82-064

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

X Addition ____ Deletion

Name of Waterbody (if known): Resurrection Creek
247-60-10150

Location:

Anadromous Waters Catalog Volume and Number Southcentral

USGS 1:63,360 Quadrangle Seward D8

or 1:250,000 (if 1:63,360 not available) ____

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
Coho	8-82	migration, rearing
Dolly Varden	8-82	migration, rearing
King	8-82	rearing

Comments: Please provide any clarifying information. Also, please include a map of the area identifying the stream reach. This can be a copy of the map from the Anadromous Waters Atlas.

refer to attached map

Name of Observer (please print) Carol Jo Sanner, USFS

Date: ____ Signature: ____

Address: ____

ACE 7784965 +/S

OK Dougald 11/82

MEMORANDUM State of Alaska

TO: Carol Jo Sanner
District Fisheries Biologist
USFS

THRU: Phyllis K. Weber PKW
Habitat Biologist III
Region II

FROM: Carol Barnhill, Cartographer III
Data Management Unit
Habitat Division

DATE: November 2, 1982

FILE NO:

TELEPHONE NO: 267-2298

SUBJECT:

ALASKA DEPT. OF FISH & GAME
NOV 10 1982
HABITAT
REGIONAL OFFICE

Thank you very much for your letter and the survey information that you sent (copy attached). We greatly appreciate your effort.

I have enclosed copies of the USGS topographic sheets of the survey area. Drawn in blue is the information that we have in our Anadromous Waters Atlas, 1982, for that area. Drawn in red is the information that you have added (per your surveys) as I have interpreted it. Please review this information and make sure that I have interpreted it correctly. Wherever you have trapped fry I have designated those areas as rearing areas. Also, if you have further information on spawning areas, please include that.

Please review the maps and make any changes or additions that you have and return them to me. Your information will then be reviewed by an area biologist before entering it into our atlas for next year's publication.

If you have any questions, please call me. Thank you for your cooperation.

11/3/82

Phyllis - The only correction I could see is that I did not define the abbreviation "ss" - we use this for coho, not sockeye - Thus in every place you noted sockeye, should be coho, instead.
Also would like to note that we have KS + Coho spawning in Palmer Cr. up to the survey limit, as well as rearing, which you noted.
Looks good otherwise Thanks
Carol Sanner

02-001 (Rev.10/79)

ACE 7784961 H/S/P

United States Department of Agriculture

Forest Service

ARD

Reply to: 2630 Fish Habitat

Date: OCT 20 1982

Subject: Resurrection Creek Drainage Fish Habitat Survey

To: District Ranger

The purpose of our Resurrection Creek and tributary stream surveys was to validate information on anadromous fish use of this system. Information on anadromous fish habitat and utilization is essential in determining State Department of Fish and Game jurisdiction on in-stream activities. It is also important for the Forest Service in evaluating mining plans of operations and in establishing mitigation and bonding plans for approved mining operations.

Up until now, we have had little data to support contentions on fish habitat in Resurrection Creek. Escapement and observations on an annual basis will serve to monitor mining impacts. A water quality monitoring program should continue along with fish surveys to determine sensitive areas and cumulative impacts. This should be the minimum habitat protection effort on the Resurrection Creek System.

The enclosed table lists results of this year's surveys. It can be used to determine upstream limits of anadromous fish habitat to establish a "zone of influence" for mining operations upon fish and fish habitat. In addition, we have on file more detailed observations of active mining operations and stream changes. Water quality data analysis has not yet been received.

Our findings this year corroborate the species spawning and rearing locations found by Bentz in 1979 surveys.

