FIGURE D31
UPPER ERINA CREEK
0.5% AEP DESIGN FLOOD
PROVISIONAL HAZARD

N

Catchment Boundary

Upper / Lower catchment divide

Low Hazard

High Hazard

0 250 500 1,000
m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD31_Hazard_200y.mxd

FIGURE D32

LOWER ERINA CREEK
0.5% AEP DESIGN FLOOD
PROVISIONAL HAZARD

N

Catchment Boundary

Upper / Lower catchment divide

Low Hazard

High Hazard

0 250 500 1,000 m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD32_Lower_hazard_200y.mxd

FIGURE D33
UPPER ERINA CREEK
0.2% AEP DESIGN FLOOD
PROVISIONAL HAZARD

N

Catchment Boundary

Upper / Lower catchment divide

Low Hazard

High Hazard

0 250 500 1,000
m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD33_Hazard_500y.mxd

FIGURE D34
LOWER ERINA CREEK
0.2% AEP DESIGN FLOOD
PROVISIONAL HAZARD

N

Catchment Boundary

Upper / Lower catchment divide

Low Hazard

High Hazard

0 250 500 1,000
m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD34_Lower_hazard_500y.mxd

FIGURE D35
UPPER ERINA CREEK
PMF DESIGN EVENT
PROVISIONAL HAZARD

N

Catchment Boundary

Upper / Lower catchment divide

Low Hazard

High Hazard

0 250 500 1,000
m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD35_Hazard_PMF.mxd

FIGURE D36
LOWER ERINA CREEK
PMF DESIGN EVENT
PROVISIONAL HAZARD

N

Catchment Boundary

Upper / Lower catchment divide

Low Hazard

High Hazard

0 250 500 1,000
m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD36__Lower_hazard_PMF.mxd

FIGURE D37
UPPER ERINA CREEK
HYDRAULIC CATEGORISATION
5% AEP DESIGN FLOOD

N

Catchment Boundary

Upper / Lower catchment divide

Floodway

Flood Fringe

Flood Storage

0 250 500 1,000
m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD37_Upper_floodway_020v.mxd

FIGURE D38
LOWER ERINA CREEK
HYDRAULIC CATEGORISATION
5% AEP DESIGN FLOOD

N

Catchment Boundary

Upper / Lower catchment divide

Floodway

Flood Fringe

Flood Storage

0 250 500 1,000 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD38_Lower_Floodways_020v.mxd

FIGURE D39

UPPER ERINA CREEK
HYDRAULIC CATEGORISATION
1% AEP DESIGN FLOOD

N

Catchment Boundary

Upper / Lower catchment divide

Floodway

Flood Fringe

Flood Storage

Areas Subject to Approval at Time of DA

0 250 500 1,000 m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD39_Upper_floodway_100y.mxd

FIGURE D40
LOWER ERINA CREEK
HYDRAULIC CATEGORISATION
1% AEP DESIGN FLOOD

N

Catchment Boundary

Upper / Lower catchment divide

Floodway

Flood Fringe

Flood Storage

Areas Subject to Approval at Time of DA

0 250 500 1,000 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD40__Lower_Floodways_100y.mxd

FIGURE D41
UPPER ERINA CREEK
HYDRAULIC CATEGORISATION
PMF DESIGN EVENT

N

Catchment Boundary

Upper / Lower catchment divide

Floodway

Flood Fringe

Flood Storage

0 250 500 1,000
m

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD41_Upper_floodway_PMF.mxd

FIGURE D42
LOWER ERINA CREEK
HYDRAULIC CATEGORISATION
PMF DESIGN EVENT

N

Catchment Boundary

Upper / Lower catchment divide

Floodway

Flood Fringe

Flood Storgae

0 250 500 1,000 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD42_Lower_Floodways_PMF.mxd

FIGURE D43
UPPER ERINA CREEK
VELOCITY
5% AEP DESIGN FLOOD

N

Catchment Boundary

Upper / Lower catchment divide

Velocity (m/s)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

0 250 500 1,000 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD43__Upper_velocity_020v.mxd

