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

Region: ARCTIC

USGS Quad: BEECHY POINT A-3, BEECHY POINT B-3

Anadromous Water Catalog Number of Waterway: 330-00-10415-2001

Name of Waterway: LITTLE PUTULIGAYUK

☐ USGS Name ☒ Local Nam

☐ Addition ☐ Deletion ☒ Correction ☒ Backup Information

For Office Use

Nomination #	97 045	Regional Supervisor OICLLA	12-4-96 Date
Revision Year:			
Revision to: Atlas ____ Catalog ____ Both X		Ed Weiss AWC Project Biologist	2/11/97 Date
Revision Code:	E-7 C-1 A-1 D-1 A-1	L. Crone Drafted	12/2/97 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
					☐
					☐
					☐
					☐
					☐

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: AC SHOULD BE DV (DOLLY VARDEN)
LITTLE PUTULIGAYUK RIVER IS ONE STREAM RUNNING TO LAKE JUDITH - SHOULD BE ONE # (ANADROMOUS)
LAKE JUDITH - LOCAL NAME

ALASKA DEPT. OF FISH & GAME
DEC 23 1996
REGION II HABITAT AND RESTORATION DIVISION

Name of Observer (please print): CARL HEMMING

Date: _____ Signature: Carl Hemming

Address: 1300 COLLEGE ROAD
FAIRBANKS, AK 99709

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: Carl Hemming

Revision 11/96

STATE OF ALASKA

TONY KNOWLES, GOVERNOR

DEPARTMENT OF FISH AND GAME

HABITAT & RESTORATION DIVISION

1300 COLLEGE ROAD
FAIRBANKS, ALASKA 99701-1599
PHONE: (907) 459-7289
FAX: (907) 456-3091

July 15, 1996

Dr. Christopher J. Herlugson, Supervisor
Environmental Assessment Section
Environmental and Regulatory Affairs, Alaska
BP Exploration (Alaska) Inc.
P.O. Box 196612
Anchorage, AK 99519-6612

Dear Dr. Herlugson:

RE: Gravel Pit Study

Enclosed is a trip report prepared by Mr. Hemming summarizing fisheries investigations conducted in the Prudhoe Bay and Kuparuk River units in late June, 1996. Catch rates for Arctic grayling in Mine Sites B and D in the Kuparuk River unit were higher than in previous sample years. In the Putuligayuk and Little Putuligayuk River systems, Dolly Varden and broad whitefish were collected in reaches previously not included in the anadromous catalog. A large number of adult broad whitefish were found in Lake Judith. Similar letters have been sent to Mr. Bob Elder (ARCO Alaska Inc.) and Mr. Rod Hoffman (ARCO Alaska Inc.). If there are any questions please contact either me or Mr. Hemming at 459-7289.

Sincerely,

Alvin G. Ott, Regional Supervisor
Habitat and Restoration Division
Department of Fish and Game

Enclosure

cc: w/enclosure
Craig George, NSB, Barrow
Bill Wilson, LGL, Anchorage
Fred Andersen, ADF&G, Fairbanks
Carl Hemming, ADF&G, Fairbanks

AGO/ago

North Slope Gravel Mine Site Project Trip Report

June 24-28, 1996

General Comment

Fisheries investigations were conducted in the Prudhoe Bay and Kuparuk River units of the North Slope oilfields June 24-28, 1996. This trip was the first of three planned for the 1996 field season. We collected data to evaluate the experimental introduction of Arctic grayling (*Thymallus arcticus*) at Kuparuk Mine Site B and D and to characterize summer fish use of the Putuligayuk (Put) River system including the Little Put River and Lake Judith.

We used fyke traps to live capture fish at two Kuparuk area mine sites and in the Put River system. At Kuparuk Mine Site B nets were fished in East Creek above the mine site, at the inlet, and in the mine site. At Mine site D we set nets at the access ramp and near the Charlie Creek inlet at the northwest corner of the site. Three nets were fished in the Put River system: at the Put 27 Mine Site access ramp, in the Put River just east of B Pad upstream of the Spine Road, and in the Little Put River at the inlet to Lake Judith located downstream from Drill Site 14. All fish except ninespine stickleback (***Pugitius pugitius***) were measured (fork length) and released. Ninespine stickleback were identified, enumerated and released. Grayling captured in the Kuparuk mine sites were marked with a dorsal fin hole punch. A recapture event will occur later in the summer to estimate the population of grayling at each site. Large broad whitefish (***Coregonus nasus***) in the Put River system were marked with internal anchor tags.

Weather conditions were cool and overcast with moderate winds. Water temperatures ranged from 4 to 9 ° C while air temperatures were slightly above the freezing point.