Carol Sanner

CAROL JO SANNER
District Fisheries Biologist

Enclosure

cc:

Linda Brandley, Minerals
Phil Brna, ADF&G Habitat Division

RECEIVED
OCT 27 1982
RESOURCE ASSESSMENT
BRANCH, HABITAT

ACE 7784962

RESURRECTION CREEK DRAINAGE
TRIBUTARY STREAM AND FISH SURVEY, 1982

SURVEY DATE 1982	STREAM NAME	USFS No.	ACTIVE MINING	FISH ADULTS OBS.	FISH FRY TRAPPED	UPSTREAM LIMIT OF FISH OBSERVED FROM MOUTH
7/27	Cripple Creek	06-01-01	Yes	DV	DV	600 M
7/28	Wildhorse	06-01-03	Yes	0	0	50 m
7/29	Bedrock	06-01-04	No	0	0	30 m log jam
7/30	Rimrock	06-01-07	Yes	KS	0	50 m
7/29	Gold Gulch	06-01-03	Yes	DV	DV	500 M
8/3	Palmer	06-01-05	Yes	4 KS/1 PS	SS/KS	750 M
8/4	Upper Palmer	06-01-05	No	0	DV	Above Coeur'd Ale
8/5	Highland	06-01-06	No	0	0	50 M
8/5	Wolf	06-01-12	No	0	0	50 M
8/10	Caribou	06-01-14	No	DV	0	400 M
8/5	Island	06-01-09	No	0	0	5 M
8/5	Willow	06-01-11	No	–	–	5 M
8/6	Pass	06-01-16	No	–	–	To foot bridge

