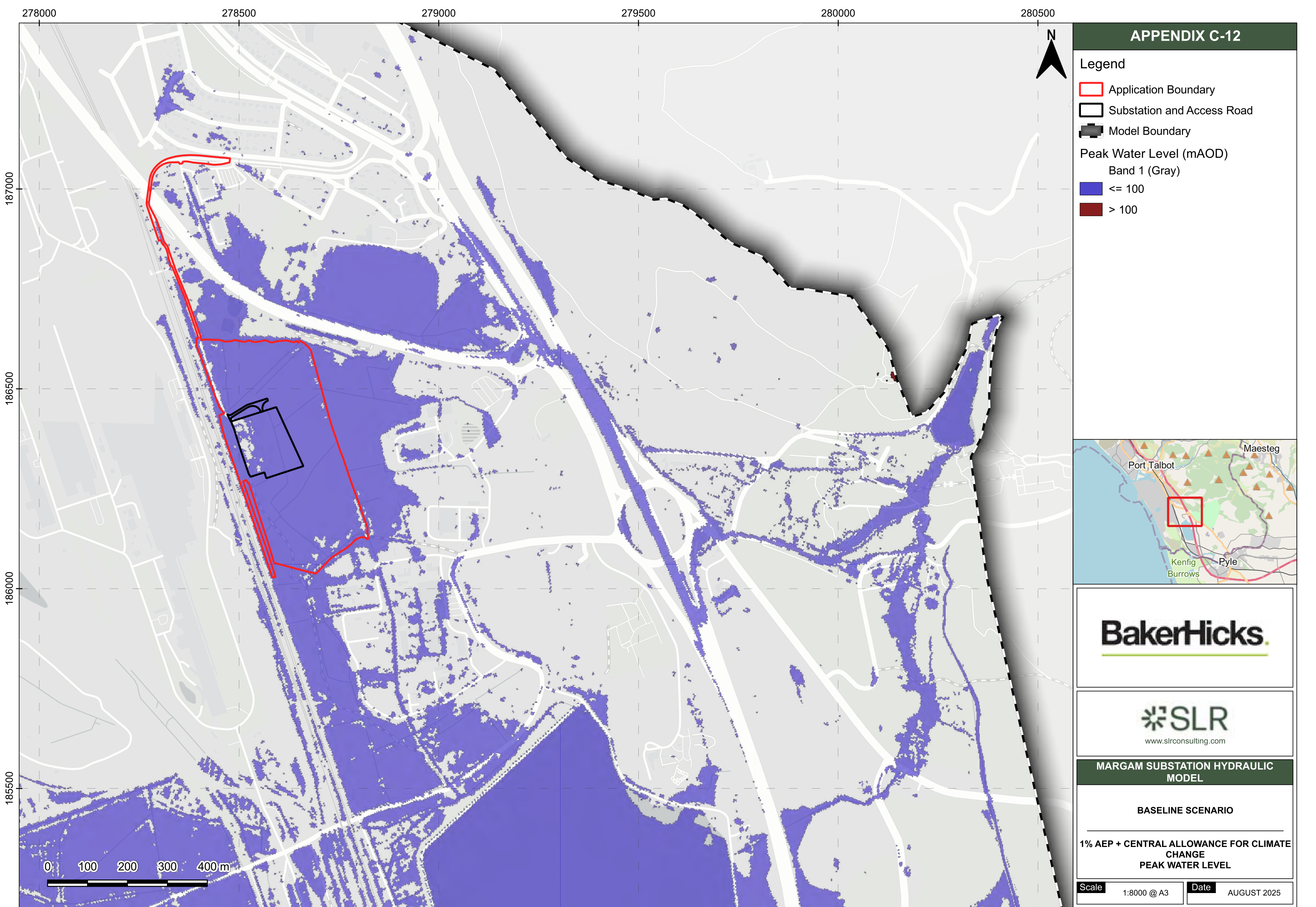




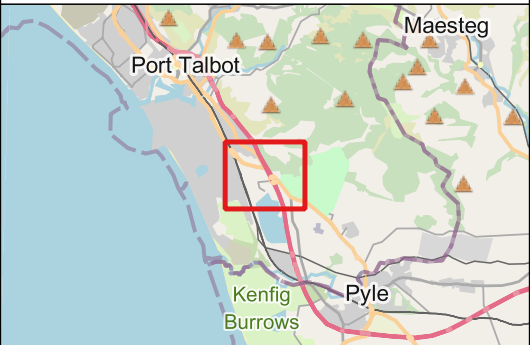
APPENDIX C-12

Legend

- Application Boundary
- Substation and Access Road
- Model Boundary

Peak Water Level (mAOD)

