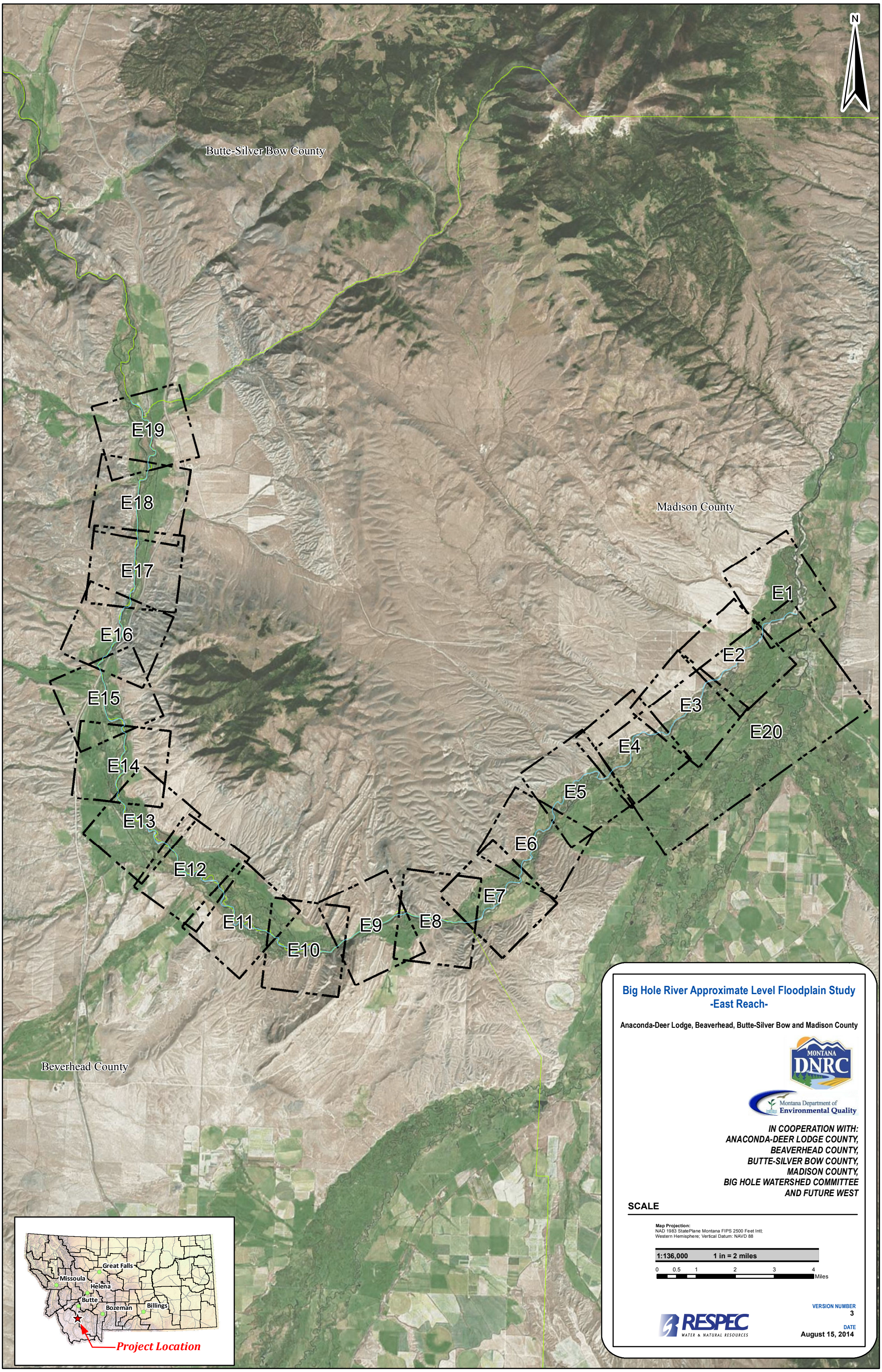
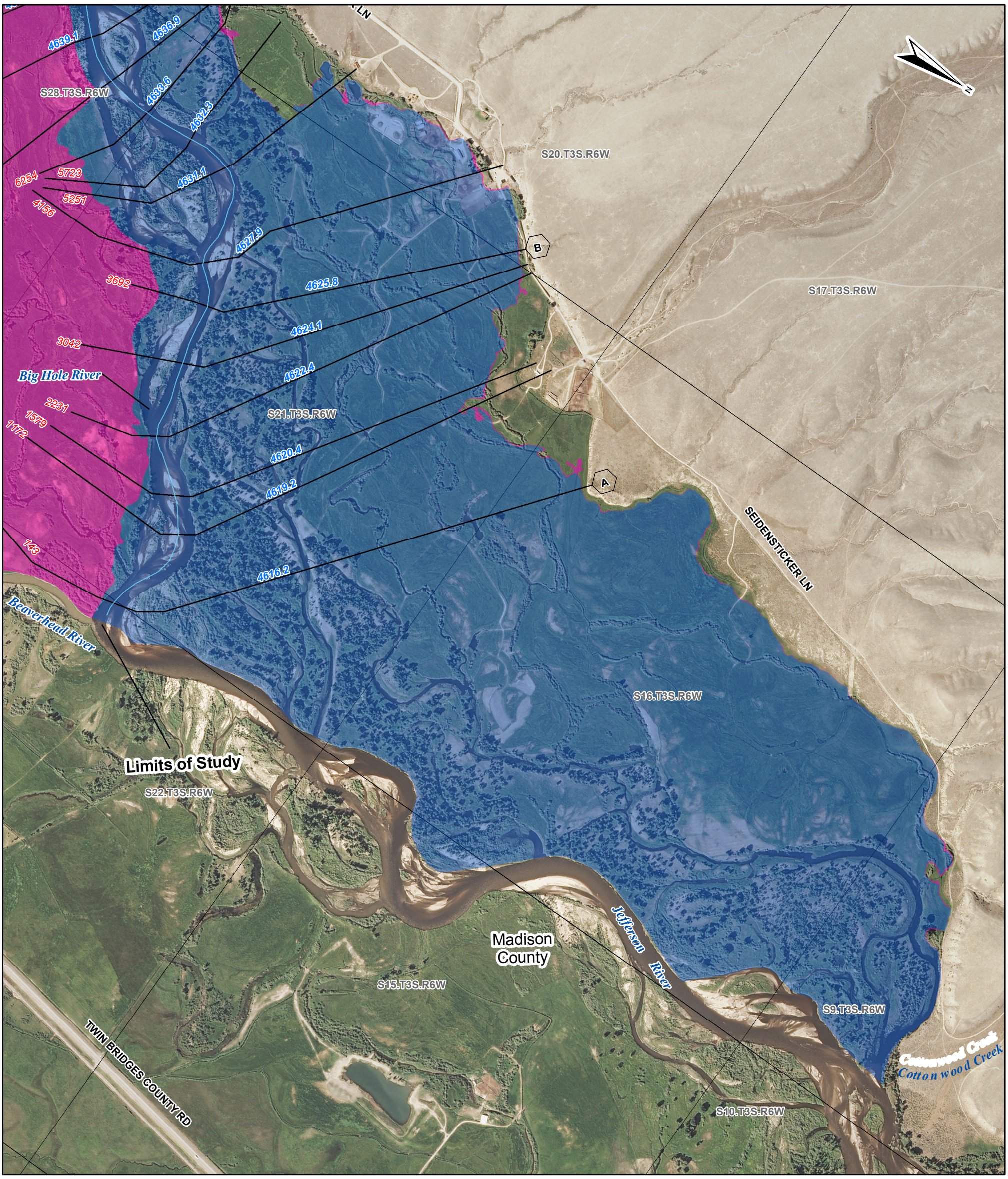

N
Butte-Silver Bow County
Madison County
Beverhead County
E1
E2
E3
E4
E5
E6
E7
E8
E9
E10
E11
E12
E13
E14
E15
E16
E17
E18
E19
E20
Great Falls
Missoula
Helena
Butte
Bozeman
Billings
Project Location
Big Hole River Approximate Level Floodplain Study
-East Reach-
Anaconda-Deer Lodge, Beaverhead, Butte-Silver Bow and Madison County
MONTANA DNRC
Montana Department of Environmental Quality
IN COOPERATION WITH:
ANACONDA-DEER LODGE COUNTY,
BEAVERHEAD COUNTY,
BUTTE-SILVER BOW COUNTY,
MADISON COUNTY,
BIG HOLE WATERSHED COMMITTEE
AND FUTURE WEST
SCALE
Map Projection:
NAD 1983 StatePlane Montana FIPS 2500 Feet Intl;
Western Hemisphere; Vertical Datum: NAVD 88
1:136,000
1 in = 2 miles
0 0.5 1 2 3 4 Miles
RESPEC
WATER & NATURAL RESOURCES
VERSION NUMBER
3
DATE
August 15, 2014



FLOOD HAZARD INFORMATION

PANEL E1 OF E20

SEE REPORT FOR ZONE DESCRIPTIONS

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- Effective Cross Section
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- Panel Boundary
- PLSS

SCALE

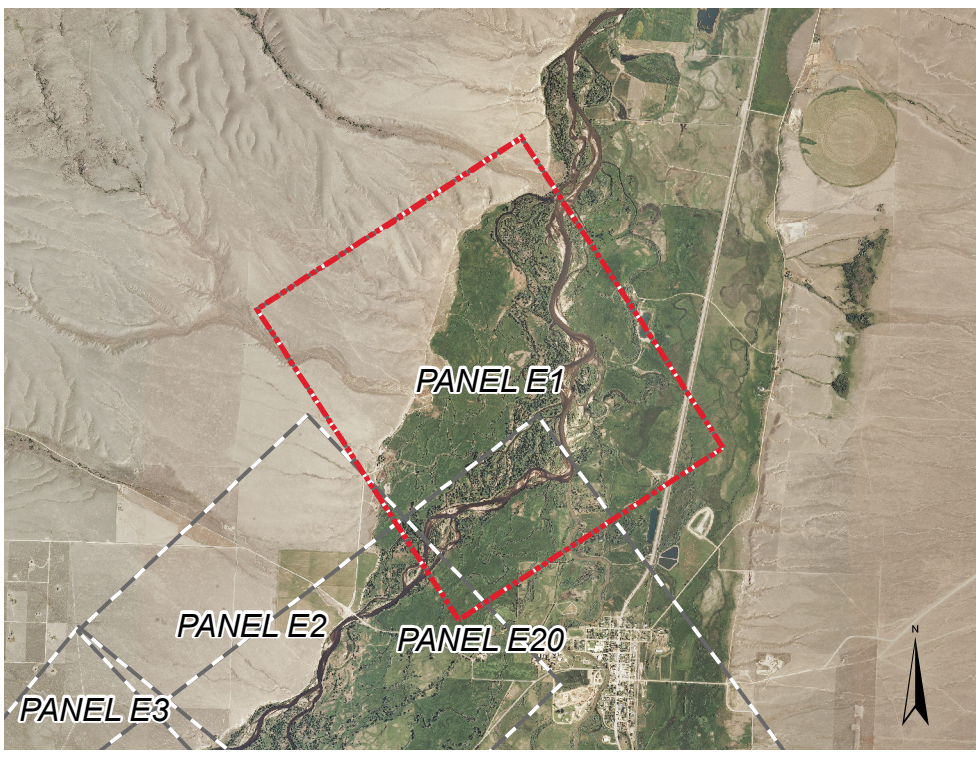
Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



Big Hole River Approximate Level Floodplain Study
-East Reach-

Madison County, Montana

MONTANA DNRC

Montana Department of Environmental Quality

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BIG HOLE WATERSHED COMMITTEE
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S5.T4S.R6W
S31.T3S.R6W
S30.T3S.R6W
S32.T3S.R6W
Madison County
S29.T3S.R6W
S33.T3S.R6W
Melrose Rd Bridge
MELROSE TWIN BRIDGES RD
Rochester Creek
Big Hole River
Third Slough
S28.T3S.R6W
SEIDENSTICKER LN
S20.T3S.R6W
S21.T3S.R6W
S27.T3S.R6W

17747 4670.7
17264 4669.1
16756 4668.0
16191 4666.9
15790 4665.2
15545 4664.1
4662.8
15378 4662.2
15195 4661.3
15010 4660.4
14660 4659.3
14345 4658.1
13351 13842 4656.8
12959 4656.4
4655.7 12560
4654.2 12291
4652.6 11716
4650.7 11259
4648.9 10759
4648.7 10288
4646.6 9736
4645.4 9480
4643.7 8759
4642.4 8259
4641.4 7759
4639.1 7267
4636.9 6759
4633.6 6254
4632.3 5723
5251 4166
4631.1

H G F E D C

FLOOD HAZARD INFORMATION

PANEL E2 OF E20

SEE REPORT FOR ZONE DESCRIPTIONS

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Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

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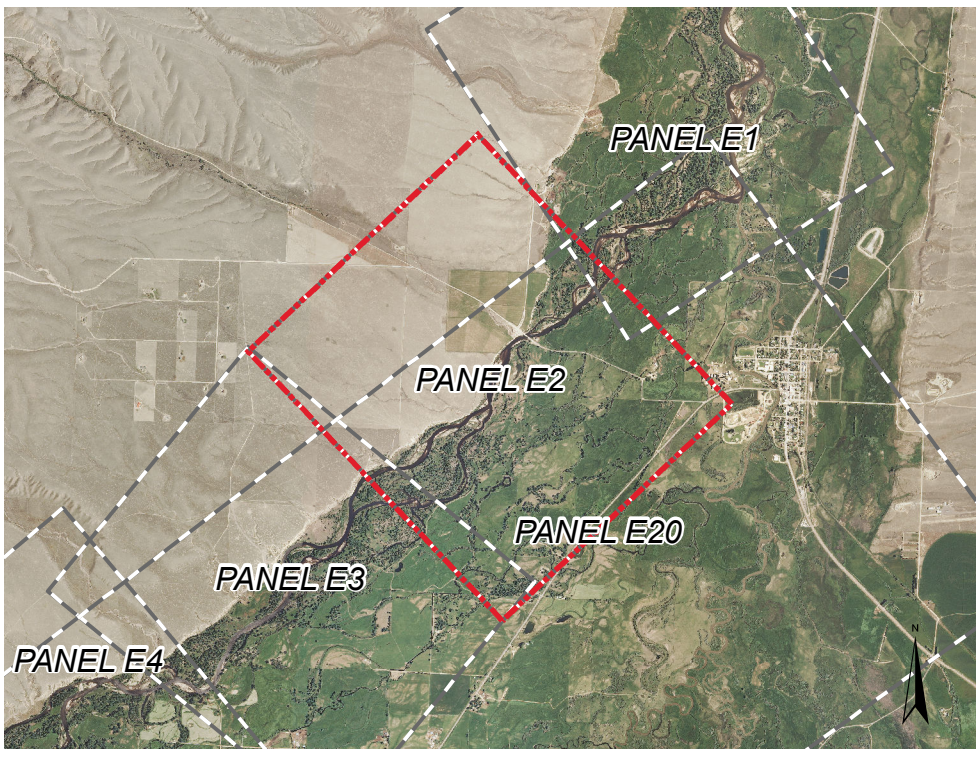
0 500 1,000 2,000 Feet
0 100 200 400 600 Meters

