



The Sizewell C Project

5.5 Two Village Bypass Flood Risk Assessment Appendix A Two Village Bypass Modelling Report - Appendix B Part 1 of 2

Revision: 1.0
Applicable Regulation: Regulation 5(2)(e)
PINS Reference Number: EN010012

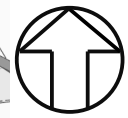
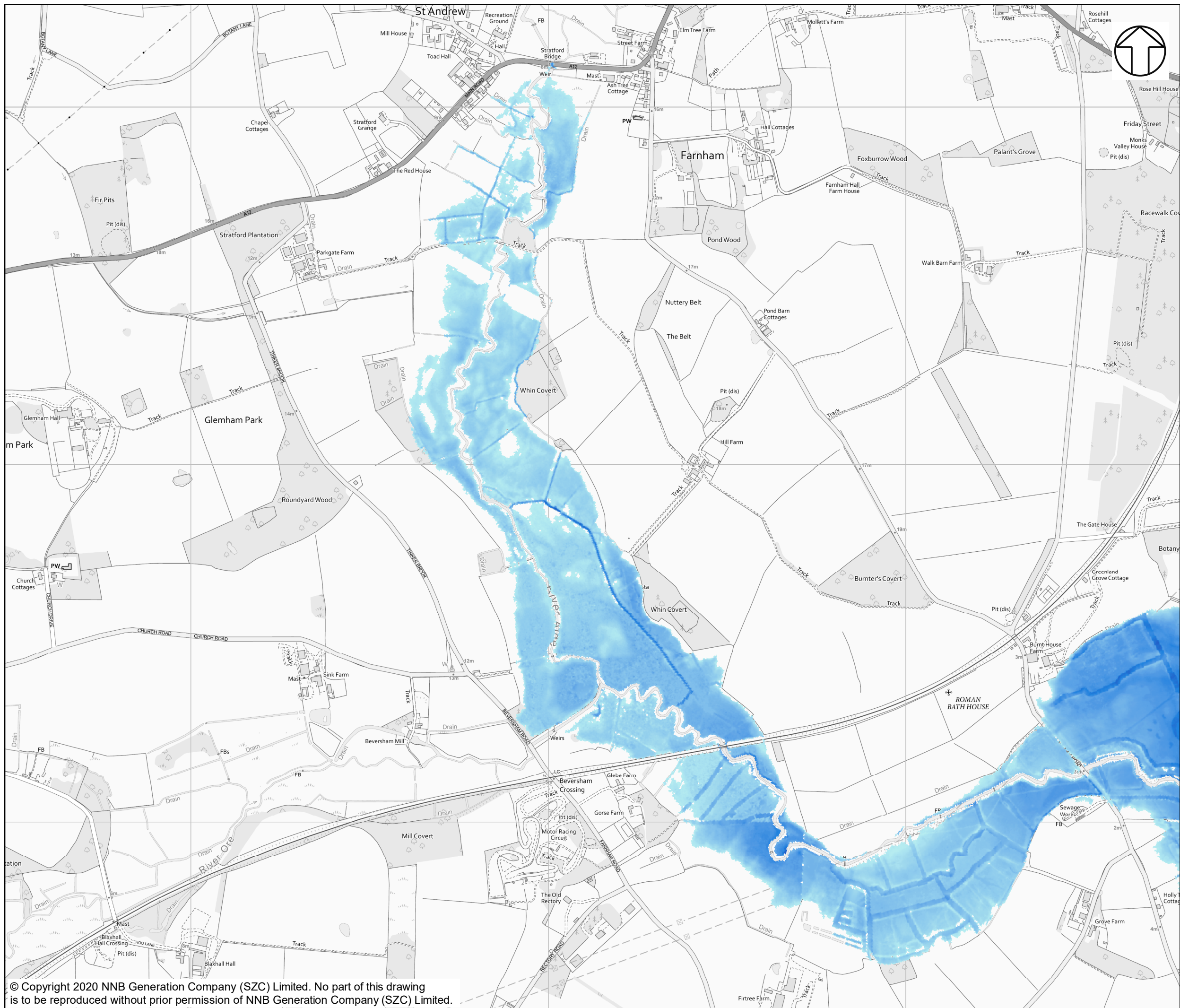
May 2020

Planning Act 2008
Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009



Appendix B: 2VB Fluvial model results – ‘With scheme’ flood depth, hazard and velocity

RHDHV, November 2019

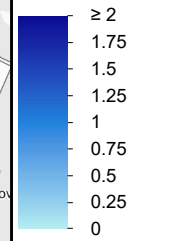


NOTES

KEY

WITH SCHEME 20 YEAR PRESENT DAY

FLOOD DEPTH (M)



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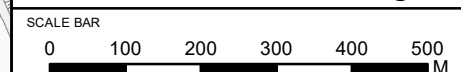


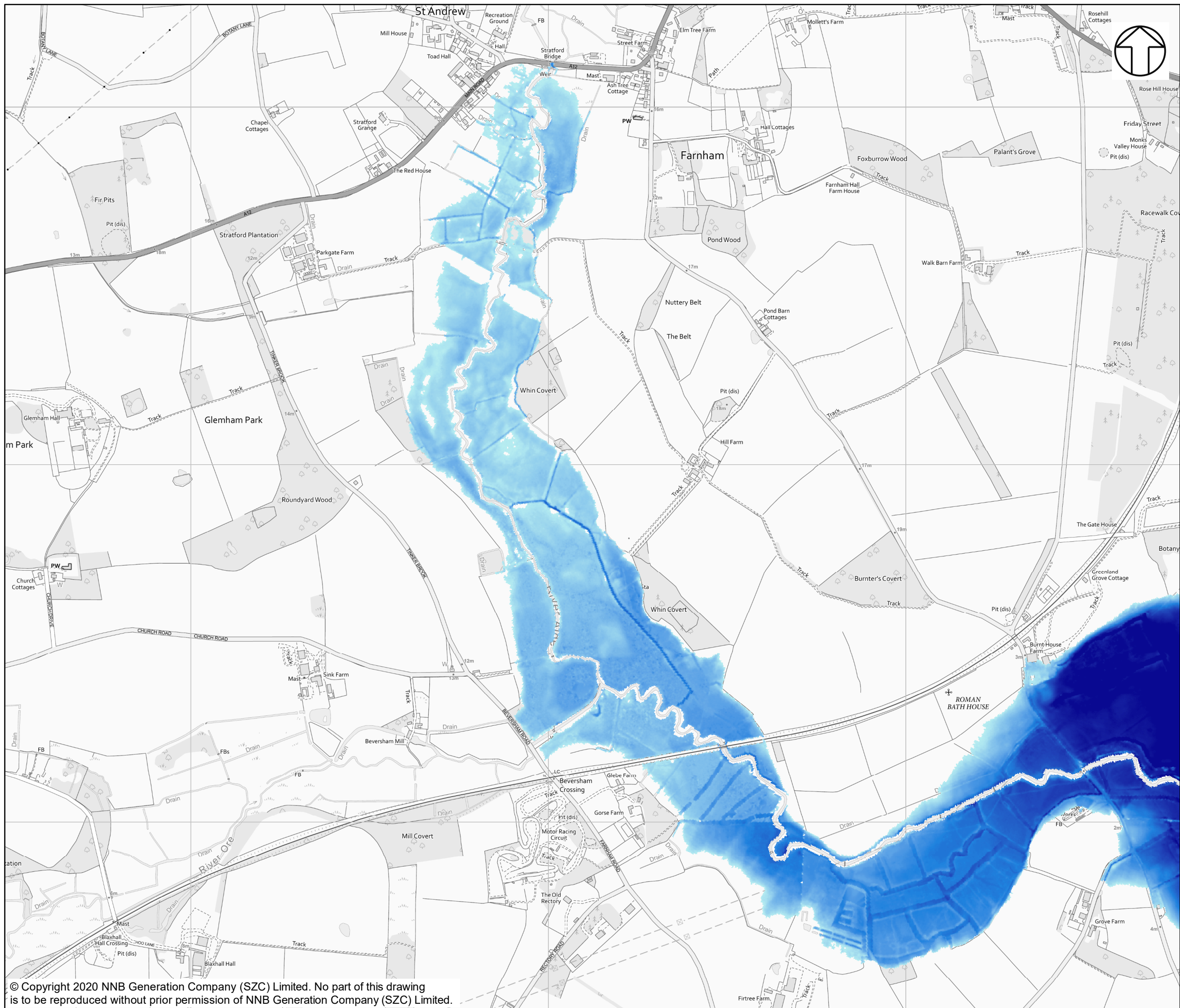
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 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

