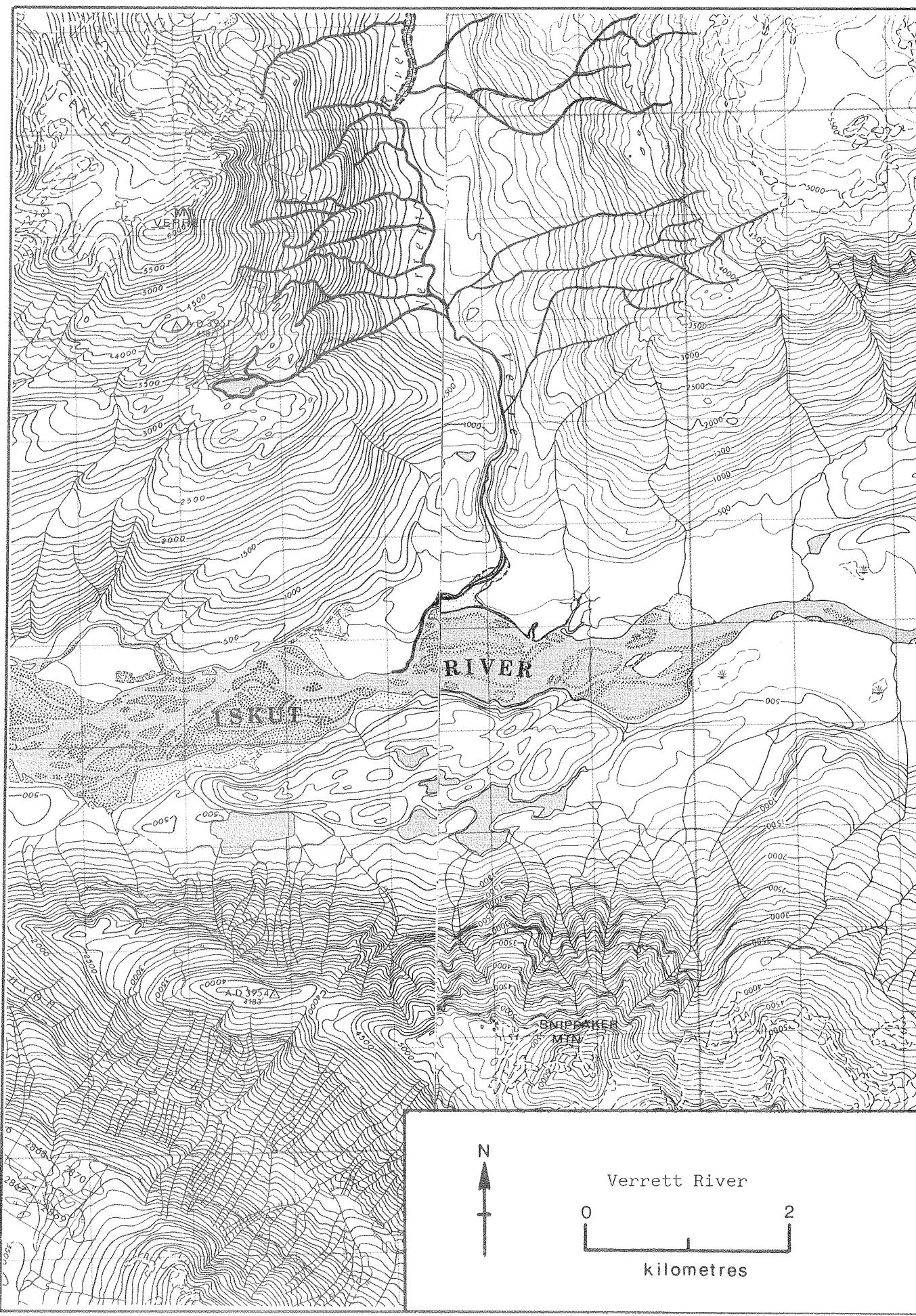


NAME OF STREAM	TWIN RIVER		
CONSERVATION DISTRICT	10	STATISTICAL AREA	SUB - DISTRICT 120
LOCATION OF MOUTH	Flows S. into Iskut River, E. of Hoodoo Mtn., Cassiar Dist.		
LENGTH	km	WIDTH	m DRAINAGE km ²
COMPOSITION: BEDROCK	BOULDER	COARSE	FINE
SILT & SAND	UNCLASSIFIED		
PERCENT GRADIENT			
0.00 - 0.25			
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			
PINK (ODD YEAR)			
PINK (EVEN YEAR)			
STEELHEAD			
POTENTIAL OF INACCESSIBLE PORTION OF STREAM			
GENERAL REMARKS No fish seen. Water levels normal, visibility poor to good during survey.			

ESCAPEMENT RECORD FOR TWIN 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						
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67						
68			.			
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82			NONE OBSERVED			
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM VERRETT RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows S. into Iskut River
 POSITION 56 130 NW.
 LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²
 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 _____ m² SPAWNING AREA _____ m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT Impassable steep canyon 5 km from mouth.