PANEL LOCATOR



Big Hole River Approximate Level Floodplain Study
-East Reach-

Madison County, Montana

MONTANA DNRC

Montana Department of Environmental Quality

IN COOPERATION WITH:
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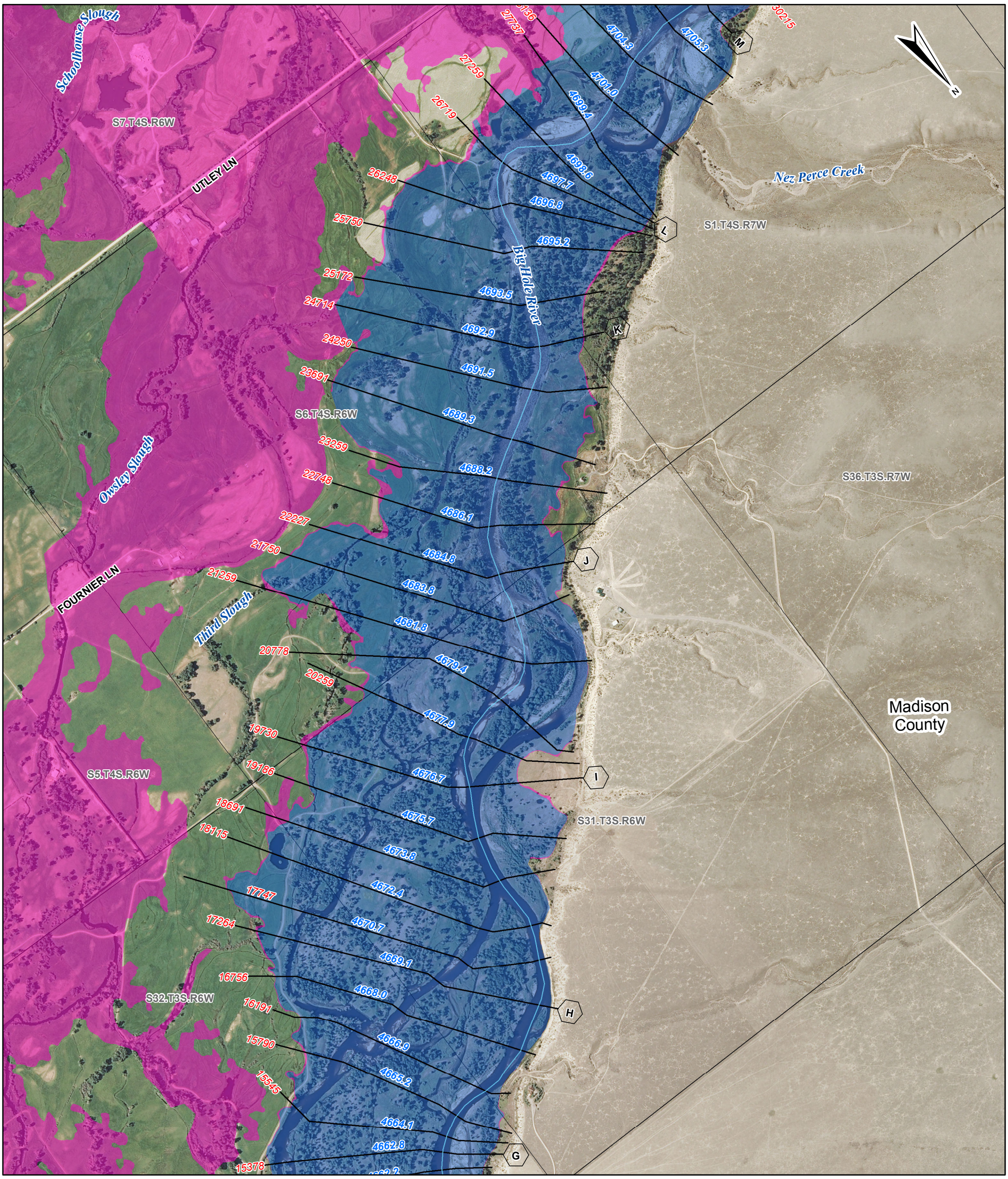

Big Hole River Approximate Level Floodplain Study
-East Reach-

Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E3** OF **E20**

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- Panel Boundary
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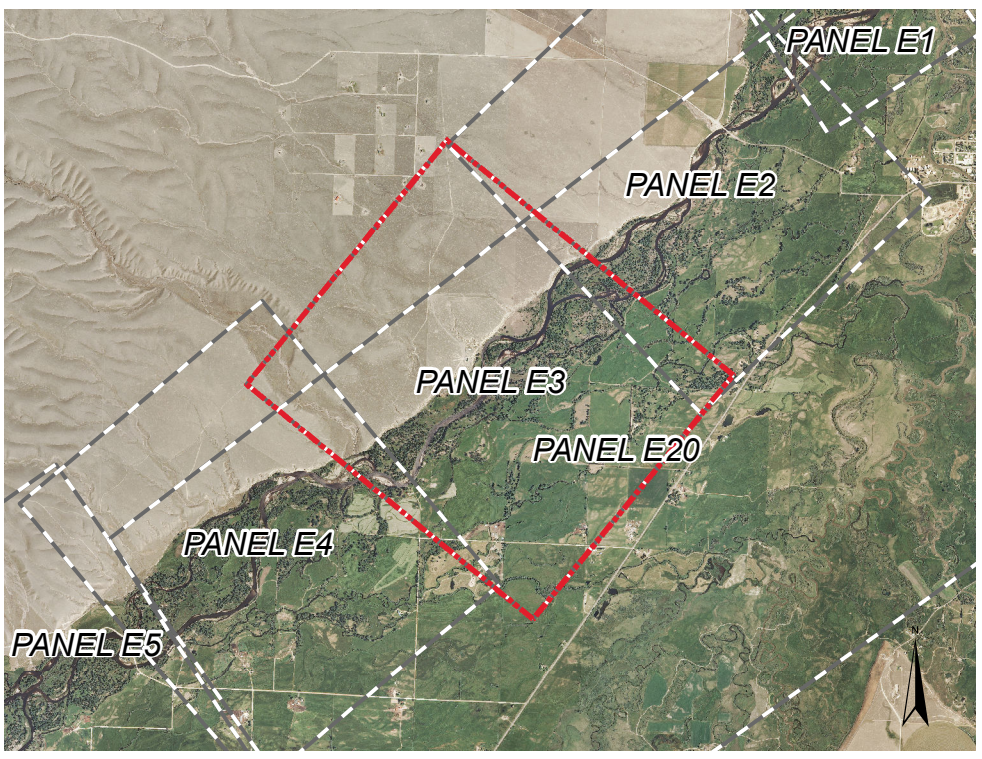

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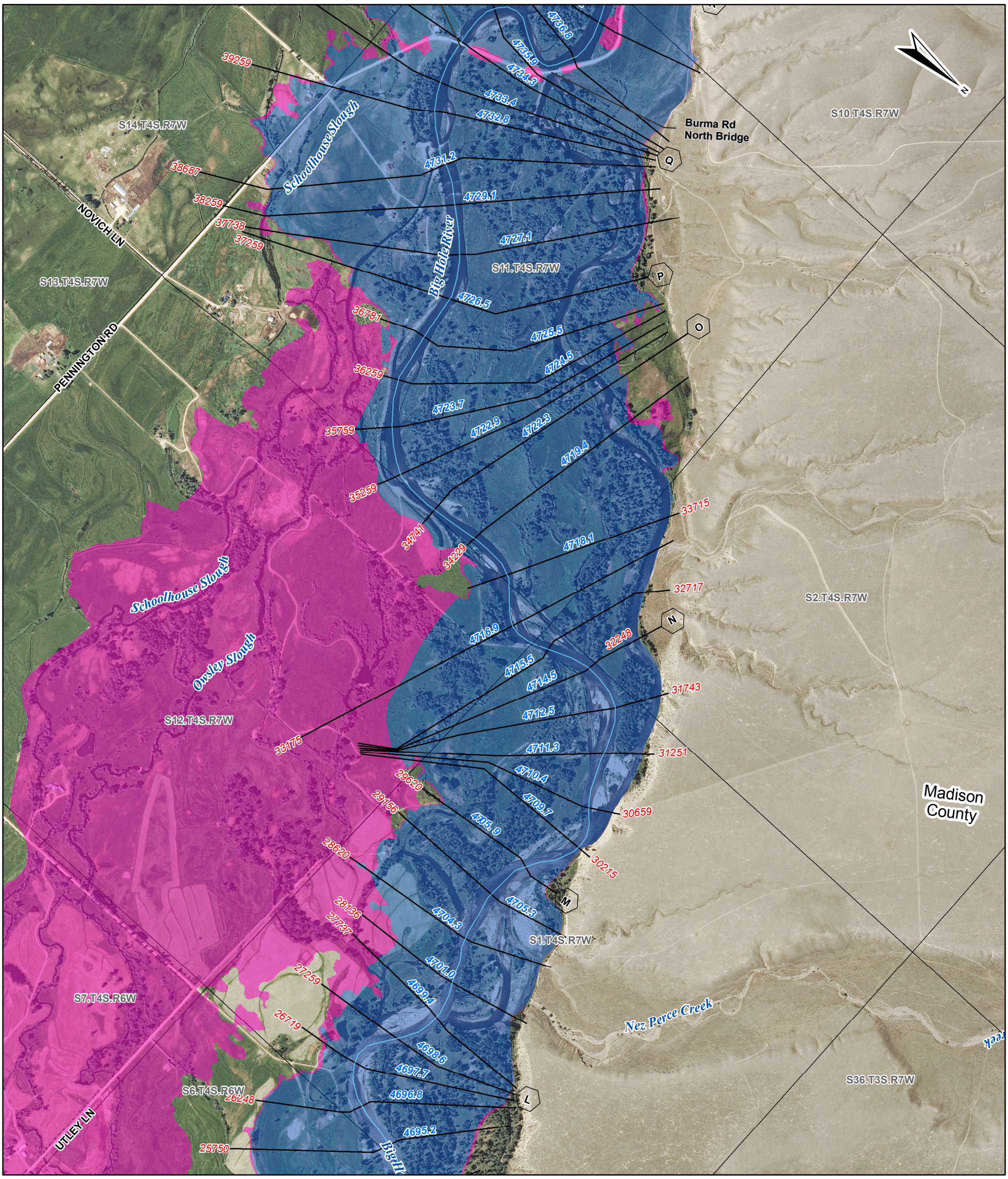

Big Hole River Approximate Level Floodplain Study
-East Reach-

Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E4** OF **E20**

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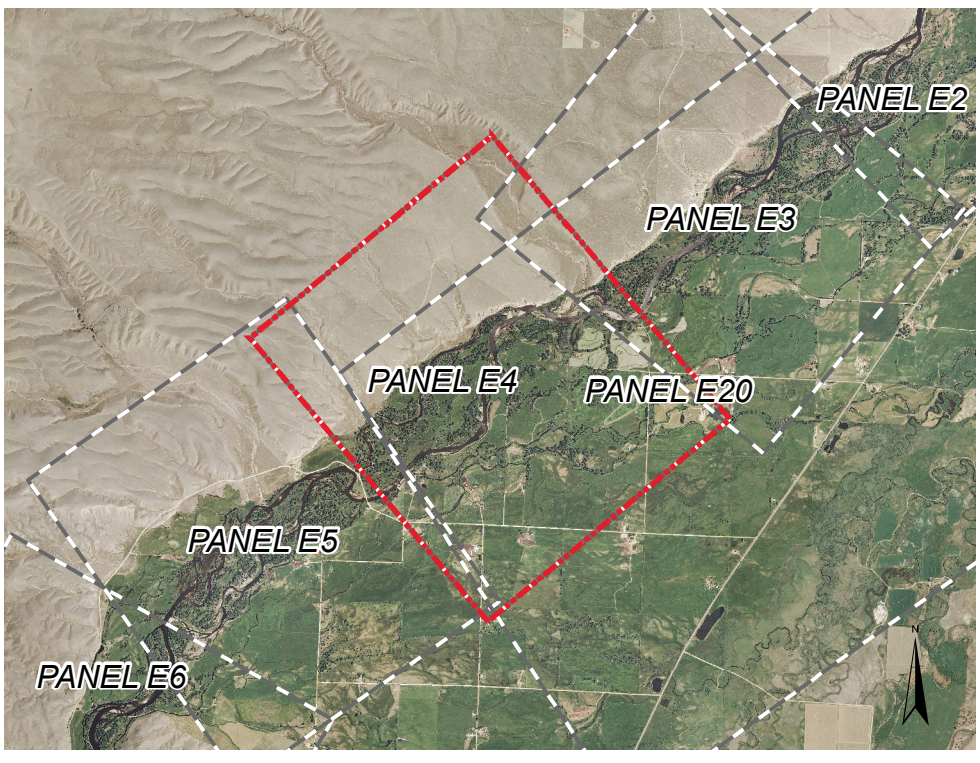
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



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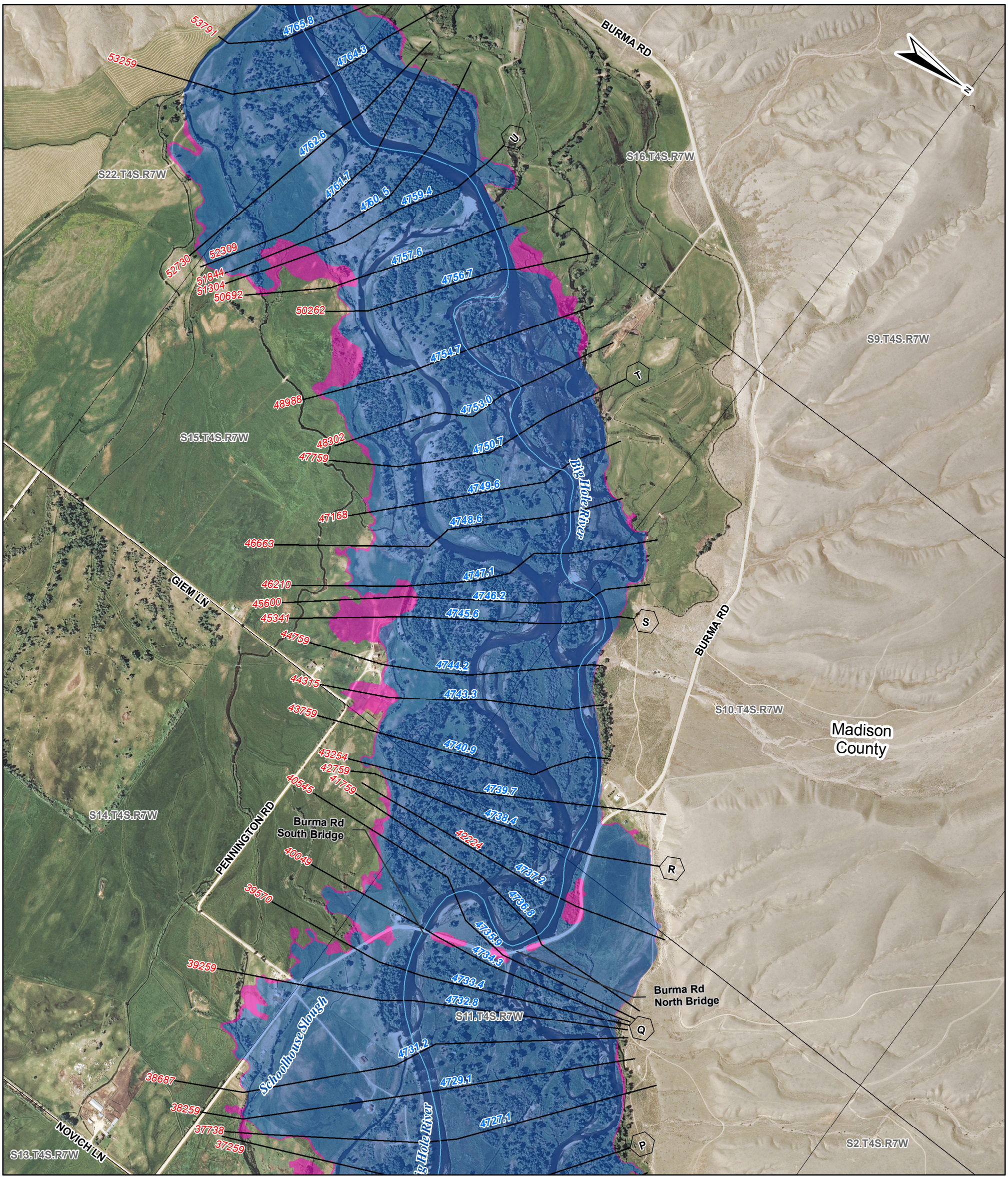