Personnel and Logistics

BPX provided field logistical support including, air transportation from Fairbanks to Deadhorse and return, room and board at Annex # 1, and a motor pool truck. Bill Morris assisted with the field work.

Significant Findings

Put River System

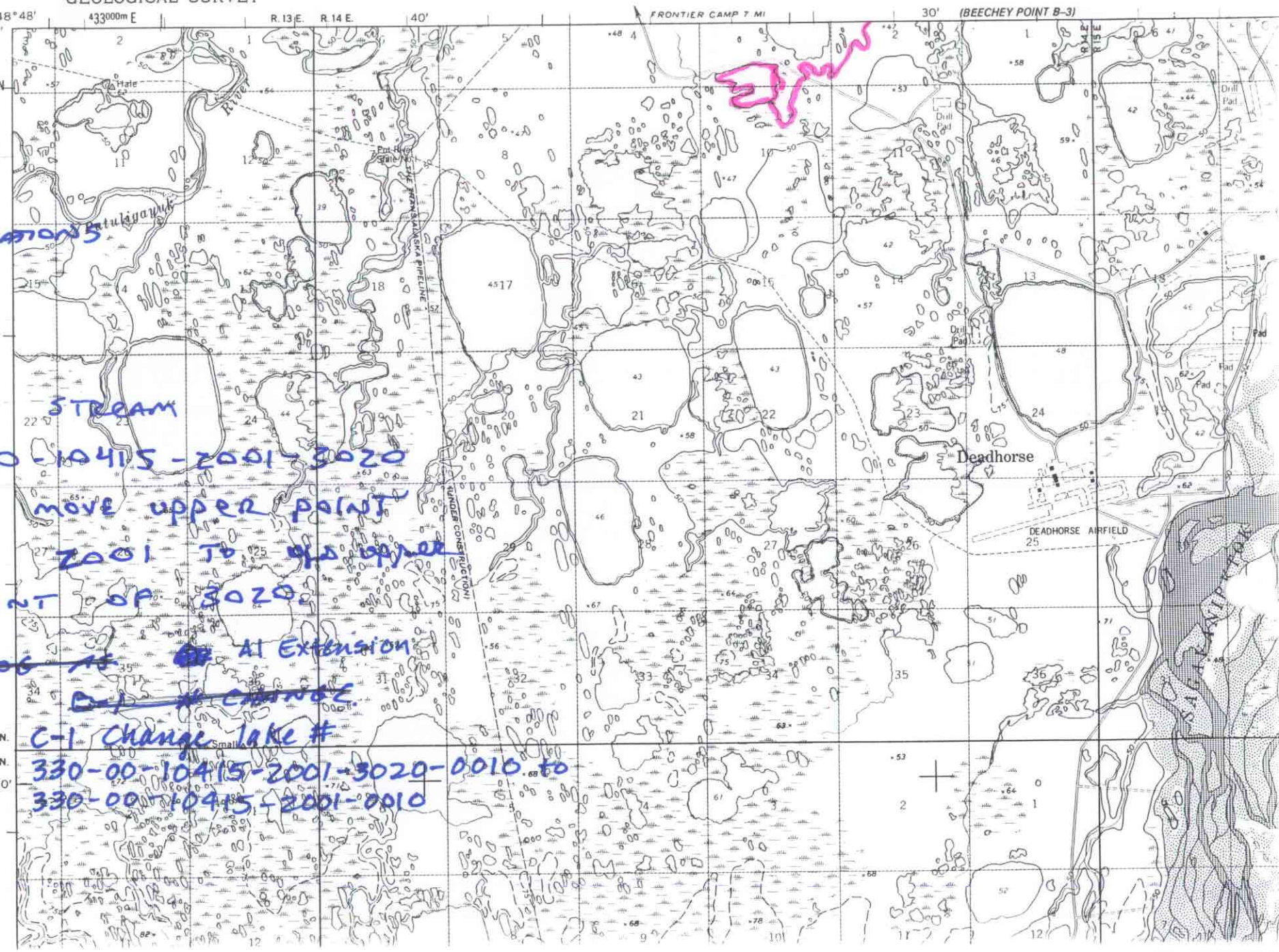
Five species of fish were captured in Put 27: Arctic flounder (*Liopsetta glacialis*), fourhorn sculpin (*Myoxocephalus quadricornis*), ninespine stickleback, Dolly Varden

Table 1. Fish captured in the Put River system, 1996.