FIGURE D44

LOWER ERINA CREEK
VELOCITY
5% AEP DESIGN FLOOD

N

Catchment Boundary

Upper / Lower catchment divide

Velocity (m/s)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

0 250 500 1,000 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD44_Lower_velocity_020y.mxd

FIGURE D45

UPPER ERINA CREEK
VELOCITY
1% AEP DESIGN FLOOD

N

Catchment Boundary

Upper / Lower catchment divide

Velocity (m/s)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

0 250 500 1,000 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD45__Upper_velocity_100y.mxd

FIGURE D46

LOWER ERINA CREEK
VELOCITY
1% AEP DESIGN FLOOD

N

Catchment Boundary

Upper / Lower catchment divide

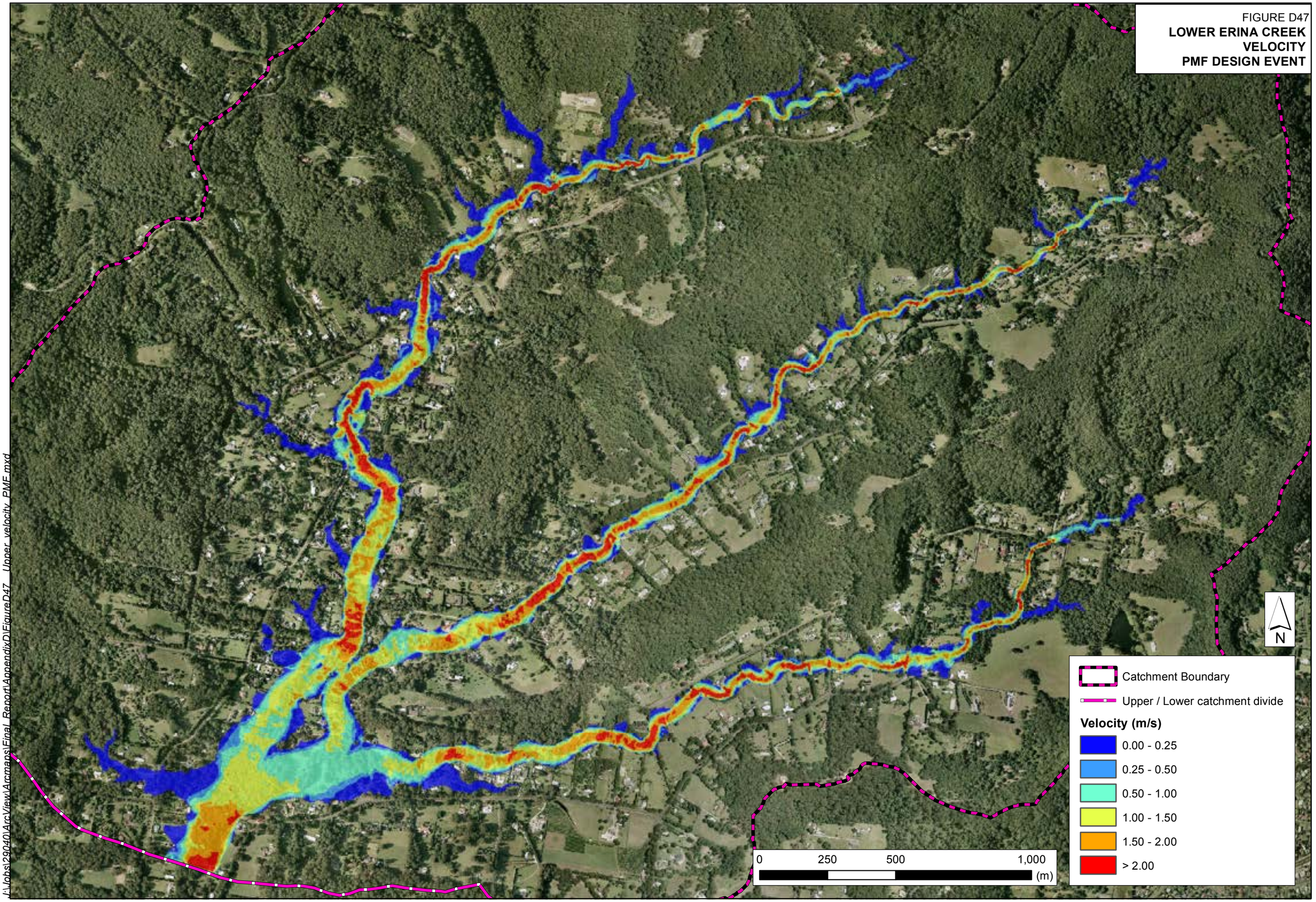
Velocity (m/s)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

