

State of Alaska
 Department of Fish and Game
 Nomination for Waters
 Important to Anadromous Fish

Region SOUTHCENTRAL

USGS Quad Seward D-6

Anadromous Water Catalog Number of Waterway 247-60-10250

Name of Waterway Glacier Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>98 196</u>	<u>[Signature]</u> Regional Supervisor	<u>12/5/97</u> Date
Revision Year: _____	<u>[Signature]</u> AWC Project Biologist	<u>12/4/97</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> Drafted	<u>12/11/97</u> Date
Revision Code: <u>A-2 B-2</u>		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook Salmon	8/5&25/97, 9/8&29/97, 10/13/97		XXX		<input checked="" type="checkbox"/>
Coho Salmon	8/5&25/97, 9/8&29/97, 10/13/97		XXX		<input checked="" type="checkbox"/>
Dolly Varden	8/5&25/97, 9/8&29/97, 10/13/97		XXX		<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Minnow trapping occurred in the Glacier Ck. drainage, within a defined study area (Figure 1), as a result of the Municipality of Anchorage's proposal to construct a golf course in the Glacier Valley (Girdwood). Thirty seven traps were set in the Glacier Creek drainage. Dolly Varden and juvenile chinook and coho salmon were captured in the drainage on 8/5&25/97, 9/8&29/97, & 10/13/97 (Table 1). The upstream extent of juvenile K, Co & DV capture in tributary 1 south of the mainstem (capture date-9/8/97) is shown in Fig. 2 (Table 1). The upstream extent of juvenile coho capture in tributary 2 south of the mainstem is shown in Figure 3 (Table 1).

ALASKA DEPT. OF
 FISH & GAME
 NOV 13 1997

Name of Observer (please print)

Date: 11/13/97

Signature:

Address:

Douglas Hill
Douglas O'Hill
ADFG 333 Raspberry Rd.
Anchorage, Ak. 99518

REGION II
 HABITAT AND RESTORATION
 DIVISION

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

is shown in Figure 3 (Table 2). The upstream extent of juvenile coho capture (capture date-8/25/97) in a tributary south of Calif. Ck. is shown in Figure 3 (Table 2). Minnow trap sites are shown in Figure 3, 4, and 5. Adult Table 1 and adult Figures 6 and 7 have been attached as "Backup Information" to the current AWC database on Glacier Creek. Figure 8 is a copy of the current AWC map of Glacier Creek.

TABLE 1
GLACIER CREEK
 AWC # 247-60-10250
MINNOW TRAP/CATCH DATA

DATE TIME IN	SET #	# FISH/TRAP (By Species)					TOTAL # FISH/TRAP	FIGURE #	
		CO	KS	DV	SC	ST			
8/5/97	MG1	1	0	10	0	0	11	6	
8/5/97	MG2	6	3	10	0	0	19	6	
8/5/97	MG3	0	0	6	0	0	6	6	
8/5/97	MG4	0	0	13	0	0	13	6	
Trap Total		7	3	39	0	0	49		
8/25/97	MG1	4	41	2	0	0	47	7	
8/25/97	MG2	12	10	4	0	0	26	7	
8/25/97	MG3	0	40	5	0	0	45	7	
8/25/97	MG4	7	3	17	4	0	31	7	
8/25/97	MG5	10	9	49	3	0	71	7	
8/25/97	MG6	3	7	10	0	0	20	7	
8/25/97	MG7	1	14	2	0	0	17	7	
8/25/97	MG8	Trap lost due to flood.							
8/25/97	MG9	7	16	6	0	0	29	7	
8/25/97	MG10	1	0	12	0	0	13	7	
8/25/97	MG11	13	27	6	0	0	46	7	
Trap Total		58	167	113	7	0	345		
9/8/97	MG1	35	1	2	0	0	38	6	
9/8/97	MG2	14	4	5	0	0	23	6	
9/8/97	MG3	6	3	7	2	0	18	6	
9/8/97	MG4	10	6	11	1	0	27	6	
9/8/97	MG5	0	5	1	0	0	6	6	
9/8/97	MG6	0	0	0	0	0	0	7	
9/8/97	MG7	0	0	1	0	0	1	7	
Trap Total		65	19	27	3	0	114		
9/29/97	MG1	38	5	9	0	0	14	7	
9/29/97	MG2	46	0	5	0	0	51	7	
9/29/97	MG3	14	0	0	0	0	14	7	
9/29/97	MG4	74	0	1	0	0	75	7	
9/29/97	MG5	27	0	0	0	0	27	8	
9/29/97	MG6	0	0	0	0	0	0	8	
Trap Total		199	5	15	0	0	219		
10/13/97	MG1	6	4	4	0	0	14	7	
10/13/97	MG2	5	9	4	0	0	18	8	
10/13/97	MG3	4	12	0	0	0	16	8	
10/13/97	MG4	8	20	1	0	0	29	8	
10/13/97	MG5	0	14	2	0	0	16	7	
10/13/97	MG6	0	0	0	0	0	0	7	
10/13/97	MG7	29	62	2	0	0	93	7	
10/13/97	MG8	14	47	2	0	0	63	7	
10/13/97	MG9	7	52	2	2	0	63	7	
Trap Total		73	211	13	2	0	299		