Big Hole River Approximate Level Floodplain Study
-East Reach-

Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E5** OF **E20**

SEE REPORT FOR ZONE DESCRIPTIONS

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OTHER FEATURES

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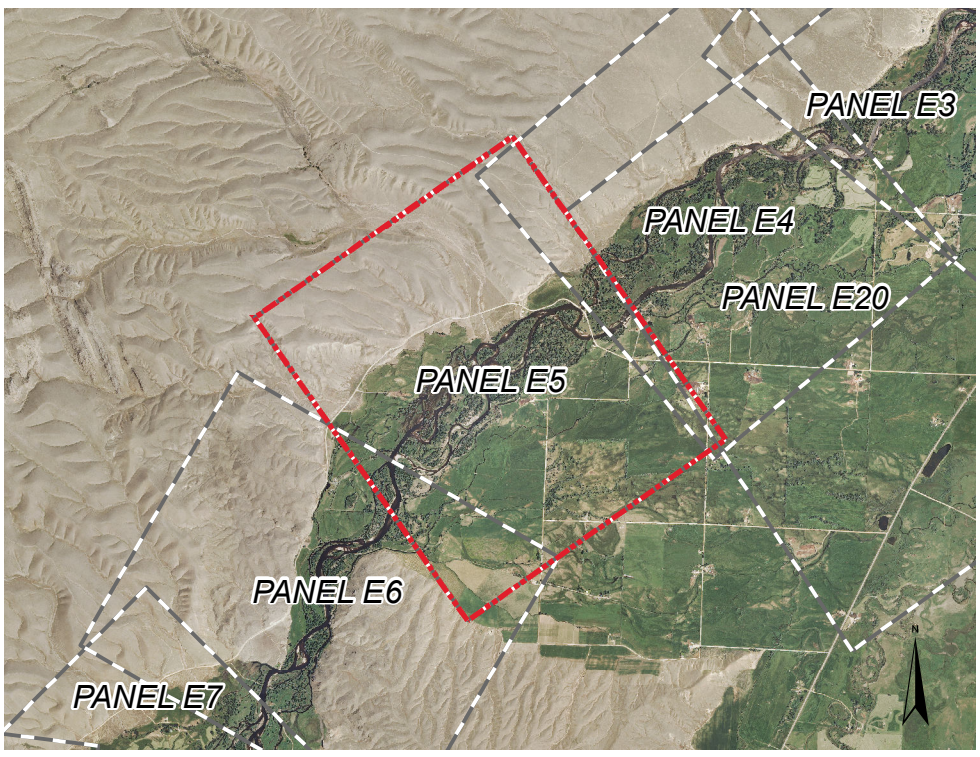
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



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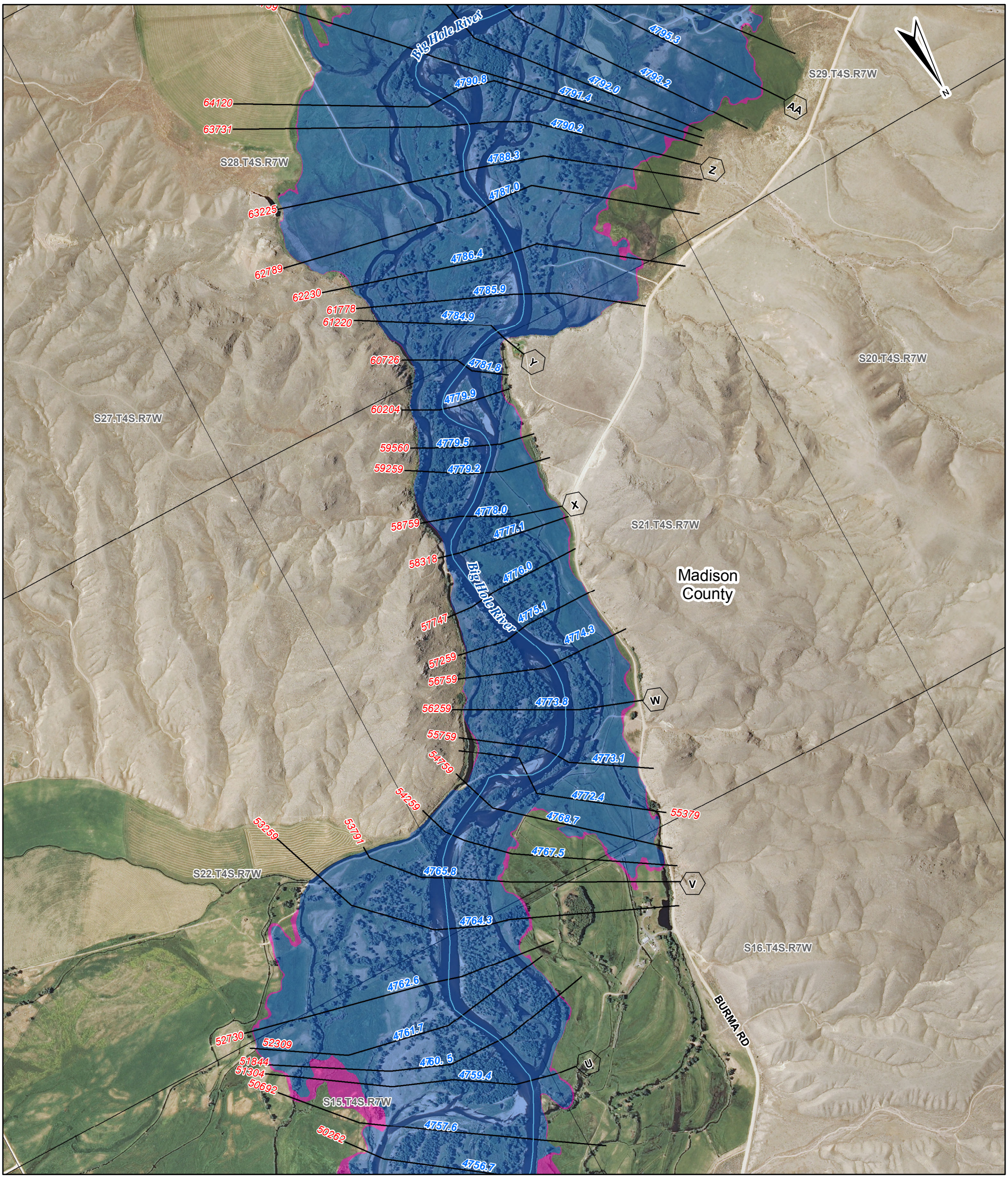
DATE August 15, 2014



FLOOD HAZARD INFORMATION

PANEL E6 OF E20

SEE REPORT FOR ZONE DESCRIPTIONS

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Aerial Photography Data: NAIP 2011

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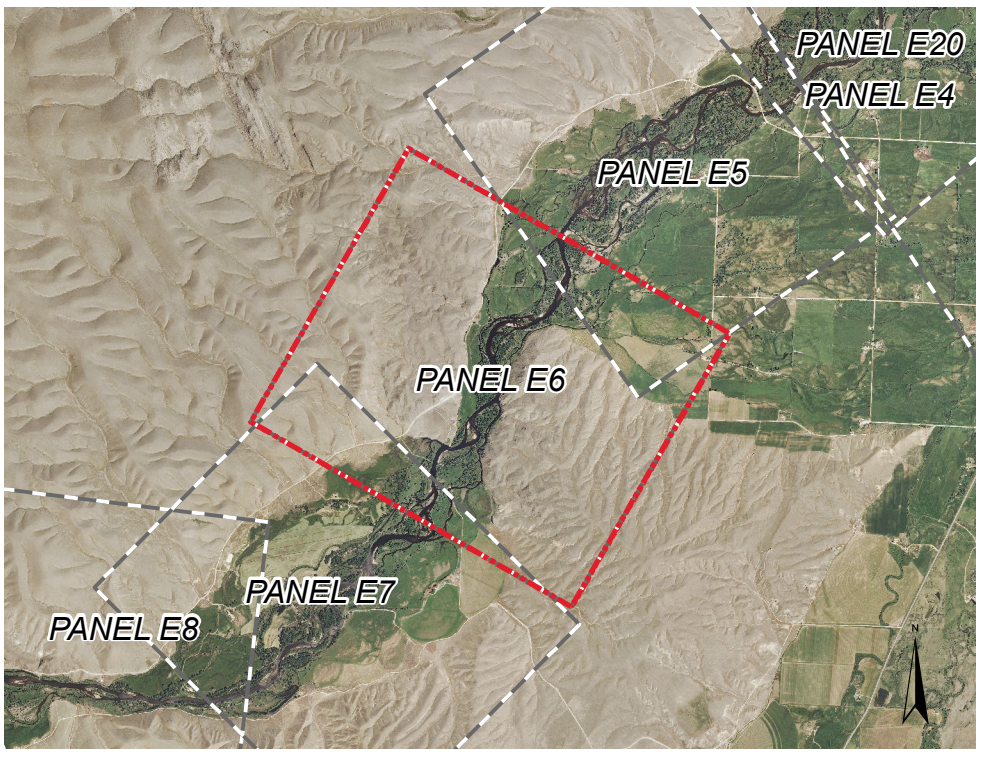
0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



Big Hole River Approximate Level Floodplain Study
-East Reach-

Madison County, Montana

MONTANA DNRC

Montana Department of Environmental Quality

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VERSION NUMBER 3

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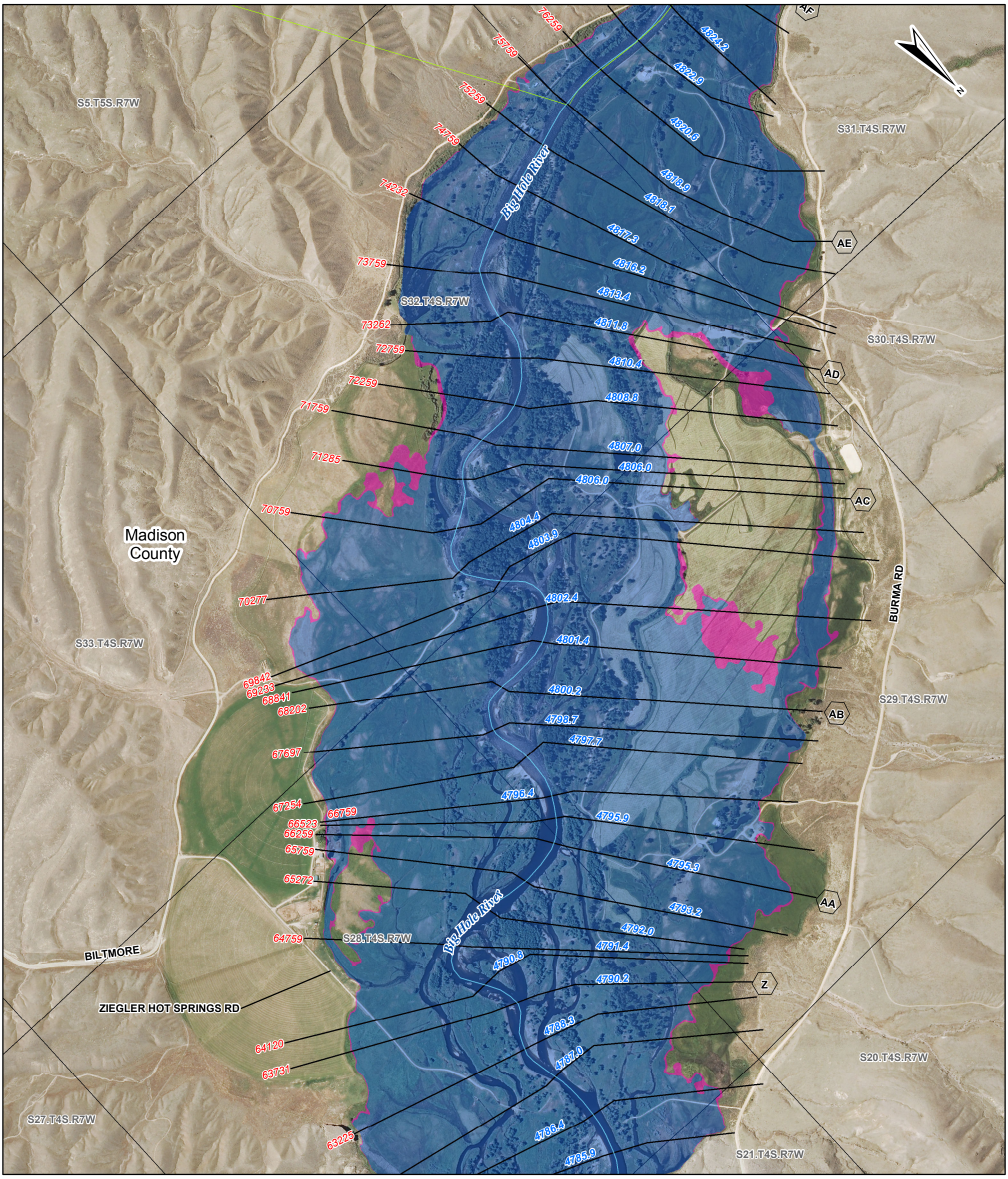

Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E7** OF **E20**

SEE REPORT FOR ZONE DESCRIPTIONS

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Aerial Photography Data: NAIP 2011

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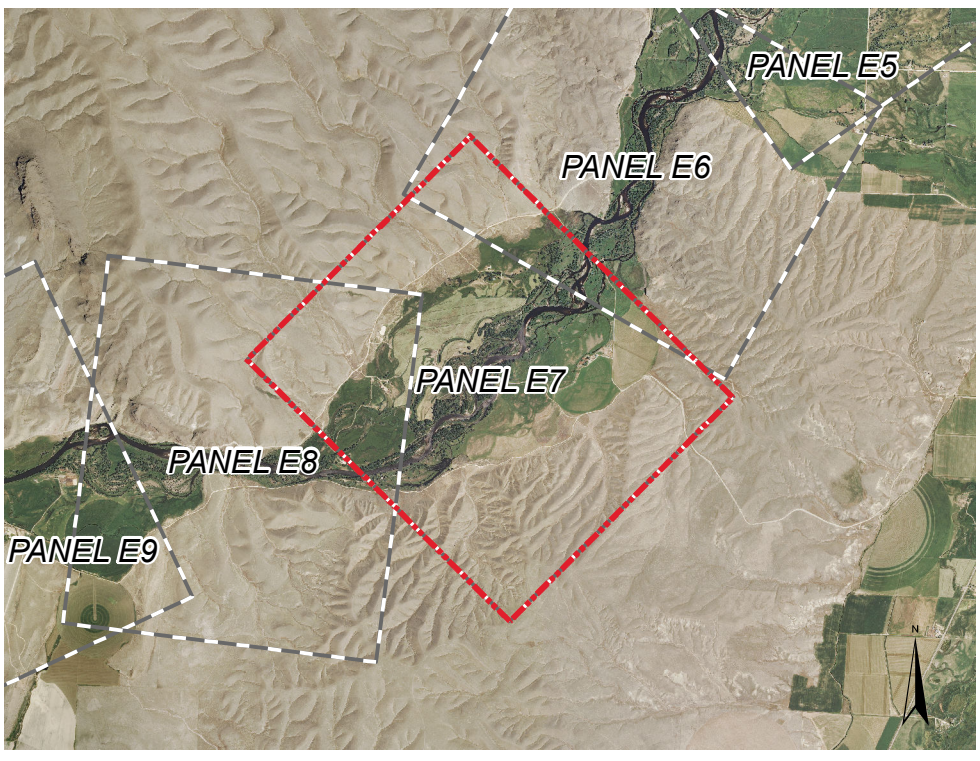
PANEL LOCATOR



