ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

FISH SAMPLING SUMMARY

WATER NAME Junction Lake

LOCATION Lk. Louise Rd, 1/4 mile

DATE	TYPE GEAR	FISH SPECIES*	AGE CLASS	NUMBER IN SAMPLE	HOURS OF EFFORT	LENGTH RANGE MM	MEAN LENGTH MM	~~WEIGHT~~ FREQ. RANGE	~~MEAN WEIGHT~~ %
6/8/67	125' Exp	GR		16	18	210-182	190	.9	100
6/12/68	Gill Net	GR		29	18	290-243	265	1.6	100
7/11/60	None								
5/30/23	125	GR		71	24	110-380	211	3.0	100%
7/13/76	125	GR		39	20	230-350	283	1.95	100%
1981	4 Fyke Nets-								
5/28/82	(2) fyke nets	GR	ice present 38°F	35	11.3			3.10	100
5/29/82	(3) fyke nets	GR	ice present 39°F	324	52.75			7.1	100
5/30/82	(4) fyke nets	GR	ice done 41°F	309	85.51			3.61	100
5/31/82	(4) fyke nets	GR	44°F	380	79.5			4.03	100
6/1/82	(4) fyke nets	GR	49°F	151	73.5			2.05	100
10-2-87	4 Fyke Nets. Baited	GR	-	112	123hrs 46min	83mm-324	149	~~0~~.9	100% data in file
10-1-87	4 Fyke Nets.	GR		59	97hrs 20min	93-322	151	~~0~~.6	100% data in file
6-10-99		GR		10	24	264-311	282	.42	100

*RB — RAINBOW TROUT
BT — BROOK TROUT
SS — SILVER SALMON
CT — CUTTHROAT
LT — LAKE TROUT
DV — DOLLY VARDEN
AC — ARCTIC CHAR

SH — STEELHEAD
KS — KING SALMON
WF — WHITEFISH
SK — SUCKER
SB — STICKLEBACK
CD — COTTIDAE sp.
S — SHEEFISH

RS — RED SALMON
BB — BURBOT
GR — GRAYLING
P — PIKE
DS — CHUM SALMON
PS — PINK SALMON
K — KOKANEE

2/69
FG-210

TEST-NETTING SUMMARIES
1962

FG-53

Water: Junction lake
Location: mi. 14 lake louise road
Dates: 6/7/62 to 6/8/62
Total Hours Fished: 18

Gear Used: 125 foot mono NET.

Temperature, Air:
Water: 62°F
Weather: Cloudy

No.	Species	Length Range-Ave.		Weight Range-Ave.		Total Weight	Freq.	% Comp.
16	GRAYLING	182-210mm.	190				.9	100

REMARKS: (Sketch or describe location of set(s)

Submitted by: Fred T. W. Illsons

ACE 9344774-HFF

JUN 2 6 1969

TEST-NETTING SUMMARIES
196 8

FG-53

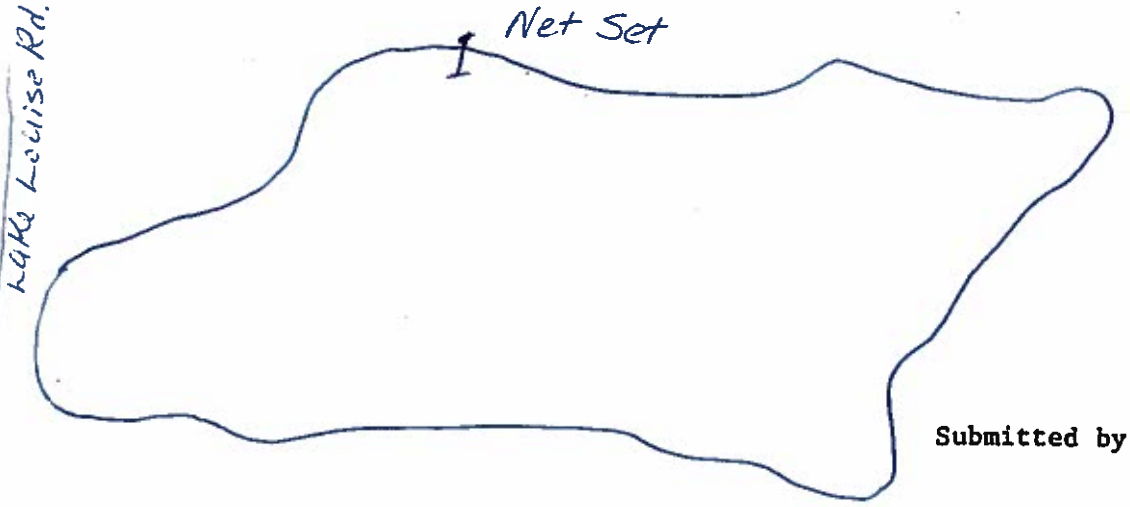
Water: Junction Lake
Location: Lake Louise Junction
Dates: June 12, 1968
Total Hours Fished: 18 hrs.