- Band 1 (Gray)
- <= 100
 - > 100



BakerHicks

SLR
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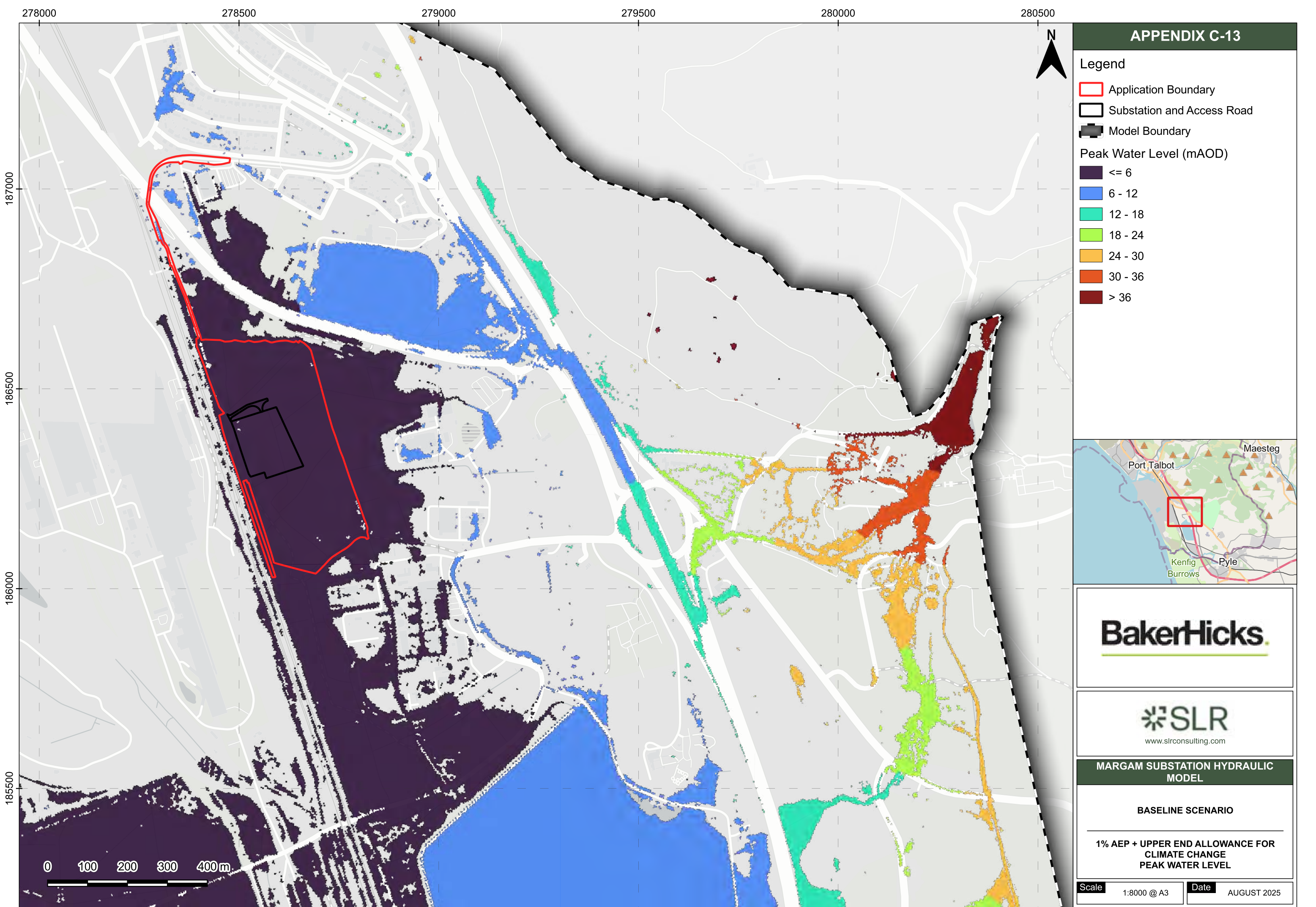
MARGAM SUBSTATION HYDRAULIC
MODEL

