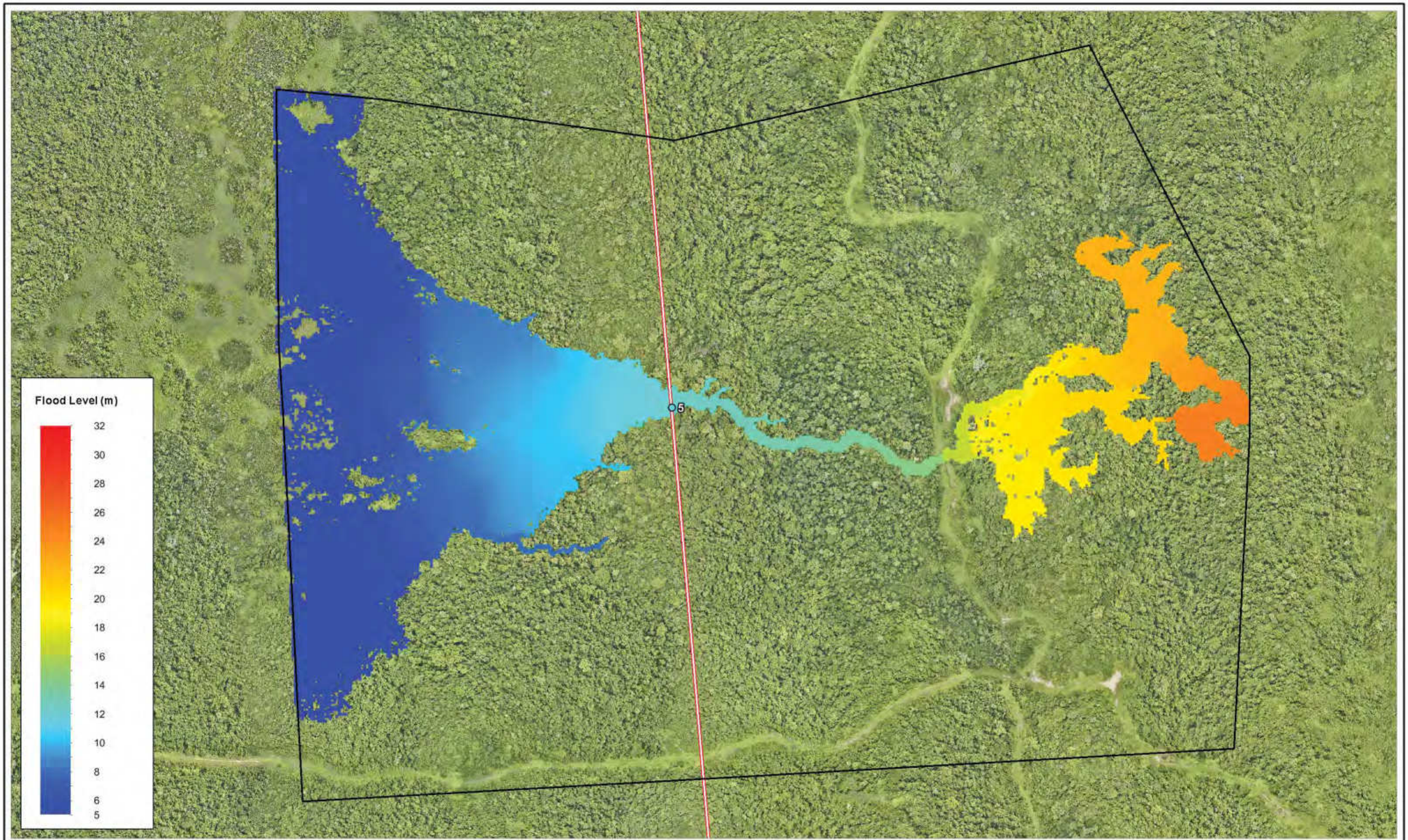




LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S18 Flood Levels - 50 year event

Figure: D-87

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

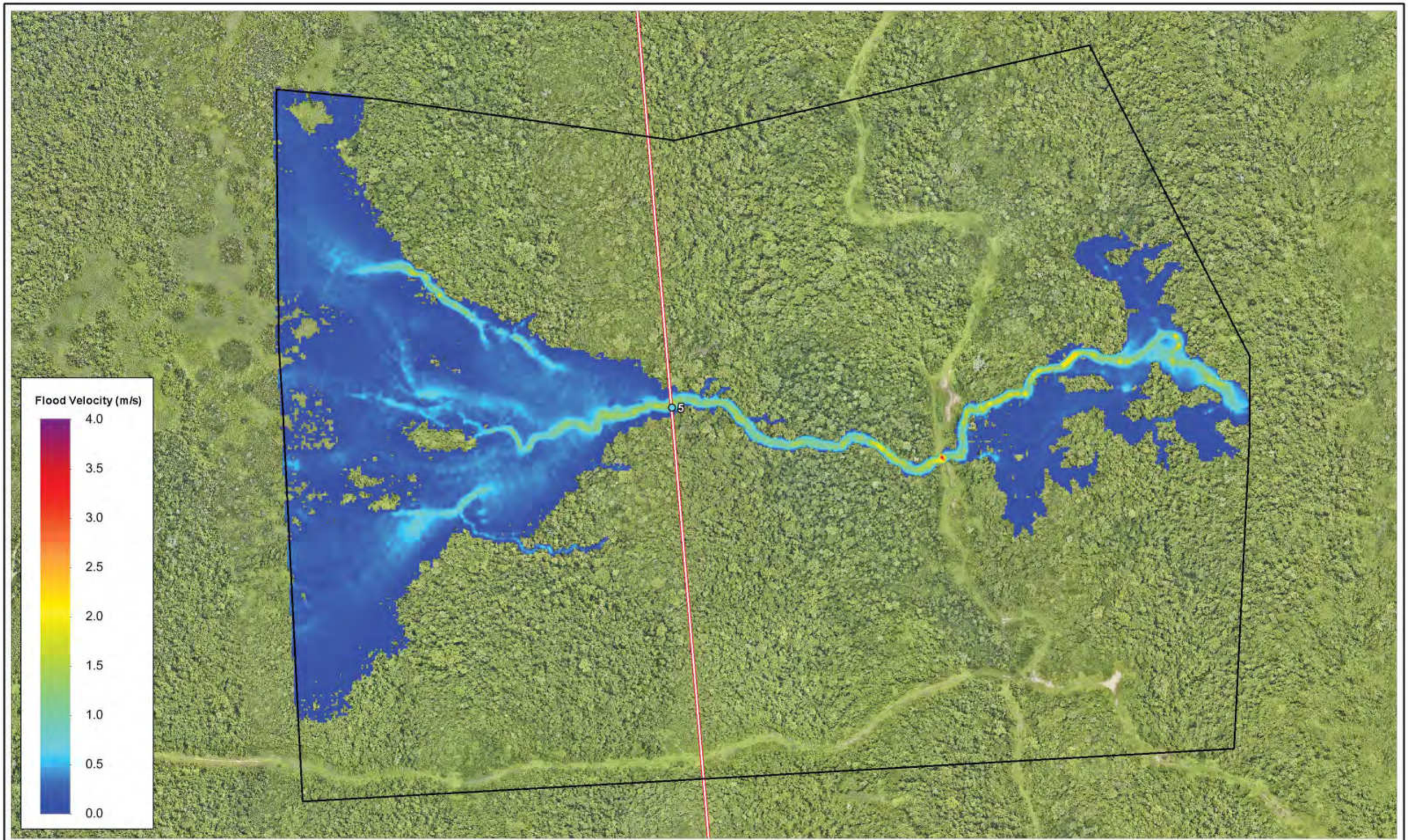
0 200 400m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_093_170317_S18_h_50y.wor



LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S18 Flood Velocity - 50 year event

Figure: D-88

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

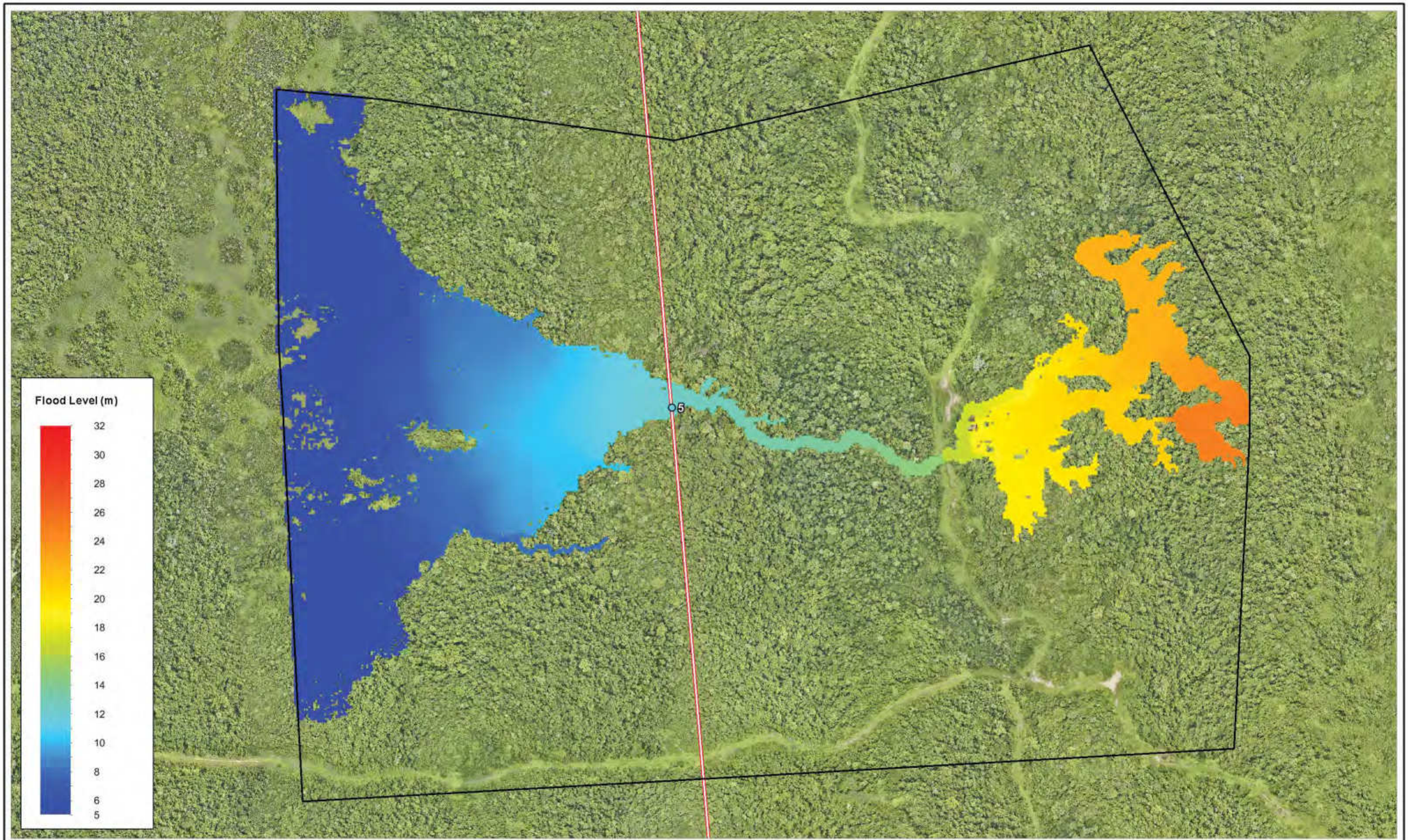
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0 200 400m

Approx. Scale

BMT WBM
www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_094_170317_S18_v_50y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S18 Flood Levels - 100 year event

Figure: D-89

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

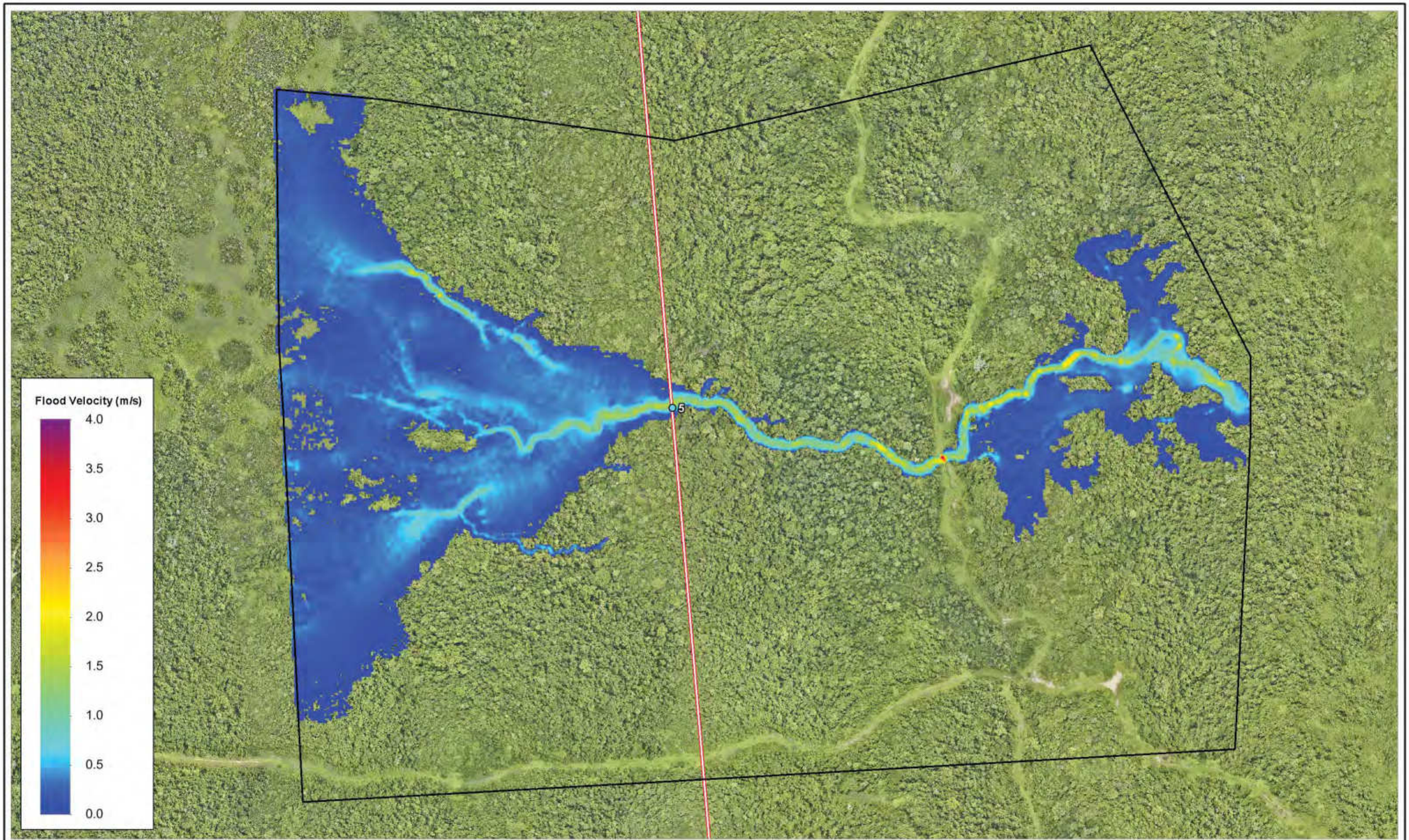
0 200 400m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_095_170317_S18_h_100y.wor



LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S18 Flood Velocity - 100 year event

Figure: D-90

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

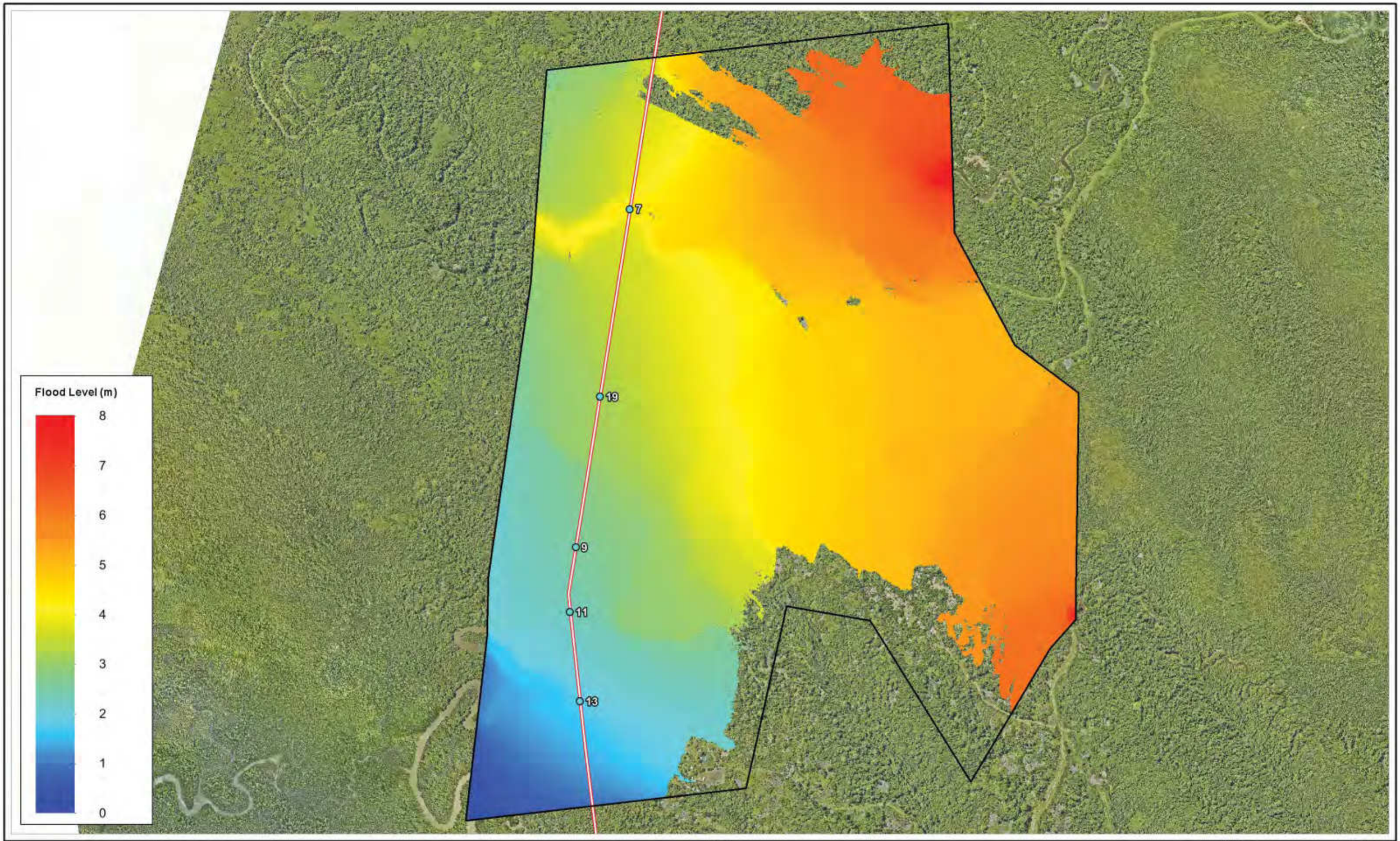
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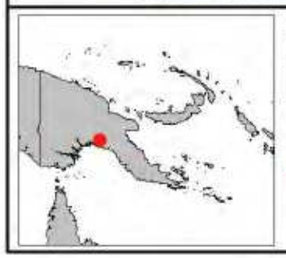
0 200 400m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_096_170317_S18_v_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S20 Flood Levels - 10 year event

Figure: D-91

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

0 500 1,000m

Approx. Scale

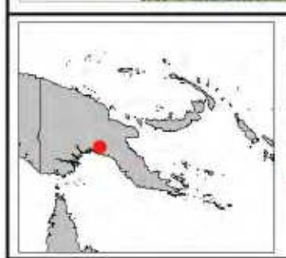
BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_097_170317_S20_h_10y.wor

Flood Velocity (m/s)

4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0

7
19
9
11
13



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:
Model S20 Flood Velocity - 10 year event

