State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination for Waters Important to Anadromous Fish

7/1/01

Region: SOUTHWEST

USGS Quad: Goodnews Bay D-2; D-3

Anadromous Water Catalog Number of Waterway: 326-00-10400-2189-3031

Name of Waterway: Trail Creek (upper TogiakRiver Drainage) ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #: 01 017
Revision Year:
Revision to: Atlas ____ Catalog ____ Both X
Revision Code: A-1, B-6

Regional Supervisor — Date: 7/23/01

AWC Project Biologist — Date: 5/25/01

Drafted — Date:

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Dolly Varden	09/25/2000	87			☑
Coho Salmon	9-25-00; 8-29-00			2,4	☑
Sockeye Salmon	08/24/2000			2	☑
King Salmon	08/24/2000			2	☑
A. Grayling	08/28/2000			1	☐

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: These observations occurred during a Dolly Varden spawning grounds search and genetic tissue collections from Togiak Lake to upper Trail Creek. Aerial survey conducted on 8/24/00: Mark Lisac w/ Scotty Gibbons (P) in R-44 Helicopter. River float trip 8/28 to 9/1/00: Mark Lisac and Andy Aderman using hook & line. Helicopter survey and ongrounds collections using seine and gill net 9/25/00: Mark Lisac and RD Nelle.
The Furthest upstream observations by species:
8/24/00 - RS @ 59'57.891 x 159'38.527 ; KS @ 59'53.154 x 159'40.334 - both air observed.
9/25/00 - DV & CO @ 59'58.535 x 159'39.677; caught in nets;
8/28/00 - AGrayling @ 60'01.618 x 159'51.831; caught H&L
Attached: GIS Survey map and observation points (8/24/00). Other data available upon request.

Name of Observer (please print): Mark J. Lisac, Fisheries Biologist

Signature: Mark J. Lisac

Date: 01/19/2001

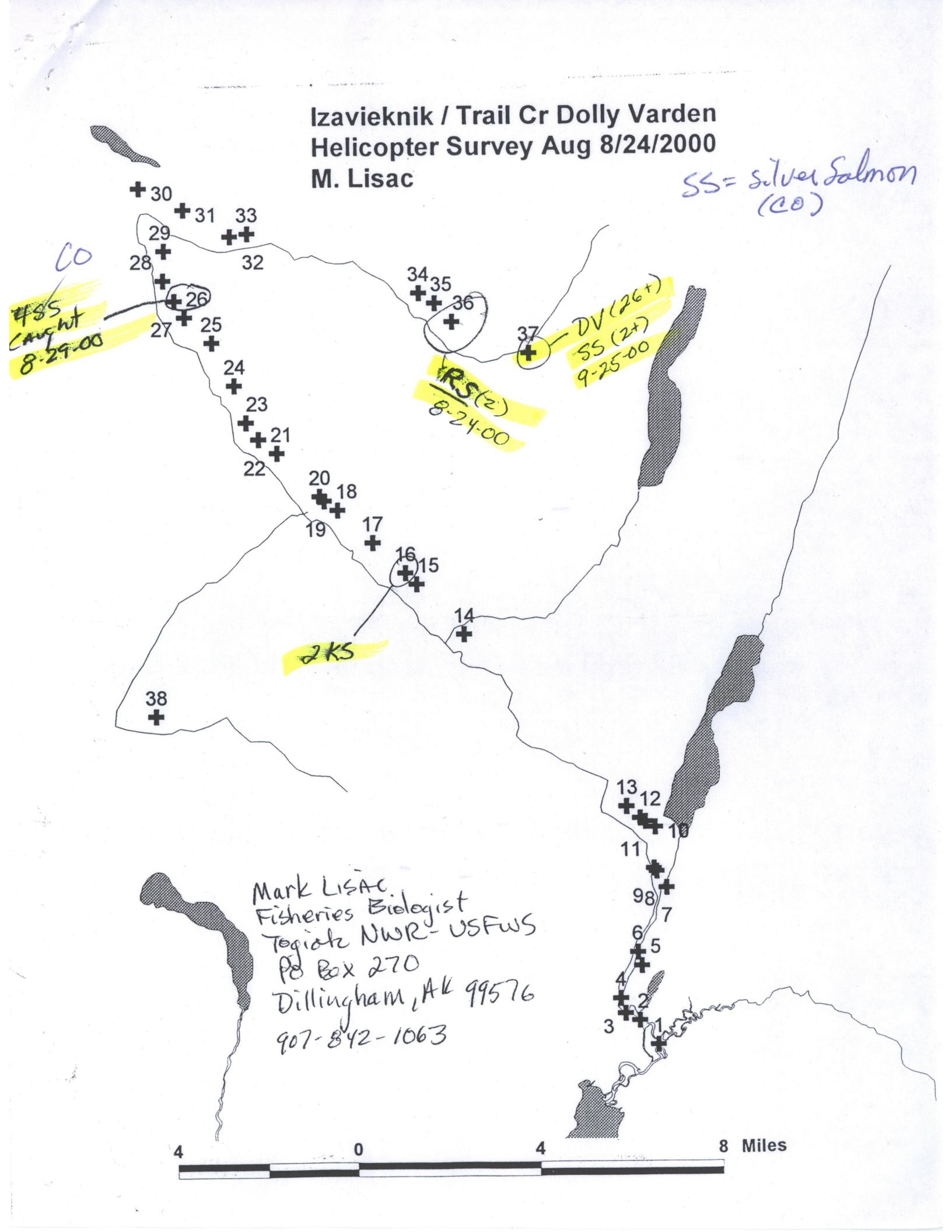
Address: USFWS, Togiak National Wildlife Refuge

