

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 247-60-10250-2007 *... 2007-3009*
... 2007-3014

Name of Waterway California Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>98 203</u>	<u>[Signature]</u>	<u>12/5/97</u>
Revision Year:		Regional Supervisor	Date
Revision to: Atlas	<u>Catalog</u>	<u>[Signature]</u>	<u>12/5/97</u>
	Both <u>X</u>	AWC Project Biologist	Date
Revision Code:	<u>A-Z B-1</u>	<u>[Signature]</u>	<u>12/4/97</u>
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Sockeye Salmon	8/20/97, 8/25/97	XXX		XXX	<input checked="" type="checkbox"/>
Chum Salmon	8/20/97, 8/25/97	XXX		XXX	<input checked="" type="checkbox"/>
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				<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: Fish sampling occurred in the Calif. 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). Adult salmon were observed while walking the drainage (5 surveys). Adult sockeye & chum salmon were observed spawning in mainstem Calif. Crk. on 8/20 & 25/97 (Table 1, Fig. 2). The furthest upstream observation of adult sockeye & chum was on 8/20/97 (Table 1, Fig. 2). Thirty nine traps were set in the California Creek drainage. Dolly Varden & rearing chinook & coho salmon were captured in the mainstem in minnow traps on 8/5&25/97, 9/8&29/97, & 10/13/97 (Table 2 and Figs. 2). The upstream extent of juvenile K, Co & DV capture in mainstem Calif. Crk. (capture date-8/5/97) is shown in Fig. 2 (table 2). The upstream extent of juvenile Co capture (capture date-9/8/97) in a tributary to NW of Calif. Crk.---

Name of Observer (please print) Doug Hill ALASKA DEPT. OF FISH & GAME

Date: 11/13/97 Signature: [Signature] NOV 13 1997

Address: ADFL 333 Raspberry Rd
Anchorage, Ak. 99508 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 4 (Table 2). The stream segments referred to in Table 1 and 2 are illustrated on Figure 4. Juvenile trap sites are shown on Figures 5 and 6. Figure 7 is a copy of the current anadromous waters catalog map of California Creek.

TABLE 1
CALIFORNIA CREEK
 AWC # 247-60-10250-2007
ADULT FISH OBSERVATIONS

DATE	LIVE/DEAD COUNT					LOCATION	FIGURE #
	CO	KS	CH	PS	RS		
8/4/97	0/0	4/0	0/0	4/0	0/0	A	1
"	0/0	0/0	0/0	6/0	0/0	B	1
Total	0/0	4/0	0/0	10/0	0/0		
8/20/97	0/0	0/0	0/*	30/*	0/*	A	1
"	0/0	0/0	38/*	15/*	0/*	B	1
"	0/0	0/0	55/*	23/*	3/*	B	1
"	0/0	0/0	2/*	0/*	5/*	D	1
"	0/0	0/0	25/*	5/*	0/*	D	1
"	0/0	0/0	17/*	1/*	3/*	E	1
"	0/0	0/0	30/*	0/*	0/*	E	1
Total	0/0	0/0	167	74	11		
8/25/97	0/0	0/0	6/0	9/4	0/0	A	1
"	0/0	0/0	10/1	4/5	7/0	B	1
"	13/0	0/0	27/5	10/6	8/0	C	1
"	2/0	0/0	30/5	6/0	24/3	D	1
Total	15/0	0/0	73/11	29/15	39/3		
9/29/97	1/NA	0/*	0/*	0/*	0/*	B	1
"	4/NA	0/*	0/*	0/*	0/*	D	1
"	14/NA	0/*	0/*	0/*	0/*	E	1
"	12/NA	0/*	0/*	0/*	0/*	F	1
"	6/NA	0/*	0/*	0/*	0/*	F/G	1
"	2/NA	0/*	0/*	0/*	0/*	G	1
"	6/NA	0/*	0/*	0/*	0/*	H	1
Total	45/NA	0/*	0/*	0/*	0/*		
10/14/97	6/0	0/0	0/0	0/0	0/0	A	1
"	5/0	0/0	0/0	0/0	0/0	B	1
"	1/0	0/0	0/0	0/0	0/0	B	1
"	1/0	0/0	0/0	0/0	0/0	C	1
"	12/0	0/0	0/0	0/0	0/0	D	1
"	9/0	0/0	0/0	0/0	0/0	H	1
	8 unidentified carcasses.						
Total	34/0	0/0	0/0	0/0	0/0		

