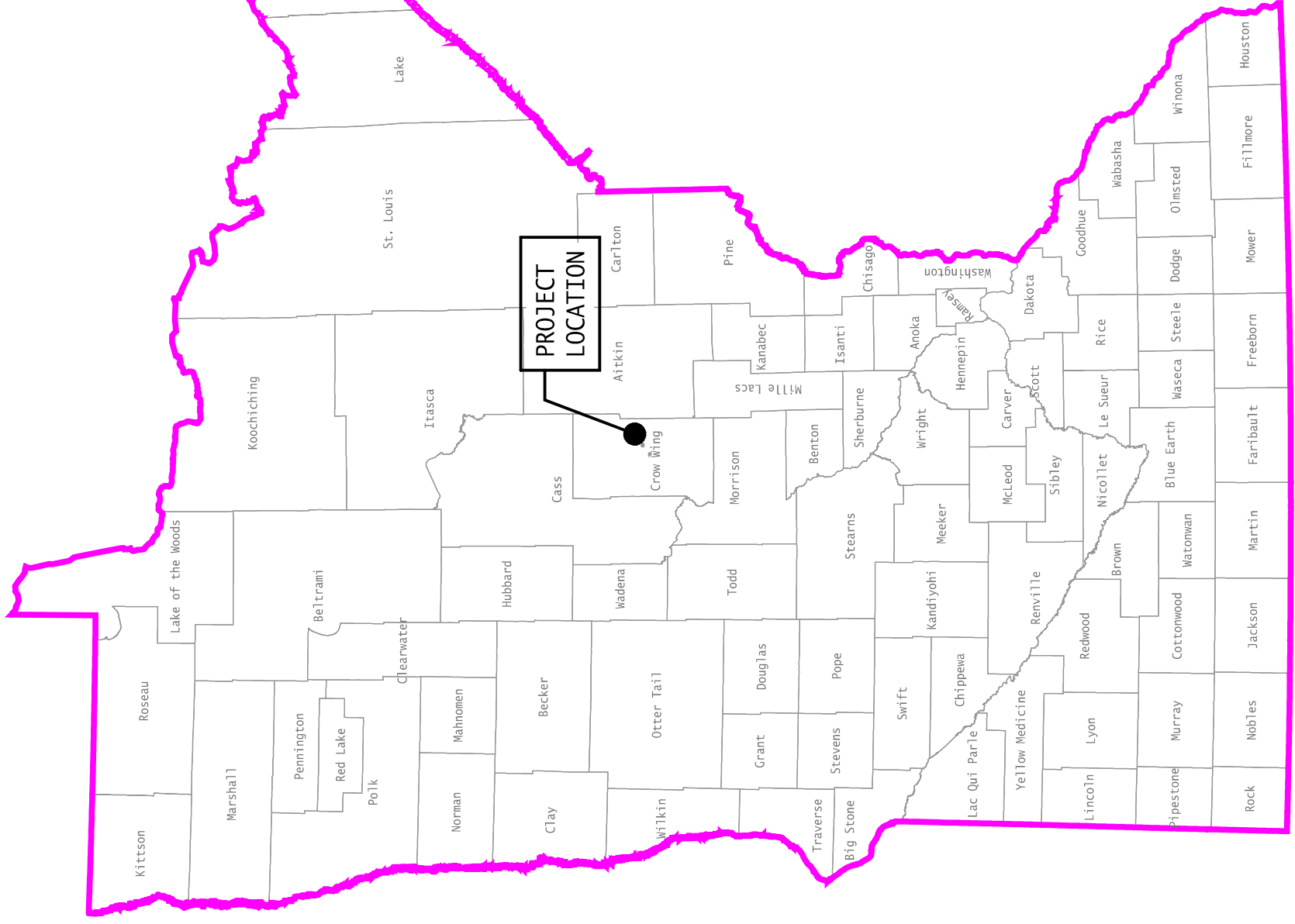


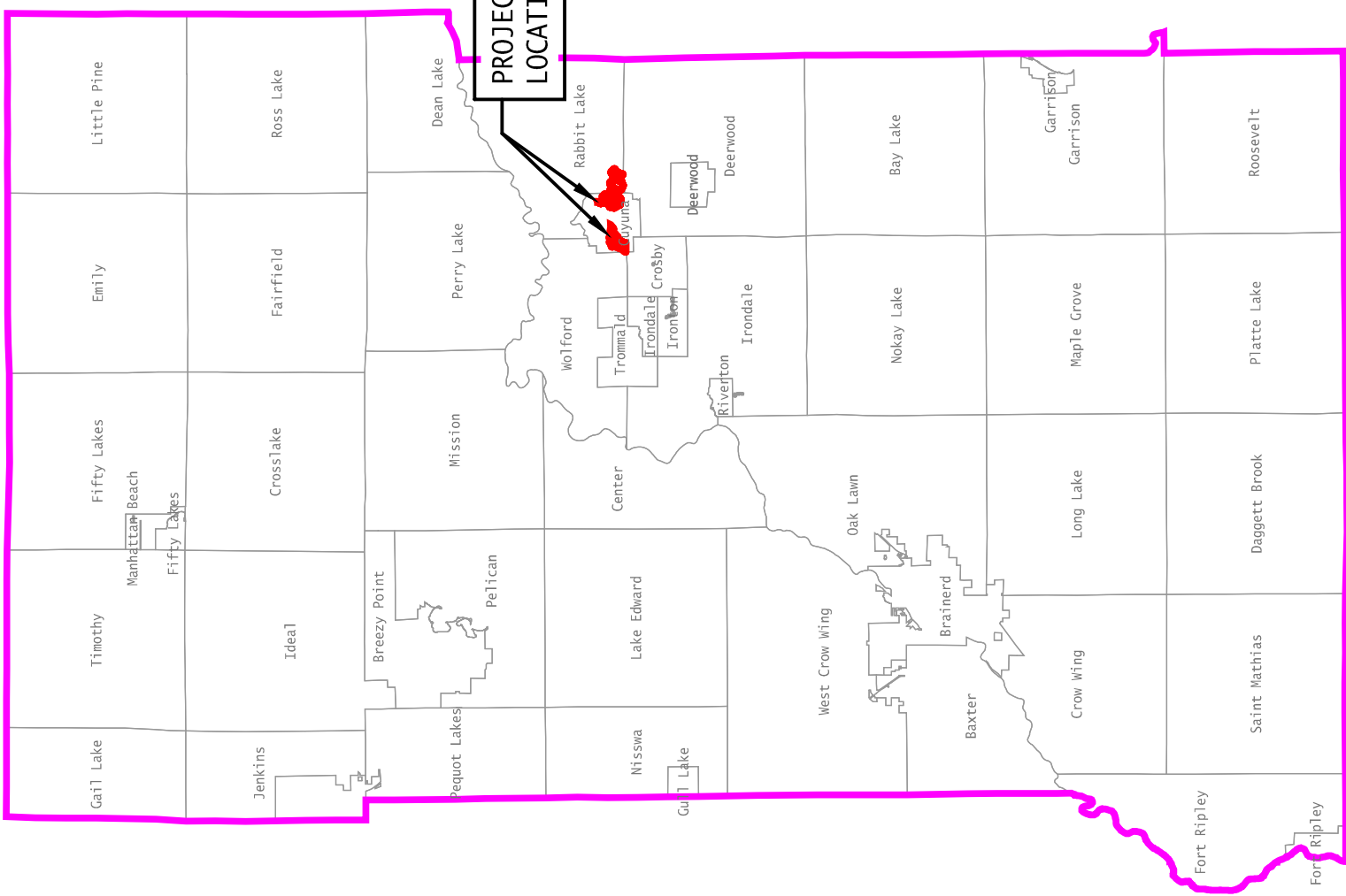
Cuyuna Connection and Cuyuna Hills Trail Project