P.O. Box 270, Dillingham, AK 99576

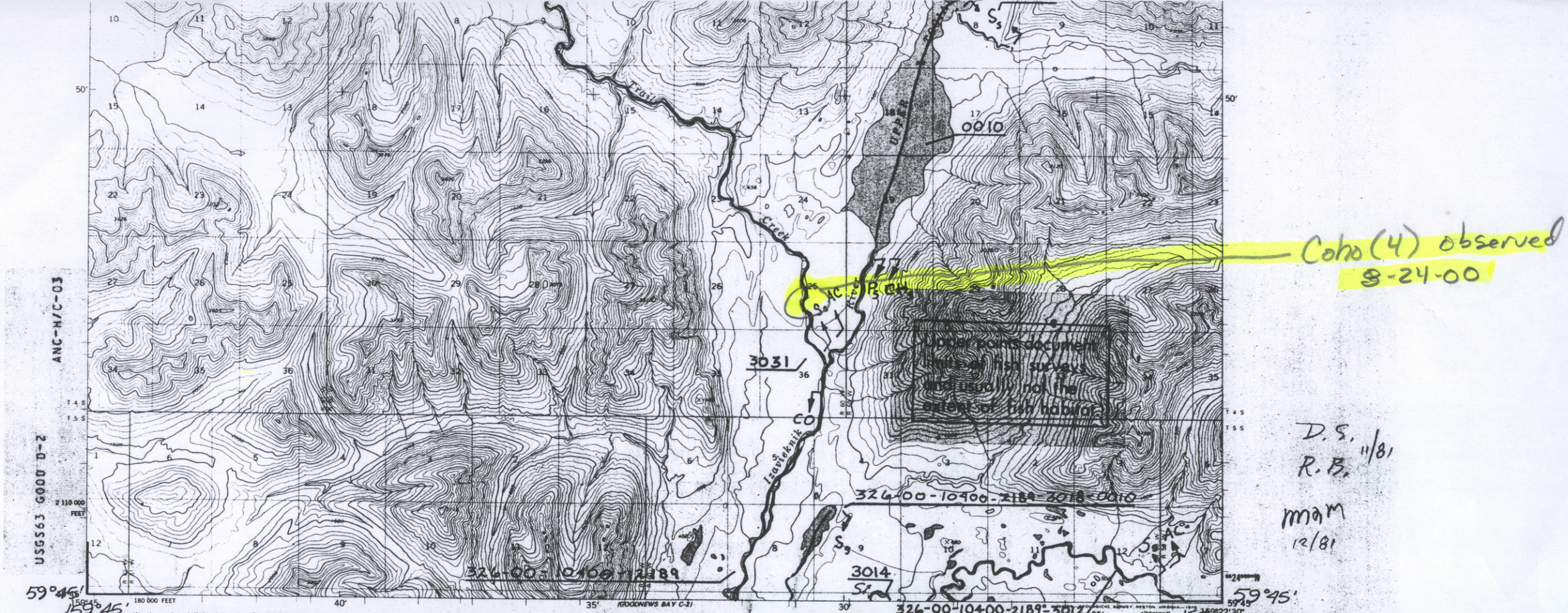
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: [signature]