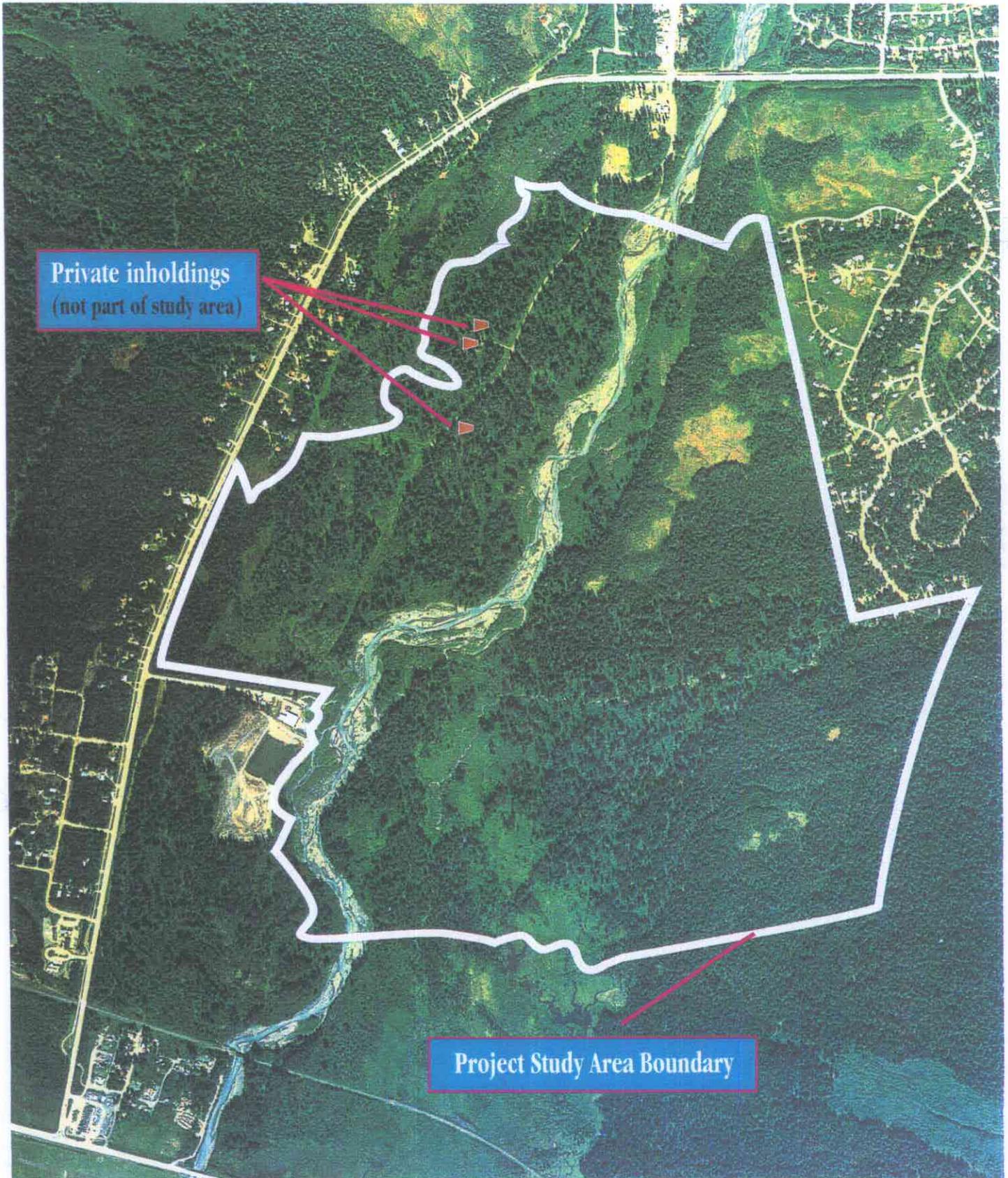
CO---Coho Salmon
 KS---King Salmon
 DV---Dolly Varden
 SC---Sculpin
 ST---Stickleback