Date	Location	Water Temp °C	Species Captured	Number	Fork Length (mm)	Tag #
6/26/96	Put 27	9.0	Dolly Varden	2	144	
					166	
			Arctic flounder	5	47	
					57	
					60	
					75	
					90	
			fourhorn sculpin	3	62	
					90	
					116	
			ninespine stickleback	26	n/a	
	Lake Judith	5.0	broad whitefish	8	365	white 906
					370	white 904
					385	white 903
					408	white 908
					420	white 905
					460	white 907
					471	white 901
					490	white 902
6/27/96	Put River	7.0	broad whitefish	2	372	white 910
					434	white 909
	Put 27	8.0	broad whitefish	1	473	white 911
			fourhorn sculpin	1	132	
			ninespine stickleback	12	n/a	
	Lake Judith	5.0	broad whitefish	16	355	white 917
					359	white 919
					360	white 924
					367	white 918
					369	white 926
					370	white 925
					380	white 916
					395	white 913
					404	white 921
					405	white 915
					410	white 920
					426	white 923
					430	white 914
					455	white 922
					460	white 912
					485	white 927
			Dolly Varden	1	153	

BEECHY POINT A-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



CHANGE AC, DESIGNATIONS TO ΔV,

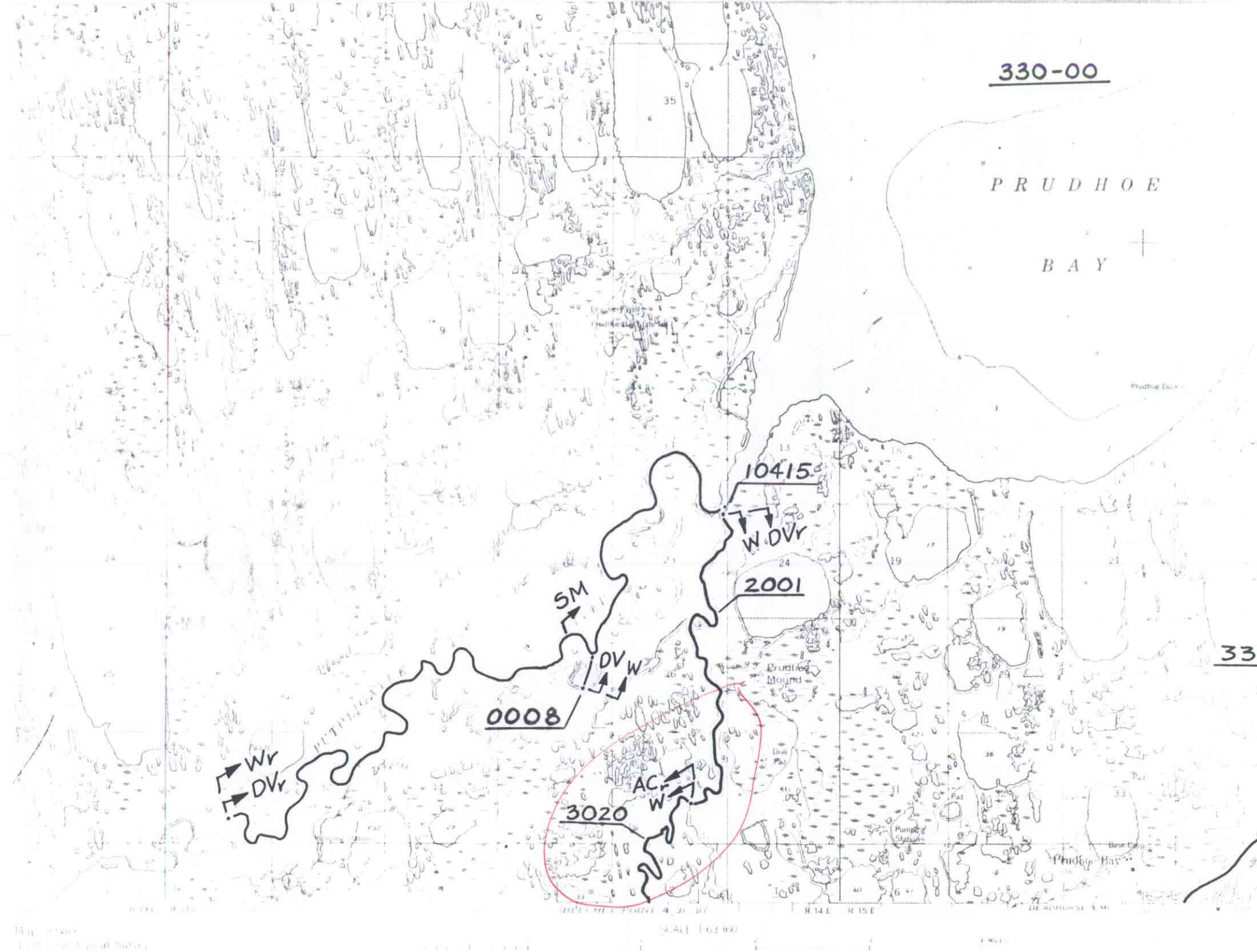
DELETE STREAM 330-00-10415-2001-3020

ADD MOVE UPPER POINT OF 2001 TO ~~OLD~~ UPPER POINT OF 3020.