Revision 3/97


Izavieknik / Trail Cr Dolly Varden
Helicopter Survey Aug 8/24/2000
M. Lisac
SS = silver Salmon (CO)
CO
4 SS caught 8-29-00
DV (26+) SS (2+) 9-25-00
RS (2) 8-24-00
2 KS
30
31
33
29
28
32
26
27
25
34
35
36
37
24
23
21
22
20
18
19
17
16
15
14
38
13
12
10
11
98
7
6
5
4
2
3
1
Mark Lisac
Fisheries Biologist
Togiak NWR - USFWS
PO Box 270
Dillingham, AK 99576
907-842-1063
4
0
4
8 Miles

PROJECT : DVG2000					RIVER NAME:		IZA / TRAIL	
DATE: 08/24/2000					HOBBS START:			
SURVEY #:					HOBBS END:			
WATER/WEATHER OBSERVATIONS:								
SITE #	OBS#		LAT		LONG	# FISH	SEINE	PHYSICAL DESCRIPTION
								water murky; spawning salmon; some small fish mixied in.
	1		59.7376		-159.5149	0		Iza. Trib, deep hole ; very few fish in trib
	2		59.7453		-159.5265	30		east channel; flat run w/ RS
	3		59.7474		-159.5355		Y	run alon gravel bank; AC./DV mix with RS
	4		59.7521		-159.5382	40	Y	run between gravel bars; few RS
	5		59.7625		-159.5250			split of E/W braids.
	6		59.7667		-159.5274	20		Inside gravel bar; flat water above split.
	7		59.7870		-159.5089			conflu w/ trail
	8		59.7922		-159.5151	10		inside run; fast water; seen groups 2-3
	9		59.7931		-159.5168	20	Y	btm of run; falt water; above braid; w/ SS (4)
	10		59.8060		-159.5158	15		
	11		59.8078		-159.5219	10	?	FLAT RUN BELOW ROCK CLIFF
	12		59.8088		-159.5252	20	N	BIG TURN @ ROCK BLUFF
	13		59.8125		-159.5336	40	Y	TAIL END OF HOLE; above flat water
	14		59.8666		-159.6349	70	Y	conflu W/ trib(s); tail of pool; just below High Cr.
	15		59.8824		-159.6650			TOP OF CANYON - BETTER CAMP BEFORE
	16		59.8859		-159.6722	2		rock narrows; big hole below w/ KS
	17		59.8953		-159.6929	SS	?	pool/ hole @ conflu of braids ;; not much holding water
	18		59.9055		-159.7154	40	?	long straight run; s. bank; big boulder @ end
	19		59.9084		-159.7241	20	Y	inside turn; rocky trench; slick water below riffle
	20		59.9098		-159.7269	30		conflu w/ big S. trib.; stop; caught 3 DV PR: GOOD CAMP
	21		59.9234		-159.7544	2	Y	deep pool @ slough ; off island
	22		59.9276		-159.7662	12	Y	slow run; tail of pool off over hang brush
	23		59.9329		-159.7741	2	?	off end of brushy island
	24		59.9445		-159.7818	2	?	tail end of cut bank
	25		59.9579		-159.7962	8		funnel run below riffle
	26		59.9660		-159.8134			PORTAGE OR CUT TREES - channel blocked
	27		59.9711		-159.8200			Confluence w/ s. branch big pool
	28		59.9775		-159.8271		?	NO SALMON
	29		59.9869		-159.8266	5	Y	Top of straight; laminar flow
	30		60.0065		-159.8426			PORTAGE @ BEAVER LODGE (2ND ONE) ON S. BANK
	31		59.9997		-159.8145	1	N	Cut bank
	32		59.9914		-159.7846	6		tail end rocky pool; rock bluff
	33		59.9923		-159.7737	4	N	deep hole where rocks pinch river - below rock
	34		59.9739		-159.6634	4		River flatens out / skinny
	35		59.9708		-159.6531	8		along cut bank;; spread out/ landed caught male DV PR
	36		59.9649		-159.6421			RS 2 in good shape
	37		59.9551		-159.5930	END		END 15:40
	38		59.8402		-159.8311	0		Flew Trail Cr. Trib S to Nenevok - no fish at ALL; 1 king fisher.



