COLEMAN ENGINEERING COMPANY
200 East Ayer Street
Ironwood, Michigan 49938
Telephone: (906) 932-5048 Fax: (906) 932-3213

LETTER OF TRANSMITTAL

DATE	JOB NO.
September 20, 2012	

TO: Melanie Haveman	RE Road 595
U.S. EPA (ww-16j)	
77 W. Jackson Blvd	
Chicago, IL 60604	

WE ARE SENDING: ☒ Attached Under separate cover via _____ the following items:

COPIES	DATE	NO.	DESCRIPTION
1			Dishno Headwaters Tract and narrative
1			Timber Harvest Map Exhibit 'A'

THE ABOVE TRANSMITTED as checked below:

For approval As requested _____

For your use For review and comment _____

Melanie,

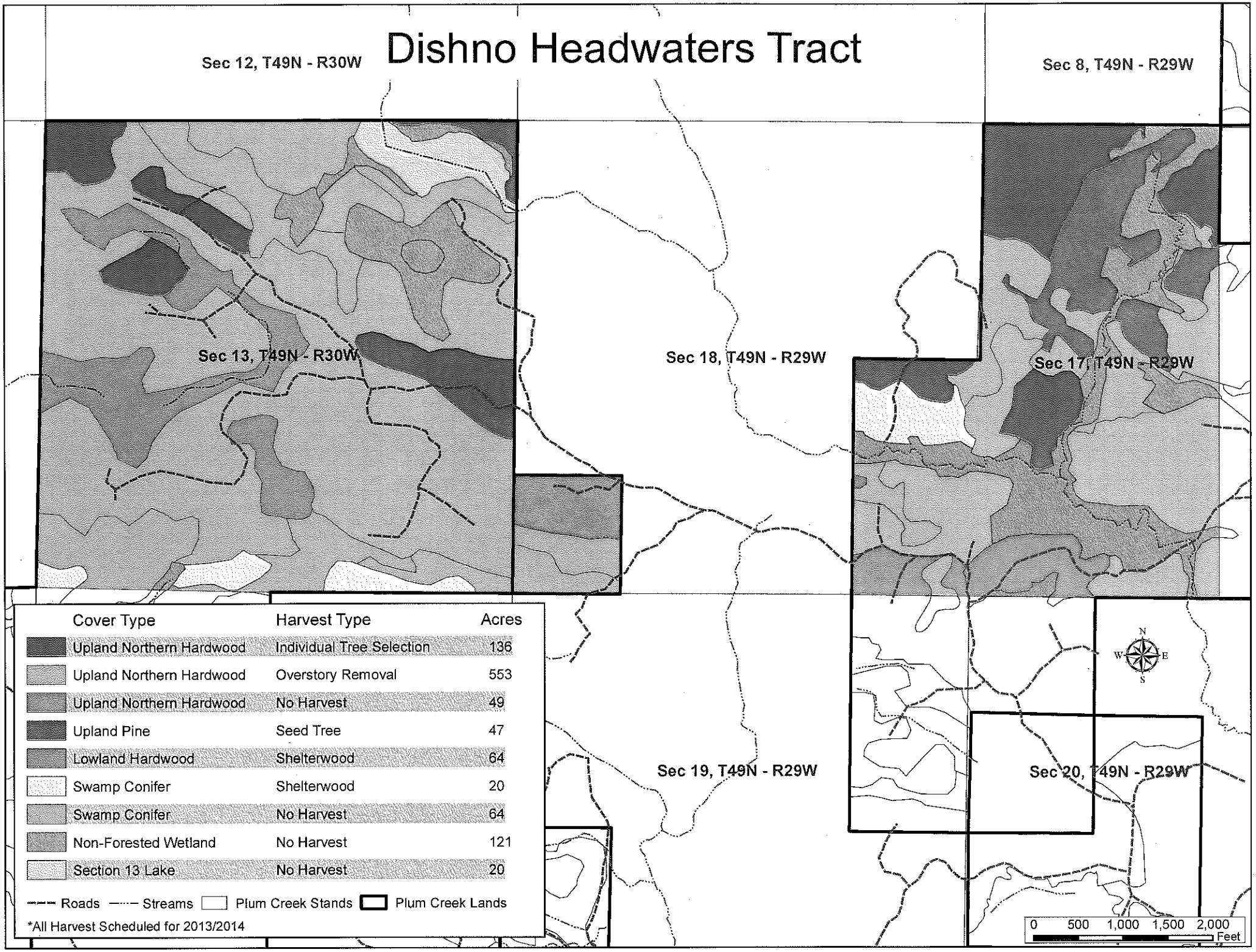
Enclosed please find information that was provided to DEQ in our meetings earlier this week, regarding the timber companies' previous interest in harvesting timber from these parcels. These documents will be rendered moot if/when the conservation easements are placed. Please contact me if you have any questions.

COLEMAN ENGINEERING COMPANY
KING AND MCGREGOR

COPY TO:_____ SIGNED: Jeff

Jeff King

Dishno Headwaters Tract



Cover Type	Harvest Type	Acres
Upland Northern Hardwood	Individual Tree Selection	136
Upland Northern Hardwood	Overstory Removal	553
Upland Northern Hardwood	No Harvest	49
Upland Pine	Seed Tree	47
Lowland Hardwood	Shelterwood	64
Swamp Conifer	Shelterwood	20
Swamp Conifer	No Harvest	64
Non-Forested Wetland	No Harvest	121
Section 13 Lake	No Harvest	20

Roads — Streams — Plum Creek Stands — Plum Creek Lands

*All Harvest Scheduled for 2013/2014

Dishno Headwaters Tract
Plum Creek Timber – 1074 acres
Forest Types, Harvest History, Harvest Plans

Upland Soil: 785 acres

Upland Northern Hardwoods: 738 acres

- Species Composition: Predominantly hard maple, with lesser amounts of soft maple, yellow birch and red oak. There is a very minor component of hemlock, balsam fir, spruce and cedar.