Gear Used: Gil Net

Temperature, Air:
Water: 64
Weather: Clear and sunny

No.	Species	Length Range-Ave.		Weight Range-Ave.		Total Weight	Freq.	% Comp.
26	Grayling	243-290	265				1.6	100%
3	Released							

REMARKS: (Sketch or describe location of set(s)



Submitted by: Jackson

ACE 9344773

LK Code 184

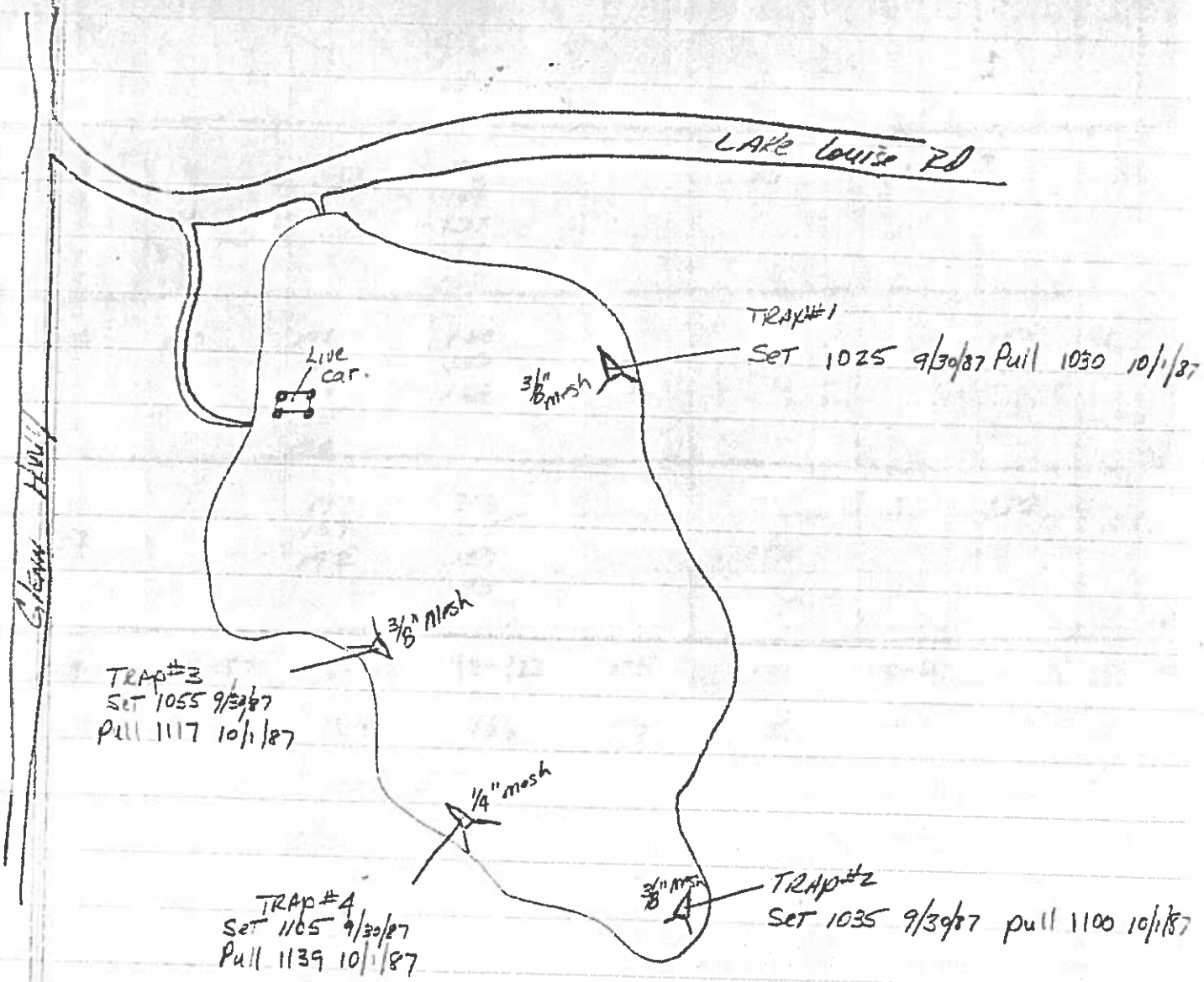
Junction Lake ⅄ Grayling fyke Netting

W. Potterville & D. Reed

MAX depth 19'

18 surface Acres.