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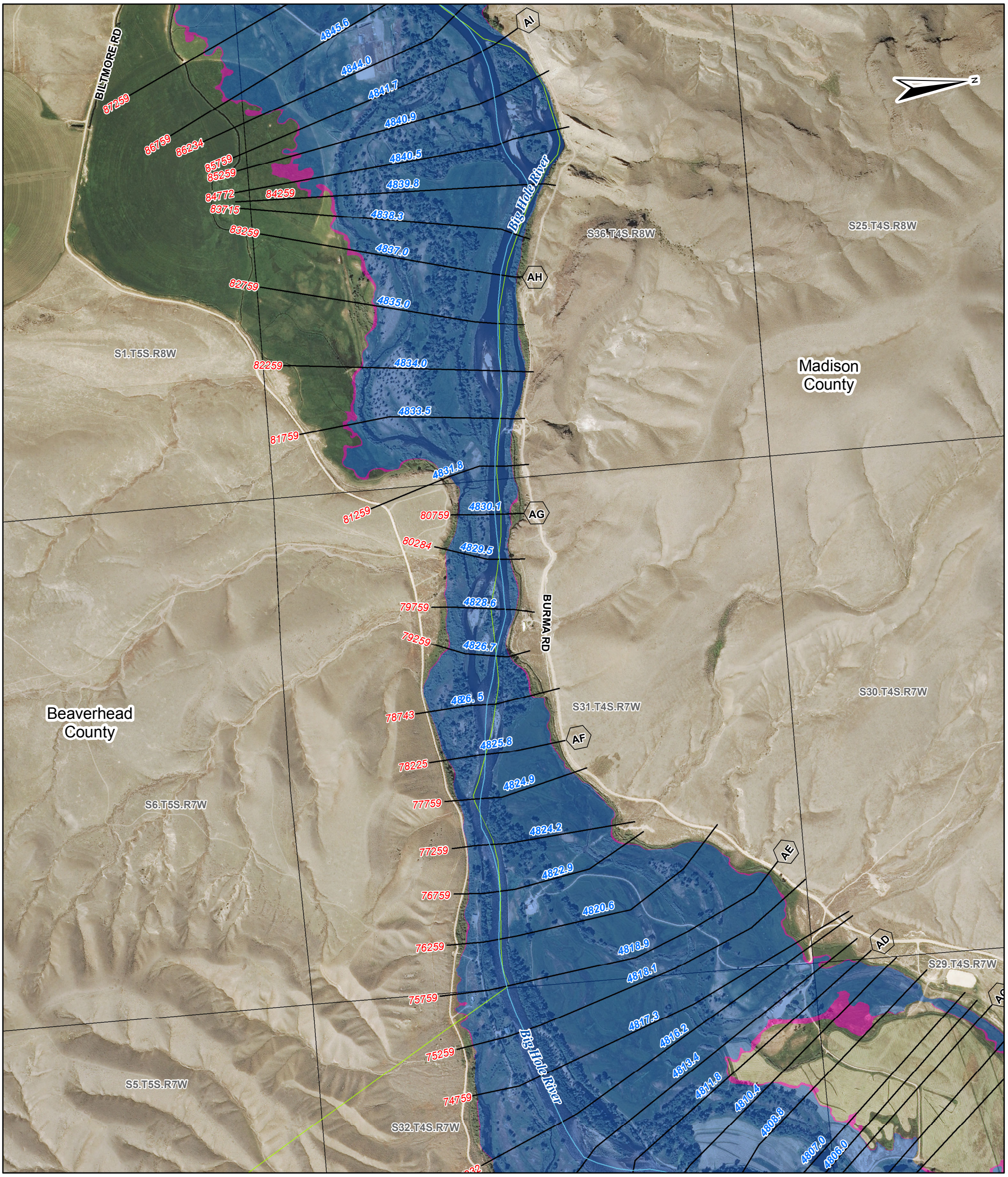

FLOOD HAZARD INFORMATION

PANEL **E8** OF **E20**

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Aerial Photography Data: NAIP 2011

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0 500 1,000 2,000 Feet

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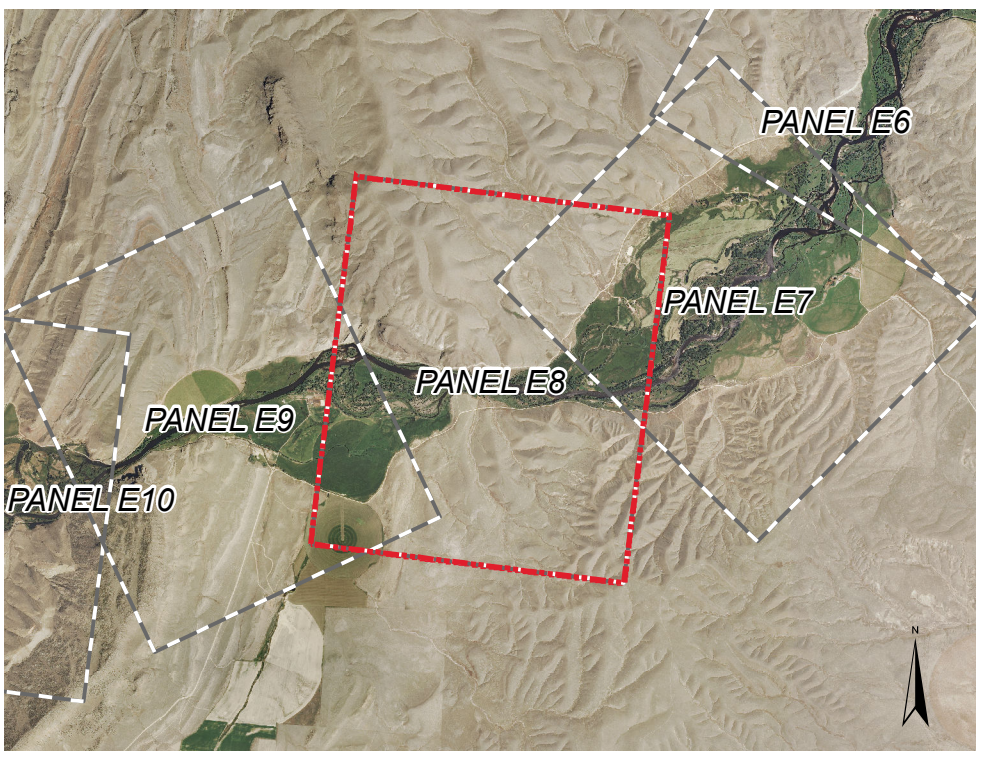
PANEL LOCATOR



Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

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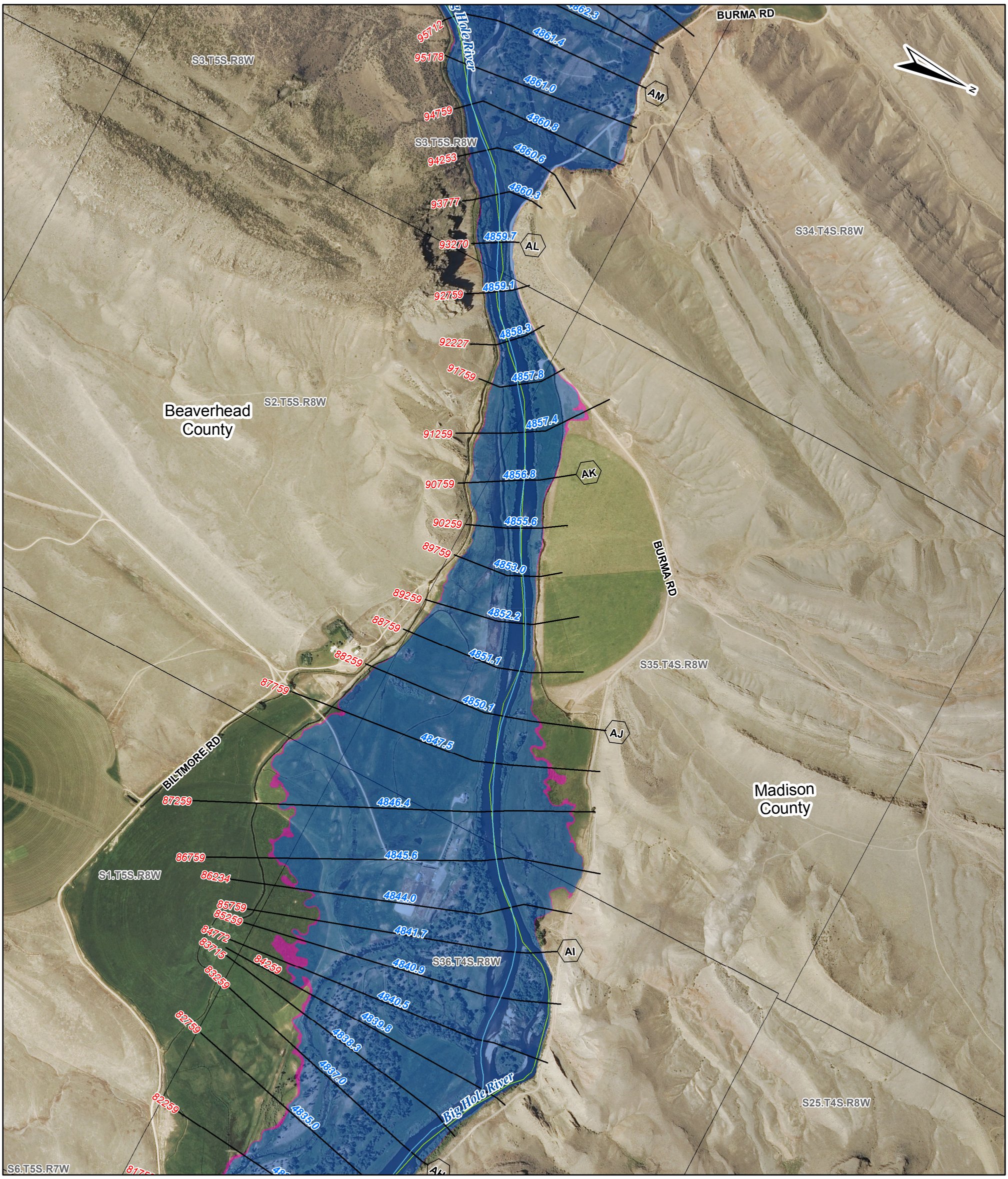

Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E9** OF **E20**

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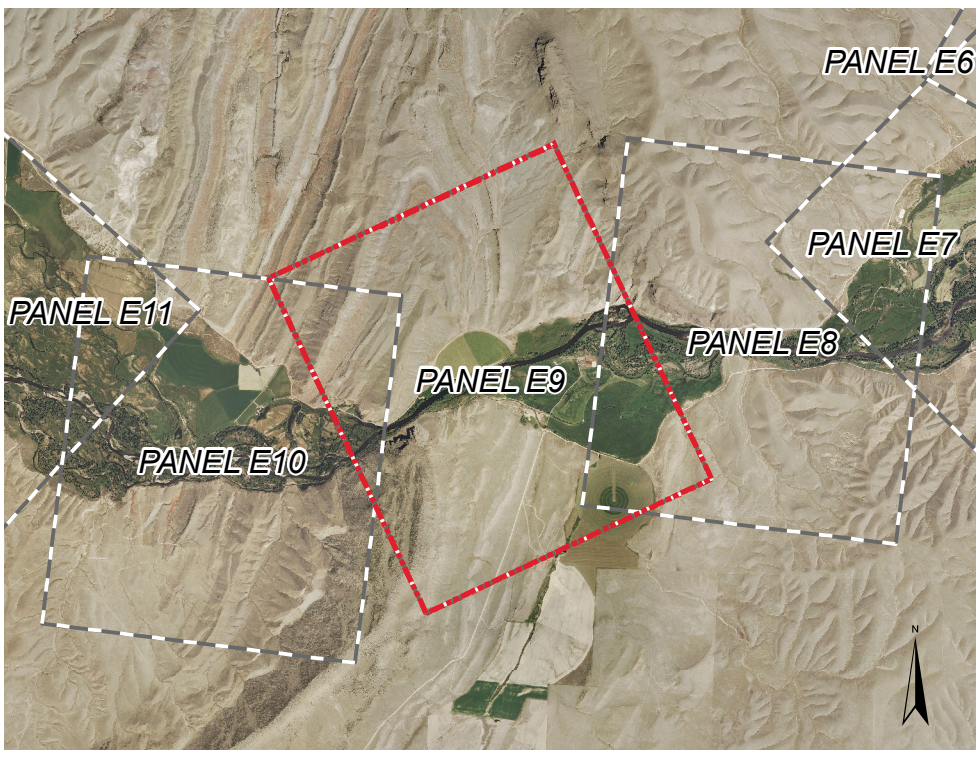

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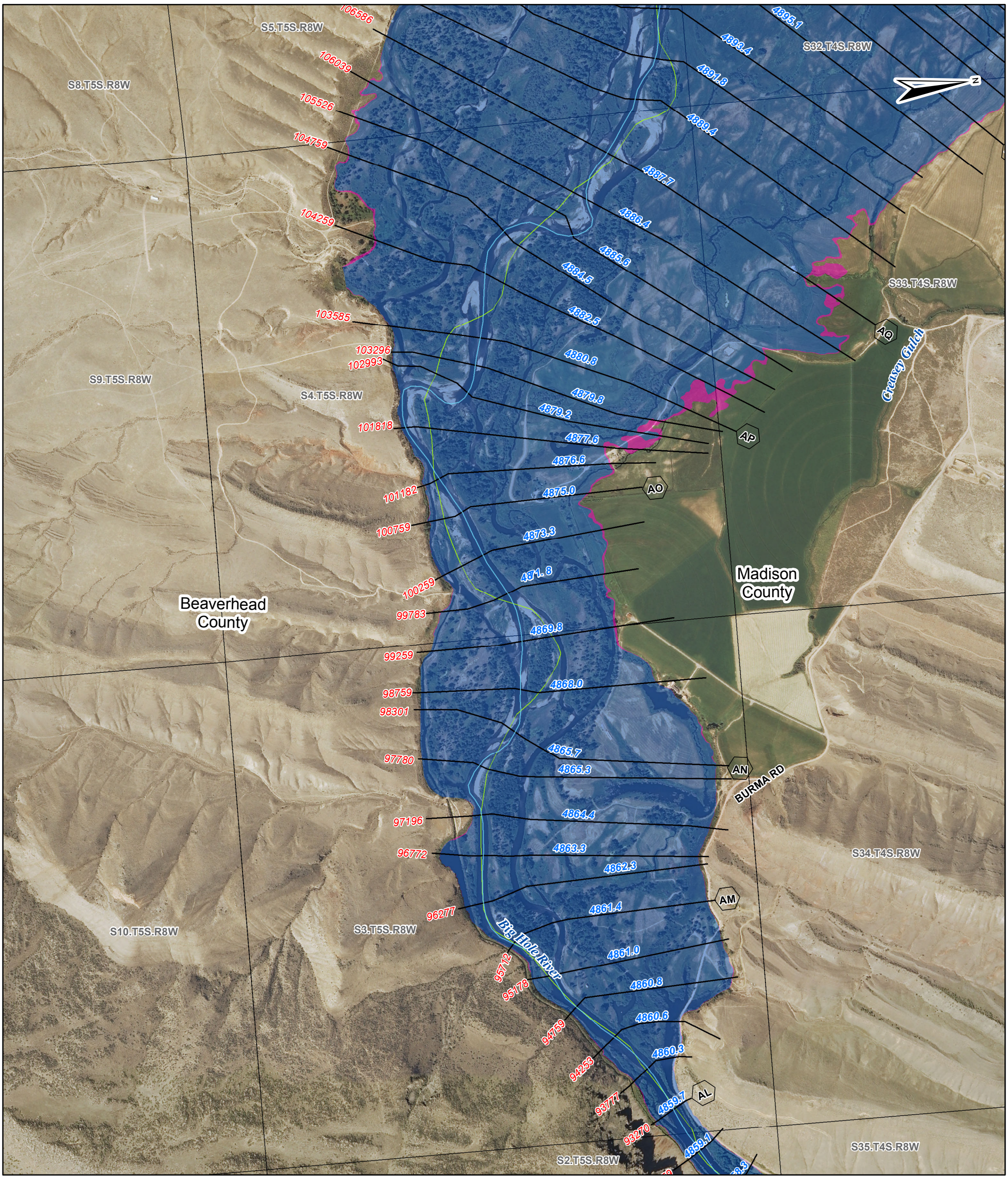