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- spawning usually occurs in pools at mouth of creek.
CHINOOK	
COHO	- in pools at mouth
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

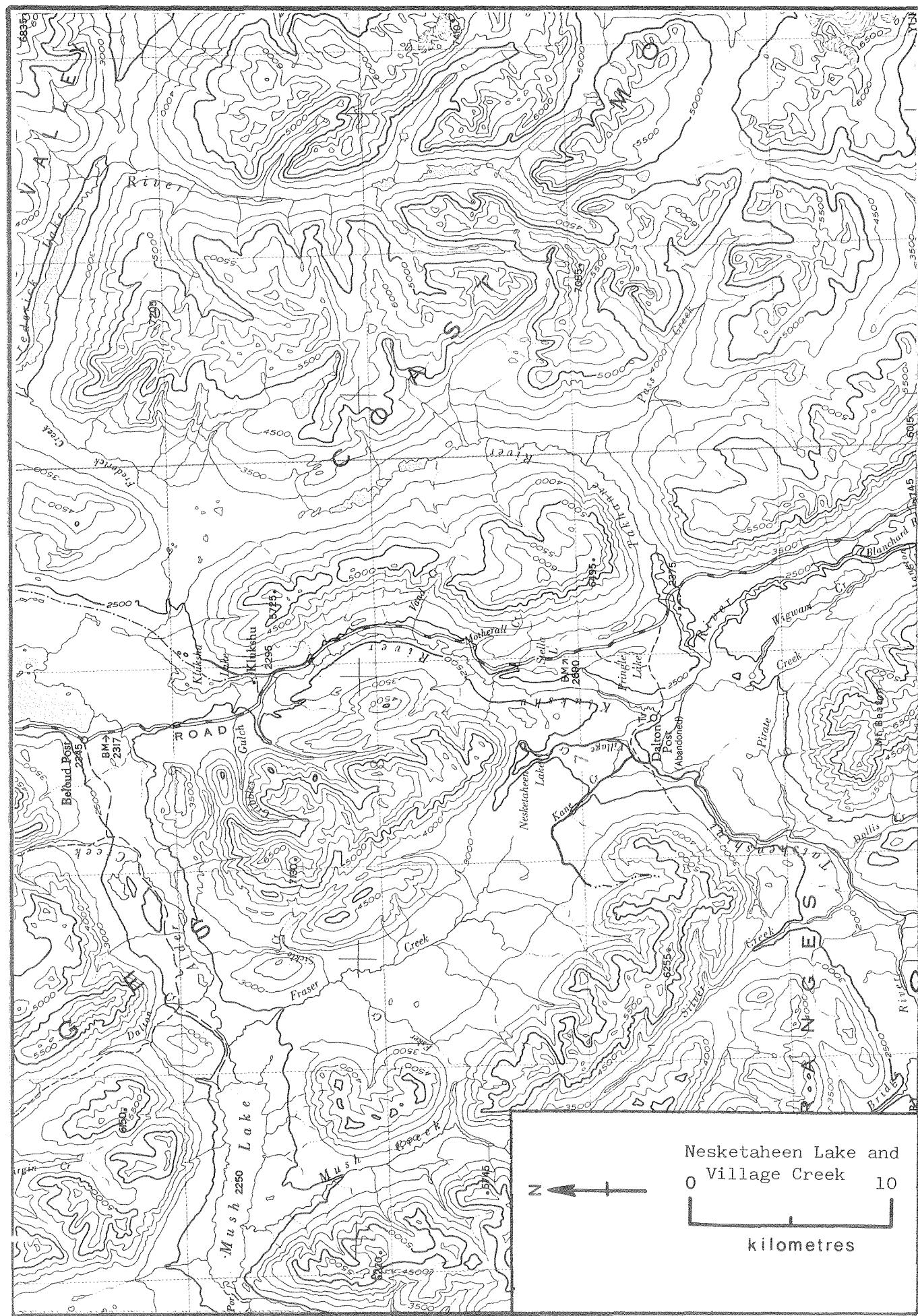
GENERAL REMARKS 1980 - Appears to be an excellent sockeye producer. No coho observed.
1981 - Sockeye surveys not carried out due to weather conditions.
1982 - Usually a very good sockeye and coho producing stream

Predation: 1980 reported numerous bears.
1981/82 bears and birds.

ESCAPEMENT RECORD FOR VERRETT 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						
73						
74						
75						
76						
77						
78						
79						
80	500		N.O.			
81	NOT INSPECTED		150			
82	25					
83						
84						
85						
TIMING						
ARRIVE	Jul		Sept			
START	Jul-Aug		Oct			
PEAK	Aug		Oct			
END	Aug-Sept		Nov			

REMARKS Data collected by Alaska Department of Fish and Game



NAME OF STREAM VILLAGE CREEK AND NESKETAHEEN LAKE
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130

LOCATION OF MOUTH Flows into Tatshenshini River

POSITION 60° 08' 137° 05'

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²

DISCHARGE (m^3/s)

TEMPERATURE ($^{\circ}C$)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	- mainly on gravel bars in lake -- a few in stream
CHINOOK	- downstream of old village site
COHO	- in stream
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1965 A narrow creek 4m wide.