    - ***553 acres*** of the northern hardwood type is slated for an over story removal harvest in 2013/2014. Most of these acres were last harvested in 2001 at which time they were thinned to promote regeneration and put growth on residual stems. These stands are now stocked with advanced reproduction and mature timber. The overstory removal harvest will remove mature trees and release regeneration.

    - ***136 acres*** of the northern hardwood type is slated for an individual tree selection harvest in 2013/2014. The last harvest in these stands is between 20 to 25 years ago. The individual tree selection harvest will remove poor quality and mature trees and retain a residual basal area between 50 to 70 square feet per acre of quality, future crop trees.

    - ***49 acres*** of the northern hardwood type has no near term harvest plans. These stands were thinned in 2009 and are not ready for re-entry.

Upland Pine: 47 acres

- Species Composition: Predominantly white pine with lesser amounts of red pine, hemlock, spruce, balsam and mixed hardwood species. This stand is scheduled for a seed tree harvest in 2013/2014. The objective of the harvest is to promote regeneration of pine and other conifer species by way of retention of some mature pine for seed source.

Lowland Soil: 289 acres

Swamp Conifer: 84 acres

- Species Composition: These stands are stocked with cedar, balsam fir, spruce and hemlock with lesser amounts of soft maple, and black ash.
    - ***20 acres*** of swamp conifer is slated for a shelterwood harvest in 2013/2014. The objective of this harvest is to remove most of the mature timber and retain approximately 30 square feet per acre of residual conifer and hardwood for seed source and shade to promote regeneration.
    - ***64 acres*** of swamp conifer is not slated for harvest in the near term.

Lowland Soil: Continued

Lowland Hardwood: 64 acres

- Species Composition: These stands are stocked with black ash, soft maple and yellow birch and lesser amounts of balsam fir, cedar, and hemlock. These stands are scheduled for a shelterwood harvest in 2013/2104. The objective of this harvest is to remove most of the mature timber and retain approximately 30 square feet per acre of residual conifer and hardwood for seed source and shade to promote regeneration.

Non-forested wetland and ponds: 121 acres

- These stands include several small ponds and the non-forested riparian areas immediately adjacent to the tributaries of the Dishno Creek.

Section 13 Lake: 20 acres

TOTALS:

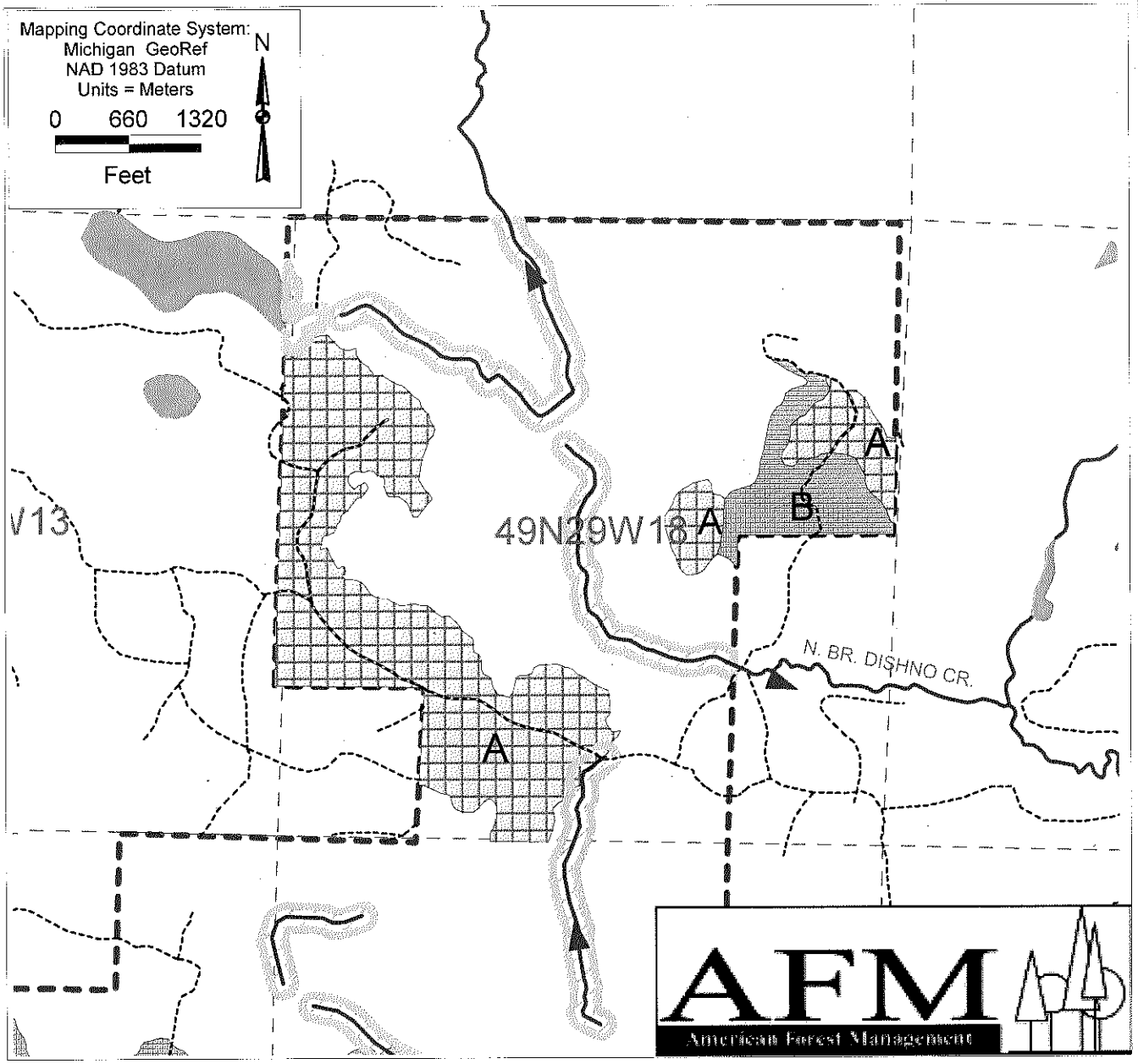
Upland hardwood:	738 acres
Upland Pine:	47 acres
Swamp Conifer:	84 acres
Lowland Hardwood:	64 acres
Non-Forested Wetlands:	121 acres
Section 13 Lake:	20 acres
Total:	**1074 acres**