~~LOG AS~~ ~~OF~~ A1 Extension

~~C-1 A CHANGE~~

C-1 Change lake #
330-00-10415-2001-3020-0010 to
330-00-10415-2001-0010


330-00
PRUDHOE
BAY
10415
W
DVr
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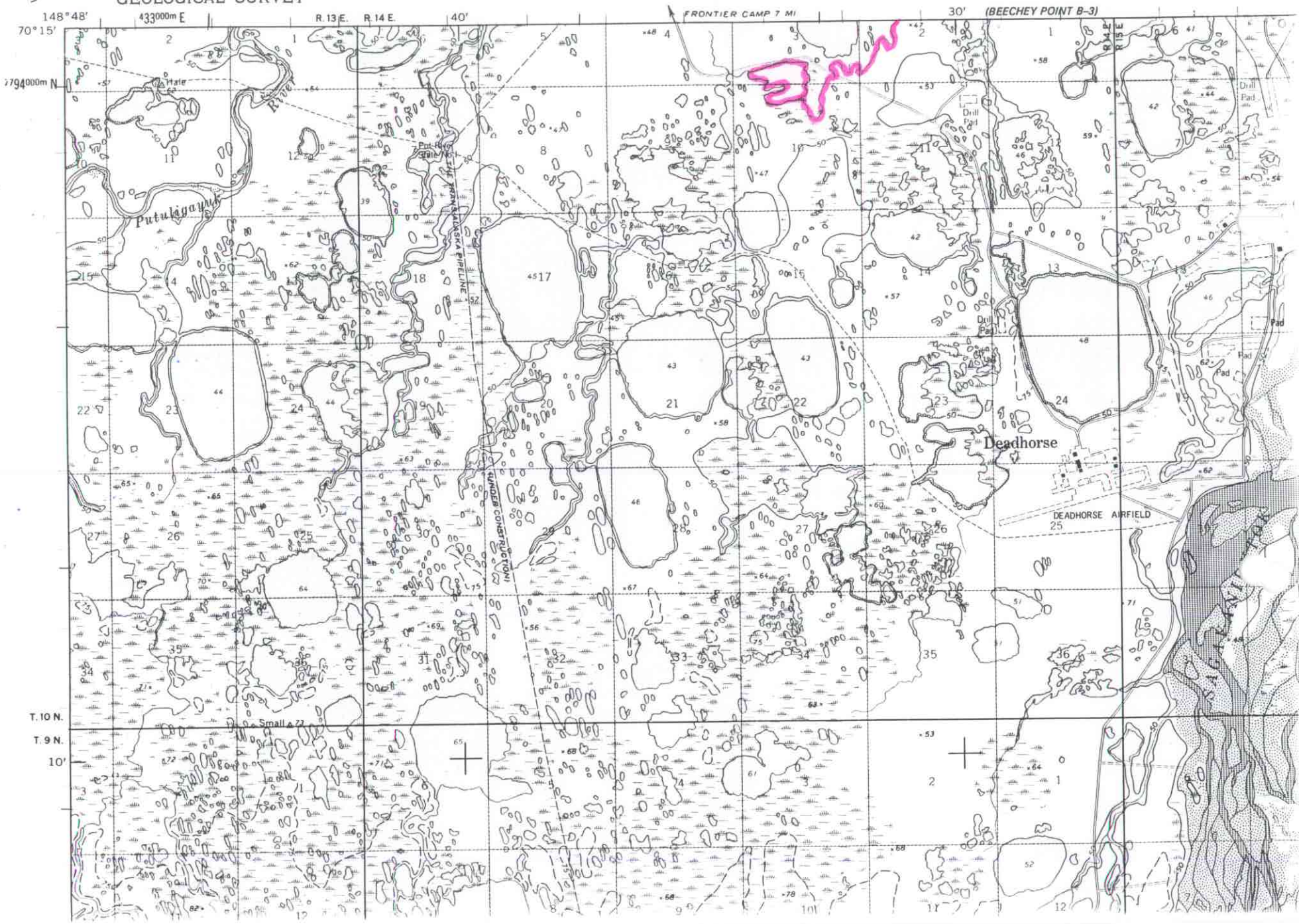
3020
Prudhoe Mound
Pump Station
Prudhoe Bay
R 14 E
R 15 E
33

BEECHY POINT A-3

UNITED STATES
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