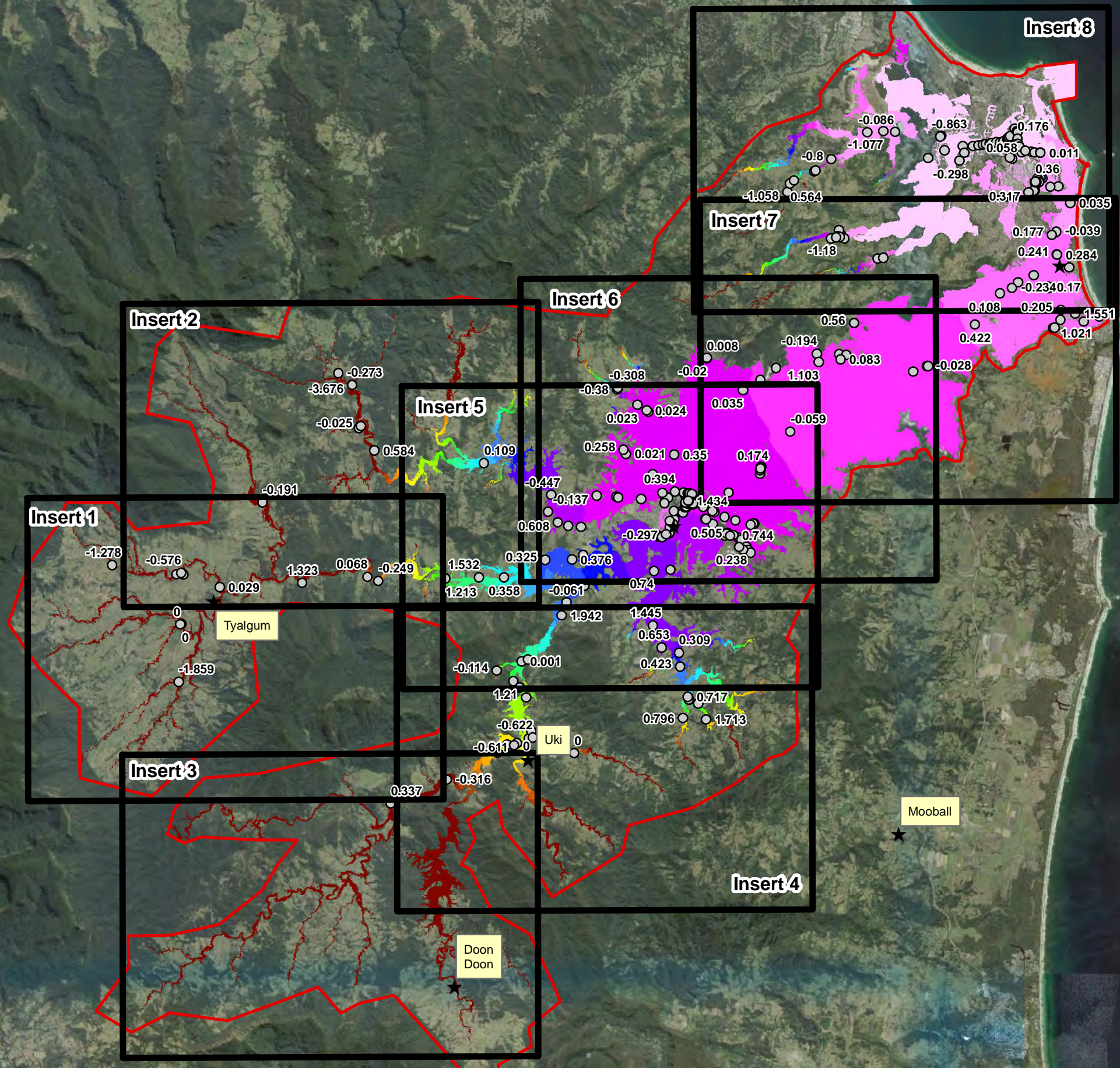




## **APPENDIX G.      2022 FLOOD MAPS**



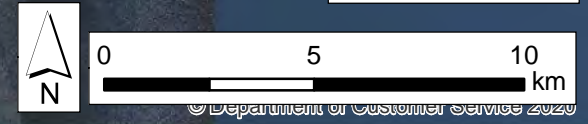
FIGURE G-1  
 TWEED VALLEY FLOOD STUDY  
 HYDRAULIC MODEL  
 2022 EVENT



★ Townships  
 ○ Diff Model - Rec  
 [Red Outline] Model Extent

**Flood Level (mAHD)**

[White]	<1
[Light Pink]	1 - 2
[Pink]	2 - 3
[Magenta]	3 - 4
[Purple]	4 - 5
[Dark Purple]	5 - 6
[Violet]	6 - 7
[Blue-Violet]	7 - 8
[Blue]	8 - 9
[Dark Blue]	9 - 10
[Medium Blue]	10 - 11
[Light Blue]	11 - 12
[Cyan]	12 - 13
[Teal]	13 - 14
[Green-Teal]	14 - 15
[Light Green]	15 - 16
[Green]	16 - 17
[Yellow-Green]	17 - 18
[Yellow]	18 - 19
[Light Yellow]	19 - 20
[Yellow-Orange]	20 - 21
[Yellow]	21 - 22
[Yellow-Orange]	22 - 23
[Orange]	23 - 24
[Orange]	24 - 25
[Dark Orange]	25 - 26
[Dark Orange]	26 - 27
[Brown-Orange]	27 - 28
[Brown-Orange]	28 - 29
[Dark Brown]	29 - 30
[Dark Brown]	30 - 31
[Dark Red]	>31