0 250 500 1,000 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD46__Lower_velocity_100y.mxd

FIGURE D47
LOWER ERINA CREEK
VELOCITY
PMF DESIGN EVENT



J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD47_Upper_velocity_PMF.mxd

FIGURE D48

LOWER ERINA CREEK
VELOCITY
PMF DESIGN EVENT

N

Catchment Boundary

Upper / Lower catchment divide

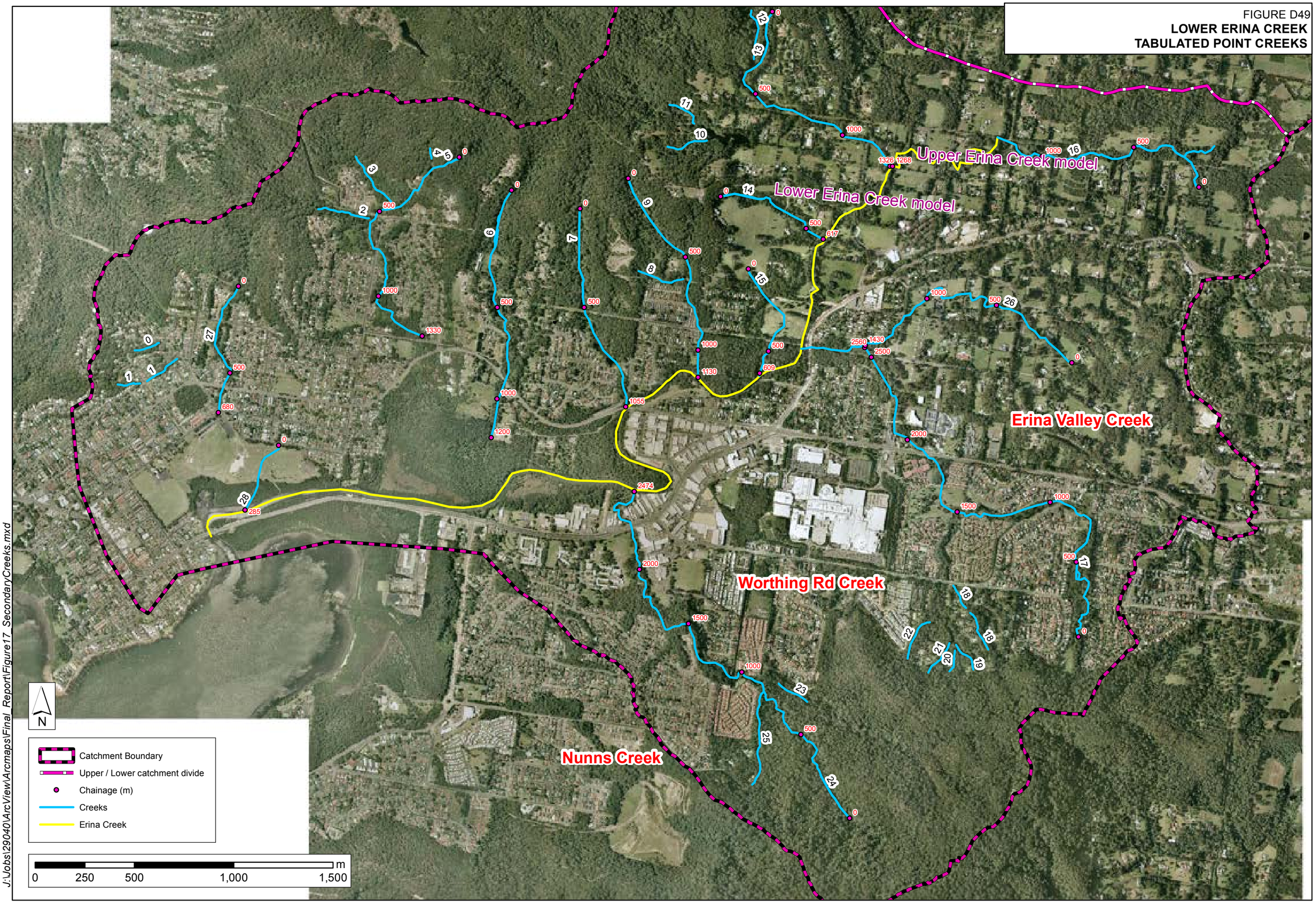
Velocity (m/s)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