1968 Very heavy concentration of sockeye in a lake of this size.

1969 Coho estimates difficult due to poor visibility and turbidity of water.

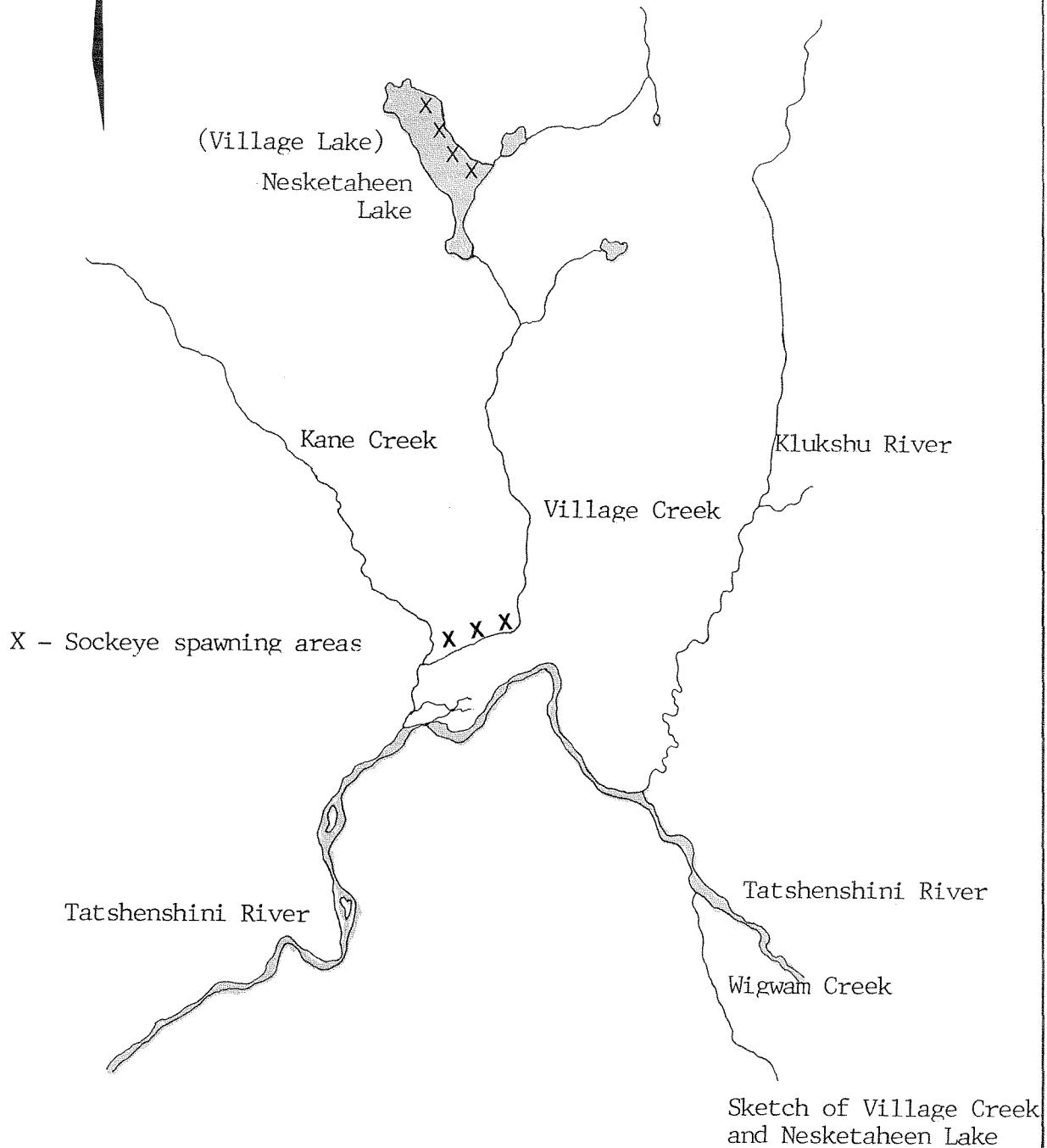
1970 A crossing was built on this stream and later removed resulting in heavy siltation. Permanent bridge will probably be erected in 1971.

1976 Approx 1-200 sockeye taken by Indian Food Fishery.

1977 Approx 200 sockeye spawn in Village Creek and 5000 in Nesketaheen Lake.

1978 Bears ripped out counting fence, so spawning figures are estimates.

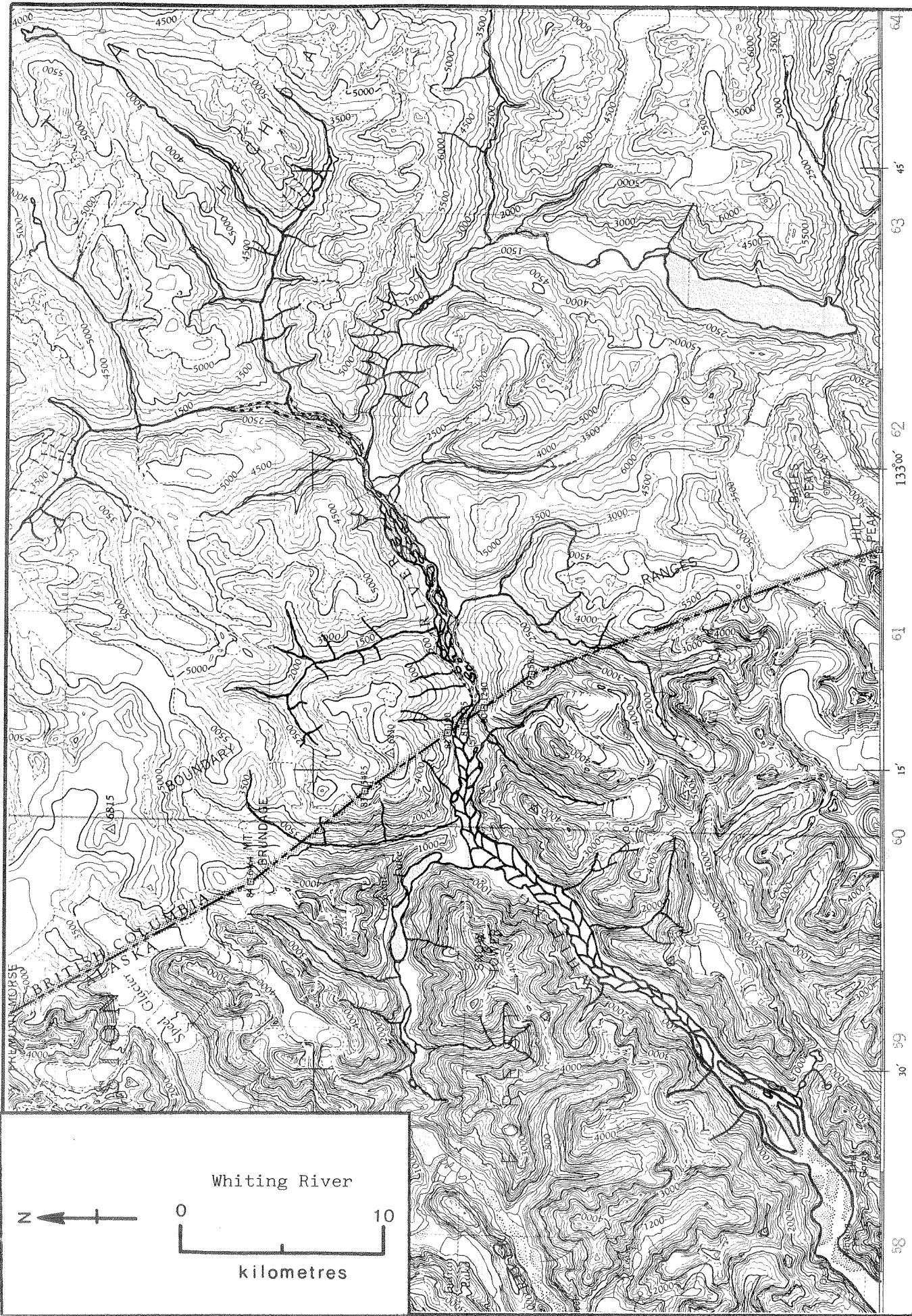
1979 A strong Indian Food Fishery and sport fishery on this system will have to be monitored.