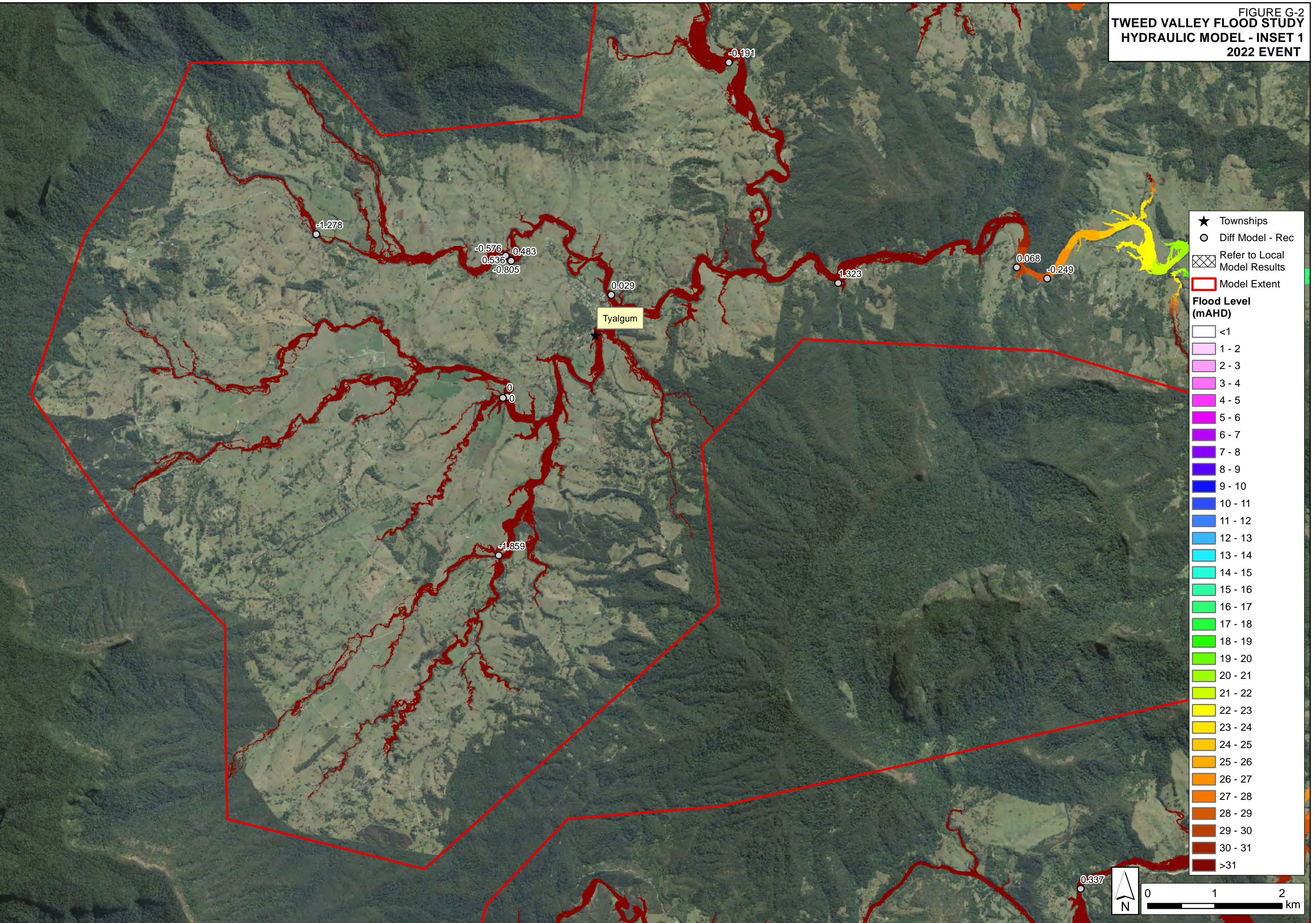


J:\Jobs\120068\GIS\ArcMap\Appendix G\Figure\_G-1\_Tweed\_Hydraulic\_Model\_2022.mxd



FIGURE G-2  
 TWEED VALLEY FLOOD STUDY  
 HYDRAULIC MODEL - INSET 1  
 2022 EVENT

K:\Jobs\120068\GIS\ArcMap\Stage 2 Report Figures\Appendix G\Figure\_G-2\_Tweed\_Hydraulic\_Model\_2022\_inset\_1.mxd



- ★ Townships
  - Diff Model - Rec
  - ⊠ Refer to Local Model Results
  - ▭ Model Extent
- Flood Level (mAHD)**
- <1
  - 1 - 2
  - 2 - 3
  - 3 - 4
  - 4 - 5
  - 5 - 6
  - 6 - 7
  - 7 - 8
  - 8 - 9
  - 9 - 10
  - 10 - 11
  - 11 - 12
  - 12 - 13
  - 13 - 14
  - 14 - 15
  - 15 - 16
  - 16 - 17
  - 17 - 18
  - 18 - 19
  - 19 - 20
  - 20 - 21
  - 21 - 22
  - 22 - 23
  - 23 - 24
  - 24 - 25
  - 25 - 26
  - 26 - 27
  - 27 - 28
  - 28 - 29
  - 29 - 30
  - 30 - 31
  - >31