Figure: D-92

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

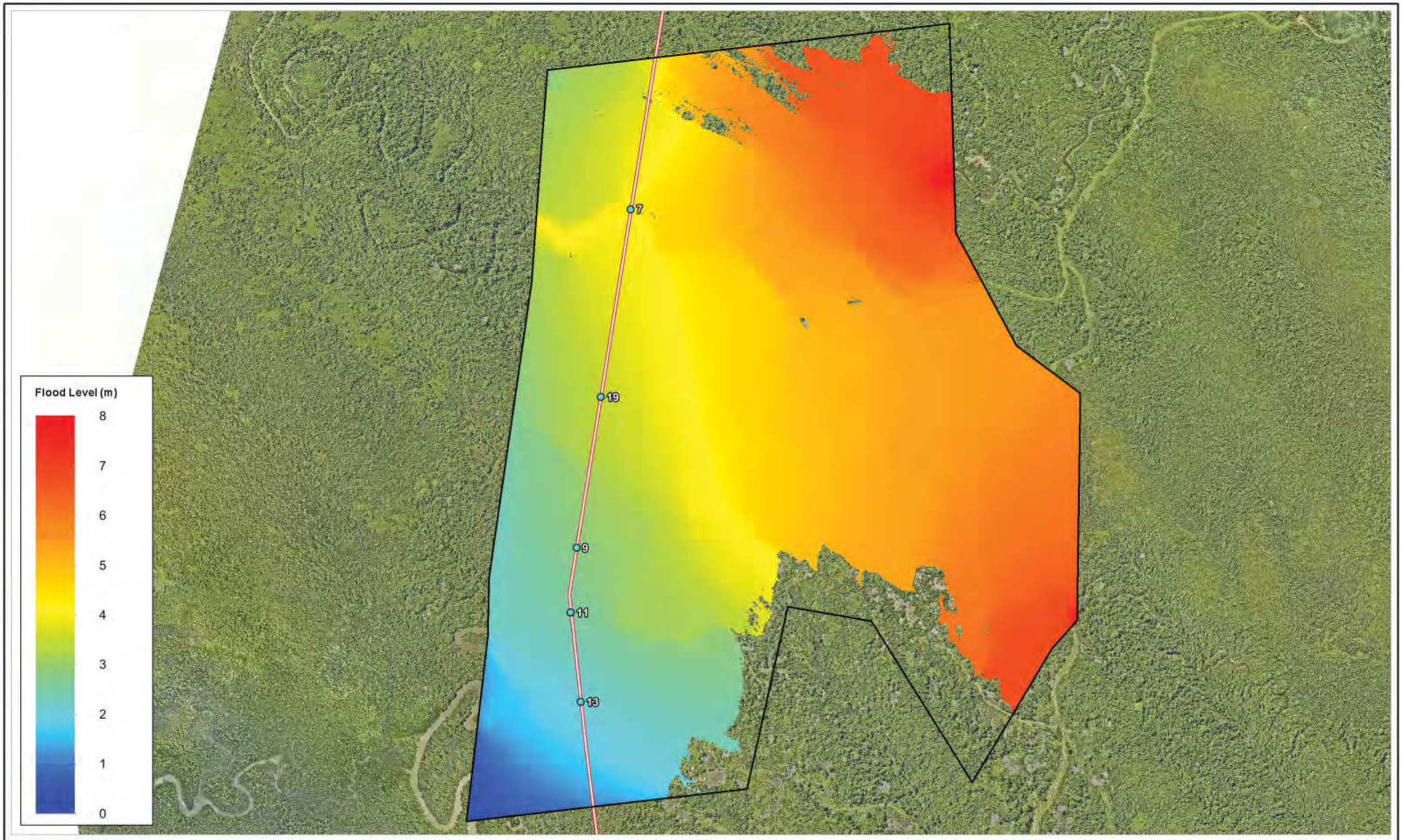
N

0 500 1,000m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_098_170317_S20_v_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S20 Flood Levels - 50 year event

Figure: D-93

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

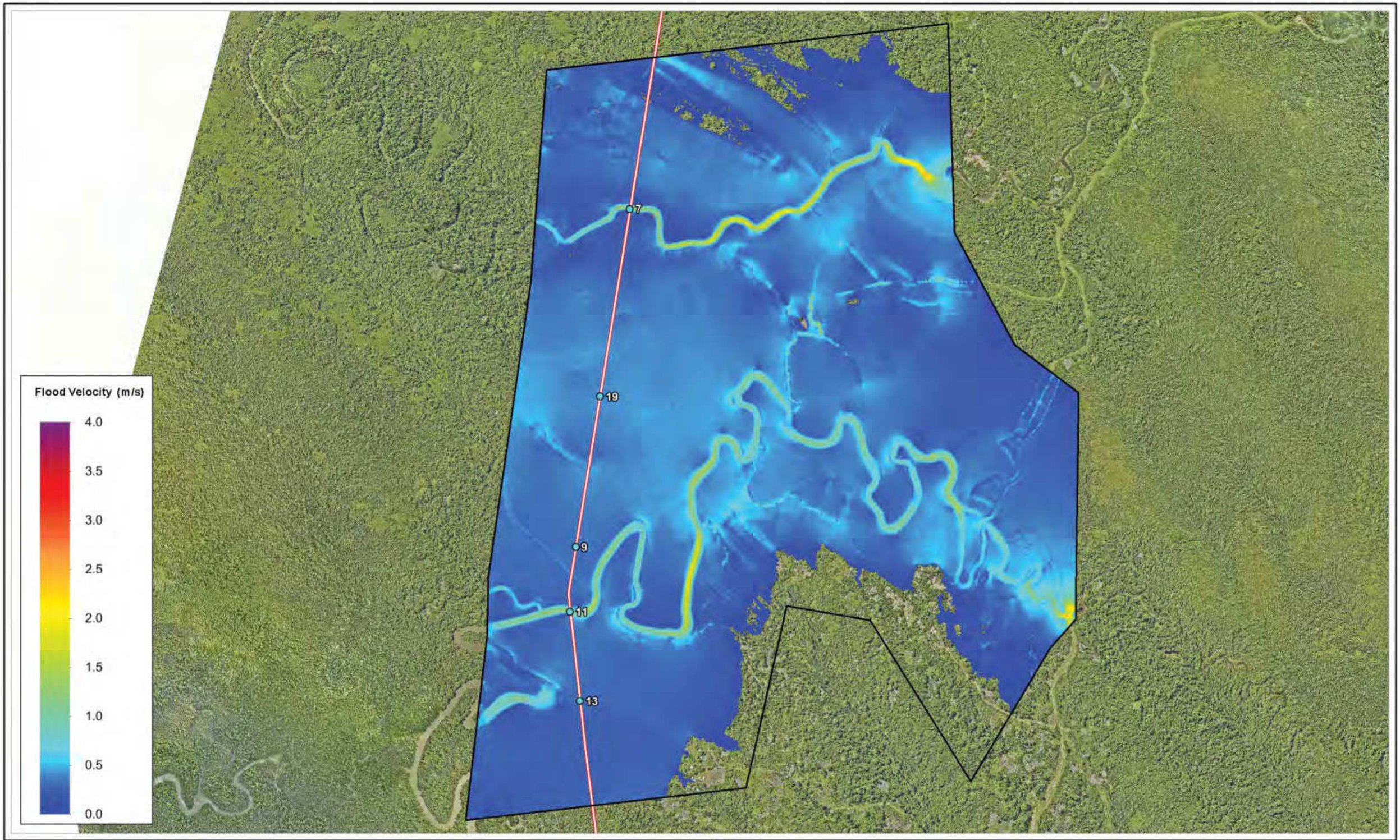
0 500 1,000m

Approx. Scale

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_099_170317_S20_h_50y.wor



LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S20 Flood Velocity - 50 year event

Figure: D-94

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

0 500 1,000m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_100_170317_S20_v_50y.wor

Flood Level (m)

8
7
6
5
4
3
2
1
0

7
19
9
11
13

LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:
Model S20 Flood Levels - 100 year event

Figure: D-95

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

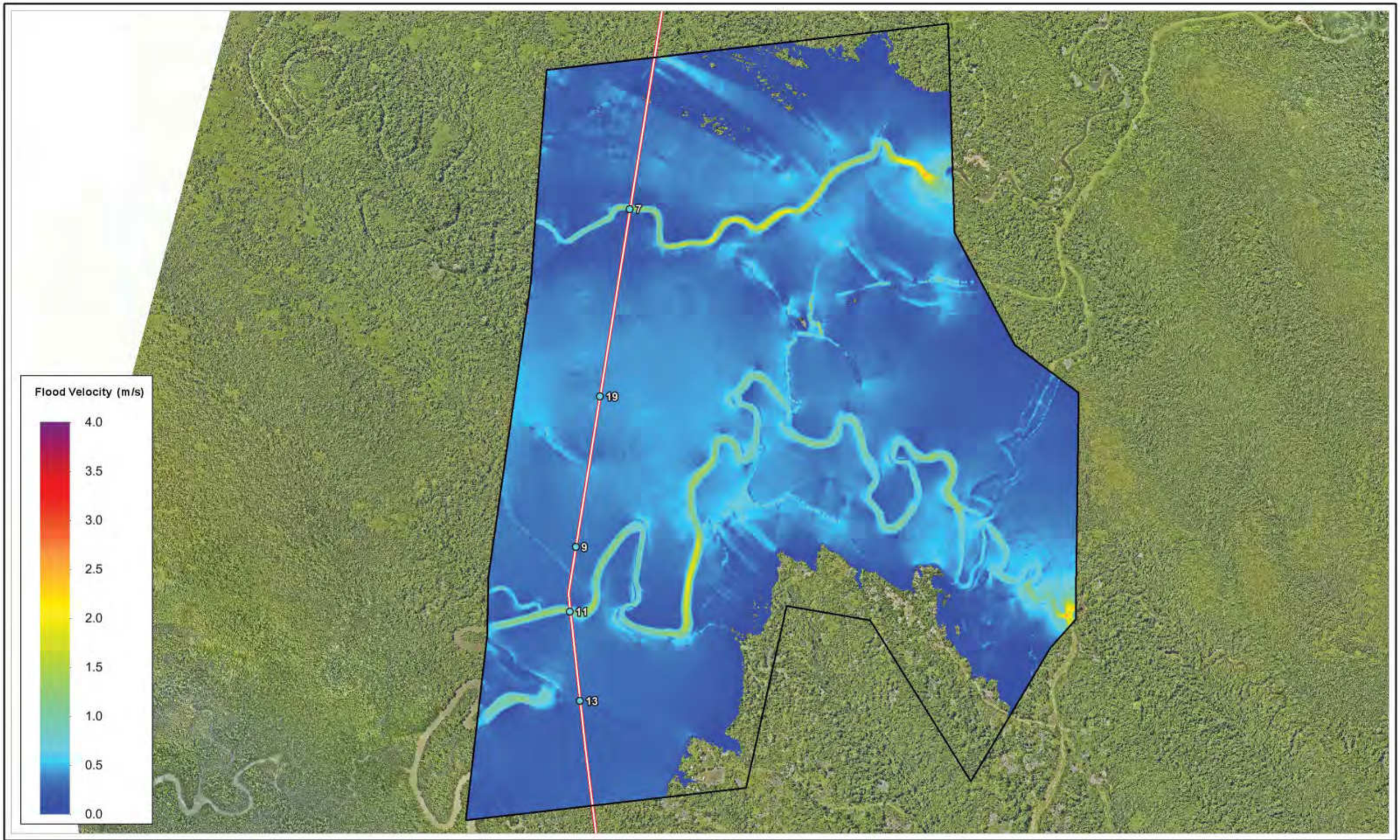
N

0 500 1,000m

Approx. Scale

BMT WBM
www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_101_170317_S20_h_100y.wor



LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S20 Flood Velocity - 100 year event

Figure: D-96

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

0 500 1,000m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_102_170317_S20_v_100y.wor

Flood Depth (m)
>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

8
10
6
7
11
12

LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:
Model S1 Flood Depth - 10 year event

Figure: D-97

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

0 250 500m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_103_170718_S1_d_10y.wor

Flood Depth (m)
>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

8
10
6
7
11
12

LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:
Model S1 Flood Depth - 50 year event

Figure: D-98

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

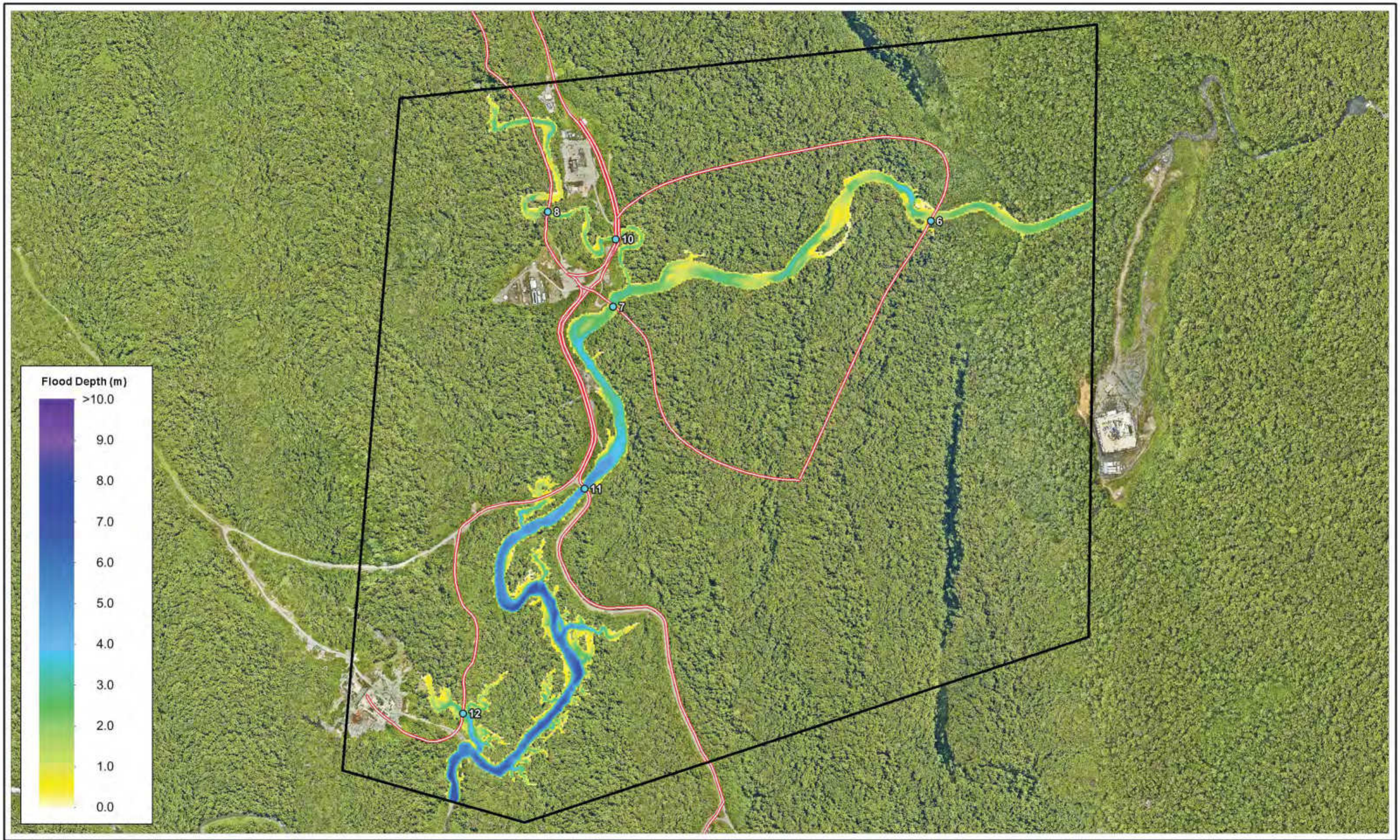
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0 250 500m

Approx. Scale

BMT WBM
www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_104_170718_S1_d_50y.wor



LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S1 Flood Depth - 100 year event

Figure: D-99

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

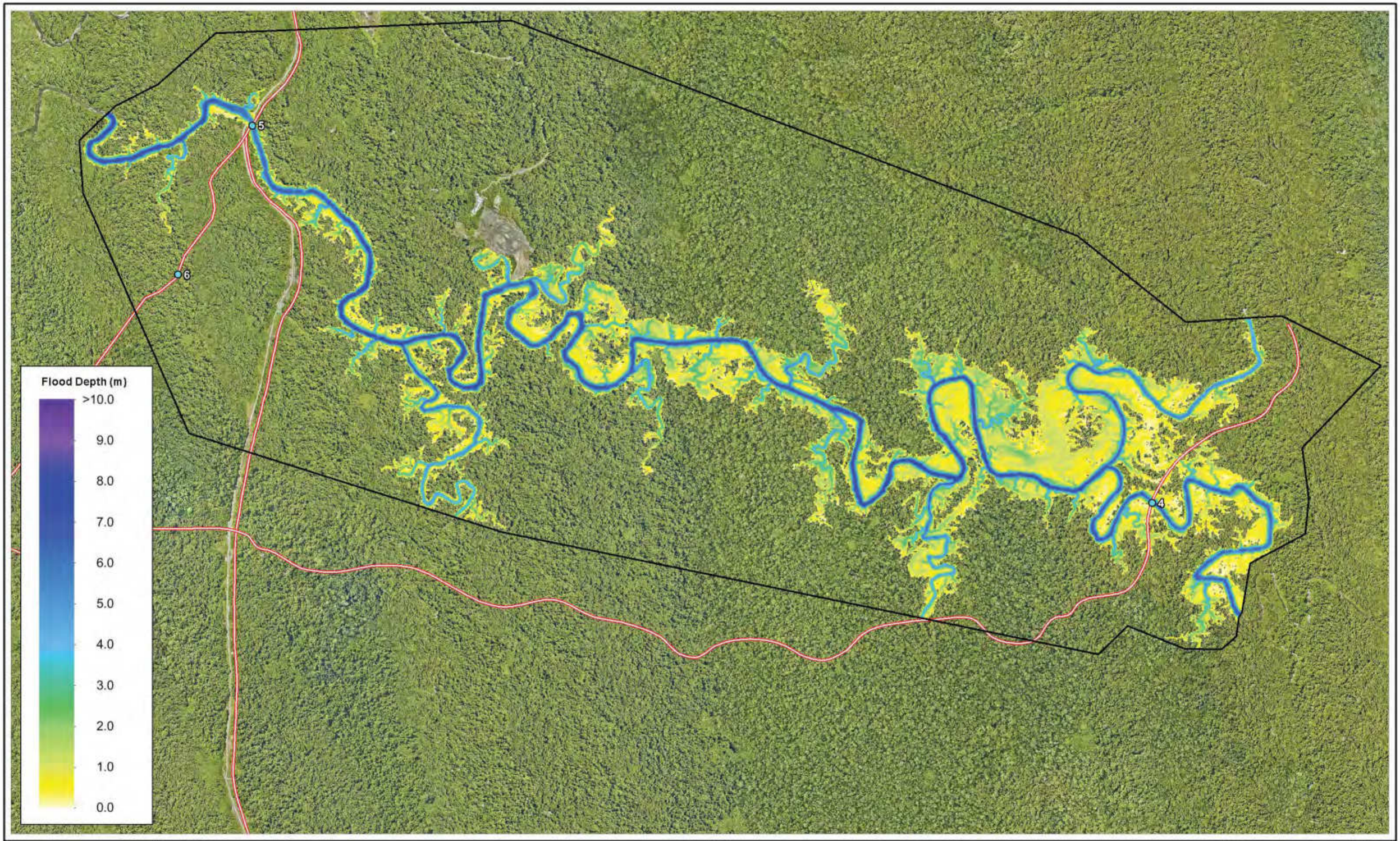
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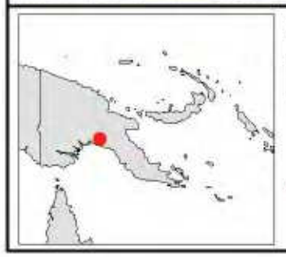
0 250 500m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_105_170718_S1_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S2 Flood Depth - 10 year event