ENVIRONMENTAL ASSESSMENT WORKSHEET

FIGURES 1 - 8



LOCATION - STATEWIDE

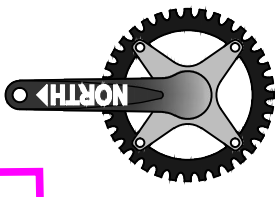


LOCATION - CROW WING COUNTY

CUYUNA CONNECTION & CUYUNA HILLS PROJECT

EAW FIGURES

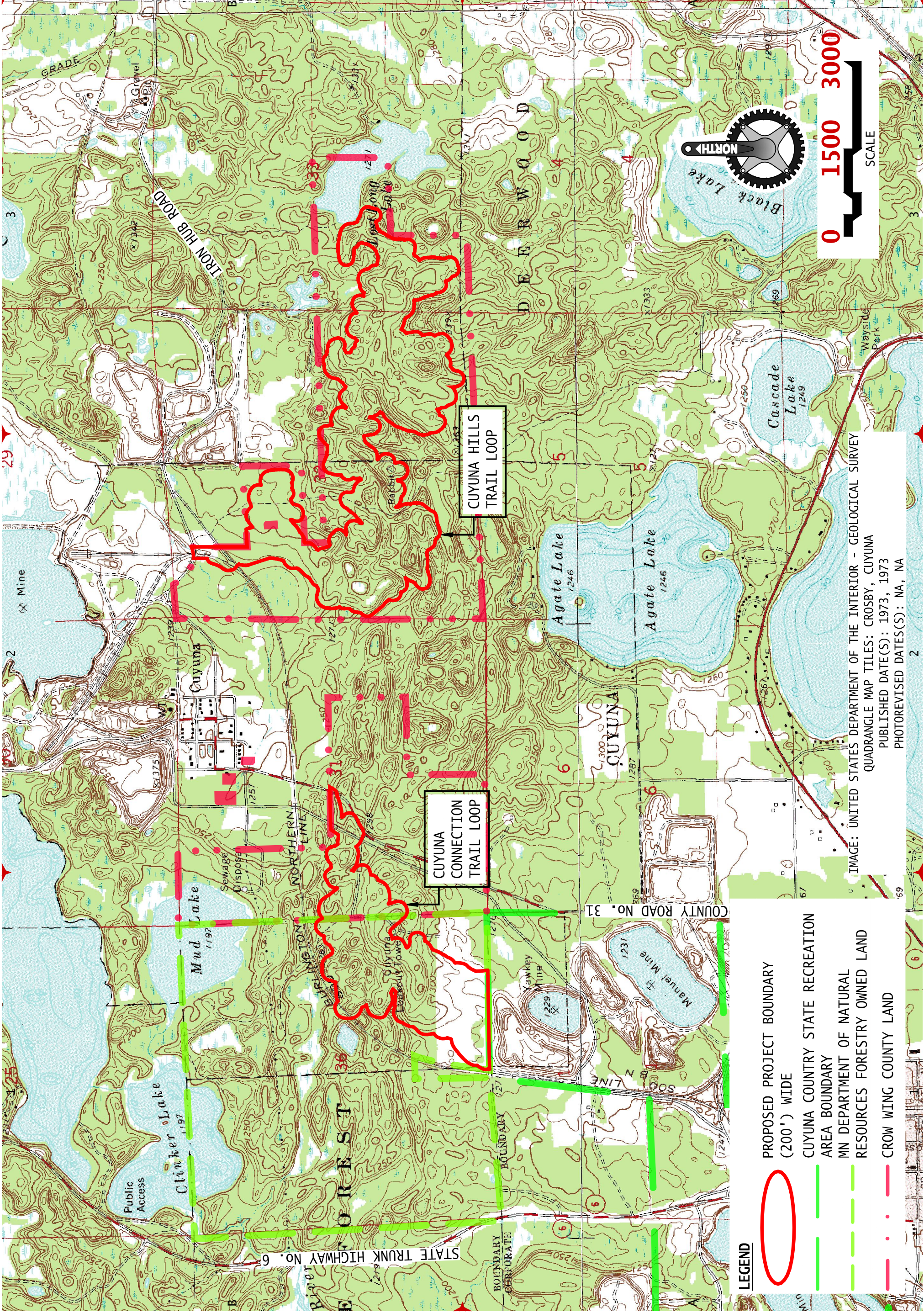
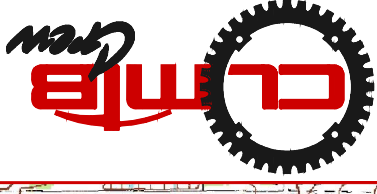
PROJECT LOCATION MAP



CUYUNA CONNECTION & CUYUNA HILLS PROJECT

EAW FIGURES

PROJECT LOCATION MAP - DETAIL



LEGEND





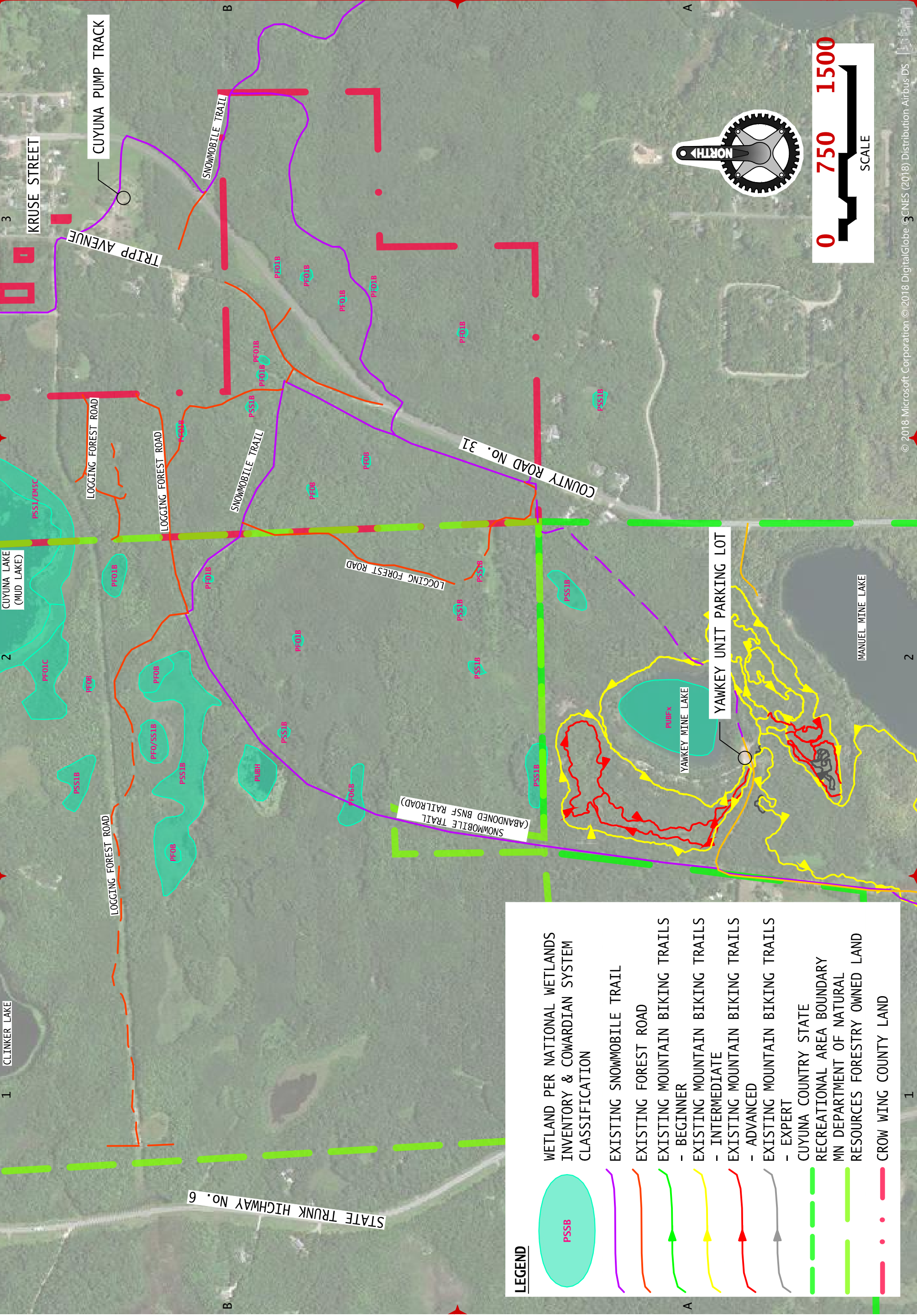
-  PROPOSED PROJECT BOUNDARY (200') WIDE
-  CUYUNA COUNTY STATE RECREATION AREA BOUNDARY
-  MN DEPARTMENT OF NATURAL RESOURCES FORESTRY OWNED LAND
-  CROW WING COUNTY LAND