TABLE **2**
GLACIER CREEK
 AWC # 247-60-10250
ADULT FISH OBSERVATIONS

DATE	LIVE/DEAD COUNT					OBSERV #	FIGURE #
	CO	KS	CH	PS	RS	(Location)	
8/4/97	Creek too silty to count.						
8/20/97	0/0	0/0	12/0	0/0	0/0	AG1	5
"	0/0	0/0	20/0	0/0	0/0	AG2	5
"	0/0	0/0	35/0	0/0	0/0	AG3	5
"	0/0	0/0	4/0	0/0	0/0	AG4	5
"	0/0	0/0	12/0	0/0	0/0	AG5	5
"	0/0	0/0	31/0	0/0	0/0	AG6	5
"	0/0	0/1	16/0	0/0	0/0	AG7	5
"	0/0	0/0	45/0	0/0	0/0	AG8	5
Total	0/0	0/1	175/2	0/0	0/0		
8/25/97	0/0	0/0	38/0	0/0	0/0	AG1	5
"	0/0	0/0	24/0	0/0	0/0	AG2	5
Total	0/0	0/0	62	0/0	0/0		
9/29/97	2/0	0/0	0/10	0/0	0/0	AG1	4
"	1/0	0/0	0/0	0/0	0/0	AG2	5
Total	3/0	0/0	0/10	0/0	0/0		
10/14/97	10/0	0/0	0/0	0/0	0/0	AG1	4
"	2/0	0/0	0/0	0/0	0/0	AG2	4
"	2/0	0/0	0/0	0/0	0/0	AG3	4
"	2/0	0/0	0/0	0/0	0/0	AG4	4
"	1/0	0/0	0/12	0/0	0/0	AG5	4
Total	17/0	0/0	0/12	0/0	0/0		

CO---Coho Salmon
 KS---King Salmon
 CH---Chum Salmon
 PS--Pink Salmon

Figure 1



Private inholdings
(not part of study area)

