State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): CORDOVA D-2

Anadromous Waters Catalog Number of Water Body: 212-20-10080-2084 (-3005)

Name of Water Body: *Muskrat Meal Creek ☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination #: **24-942**

Revision Year: 2025

Revision to: ☑ Atlas ☑ Catalog

Revision Code: A-2, A-2d, F-1

Adam Reimer, Fisheries Scientist	12-16-2024
Habitat Operations Manager	12/4/2024
AWC Project Biologist	19 Nov 2024
GIS Analyst	12/20/24

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
sockeye salmon	07/26/2024		✓	✓	✓
Dolly Varden	07/26/2024		✓	✓	✓
chinook salmon	07/26/2024		✓		✓

~ADD new AWC Stream #212-20-10080-2084 with CHINOOK salmon REARING and Dolly Varden REARING and Dolly Varden PRESENT. ✓

~ADD new AWC Stream #212-20-10080-2084-3005 "*Muskrat Meal Creek" with Dolly Varden REARING. ✓

Comments:

See observer comments on page 2.
Coordinates (Lat,Long): Upper(60.794639,-144.428002) Lower(60.805097,-144.497239)

Name of Observer (please print): Duncan Green

Signature: 10.231.39.10 (Web Nomination) Date: 10/09/2024

Agency:

Address: 333 Raspberry Rd.
Anchorage, AK 99518

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 Anadromous Waters Catalog.

*Observations in this nomination also provide back-up supporting information on Sockeye salmon rearing and presence in existing AWC Stream #212-20-10080 "Copper River" up to the mouth of AWC Stream #212-20-10080-2084.

Name of Area Biologist (please print):

State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central **USGS Quad:** Cordova D-2

Anadromous Waters Catalog Number of Waterway: 212-20-10080-2084 (-3005)

Name of Waterway: * Muskratmeal Creek ☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # 24-942

Revision Year: 2025

Revision to: Atlas _____ Catalog _____ Both X

Revision Code: A-2, F-1

Fisheries Scientist	Date
Habitat Operations Manager	Date
AWC Project Biologist	Date
GIS Analyst	Date

Site Information **Station:** FSCB2333A01 **Date Observed:** 7/26/2024 **Legal Desc.:**

	Latitude:	Longitude:	Datum:
Up Stream	60.80537	-144.49386	WGS84
Down Stream	60.80510	-144.49724	WGS84

Station Comments: Shocked edges of main channel. Swift, deep water stopped upstream progress at a constriction at the upstream waypoint. Camera failure prevented photography of both sockeye salmon, but both were confidently identified by multiple biologists.

Life History: Anadromous

Species\LifeStage: sockeye salmon adult	**Sampling Method (No. of fish):** PEF (1)
Species\LifeStage: sockeye salmon juvenile	**Sampling Method (No. of fish):** PEF (1)
Species\LifeStage: Chinook salmon juvenile	**Sampling Method (No. of fish):** PEF (6)
Species\LifeStage: Dolly Varden juvenile	**Sampling Method (No. of fish):** PEF (3)
Species\LifeStage: Dolly Varden adult	**Sampling Method (No. of fish):** PEF (4)

Life History: Resident

Species\LifeStage: Arctic grayling juvenile	**Sampling Method (No. of fish):** PEF (1)
Species\LifeStage: slimy sculpin juvenile/adult	**Sampling Method (No. of fish):** PEF (1)

Key to Sample Method

(PEF) Backpack Electrofisher

Add Dolly Varden rearing, three were captured at the lower site between the mouth 33A01MOUTH (60.805097, -144.497239) and waypoint SALM2 (60.805339, -144.496453).

Additional Comments: Add Dolly Varden presence to DVBIG (60.805386, -144.496002), where two adult Dolly Varden were collected. Add Chinook rearing to waypoint KINGUP3 (60.805371, -144.493859), where three juvenile Chinook salmon were collected. Add sockeye presence to 33A01MOUTH (60.805097, -144.497239), where an adult sockeye salmon was caught. An additional juvenile sockeye salmon was caught upstream of that point at SALM2 (60.805339, -144.496453). See 36A02 for upstream nomination.