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

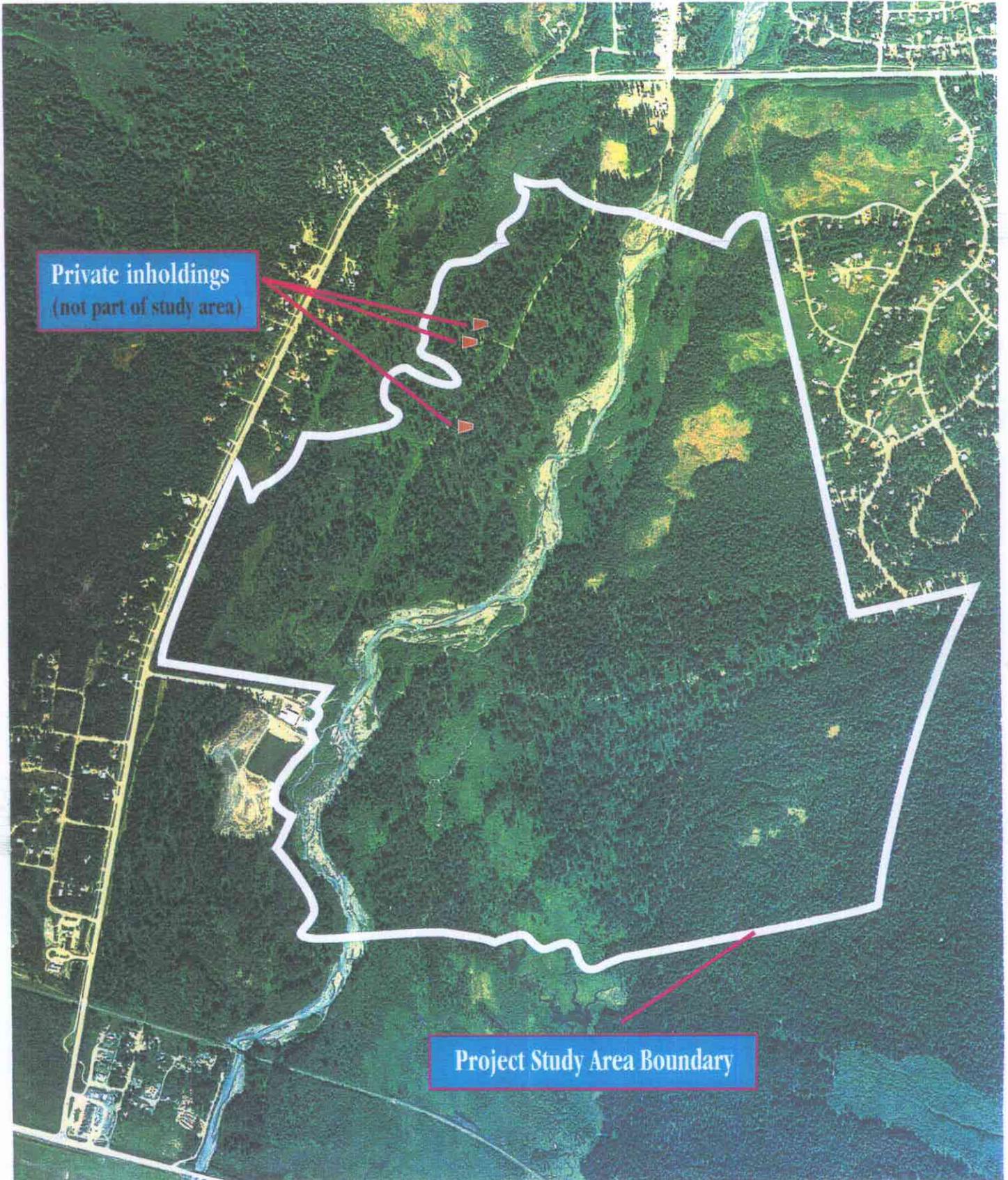
*Carcasses not counted.