BASELINE SCENARIO

1% AEP + CENTRAL ALLOWANCE FOR CLIMATE
CHANGE
PEAK WATER LEVEL

Scale 1:8000 @ A3

Date AUGUST 2025



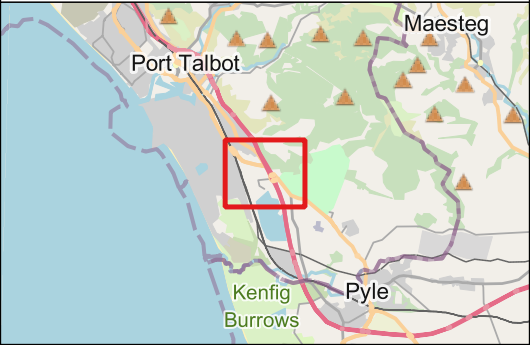
APPENDIX C-13

Legend

- Application Boundary
- Substation and Access Road
- Model Boundary

Peak Water Level (mAOD)

- <= 6
- 6 - 12
- 12 - 18
- 18 - 24
- 24 - 30
- 30 - 36
- > 36



BakerHicks

SLR
www.slrconsulting.com

MARGAM SUBSTATION HYDRAULIC MODEL

BASELINE SCENARIO

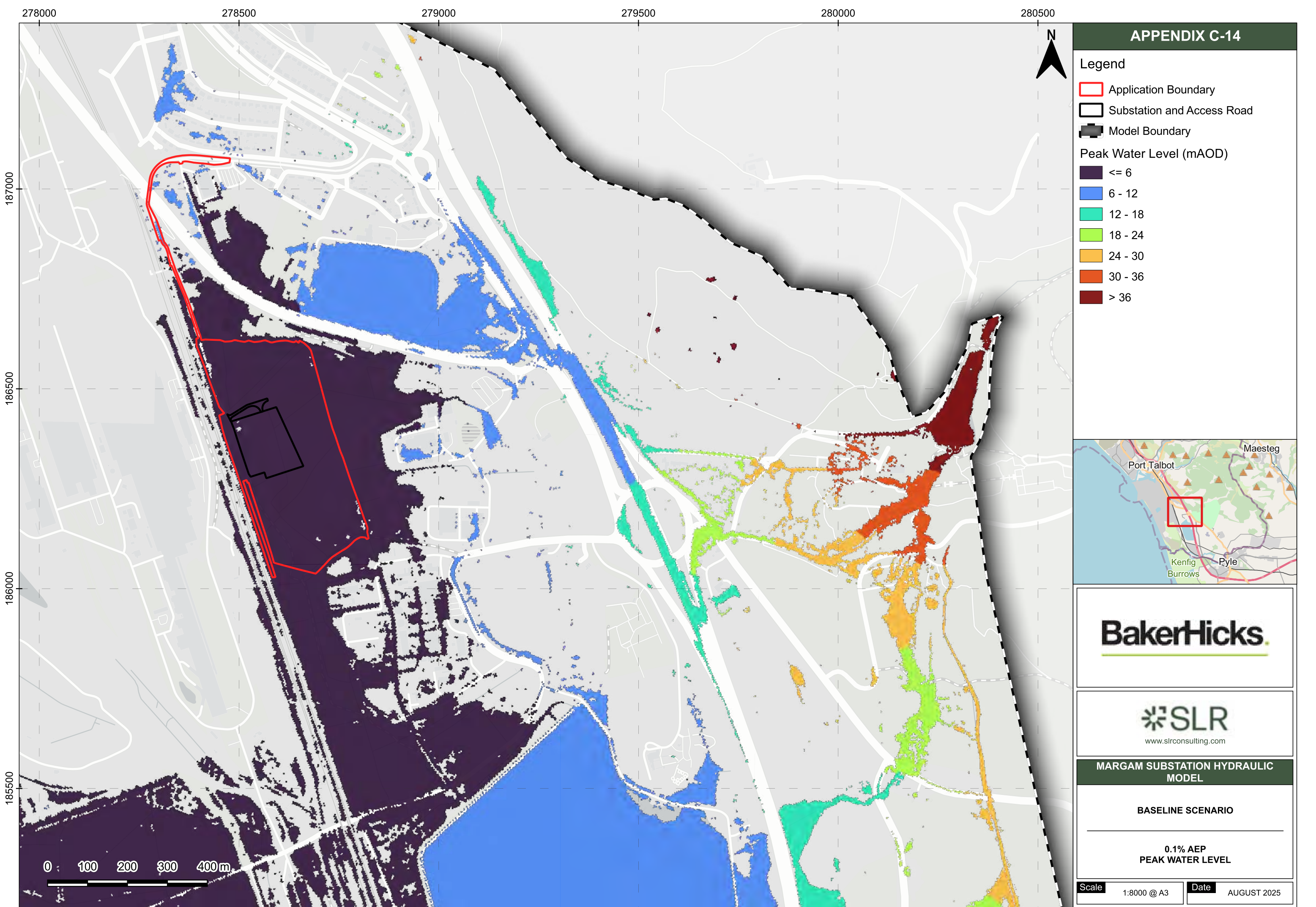