All harvesting, road building and other management practices comply with the Sustainable Forestry Initiative environmental certification program. Some minor modifications to stand boundaries and harvest prescriptions may occur once Plum Creek foresters begin harvest preparation field work. All harvesting is planned for 2013 and 2014.

Prepared by:
Mark Sherman
Plum Creek Timber Company

Timber Harvest Map EXHIBIT 'A'

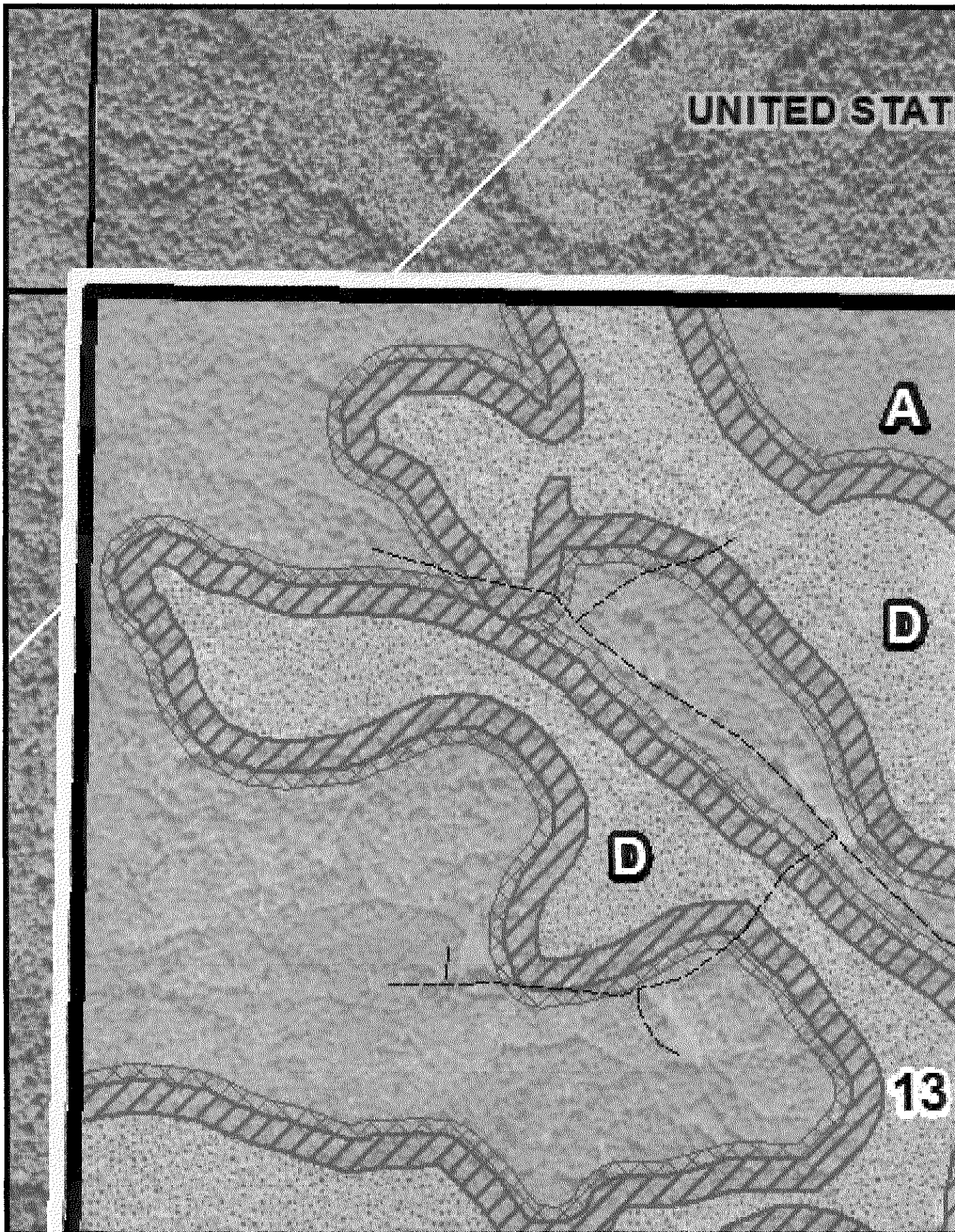
Harvest Plan Number: TBD

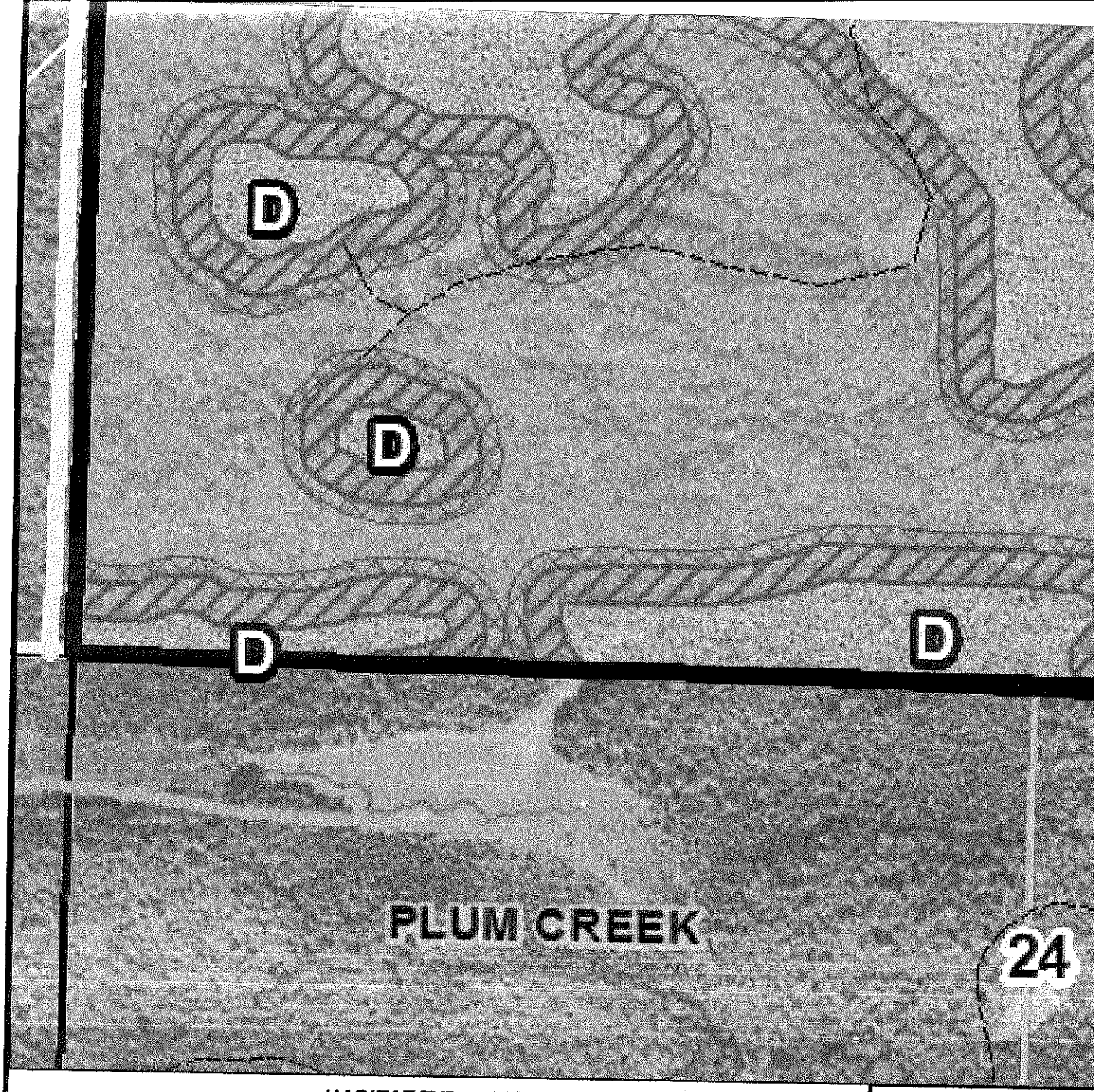


Ownership: MI Timber
County: Marquette
Forester: Brian Fettig
Town/Range/Section: 49/29/18
Harvest Plan #: TBD
Plan Name: Dishno Headwaters

Prescription Summary

Prescription Layout	Silviculture System	Block(s) / Acreage
Clear Cut Boundary	Selection	A / 122
RMZ Line	Shelterwood	B / 18
Stream Centerline	Clear Cut	/
Harvest Blk Boundary	Release	/
Distinct Line	Improvement	/
Property Boundary	Thinning	/


UNITED STAT
A
D
D
13



HABITAT TYPE LEGEND

Area	Description	Total Acres
A	Upland Forest	903
B	Poor Conifer Swamp	23
C	Rich Conifer Swamp	93
D	Mixed Wetland: Emergent/Shrub/Forested	469
E	Northern Wet Meadow	52
F	Bog	10
G	Lake / Open Water	23