FLOOD HAZARD INFORMATION

PANEL E10 OF E20

SEE REPORT FOR ZONE DESCRIPTIONS

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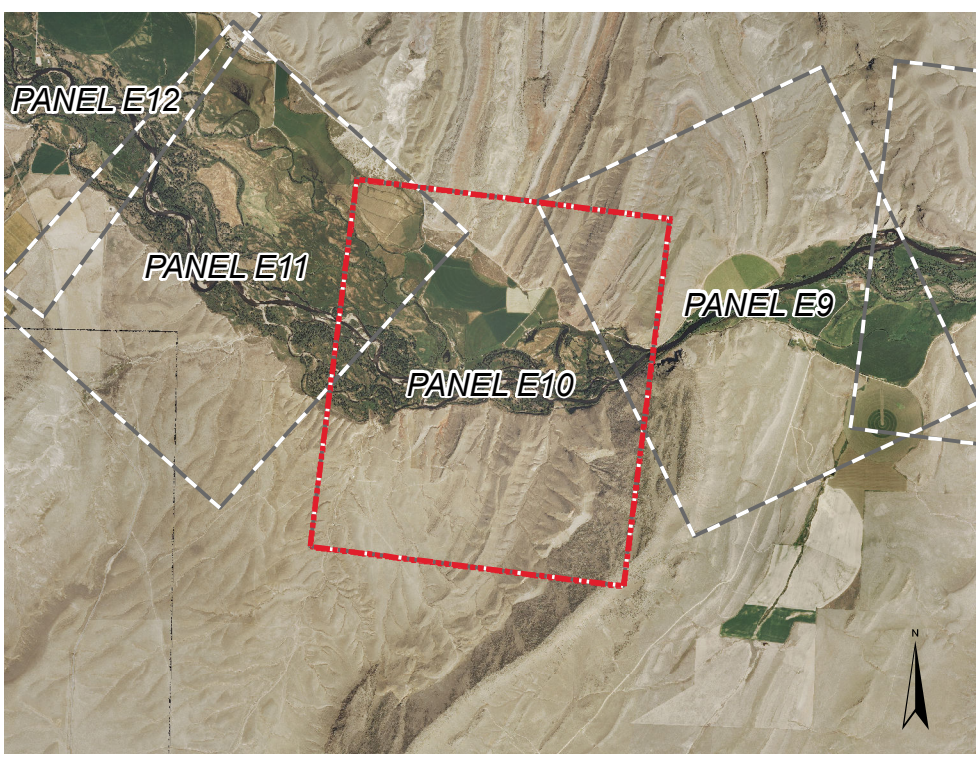

Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

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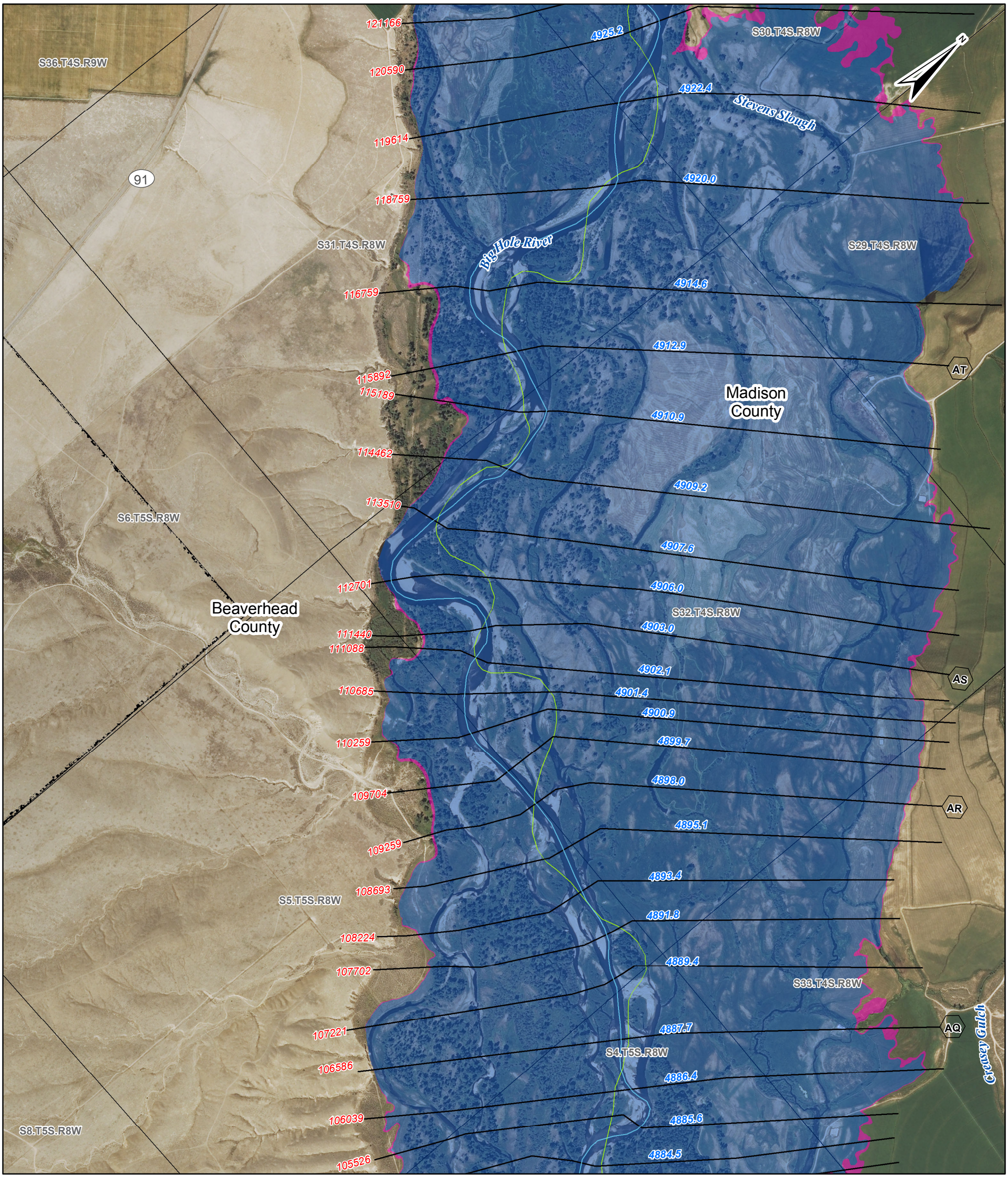

Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E11** OF **E20**

SEE REPORT FOR ZONE DESCRIPTIONS

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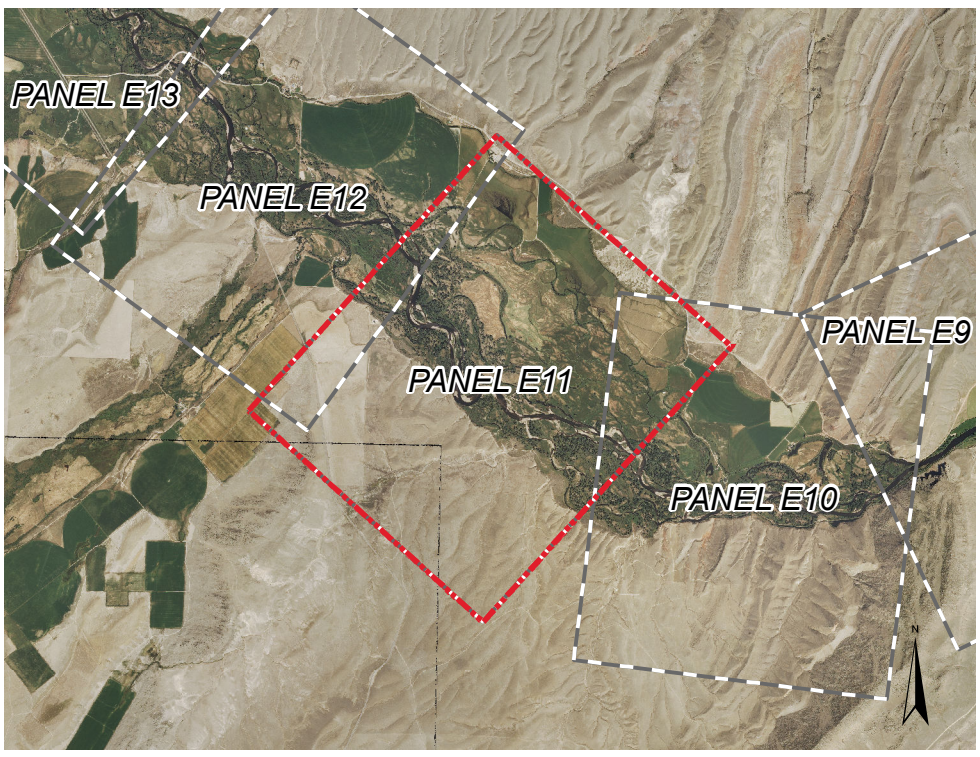
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



MONTANA DNRC

Montana Department of Environmental Quality

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BEAVERHEAD COUNTY,
BUTTE-SILVER BOW COUNTY,
MADISON COUNTY,
BIG HOLE WATERSHED COMMITTEE
AND FUTURE WEST

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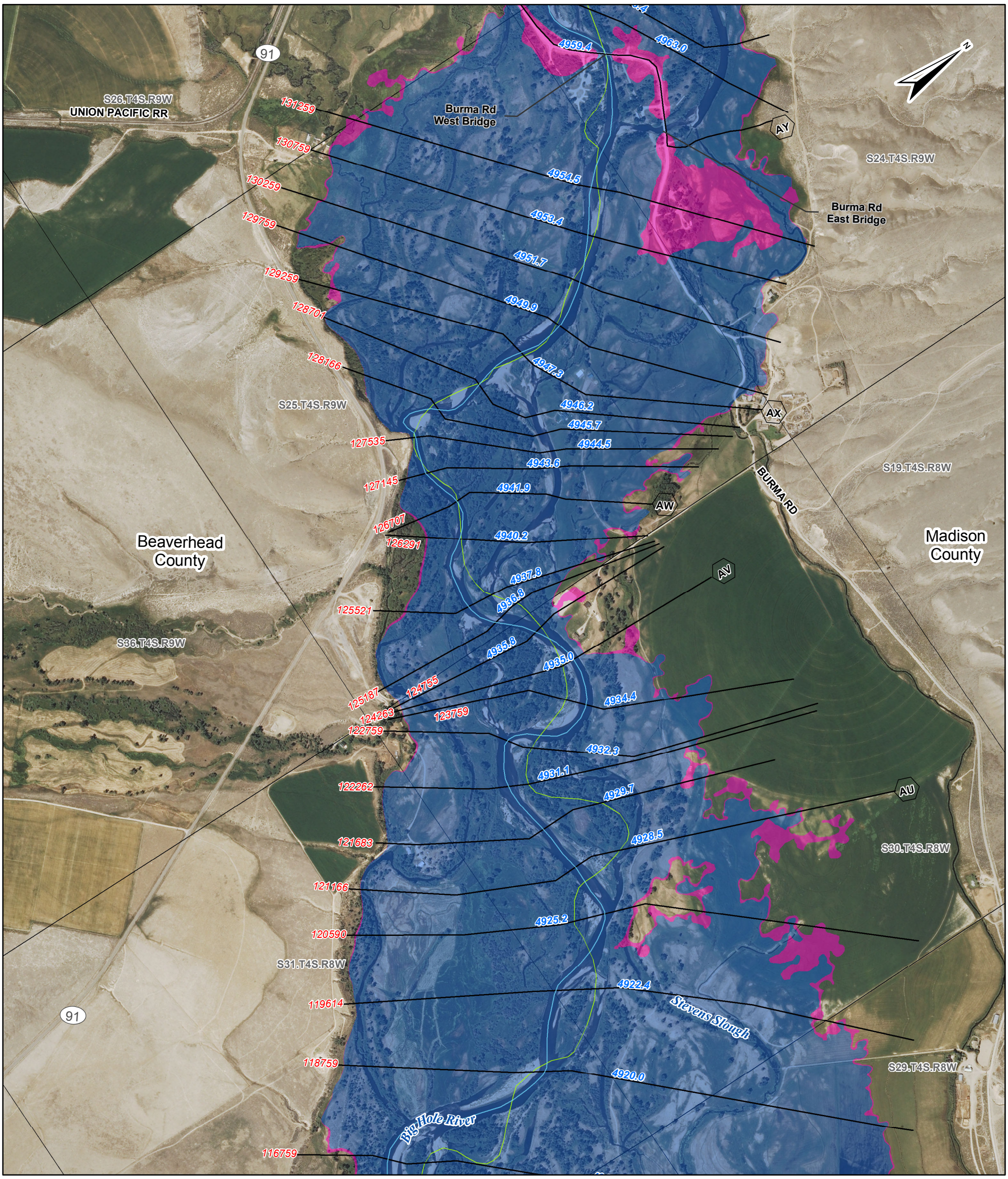
VERSION NUMBER 3

DATE August 15, 2014



FLOOD HAZARD INFORMATION

PANEL **E12** OF **E20**

SEE REPORT FOR ZONE DESCRIPTIONS

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Zone A -
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Zone X -
1% Annual Chance Flood Hazard Depth < 1ft or
0.2% Annual Chance Flood Hazard

OTHER FEATURES

- Cross Section
- Effective Cross Section
- Water Surface Elevation (4625.8)
- River Stations (3692)
- Profile Baseline
- Backwater Base Flood Elevation (523)
- Jurisdictional Boundary
- Panel Boundary
- PLSS

SCALE

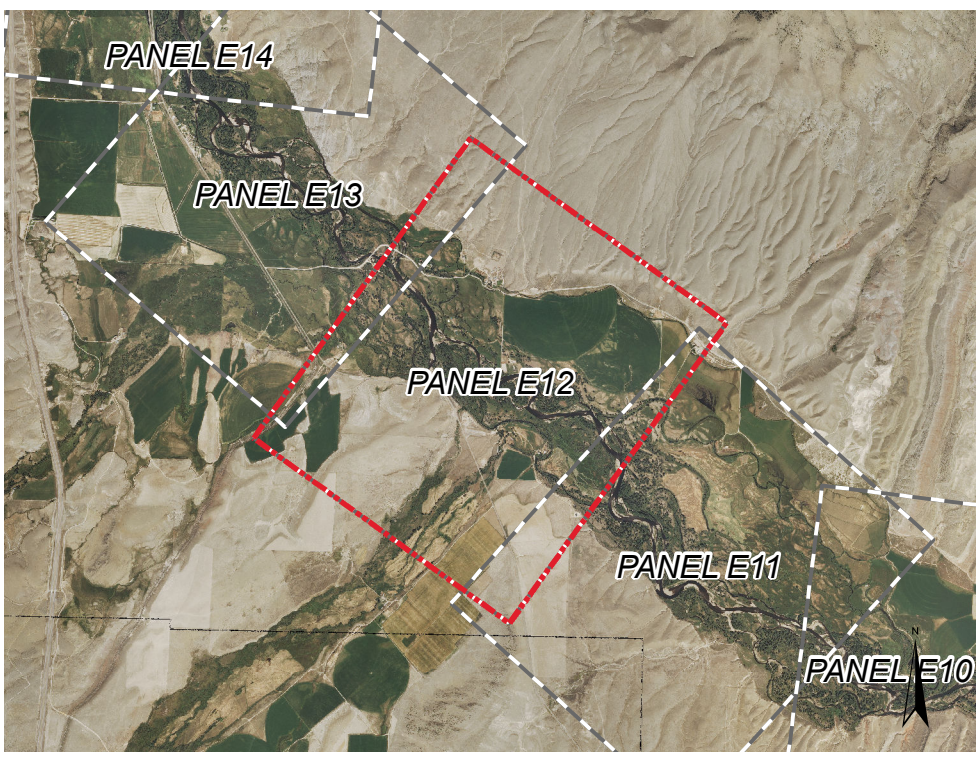
Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