Figure: D-100

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

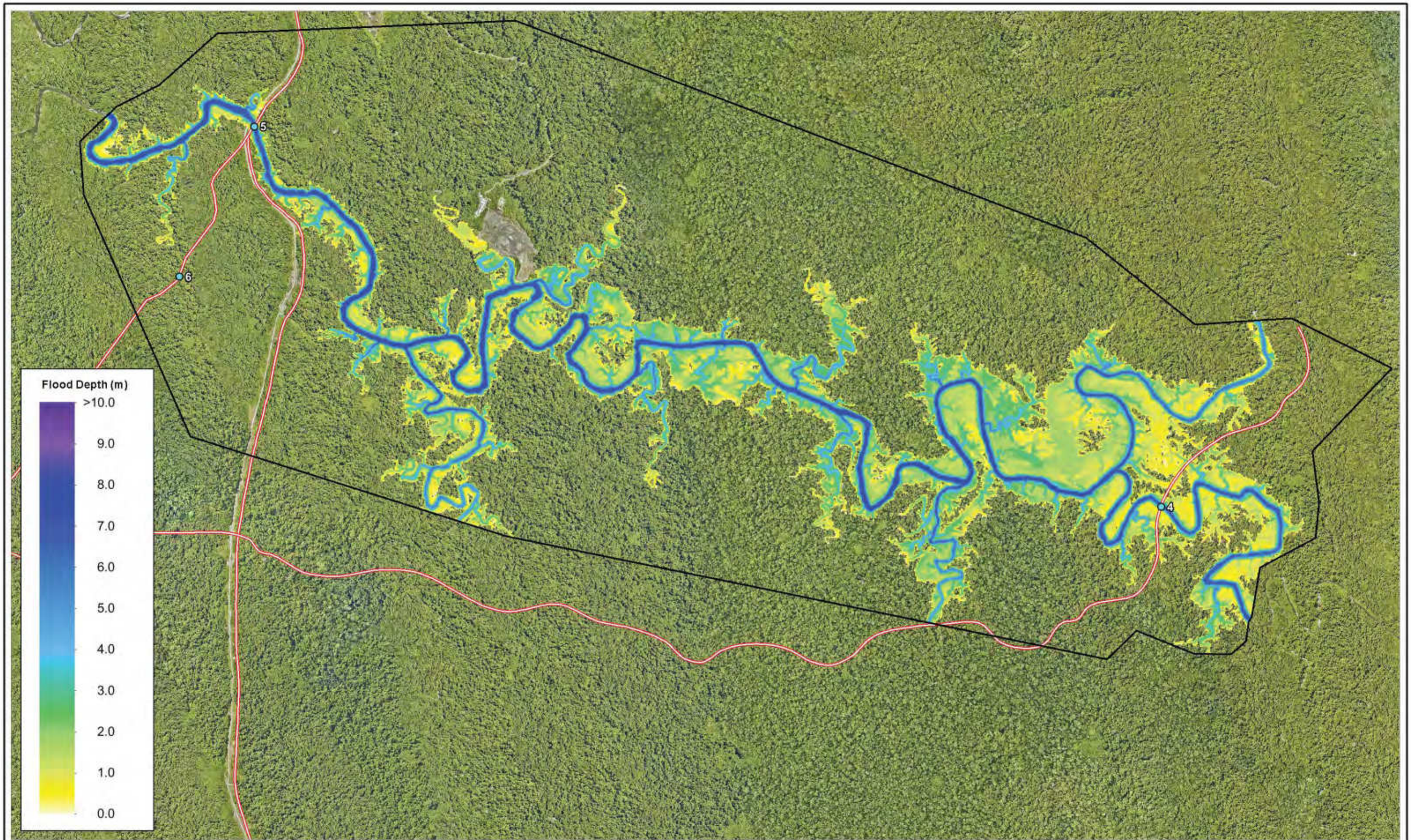
0 250 500m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_106_170718_S2_d_10y.wor





LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:

Model S2 Flood Depth - 50 year event

Figure: D-101

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

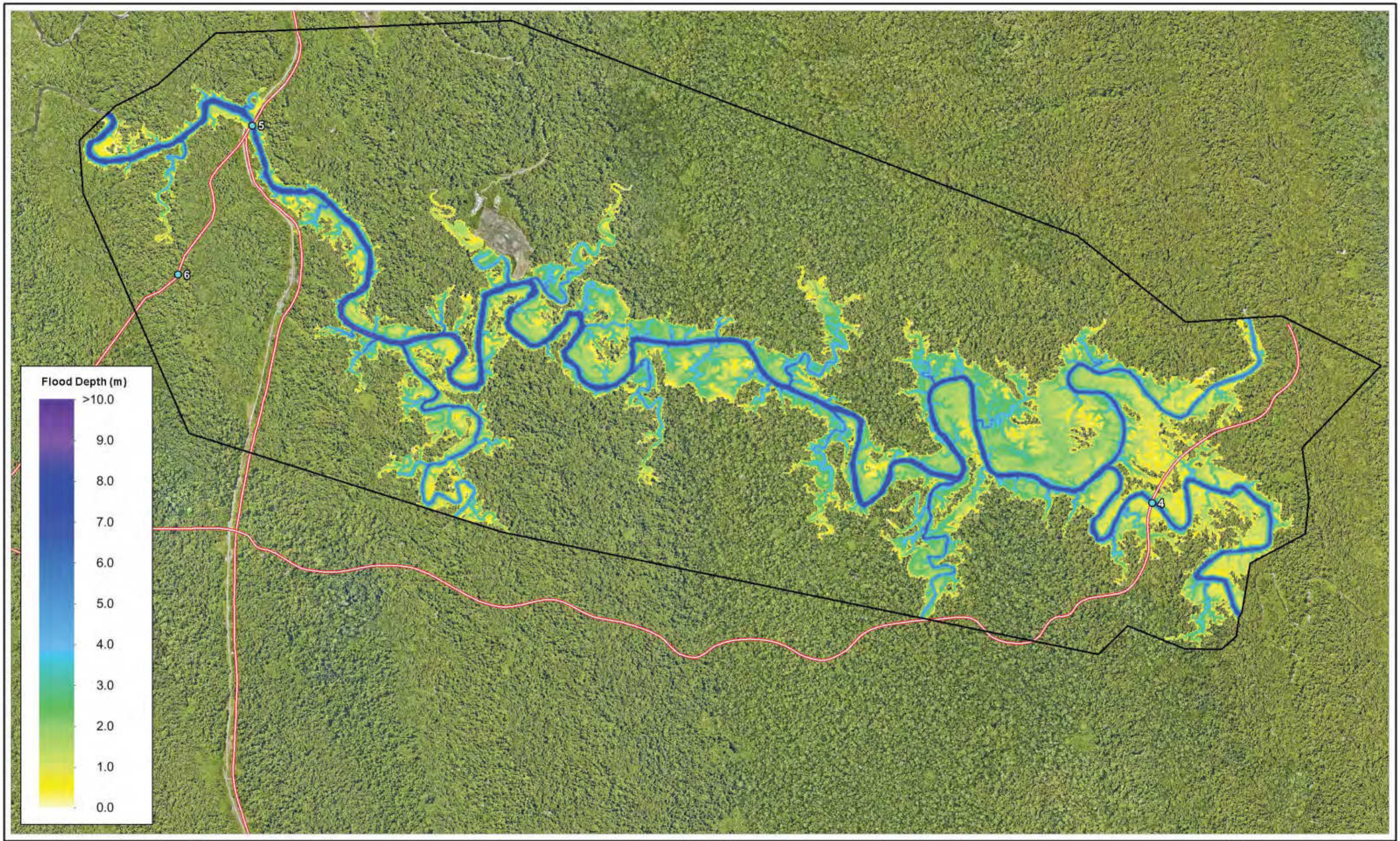
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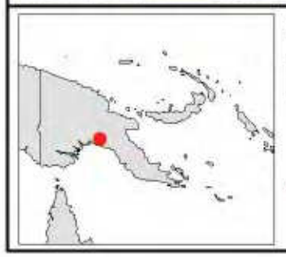
Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_107_170718_S2_d_50y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S2 Flood Depth - 100 year event

Figure: D-102

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

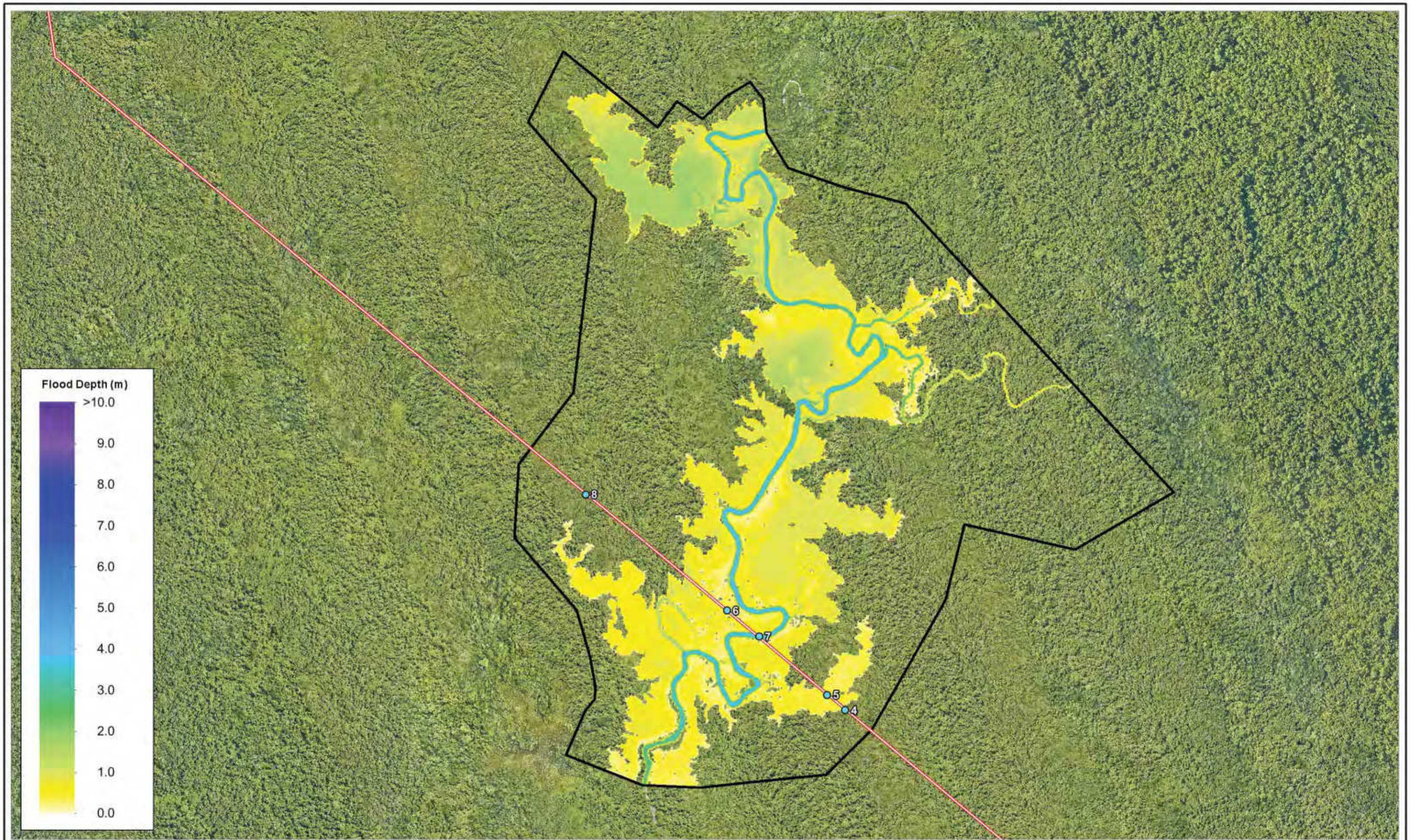
0 250 500m

Approx. Scale

BMT WBM

www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_108_170718_S2_d_100y.wor





LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:

Model S4 Flood Depth - 10 year event

Figure: D-103

Rev: A

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N

0 250 500m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_109_170718_S4_d_10y.wor

Flood Depth (m)

>10.0

9.0

8.0

7.0

6.0

5.0

4.0

3.0

2.0

1.0

0.0

8

6

7

5

4



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:

Model S4 Flood Depth - 50 year event

Figure: D-104

Rev: A

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N

0 250 500m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_110_170718_S4_d_50y.wor

Flood Depth (m)

>10.0

9.0

8.0

7.0

6.0

5.0

4.0

3.0

2.0

1.0

0.0

8

6

7

5

4



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:

Model S4 Flood Depth - 100 year event

Figure: D-105

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

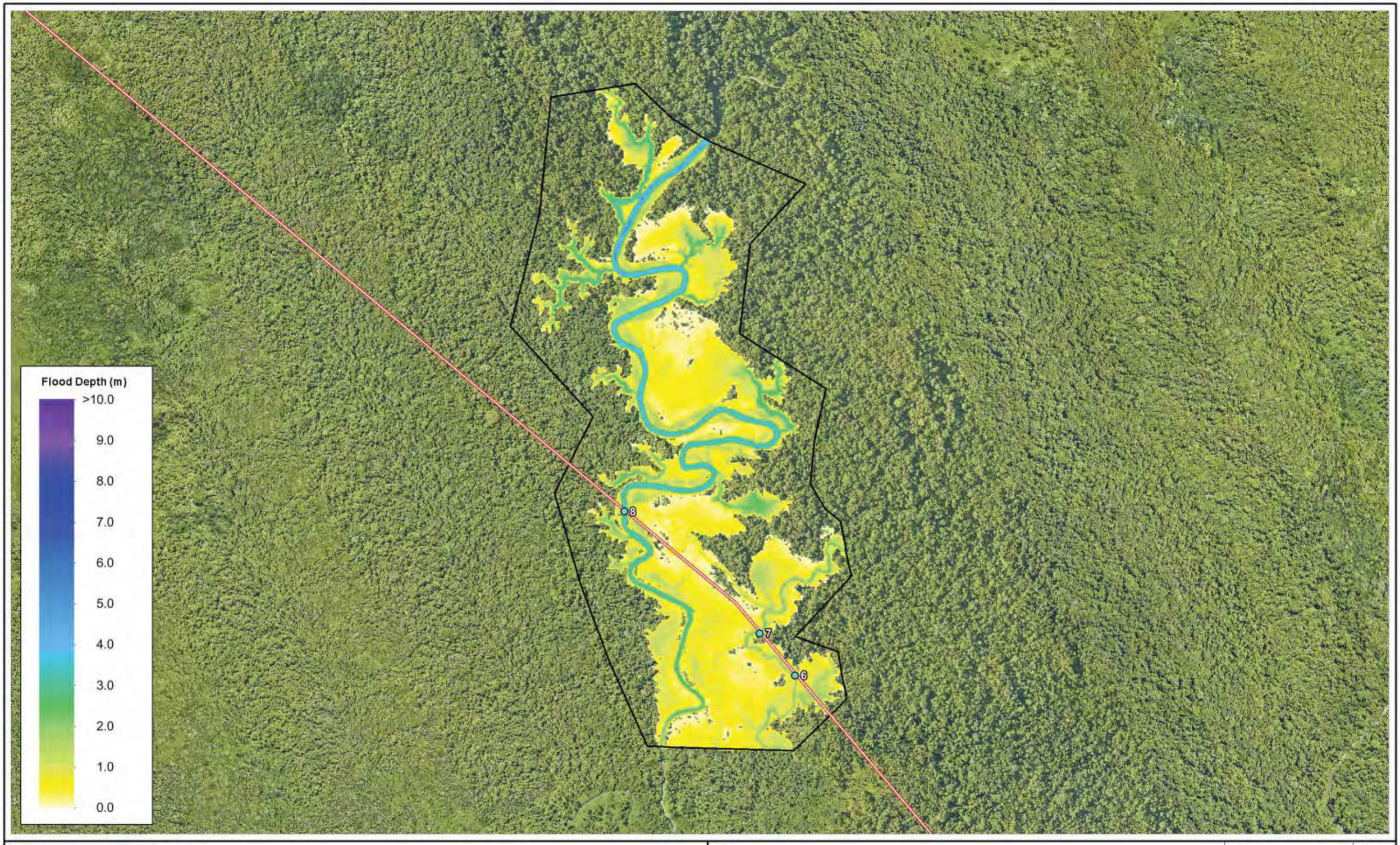
0 250 500m

Approx. Scale

BMT WBM

www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_111_170718_S4_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S5 Flood Depth - 10 year event

Figure: D-106

Rev: A

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N

0 250 500m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_112_170718_S5_d_10y.wor

Flood Depth (m)
>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

8
7
6



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:
Model S5 Flood Depth - 50 year event

Figure: D-107

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

0 250 500m

Approx. Scale

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_113_170718_S5_d_50y.wor

Flood Depth (m)
>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

8
7
6



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:
Model S5 Flood Depth - 100 year event

Figure: D-108

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

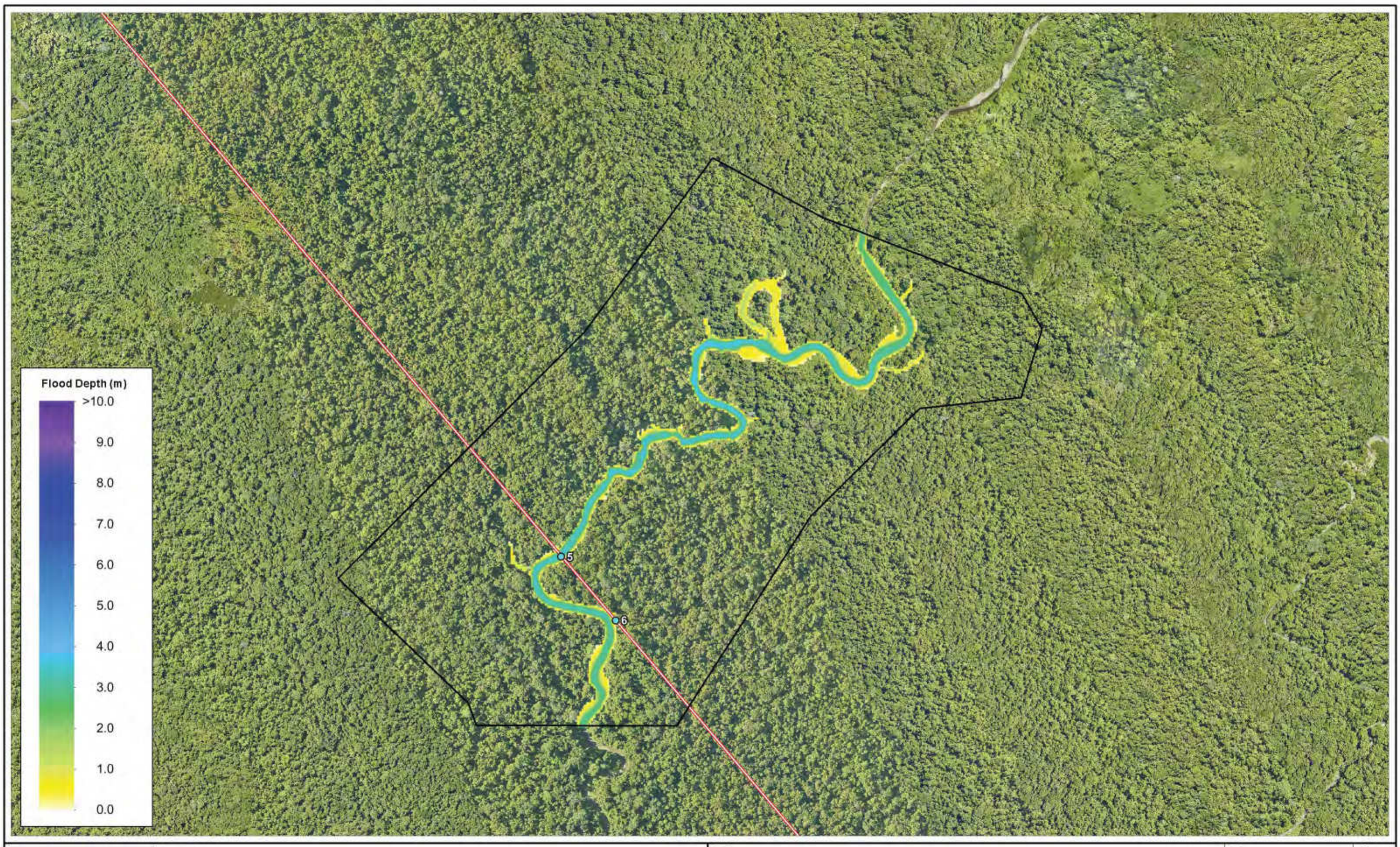
N

0 250 500m

Approx. Scale

BMT WBM
www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_114_170718_S5_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S6 Flood Depth - 10 year event

Figure: D-109

Rev: A

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N

0 200 400m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_115_170718_S6_d_10y.wor

Flood Depth (m)

>10.0

9.0

8.0

7.0

6.0

5.0

4.0

3.0

2.0

1.0

0.0

5

6



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:

Model S6 Flood Depth - 50 year event

Figure: D-110

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

N

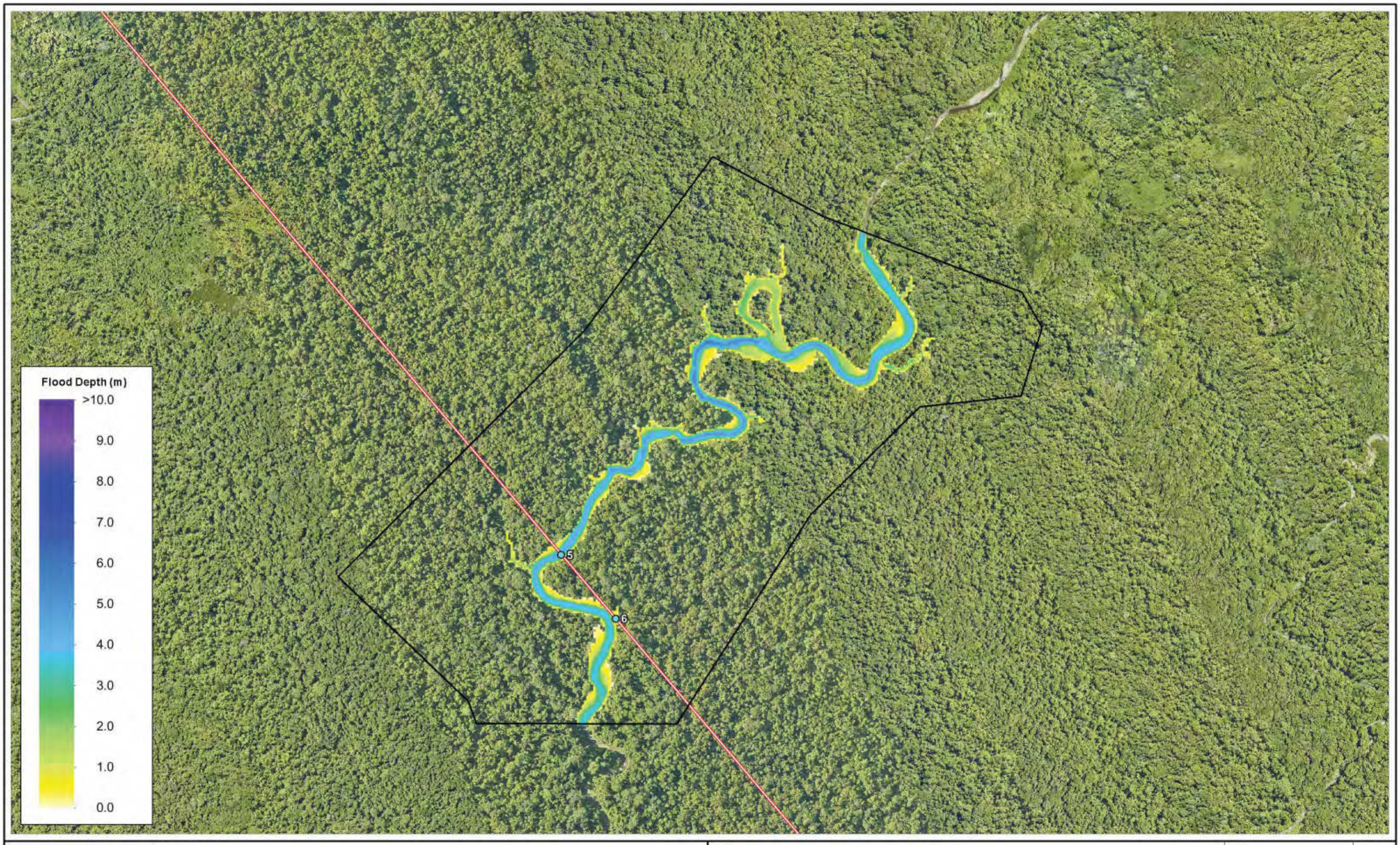
0 200 400m

Approx. Scale

BMT WBM

www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_116_170718_S6_d_50y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S6 Flood Depth - 100 year event

Figure: D-111

Rev: A

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N

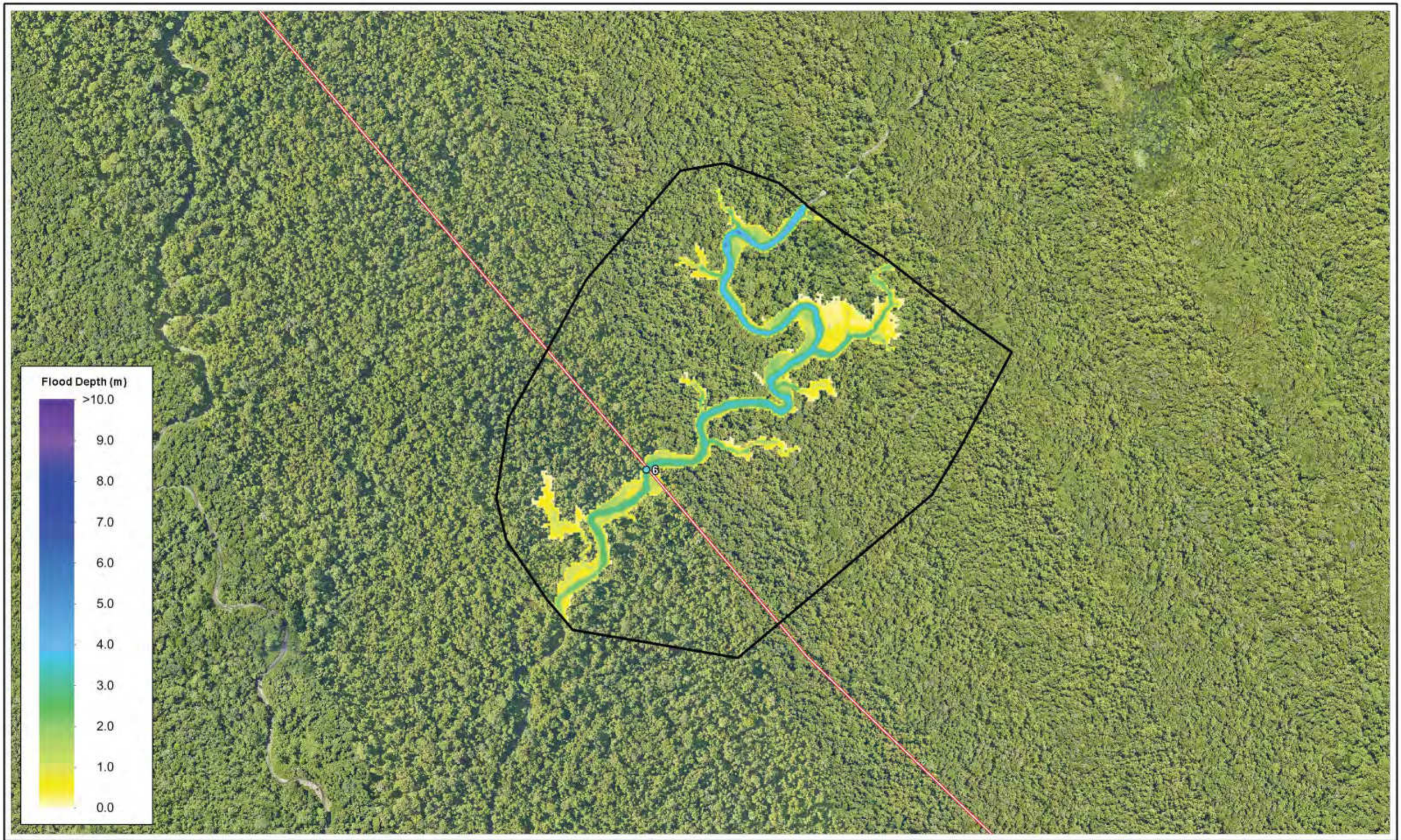
0 200 400m

Approx. Scale

BMT WBM

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LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S7 Flood Depth - 10 year event

Figure: D-112

Rev: A

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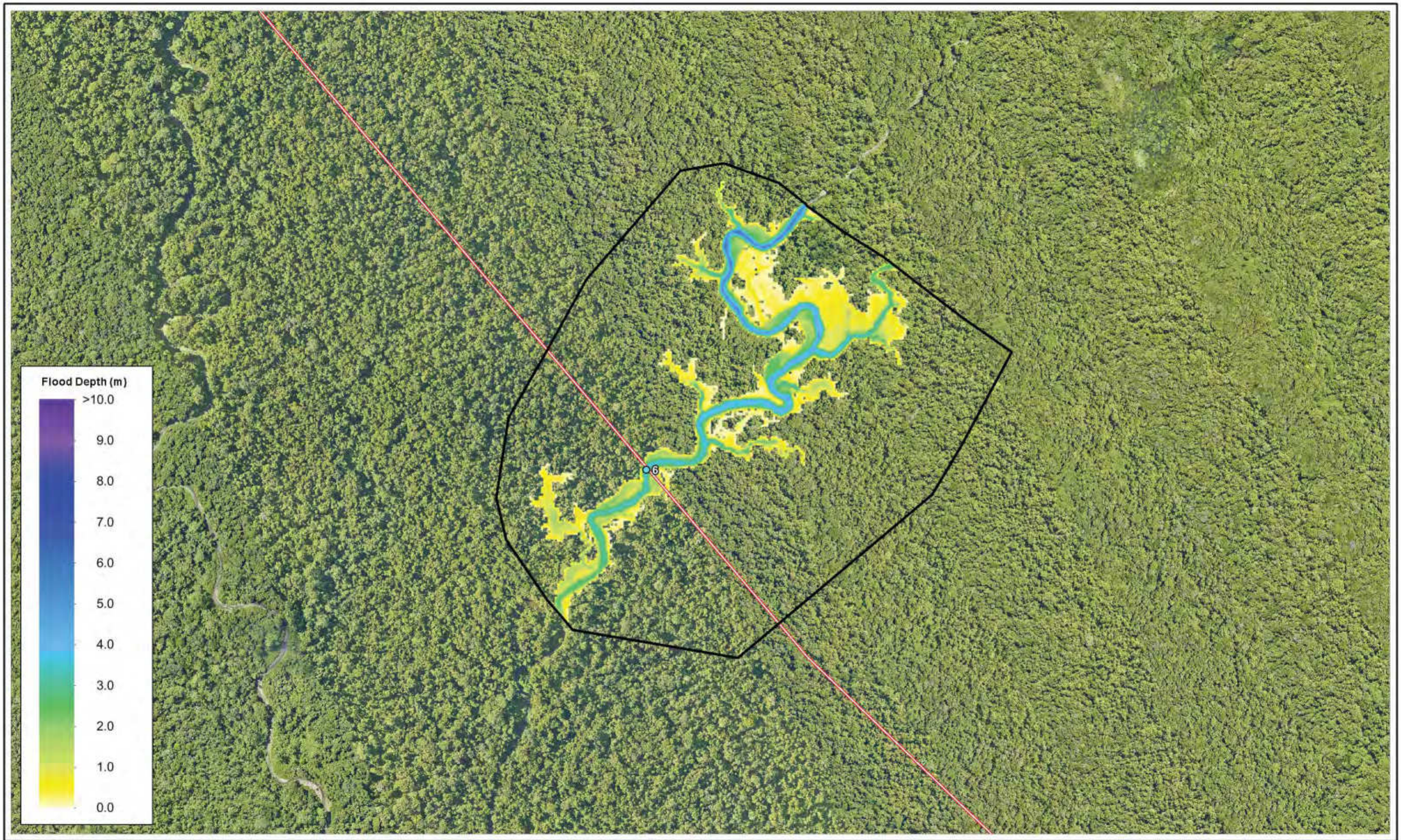
N

0 200 400m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_118_170718_S7_d_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S7 Flood Depth - 50 year event

Figure: D-113

Rev: A

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N

0 200 400m

Approx. Scale

BMT WBM
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Flood Depth (m)

>10.0

9.0

8.0

7.0

6.0

5.0

4.0

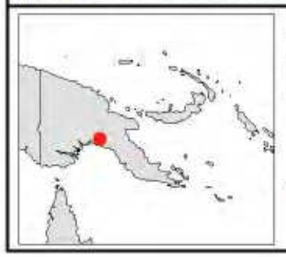
3.0

2.0

1.0

0.0

6



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:

Model S7 Flood Depth - 100 year event

Figure: D-114

Rev: A

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N

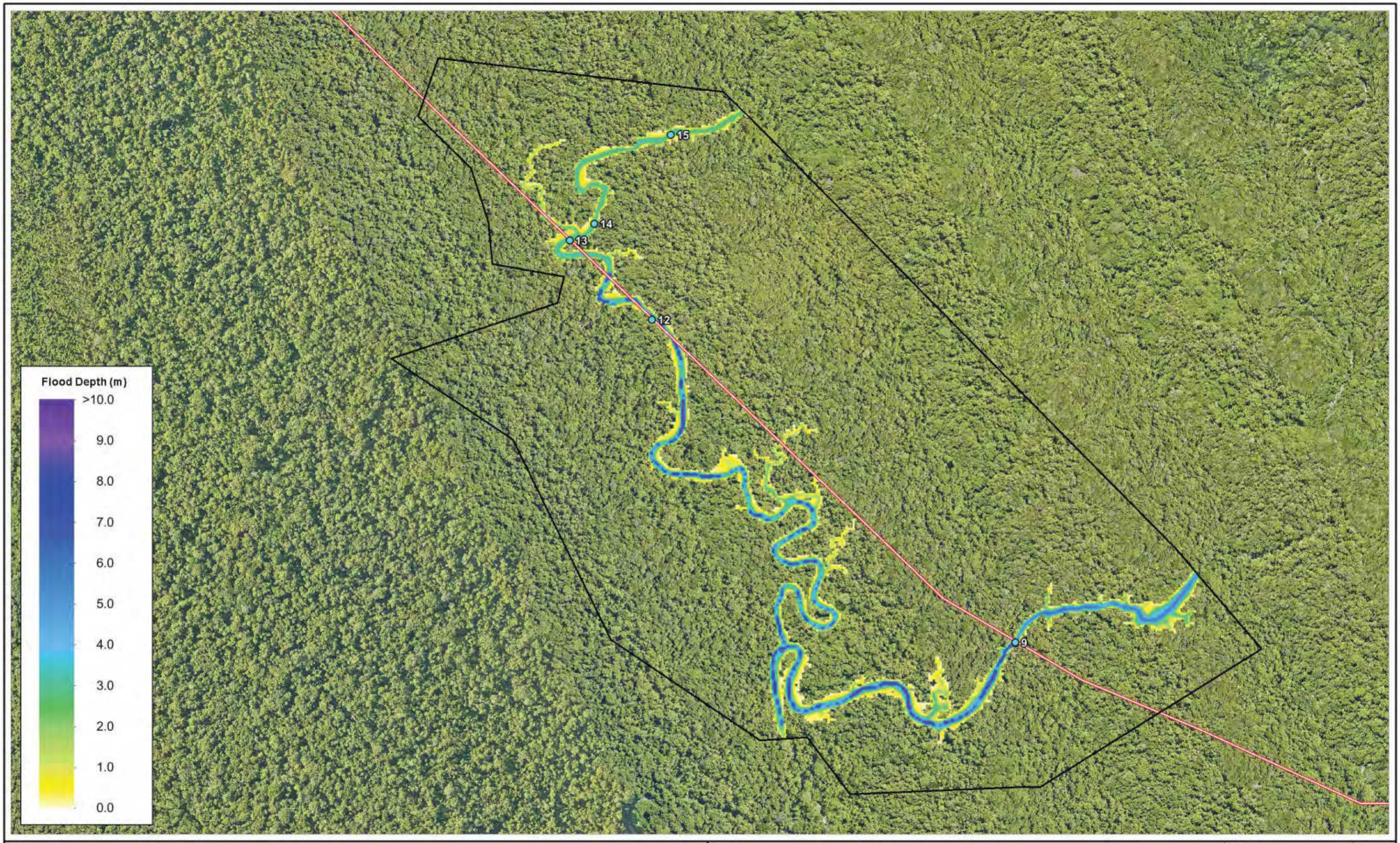
0 200 400m

Approx. Scale

BMT WBM

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Filepath: :\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_120_170718_S7_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S8 Flood Depth - 10 year event

Figure: D-115

Rev: A

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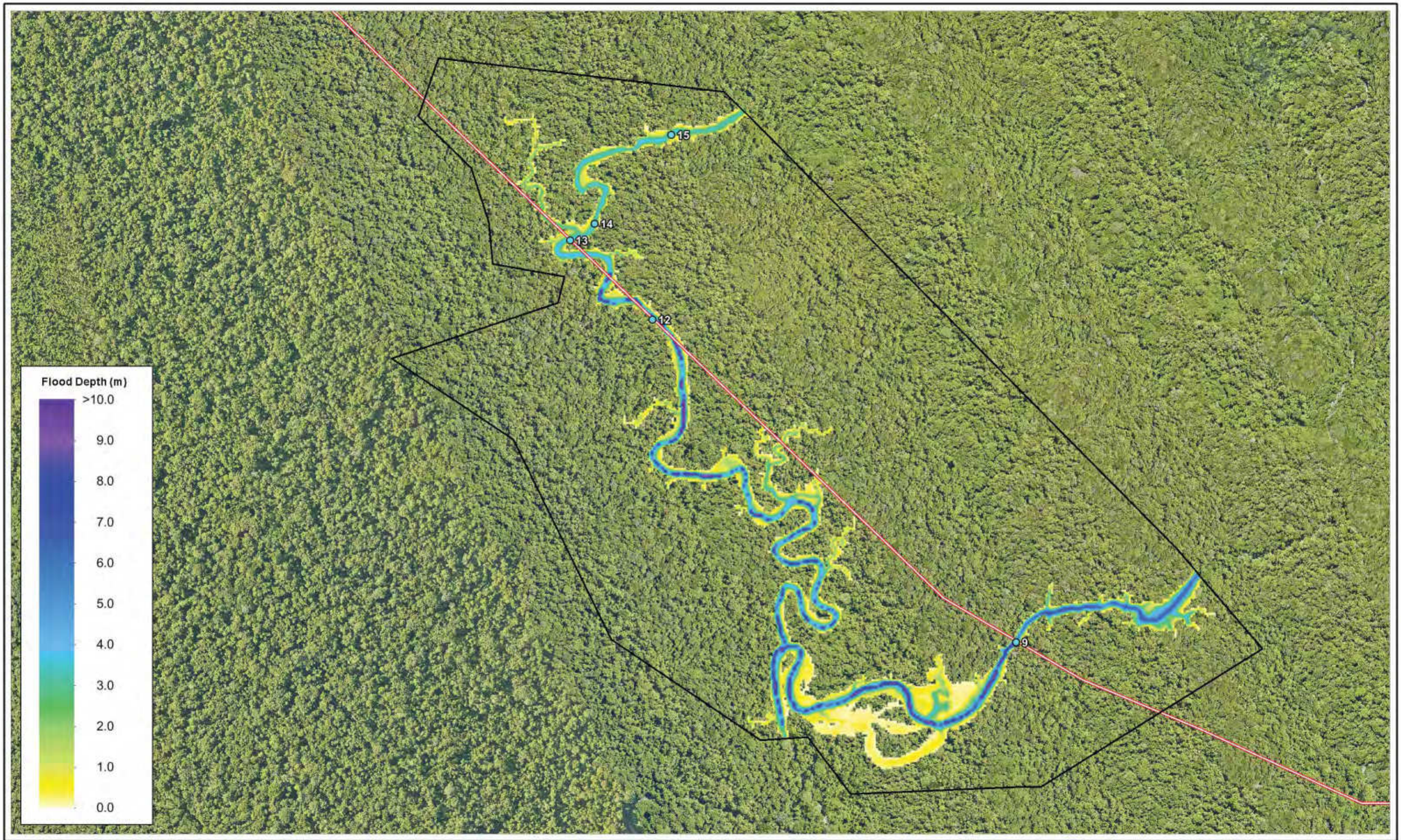
0 200 400m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_121_170718_S8_d_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S8 Flood Depth - 50 year event