Project Study Area Boundary



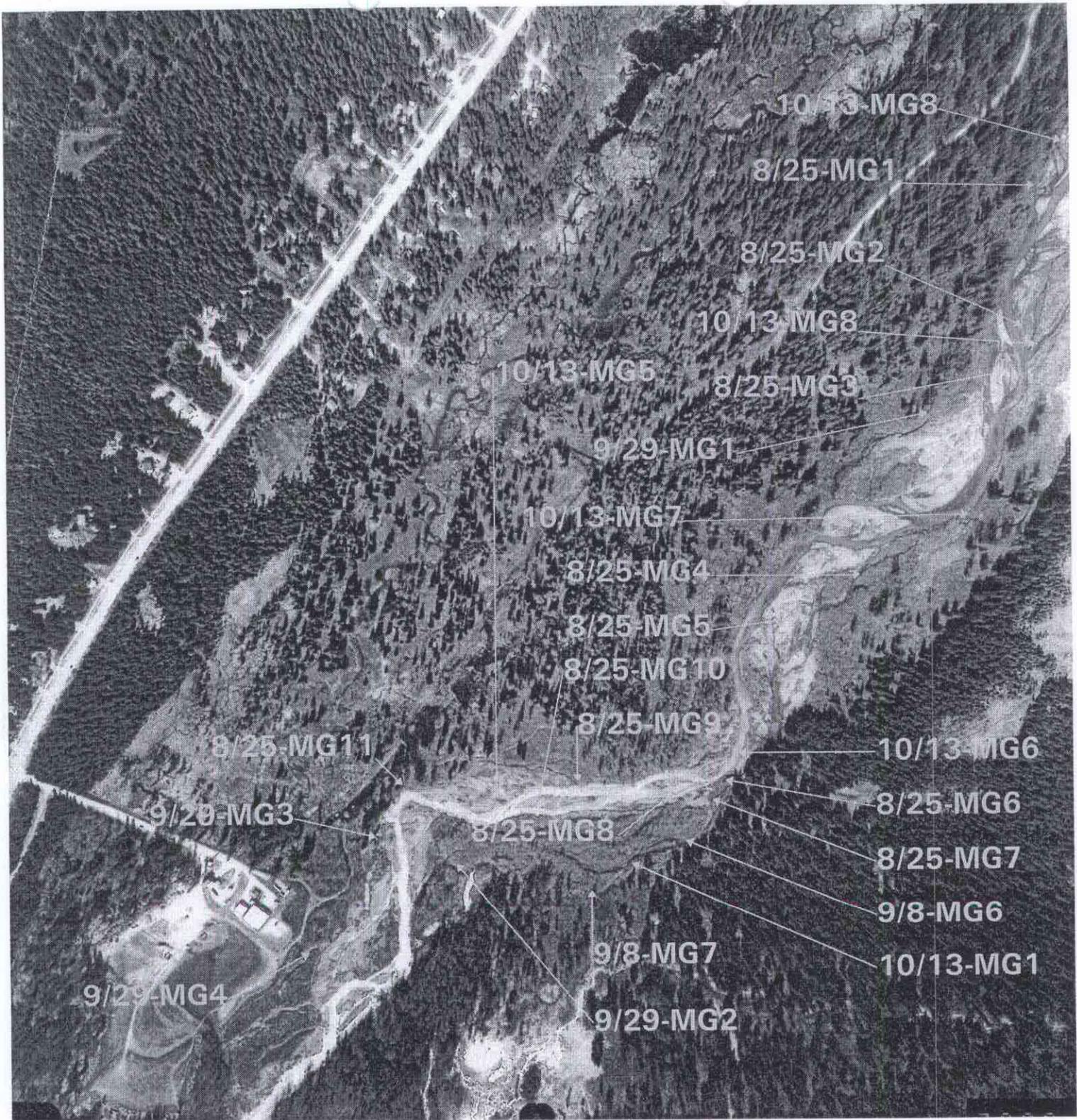
Figure 3. Glacier Creek Juvenile trap sites.

Aerial Photo # 59-5



Figure 4 Glacier Creek juvenile trap sites.

Aerial Photo # 60-9



Glacier Creek Juvenile Trap Sites.