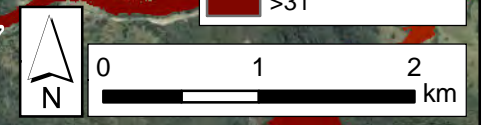
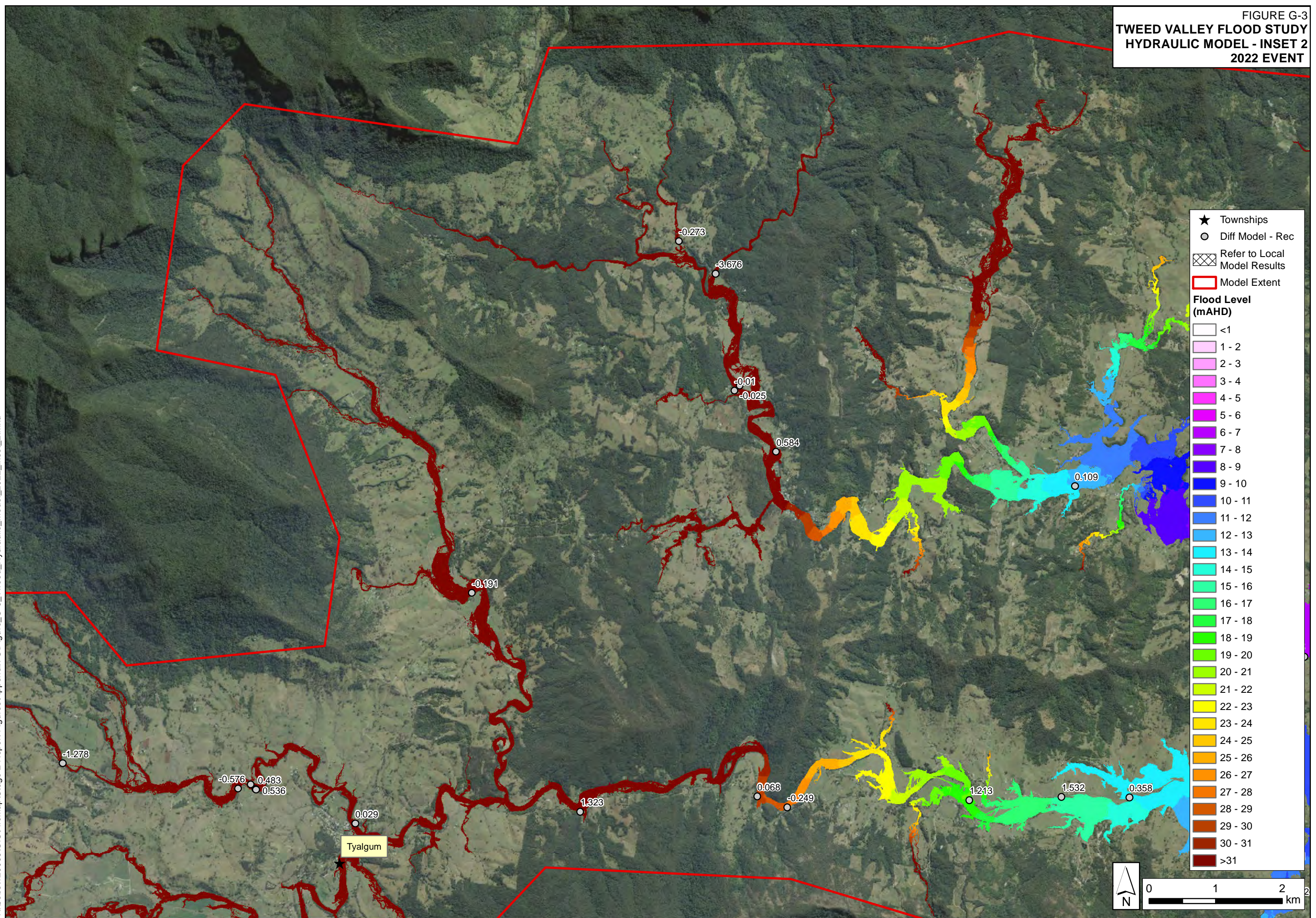




FIGURE G-3  
 TWEED VALLEY FLOOD STUDY  
 HYDRAULIC MODEL - INSET 2  
 2022 EVENT

K:\Jobs\120068\GIS\ArcMap\Stage 2 Report Figures\Appendix G\Figure\_G-3\_Tweed\_Hydraulic\_Model\_2022\_inset\_2.mxd



Tyalgum

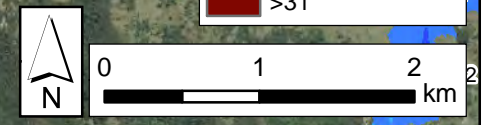
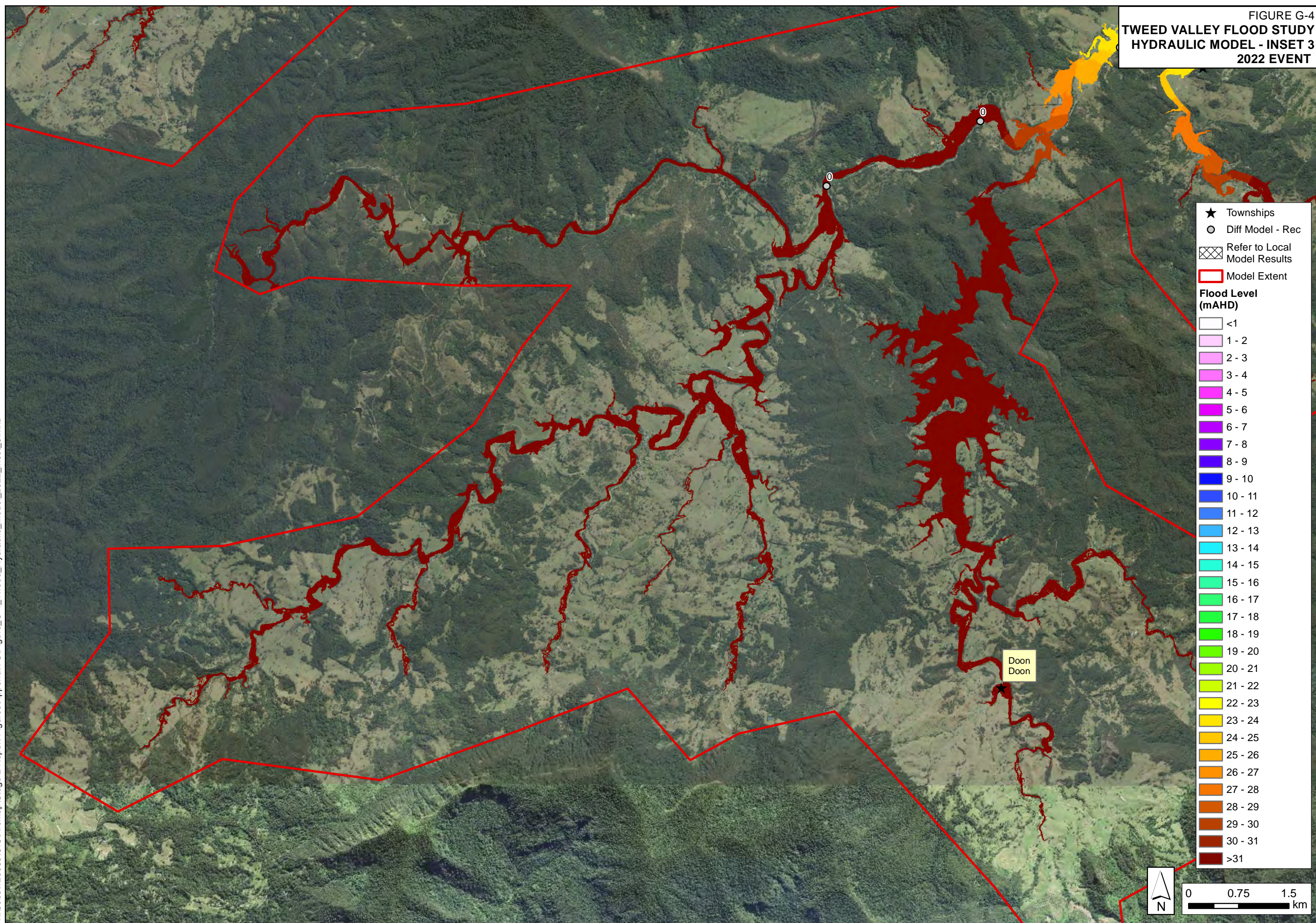