Figure: D-116

Rev: A

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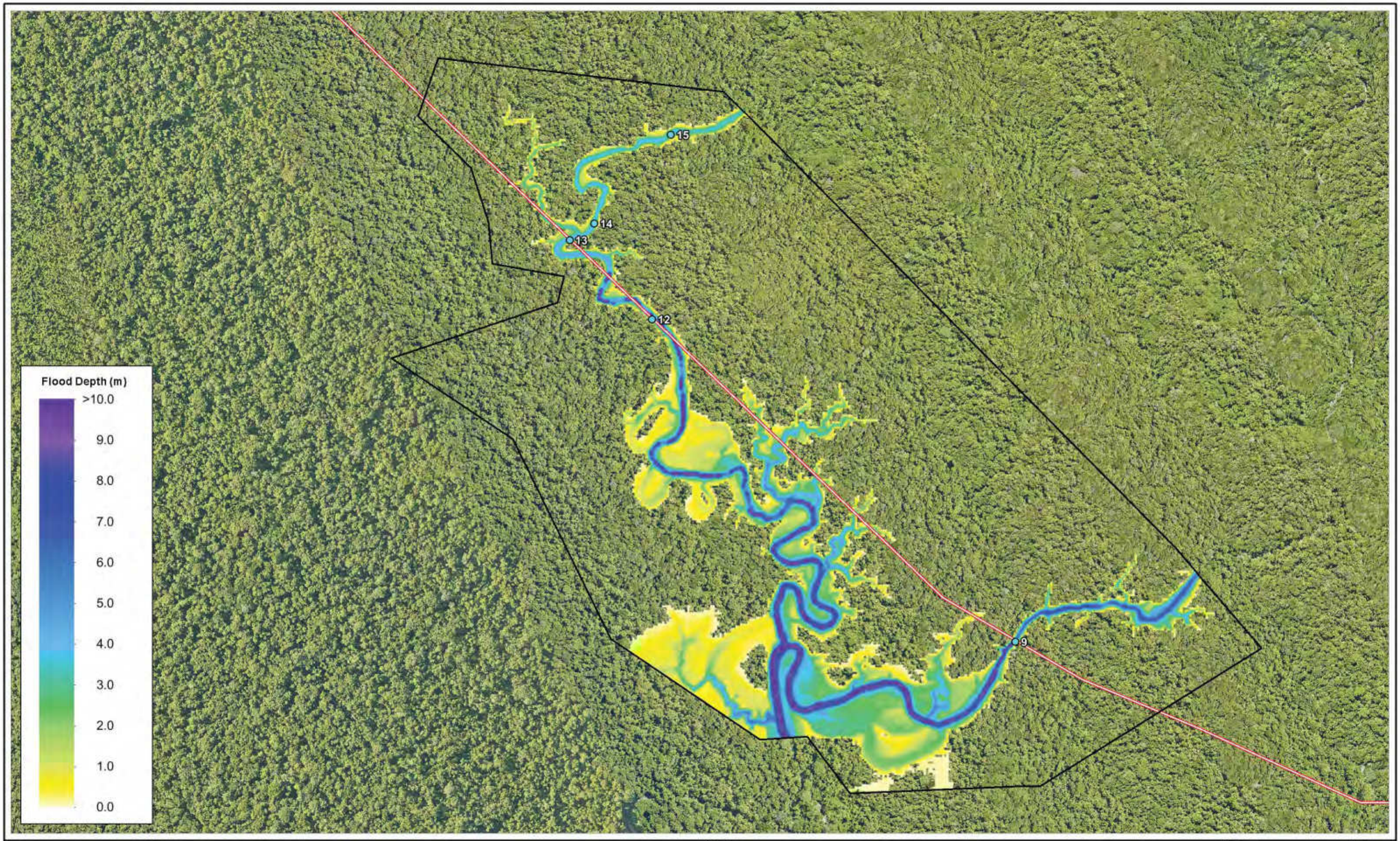
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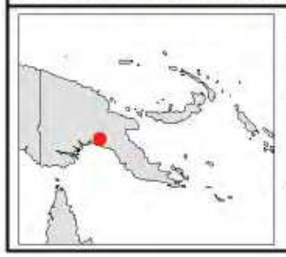
Approx. Scale

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_122_170718_S8_d_50y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S8 Flood Depth - 100 year event

Figure: D-117

Rev: A

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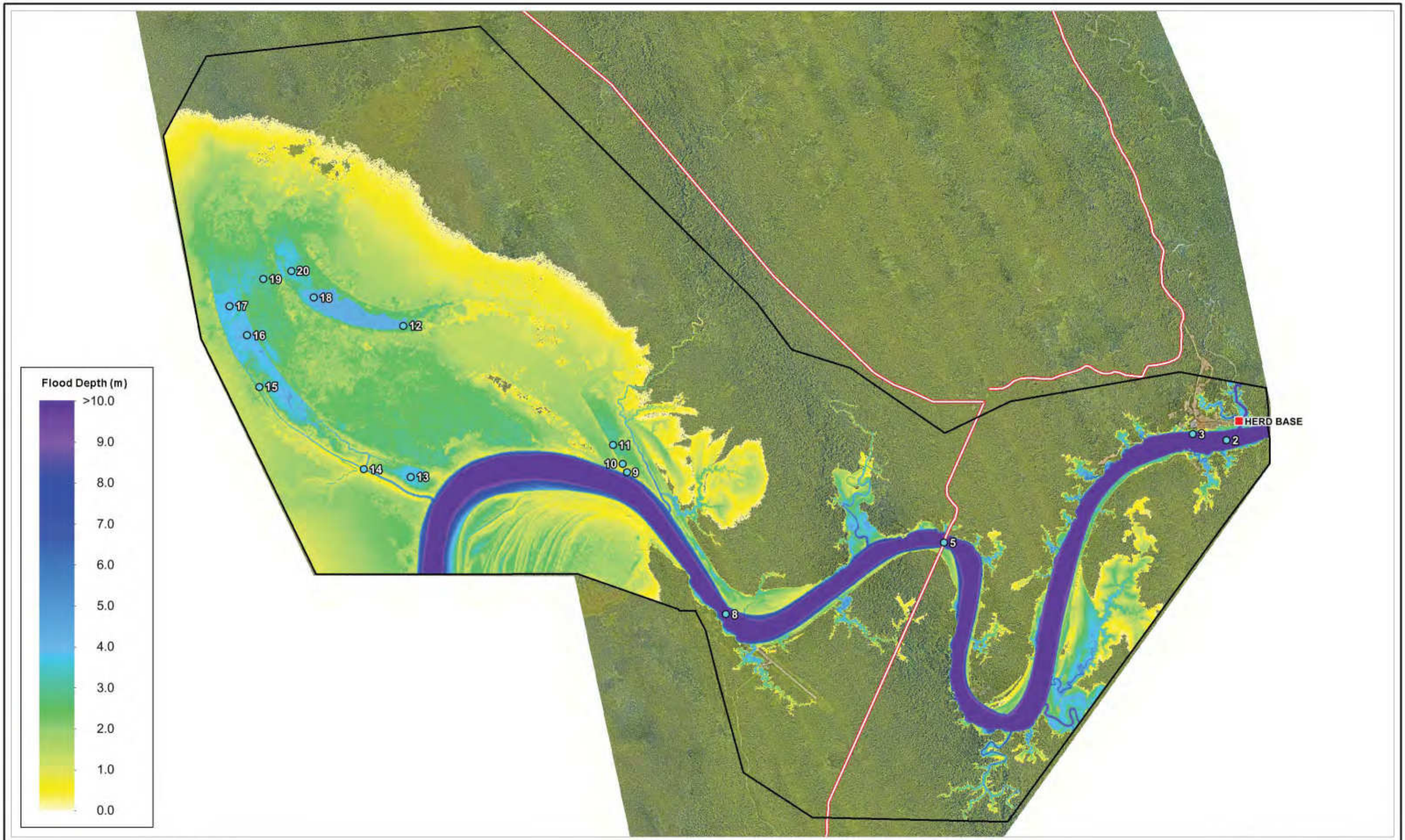
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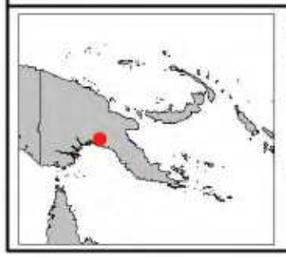
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Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_123_170718_S8_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option
- Herd Base

Title:

Model S10 Flood Depth - 10 year event

Figure: D-118

Rev: A

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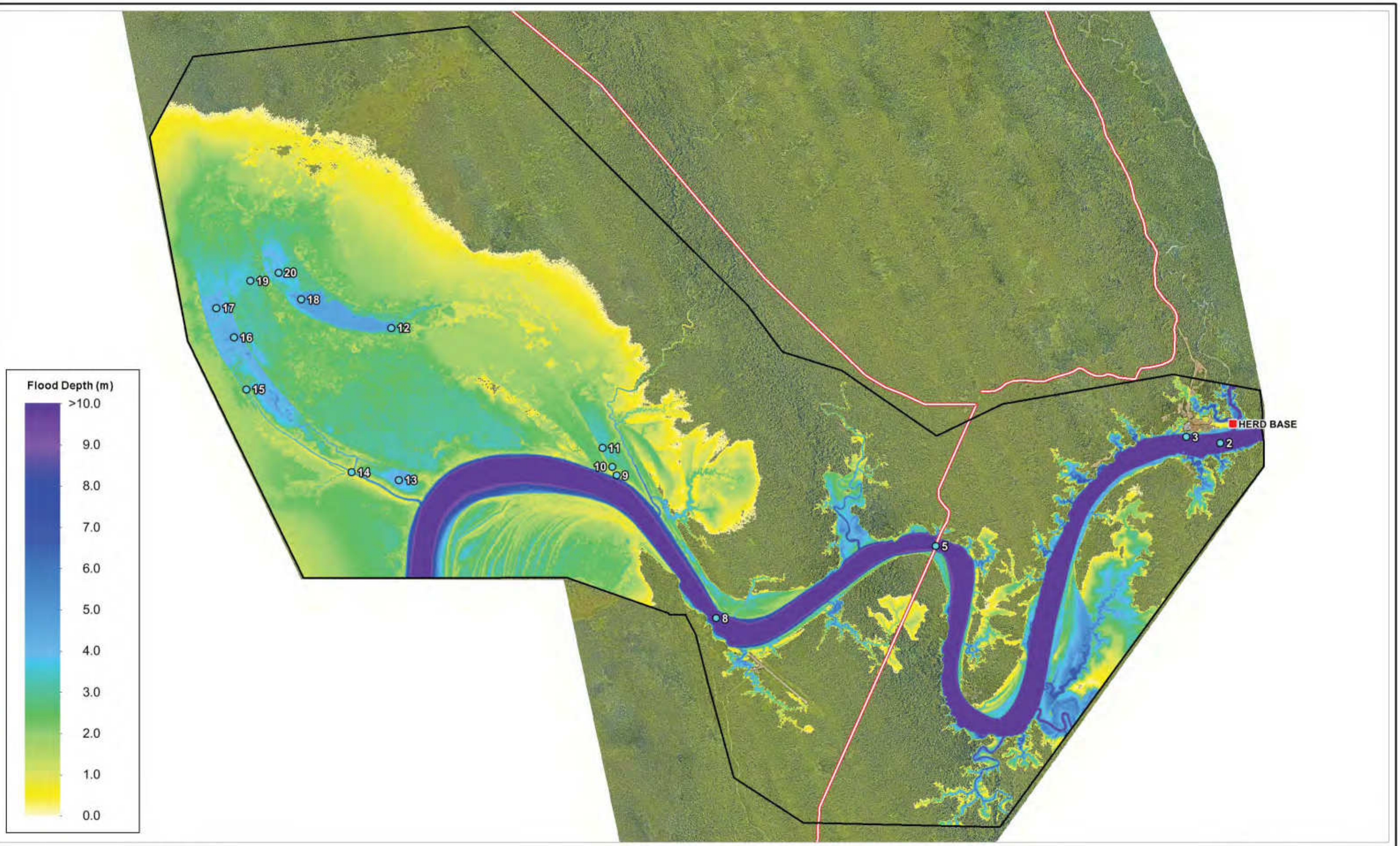
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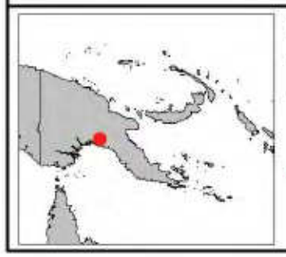
0 1 2km

Approx. Scale

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_124_170718_S10_d_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option
- Herd Base

Title:

Model S10 Flood Depth - 50 year event

Figure: D-119

Rev: A

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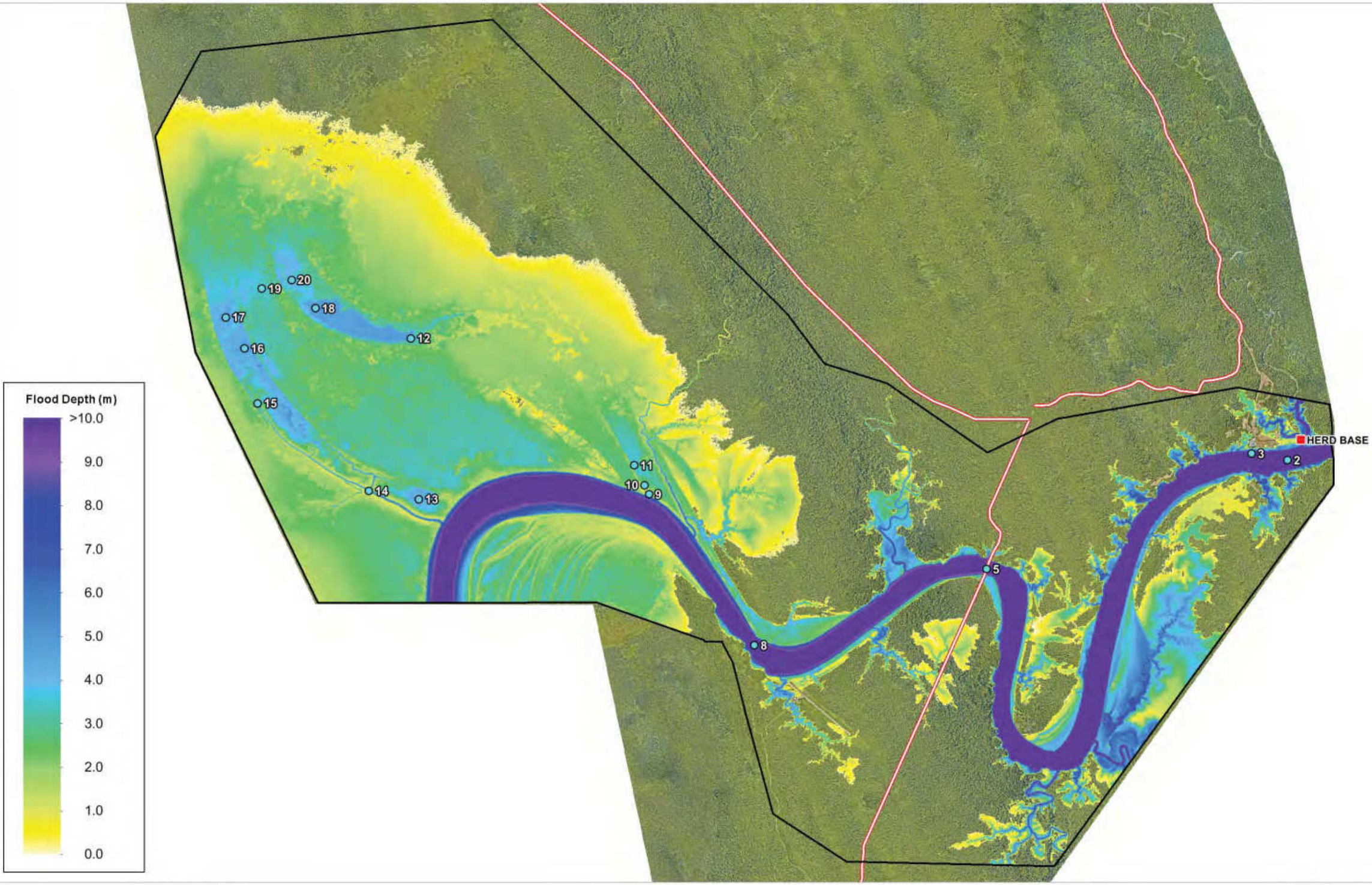
0 1 2km

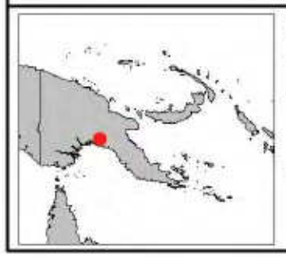
Approx. Scale

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LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option
- Herd Base

Title:

Model S10 Flood Depth - 100 year event

Figure: D-120

Rev: A

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N

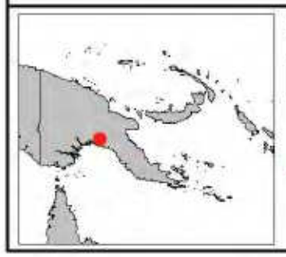
0 1 2km

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_126_170718_S10_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S11 Flood Depth - 10 year event

Figure: D-121

Rev: A

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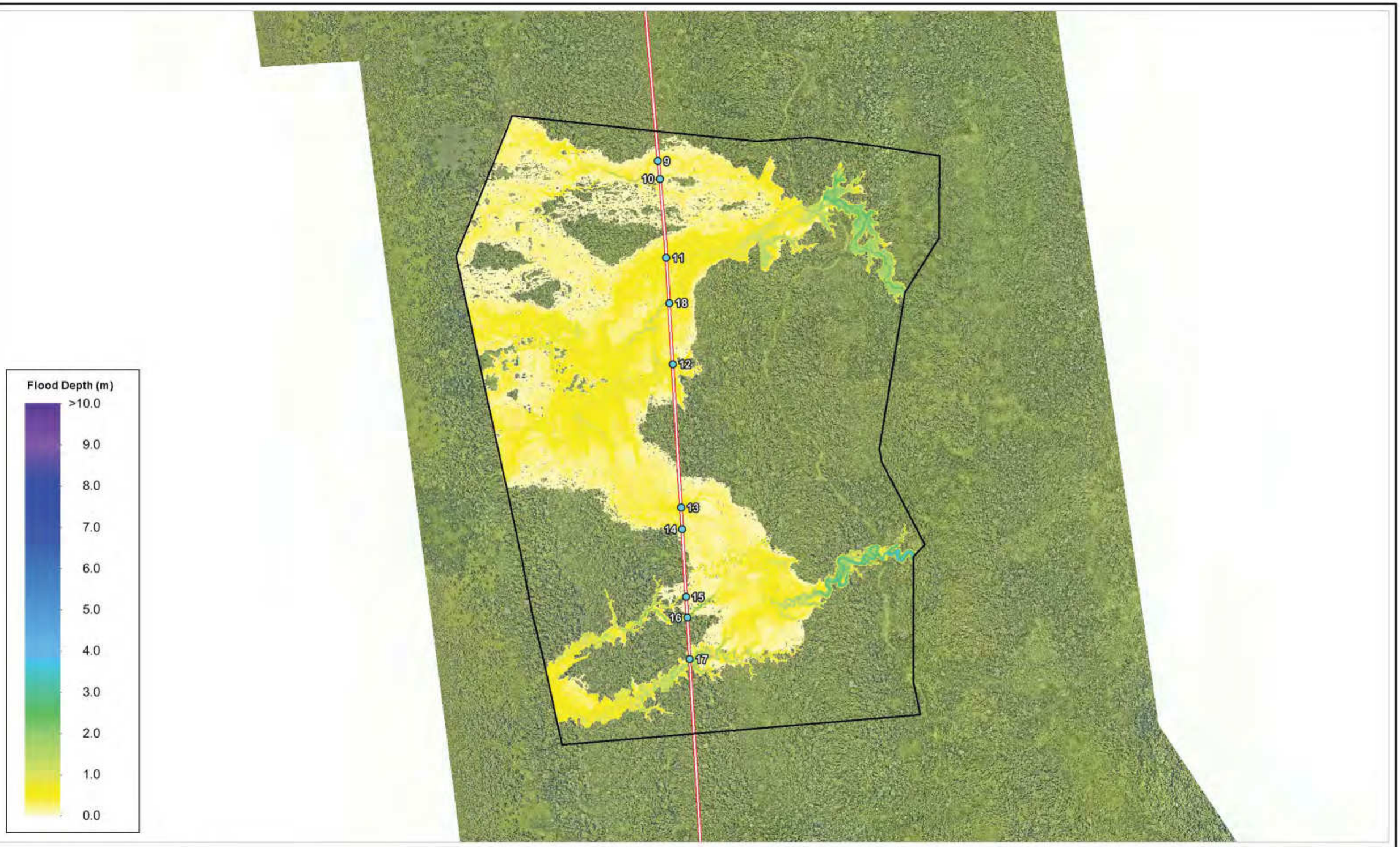
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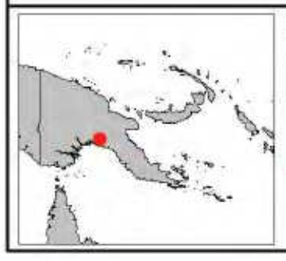
0 500 1,000m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_127_170718_S11_d_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S11 Flood Depth - 50 year event