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 WITH SCHEME FLOOD DEPTH
 20 YEAR PRESENT DAY

DRAWING NO:
 FIGURE B.1

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3



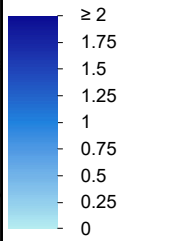


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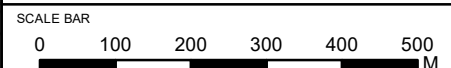


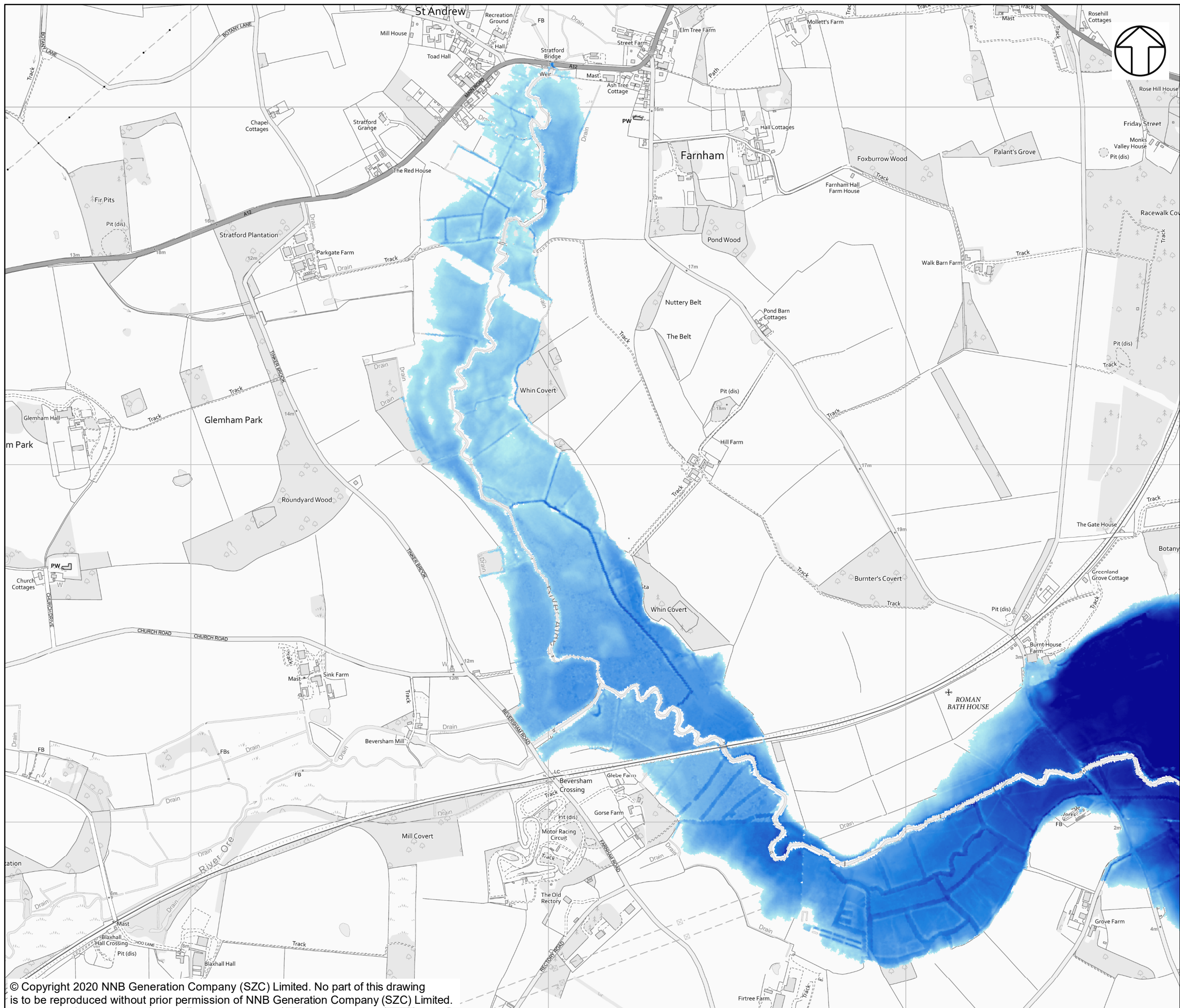
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TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

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DRAWING NO:
FIGURE B.2

DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**



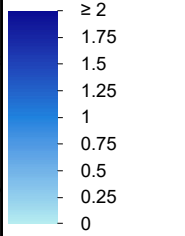


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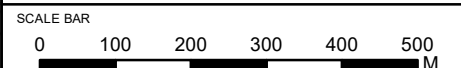


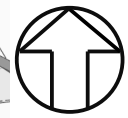
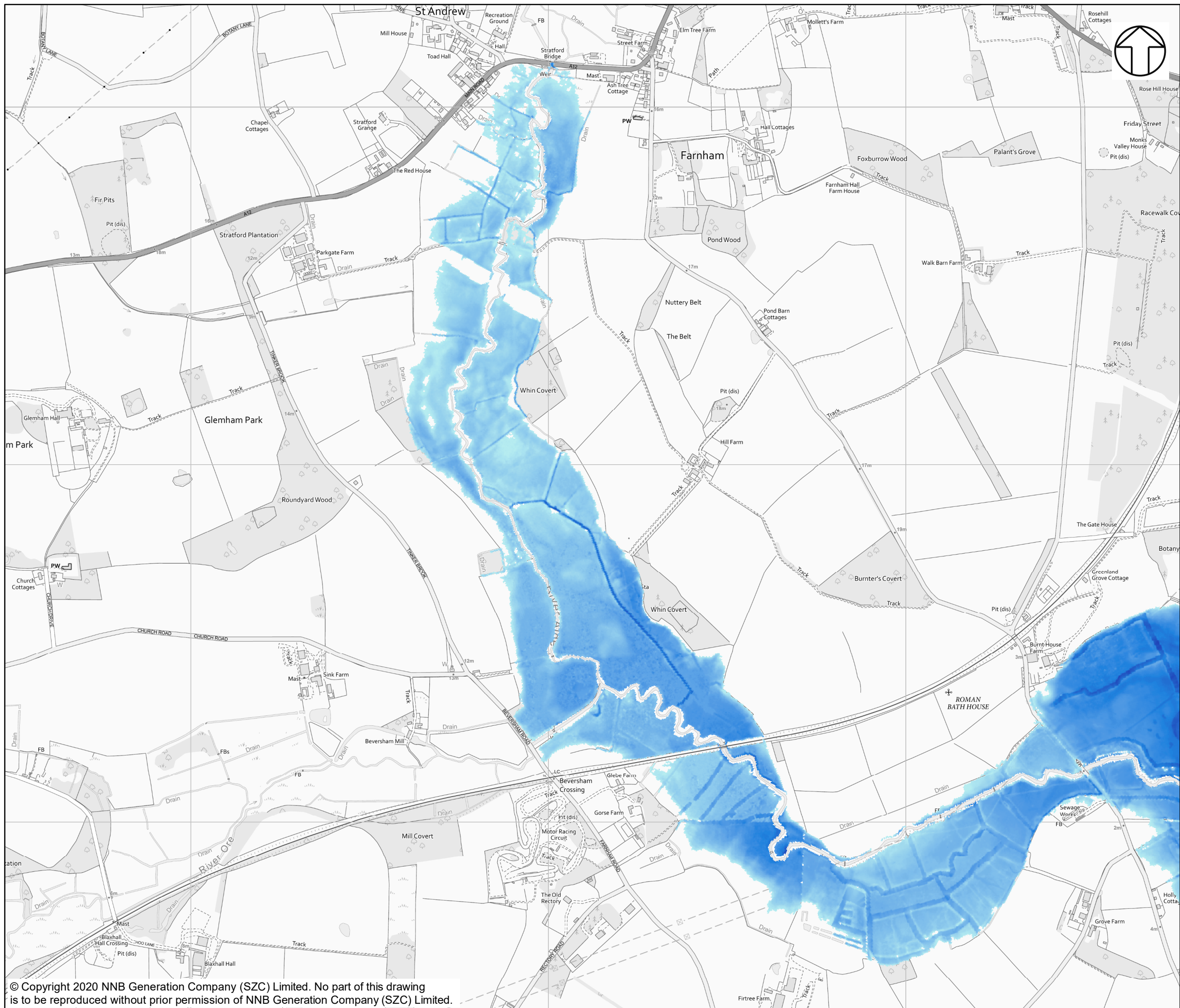
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
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 20 YEAR +65CC