FIGURE G-4  
 TWEED VALLEY FLOOD STUDY  
 HYDRAULIC MODEL - INSET 3  
 2022 EVENT



- ★ Townships
- Diff Model - Rec
- ⊠ Refer to Local Model Results
- ▭ Model Extent

**Flood Level (mAHD)**

<1
1 - 2
2 - 3
3 - 4
4 - 5
5 - 6
6 - 7
7 - 8
8 - 9
9 - 10
10 - 11
11 - 12
12 - 13
13 - 14
14 - 15
15 - 16
16 - 17
17 - 18
18 - 19
19 - 20
20 - 21
21 - 22
22 - 23
23 - 24
24 - 25
25 - 26
26 - 27
27 - 28
28 - 29
29 - 30
30 - 31
>31

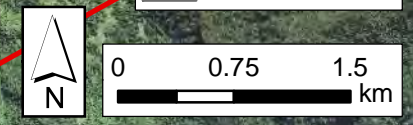
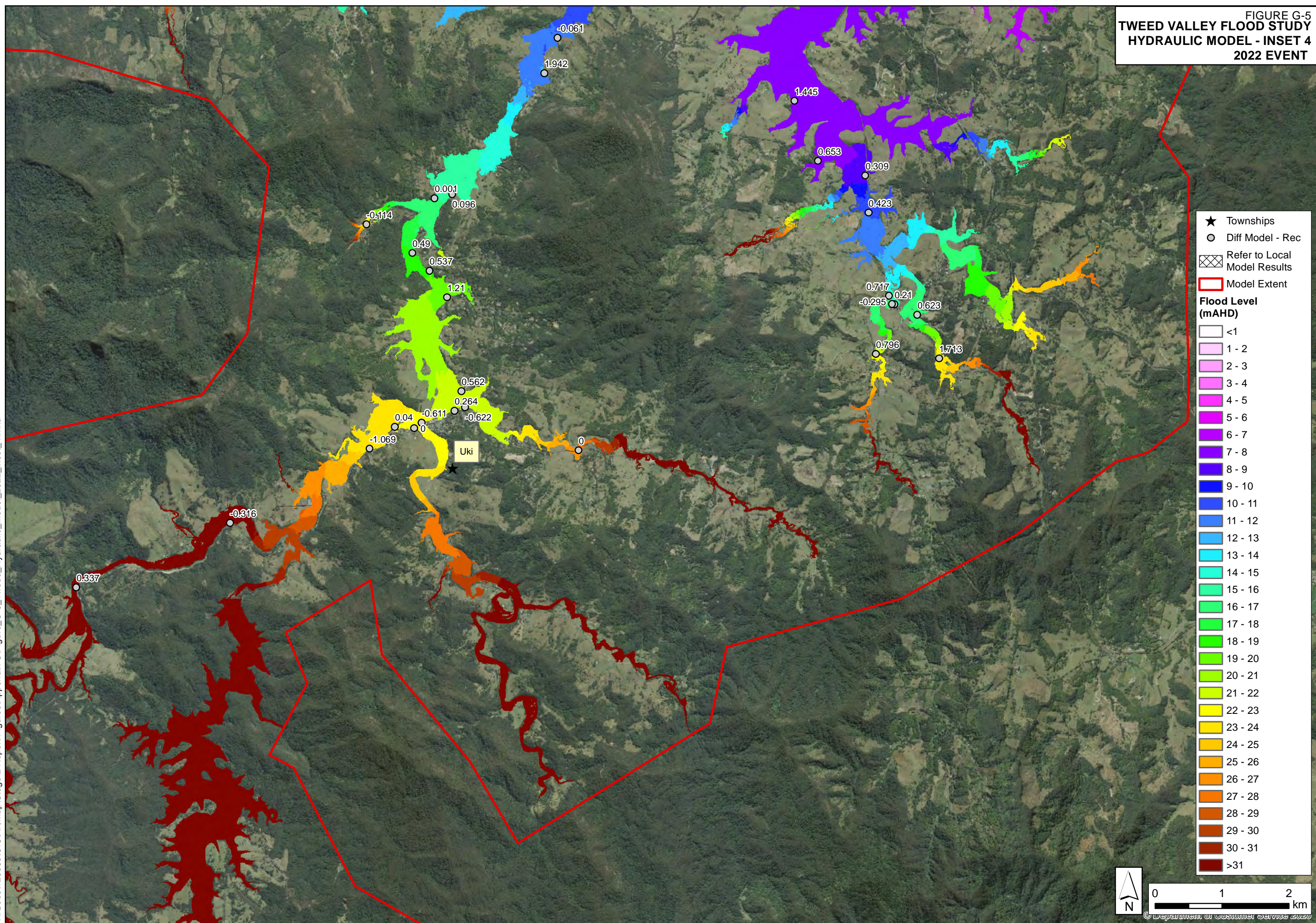