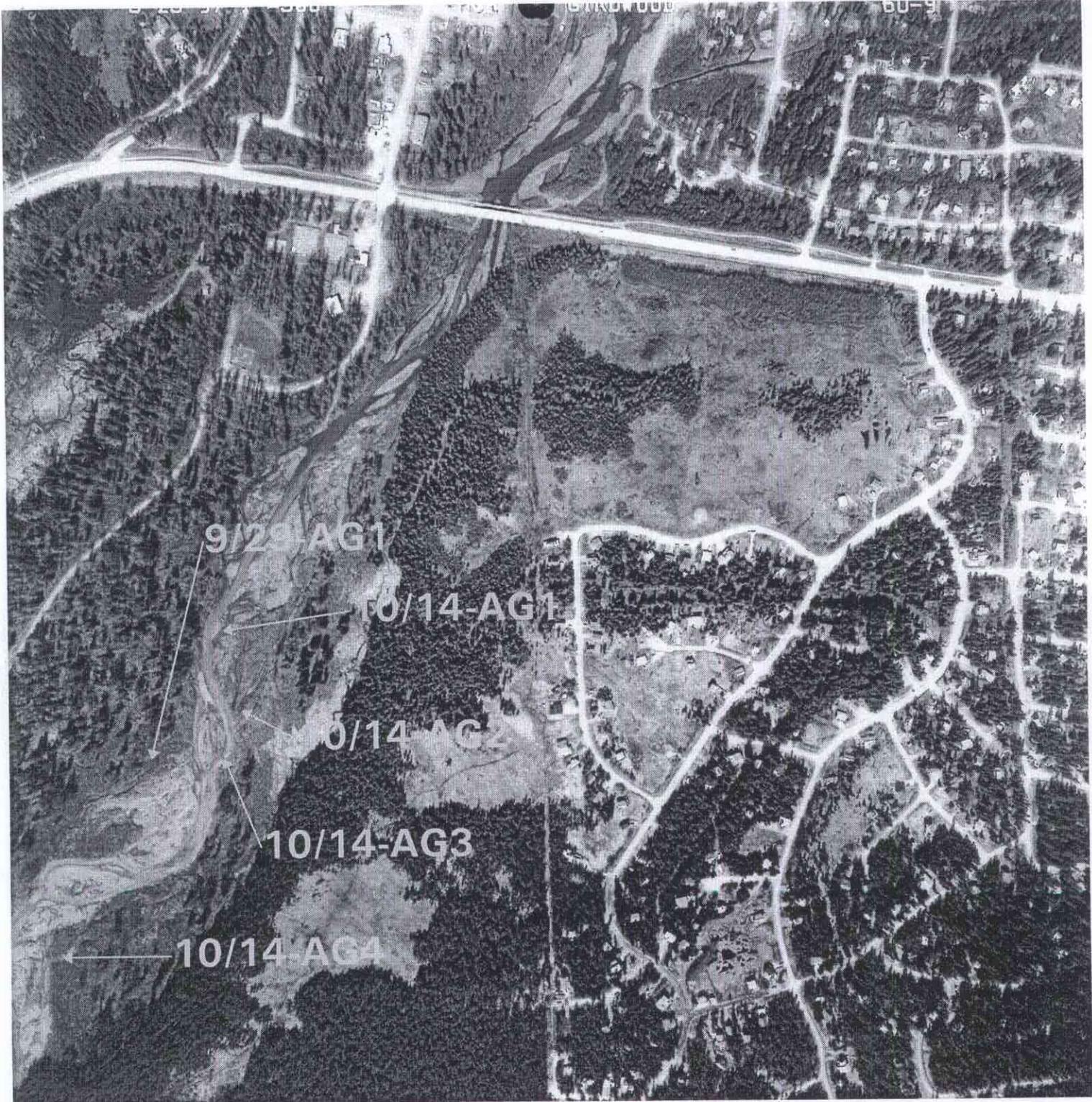


Figure 4. Glacier Creek adult observation sites.