TABLE **2**
CALIFORNIA CREEK
 AWC # 247-60-10250-2007
MINNOW TRAP CATCH DATA

DATE TIME IN	SET #	# FISH/TRAP (By Species)					TOTAL # FISH/TRAP	FIGURE #
		CO	KS	DV	SC	ST		
8/5/97	MC1	2	4	16	0	0	22	2
8/5/97	MC2	5	0	2	0	0	7	2
8/5/97	MC3	2	2	14	0	0	18	2
8/5/97	MC4	2	10	4	0	0	16	2
Trap Total		11	16	36	0	0	63	
8/25/97	MC1	10	11	11	0	0	32	3
8/25/97	MC2	121	0	0	0	5	126	3
8/25/97	MC3	8	0	0	0	0	8	3
8/25/97	MC4	0	0	0	0	0	0	3
8/25/97	MC5	12	74	8	0	0	94	2
8/25/97	MC6	70	3	1	0	0	74	2
8/25/97	MC7	12	51	2	3	0	68	2
8/25/97	MC8	8	17	21	0	0	46	2
8/25/97	MC9	20	7	11	1	0	39	2
8/25/97	MC10	10	30	16	1	0	57	2
8/25/97	MC11	20	7	19	0	0	46	2
8/25/97	MC12	27	43	21	0	0	91	2
8/25/97	MC13	1	9	4	0	0	14	2
Trap Total		319	252	114	5	5	695	
9/8/97	MC1	80	1	3	0	1	85	3
9/8/97	MC2	54	0	1	1	0	56	3
9/8/97	MC3	48	0	3	1	1	53	3
9/8/97	MC4	50	0	0	0	0	50	3
9/8/97	MC5	85	0	0	0	0	85	3
9/8/97	MC6	52	0	0	0	0	52	3
9/8/97	MC7	0	0	0	0	4	4	2
9/8/97	MC8	10	0	0	0	35	45	2
9/8/97	MC9	9	0	3	0	24	36	2
9/8/97	MC10	43	0	1	0	0	44	2
Trap Total		431	1	11	2	65	510	
9/29/97	MC1	2	0	0	0	0	2	2
9/29/97	MC2	47	5	18	0	0	70	2
9/29/97	MC3	75	5	17	0	0	97	2
9/29/97	MC4	60	0	3	0	0	63	2
9/29/97	MC5	31	5	2	0	0	38	2
9/29/97	MC6	53	11	16	0	0	80	2
Trap Total		268	26	56	0	0	350	
10/13/97	MC1	6	74	7	1	0	88	2
10/13/97	MC2	4	1	5	0	0	10	2
10/13/97	MC3	40	10	19	0	0	69	2
10/13/97	MC4	3	5	1	0	0	9	2
10/13/97	MC5	11	3	1	0	0	15	2
10/13/97	MC6	16	8	10	0	0	34	3
Trap Total		80	101	43	1	0	225	

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

Figure 1



Private inholdings
(not part of study area)

Project Study Area Boundary

CALIFORNIA CRK
GLACIER CRK

Figure 2

GLACIER CREEK
↓

SOUTH #1
TRIBUTARY
↓
Co
Kr

Co
Kr
DVI
8/5/97
SET # 1
MCI 1, 2, 3, 4

DVI, Co,
Kr.