MONTANA DNRC

Montana Department of Environmental Quality

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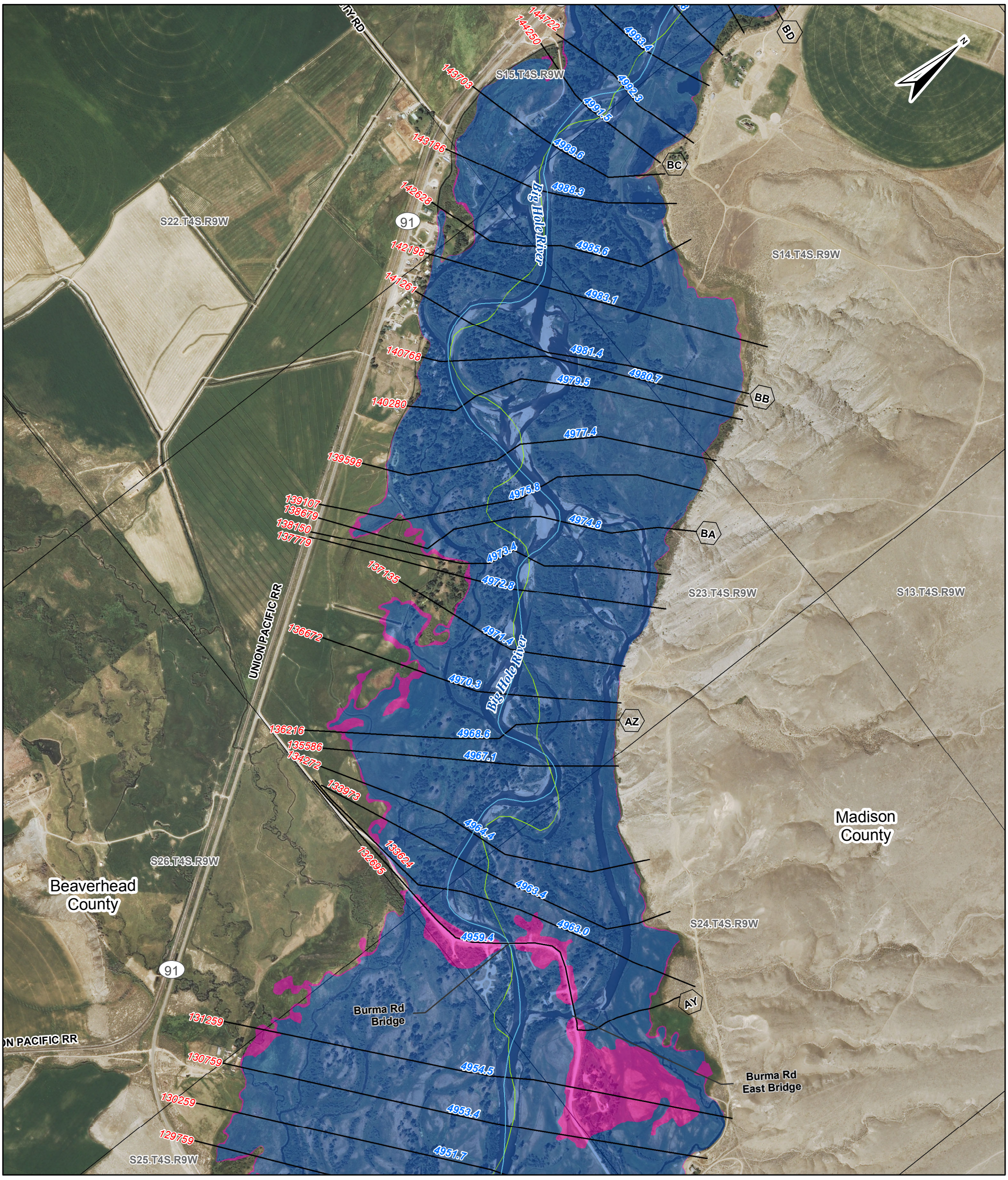
DATE August 15, 2014



Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E13** OF **E20**

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OTHER FEATURES

- Cross Section
- Effective Cross Section
- 4625.8 Water Surface Elevation
- 3692 River Stations
- Profile Baseline
- 523 Backwater Base Flood Elevation
- Jurisdictional Boundary
- Panel Boundary
- PLSS

SCALE

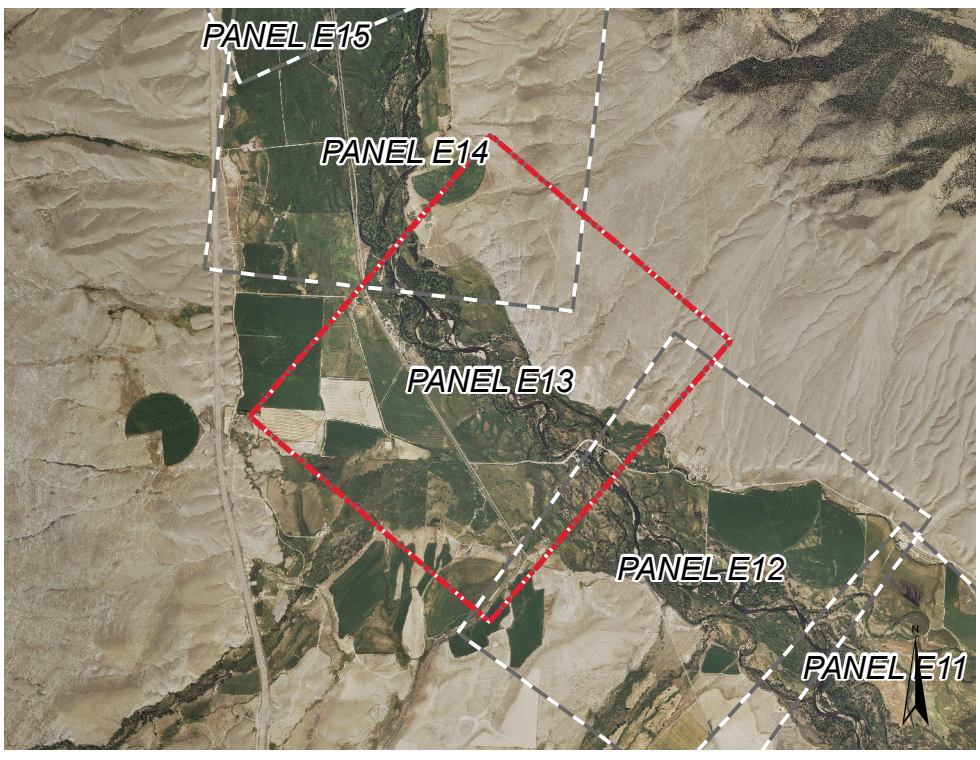
Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



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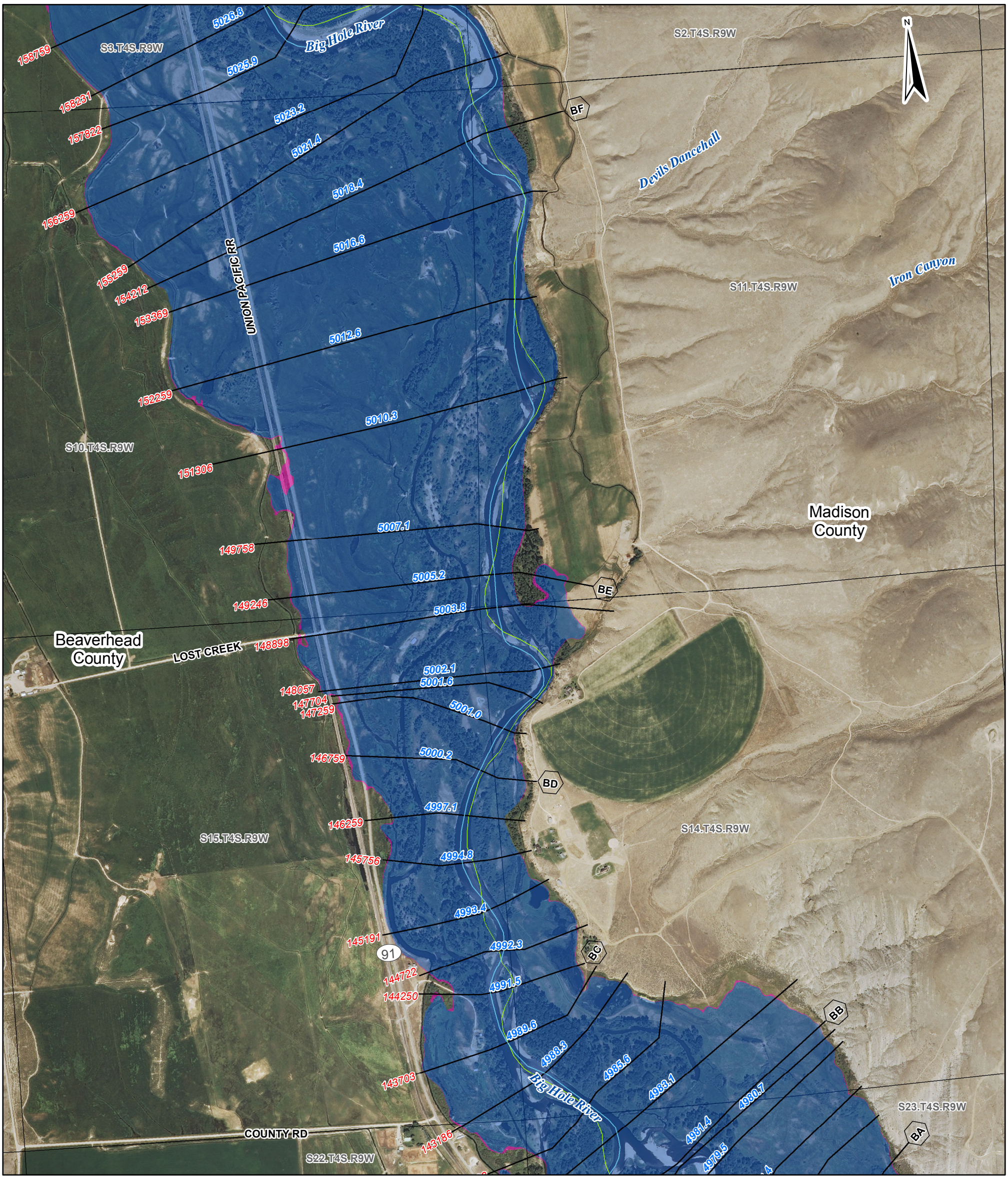

FLOOD HAZARD INFORMATION

PANEL E14 OF E20

SEE REPORT FOR ZONE DESCRIPTIONS

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- Panel Boundary
- PLSS

SCALE

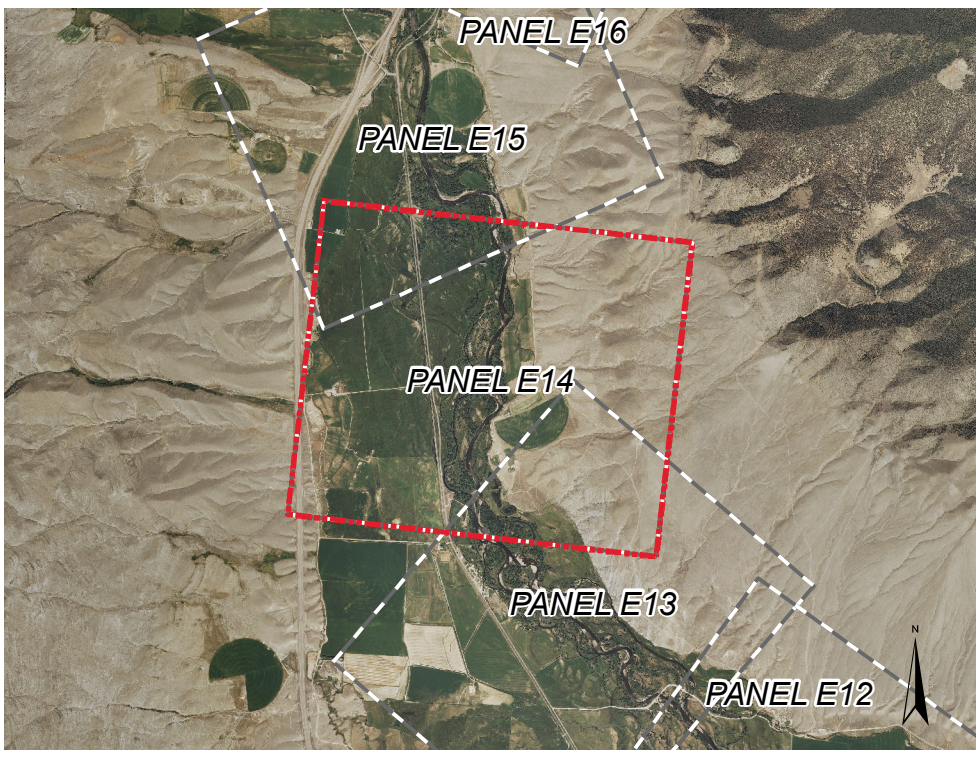
Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

MONTANA DNRC

Montana Department of Environmental Quality

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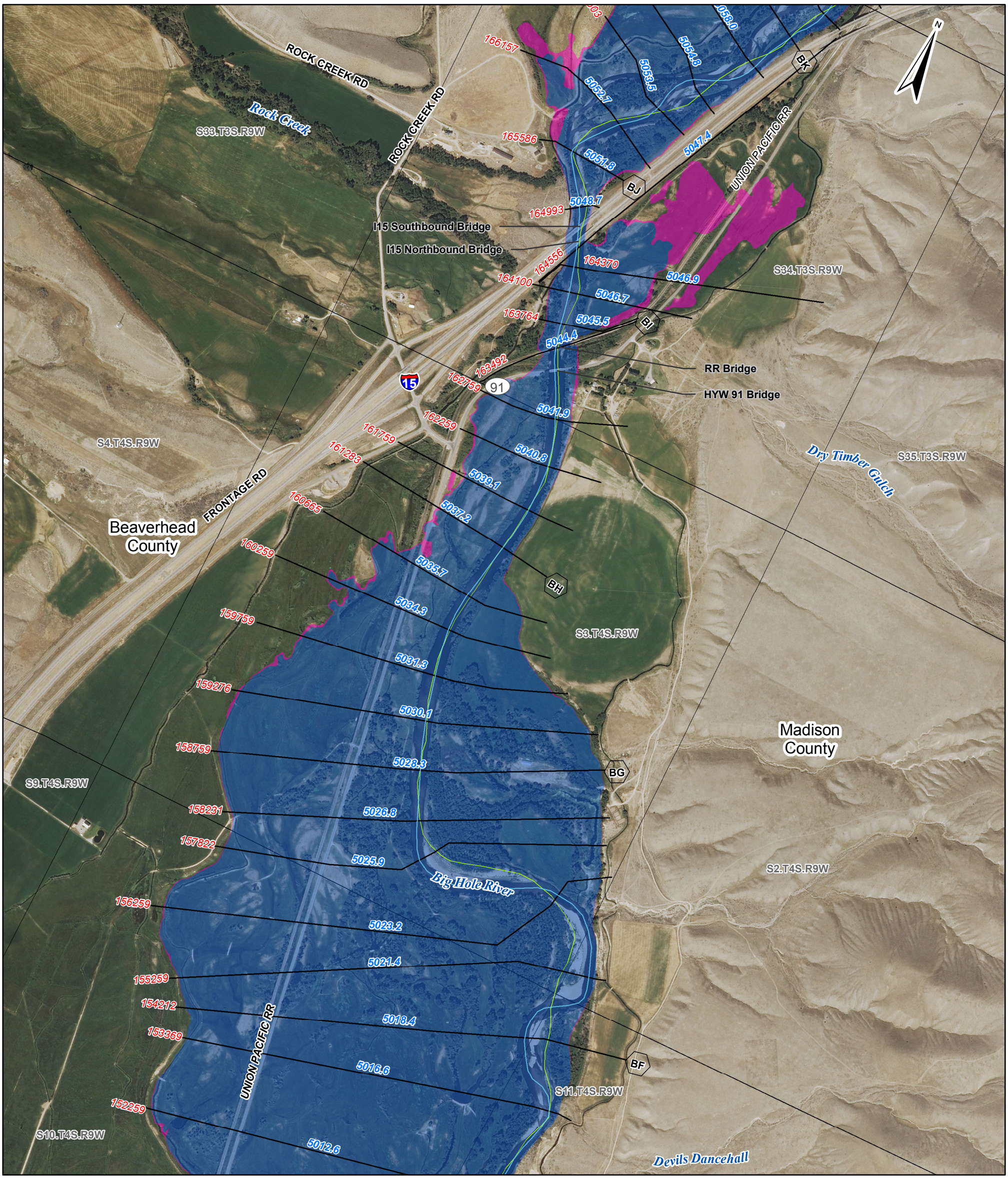

Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E15** OF **E20**

SEE REPORT FOR ZONE DESCRIPTIONS

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OTHER FEATURES

- Cross Section
- Effective Cross Section
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- Panel Boundary
- PLSS