FIGURE G-5  
 TWEED VALLEY FLOOD STUDY  
 HYDRAULIC MODEL - INSET 4  
 2022 EVENT

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- ★ Townships
- Diff Model - Rec
- ⊠ Refer to Local Model Results
- ▭ Model Extent

**Flood Level (mAHd)**

□	<1
□	1 - 2
□	2 - 3
□	3 - 4
□	4 - 5
□	5 - 6
□	6 - 7
□	7 - 8
□	8 - 9
□	9 - 10
□	10 - 11
□	11 - 12
□	12 - 13
□	13 - 14
□	14 - 15
□	15 - 16
□	16 - 17
□	17 - 18
□	18 - 19
□	19 - 20
□	20 - 21
□	21 - 22
□	22 - 23
□	23 - 24
□	24 - 25
□	25 - 26
□	26 - 27
□	27 - 28
□	28 - 29
□	29 - 30
□	30 - 31
□	>31

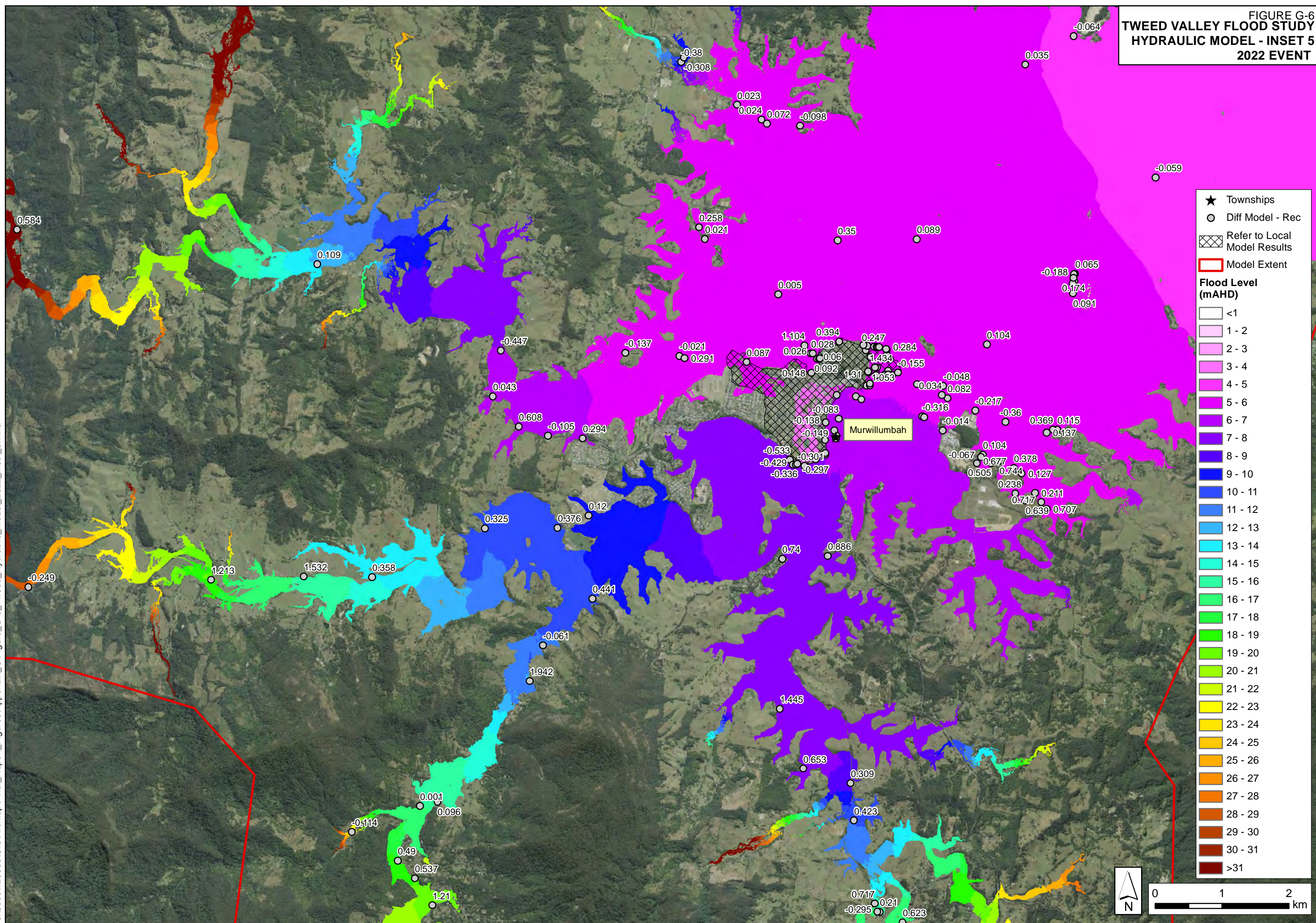
0 1 2 km

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FIGURE G-6  
**TWEED VALLEY FLOOD STUDY**  
**HYDRAULIC MODEL - INSET 5**  
**2022 EVENT**

J:\Jobs\120068\GIS\ArcMap\Final\_Report\_Figures\Appendix\_G\Figure\_G-6\_Tweed\_Hydraulic\_Model\_2022\_inset\_5.mxd



★ Townships  
 ○ Diff Model - Rec  
 ☒ Refer to Local Model Results  
 [Red Line] Model Extent