0 250 500 1,000 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD48__Lower_velocity_PMF.mxd

FIGURE D49
LOWER ERINA CREEK
TABULATED POINT CREEKS



J:\Jobs\29040\ArcView\ArcmapsIFinal_Report\Figure17_SecondaryCreeks.mxd

FIGURE D50
LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 0 AND 1

00_2
00_3
00_4
00_5
00_6
00_7
00_8
00_9
00_10
00_11
00_12

01_2
01_3
01_4
01_5
01_6
01_7
01_8
01_9
01_10
01_11
EGN5.1

EGN5.2
01_12
01_13
01_14
01_15
01_16
01_17
01_18
01_19
01_20
01_21
01_22
01_23
01_24
01_25
01_26
01_27
01_28
01_29

N

Creeks
Tabulated Points

0 20 40 80
(m)

J:\Jobs\29040\ArcView\Arcmaps\AppendixF\FigureD50_Lower_TabulatedPoints_01.mxd

FIGURE D51
LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 2 AND 3

03_2
03_3
03_4
03_5
03_6
03_7
03_8
03_9
03_10
03_11
03_12
03_13
03_14
03_15
03_16
03_17
03_18
03_19
03_20
03_21
03_22
03_24
03_25
03_26
03_27
03_28
03_29
03_30
03_31

02_2
02_3
02_4
02_5
02_6
02_7
02_8
02_9
02_10
02_11
02_12
02_13
02_14
02_15
02_16
02_17
02_18
02_19
02_20
02_21
02_22
02_23
02_24
02_25
02_26
02_27

N

Creeks
Tabulated Points

0 25 50 100 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD51_Lower_TabulatedPoints_23.mxd

FIGURE D52
LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 4 AND 5

04_2
04_3
04_4
04_5
04_6
05_1
05_2
05_3
05_4
05_5
05_6
05_7
05_8

N

Creeks
Tabulated points

0 5 10 20
(m)

J:\Jobs\29040\ArcView\Arcmaps\Final Report\AppendixD\FigureD52_Lower_TabulatedPoints_45.mxd

FIGURE D53

LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 6 AND 7

06_1
06_2
06_3
06_4
06_5
06_6
06_7
06_8
06_9
06_10
06_11
06_12
06_13
06_14
06_15
06_16

07_1
07_2
07_3
07_4
07_5
07_6
07_7
07_8
07_9
07_10
07_11
07_12
07_13
07_14
07_15
07_16
07_17
07_18
07_19
07_20
07_21
07_22
07_23
07_24
07_25
07_26
07_27
07_28
07_29
07_31
07_32
07_33
07_34
07_35
07_36
07_37
07_38
07_39
07_40
07_41
07_42
07_43
07_44
07_45
07_46