ESCAPEMENT RECORD FOR NESKETAHIN LAKE & VILLAGE 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	1,500					
66	1,350					
67	3,500					
68	7,500					
69	3,500	-	750			
70	3,500	75				
71	3,500	25	75			
72	2,000		750			
73	1,500		1,500			
74	1,800					
75		NOT INSPECTED				
76	5,000	60	100			
77	5,000	10				
78	5,000	20				
79	2,000	50				
80	1,200	300				
81	3,500	300				
82	1,500	250				
83						
84						
85						
TIMING						
ARRIVE	Jul-Aug	Jun-Jul	Sept-Oct			
START	Jul-Sept	Jun-Jul	Sept-Oct			
PEAK	Jul-Sept	Jul-Aug	Oct			
END	Aug-Oct	Jul-Aug	Oct-Nov			

REMARKS



NAME OF STREAM WHITING RIVER
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130
 LOCATION OF MOUTH Flows West across Alaska/B.C.Boundary S. of Taku River, Cassiar.
 LENGTH km WIDTH m DRAINAGE km²
 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 m² SPAWNING AREA m²DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION UNKNOWN

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

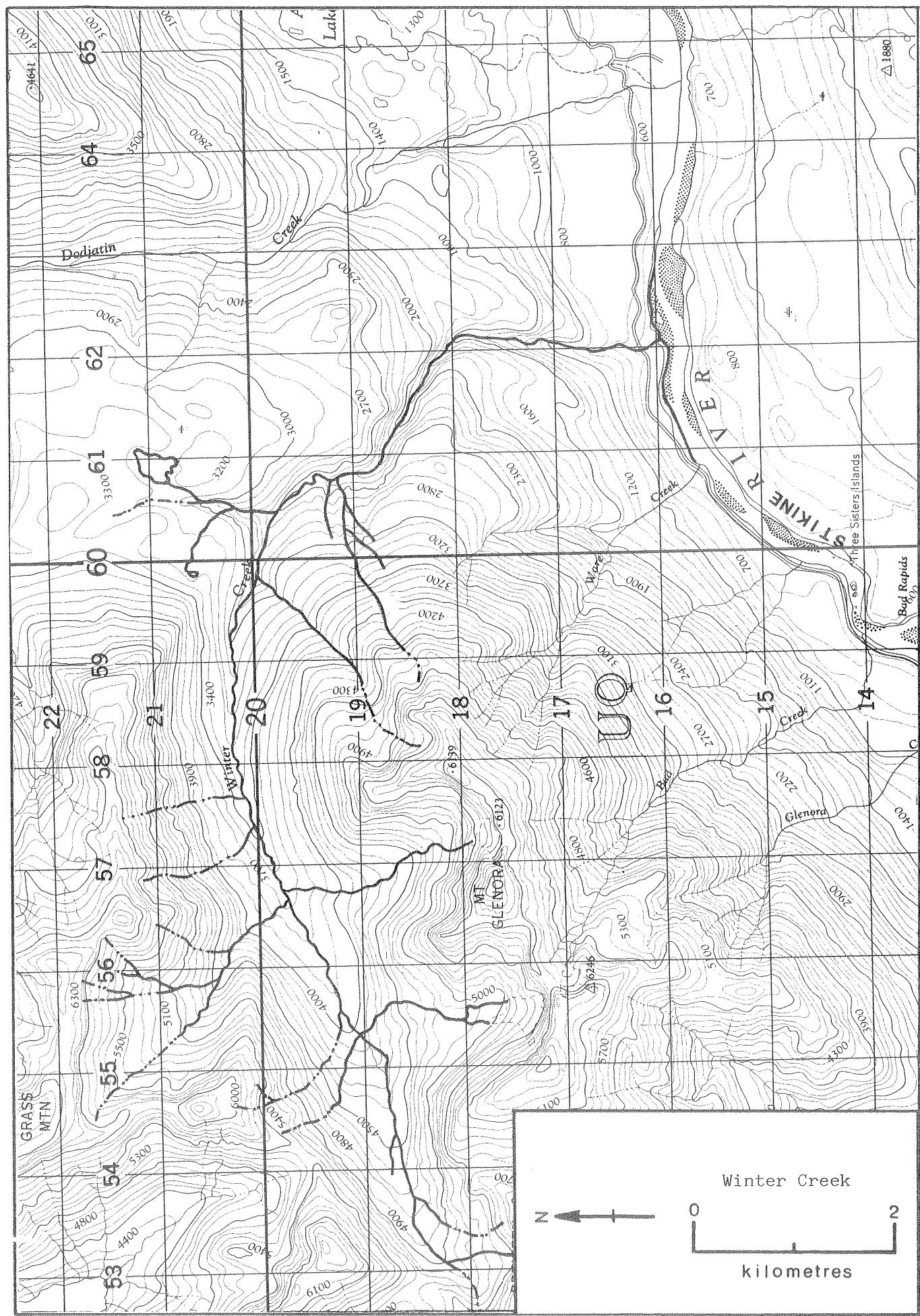
POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1982 Due to the distance of this stream from headquarters and its very turbid water, it is recommended that it be dropped from District Stream files until such time that funds become available to spend time in the area conducting studies.