SCALE

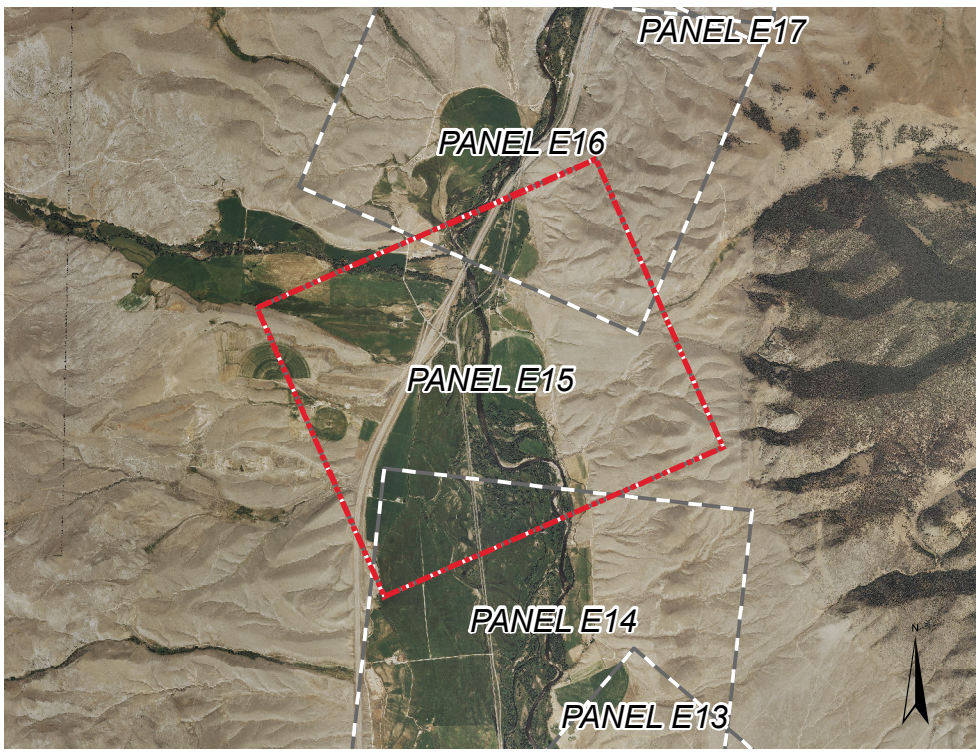
Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



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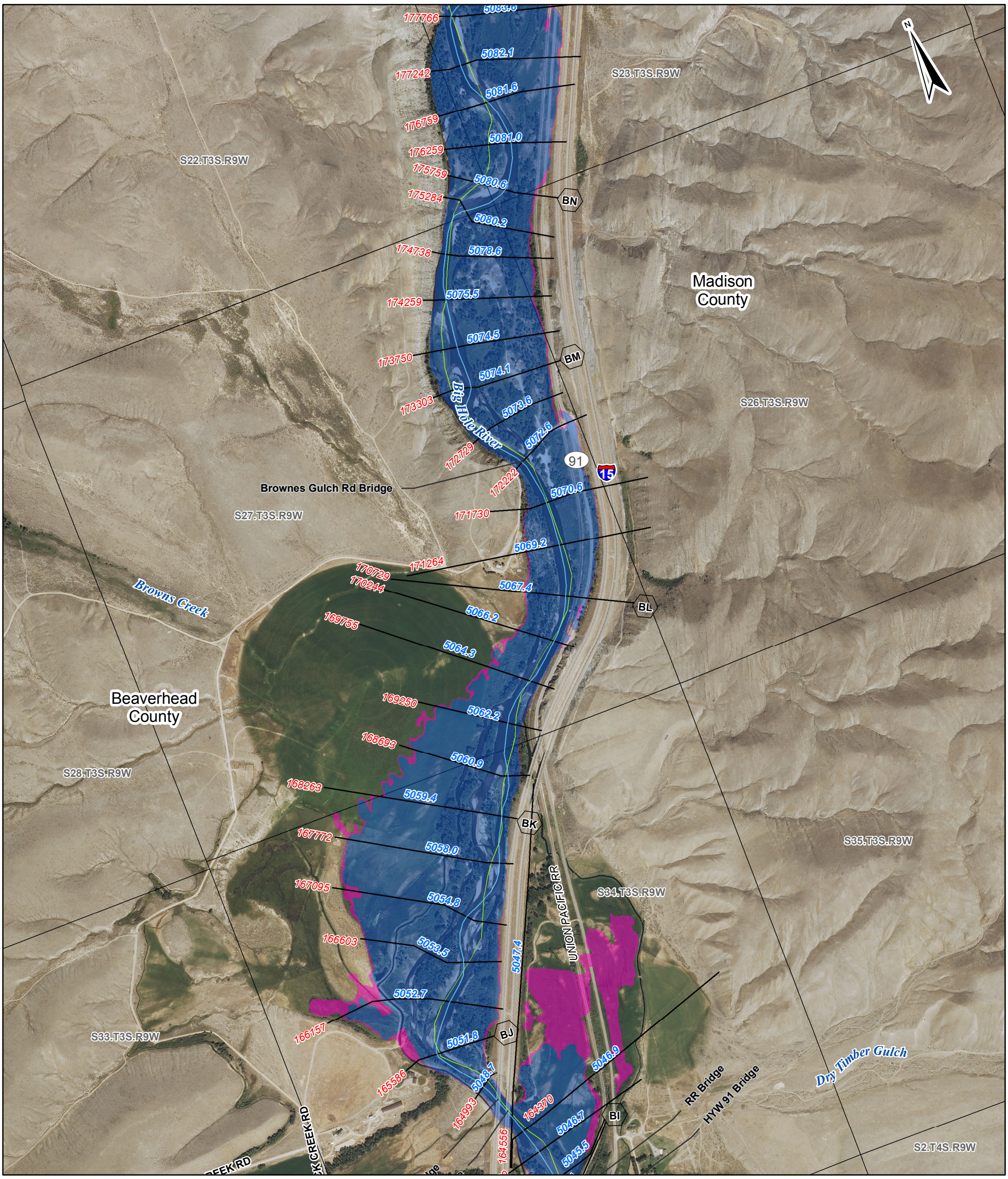

FLOOD HAZARD INFORMATION

PANEL **E16** OF **E20**

SEE REPORT FOR ZONE DESCRIPTIONS

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- Panel Boundary
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SCALE

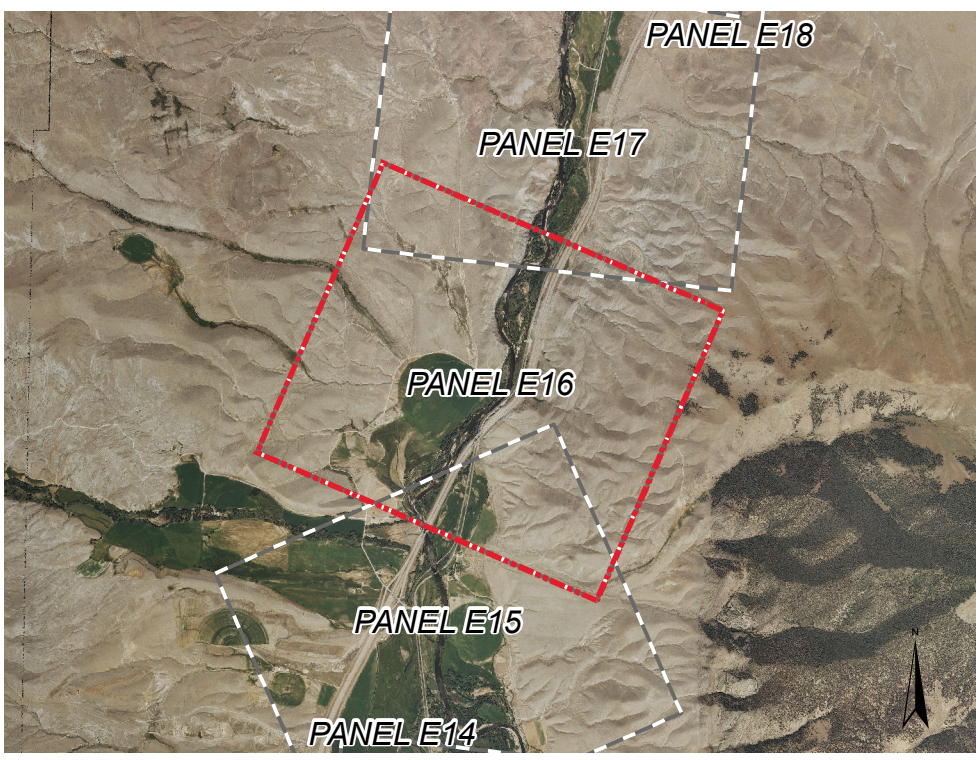
Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

MONTANA DNRC

Montana Department of Environmental Quality

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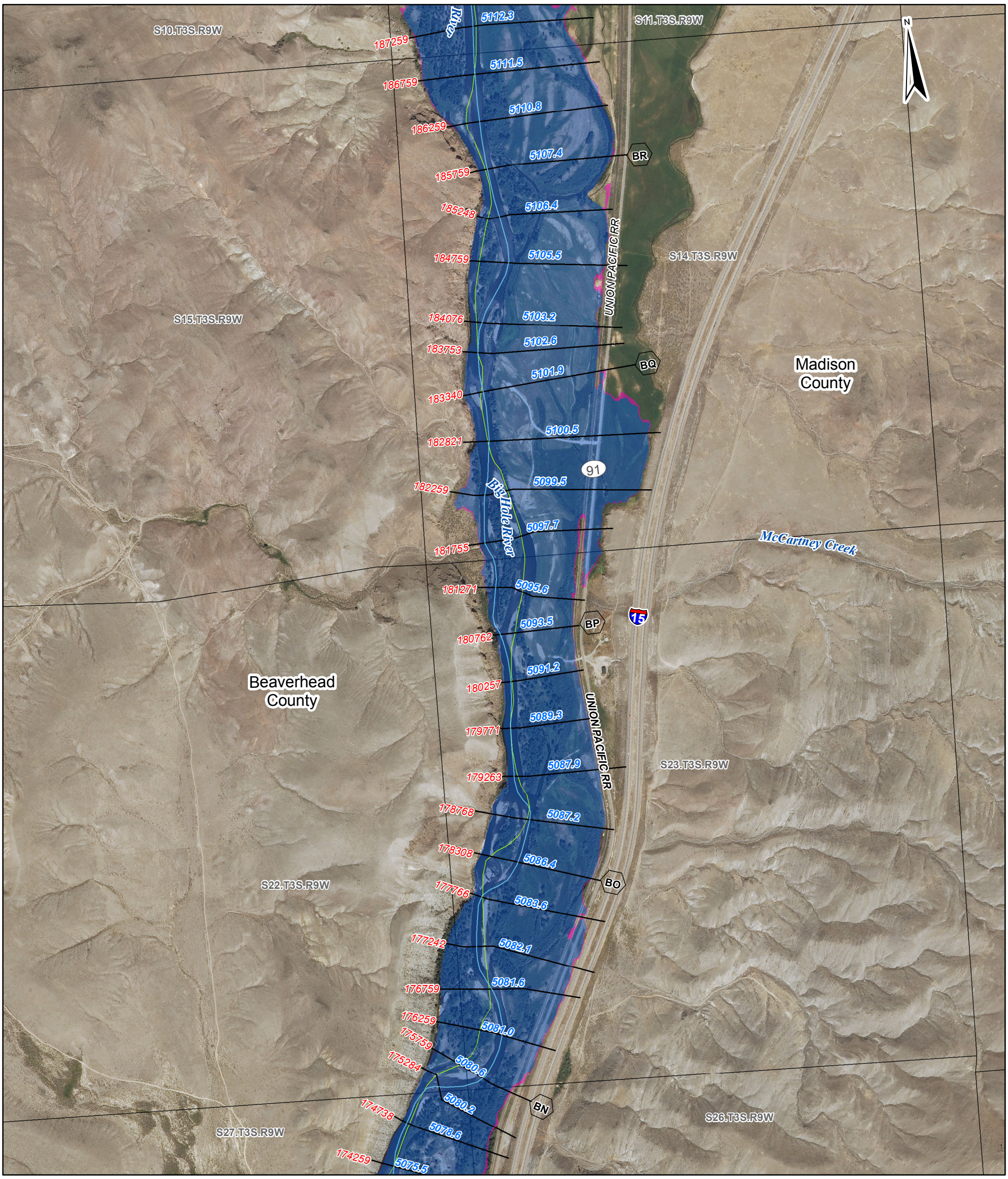

Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E17** OF **E20**

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SCALE

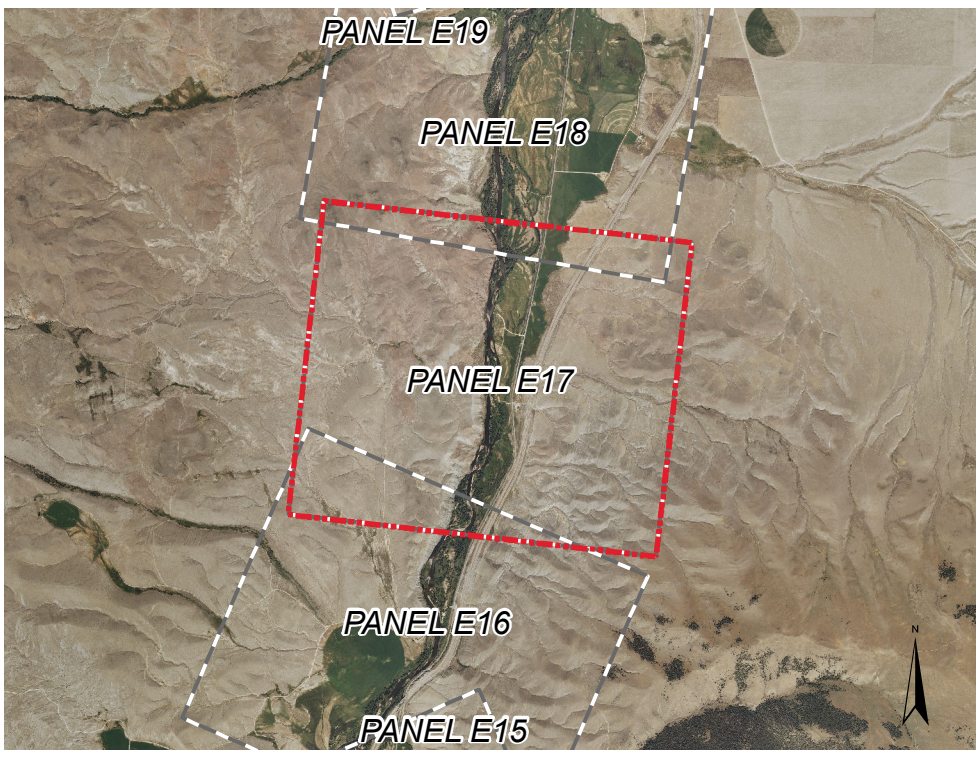
Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