CALIF. CRK
↓

8/5/97
SET # 1
MCI 1, 2, 3, 4
↓
Co
Kr
DVI

Co
↓

Rs
CHS
↓
obs. #
8/20+8/25

SOULIERE (ADULT) SPAN

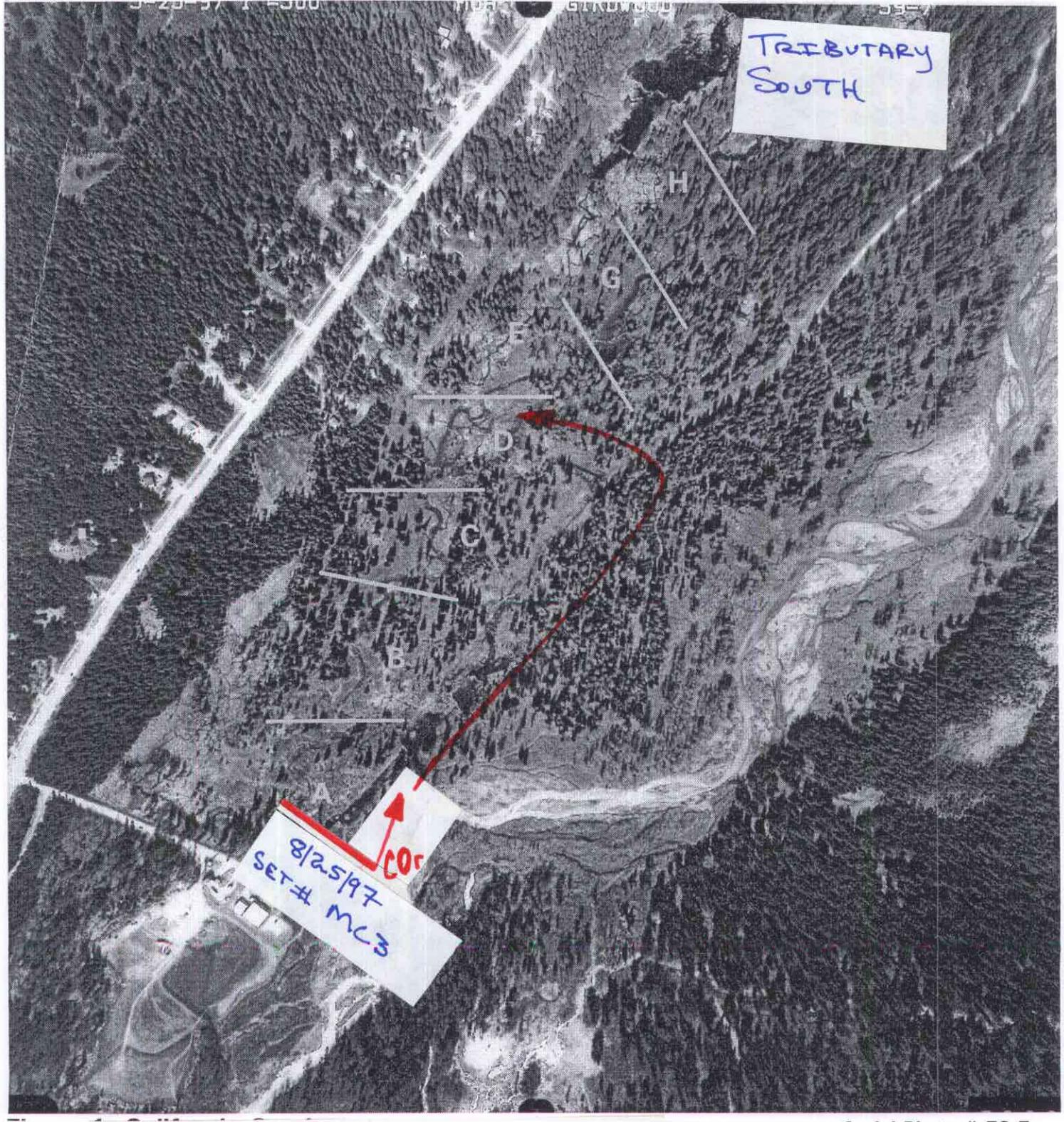




Figure 3. 2007 ~~Map of~~ Ma Creek juvenile trap sites.