ESCAPEMENT RECORD FOR WHITING 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						
73						
74						
75						
76						
77						
78						
79		UNKNOWN				
80		NOT INSPECTED				
81		N.I.				
82		N.I.				
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS _____



NAME OF STREAM WINTER CREEK

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows SE. into Stikine River, Cassiar Dist.

POSITION 57 131 NE.

LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²

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 _____ m² SPAWNING AREA _____ m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

BARRIERS OR POINTS OF DIFFICULT ASCENT _____

SPAWNING DISTRIBUTION

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

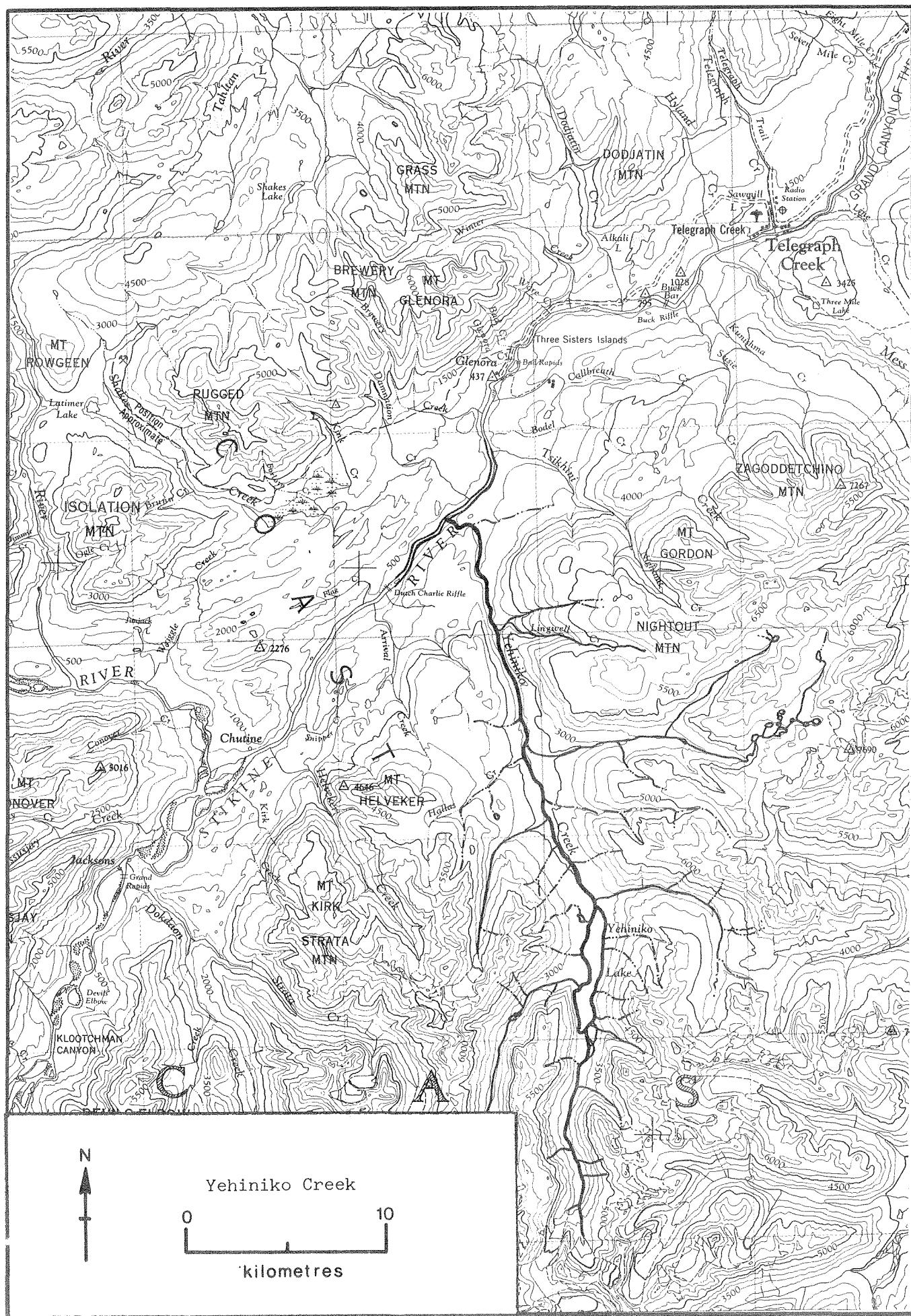
POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS Marginal salmon producer only, glacial stream.