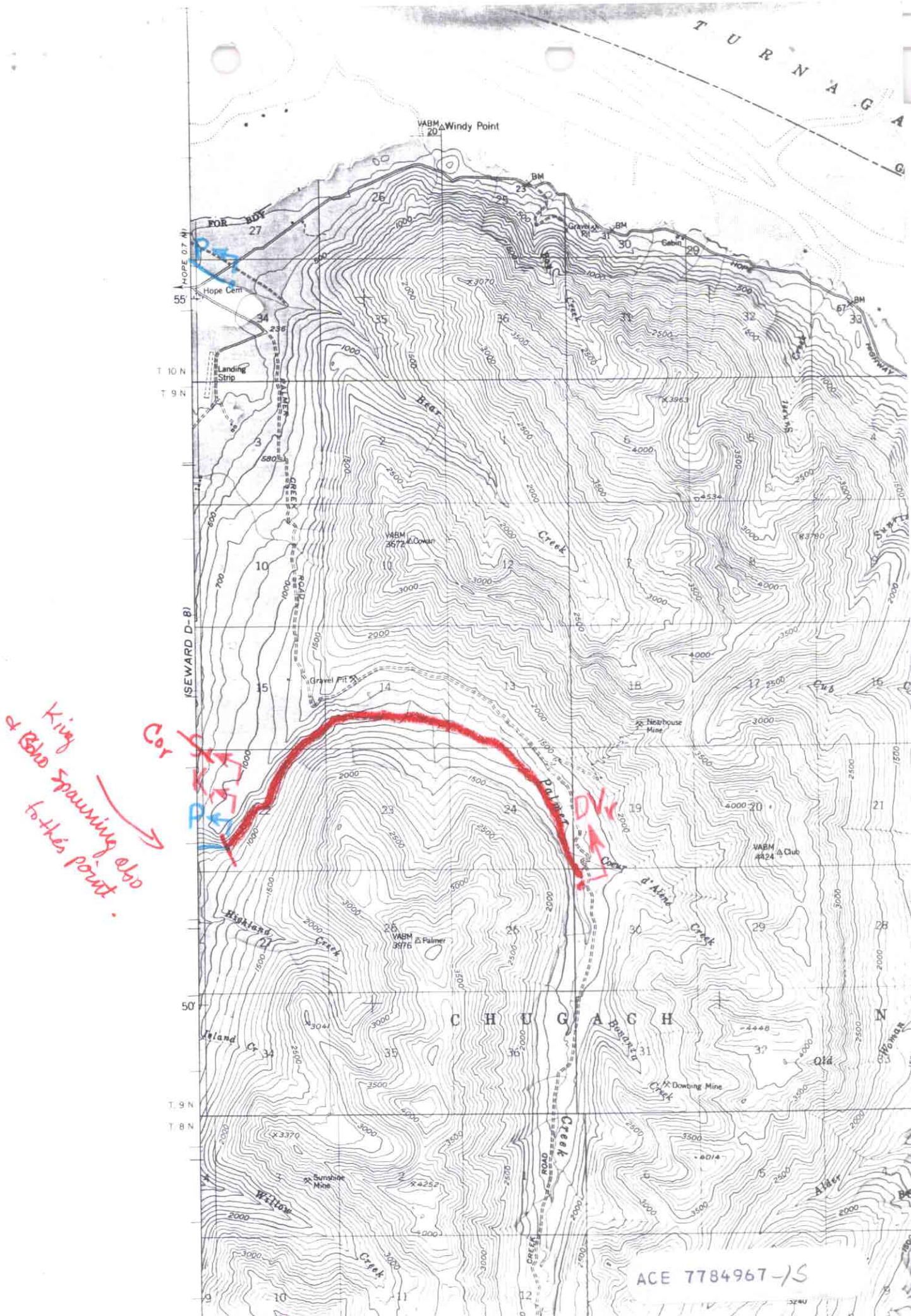
SS = coho
KS = king

ACE 7784963