0 10 20 40 (m)

0 25 50 100 (m)

N

Creeks

Tabulated points

J:\Jobs\29040\ArcView\Arcmaps\Final Report\AppendixD\FigureD53 Lower TabulatedPoints 67.mxd

FIGURE D54
LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 8 AND 9

08_25
08_24
08_23
08_22
08_21
08_20
08_19
08_18
08_17
08_16
08_15
08_14
08_13
08_12
08_11
08_10
08_9
08_8
08_7
08_6
08_5
08_4
08_3
08_2

09_2
09_3
09_4
09_5
09_6
09_7
09_8
09_9
09_10
09_11
09_12
09_13
09_14
09_15
09_16
09_17
09_18
09_19
09_20
09_21
09_22
09_23
09_24
09_25
09_26
09_27
09_28
09_29
09_31
09_32

N

0 10 20 40 (m)

0 15 30 60 (m)

Creeks
Tabulated Points

J:\Jobs\29040\ArcView\ArcmapsFinal_Report\AppendixD\FigureD54_Lower_TabulatedPoints_89.mxd

FIGURE D55

LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 10 AND 11

11_1
11_2
11_3
11_4
11_5
11_9
11_11
11_12
11_13
11_14
11_15
11_16
11_17

10_1
10_2
10_3
10_4
10_5
10_6
10_7
10_8
10_9
10_10
10_11
10_12
10_13
10_14
10_15
10_16
10_17
10_18
10_19
10_20
10_21
10_22

N

0 12.5 25 50 (m)

Creeks

Tabulated Points

J:\Jobs\29040\ArcView\Arcmaps\Final Report\AppendixD\FigureD55_Lower_TabulatedPoints_1011.mxd

FIGURE D56

LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 12 AND 13

12_1
12_2
12_3
12_5
12_6
12_7
12_8
12_10
12_11
12_13
12_14
12_15
12_16
12_17
12_18
12_19
12_20
12_21
12_22
12_23
12_24
12_25
12_26
12_27

13_22
13_23
13_24
13_25
13_26
13_27
13_28
13_1
13_2
13_3
13_4
13_5
13_6
13_7
13_8
13_9
13_10
13_11
13_12
13_13
13_14
13_15
13_16
13_17
13_18
13_19
13_20
13_21

N

Creeks

Tabulated Points

0 20 40 80
(m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD56_Lower_tabulatedPoints_1213.mxd

FIGURE D57

LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 14 AND 15

14_23
14_21
14_20
14_19
14_18
14_17
14_16
14_15
14_14
14_13
14_12
14_11
14_10
14_9
14_8
14_7
14_6
14_5
14_4
14_3
14_2

15_2
15_3
15_4
15_5
15_6
15_7
15_8
15_9
15_10
15_11
15_12
15_13
15_14

N

0 15 30 60 (m)

Creeks
Tabulated Points

J:\Jobs\29040\ArcView\Arcmaps\Final Report\AppendixD\FigureD57_Lower_TabulatedPoints_1415.mxd

FIGURE D58
LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEK 16

Upstream End

Upstream End

Downstream End

Creeks

Tabulated Points

0 15 30 60 (m)

0 25 50 100 (m)

0 25 50 100 (m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD58_Lower_TabulatedPoints_16.mxd

FIGURE D59

LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 17 AND 18

17_58
17_57
17_56
17_55
17_54
17_53
17_52
17_50 17_51
17_49
17_48
17_47
17_46
17_45
17_44
17_43
17_42
17_41
17_40
17_39
17_38
17_59
17_37
17_34
17_32
17_31
17_30
17_29
17_28
17_27
17_26
17_25
17_24
17_23
17_22
17_21
17_20
17_19
17_18
17_17
17_16
17_15
17_13
17_12
17_14
17_11
17_10
17_9
17_8
17_7
17_6
17_5
17_4
17_3
17_2