Pulled 10-1-87 (DAY #1)



Fyke Net hours = 97 hrs 26 minutes

TOTAL 59 Grayling captured, measured & recorded on 9-30-87. These grayling were held overnight in A Live Car. Six fyke nets were baited with Salmon eggs & reset —— See Attached Sheets.

Junction Lk. Fyke Net data (Arctic Grayling)

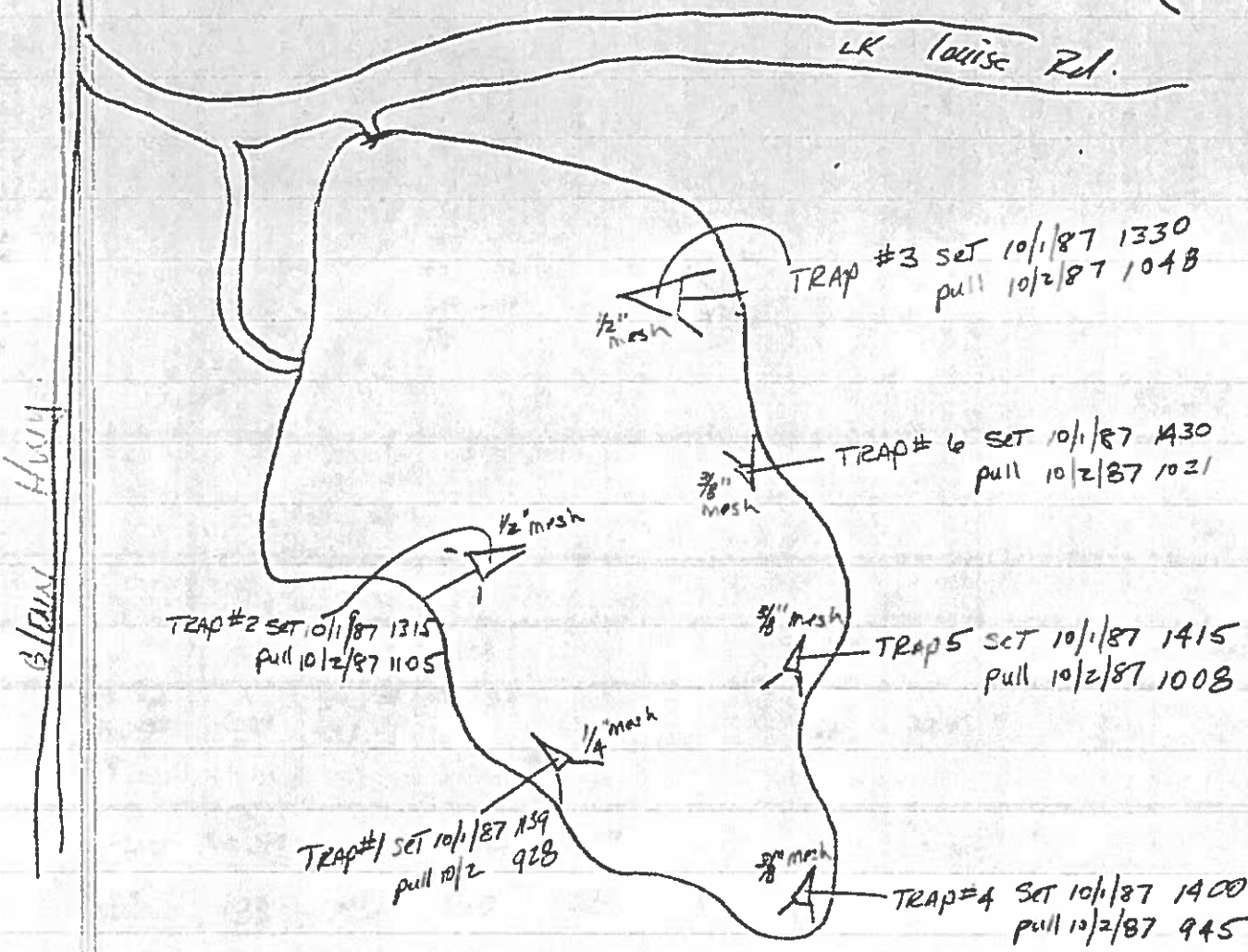
pull date 10/1/87

Fyke Net #	Fin clip									
	LV	RV	AD	NO clip	AD + up caudal	AD + Low Caudal	AD + LV	AD + RV	LV + RV	TOTAL
1	134mm 139 136 123 126	123mm 132 118 138	156mm 143	322mm 147 149 158 147 154 182	175mm		137mm 132	131mm		22
2	128 124	136 147 124 136 141	141	193 144 137 137 150		139	141			15
3	151	150	198 157 159 135 194	160 156 148				153	141	12
4	131 132		197 157 192	208 210 159 93				120		10
Range	123-151	118-150	135-198	93-322	175	139	132-141	120-153	141	TOTA
Average	132	135	166	166	175	139	137	135	141	

RANGE All TRAPS 93mm – 322mm

Average All TRAPS 151mm

Junction Lake (Lk Code #184) 9r. fyke Netting pulled 10-2-87 (DAY # 2)
W. Pottenville & D. Reed.