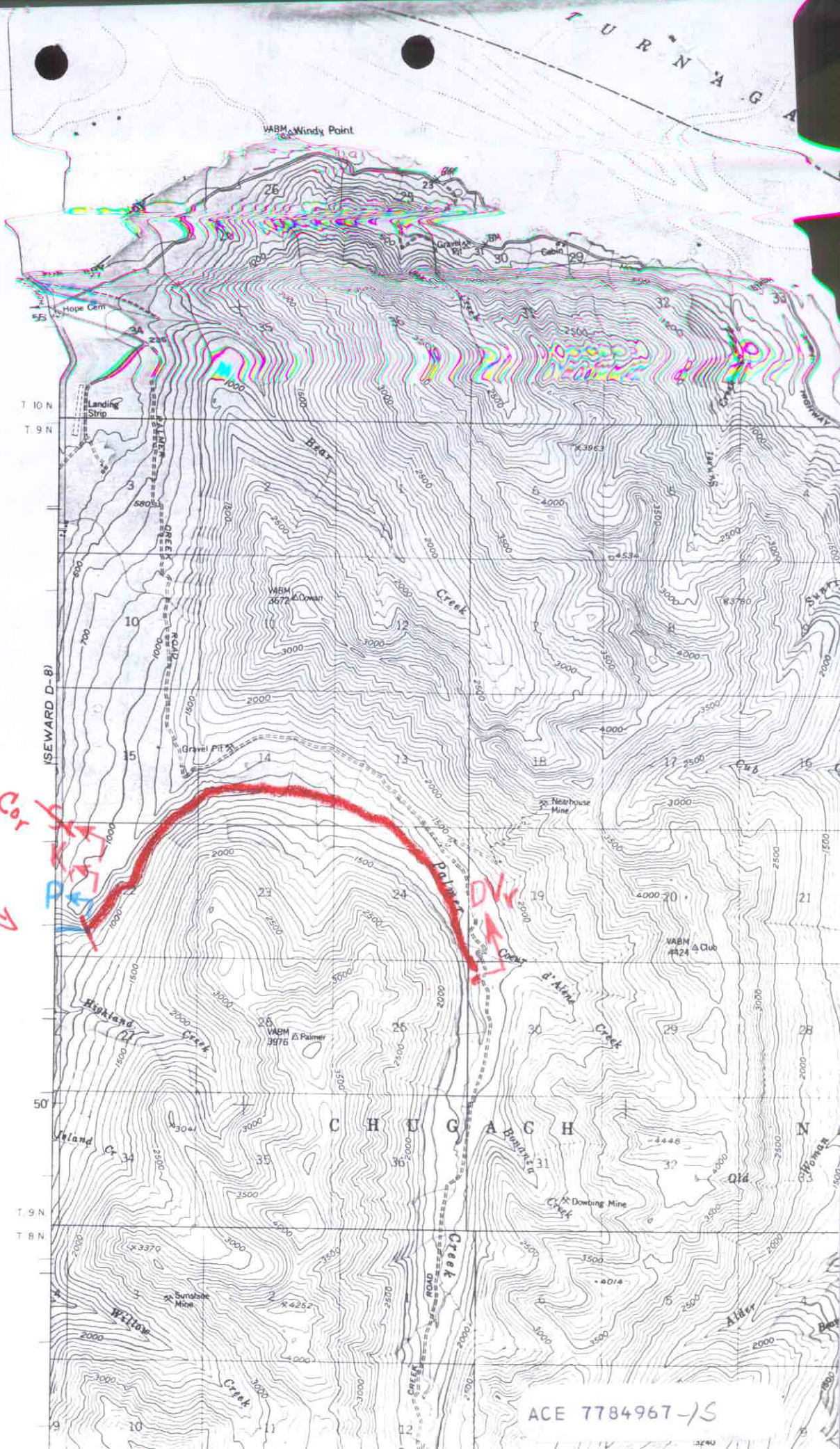
RESURRECTION CREEK MAINSTEM
FISH OBSERVATIONS, 1982