18_34
18_33
18_32
18_31
18_30
18_29
18_28
18_27
18_26
18_25
18_24
18_23
18_22
18_21
18_20
18_19
18_18
18_17
18_16
18_15
18_14
18_13
18_12
18_11
18_10
18_9
18_8
18_7
18_6
18_5
18_4
18_3
18_2

0 25 50 100 (m)

0 25 50 100 (m)

N

Creeks
Tabulated Points

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD59_Lower_TabulatedPoints_1718.mxd

FIGURE D60
LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 19, 20, 21

21_20
21_19
21_18
21_17
21_15
21_14
21_13
21_12
21_11
21_10
21_9
21_8
21_7
21_6
21_5
21_4
21_3
21_2

19_17
19_16
19_15
19_14
19_11
19_10
19_9
19_8
19_7
19_6
19_5
19_4
19_3
19_2
19_1

20_12
20_11
20_10
20_9
20_8
20_7
20_6
20_5
20_4
20_3
20_2
20_1

N

Creeks
Tabulated Points

0 12.5 25 50
(m)

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD60_Lower_TabulatedPoints_192021.mxd

FIGURE D61
LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 22 AND 23

22_1
22_2
22_3
22_4
22_5
22_6
22_7
22_8
22_9
22_10
22_11
22_12
22_13
22_14
22_15
22_16
22_17
22_18
22_19
22_20
22_21
22_22
22_23
22_24

23_1
23_3
23_4
23_5
23_6
23_7
23_8
23_9
23_10
23_11
23_12
23_13
23_14
23_15
23_16
23_17
23_18

0 15 30 60 (m)

0 15 30 60 (m)

N

Creeks

Tabulated Points

J:\Jobs\29040\ArcView\Arcmaps\Final_Report\AppendixD\FigureD61_Lower_TabulatedPoints_2223.mxd

FIGURE D62
LOWER ERINA CREEK
TABULATED RESULTS POINTS
CREEKS 24 AND 25

24_27
24_26
24_25
24_24
24_23
24_22
24_21
24_20
24_19
24_18
24_17
24_16
24_15
24_14
24_13
24_12
24_11
24_10
24_9
24_8
24_7
24_6
24_5
24_4
24_3
24_2
24_1

25_50
25_49
25_48
25_47
25_46
25_45
25_44
25_43
25_42
25_41
25_40
25_39
25_38
25_37
25_36
25_35
25_34
25_33
25_32
25_31
25_30
25_29
25_28
25_27
25_26
25_25
25_24
25_23
25_22
25_21
25_20
25_19
25_18
25_17
25_16
25_15
25_14
25_13
25_12
25_11
25_10
25_9
25_8
25_7
25_6
25_5
25_4
25_3
25_2

0 12.5 25 50 (m)

0 25 50 100 (m)

N

Creeks
Tabulated Points

J:\Jobs\29040\ArcView\Arcmaps\Final Report\AppendixD\FigureD62_Lower_TabulatedPoints_2425.mxd