IMAGE: UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY
 QUADRANGLE MAP TILES: CROSBY, CUYUNA
 PUBLISHED DATE(S): 1973, 1973
 PHOTOREVISED DATE(S): NA, NA





LEGEND

	WETLAND PER NATIONAL WETLANDS INVENTORY & COWARDIAN SYSTEM CLASSIFICATION
	EXISTING SNOWMOBILE TRAIL
	EXISTING FOREST ROAD
	EXISTING MOUNTAIN BIKING TRAILS - BEGINNER
	EXISTING MOUNTAIN BIKING TRAILS - INTERMEDIATE
	EXISTING MOUNTAIN BIKING TRAILS - ADVANCED
	EXISTING MOUNTAIN BIKING TRAILS - EXPERT
	CUYUNA COUNTY STATE RECREATIONAL AREA BOUNDARY
	MN DEPARTMENT OF NATURAL RESOURCES FORESTRY OWNED LAND
	CROW WING COUNTY LAND



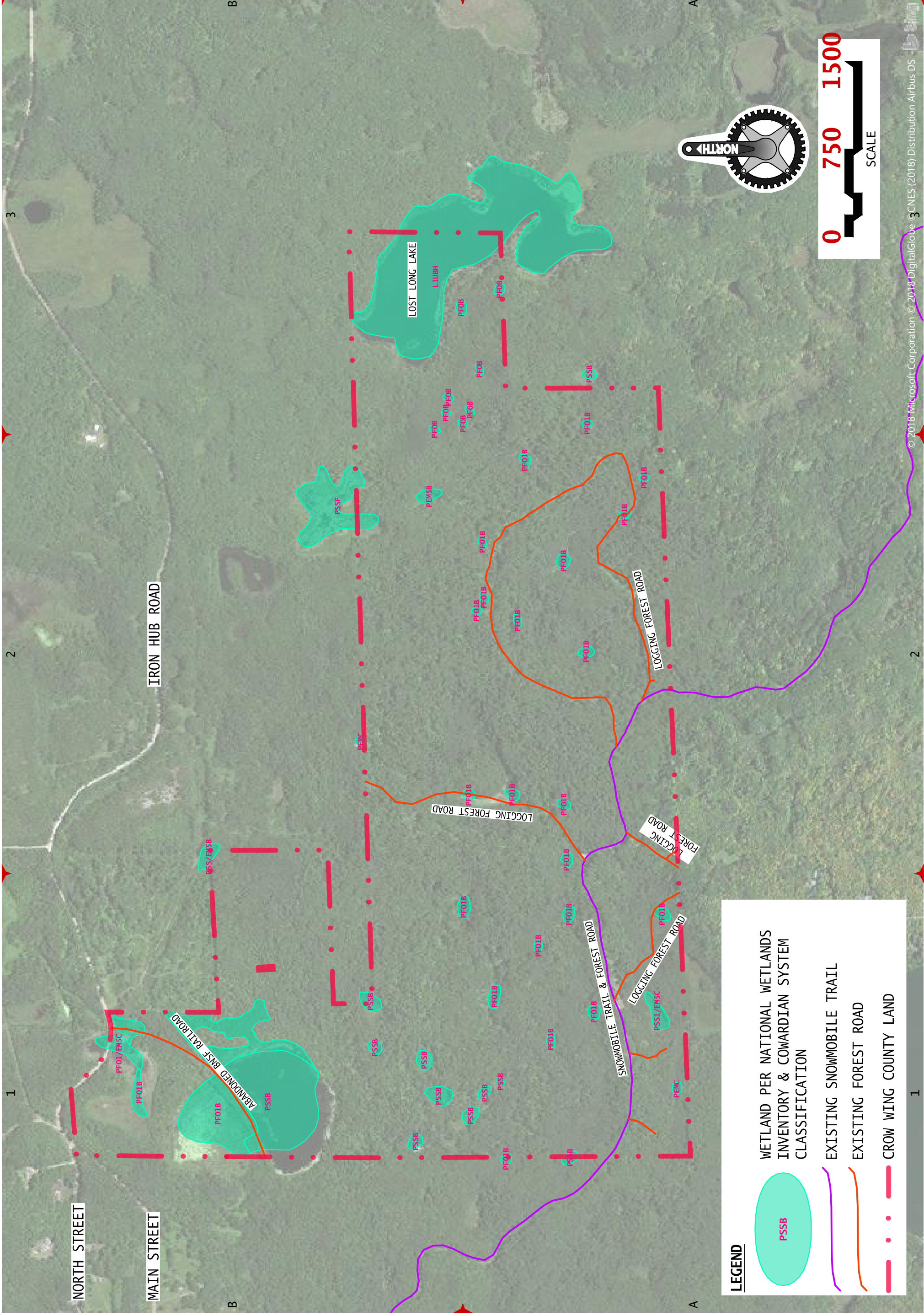
EXISTING SITE CONDITIONS - CUYUNA CONNECTION
EXISTING SITE CONDITIONS - CUYUNA CONNECTION



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LEGEND

	WETLAND PER NATIONAL WETLANDS INVENTORY & COMADIAN SYSTEM CLASSIFICATION
	EXISTING SNOWMOBILE TRAIL
	EXISTING FOREST ROAD
	CROW WING COUNTY LAND