DRAWING NO:
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DATE: JAN 2020 DRAWN: P.S. SCALE: 1:10,000 @A3



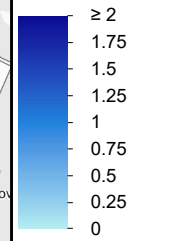


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FLOOD DEPTH (M)



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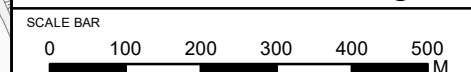


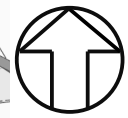
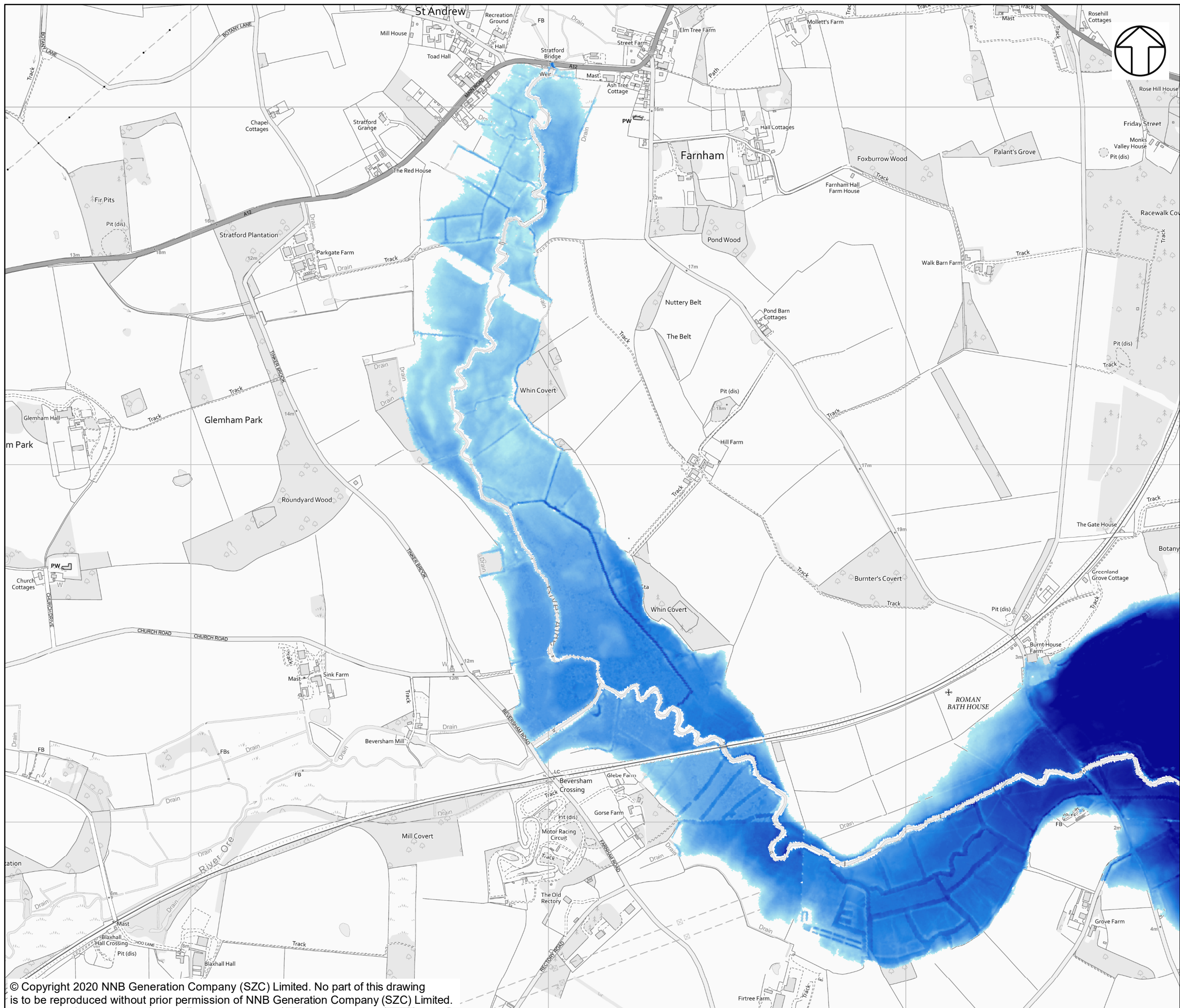
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

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DRAWING NO:
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DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3



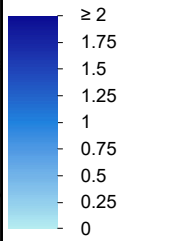


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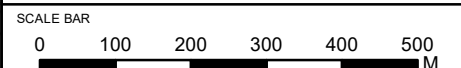


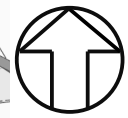
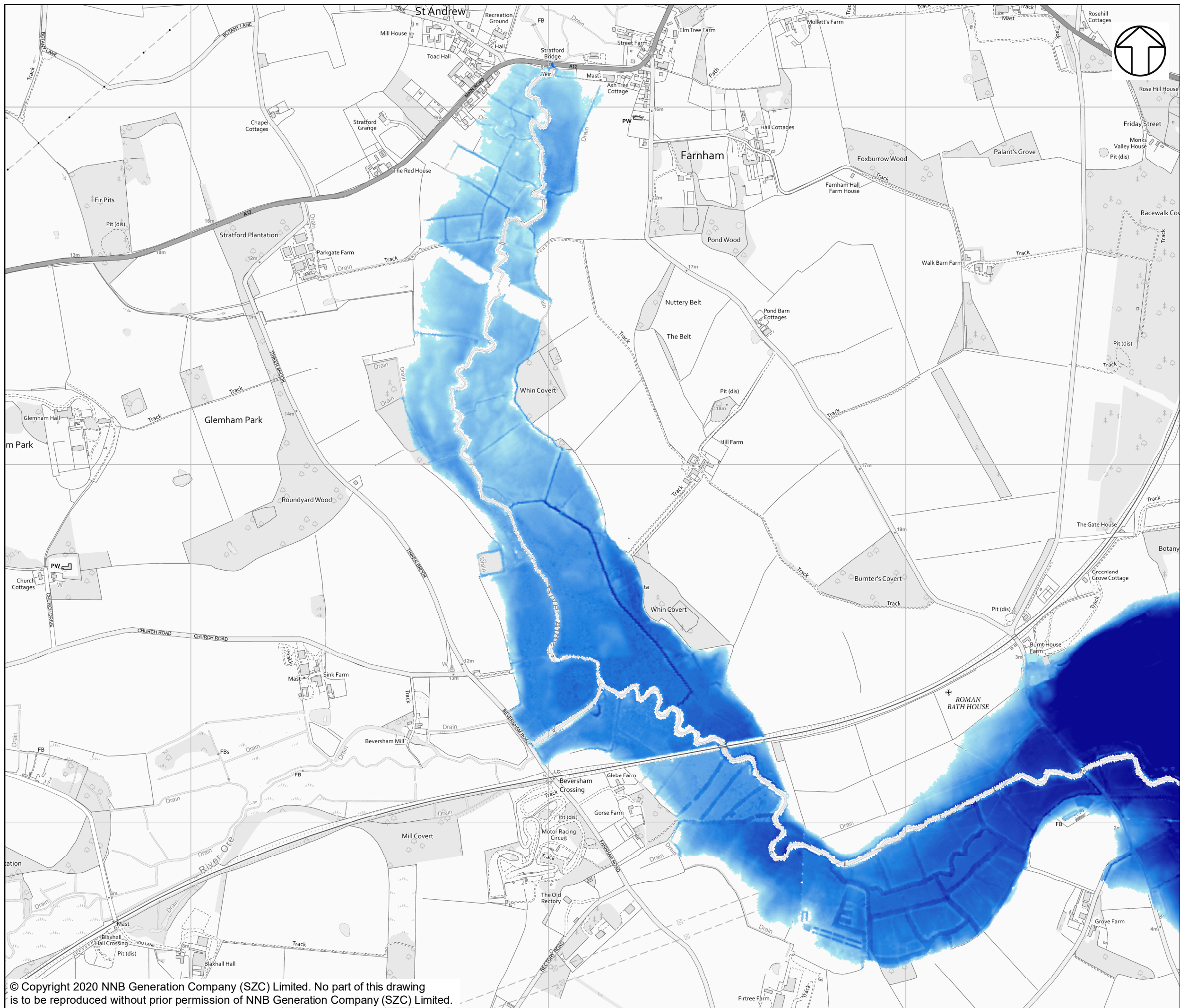
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TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD DEPTH
100 YEAR +35CC