TRAP #4 was collapsed by the heavy snow. This TRAP only had 1 9r in it. A 107mm Right Vent fin clip.

Fyke Net hours figuring trap #4 As a full set is 123 hrs 46 minutes. Discounting TRAP #4 makes it 109 hours 41 minutes

Junction LAKE

Grayling Fyke Netting Day #2, Oct 1, 87

Fyke Net #	LEFT VENT	Right VENT	ADIPOSE	ADIPOSE CLIP	ADIPOSE UP CAUDAL	ADIPOSE LOW CAUDAL	ADIPOSE LV	ADIPOSE RV	LV + RV	TOTAL
1	105	133		162 167			134 122 132			7
2	132, 128 124, 145 150, 121 136, 129 143, 123	132, 123 139, 138 149, 145 137, 132 130, 119 127, 131 134, 144 146, 133 102	192, 202 274, 207 190, 131 105, 123	93, 83 156, 133 174, 143 145, 142 151, 156 128, 200 89	176 179	137	161, 142 132, 144 142, 147 134	130, 137 140, 125 105, 140 126, 117		76
3			324, 176 190, 198 198, 202	308 177						8
4		139								1
5	151	138	137 212	218			133, 126			7
6	130, 113 139, 151 139	127	156, 154 137	102, 137			141	125		13
Range	105-151	102-149	123-324	83-308	176-179	137	122-161	117-140		
Average	133	133	196	160	178	137	139	128		

112 fish

Range All Traps 83 mm — 324

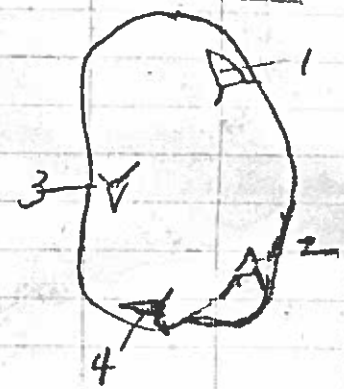
Average All Traps. 149 mm

JCT LK. 9-30-87 Hwy Road Baker

Fyke Net

Traps #1 10:25 Pull 10-1-87 1030
2 10:35 1100
3 10:55 1117
4 11:05 1139

LK House PQ



OCT 1, 87 JCT LK Porterville & Hwy Road

T=59

Fyke Net #1 1030 hrs 10-1-87

Gr. LV	RV	AD	No. Clip	AD/Chub #1	AD+ LV	AD+ RV
134	123	156	322	175	137	131
139	132	143	141		132	
136	118		149			
123	138		158			
126			147			
			154			
			182			
T=5	4	2	7	1	2	(20)

Fyke Net #2 1100 hrs

128	136	141	193	Lower Cau	141	
124	147		144	139		
	134		137			
	136		137			
	141		150			
2	5	1	5	1	1	(15)

Fyke #3 1117 hrs

LV & RV 141					
	151	150	198	160	153
			157	156	
			107	148	
			135		
			199		
1	1	5	3		1 (12)
	1139				120
131		191	208		
132		159	210		
		192	159		
2		3	93		(10)

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

SUPPLEMENTAL DATA

5/19/81 309 fish clipped

NAME Junction Lake

LOCATION Lake Louise & Rich Hiway

10/29/69 7½ inches ice 5000 ½ inches

[illegible] Lake Open ⅓ of Lake

10/29/80 5" ice

10/28/80 5" of ice

5/19/81 GR Egg Take Conducted - 660,190 eggs. 1567♀, 1008♂, 53 juveniles

9/11/81 pulled 2 Fyke Nets that fished a total of 107 Hrs. Caught 3 clipped GR 365m, 355m, 230mm & 26 unclipped GR. 230mm 1♀ 1♂ This years plants of GR N=25 Ave 101.8 mm Range 90mm - 115

5/30/82 Ice gone completely - 41°F
caught 126 ~~fish~~ clipped (GR) in the fyke nets.
309 were clipped in 1981.

BY _____ DATE _____

2/69
FG-213