DATE	LOCATION	ACTIVE MINING	FISH ADULTS OBSERVED	FISH TRAPPED
8/12	Mouth to Cripple Creek	NO	PS=460; KS=2	
8/12	Cripple to Wildhorse	YES	PS=7	
7/28	Below Wildhorse Confluence	NO	KS=1	
8/12	Cripple to Wildhorse	YES	PS=7	
8/12	Wildhorse to Res. Trailhead	YES	PS=353	
8/3	Resurrection Trailhead	NO	PS=20, KS=5	KS, DV
7/29	Above Bedrock confluence	NO	PS=1; KS=5	
8/12	Between Trailhead & Palmer	YES	PS=34; KS=1	
8/3	Bridge on Res. to Palmer Creek Mouth	YES	PS=10	SS, KS
8/5	1/3-mile above Palmer Cr. confl.	NO	PS=30	
8/5	Below Highland Creek conf.	NO	KS-1	
8/5	Rimrock Creek confl.	NO	PS=1; KS=2	
8/4	Between Rimrock and Gold Gulch	NO		SS, DV

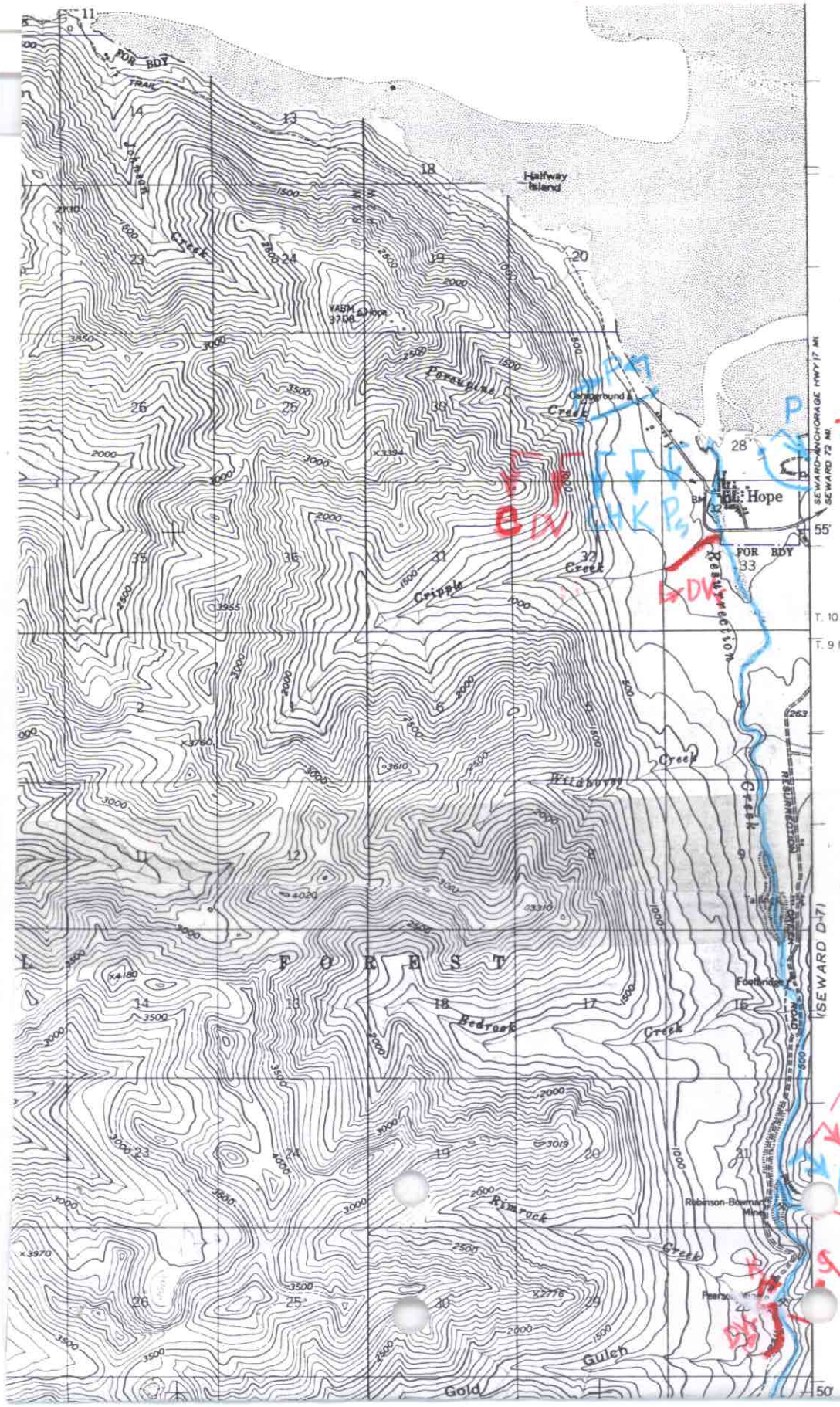
ACE 7784964-15



TURNAGA
Windy Point
FOR BDY
Hope Cem
Landing Strip
T 10 N
T 9 N
(SEWARD D-8)
Gravel Pit
Cabin
Bear Creek
Palmer Creek
Cowan
Nearhouse Mine
Palmer
Coeur d'Alene Creek
Club
Highland Creek
Island Cr
Bonanza Creek
Dowling Mine
Sunshine Mine
Willow Creek
Alder
Old Woman
CHUGACH
Cor
DVr
King & Bohn spawning also to this point.
ACE 7784967-15



ACE 7784967-15



DVr Dolly Varden (rearing)