DRAWING NO:
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DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**



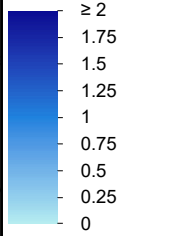


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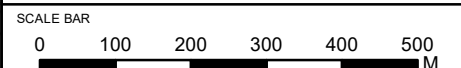


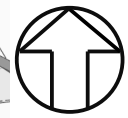
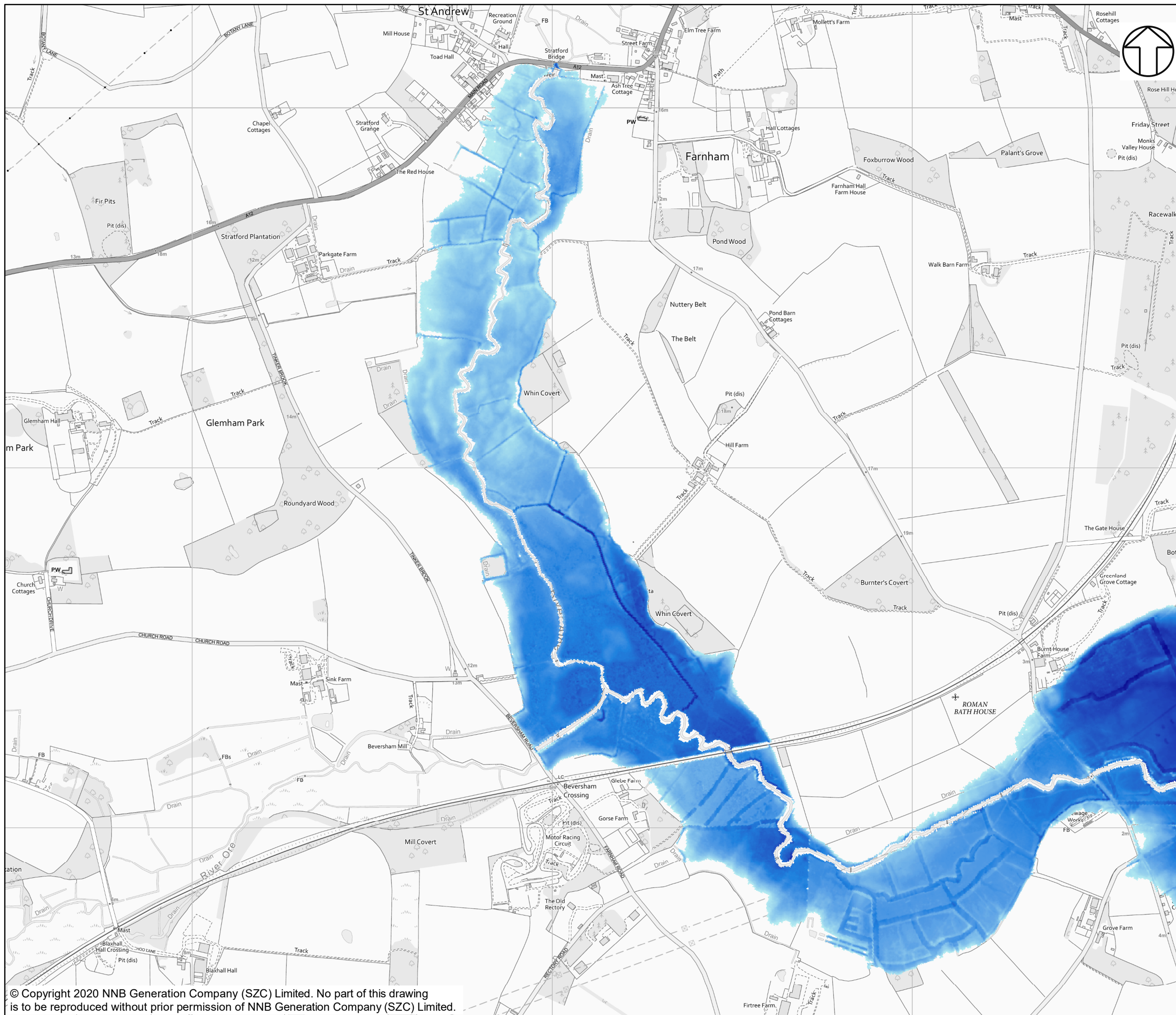
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS**

DRAWING TITLE:
**WITH SCHEME FLOOD DEPTH
 100 YEAR +65CC**

DRAWING NO:
FIGURE B.6

DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**



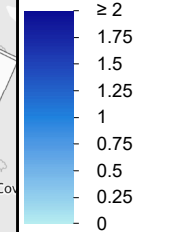


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WITH SCHEME 1000 YEAR PRESENT DAY

FLOOD DEPTH (M)



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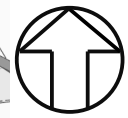
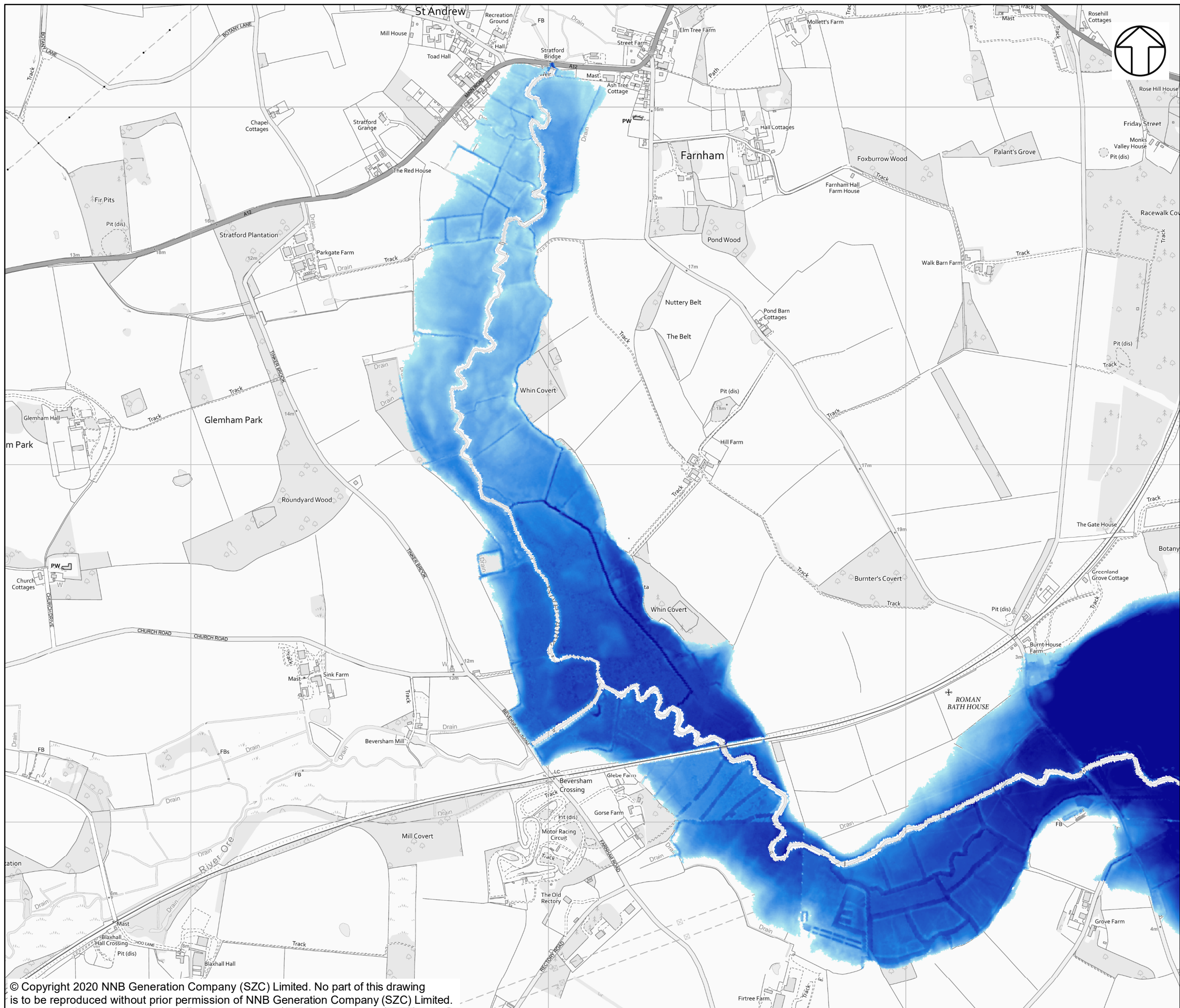
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS**