Name of Observer: Duncan Green, Fish & Wildlife Technician 3 Phone: Date Printed: 10/9/2024

Signature: _____

Address: Alaska Department of Fish & Game, Sport Fish - RTS
333 Raspberry Road
Anchorage, AK 99518

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 Anadromous Waters Catalog

Signature of Area Biologist: _____ **Date:** _____

GPSMAP 64st
33AU1MOUTH
Note
Location
N 60.805097°
W 144.497239°
Elevation
66 ft
Depth
Map
Done
GARMIN
2024/07/26

2024/07/26

2024/07/26

2024/07/26

Juvenile Chinook salmon

Adult Dolly Varden

State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central **USGS Quad:** Cordova D-2

Anadromous Waters Catalog Number of Waterway: 212-20-10080– 2084 (-3005)

Name of Waterway: * Muskratmeal Creek. ☐ USGS Name ☑ Local Name

☑ **Addition** ☐ **Deletion** ☐ **Correction** ☐ **Backup Information**

For Office Use

Nomination # 24-942

Revision Year: 2025

Revision to: Atlas _____ Catalog _____ Both X

Revision Code: A-1, A-2d

Fisheries Scientist	Date
Habitat Operations Manager	Date
AWC Project Biologist	Date
GIS Analyst	Date

Site Information **Station:** FSCB2336A02 **Date Observed:** 7/26/2024 **Legal Desc.:**

	Latitude:	Longitude:	Datum:
Up Stream	60.79464	-144.42800	WGS84
Down Stream	60.79453	-144.42989	WGS84

Station Comments: See 33A01 for survey at mouth.

Life History: Anadromous

Species\LifeStage: Dolly Varden juvenile **Sampling Method (No. of fish):** PEF (14) VOG (17)

Key to Sample Method

(VOG) Visual Observation, Ground (PEF) Backpack Electrofisher

Additional Comments: Add Dolly Varden rearing to upstream waypoint 36A02UP (60.794639, -144.428002), where five juvenile Dolly Varden were collected via backpack electrofishing. See 33A01 for nominations resulting from survey at mouth of stream.

Name of Observer: Duncan Green, Fish & Wildlife Technician 3 Phone: Date Printed: 10/9/2024

Signature: _____

Address: Alaska Department of Fish & Game, Sport Fish - RTS
333 Raspberry Road
Anchorage, AK 99518

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 Anadromous Waters Catalog

Signature of Area Biologist: _____ **Date:** _____

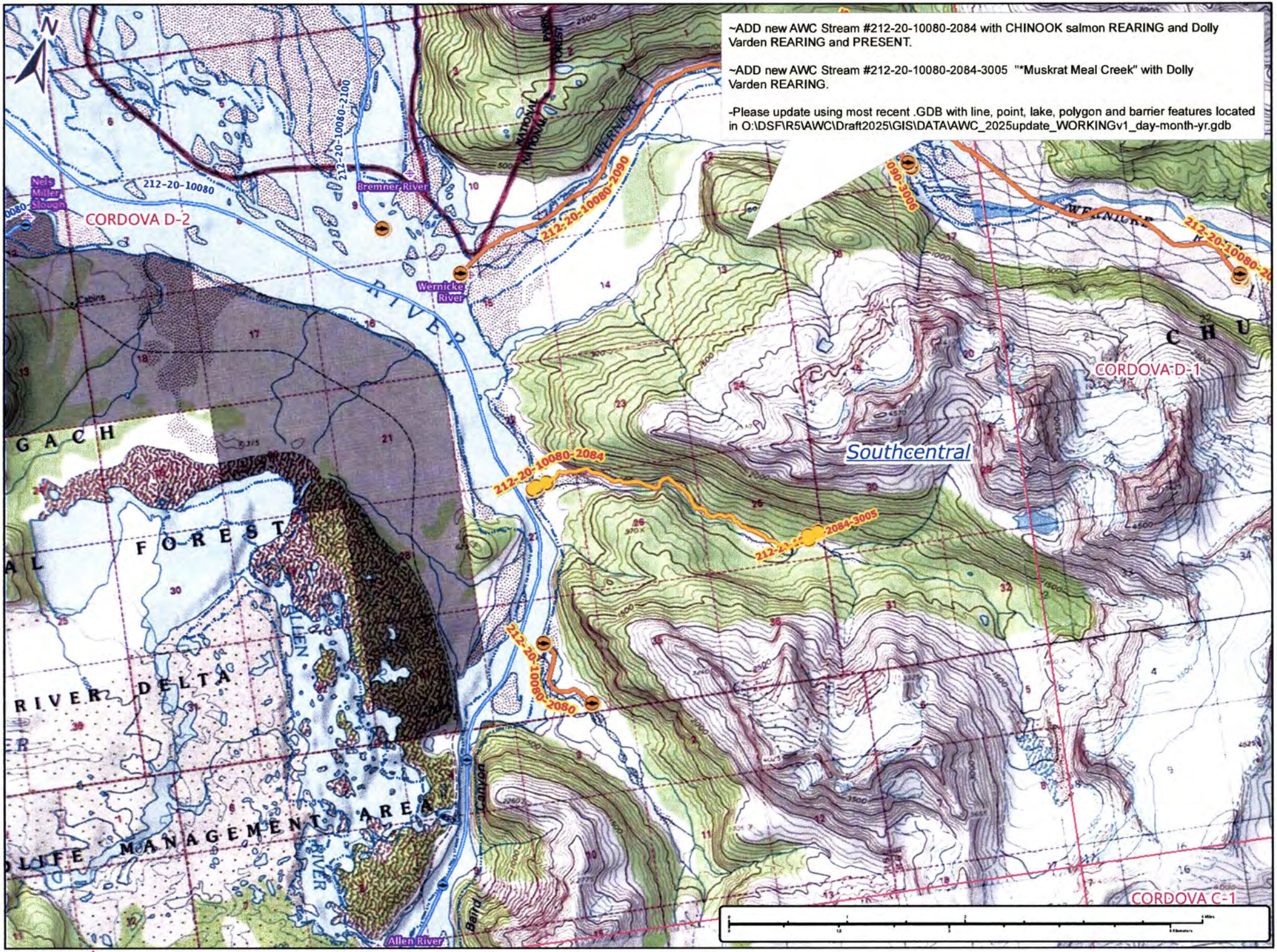
GPSMAP 64st
36A02H8
Note
Location
Map
2024/07/31
GARMIN