D.S. 11/81
R.B.
mam 12/81

Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, and USCE

Topography by photogrammetric methods from aerial photographs taken 1973, field annotated 1976. Map not field checked
Map edited 1978

Projection and 1000-meter grid ticks: Universal Transverse Mercator, zone 4
10,000-foot grid ticks based on Alaska coordinate system, zone 6. 1927 North American datum

Gray land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management Folio S-19, Seward Meridian

Swamps as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from aerial photographs

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1978

SCALE 1:63360

CONTOUR INTERVAL 100 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
No roads or trails in this area

QUADRANGLE LOCATION

GOODNEWS BAY (D-2), ALASKA
N5945—W15922.5/15X22.5
1978

ANC63 07042 GOOD D-2

NO. 2

LEGEND

S	Sockeye Salmon
K	King Salmon
CO	Coho Salmon
P	Pink Salmon
CH	Chum Salmon
SH	Steelhead Trout
DV	Dolly Varden
AC	Arctic Char
SF	Sheefish
W	Whitefish
C	Cutthroat Trout

Subscript
s - Known Spawning
r - Rearing
* m - Migration

* Migration upstream is assumed for stream reaches where anadromous fish occur

COMP. DRC
DRAWN CB
REVISED DRC
APPROVED ERL
DATE 4/82
FILE NO.

N

SCALE
1" = 1 MILE
1 : 63,360

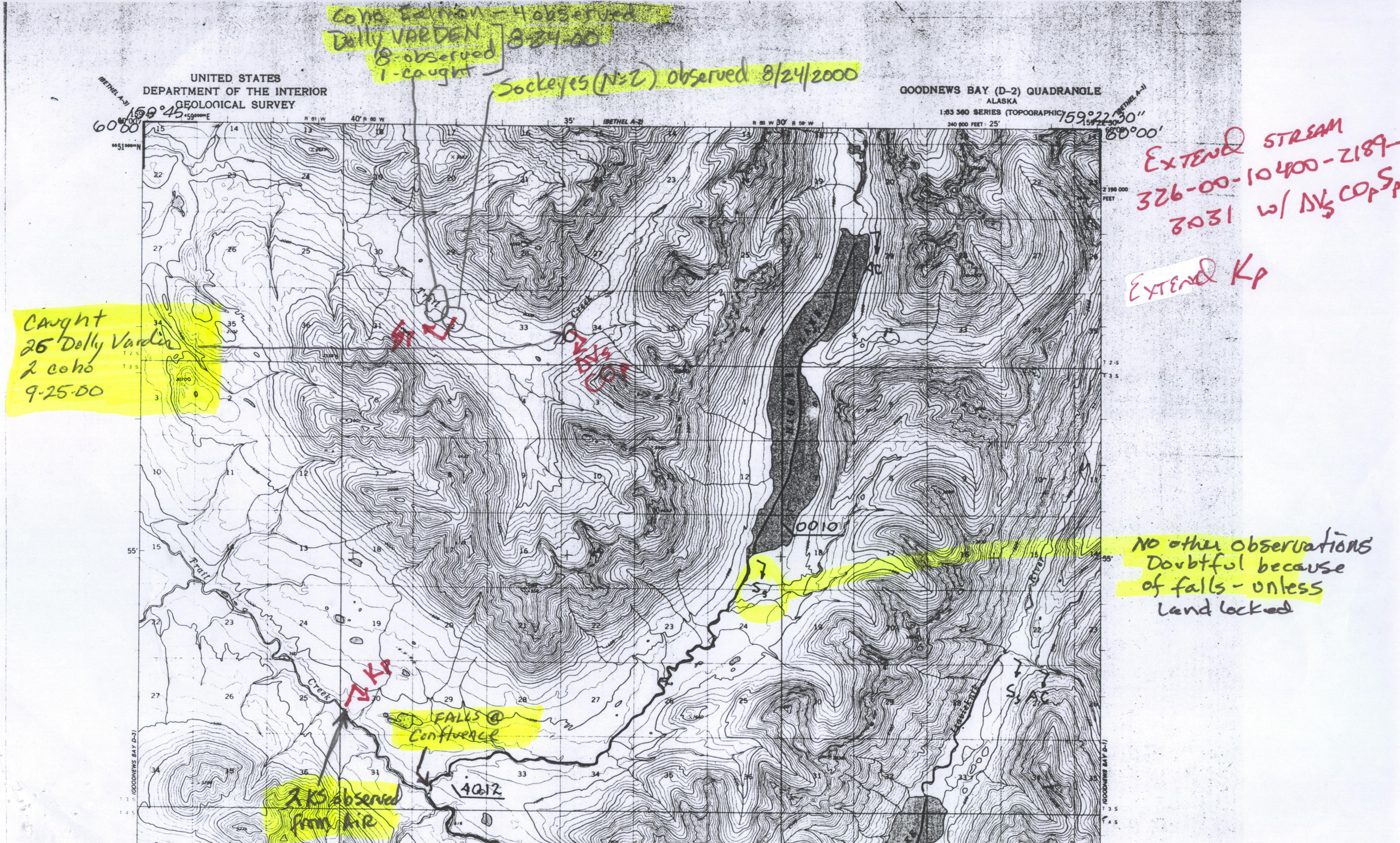
PROJ. TITLE
ANADROMOUS STREAM CATALOG
ANADROMOUS WATERS ARE LISTED PURSUANT TO AS 16.05.870 (a)