Aerial Photo # 60-9

Figure 7

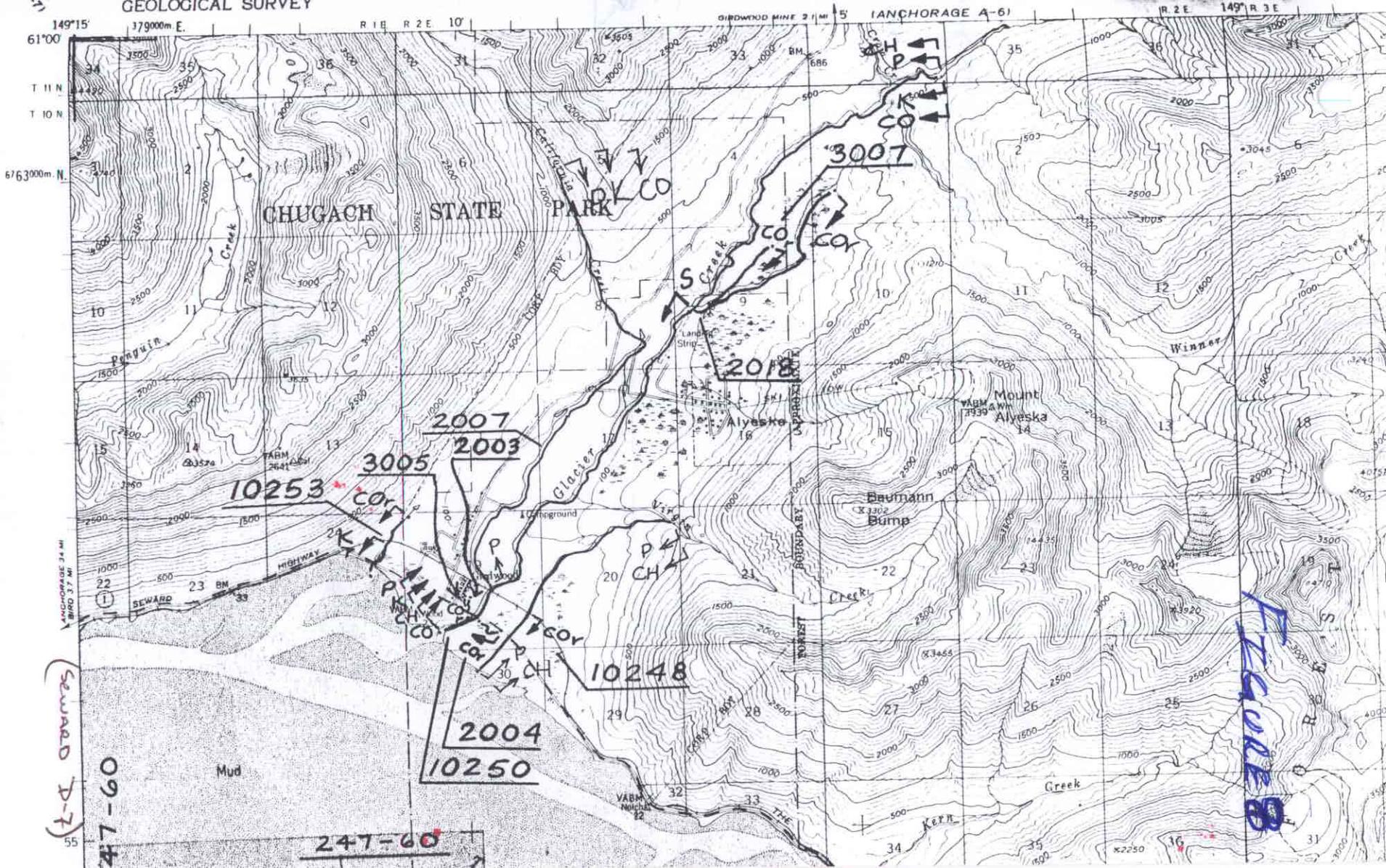


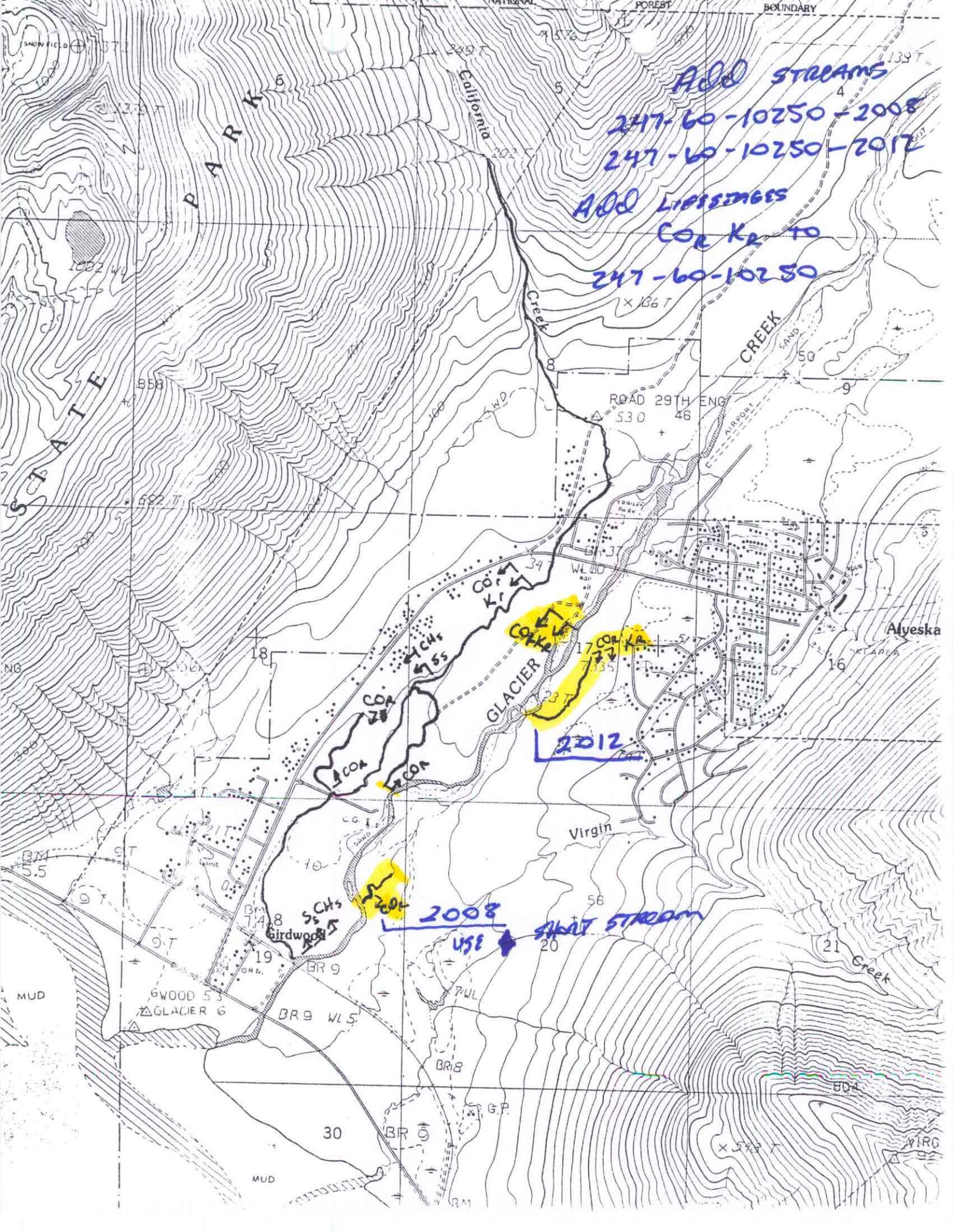
Figure 5. Glacier Creek adult observation sites.

Aerial Photo # 59-6

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FINAL





ADD STREAMS
247-60-10250-2008
247-60-10250-2012

ADD LISSINGS
FOR K2 TO
247-60-10250

2012

2008
USE SHIRT STREAM

PARK

California Creek

CREEK SAND

ROAD 29TH ENG

GLACIER

Virgin

Alveska

Creek

STATE

MUD

MUD

VIRG