2024/07/31

2024/07/31

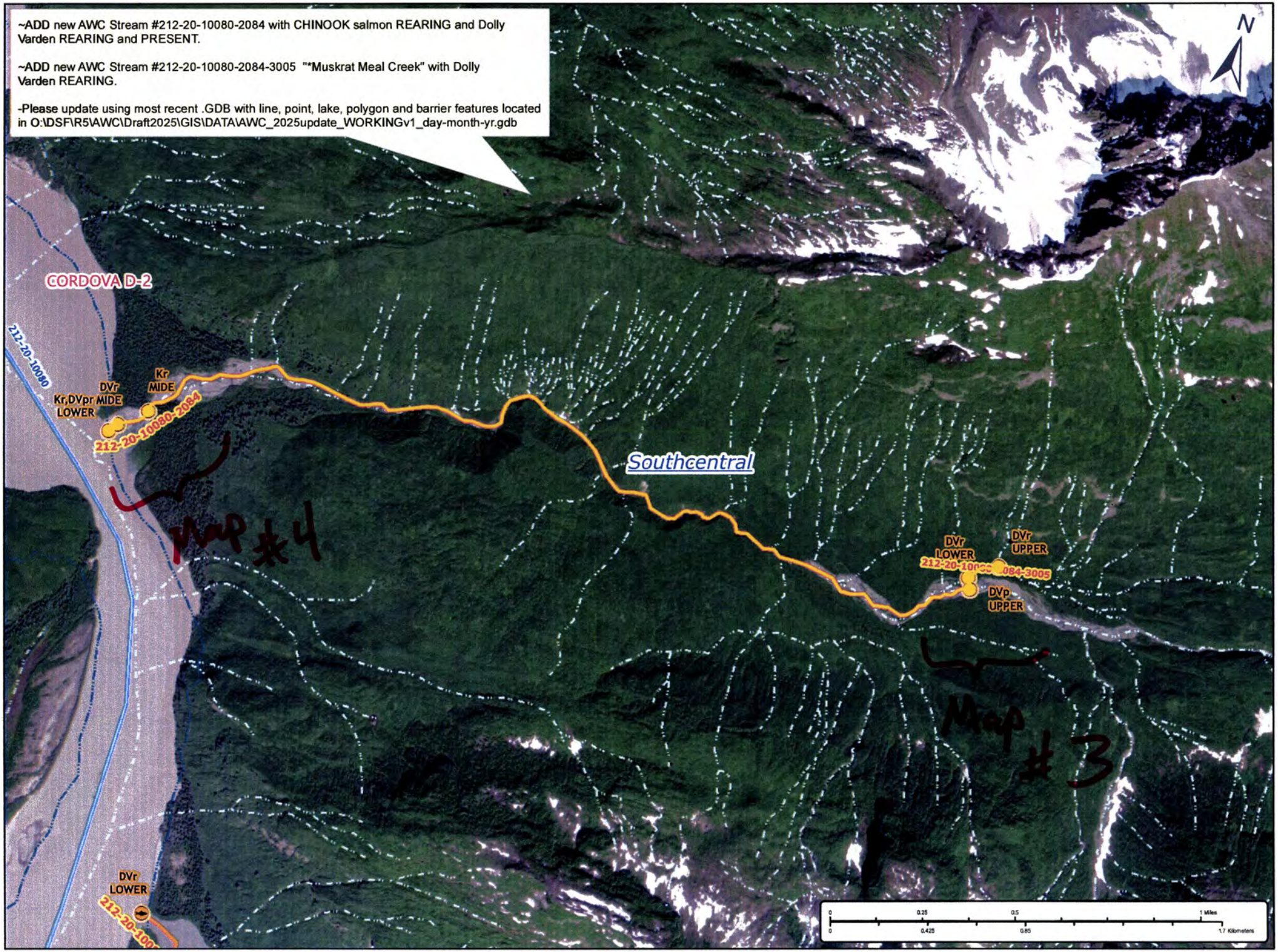
2024/07/31

Juvenile Dolly Varden