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NORTH STREET

MAIN STREET

IRON HUB ROAD

ABANDONED BNSF RAILROAD

LOST LONG LAKE

LOGGING FOREST ROAD

LOGGING FOREST ROAD

LOGGING FOREST ROAD

LOGGING FOREST ROAD

SNOWMOBILE TRAIL & FOREST ROAD

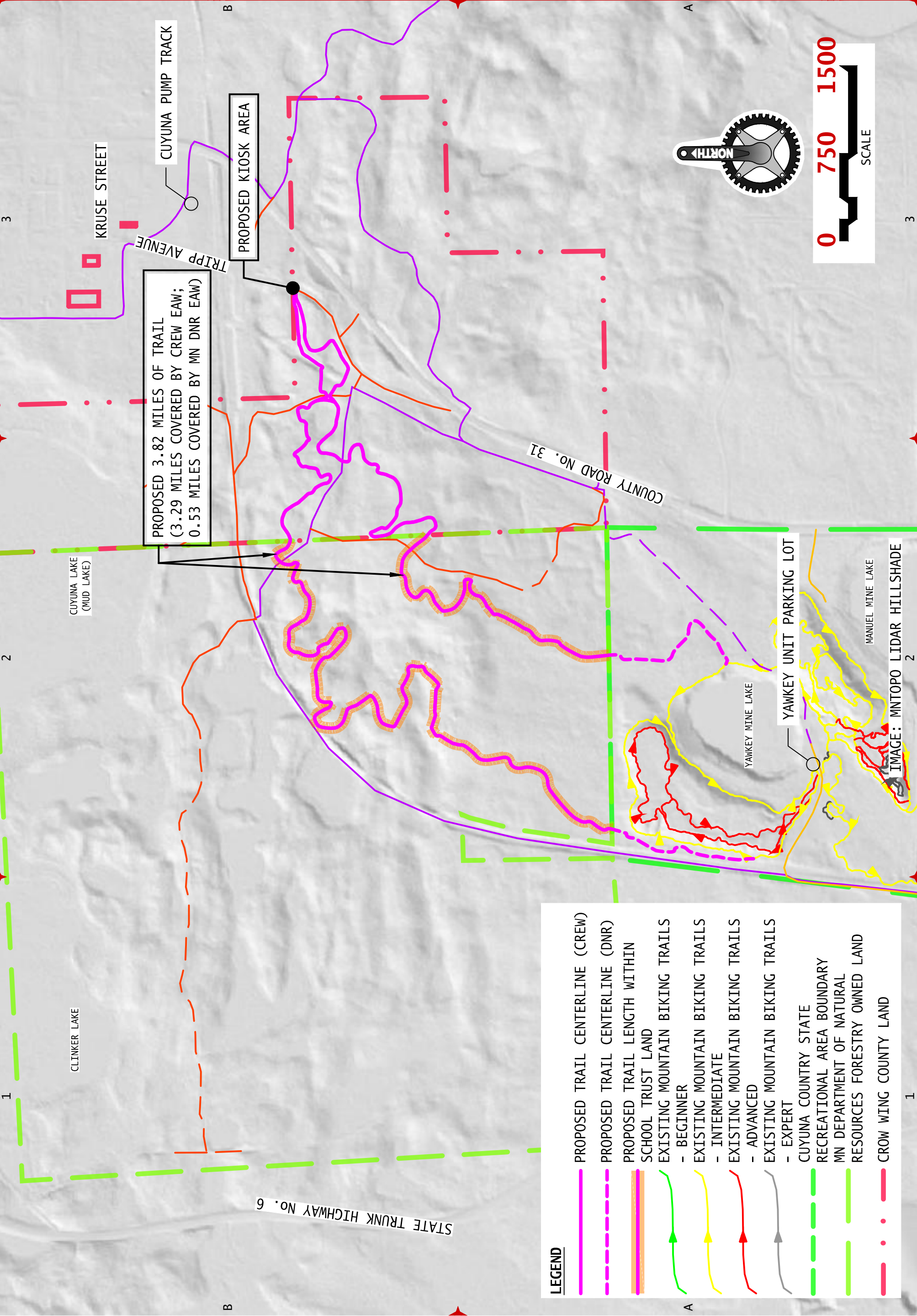
LOGGING FOREST ROAD

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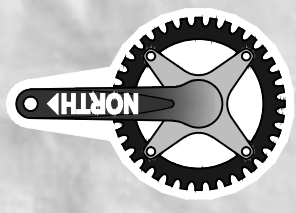
A



PROPOSED 3.82 MILES OF TRAIL
 (3.29 MILES COVERED BY CREW EAW;
 0.53 MILES COVERED BY MN DNR EAW)

LEGEND

	PROPOSED TRAIL CENTERLINE (CREW)
	PROPOSED TRAIL CENTERLINE (DNR)
	PROPOSED TRAIL LENGTH WITHIN SCHOOL TRUST LAND
	EXISTING MOUNTAIN BIKING TRAILS - BEGINNER
	EXISTING MOUNTAIN BIKING TRAILS - INTERMEDIATE
	EXISTING MOUNTAIN BIKING TRAILS - ADVANCED
	EXISTING MOUNTAIN BIKING TRAILS - EXPERT
	CUYUNA COUNTY STATE RECREATIONAL AREA BOUNDARY
	MN DEPARTMENT OF NATURAL RESOURCES FORESTRY OWNED LAND
	CROW WING COUNTY LAND



3

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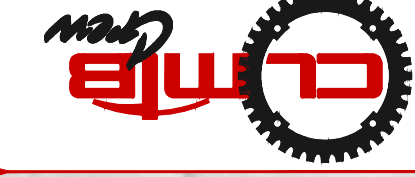
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IMAGE: MNTOPOLIDAR HILLSHADE



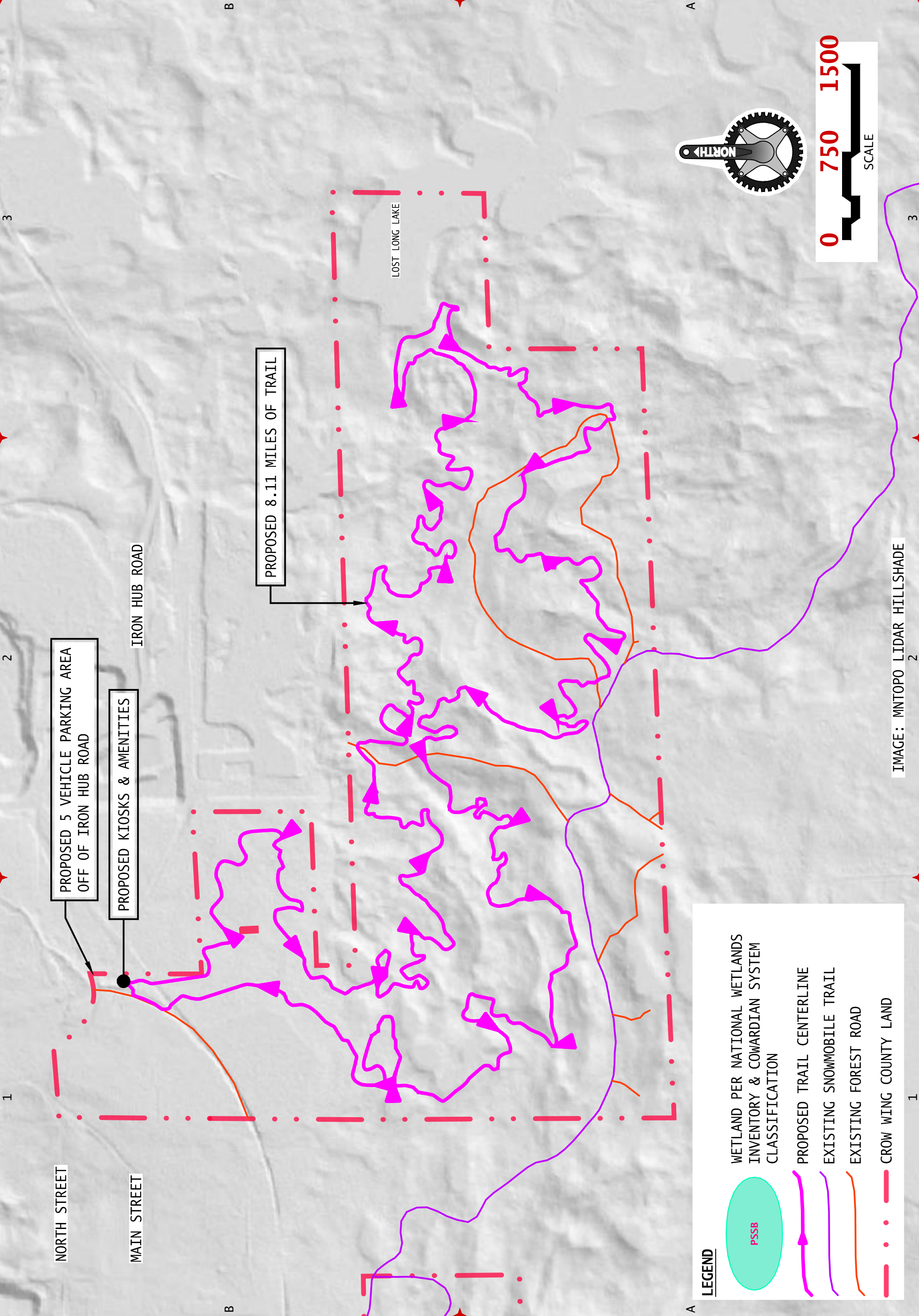
CUYUNA CONNECTION & CUYUNA HILLS PROJECT