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**WITH SCHEME FLOOD DEPTH
 1000 YEAR PRESENT DAY**

DRAWING NO:
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DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**



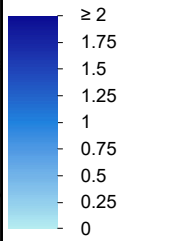


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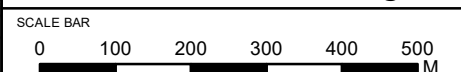


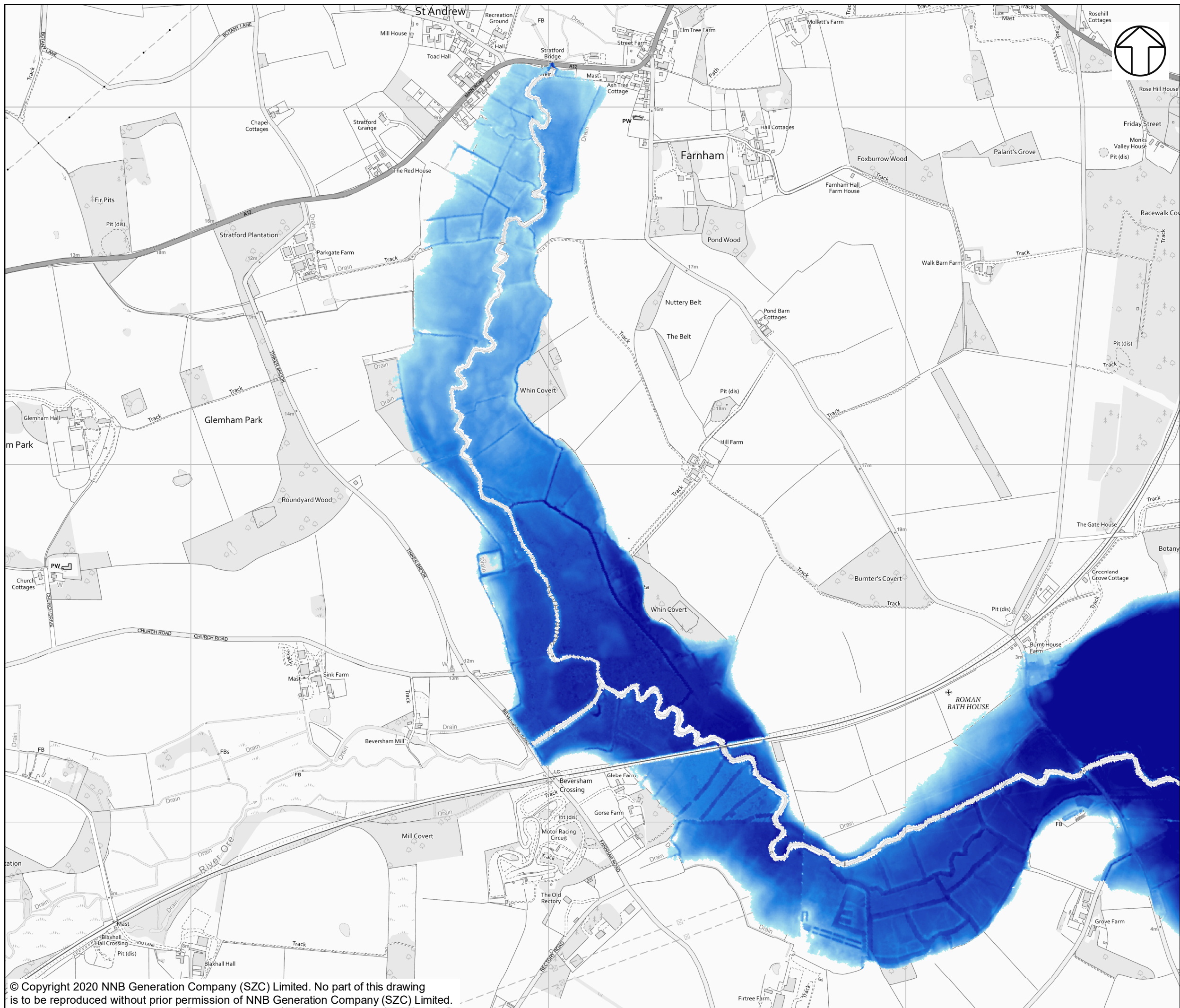
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TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD DEPTH
1000 YEAR +35CC

DRAWING NO:
FIGURE B.8

DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**



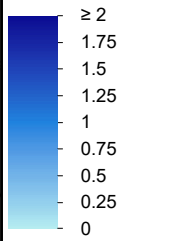


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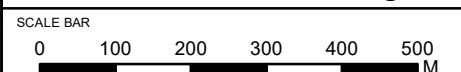