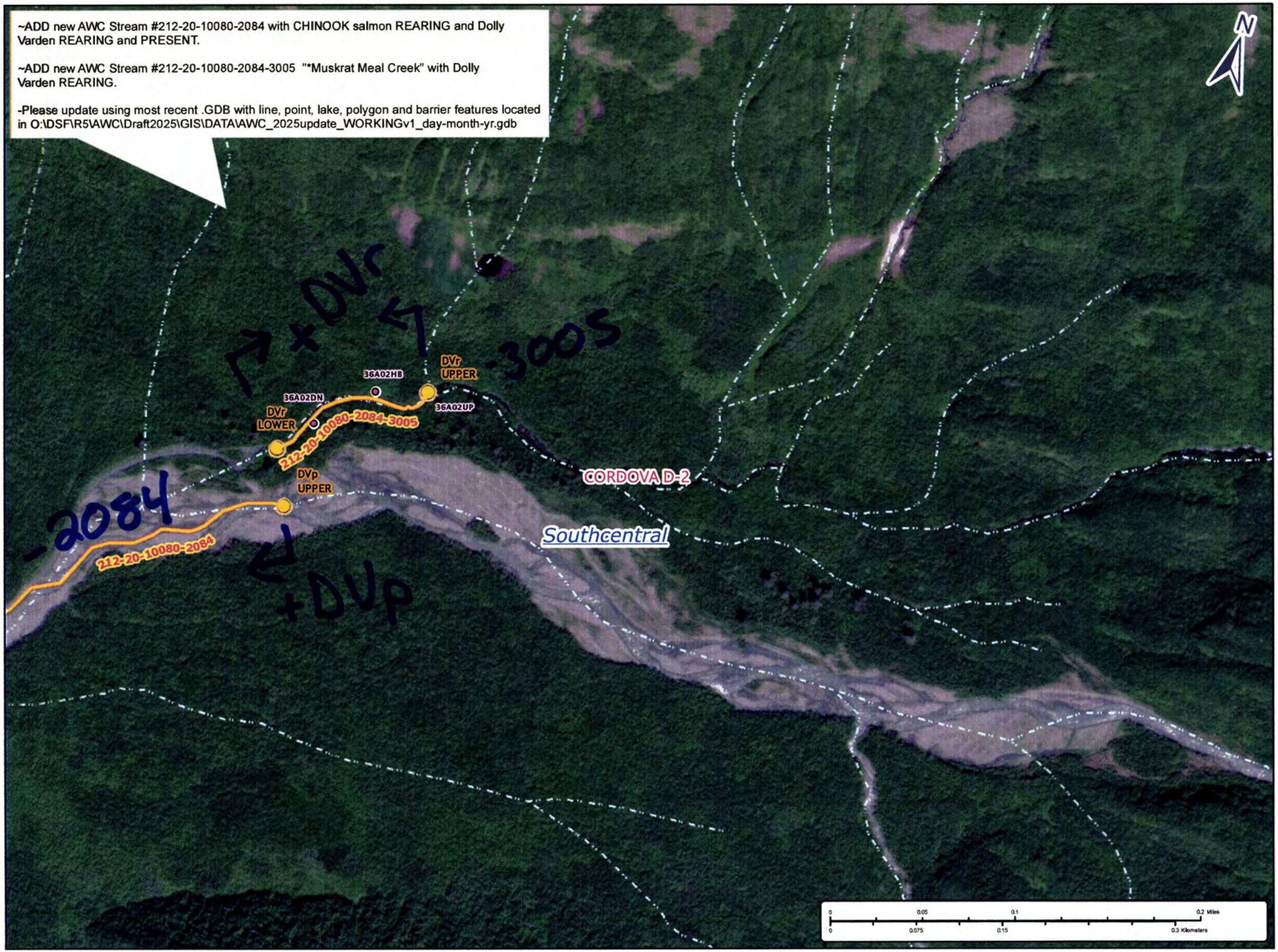
Nom #24-942

Map #1