PROPOSED SITE CONDITIONS - CUYUNA HILLS

EAW FIGURES

04B

OF 06



PROPOSED 5 VEHICLE PARKING AREA
OFF OF IRON HUB ROAD

PROPOSED KIOSKS & AMENITIES

PROPOSED 8.11 MILES OF TRAIL

LOST LONG LAKE

NORTH STREET

MAIN STREET

IRON HUB ROAD

LEGEND






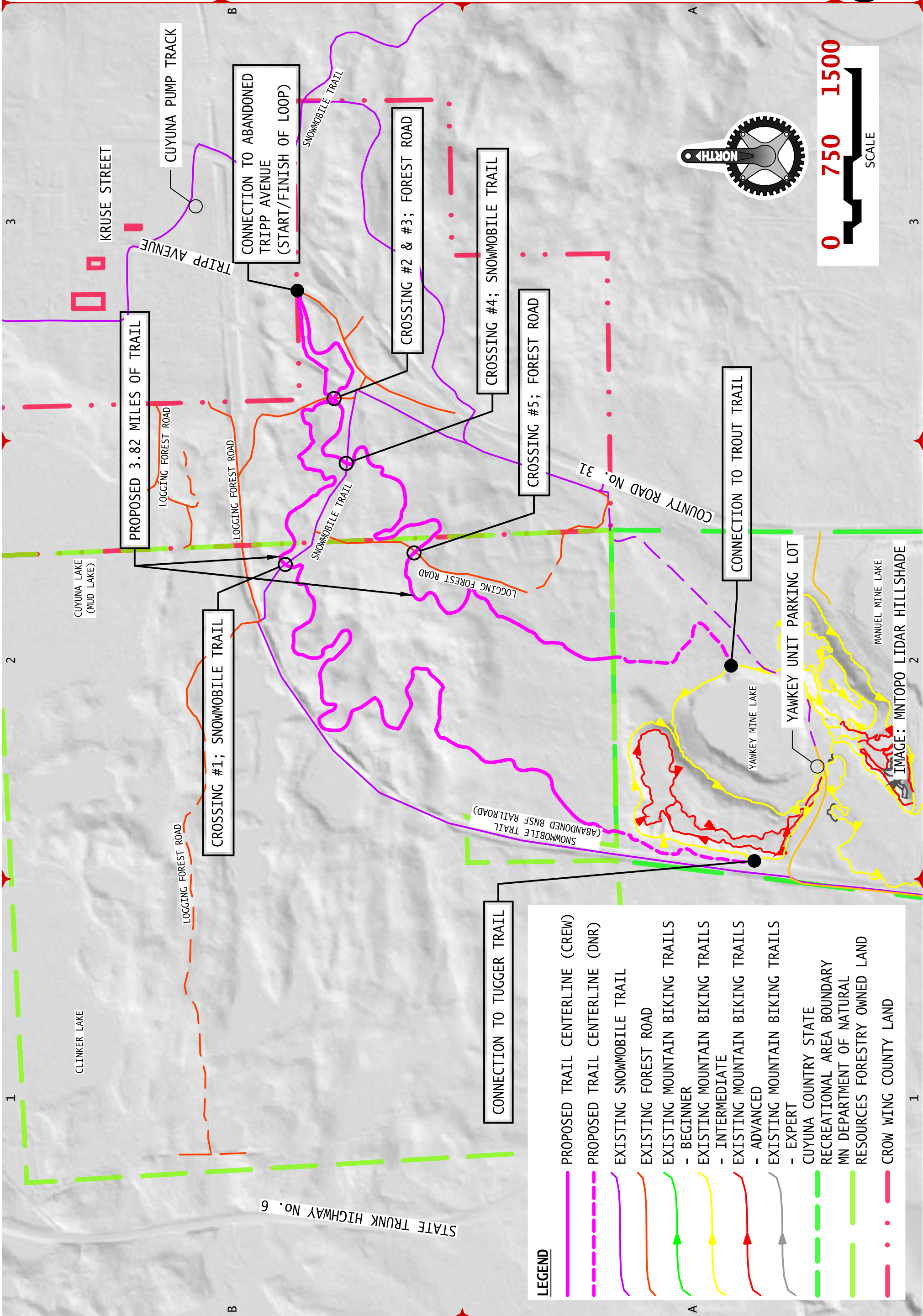
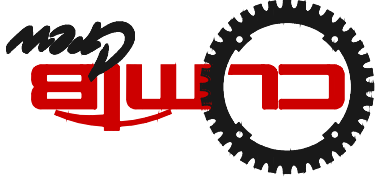
-  WETLAND PER NATIONAL WETLANDS INVENTORY & COWARDIAN SYSTEM CLASSIFICATION
-  PROPOSED TRAIL CENTERLINE
-  EXISTING SNOWMOBILE TRAIL
-  EXISTING FOREST ROAD
-  CROW WING COUNTY LAND

IMAGE: MNTOTO LIDAR HILLSHADE



PROPOSED 3.82 MILES OF TRAIL

CROSSING #1; SNOWMOBILE TRAIL

CONNECTION TO ABANDONED TRIPP AVENUE (START/FINISH OF LOOP)

CROSSING #2 & #3; FOREST ROAD

CROSSING #4; SNOWMOBILE TRAIL

CROSSING #5; FOREST ROAD

CONNECTION TO TROUT TRAIL

CONNECTION TO TUGGER TRAIL

LEGEND

- PROPOSED TRAIL CENTERLINE (CREW)
- PROPOSED TRAIL CENTERLINE (DNR)
- EXISTING SNOWMOBILE TRAIL
- EXISTING FOREST ROAD
- EXISTING MOUNTAIN BIKING TRAILS - BEGINNER
- EXISTING MOUNTAIN BIKING TRAILS - INTERMEDIATE
- EXISTING MOUNTAIN BIKING TRAILS - ADVANCED
- EXISTING MOUNTAIN BIKING TRAILS - EXPERT
- CUYUNA COUNTY STATE RECREATIONAL AREA BOUNDARY
- MN DEPARTMENT OF NATURAL RESOURCES FORESTRY OWNED LAND
- CROW WING COUNTY LAND



CUYUNA LAKE (MUD LAKE)

CLINKER LAKE

KRUSE STREET

CUYUNA PUMP TRACK

LOGGING FOREST ROAD

LOGGING FOREST ROAD

LOGGING FOREST ROAD

TRIPP AVENUE

SNOWMOBILE TRAIL

SNOWMOBILE TRAIL

LOGGING FOREST ROAD

SNOWMOBILE TRAIL (ABANDONED BNSF RAILROAD)

COUNTY ROAD No. 31

YAWKEY MINE LAKE

YAWKEY UNIT PARKING LOT

MANUEL MINE LAKE

IMAGE: MNTOPOLIDAR HILLSHADE

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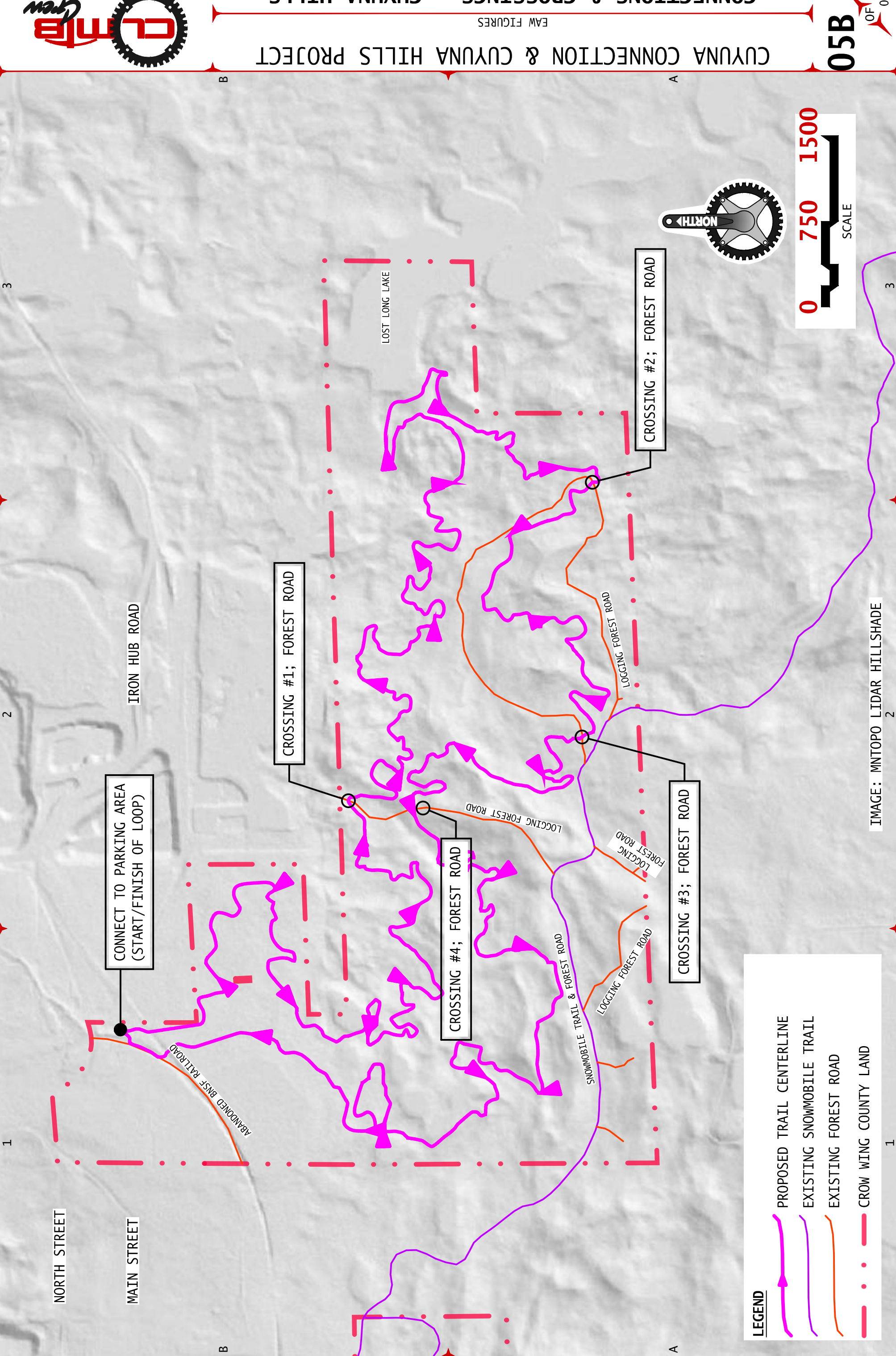
CUYUNA CONNECTION & CROSSINGS - CUYUNA HILLS PROJECT