MAP TITLE
GOODNEWS BAY D-2

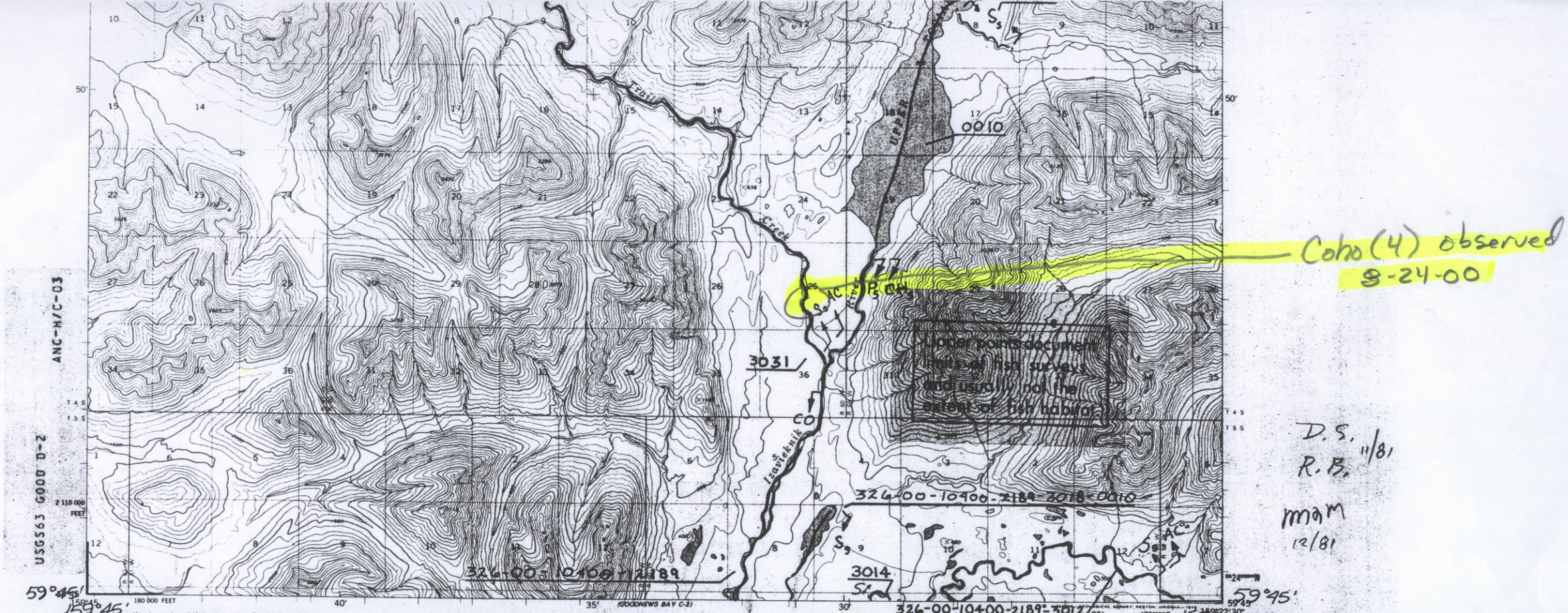
STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
habitat protection division
JUNEAU, ALASKA