Aerial Photo # 59-6

Figure 4



TRIBUTARY
SOUTH

8/25/97
SET# MLC3

COE

A
B
C
D
E
G
H

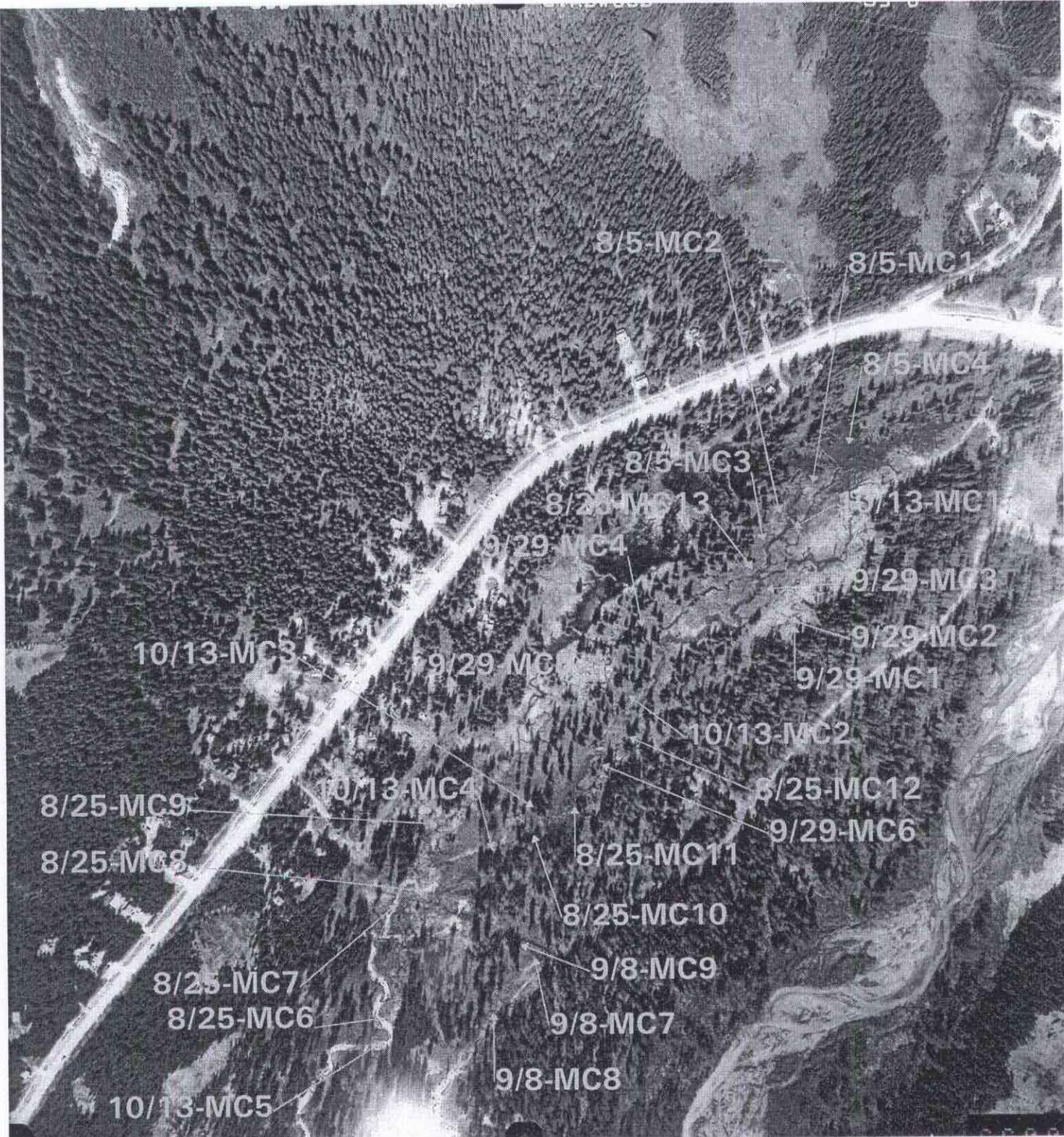


Figure 5 California Creek juvenile trap sites.