EAM FIGURES



05B

OF 08



LEGEND





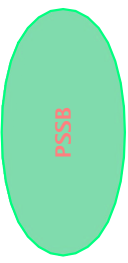










-  PROPOSED TRAIL CENTERLINE
-  EXISTING SNOWMOBILE TRAIL
-  EXISTING FOREST ROAD
-  CROW WING COUNTY LAND

IMAGE: MNTOTO LIDAR HILLSHADE

LEGEND

-  WETLAND PER NATIONAL WETLANDS INVENTORY & COWARDIAN SYSTEM CLASSIFICATION
-  PROPOSED TRAIL
-  EXISTING SNOWMOBILE TRAIL
-  EXISTING FOREST ROAD
-  EXISTING MOUNTAIN BIKING TRAILS - BEGINNER
-  EXISTING MOUNTAIN BIKING TRAILS - INTERMEDIATE
-  EXISTING MOUNTAIN BIKING TRAILS - ADVANCED
-  EXISTING MOUNTAIN BIKING TRAILS - EXPERT
-  CUYUNA COUNTRY STATE RECREATIONAL AREA BOUNDARY
-  MN DEPARTMENT OF NATURAL RESOURCES FORESTRY OWNED LAND
-  CROW WING COUNTY LAND

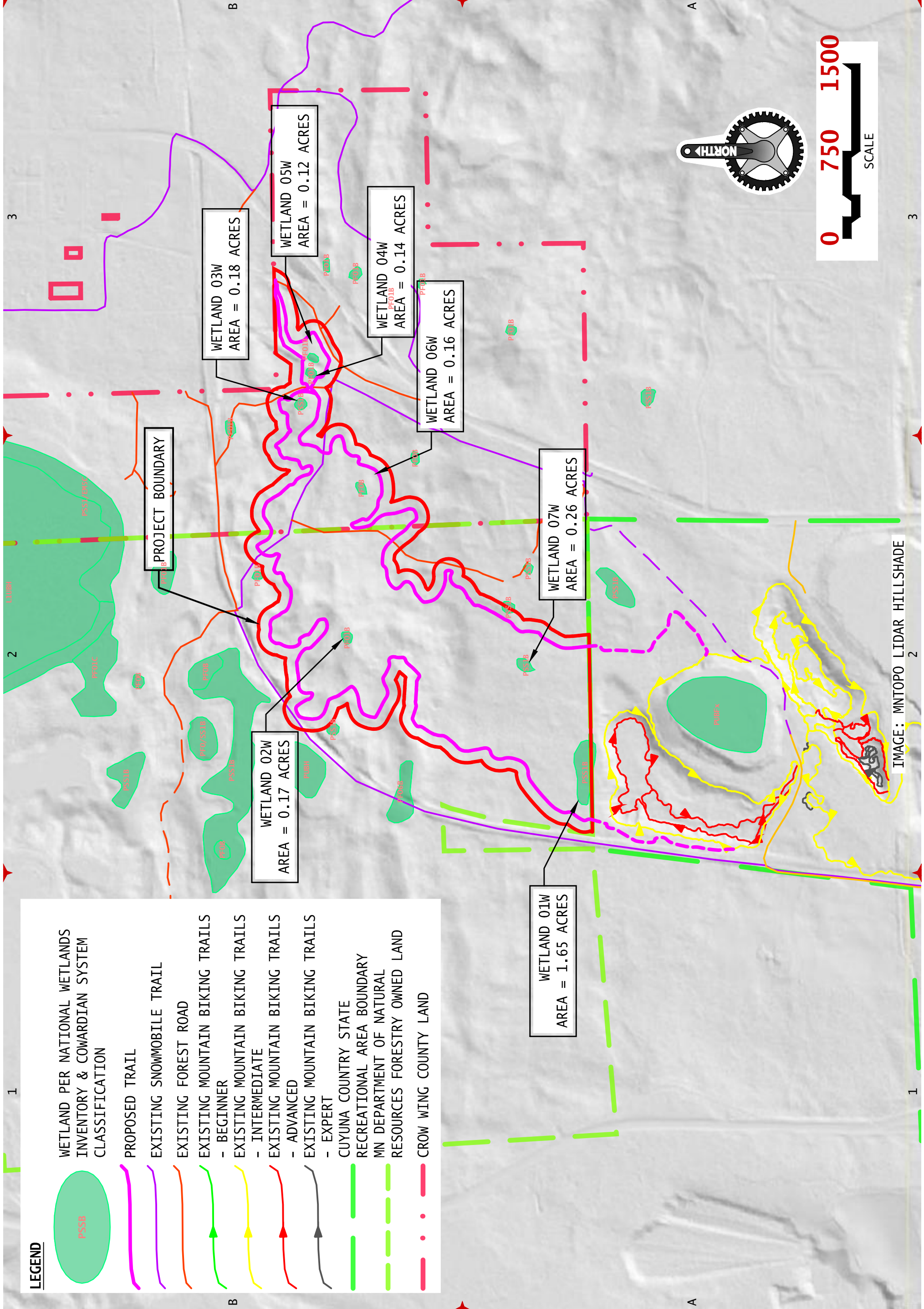
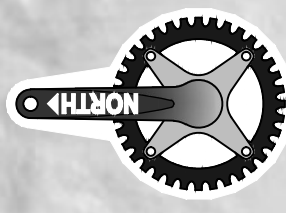