INCREASE 0.4 m SEA LEVEL RISE

INCREASE 0.9m SEA LEVEL RISE

FIGURE D63
LOWER ERINA CREEK
SEA LEVEL RISE
1% AEP DESIGN FLOOD

N

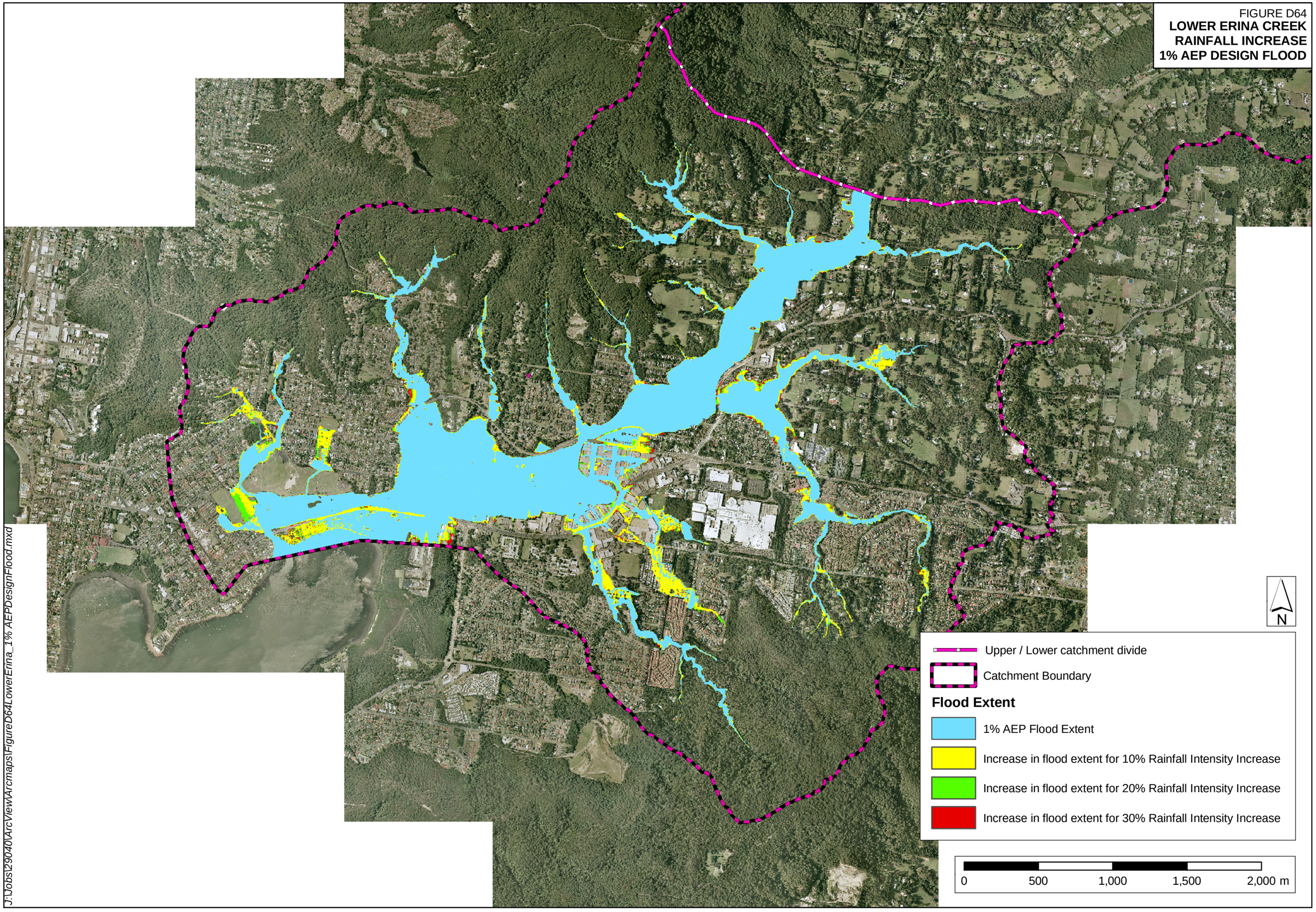
Increase in peak flood level (m)

- 0.0 - 0.1
- 0.1 - 0.2
- 0.2 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- 0.5 - 0.6
- 0.6 - 0.7
- 0.7 - 0.8
- 0.8 - 0.9
- 0.9 - 1.0
- Newly Flooded