Aerial Photo # 59-8

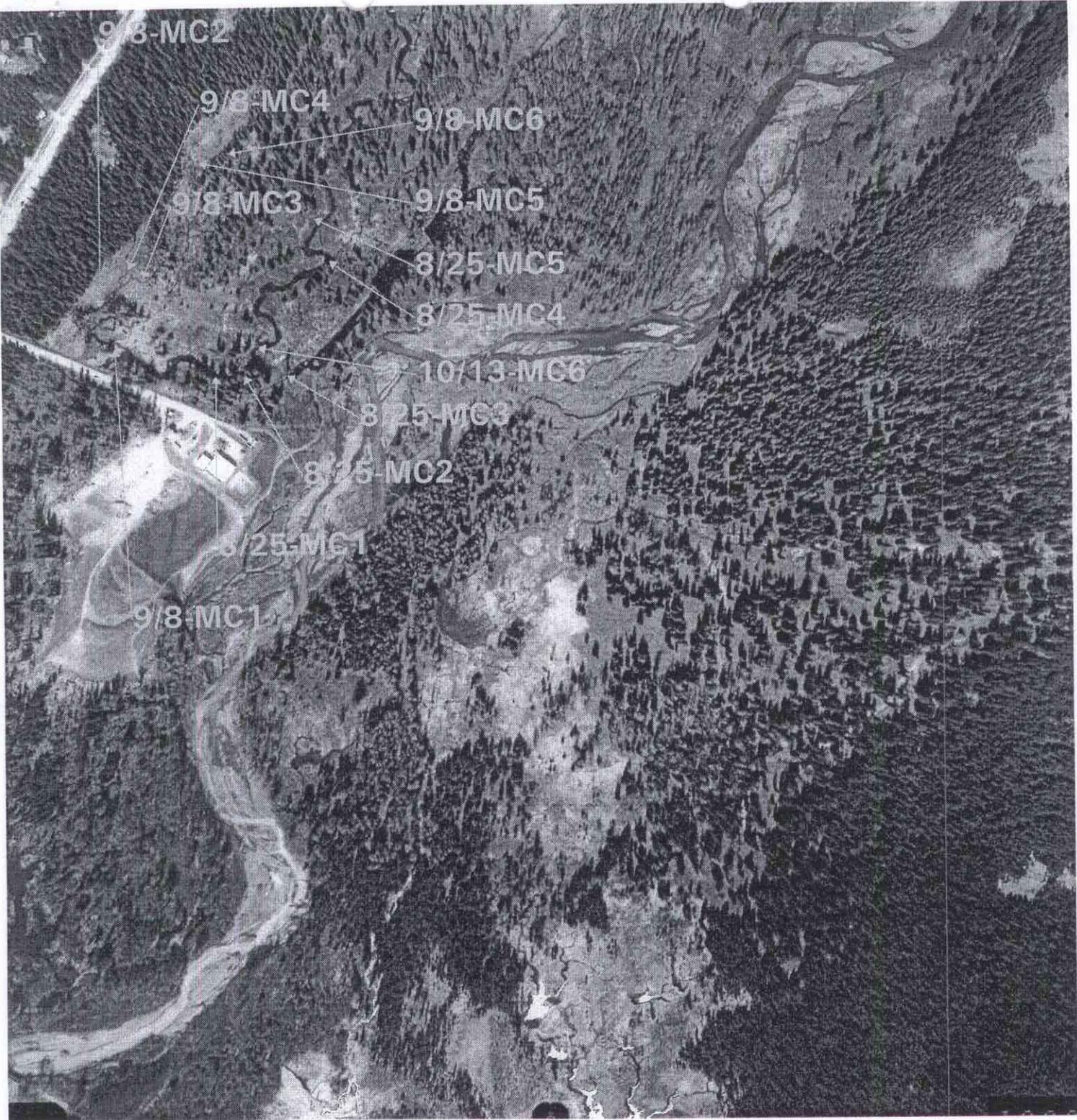