IMAGE: MNTOPOLIDAR HILLSHADE

CUYUNA CONNECTION & CUYUNA HILLS PROJECT
SITE WETLANDS MAP - CUYUNA CONNECTION

EAW FIGURES

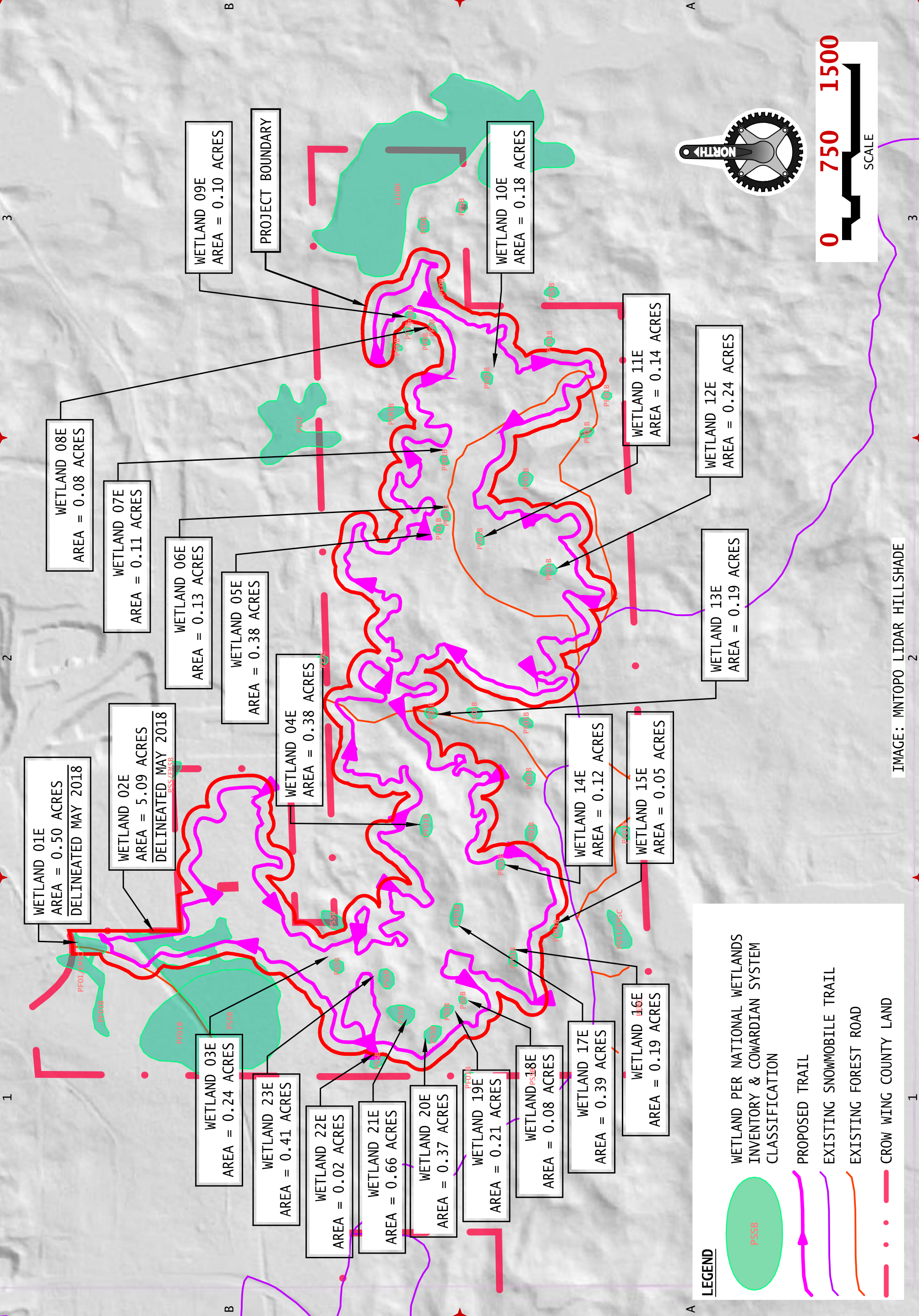


06A
OF 08

CUYUNA CONNECTION & CUYUNA HILLS PROJECT

SITE WETLANDS MAP - CUYUNA HILLS

EAW FIGURES



LEGEND

- WETLAND PER NATIONAL WETLANDS INVENTORY & COWARDIAN SYSTEM CLASSIFICATION
- PROPOSED TRAIL
- EXISTING SNOWMOBILE TRAIL
- EXISTING FOREST ROAD
- CROW WING COUNTY LAND

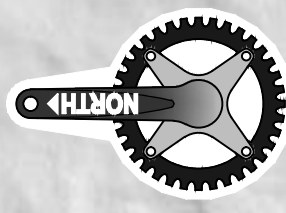


IMAGE: MNTOPOLIDAR HILLSHADE

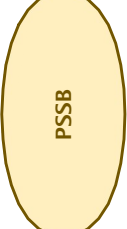

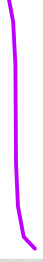



06B

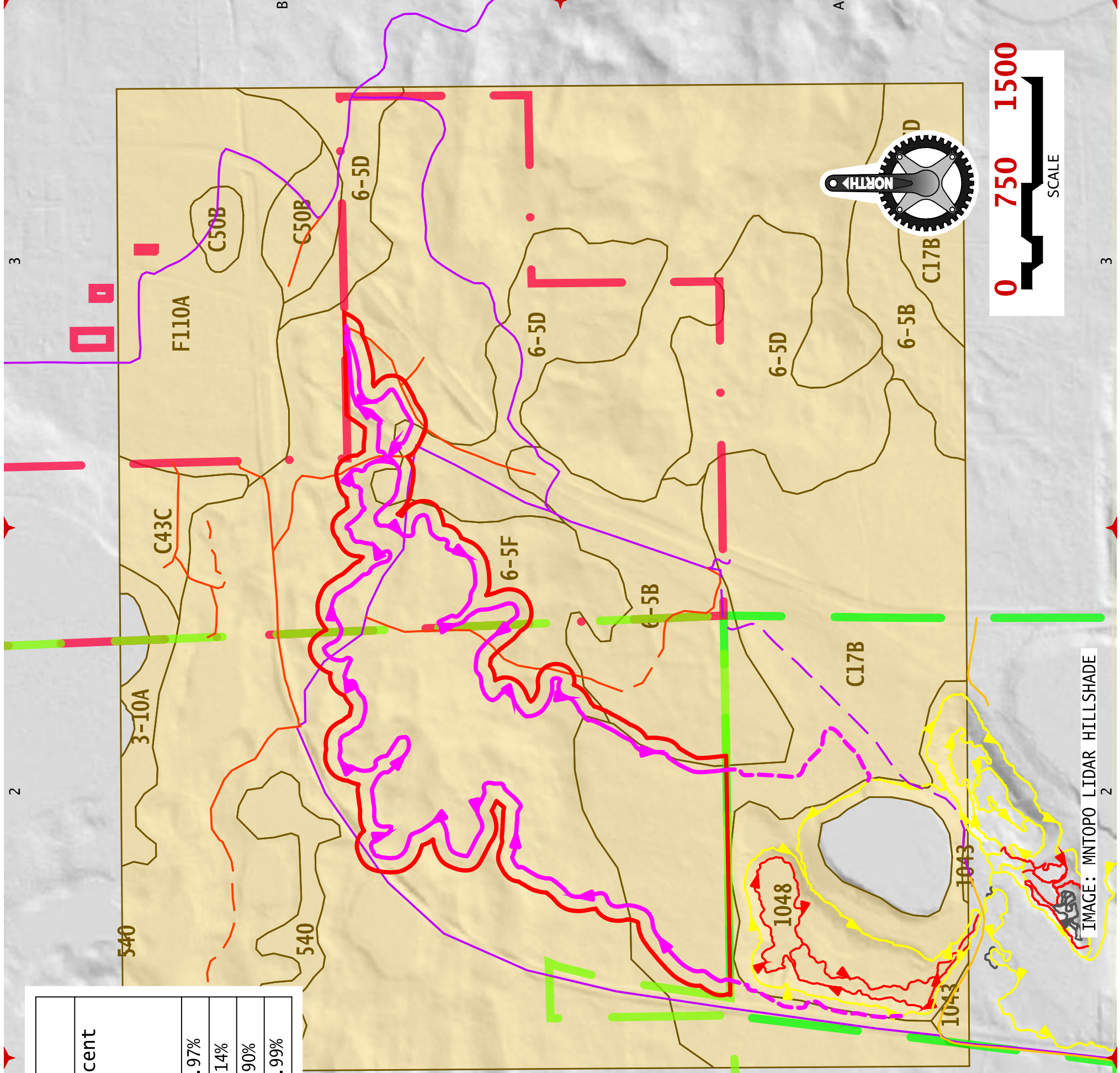
OF 08

SOIL TYPE PERCENTAGES

Soil Type	Area within Project Boundary (acres)	Total Area of Project Boundary (acres)	Percent
C17B	31.81	132.68	23.97%
6-5B	1.51	132.68	1.14%
6-5D	2.52	132.68	1.90%
6-5F	96.84	132.68	72.99%

LEGEND

-  PSSB
-  SOILS PER UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE (NRCS)
-  PROPOSED TRAIL
-  EXISTING SNOWMOBILE TRAIL
-  EXISTING FOREST ROAD
-  CROW WING COUNTY LAND