ESCAPEMENT RECORD FOR WINTER CREEK

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
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71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82					9	
83						
84						
85						
TIMING						
ARRIVE					Aug	
START					Aug	
PEAK					Aug	
END					Aug	

REMARKS



NAME OF STREAM YEHINIKO CREEK (Glacier Creek)
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120
 LOCATION OF MOUTH Flows N.W. into Stikine River, S. of Tsikhini Creek, Cassiar Dist.
POSITION 57 131 NE.
 LENGTH _____ km WIDTH _____ m DRAINAGE _____ km²
 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 _____ m² SPAWNING AREA _____ m²DISCHARGE (m³/s) _____

TEMPERATURE (°C) _____

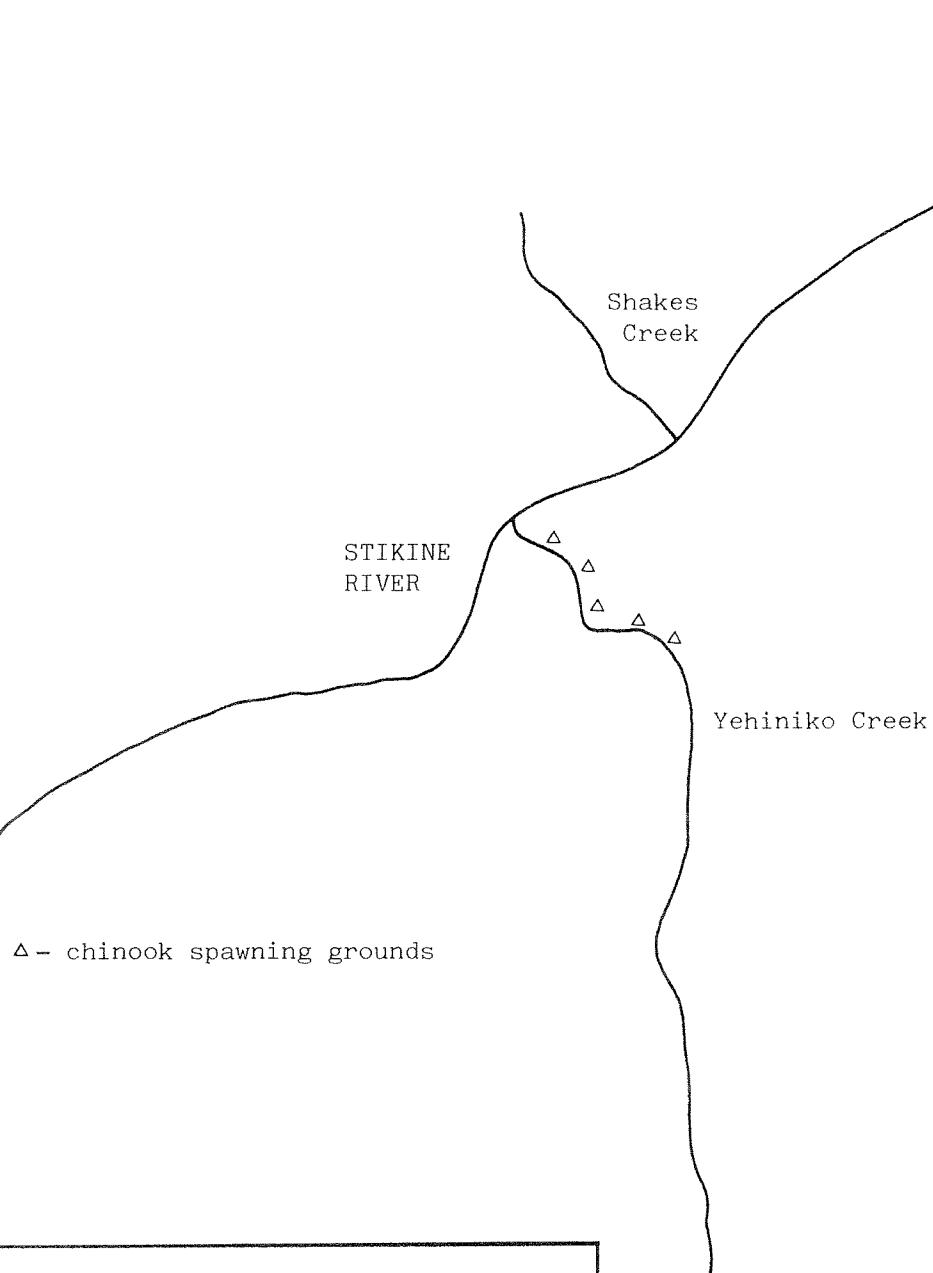
BARRIERS OR POINTS OF DIFFICULT ASCENT Impassable falls and canyon at 3.2km.