BY	DATE
SJS	11/85
EWW	1/95

REVISIONS



Coho Salmon - 4 observed
Dolly VARDEN
8-observed
1-caught
8-24-00
Sockeyes (N=2) observed 8/24/2000
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
GOODNEWS BAY (D-2) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)
158°45'
60°00'
159°22'30"
80°00'
Extend STREAM
326-00-10400-2189-
3031 w/ ΔVs COp Sp
Extend Kp
Caught
26 Dolly Vardin
2 coho
9-25-00
Sp
ΔVs
COp
AC
0010
No other observations
Doubtful because
of falls - unless
Land locked
Kp
FALLS @
Confluence
4012
2 KS observed
from Air
Trail
Creek



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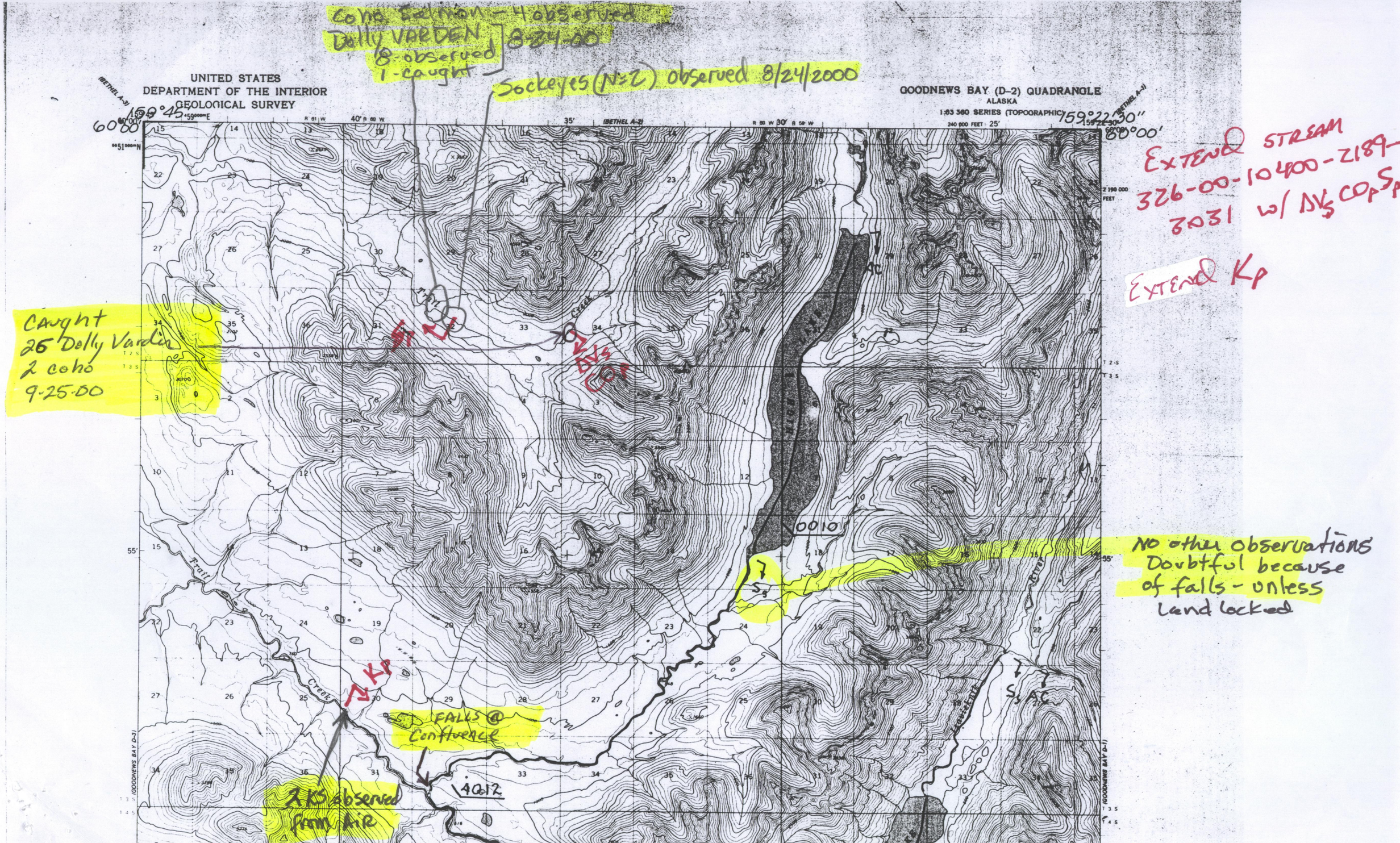

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