Figure: D-122

Rev: A

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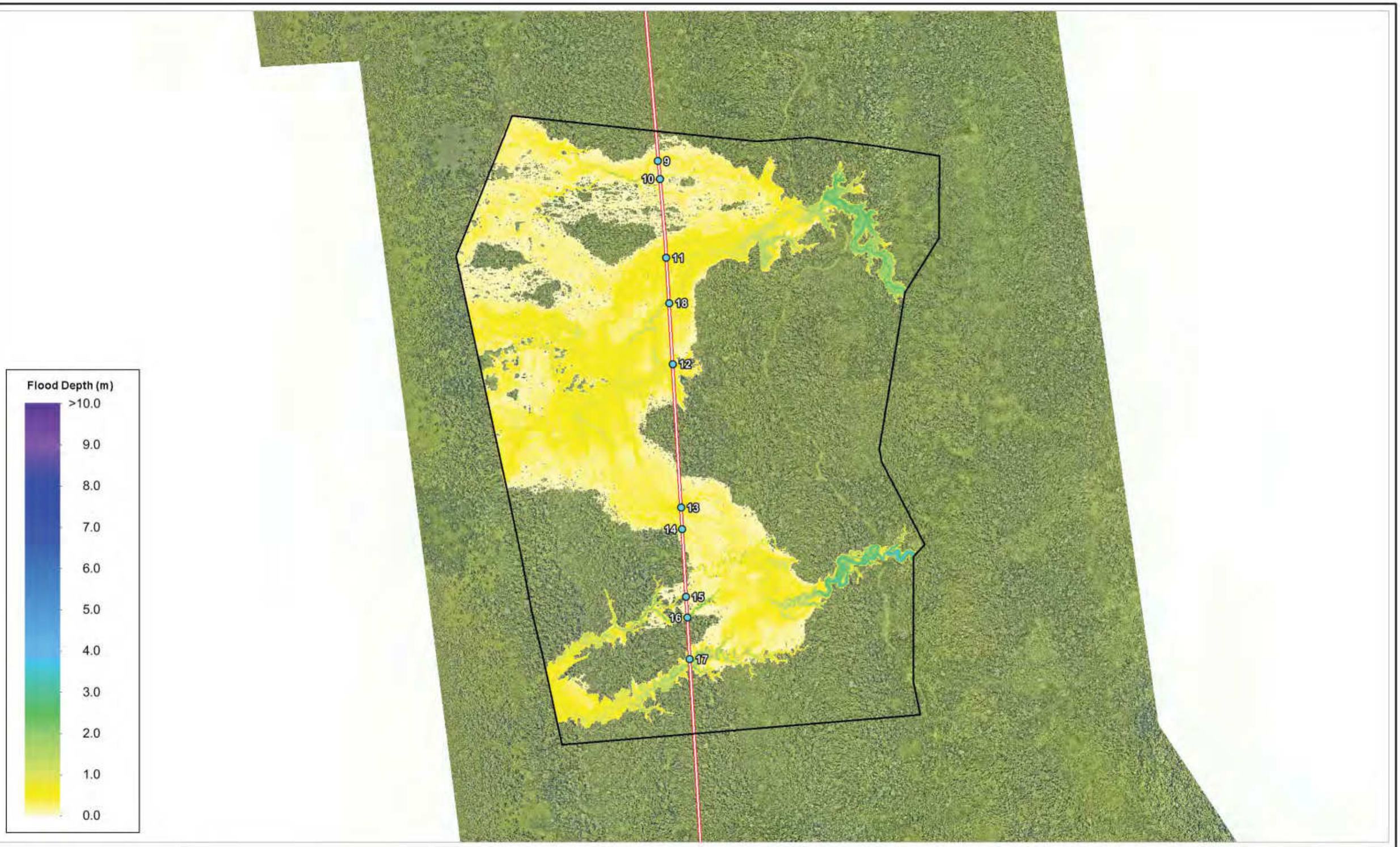
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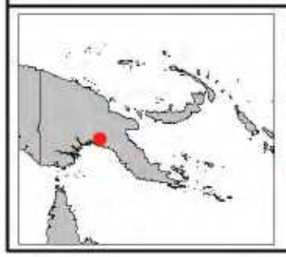
0 500 1,000m

Approx. Scale

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_128_170718_S11_d_50y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S11 Flood Depth - 100 year event

Figure: D-123

Rev: A

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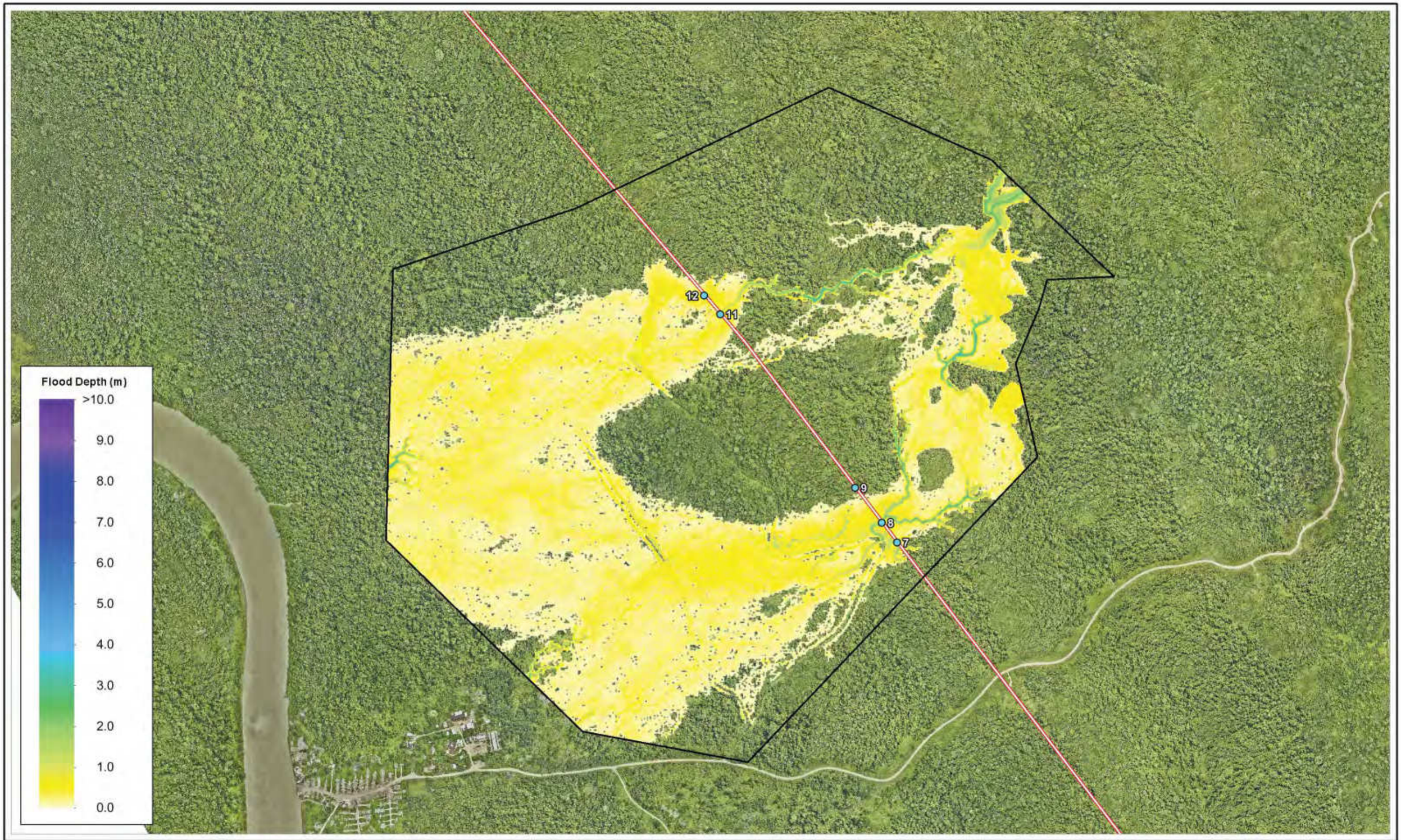
0 500 1,000m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_129_170718_S11_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S12 Flood Depth - 10 year event

Figure: D-124

Rev: A

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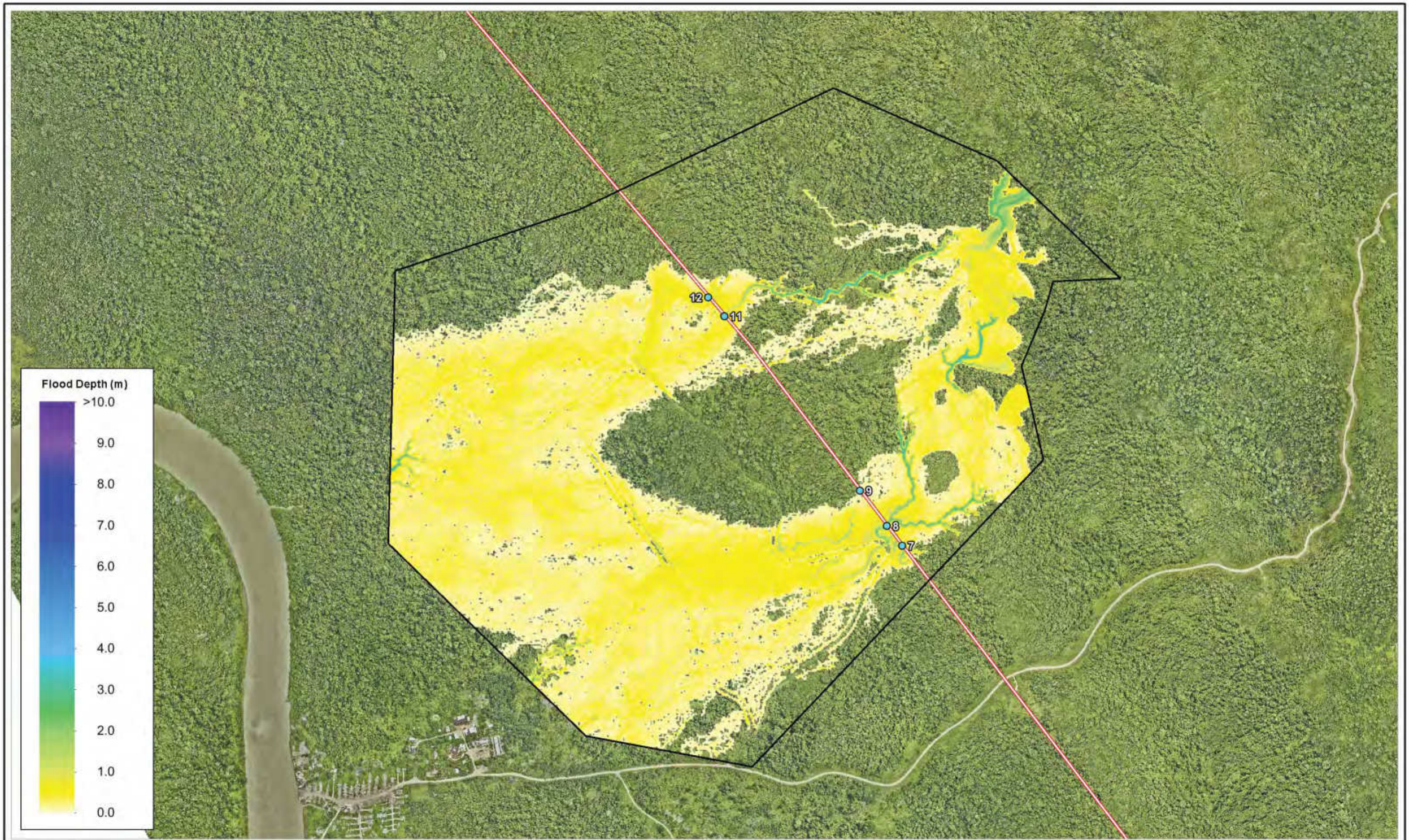
0 250 500m

Approx. Scale

BMT WBM

www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_130_170718_S12_d_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S12 Flood Depth - 50 year event

Figure: D-125

Rev: A

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N

0 250 500m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_131_170718_S12_d_50y.wor

Flood Depth (m)
>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

16
15
14
13
12
11
10
9
7



LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S13 Flood Depth - 10 year event

Figure: D-127

Rev: A

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N

0 250 500m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_133_170718_S13_d_10y.wor

Flood Depth (m)
>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

16
15
14
13
12
11
10
9
7



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:
Model S13 Flood Depth - 50 year event

Figure: D-128

Rev: A

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N

0 250 500m

Approx. Scale

BMT WBM
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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_134_170718_S13_d_50y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S13 Flood Depth - 100 year event

Figure: D-129

Rev: A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

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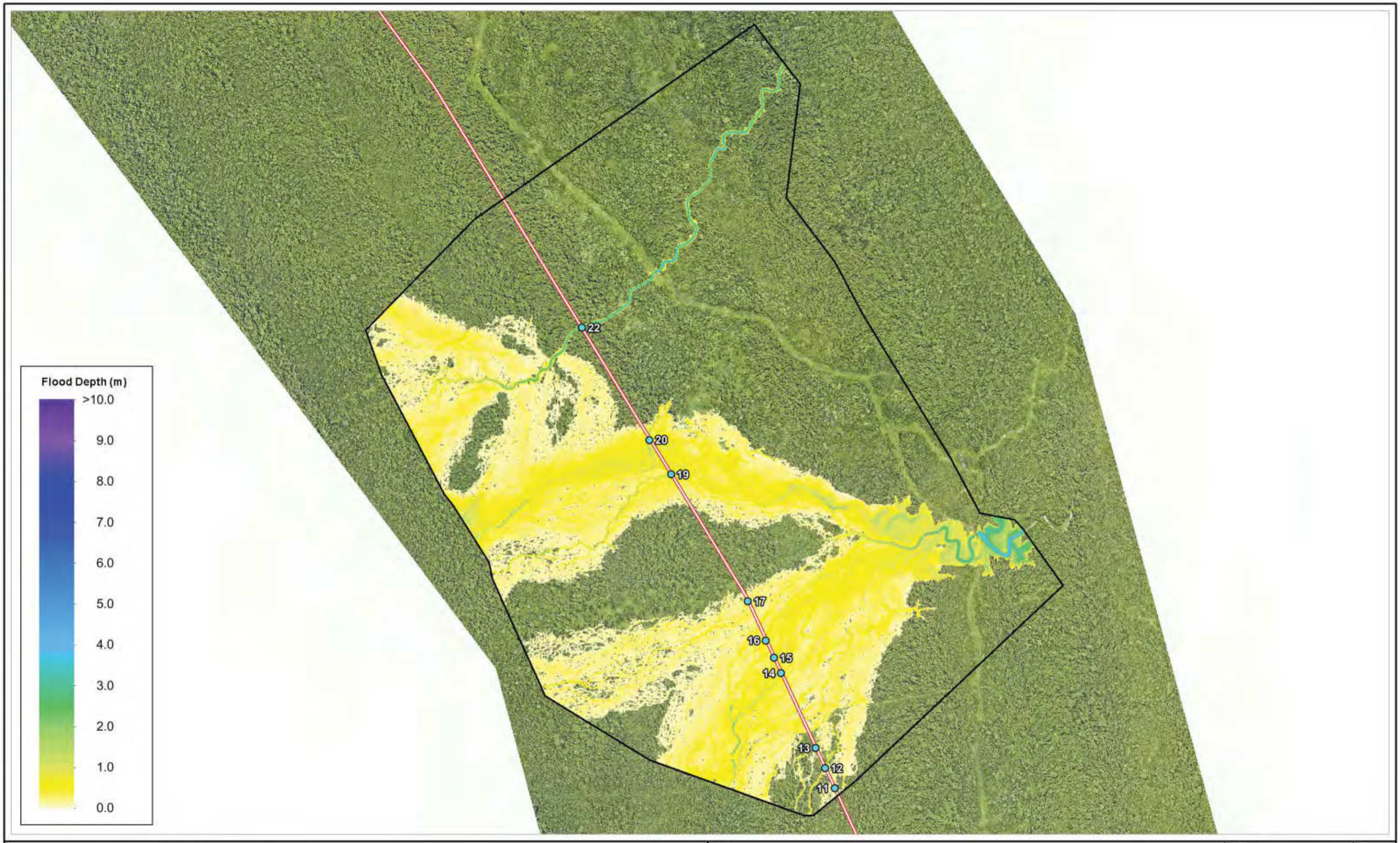
0 250 500m

Approx. Scale

BMT WBM

www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_135_170718_S13_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S14 Flood Depth - 10 year event

Figure: D-130

Rev: A

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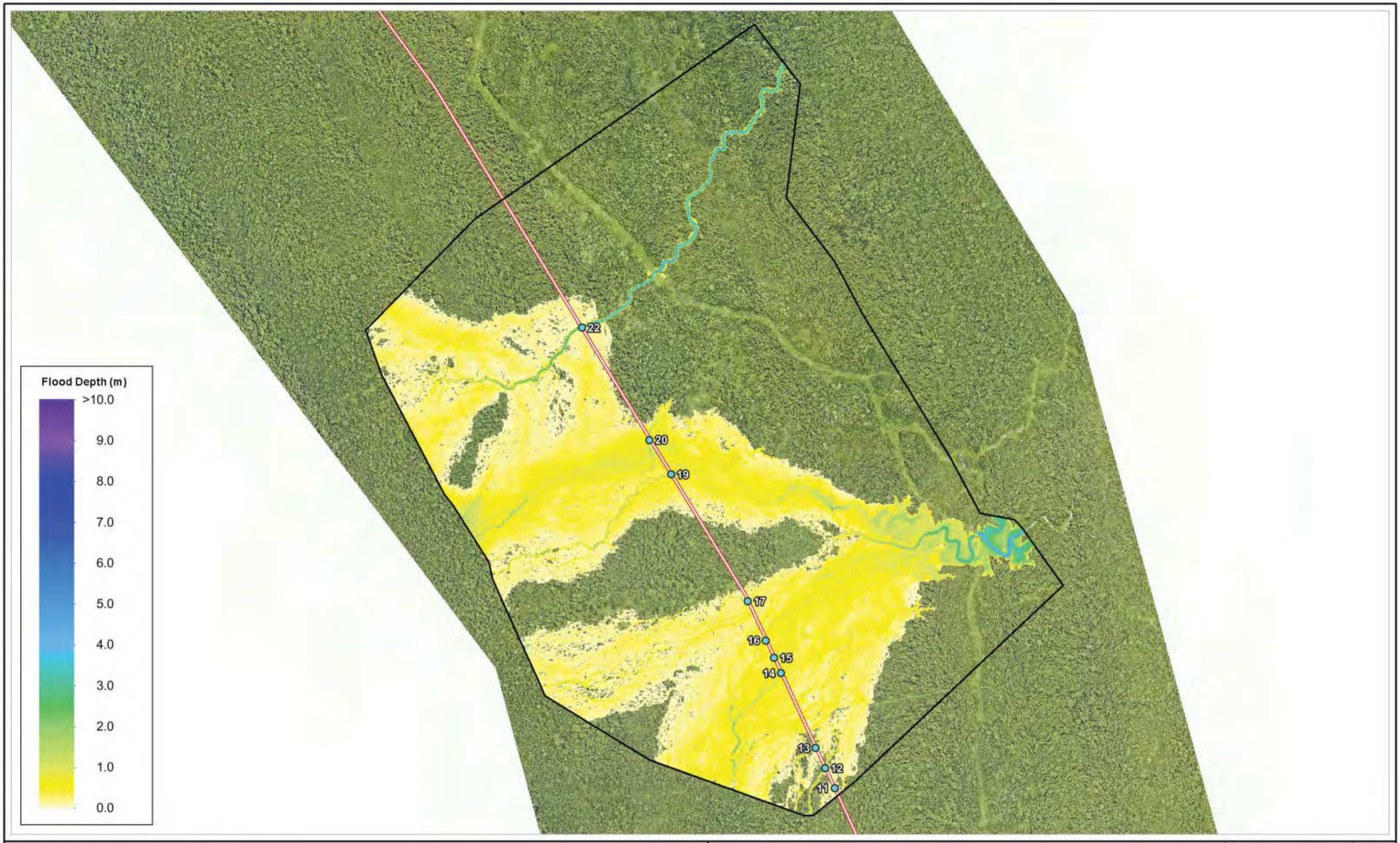
N

0 500 1,000m

Approx. Scale

BMT WBM
www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_136_170718_S14_d_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S14 Flood Depth - 50 year event

Figure: D-131

Rev: A

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N

0 500 1,000m

Approx. Scale

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_137_170718_S14_d_50y.wor

Flood Depth (m)

>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

5
6
7
8



LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:

Model S16 Depth Levels - 10 year event

Figure: D-133

Rev: A

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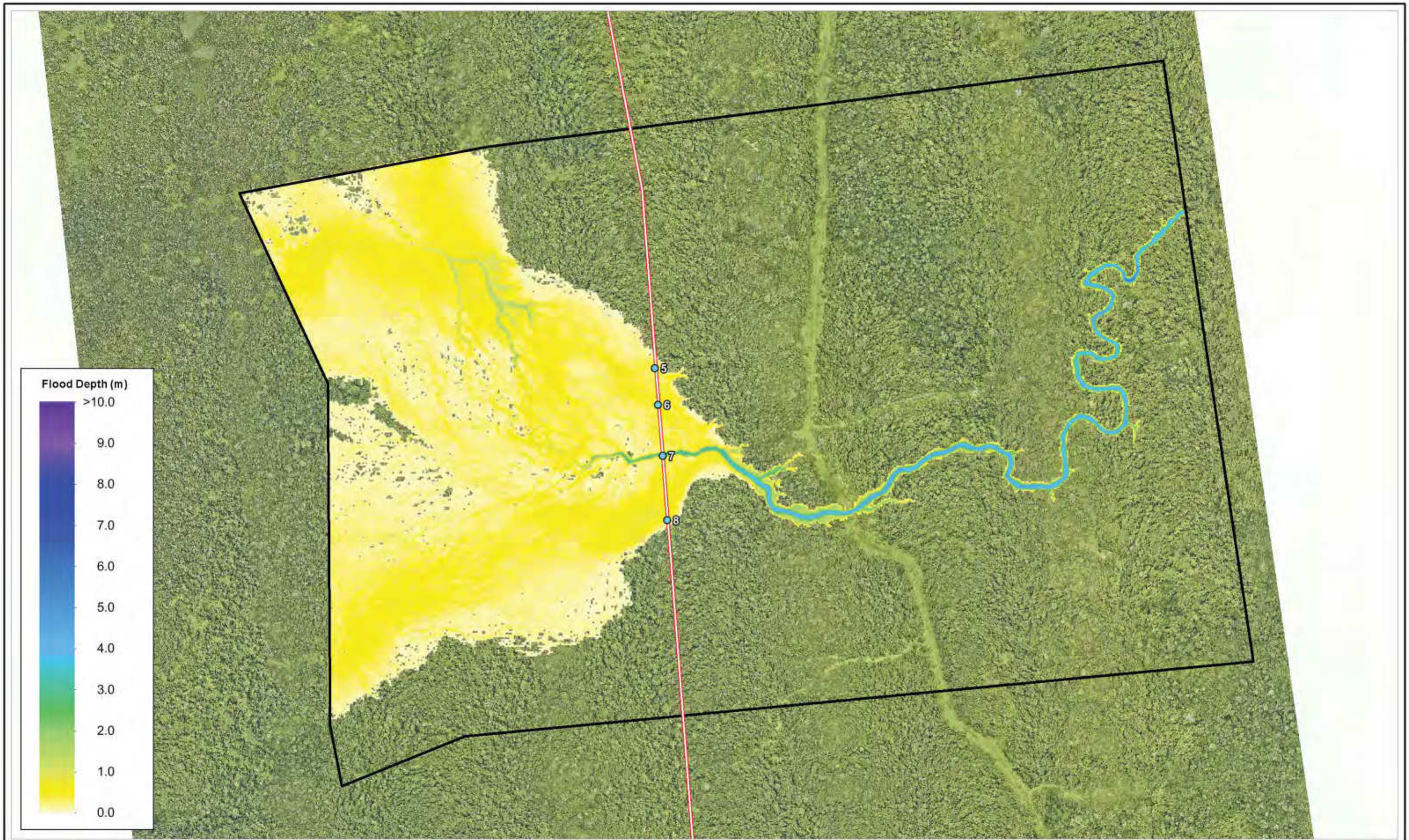
N

0 250 500m

Approx. Scale

BMT WBM
www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_139_170718_S16_d_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S16 Depth Levels - 50 year event

Figure: D-134

Rev: A

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N

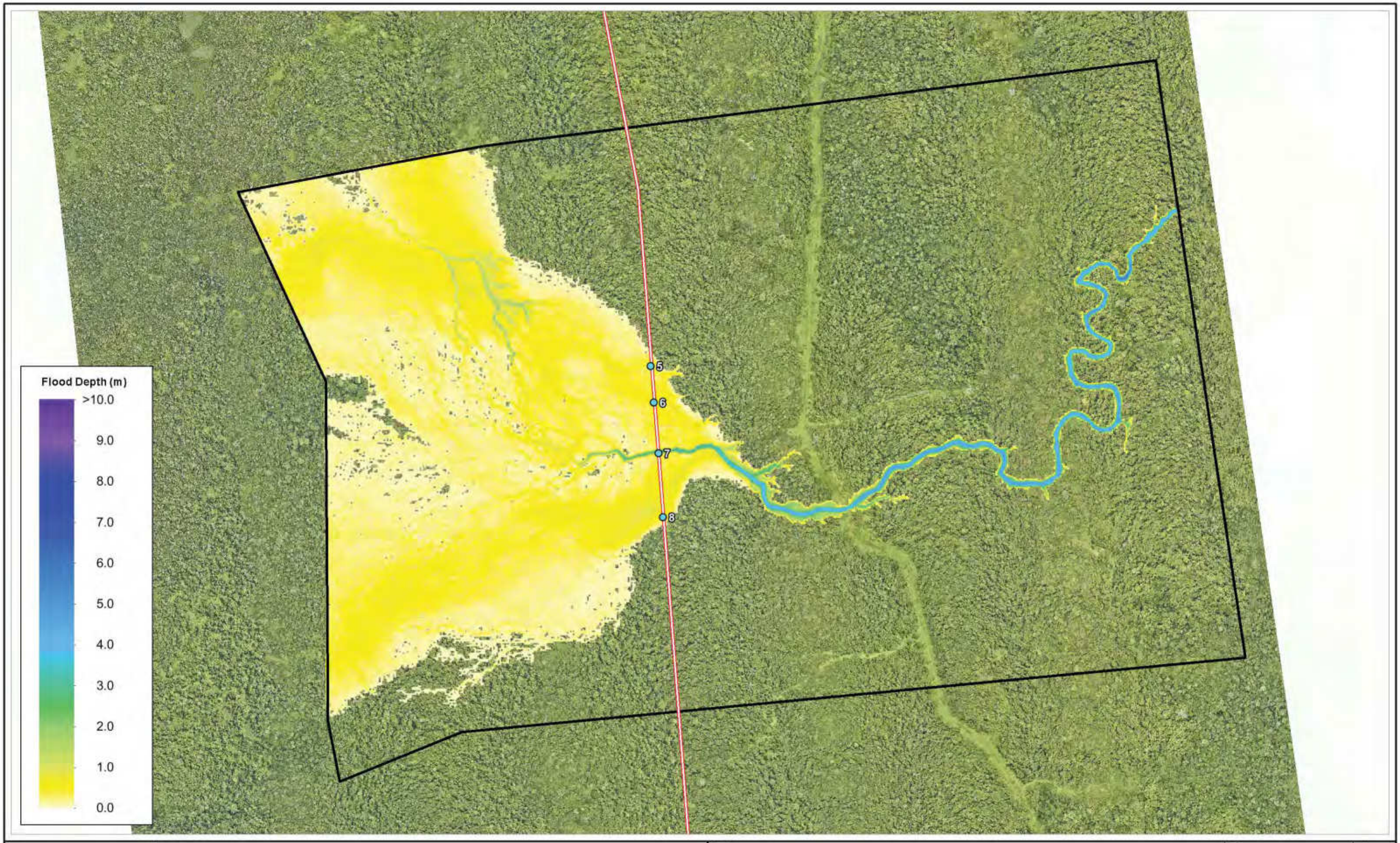
0 250 500m

Approx. Scale

BMT WBM

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Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_140_170718_S16_d_50y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S16 Depth Levels - 100 year event

Figure: D-135

Rev: A

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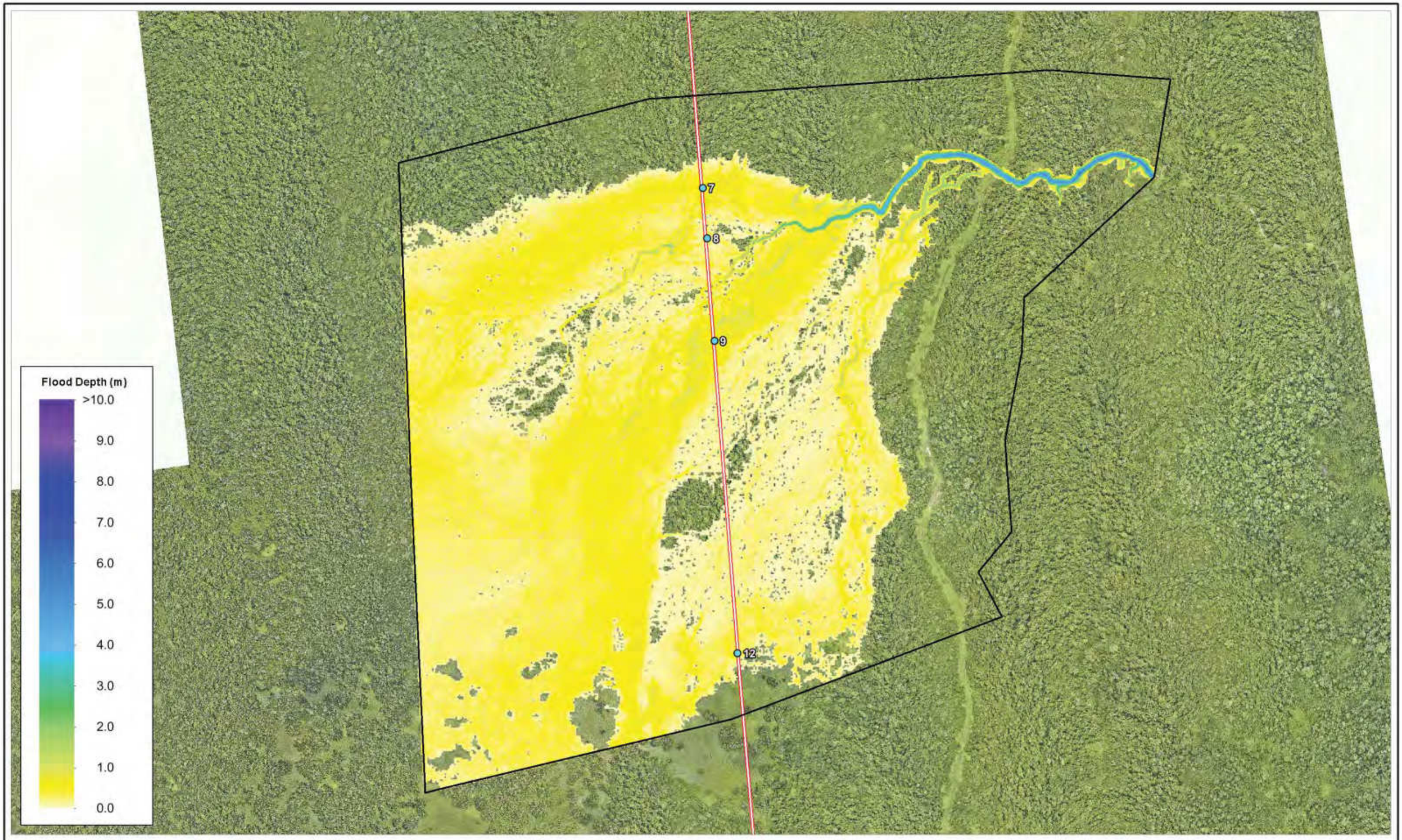
N

0 250 500m

Approx. Scale

BMT WBM
www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_141_170718_S16_d_100y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S17 Flood Depth - 10 year event

Figure: D-136

Rev: A

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N

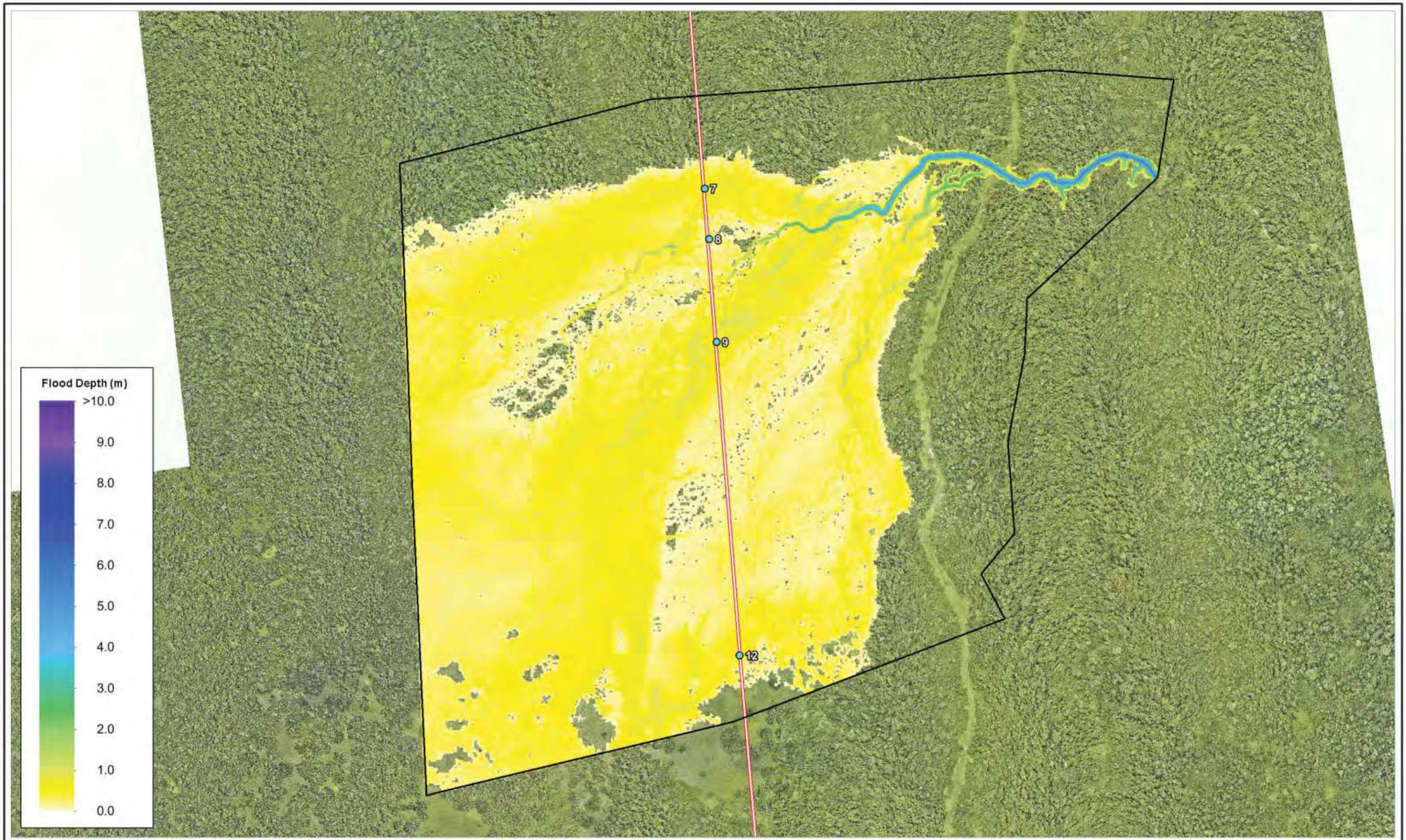
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Approx. Scale

BMT WBM

www.bmtwbm.com.au

Filepath: I:\B21414_I_GML_Elk_Antelope_EIA_JV\DRG\FloodModelling_170316\FLD_142_170718_S17_d_10y.wor





LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S17 Flood Depth - 50 year event

Figure: D-137

Rev: A

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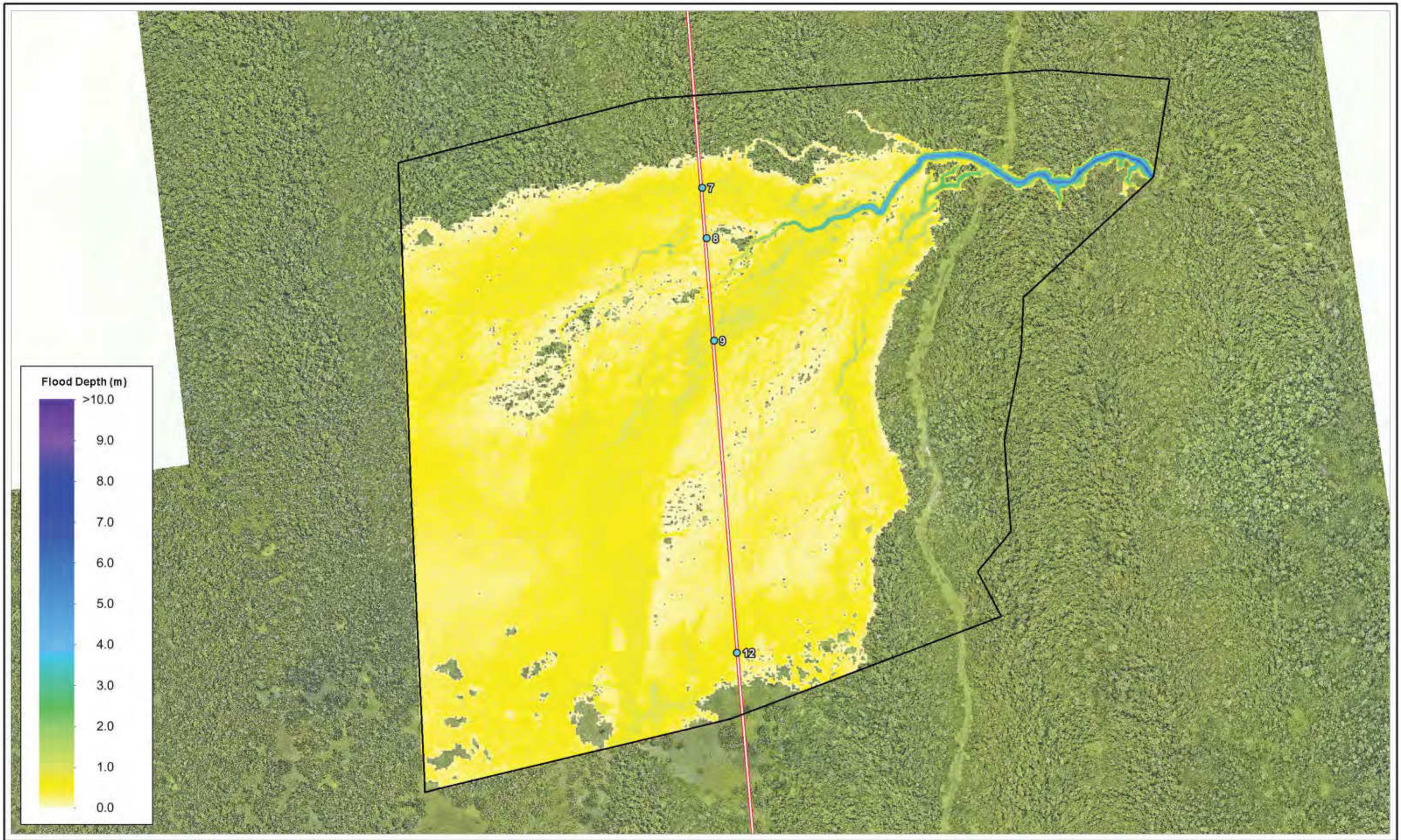
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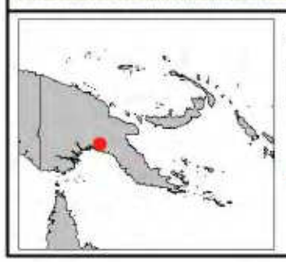
Approx. Scale

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LEGEND

TUFLOW Model Extent

Recording Location

Trunkline Infrastructure Option

Title:

Model S17 Flood Depth - 100 year event

Figure: D-138

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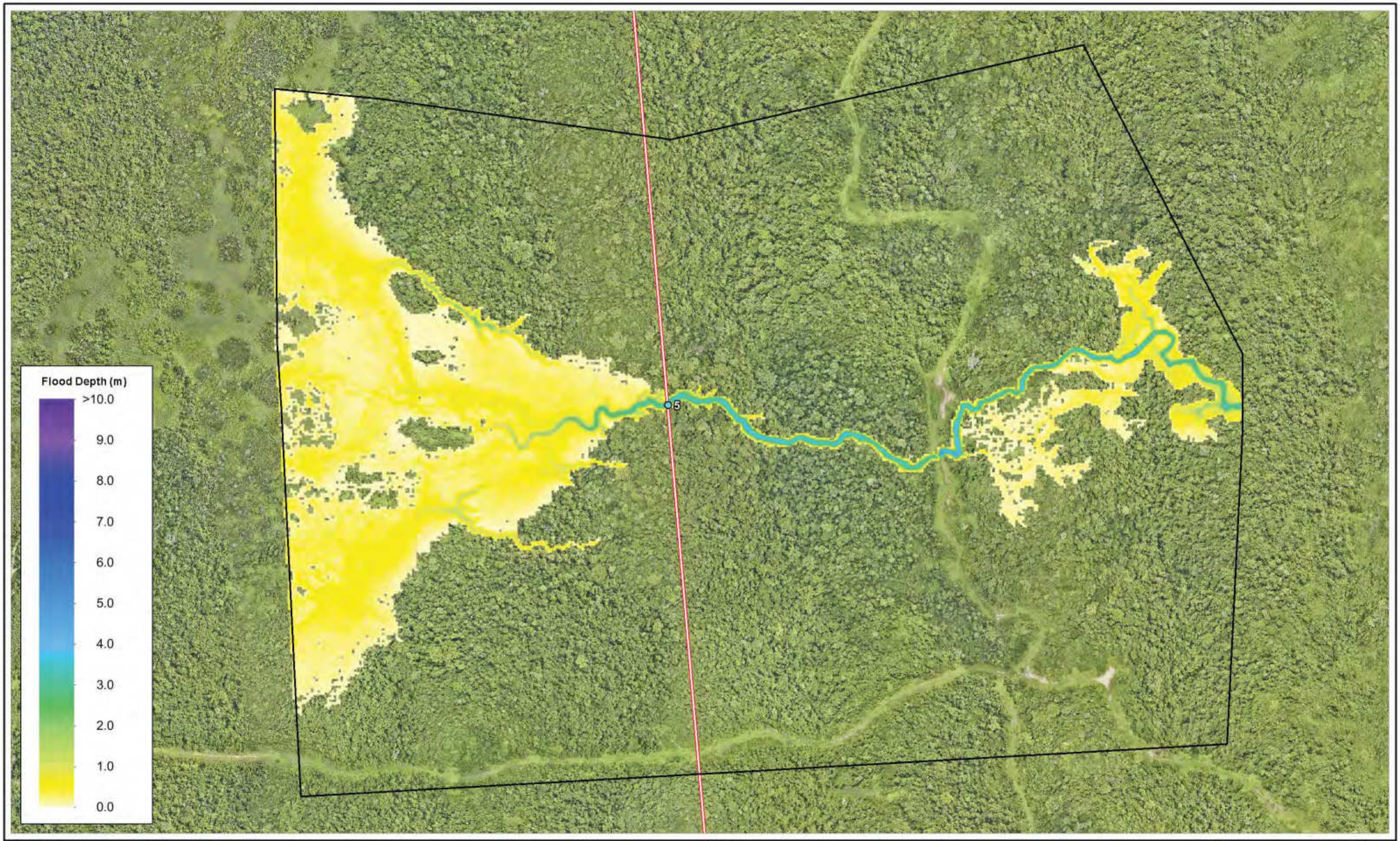
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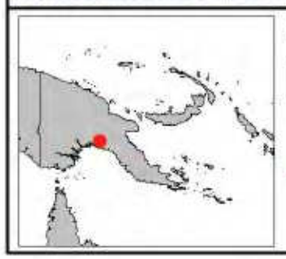
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LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S18 Flood Depth - 10 year event

Figure: D-139

Rev: A

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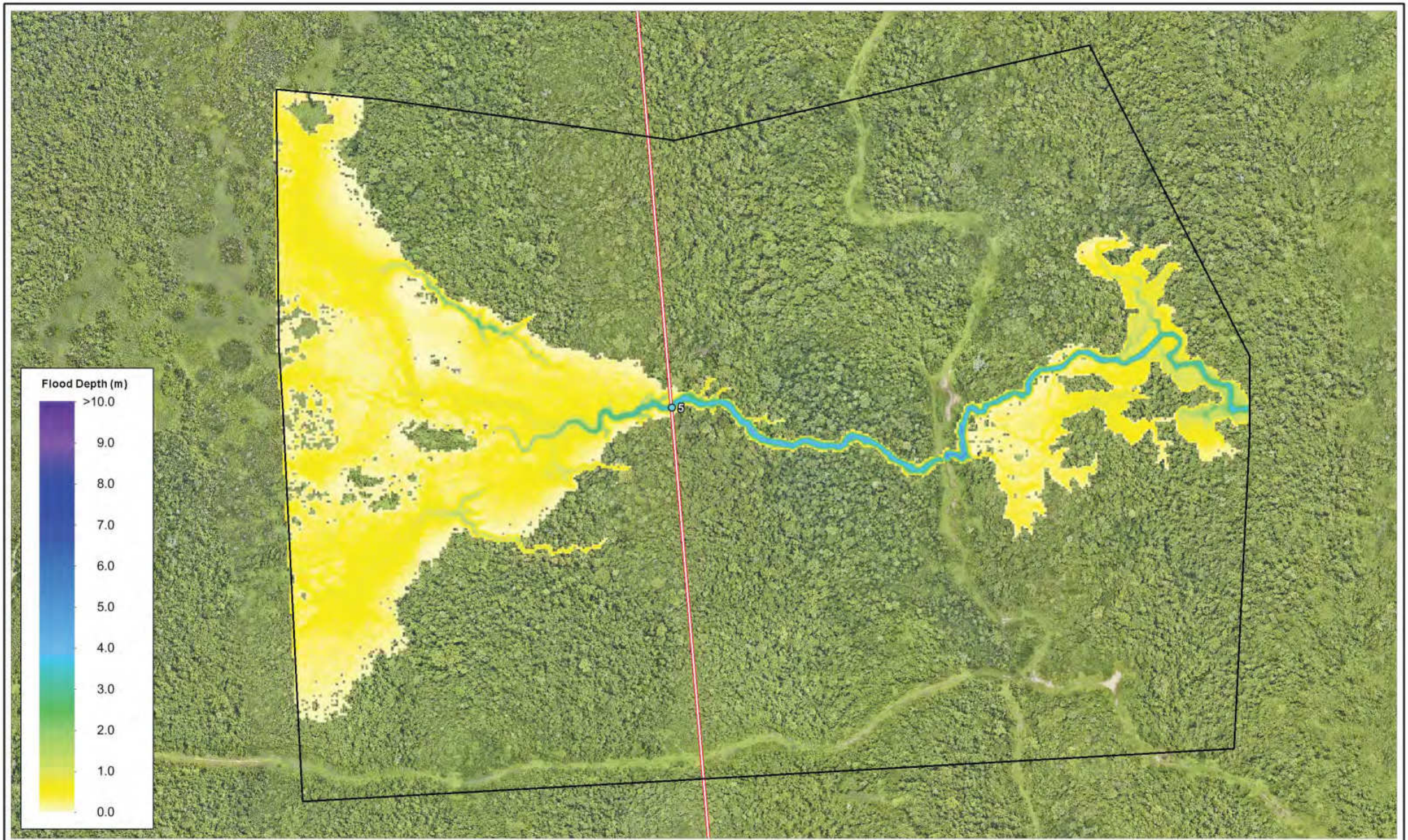
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0 200 400m

Approx. Scale

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LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S18 Flood Depth - 50 year event

Figure: D-140

Rev: A

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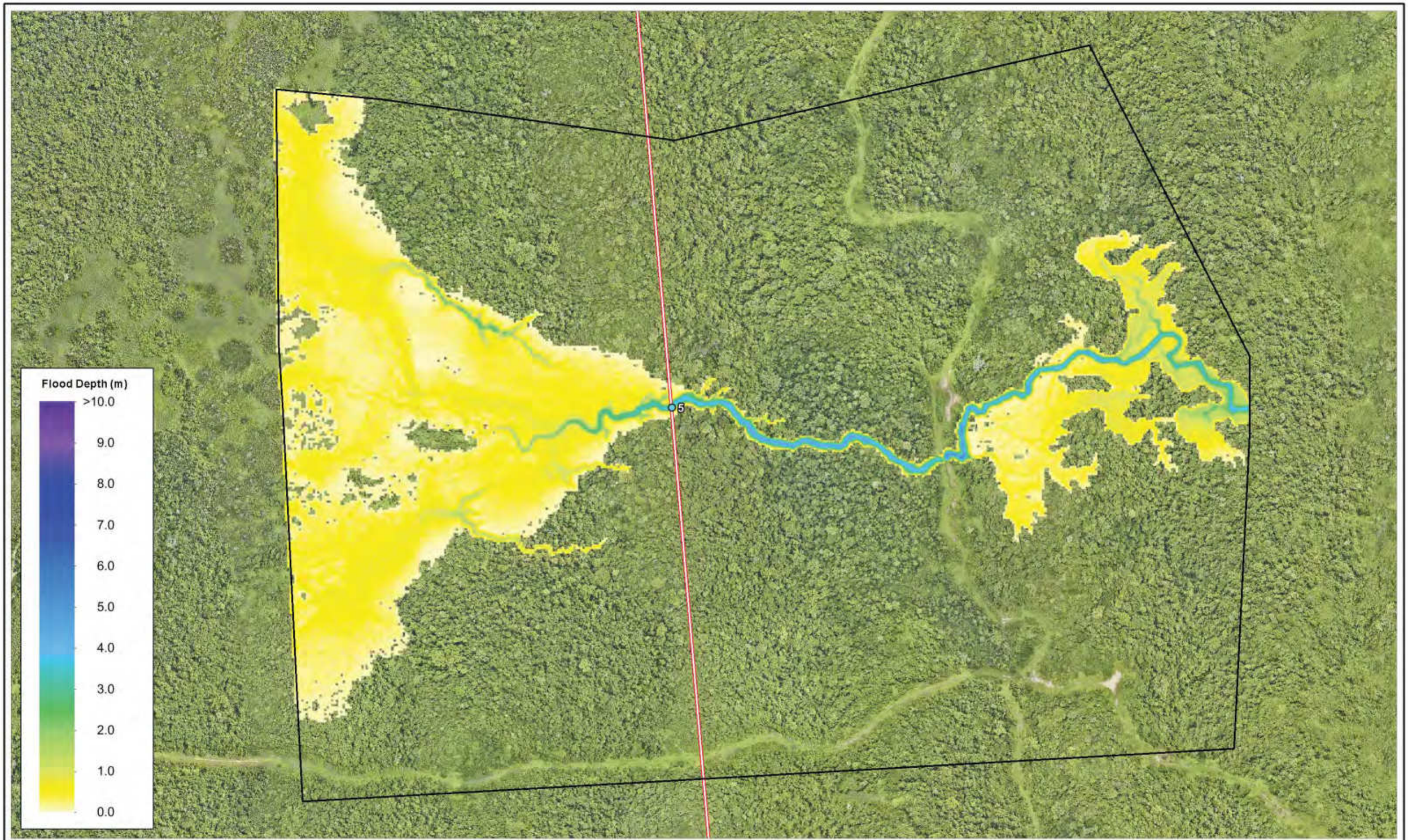
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Approx. Scale

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LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S18 Flood Depth - 100 year event

Figure: D-141

Rev: A

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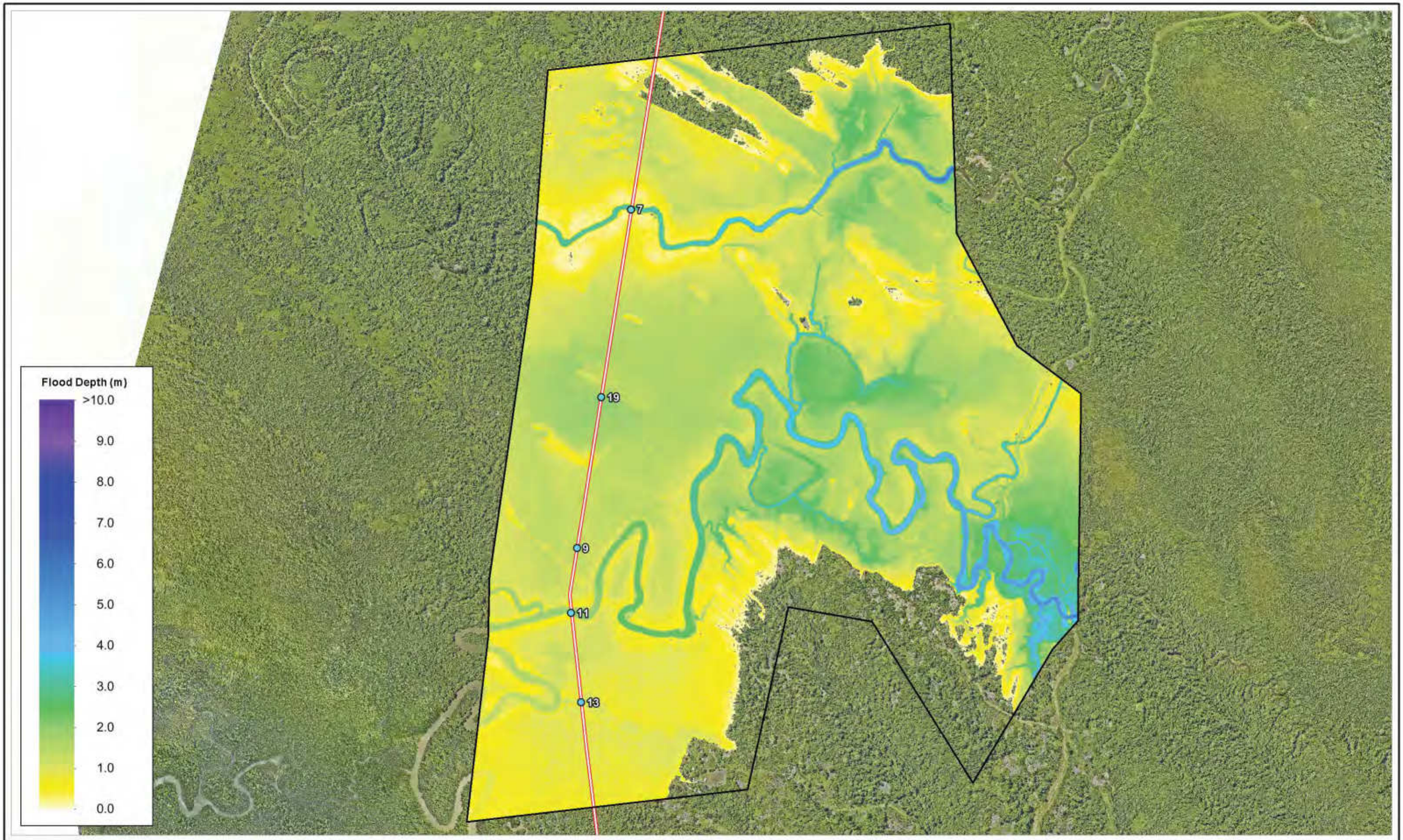
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LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:
Model S20 Flood Depth - 10 year event

Figure: D-142

Rev: A

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0 500 1,000m

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Flood Depth (m)

>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

7
19
9
11
13



LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S20 Flood Depth - 50 year event

Figure: D-143

Rev: A

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0 500 1,000m

Approx. Scale

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Flood Depth (m)

>10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

7
19
9
11
13



LEGEND

- TUFLOW Model Extent
- Recording Location
- Trunkline Infrastructure Option

Title:

Model S20 Flood Depth - 100 year event

Figure: D-144

Rev: A

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0 500 1,000m

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Appendix B Purari and Aure River Flow Statistics (Pickup and Chewings, 1983)

The following flow statistics are taken from Pickup and Chewings, 1983. They present monthly mean flow (m^3/s) for the Purari and Aure rivers together with statistical analysis.

Table 1. Flow statistics for the Purari River.

Month	Raw values				Log_e values			
	Mean	Standard deviation	Skewness coefficient	Lag one serial. correl.	Mean	Standard deviation	Skewness coefficient	Lag one serial correl.
Daily discharge statistics (m^3/sec)								
Jan.	2603	832	0.732	0.804	7.814	0.319	−0.084	0.828
Feb.	3118	1170	0.706	0.837	7.976	0.376	−0.062	0.857
Mar.	3107	1216	0.585	0.854	7.962	0.408	−0.313	0.884
Apr.	2748	1129	0.868	0.831	7.839	0.400	0.1132	0.863
May	2491	919	1.140	0.796	7.756	0.360	−0.054	0.836
Jun.	2026	1003	1.599	0.825	7.513	0.434	0.506	0.837
Jul.	2024	1198	1.753	0.815	7.464	0.543	−0.002	0.838
Aug.	2156	1202	1.229	0.869	7.524	0.566	−0.190	0.900
Sep.	2112	1239	1.532	0.866	7.490	0.592	−0.233	0.884
Oct.	2594	1177	0.559	0.875	7.741	0.529	−0.915	0.916
Nov.	2119	1084	0.883	0.884	7.530	0.515	−0.036	0.911
Dec.	2529	1111	0.630	0.847	7.736	0.459	−0.224	0.883
Monthly discharge statistics (m^3/sec)								
Jan.	2647	483	0.242	−0.341	7.831	0.184	0.019	−0.330
Feb.	3081	847	0.016	0.045	7.955	0.297	−0.549	0.012
Mar.	3208	815	0.355	0.130	7.993	0.286	−0.371	0.183
Apr.	2755	697	0.329	0.212	7.841	0.255	0.124	0.199
May	2432	611	−0.004	−0.144	7.730	0.265	−0.575	−0.156
Jun.	2026	609	0.999	−0.069	7.513	0.270	0.608	−0.078
Jul.	2038	851	0.525	0.161	7.475	0.422	−0.065	0.242
Aug.	2151	1028	0.676	0.115	7.497	0.514	−0.312	−0.067
Sep.	2204	900	0.525	0.406	7.542	0.461	−0.471	0.154
Oct.	2601	836	−0.305	−0.054	7.744	0.408	−1.051	−0.103
Nov.	2173	856	0.606	−0.419	7.550	0.406	0.126	−0.496
Dec.	2532	762	0.227	0.055	7.739	0.324	−0.114	0.119

Table 2. Flow statistics for the Aure River.

Month	Raw values				Log_e values			
	Mean	Standard deviation	Skewness coefficient	Lag one serial. correl.	Mean	Standard deviation	Skewness coefficient	Lag one serial correl.
Daily discharge statistics (m^3/sec)								
Jan.	336	151	1.284	0.716	5.724	0.435	−0.079	0.782
Feb.	449	272	1.662	0.771	5.958	0.532	0.449	0.818
Mar.	388	196	1.253	0.747	5.848	0.471	0.218	0.816
Apr.	383	188	1.331	0.619	5.840	0.459	0.219	0.731
May	335	173	2.079	0.687	5.709	0.452	0.263	0.753
Jun.	199	101	2.152	0.704	5.192	0.433	0.482	0.784
Jul.	201	139	1.955	0.663	5.103	0.639	0.043	0.814
Aug.	150	92	1.700	0.757	4.853	0.548	0.352	0.867
Sep.	155	113	2.044	0.791	4.834	0.628	0.394	0.851
Oct.	298	199	1.583	0.839	5.488	0.671	−0.316	0.882
Nov.	241	162	2.083	0.777	5.312	0.574	0.397	0.860
Dec.	318	190	1.802	0.653	5.600	0.580	−0.088	0.818
Monthly discharge statistics (m^3/sec)								
Jan.	329	107	−0.039	−0.619	5.962	0.354	−0.582	−0.598
Feb.	460	195	0.661	−0.160	5.976	0.391	0.334	−0.132
Mar.	404	98	−0.093	0.063	5.905	0.261	0.565	0.039
Apr.	394	106	0.706	−0.061	5.876	0.266	0.271	−0.050
May	312	107	−0.637	0.172	5.606	0.404	−1.169	0.061
Jun.	188	59	0.808	−0.137	5.137	0.300	−0.294	−0.138
Jul.	189	72	−0.225	0.025	5.055	0.455	−0.516	−0.049
Aug.	142	44	−0.368	0.166	4.822	0.336	−0.614	0.025
Sep.	142	57	0.712	0.834	4.758	0.362	−0.212	0.623
Oct.	238	111	0.398	0.499	5.271	0.525	−0.147	0.400
Nov.	288	215	1.881	−0.125	5.405	0.586	1.207	−0.096
Dec.	319	132	0.488	−0.187	5.604	0.438	0.039	−0.198



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