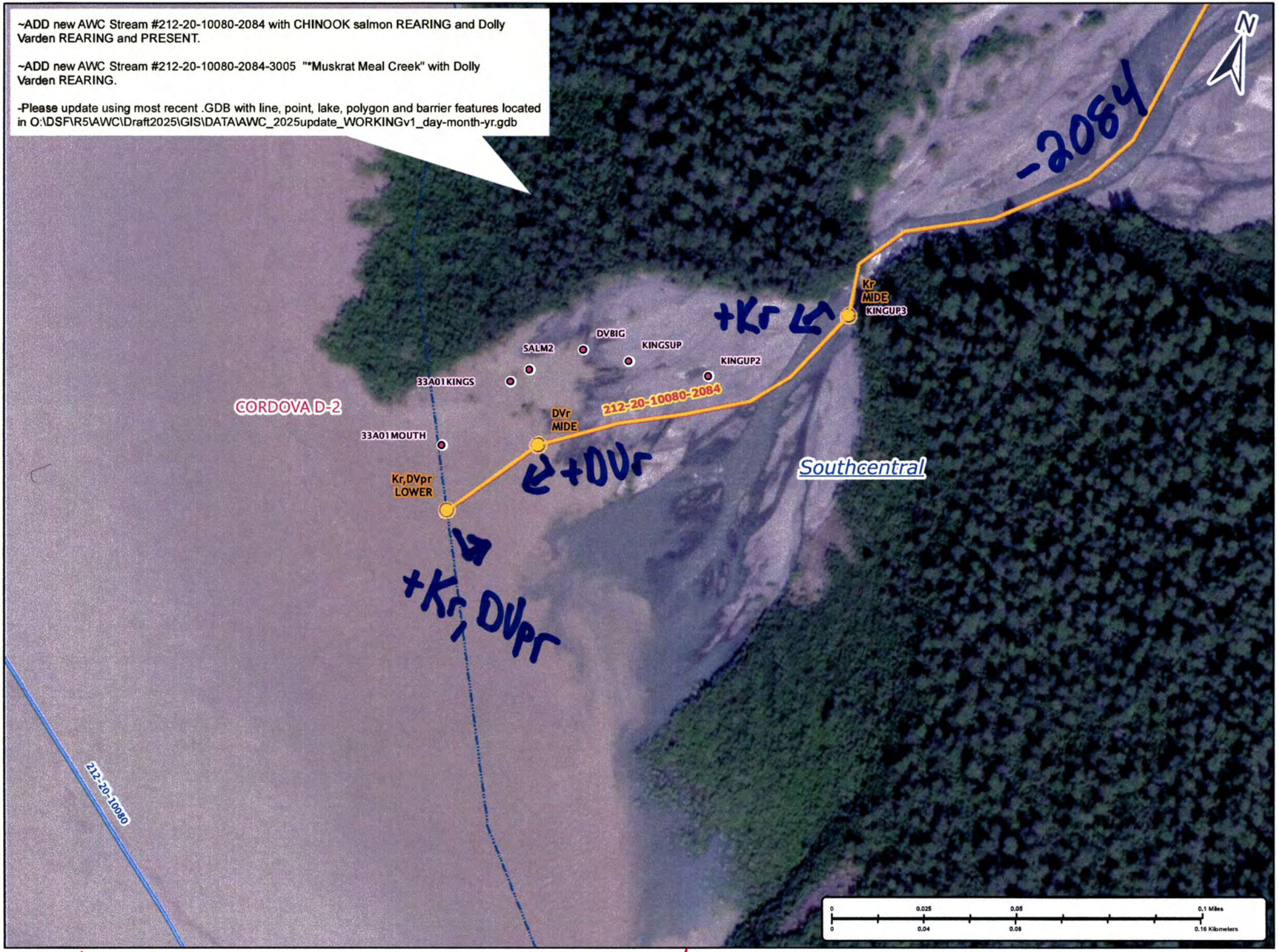
Nom #24-942

Map #2



Nom #24-942

Map #3



Nom # 24-942

Map #4