PRESERV

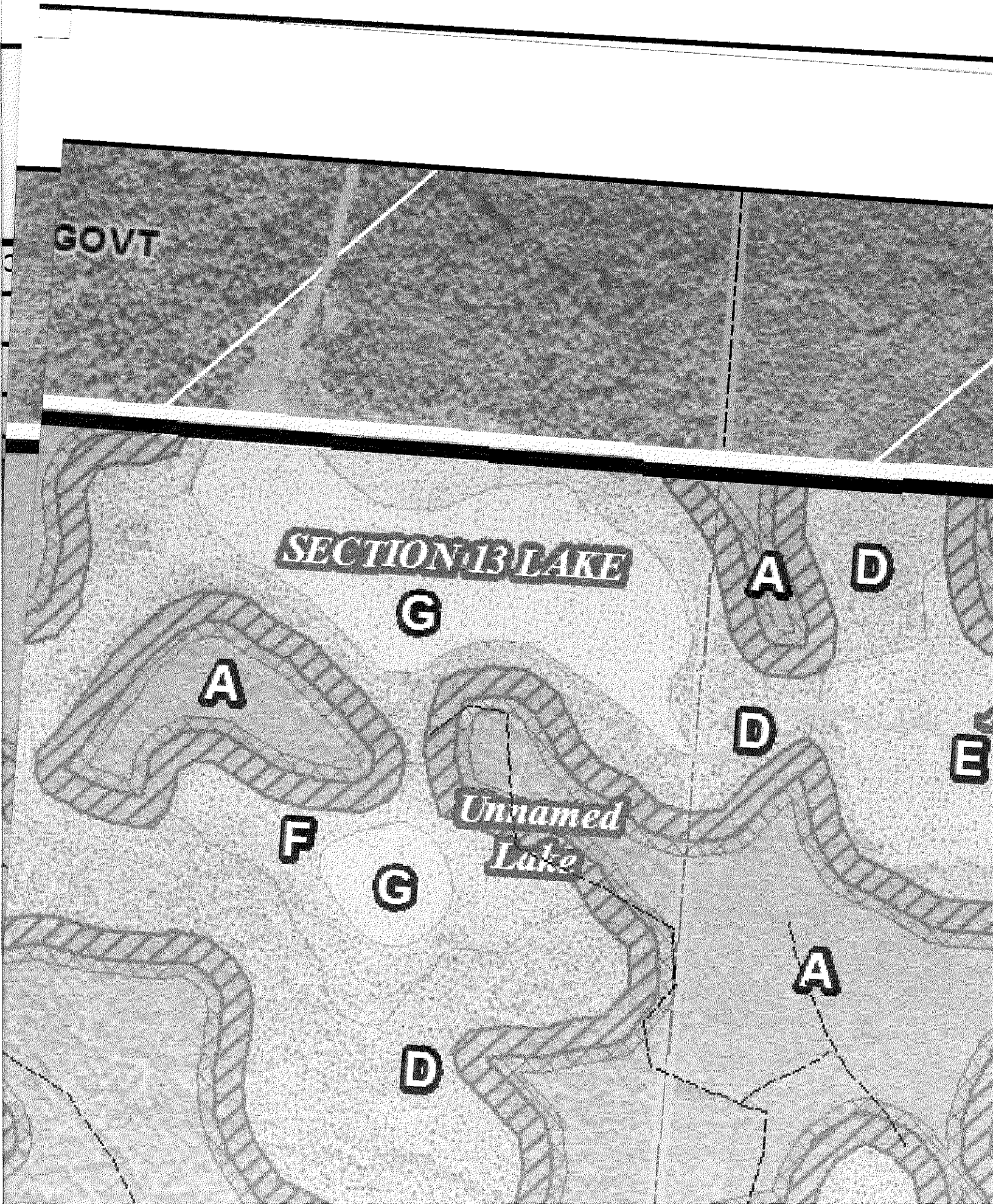
Total Acres

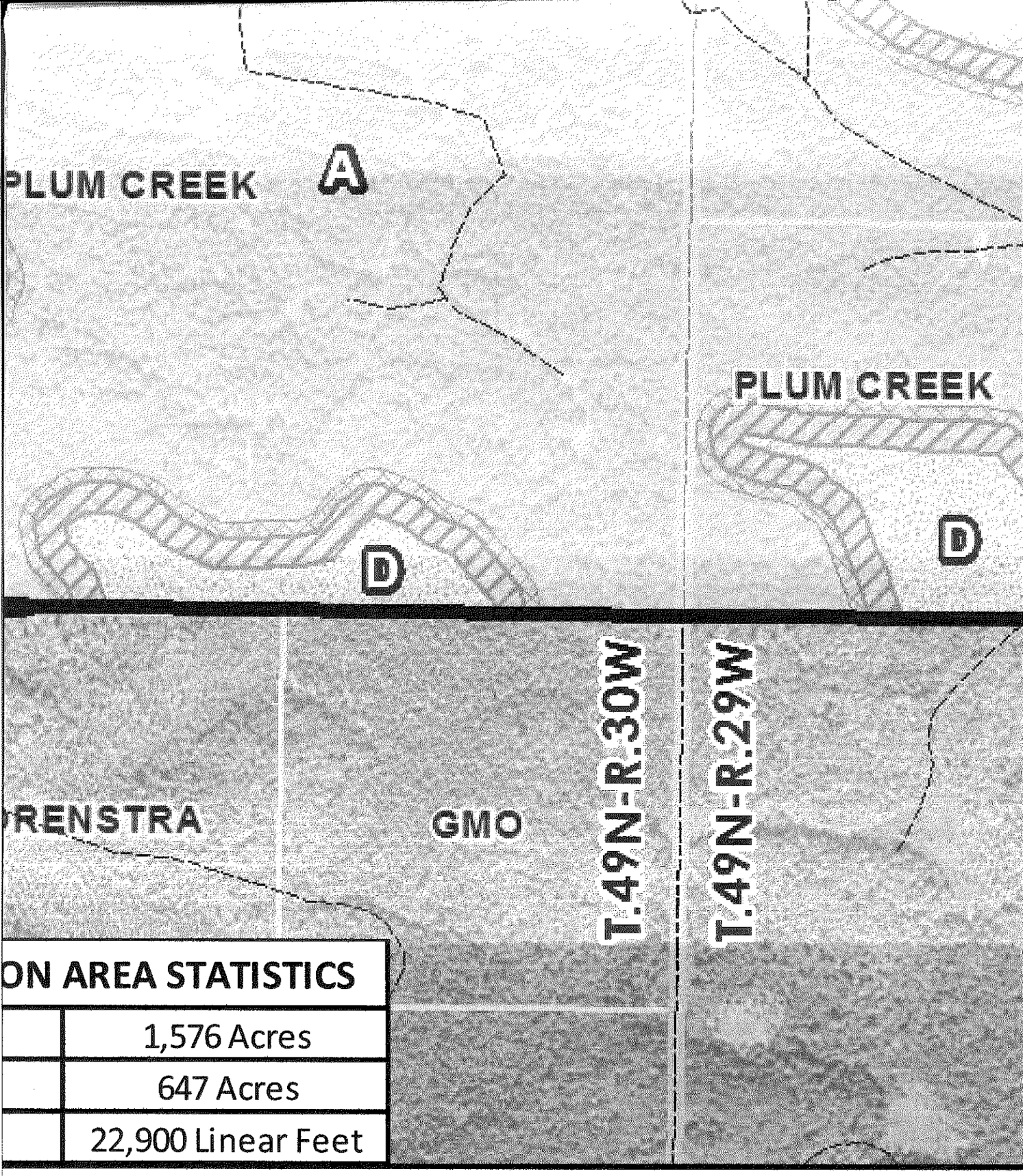
Wetland Acr

Stream Dista

King & MacGregor Environmental Inc.
2520 Woodmeadow Dr SE
Grand Rapids, MI 49546
(616) 957-1231