1% AEP + UPPER END ALLOWANCE FOR CLIMATE CHANGE PEAK WATER LEVEL

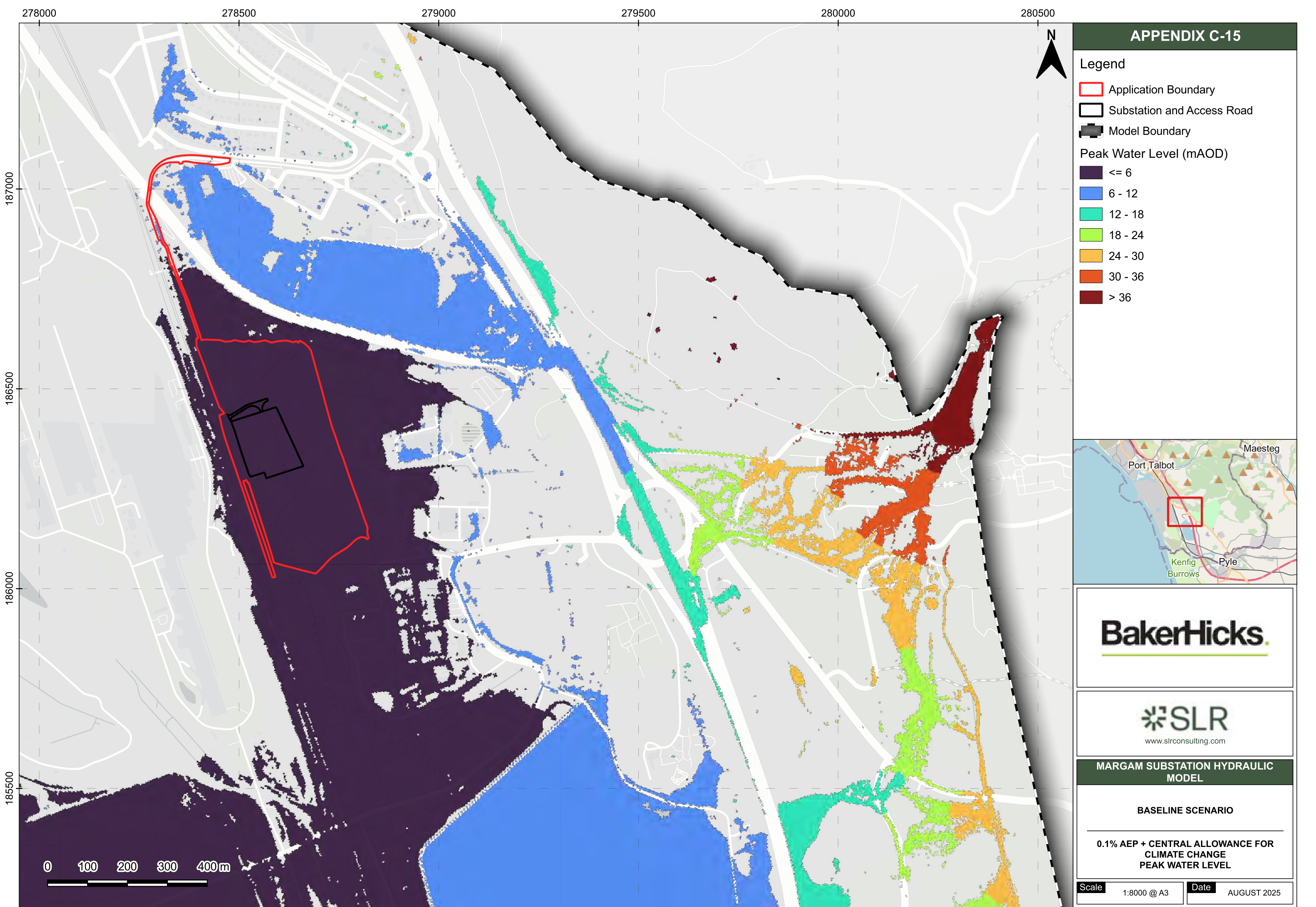
Scale

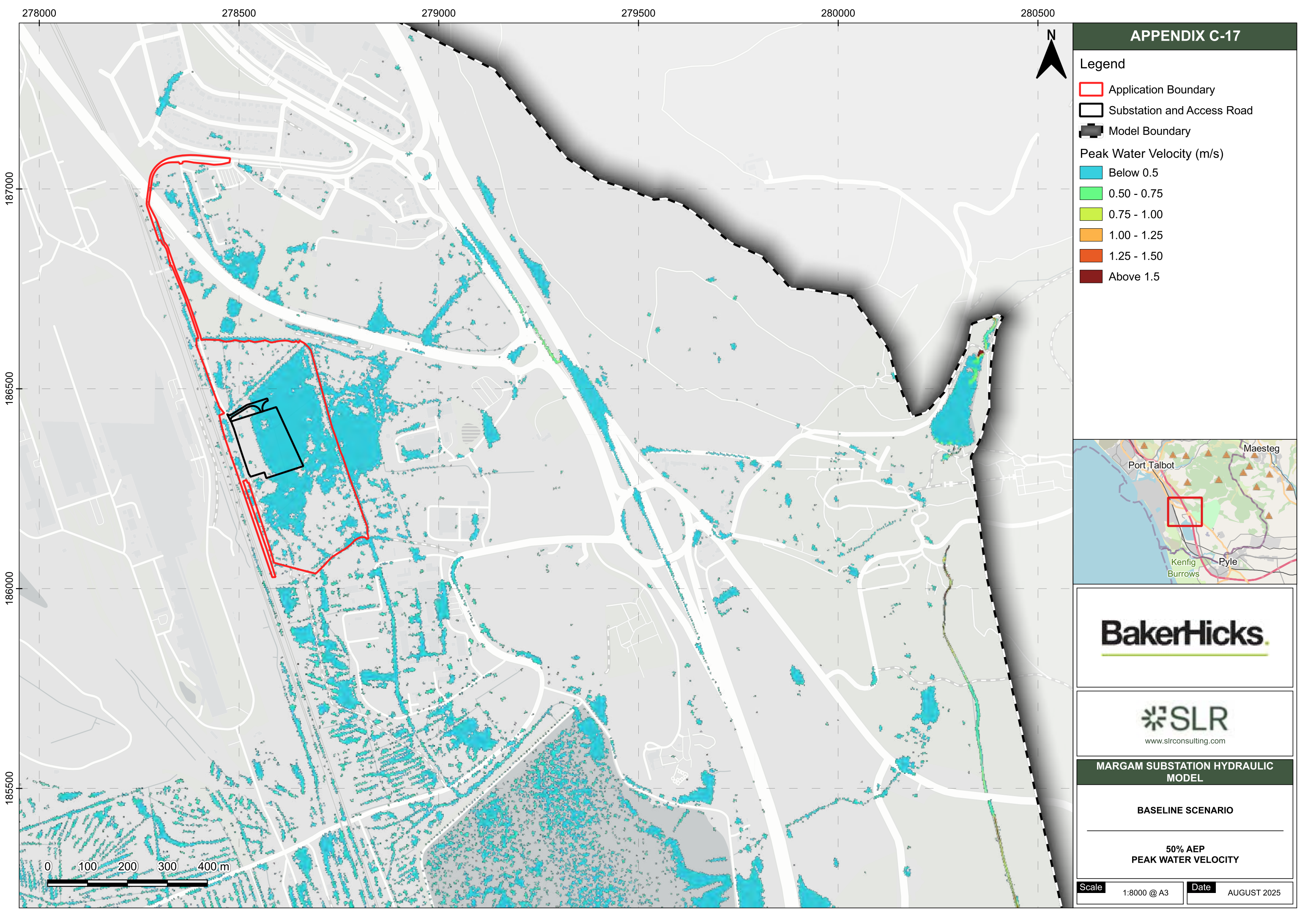
1:8000 @ A3

Date

AUGUST 2025

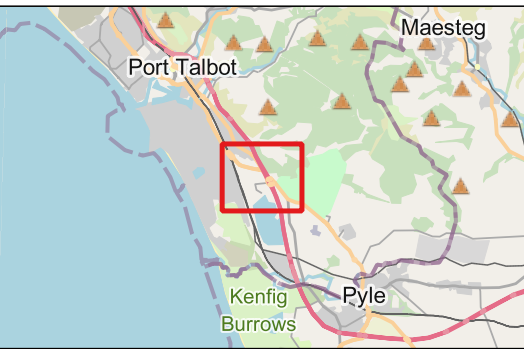






APPENDIX C-17

- Legend
- Application Boundary
 - Substation and Access Road
 - Model Boundary
- Peak Water Velocity (m/s)
- Below 0.5
 - 0.50 - 0.75
 - 0.75 - 1.00
 - 1.00 - 1.25
 - 1.25 - 1.50
 - Above 1.5