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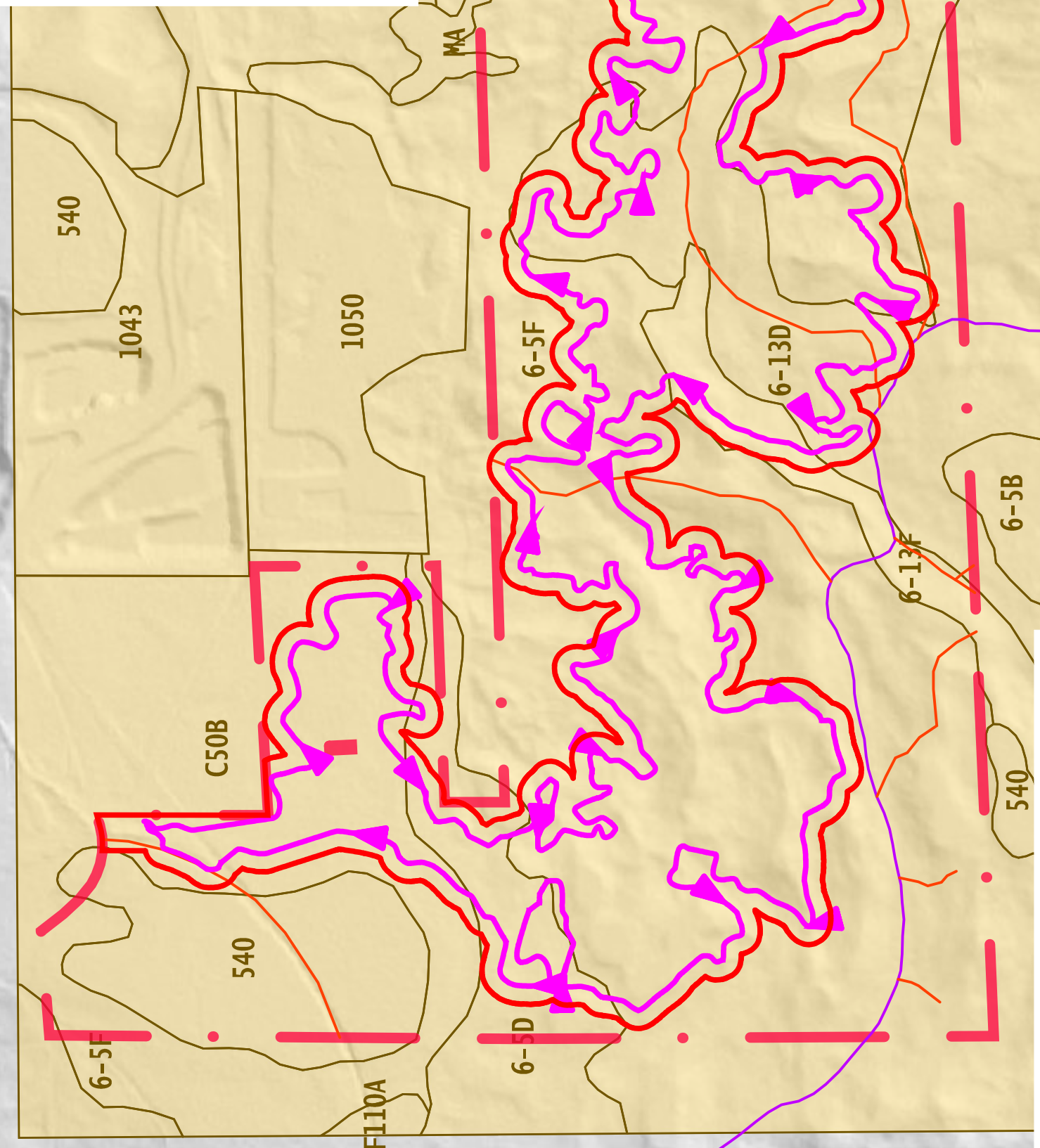
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SOIL TYPE PERCENTAGES

Soil Type	Area within Project Boundary (acres)	Total Area of Project Boundary (acres)	Percent
540	0.02	276.30	0.01%
C50B	34.06	276.30	12.33%
6-5D	13.91	276.30	5.03%
6-5F	177.60	276.30	64.28%
6-13D	41.92	276.30	15.17%
6-13F	7.74	276.30	2.80%



LEGEND

- PSSB
- SOILS PER UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE (NRCS)
- PROPOSED TRAIL
- EXISTING SNOWMOBILE TRAIL
- EXISTING FOREST ROAD
- CROW WING COUNTY LAND

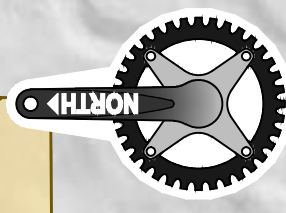


IMAGE: MNTOPOLIDAR HILLSHADE

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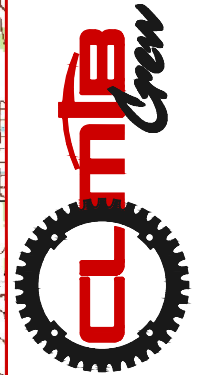
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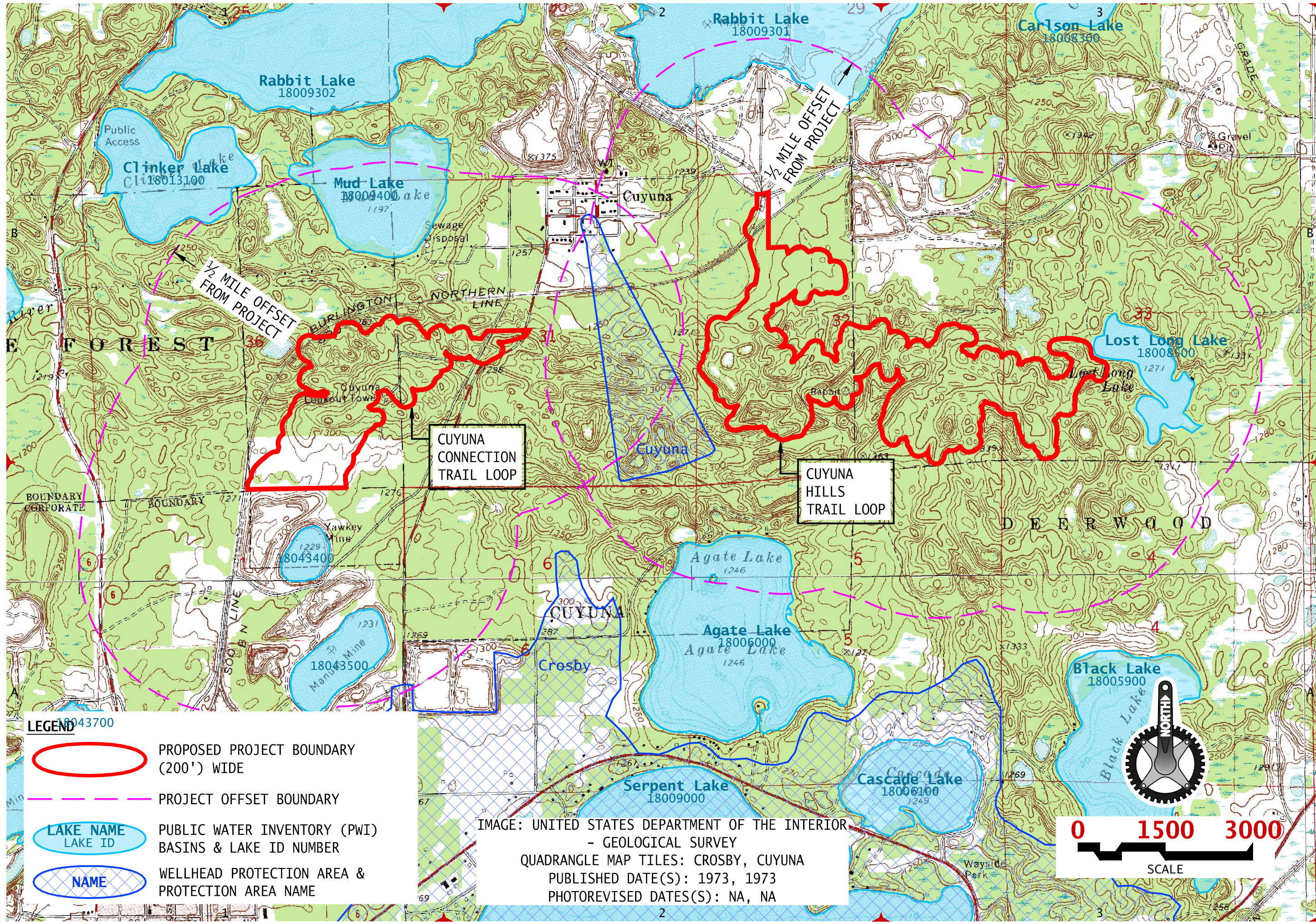




CUYUNA CONNECTION & CUYUNA HILLS PROJECT

WATER RESOURCES MAP

EAW FIGURES



LEGEND

- PROPOSED PROJECT BOUNDARY (200') WIDE
- PROJECT OFFSET BOUNDARY
- LAKE NAME
LAKE ID
PUBLIC WATER INVENTORY (PWI) BASINS & LAKE ID NUMBER
- NAME
WELLHEAD PROTECTION AREA & PROTECTION AREA NAME

IMAGE: UNITED STATES DEPARTMENT OF THE INTERIOR
 - GEOLOGICAL SURVEY
 QUADRANGLE MAP TILES: CROSBY, CUYUNA
 PUBLISHED DATE(S): 1973, 1973
 PHOTOREVISED DATE(S): NA, NA