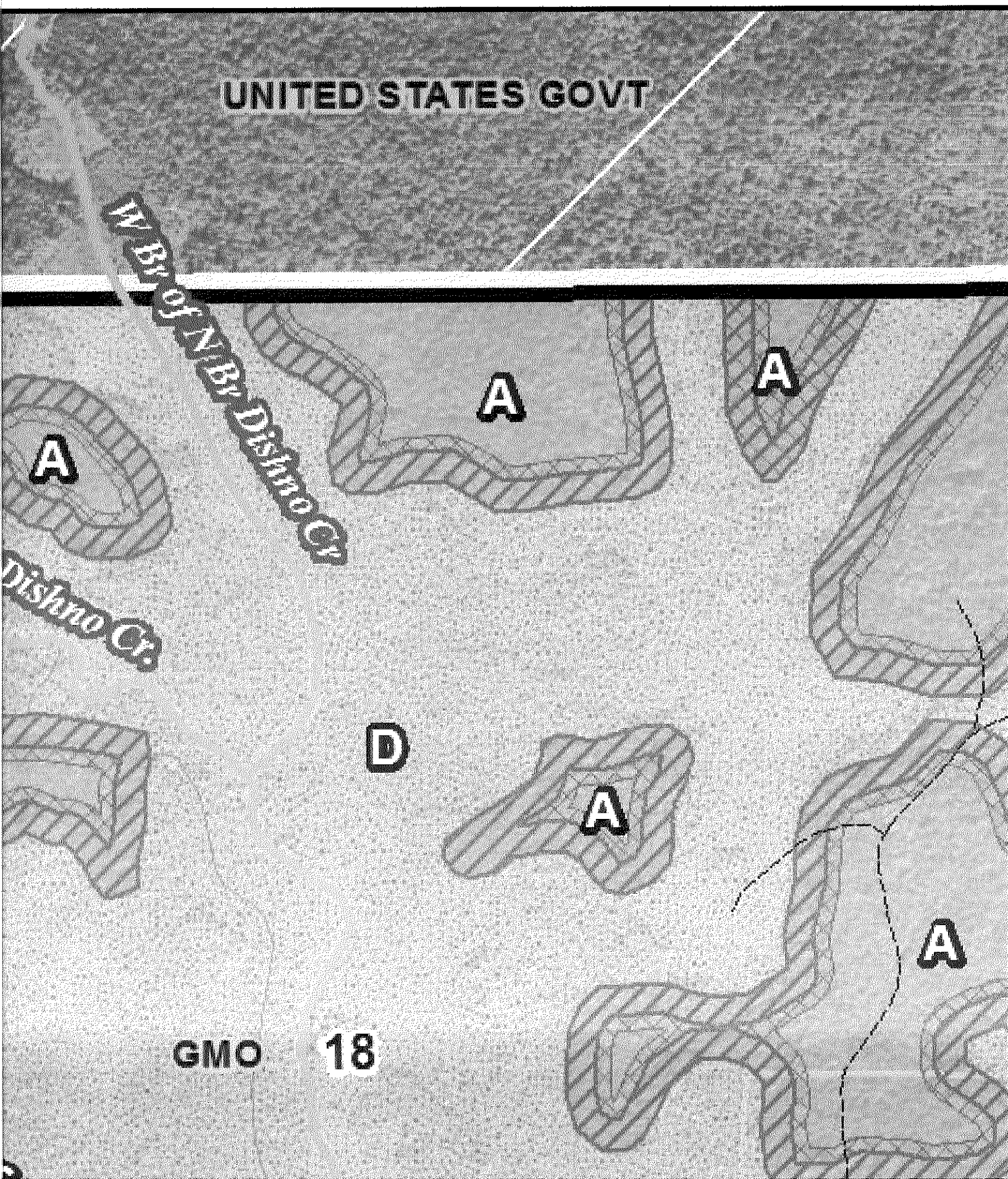
COLEMAN ENGINEERING COMPANY
635 CIRCLE DRIVE • IRON MOUNTAIN, MI 49801 • PHONE: 906-774-3440
201 EAST AVE STREET • IRONWOOD, MI 49938 • PHONE: 906-932-5048