**Flood Level (mAHD)**

[Lightest Pink]	<1
[Light Pink]	1 - 2
[Pink]	2 - 3
[Light Purple]	3 - 4
[Purple]	4 - 5
[Dark Purple]	5 - 6
[Violet]	6 - 7
[Blue-Violet]	7 - 8
[Blue]	8 - 9
[Dark Blue]	9 - 10
[Medium Blue]	10 - 11
[Light Blue]	11 - 12
[Cyan]	12 - 13
[Light Cyan]	13 - 14
[Green-Cyan]	14 - 15
[Green]	15 - 16
[Light Green]	16 - 17
[Yellow-Green]	17 - 18
[Yellow]	18 - 19
[Light Yellow]	19 - 20
[Yellow-Orange]	20 - 21
[Orange]	21 - 22
[Light Orange]	22 - 23
[Orange-Red]	23 - 24
[Orange]	24 - 25
[Dark Orange]	25 - 26
[Red-Orange]	26 - 27
[Red]	27 - 28
[Dark Red]	28 - 29
[Very Dark Red]	29 - 30
[Darkest Red]	30 - 31
[Black]	>31

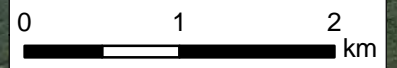
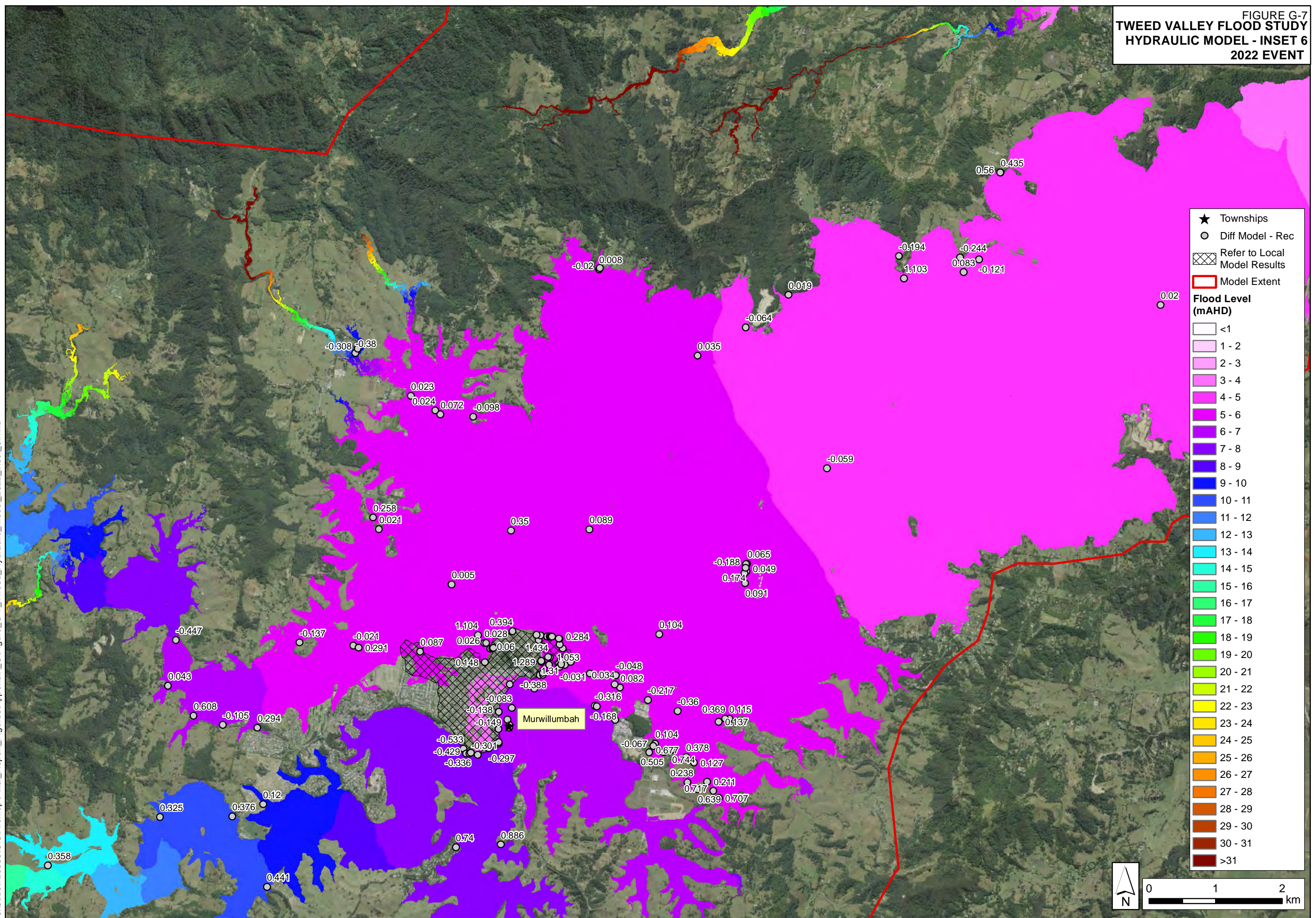




FIGURE G-7  
 TWEED VALLEY FLOOD STUDY  
 HYDRAULIC MODEL - INSET 6  
 2022 EVENT

J:\Jobs\120068\GIS\ArcMap\Final\_Report\_Figures\Appendix\_G\Figure\_G-7\_Tweed\_Hydraulic\_Model\_2022\_inset\_6.mxd



- ★ Townships
- Diff Model - Rec
- ▨ Refer to Local Model Results
- ▭ Model Extent