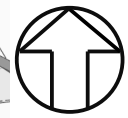
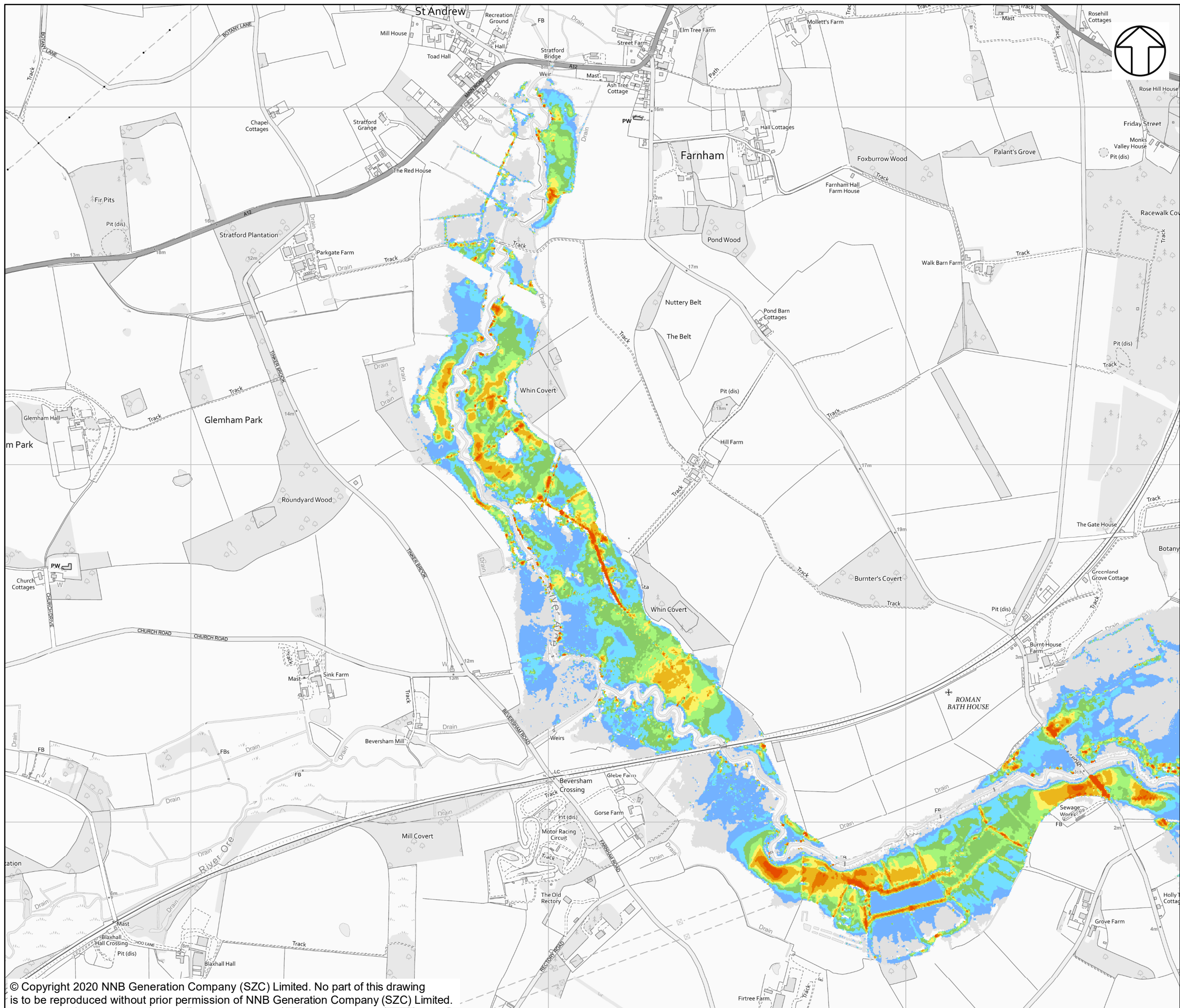
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS**

DRAWING TITLE:
**WITH SCHEME FLOOD DEPTH
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DRAWING NO:
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DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**



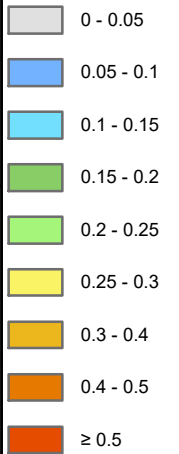


NOTES

KEY

WITH SCHEME 20YR PRESENT DAY

FLOOD VELOCITY (M/S)



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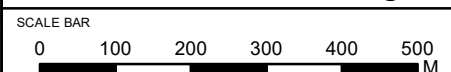


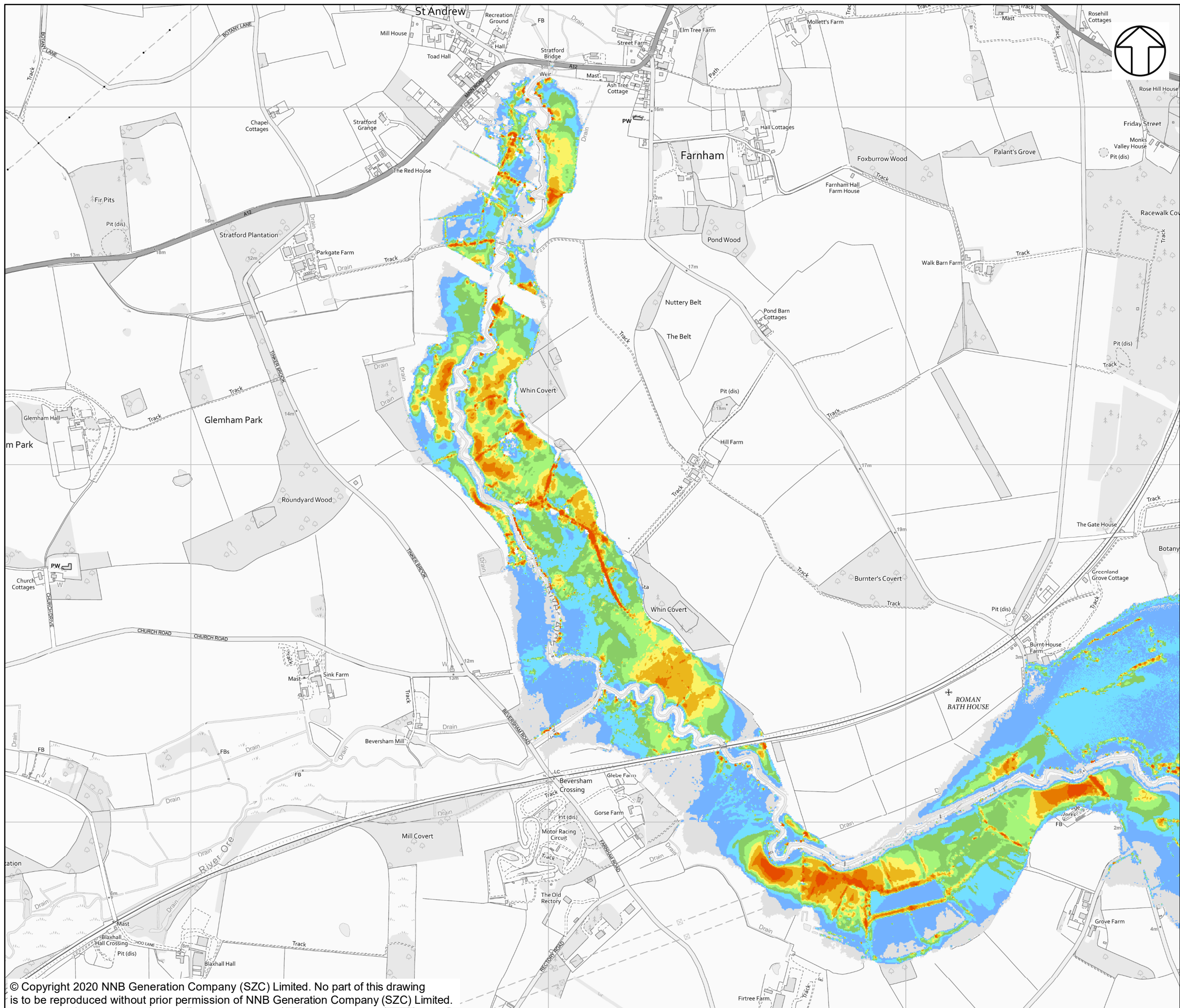
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 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 WITH SCHEME FLOOD VELOCITY
 20 YEAR PRESENT DAY

DRAWING NO:
 FIGURE B.10

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3



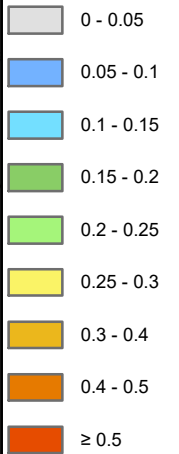


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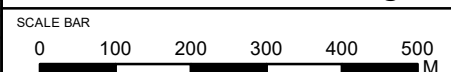