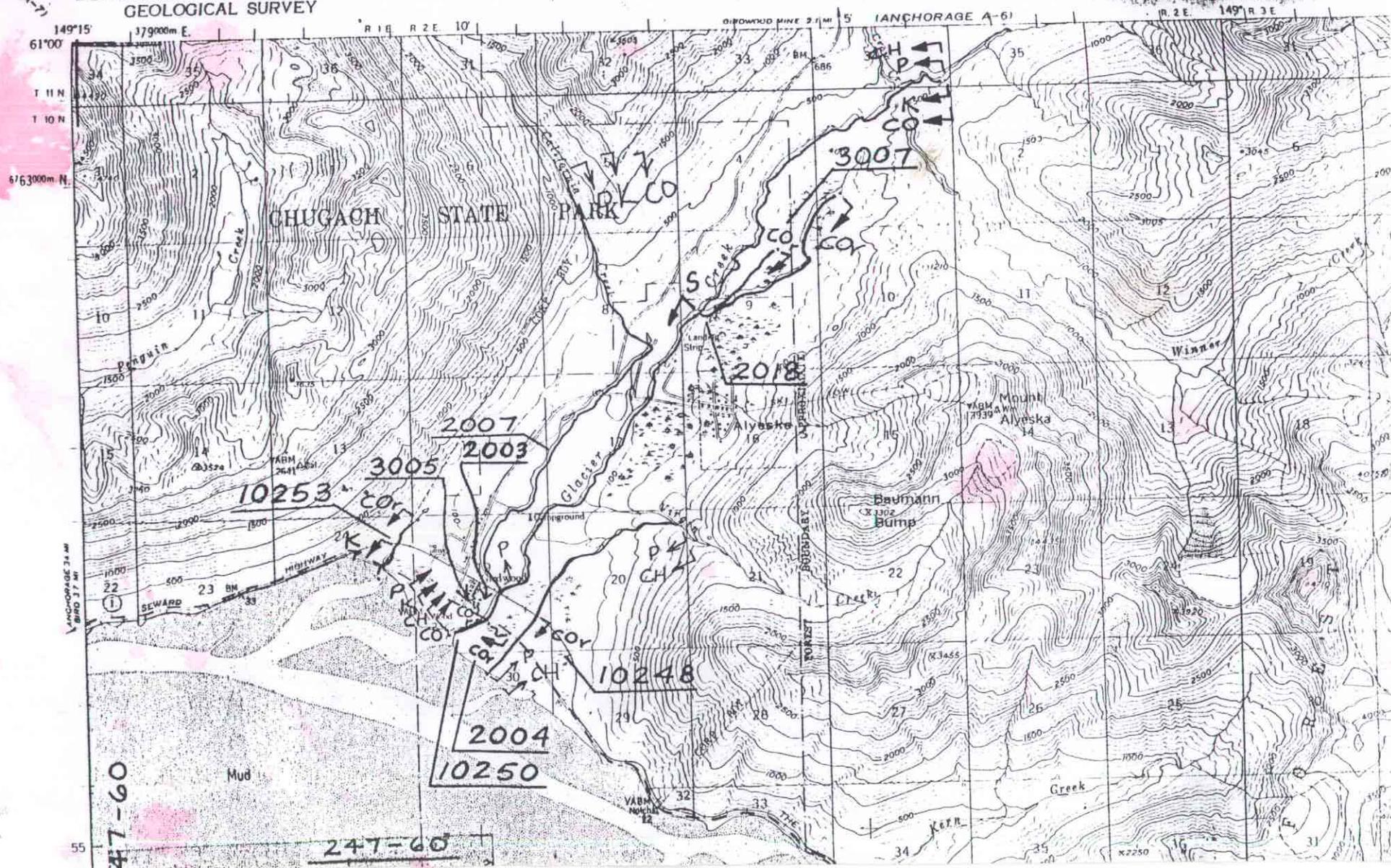
Figure 3 California Creek juvenile trap sites.