**Flood Level (mAHD)**

Lightest Pink	<1
Light Pink	1 - 2
Medium-Light Pink	2 - 3
Medium Pink	3 - 4
Dark Pink	4 - 5
Red-Orange	5 - 6
Orange	6 - 7
Dark Orange	7 - 8
Red	8 - 9
Dark Red	9 - 10
Very Dark Red	10 - 11
Black	11 - 12
Black	12 - 13
Black	13 - 14
Black	14 - 15
Black	15 - 16
Black	16 - 17
Black	17 - 18
Black	18 - 19
Black	19 - 20
Black	20 - 21
Black	21 - 22
Black	22 - 23
Black	23 - 24
Black	24 - 25
Black	25 - 26
Black	26 - 27
Black	27 - 28
Black	28 - 29
Black	29 - 30
Black	30 - 31
Black	>31

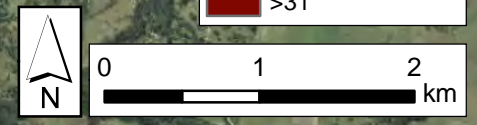
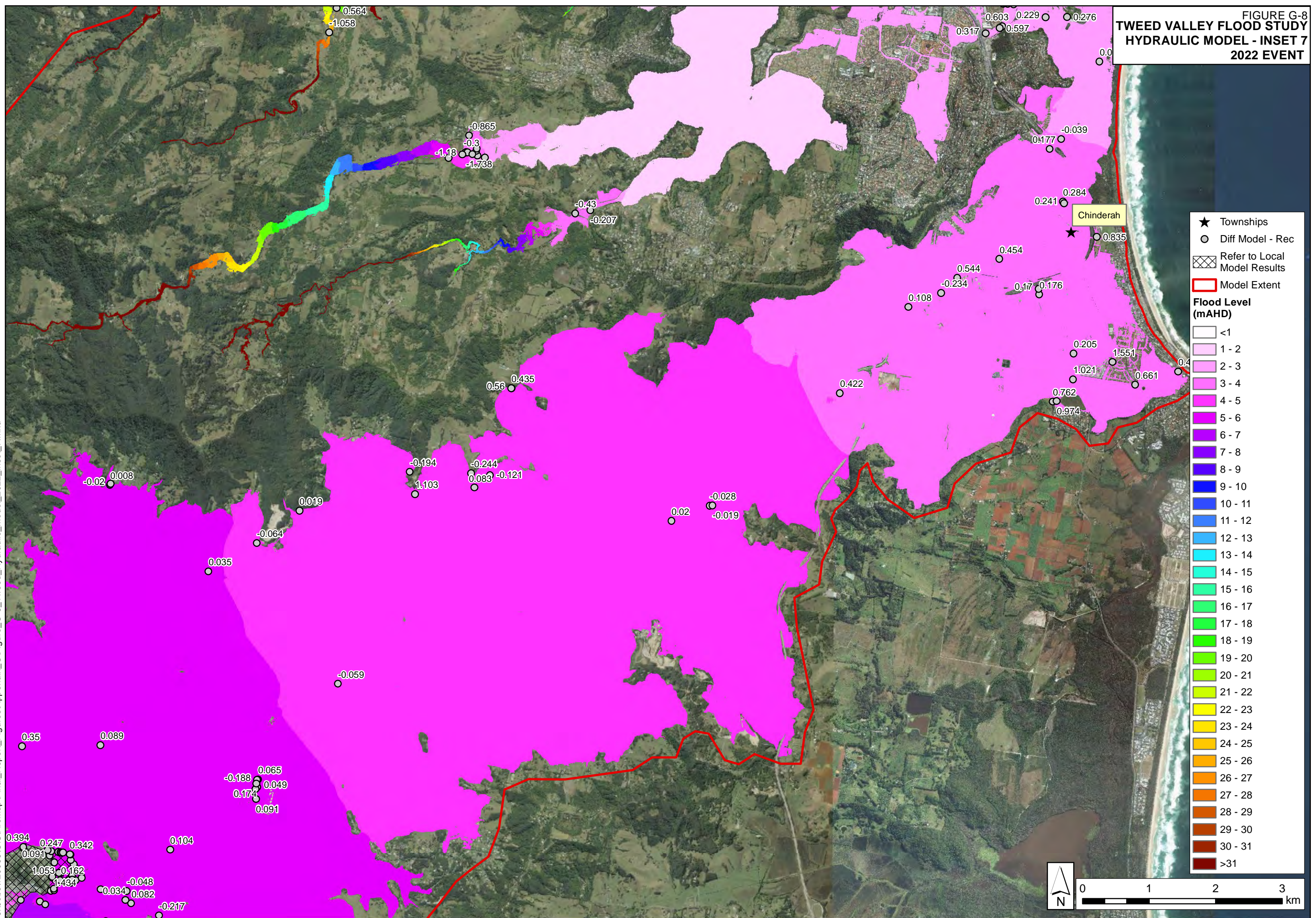




FIGURE G-8  
**TWEED VALLEY FLOOD STUDY**  
**HYDRAULIC MODEL - INSET 7**  
**2022 EVENT**

J:\Jobs\120068\GIS\ArcMap\Final\_Report\_Figures\Appendix\_G\Figure\_G-8\_Tweed\_Hydraulic\_Model\_2022\_inset\_7.mxd



★ Townships  
 ○ Diff Model - Rec  
 ☒ Refer to Local Model Results  
 [Red Line] Model Extent

**Flood Level (mAHD)**

[Lightest Pink]	<1
[Light Pink]	1 - 2
[Pink]	2 - 3
[Light Magenta]	3 - 4
[Magenta]	4 - 5
[Purple-Magenta]	5 - 6
[Purple]	6 - 7
[Dark Purple]	7 - 8
[Blue-Purple]	8 - 9
[Blue]	9 - 10
[Dark Blue]	10 - 11
[Medium Blue]	11 - 12
[Light Blue]	12 - 13
[Cyan]	13 - 14
[Light Cyan]	14 - 15
[Green-Cyan]	15 - 16
[Green]	16 - 17
[Light Green]	17 - 18
[Yellow-Green]	18 - 19
[Yellow]	19 - 20
[Light Yellow]	20 - 21
[Yellow-Orange]	21 - 22
[Orange]	22 - 23
[Dark Orange]	23 - 24
[Red-Orange]	24 - 25
[Red]	25 - 26
[Dark Red]	26 - 27
[Brown-Red]	27 - 28
[Brown]	28 - 29
[Dark Brown]	29 - 30
[Very Dark Brown]	30 - 31
[Darkest Brown]	>31