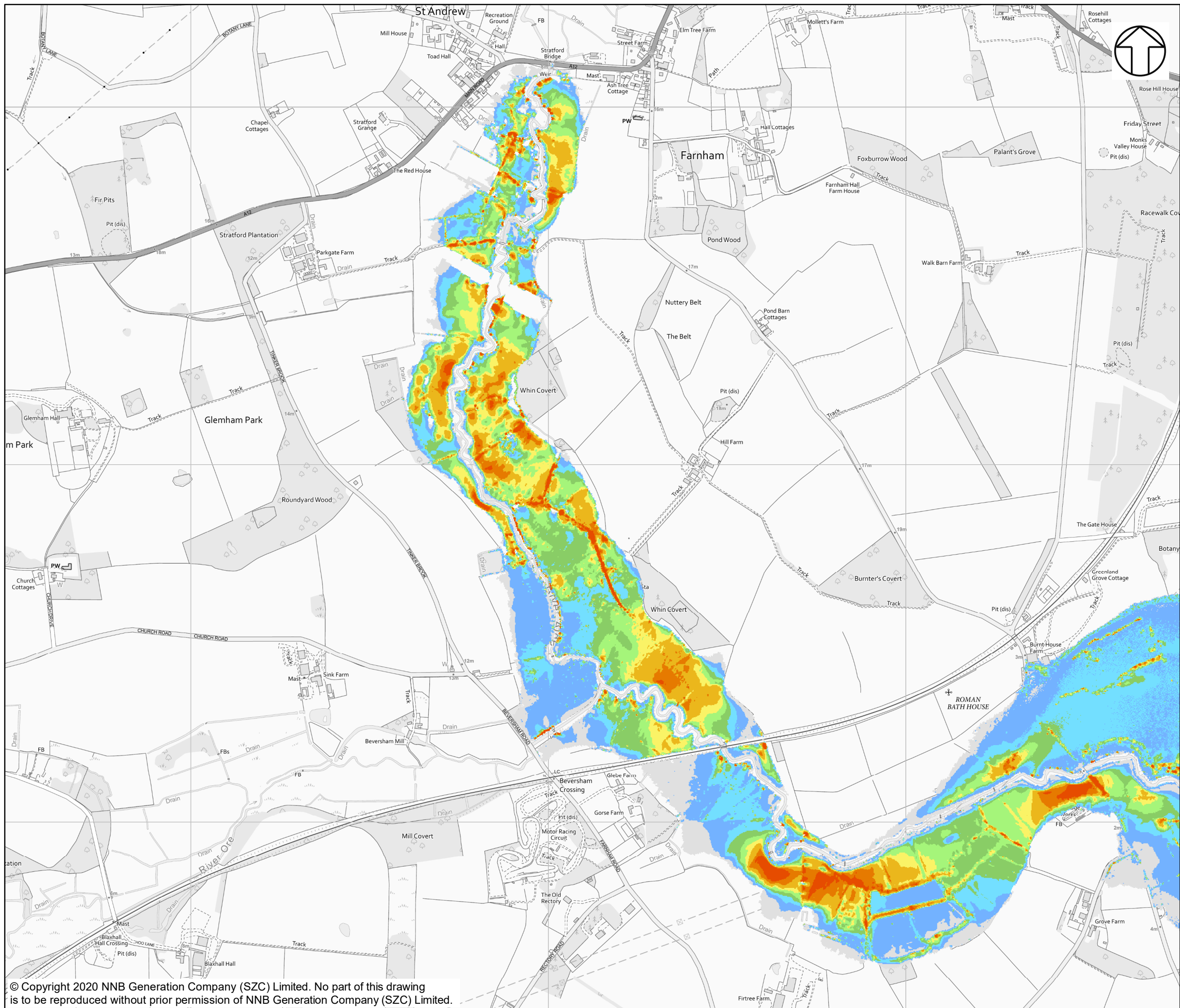
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TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD VELOCITY
20 YEAR +35CC

DRAWING NO:
FIGURE B.11

DATE: JAN 2020 DRAWN: P.S. SCALE: 1:10,000 @A3



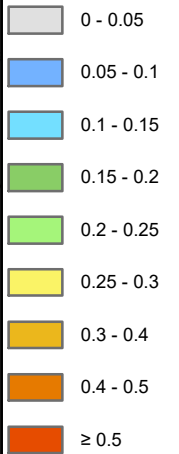


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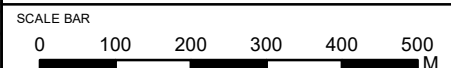


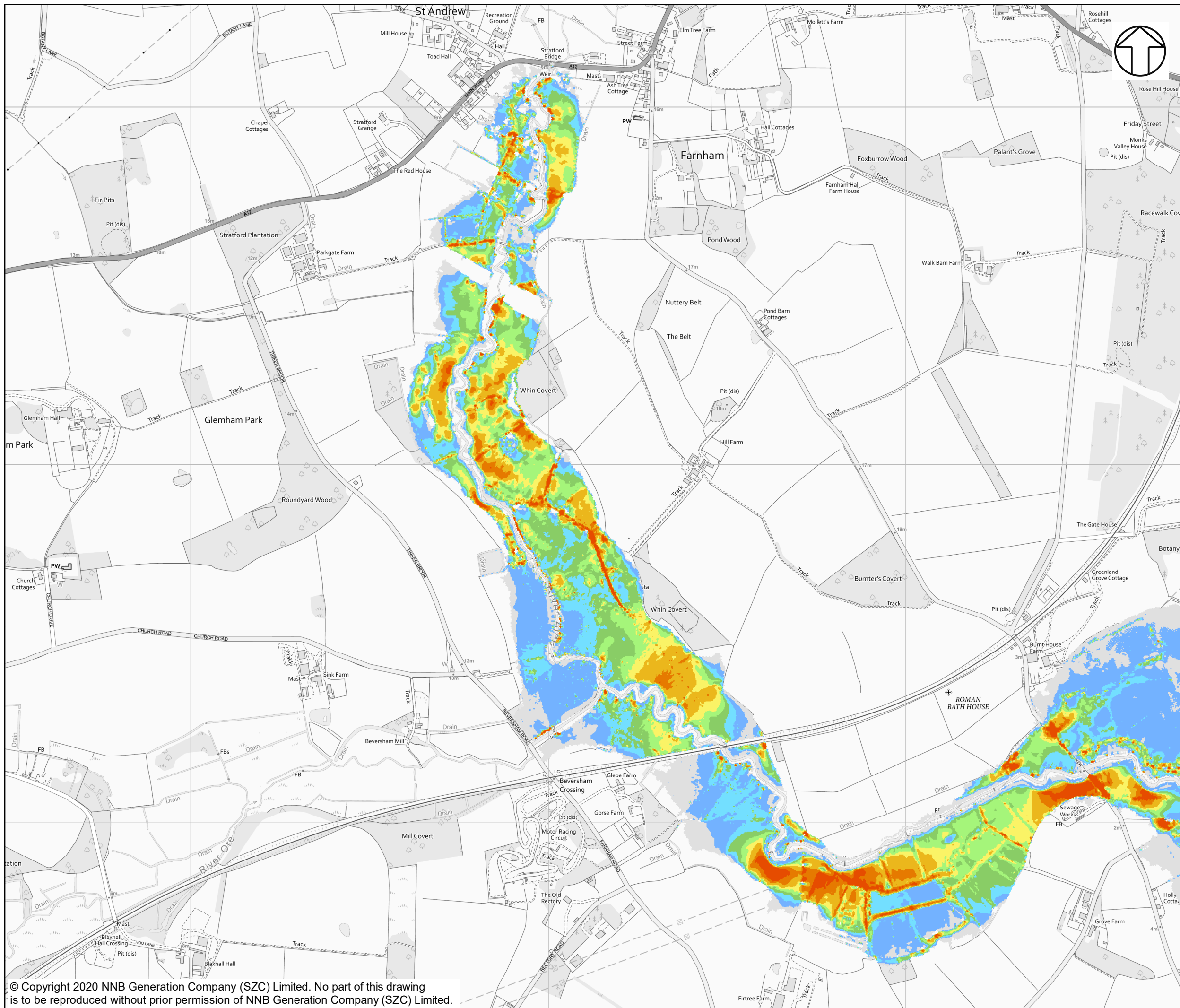
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 WITH SCHEME FLOOD VELOCITY
 20 YEAR +65CC

DRAWING NO:
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DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3



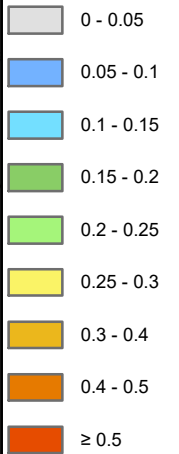


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FLOOD VELOCITY (M/S)



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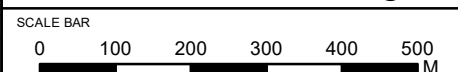