SPAWNING DISTRIBUTION

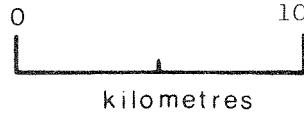
SPECIES	SECTION OF STREAM USED
Sockeye	
Chinook	- in lower reaches, near mouth.
Coho	
Chum	
Pink (odd year)	
Pink (even year)	
Steelhead	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM _____

GENERAL REMARKS 1975 New stream. Very poor spawning gravel also quite glacial at times.
1980 Too glacial to survey.



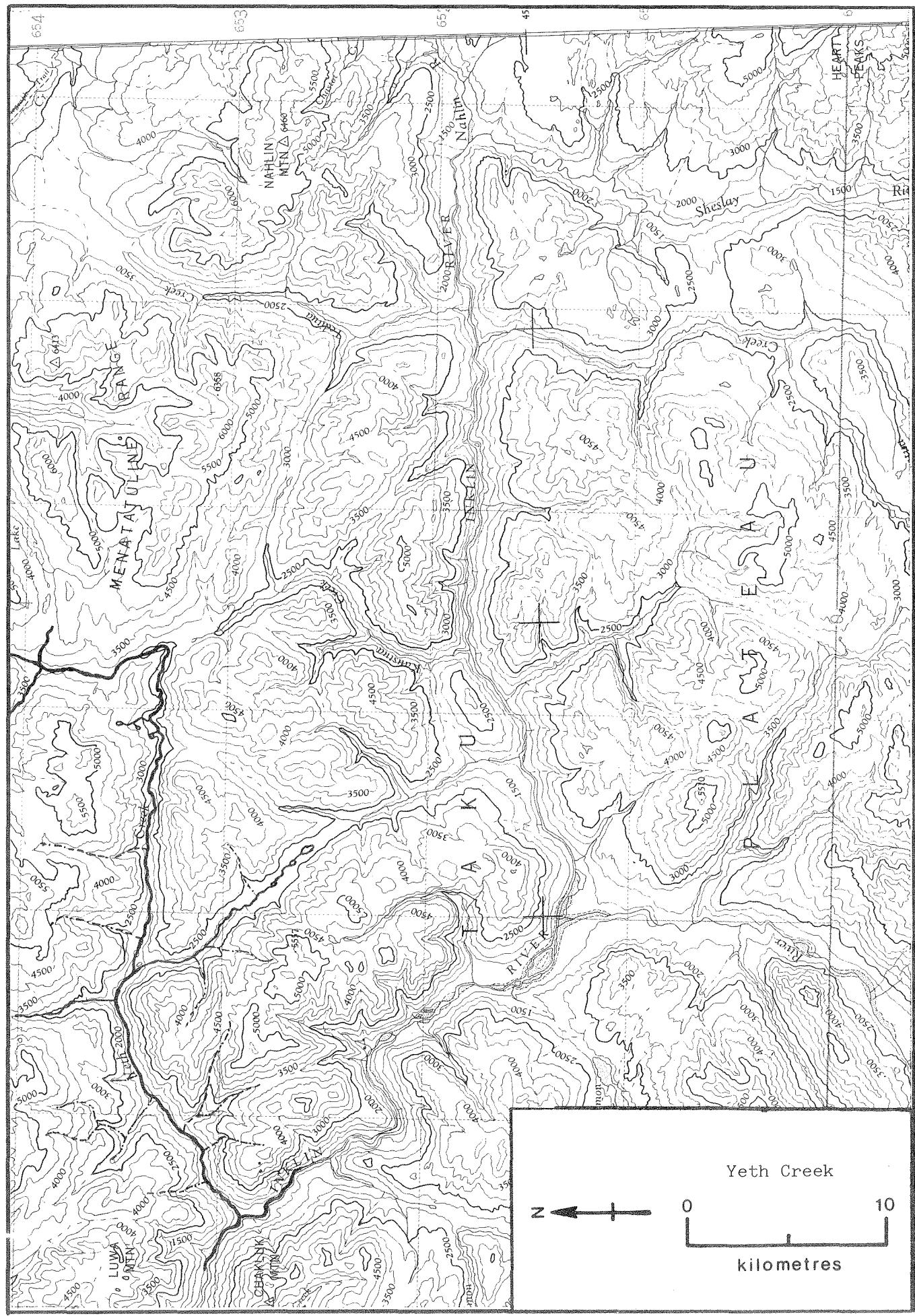
Sketch of
Yehiniko Creek



ESCAPEMENT RECORD FOR YEHINIKO CREEK (Glacier Creek)

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
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65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75		25				
76		N.I.				
77		N.I.				
78		N.I.				
79		N.I.				
80		N.O.				
81		N.O.				
82	N.O.	1				
83						
84						
85						
TIMING						
ARRIVE		Jul				
START		Jul-Aug				
PEAK		Jul-Aug				
END		Jul-Aug				

REMARKS



NAME OF STREAM YETH CREEK

CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 130

LOCATION OF MOUTH SE. into Inklin River, Cassiar Dist.

POSITION 58 133 NE.