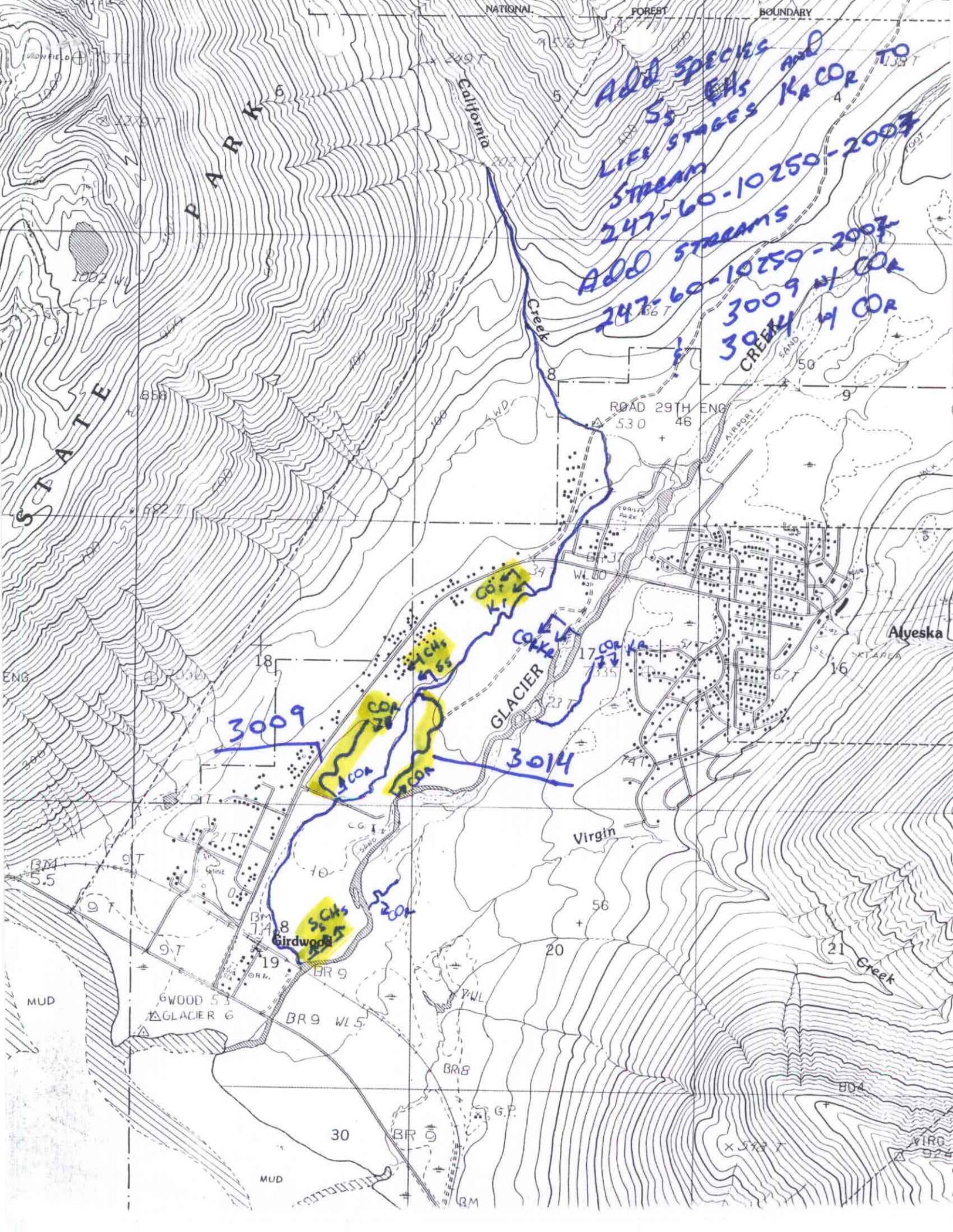
Aerial Photo # 59-6

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FINAL

Figure 7





NATIONAL FOREST BOUNDARY

STATE PARK

ADD SPECIES and LIFE STAGES and STREAM 247-60-10250-2007
ADD STREAMS 247-60-10250-2007
3009 w/ COR
3014 w/ COR

California Creek

GLACIER

Virgin

Alyeska

3009

3014

SCHs

SCHs

SCHs

MUD

WOOD 53
GLACIER 6

MUD

BD4

VIRG 924

SNOWFIELD

STATE

ENG

ROAD 29TH ENG

AIRPORT

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