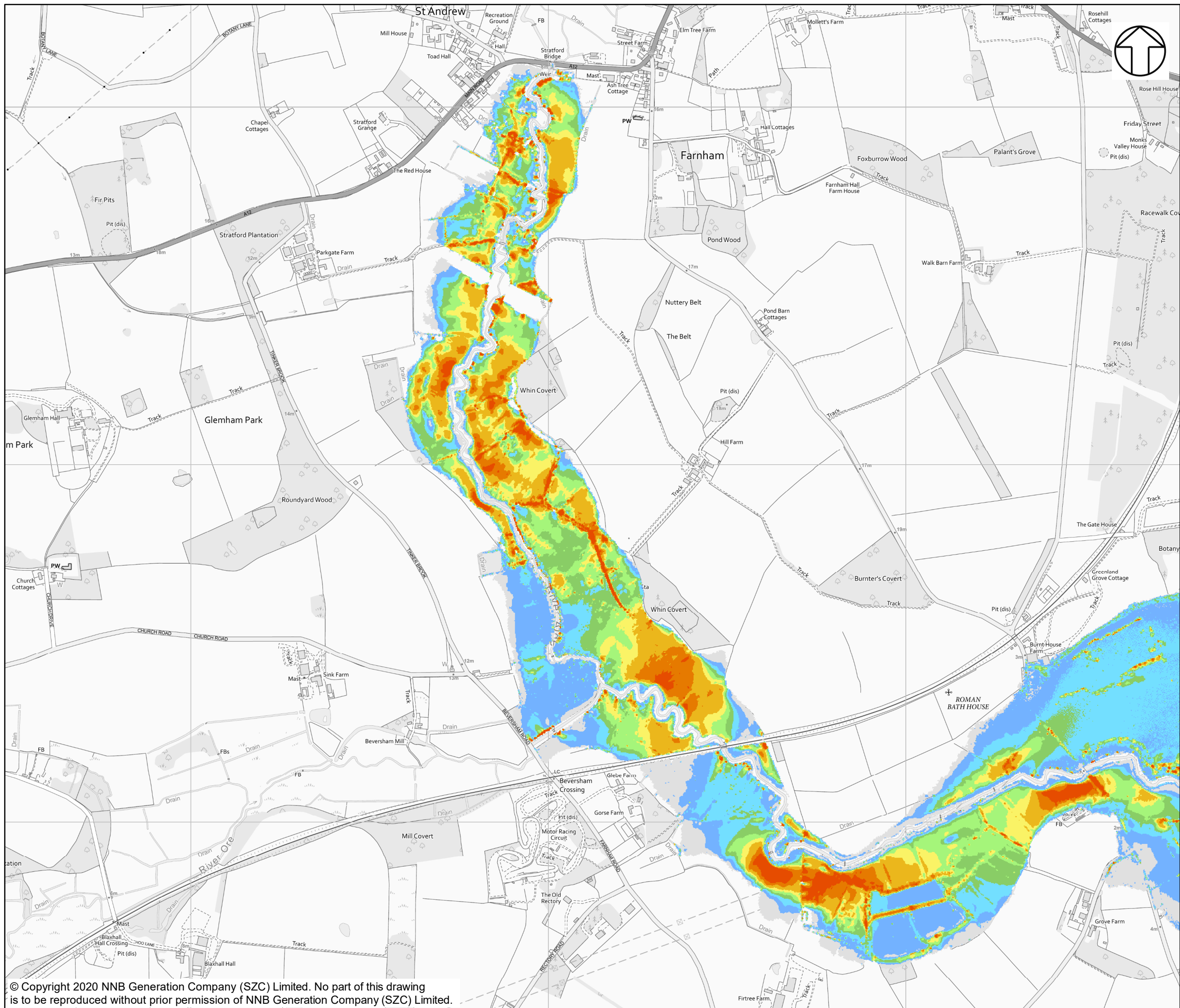
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 WITH SCHEME FLOOD VELOCITY
 100 YEAR PRESENT DAY

DRAWING NO:
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DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3



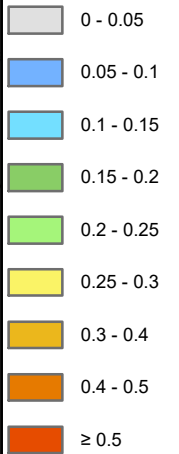


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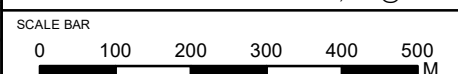


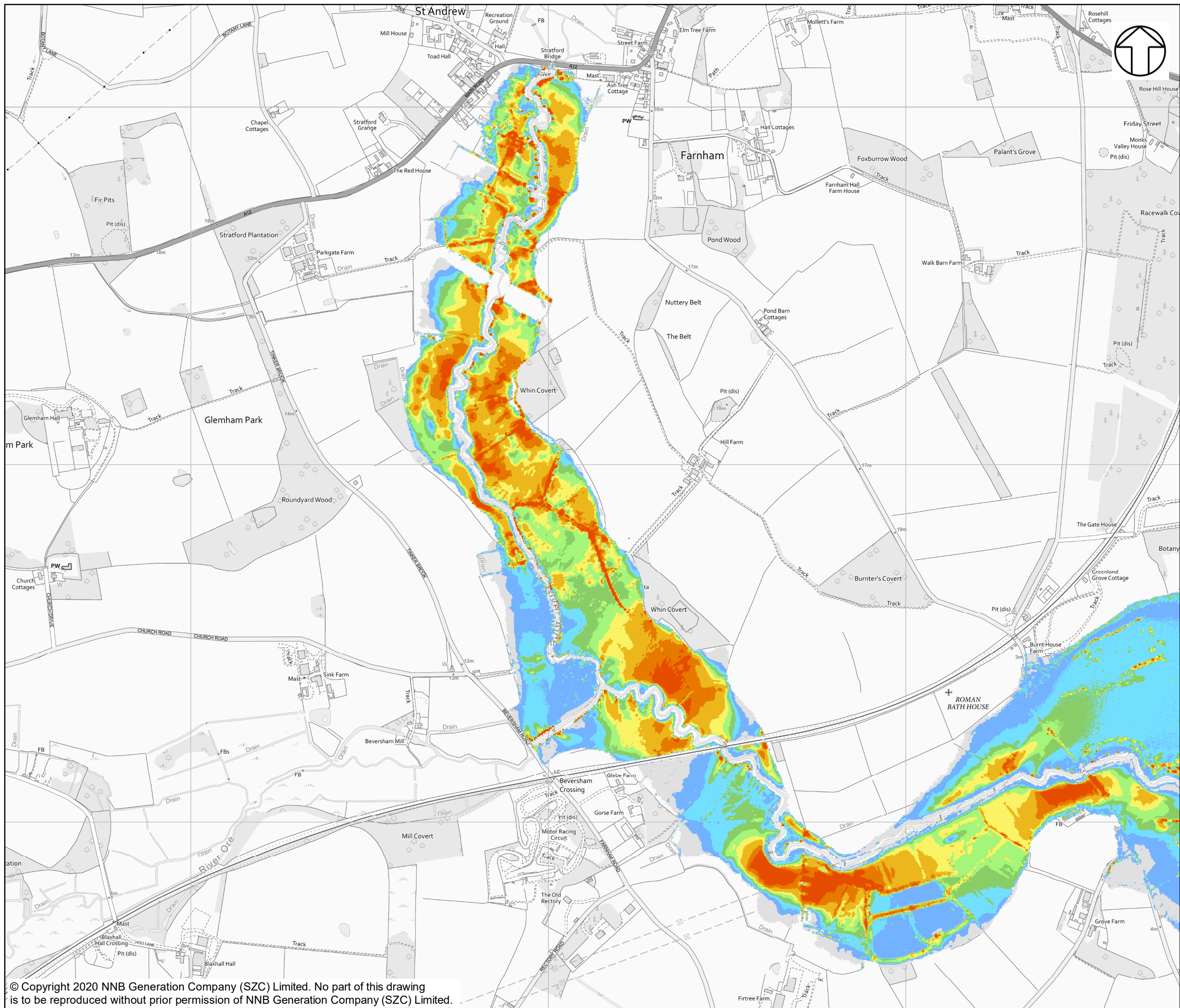
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TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD VELOCITY
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DRAWING NO:
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DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**



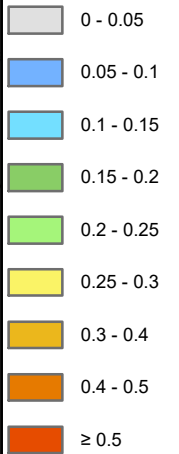


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 FIGURE B.15

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3

