Name of Lake: "J" - 25 River System: Delta

Location: 5½ miles southwest of Richardson Highway at Mile 285.5. Located on Ft. Greely Military Reservation.

Position: 63° 50' N, 145° 50' W Elevation (feet): 1925

Surface Area (acres): 7 Maximum Depth (feet): 54

Water Chemistry:

Date:	4/20/67	3/30/71	10/17/74
Temp. (°F):			
D.O. (ppm):	9.0 @ 10' 7.0 @ 19'	8.0 @ 4'	11.0
CO_2 (ppm):			
pH:			7.0
MOA (ppm):			51
Hardness (ppm):			68

Fish Sampling Summary:

Date	No.	Species	Length (inches) Range	Length (inches) Mean	Weight (pounds) Range	Weight (pounds) Mean	Fish/ Net hr.
6/17/64	6	S	5.9-10.3	7.6	-	-	.18
	11	GR	6.5-10.5	8.9	-	-	.33
5/27/71	6	S	8.9-9.6	9.3	-	-	.29
	2	GR	12.4-13.1	12.7	-	-	.10
6/26/74	101	S	3.4-12.4	-	-	-	2.53
	47	GR	7.9-13.6	9.6	-	-	1.18
	1	SSc	3.7	-	-	-	.02

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

FISH SAMPLING SUMMARY

WATER NAME "J" Lake

LOCATION _____

DATE	TYPE GEAR	FISH SPECIES*	AGE CLASS	NUMBER IN SAMPLE	HOURS OF EFFORT	LENGTH RANGE MM	MEAN LENGTH MM	WEIGHT RANGE	MEAN WEIGHT
1964?	2-125' Gill Net	SU		6	16½	5.9-10.3"		.11-.42	
		GR		11	"	6.5-10.5"	9"±	.12-.40	
5-27-71		GR		2		315-332	324	0.10	
		SK		6		226-245	236	0.29	

*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

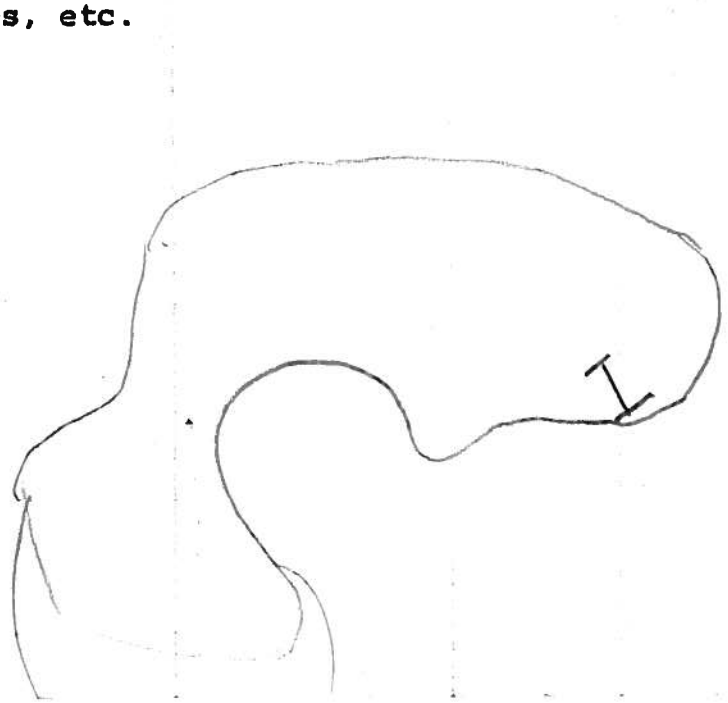
Water: "J" Lake — Gear Used: 1 - 125' Gill Net (Mono.)

Location:- Ft. Greely — Temperature: Air 55° Water

Dates: 5-27-71 — Weather: P.Cloudy, Windy

Total Hours Fished: 21 hrs. — Depth of Set: 0 to 18'

Sketch: Outline of lake, landmarks, inlets, outlets, weedbeds, public service sites, etc.



"J" Lake 5-27-71

No.	Species	Length	Weight	Maturity	Degree of Maturity
1	S	245			
2	↓	226			
3		238			
4		235			
5		242			
6		230			
1	GR	315	.80	♂ Ripe	4
2	GR	332	.92	♂ Ripe	4

GR 252 — 8|2.000 — 16 — 40 — 40

S 752 — 8|6.00 — 56 — 40

GR 324 mm — 323.5 — 2|647 — 6 — 04 — 4 — 07 — 6 — 10

S 236 mm — 6|1416 — 12 — 21 — 18 — 36

Stomach contents:
Beetle
Stonefly
Plankton
Diptera larvae

.095 — 21|2.00 — 189 — 110 — 105

.286 — 21|6.00 — 42 — 180 — 168 — 120

TEST [illegible]

Water: "J" Lake
Location:
Dates: 6/26/74
Total Hours Fished: 40 total net hrs

Gear Used: 2-125' gill net
Temperature: Air ____ Water ____
Weather:
Depth of Set: ____ to ____

Sketch: Outline of lake, landmarks, inlets, outlets, weedbeds, public service sites, etc.

10-17-74
T.A. = 51 ppm
pH = 7.0
T.H. = 68 ppm
D.O. = 11.0

No.	Species	Length	Weight	Maturity	Degree of Maturity
	GR	320	.84	♀ I	
		320	.83	♀ I	
		328	.83	♂ I	
		346	1.08	♀ I	
		312	.72	♀ I	
		290	.66	♀ I	
		274	.54	♀ I	
		205	.26	♀ I	
		257	.44	♂ M	
		278	.4	♀ M	
		237	.32	♀ M	
		291	.58	♂ M	
		210	.24	♂ M	
		208	.25	♂ M	
		254	.40	♂ M	
		204		♀ I	
		217		♂ M	
		209		♀ I	
		247		♀ I	
		281		♀ I	
		206		♂ M	
		321		♂ M	
		315		♂ M	
		240		♀ I	
		210		♀ I	
		224		♀ I	
		212		♀ I	
		233		♂ M	
		234		♂ M	
		228		♂ M	
		202		♂ I	
		252		♂ M	
		215		UNK	

(0150)

GR
213
210
211
220
250
231
247
254
251
241
243
244
212
216

11487 ÷ 47 = 244

$\bar{x} = 244.4$

$\frac{N}{47}$ total GR (201-346)

14 LNS 87-152 mm
87 LNS 239-314 "
1 Sculpin 95 "

	No.	% comp.	freq.
GR	47	31.5	1.18
LNS	101	67.8	2.53
SSc	1	0.7	0.02
	149		

(20)

20-2400

Jay Lake 4/13/77 GR

	wt.
14.8	34.2
13.5	23.7
14.6	29.8
12.8	18.4
14	17.6
13.4	23.9
13.6	24.2
12.5	18.5
13.6	24.6
13.5	19.3
13.1	21.3

2 yr olds

149.5

13.0