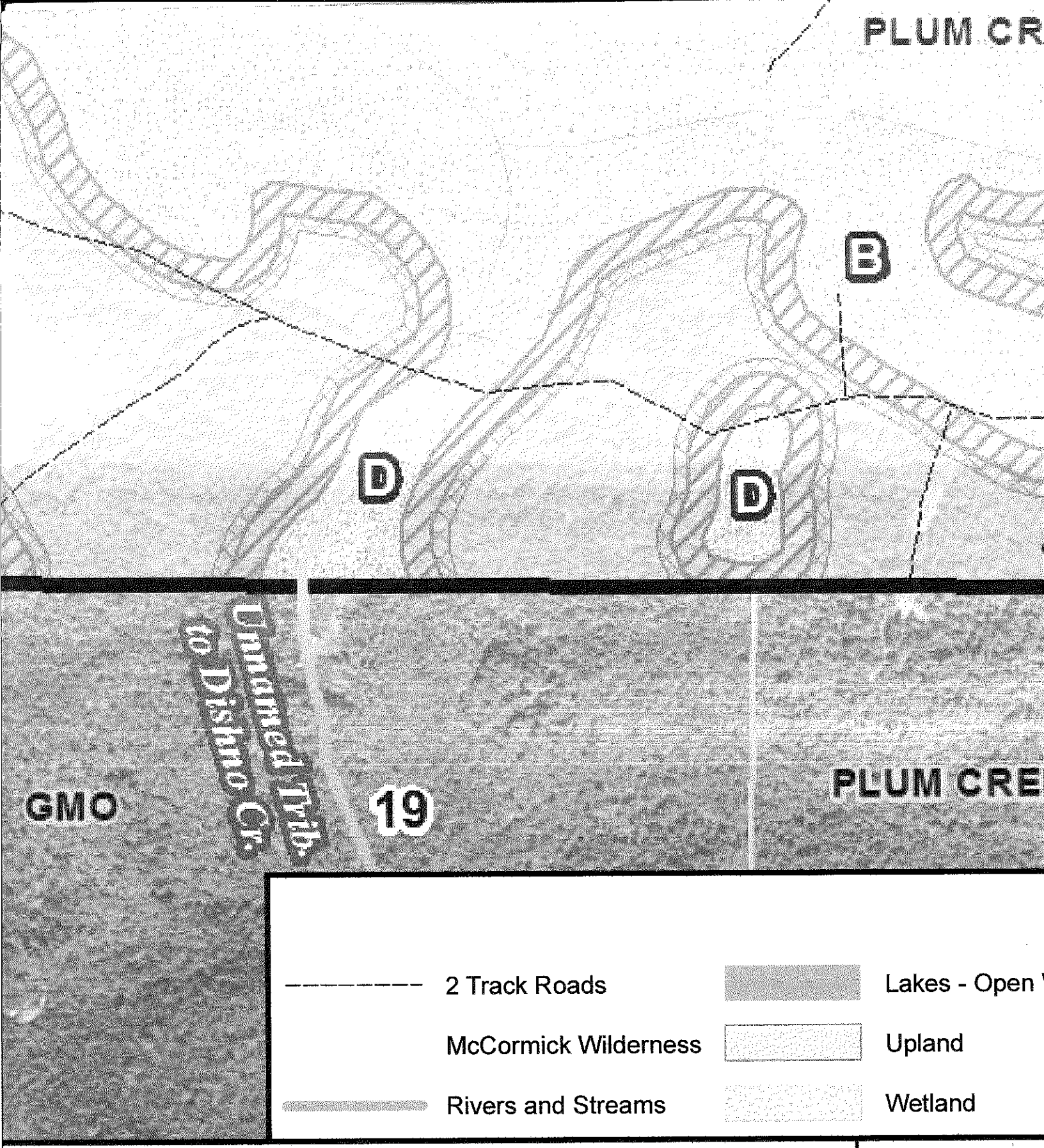

GOVT
SECTION 13 LAKE
G
A
D
A
D
E
Unnamed
Lake
F
G
A
D



ON AREA STATISTICS	
	1,576 Acres
	647 Acres
	22,900 Linear Feet

FIGURE M-2: HABITAT TYPE
PROPOSED DISHNO CREEK HEADWATERS

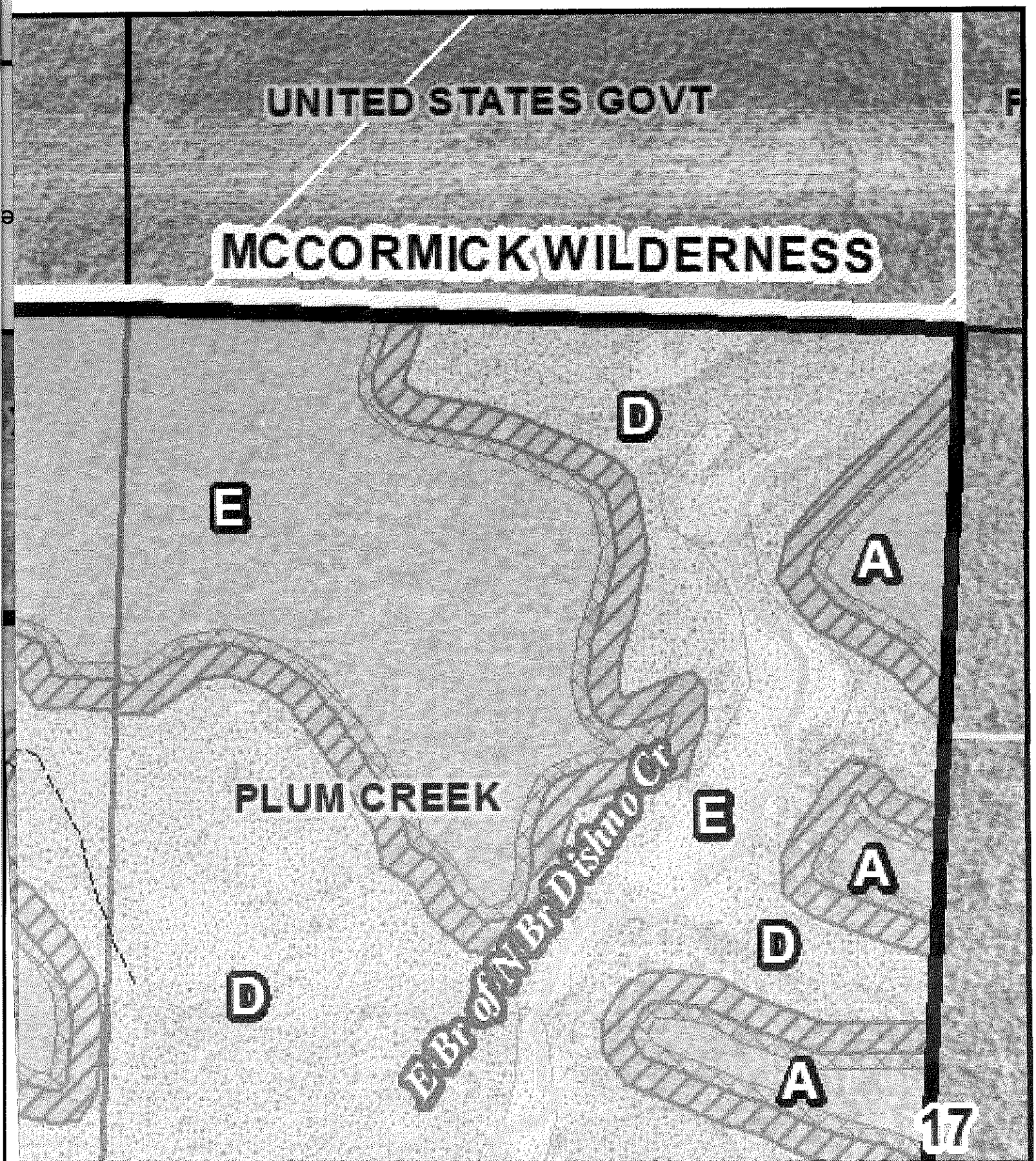

UNITED STATES GOVT
W Br of N Br Dishno Cr
Dishno Cr.
A
A
A
D
A
A
GMO
18

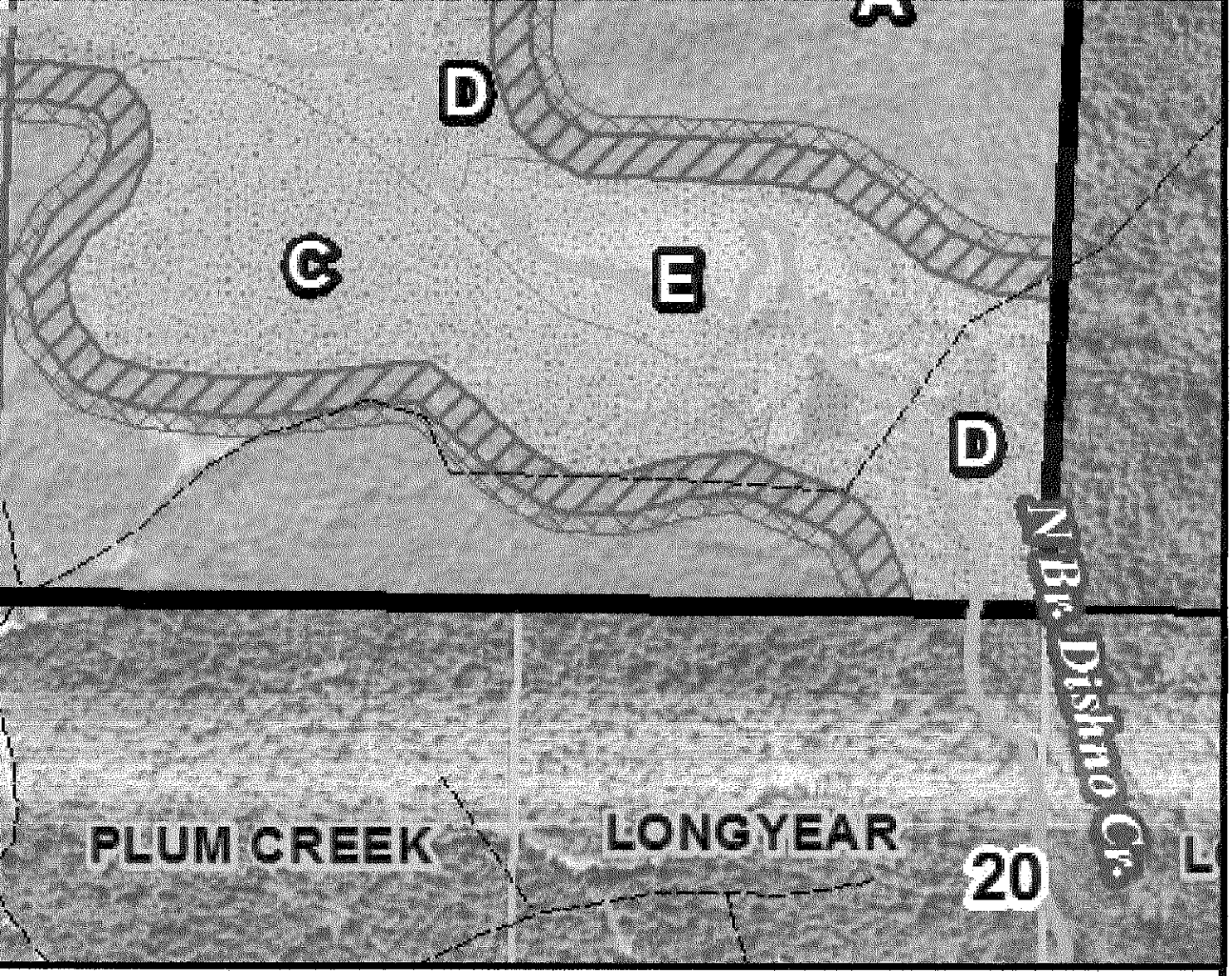


W/ AERIAL PHOTO
VETLAND PRESERVATION AREA

0

Map Si


UNITED STATES GOVT
MCCORMICK WILDERNESS
D
E
A
PLUM CREEK
E
A
D
D
E Br of N Br Dismo Cr
A



gend

	PLSS Town-Range		Proposed Wetland Preservation Area
	PLSS Section Line		Wetland 100 foot offset
	Parcel Boundary		Wetland 150 foot offset

Feet 1,000 17"	Project Number: 11017	Drawn By: CEC - KME
	Map Date: 9/14/2012	Fig No: FIGURE M-2