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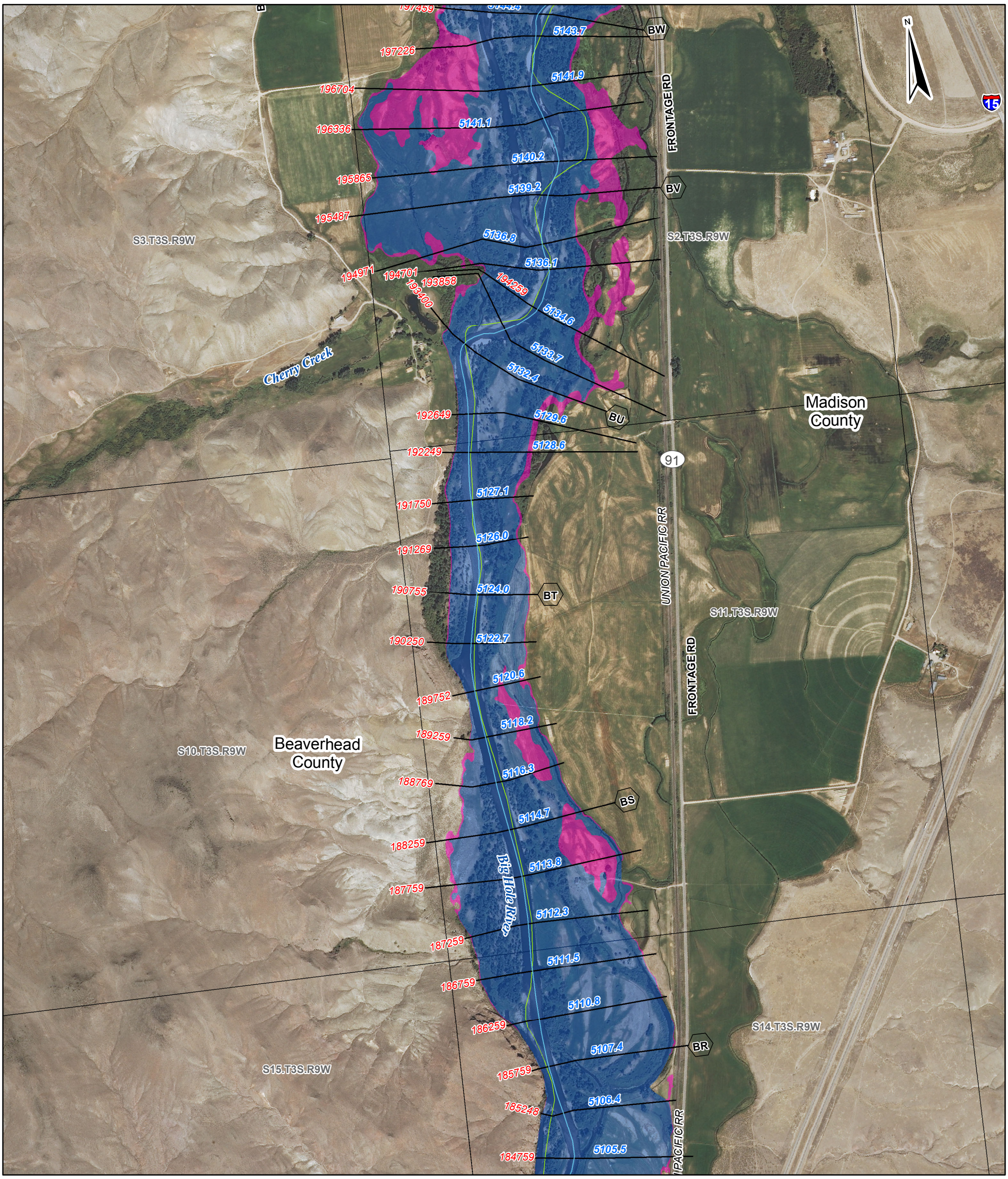

FLOOD HAZARD INFORMATION

PANEL **E18** OF **E20**

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- Profile Baseline
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- Jurisdictional Boundary
- Panel Boundary
- PLSS

SCALE

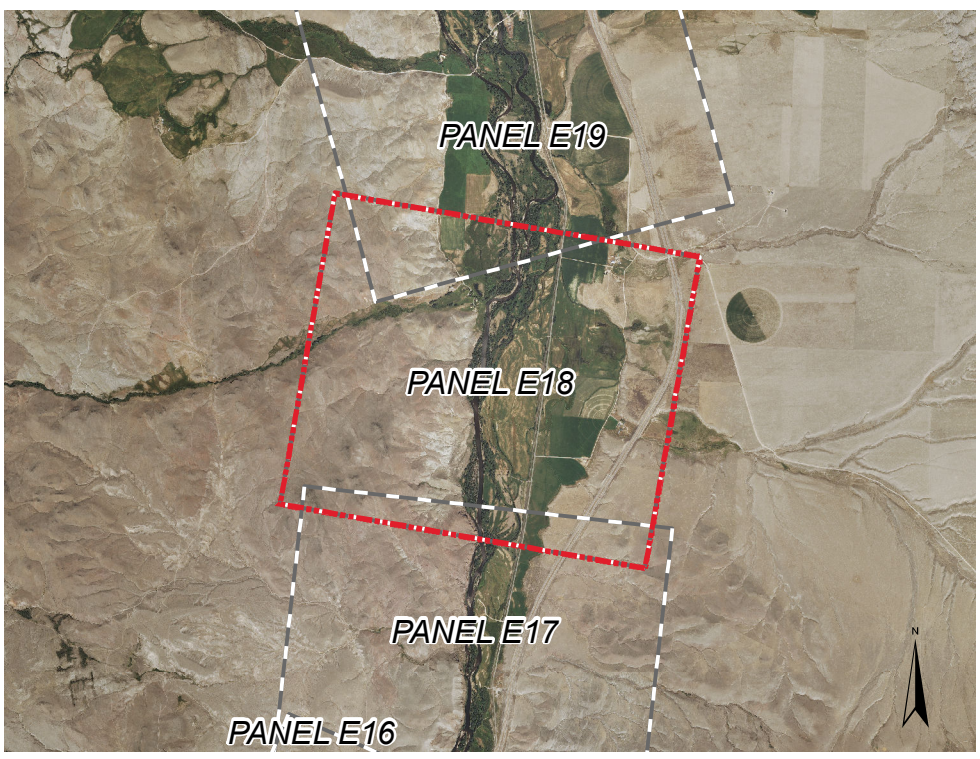
Topographic Data: IFSAR, 2008 Horizontal Datum: NAD83, MT State Plane Intl Feet, Vertical Datum: NAVD88, US Feet
Aerial Photography Data: NAIP 2011

1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



Big Hole River Approximate Level Floodplain Study
-East Reach-

Beaverhead/Madison County, Montana

MONTANA DNRC

Montana Department of Environmental Quality

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AND FUTURE WEST

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VERSION NUMBER 3

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EFFECTIVE ZONE A
EFFECTIVE ZONE AE
EFFECTIVE ZONE AE, FLOODWAY
EFFECTIVE ZONE A
Big Hole River
S27.T2S.R9W
S26.T2S.R9W
FRONTAGE RD
Butte-Silver Bow County
Town of Melrose
EFFECTIVE CROSS SECTIONS
CAMP CREEK RD
Camp Creek
Trapper Creek Rd East Bridge
Limit Of Study
Trapper Creek
Trapper Creek Rd West Bridge
TRAPPER CREEK RD
S34.T2S.R9W
UNION PACIFIC RR
Beaverhead County
Madison County
S35.T2S.R9W
BIG HOLE RANCH RD
S36.T2S.R9W
S3.T3S.R9W
S2.T3S.R9W
S1.T3S.R9W
Cherry Creek
A
B
BZ
BY
BX
BW
BV
5166.6
5163.3
5160.0
5158.5
5156.4
5154.7
5153.7
5152.4
5150.3
5147.8
5146.7
5145.6
5144.4
5143.7
5141.9
5141.1
5140.2
5139.2
5136.8
5136.1
204833
203623
202446
201743
201259
200746
200282
199994
199750
199341
198759
198078
197459
197226
196704
196336
195865
195487
194971
194701
193856
193400
194259

Big Hole River Approximate Level Floodplain Study -East Reach-

Beaverhead/Madison/Butte-Silver Bow County, Montana

FLOOD HAZARD INFORMATION

PANEL E19 OF E20

SEE REPORT FOR ZONE DESCRIPTIONS

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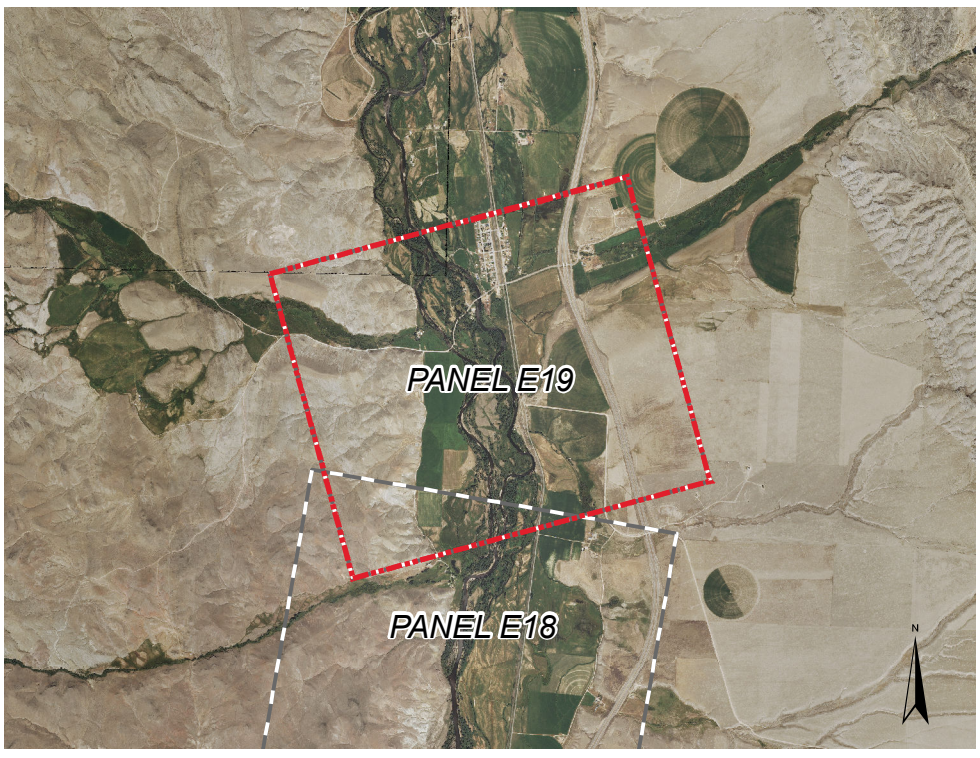
1:12,000 1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 100 200 400 600 Meters

PANEL LOCATOR



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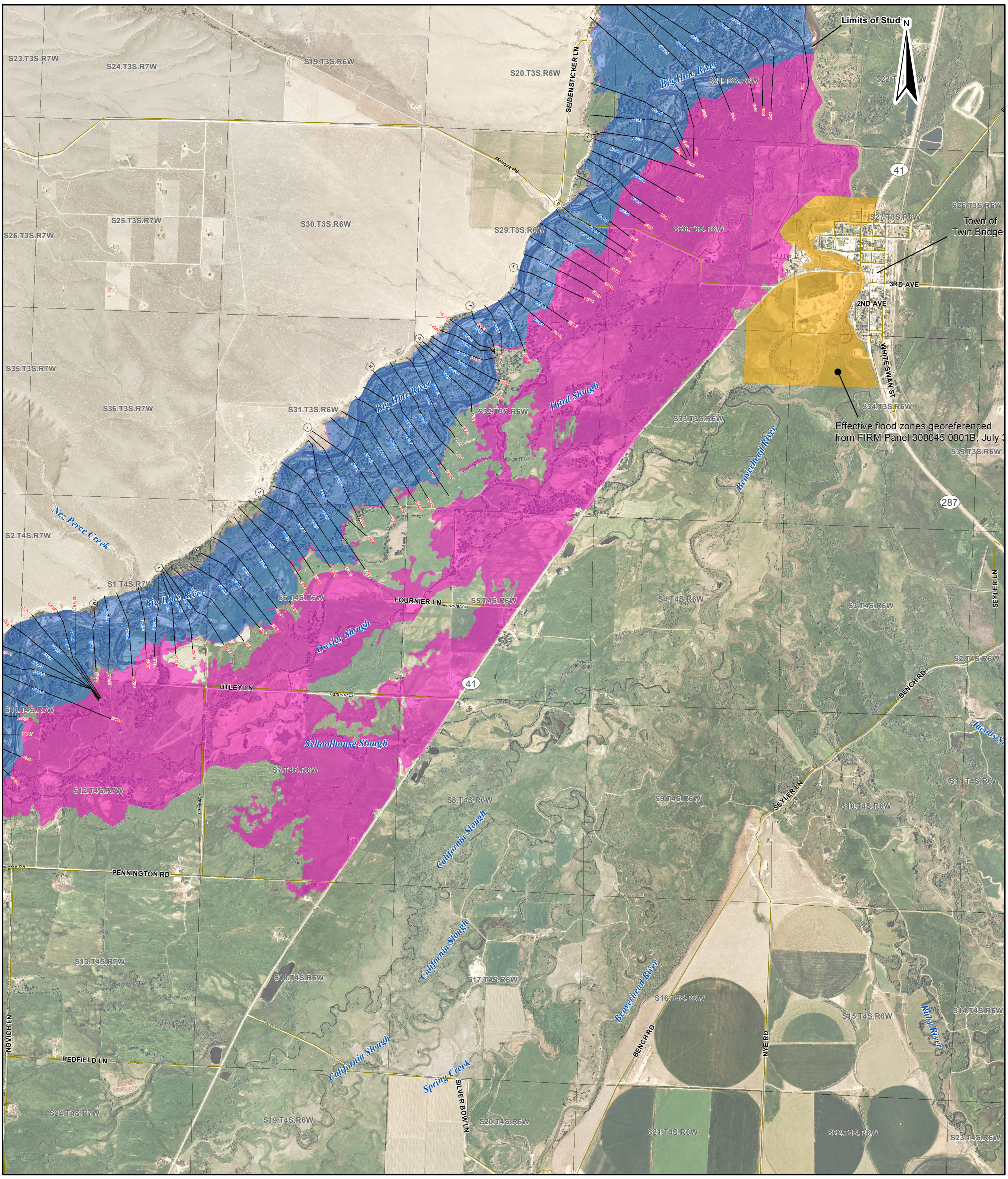

Big Hole River Approximate Level Floodplain Study
-East Reach-

Madison County, Montana

FLOOD HAZARD INFORMATION

PANEL **E20** OF **E20**

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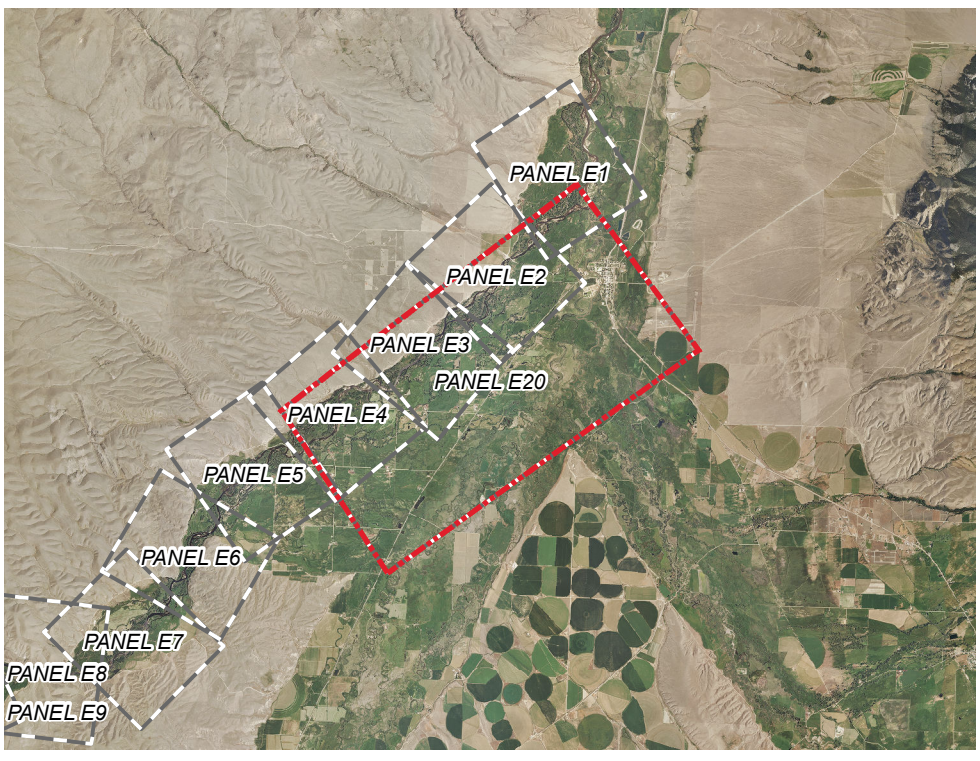
Aerial Photography Data: NAIP 2011

1:36,000 1 inch = 3,000 feet

0 1,350 2,700 5,400 Feet

0 360 720 1,440 Meters

PANEL LOCATOR



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