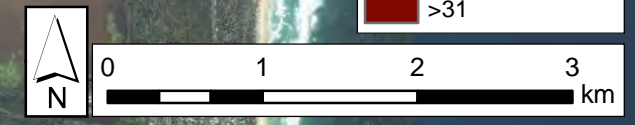
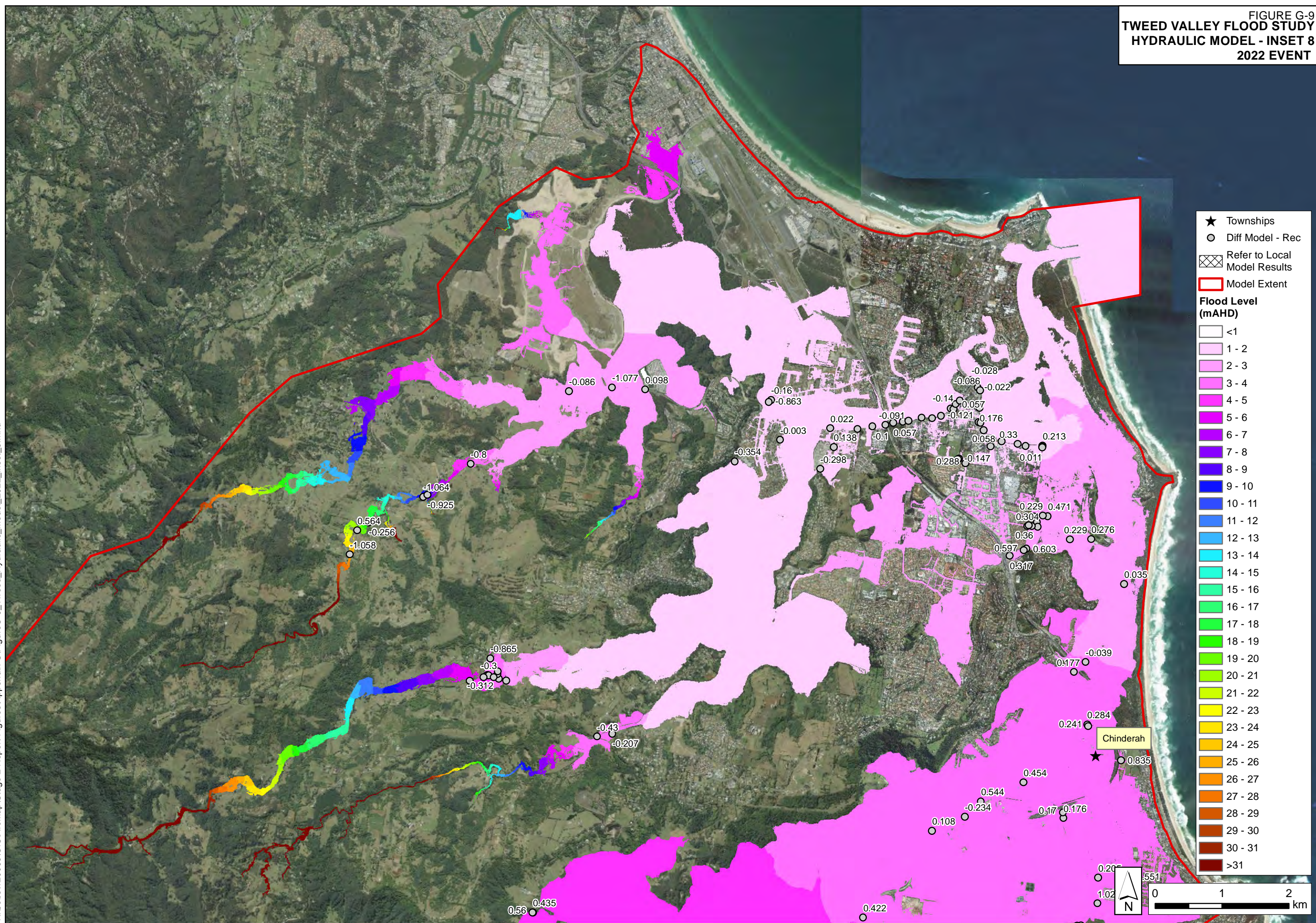




FIGURE G-9  
 TWEED VALLEY FLOOD STUDY  
 HYDRAULIC MODEL - INSET 8  
 2022 EVENT

K:\Jobs\120068\GIS\ArcMap\Stage 2 Report Figures\Appendix G\FigureG-9\_Tweed\_Hydraulic\_Model\_2022\_inset\_8.mxd



- ★ Townships
- Diff Model - Rec
- ▨ Refer to Local Model Results
- ▭ Model Extent

**Flood Level (mAHW)**

White	<1
Light Pink	1 - 2
Pink	2 - 3
Magenta	3 - 4
Bright Magenta	4 - 5
Dark Magenta	5 - 6
Dark Purple	6 - 7
Dark Blue	7 - 8
Blue	8 - 9
Light Blue	9 - 10
Lighter Blue	10 - 11
Very Light Blue	11 - 12
Lightest Blue	12 - 13
Lightest Cyan	13 - 14
Lightest Green	14 - 15
Light Green	15 - 16
Lighter Green	16 - 17
Light Green	17 - 18
Lighter Green	18 - 19
Light Green	19 - 20
Lighter Green	20 - 21
Light Green	21 - 22
Lighter Green	22 - 23
Light Green	23 - 24
Lighter Green	24 - 25
Light Green	25 - 26
Lighter Green	26 - 27
Light Green	27 - 28
Lighter Green	28 - 29
Light Green	29 - 30
Lighter Green	30 - 31
Light Green	>31

Chinderah