0 500 1,000 1,500 m

J:\Jobs\29040\ArcView\Arcmaps\FigureD63LowerErina_1%_AEP&SLR.mxd

FIGURE D64
LOWER ERINA CREEK
RAINFALL INCREASE
1% AEP DESIGN FLOOD



J:\Jobs\29040\ArcView\Arcmaps\FigureD64LowerErina_1% AEPDesignFlood.mxd

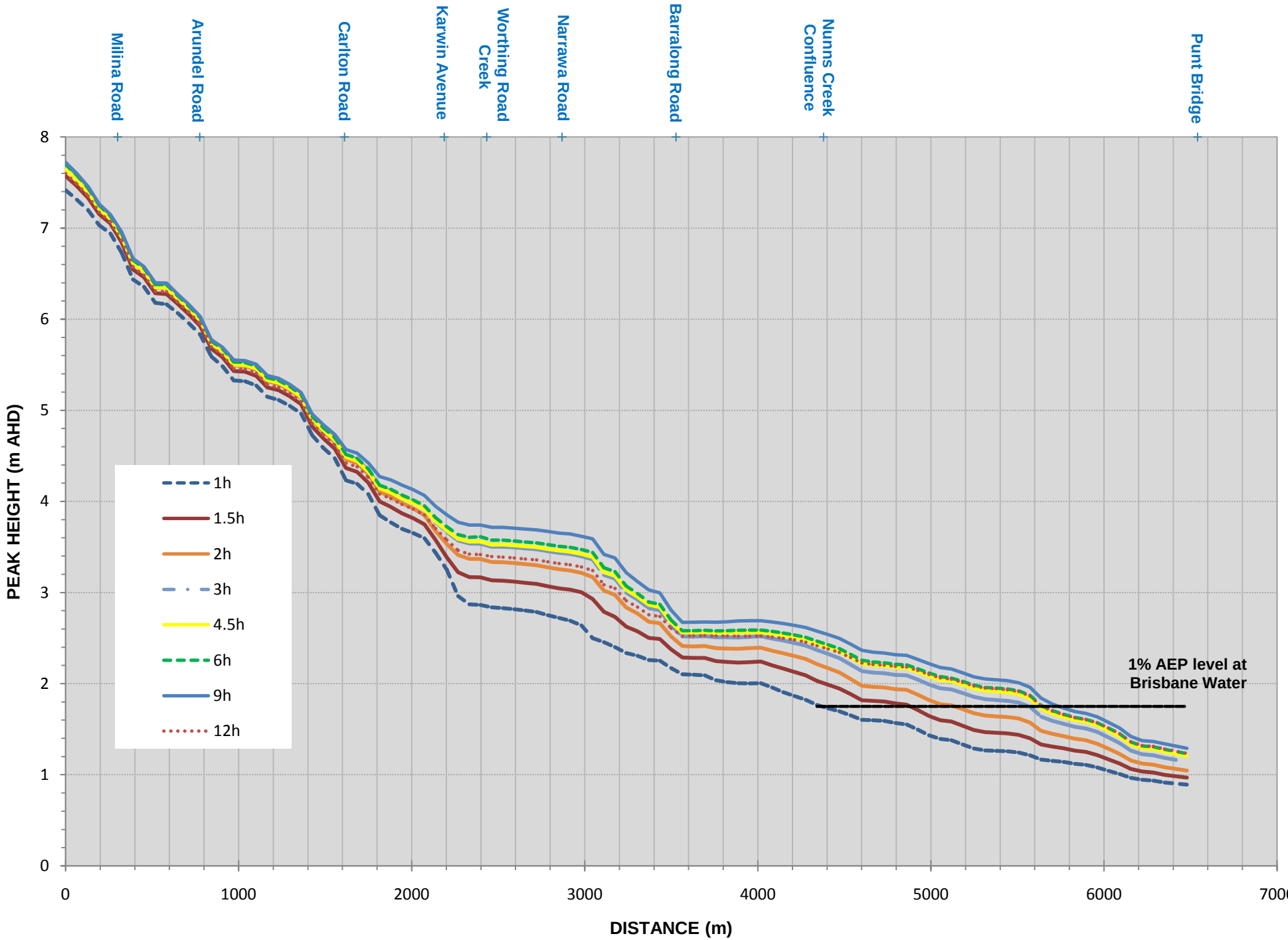


FIGURE D65
PEAK HEIGHT PROFILES
1% AEP DESIGN FLOODS