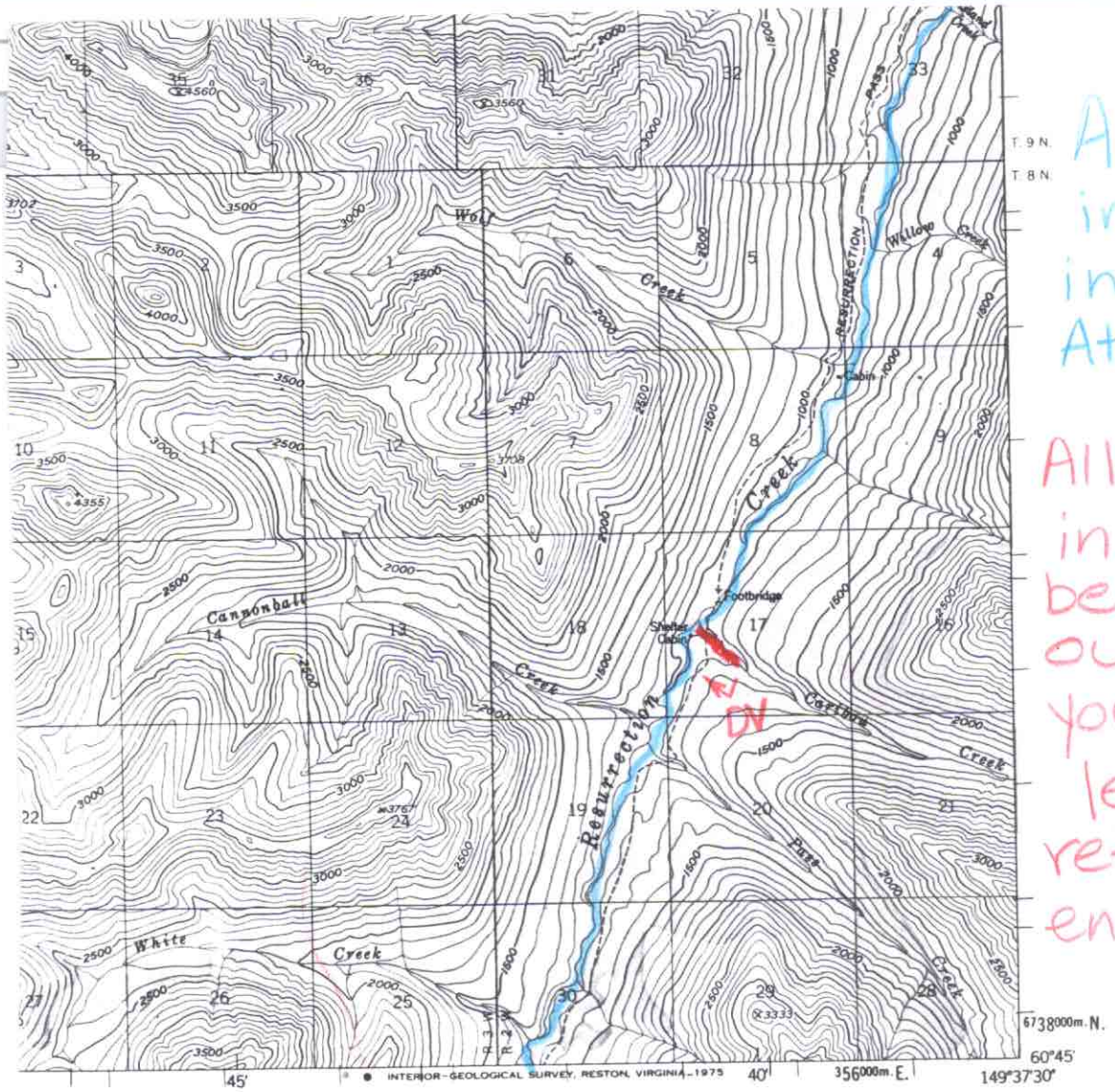
~~S Sockeye~~

Co COHO

K King

Ps Pink (spawning)

CH Chum



All information in blue appears in our Anadromous Atlas for 1982.

All information in red is to be added to our Atlas per your attached letter. Please refer to the enclosed letter.

(SEWARD C-7)

3 4 MILES

15000 18000 21000 FEET

4 5 KILOMETERS

ROAD CLASSIFICATION

Medium-duty — Light-duty

Unimproved dirt

State Route

ACE 7784966

ALASKA

QUADRANGLE LOCATION

SEWARD (D-8), ALASKA

N6045—W14937.5/15X22.5

1951