LENGTH 40 km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

SPECIES	SECTION OF STREAM USED
SOCKEYE	
CHINOOK	- distributed over 8km in upper river.
COHO	- " " "
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS 1971 This creek has wide gravel bars on each side. It is not deep and therefore with high water conditions it overflows the channel quite easily

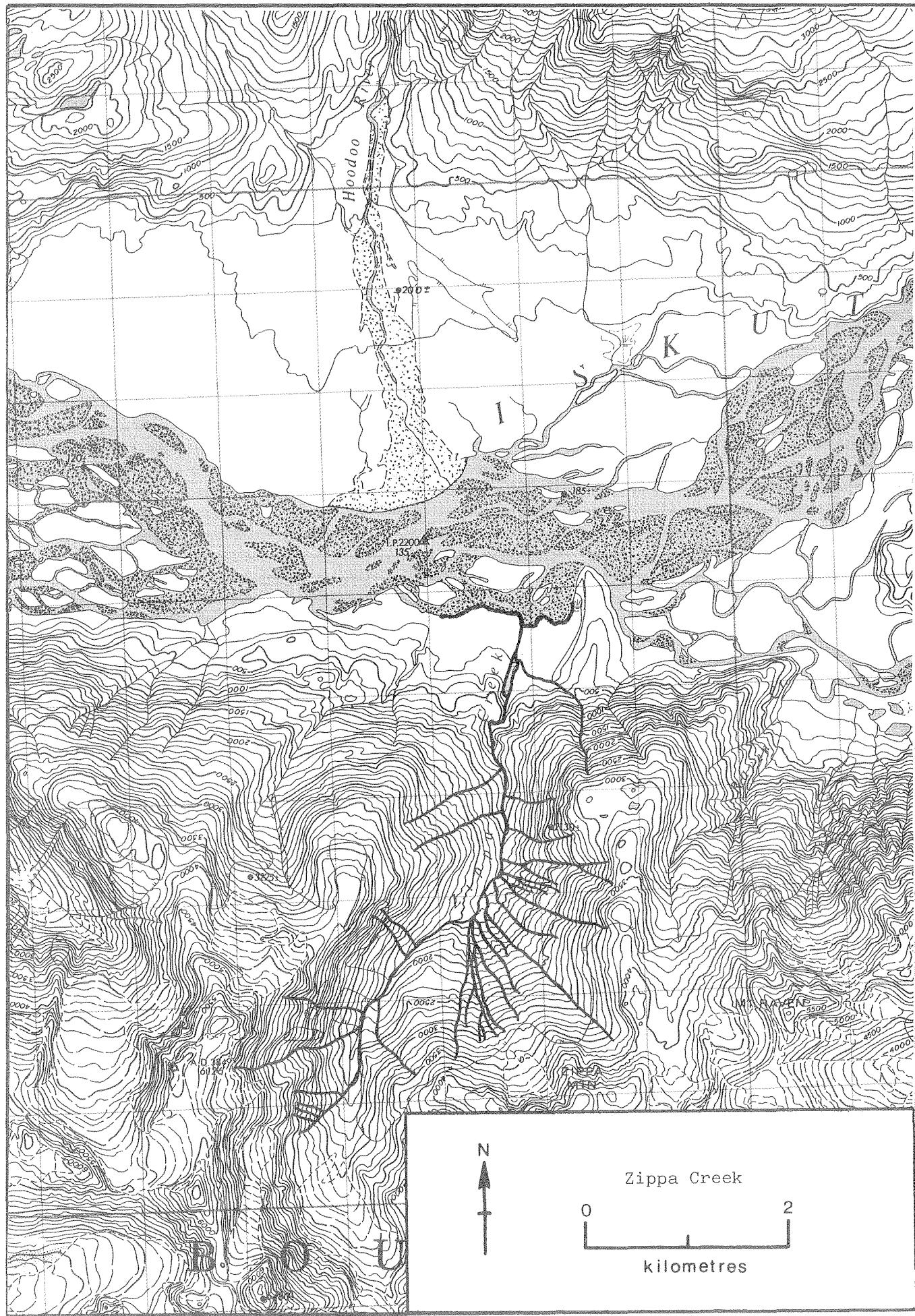
1972 Flat valley floor with flood plain. Course changes quite often.

Predators: bears and eagles.

ESCAPEMENT RECORD FOR YETH CREEK

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
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52						
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55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71		25	25			
72		25	75			
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
TIMING						
ARRIVE		Jul-E Aug	L Aug			
START		E Aug	L Aug-Sept			
PEAK		M Aug	Sept			
END		M Aug	Sept-Oct			

REMARKS



NAME OF STREAM ZIPPA CREEK
 CONSERVATION DISTRICT 10 STATISTICAL AREA SUB - DISTRICT 120

LOCATION OF MOUTH Flows N. into Iskut River, East of Inhini River, Cassiar Dist.

POSITION 56 131 NE.

LENGTH km WIDTH m DRAINAGE km²

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 m² SPAWNING AREA m²

DISCHARGE (m³/s)

TEMPERATURE (°C)

BARRIERS OR POINTS OF DIFFICULT ASCENT

SPAWNING DISTRIBUTION

UNKNOWN

SECTION OF STREAM USED

SOCKEYE	
CHINOOK	
COHO	
CHUM	
PINK (ODD YEAR)	
PINK (EVEN YEAR)	
STEELHEAD	

POTENTIAL OF INACCESSIBLE PORTION OF STREAM

GENERAL REMARKS Checked by A.D.F.G. no fish seen.

ESCAPEMENT RECORD FOR ZIPPA CREEK

YEAR	SOCKEYE	CHINOOK	COHO	CHUM	PINK	STEELHEAD
1947						
48						
49						
50						
51						
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54						
55						
56						
57						
58						
59						
60						
61						
62						
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67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
		NONE OBSERVED				
83						
84						
85						
TIMING						
ARRIVE						
START						
PEAK						
END						

REMARKS Data collected by Alaska Department of Fish and Game

METRIC EQUIVALENTSLength

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 ($^{\circ}\text{C}$) = $5/9$ (Degrees Fahrenheit - 32)
 Degrees Fahrenheit ($^{\circ}\text{F}$) = $9/5$ (Degrees Centigrade) + 32