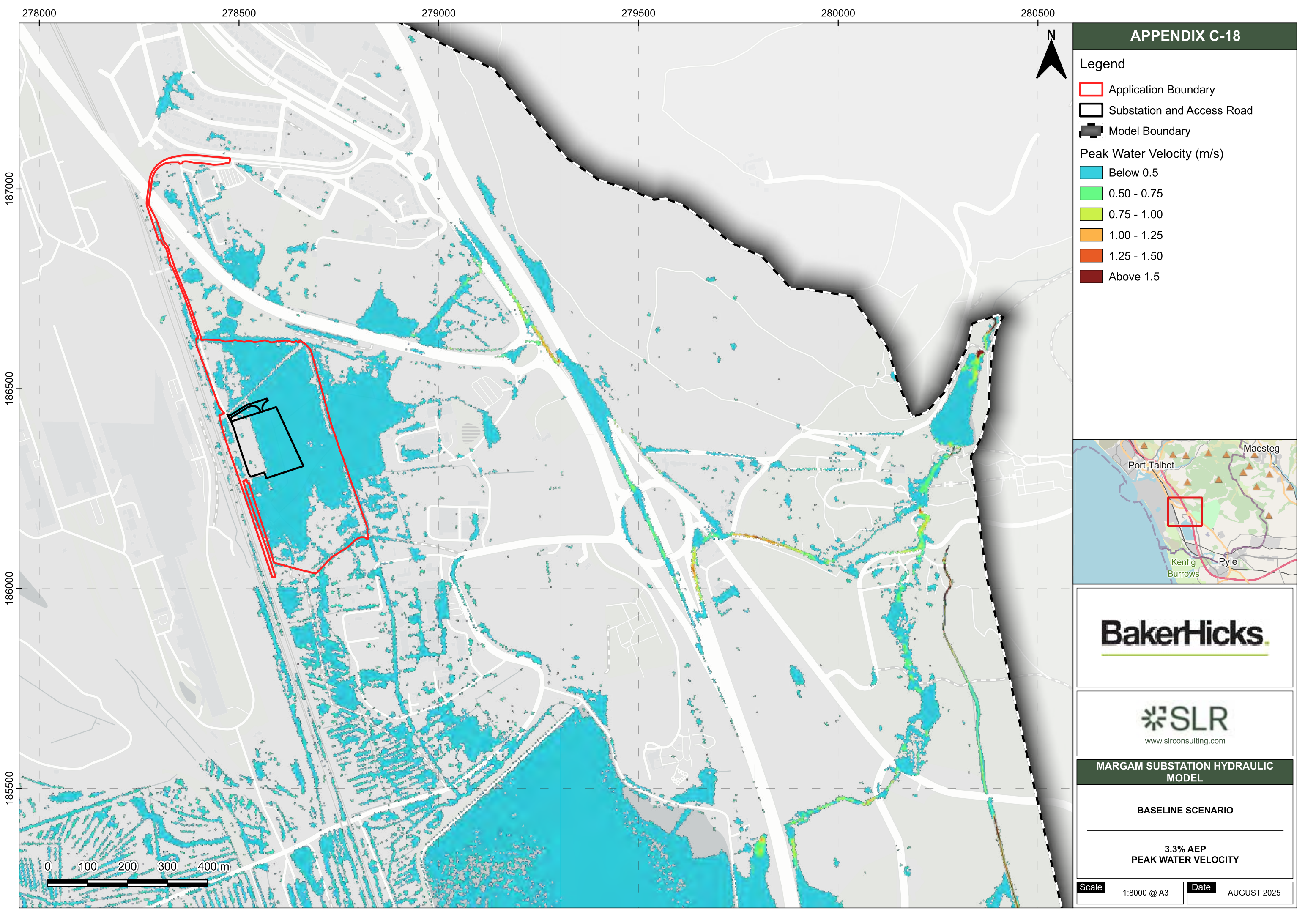
MARGAM SUBSTATION HYDRAULIC MODEL

BASELINE SCENARIO

50% AEP
PEAK WATER VELOCITY

Scale 1:8000 @ A3

Date AUGUST 2025



APPENDIX C-18

Legend

Application Boundary

Substation and Access Road

Model Boundary

Peak Water Velocity (m/s)

Below 0.5

0.50 - 0.75

0.75 - 1.00

1.00 - 1.25

1.25 - 1.50

Above 1.5

MARGAM SUBSTATION HYDRAULIC MODEL

BASELINE SCENARIO

**3.3% AEP
PEAK WATER VELOCITY**

Scale1:8000 @ A3

DateAUGUST 2025

278000 278500 279000 279500 280000 280500

187000

186500

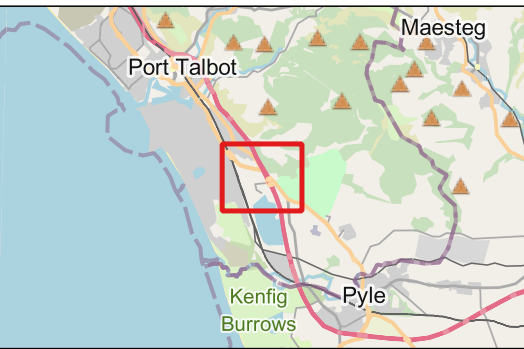
186000

185500



APPENDIX C-19

- Legend
- Application Boundary
 - Substation and Access Road
 - Model Boundary
- Peak Water Velocity (m/s)
- Below 0.5
 - 0.50 - 0.75
 - 0.75 - 1.00
 - 1.00 - 1.25
 - 1.25 - 1.50
 - Above 1.5



MARGAM SUBSTATION HYDRAULIC MODEL

BASELINE SCENARIO

1% AEP
PEAK WATER VELOCITY

Scale 1:8000 @ A3

Date AUGUST 2025



278000 278500 279000 279500 280000 280500

187000

186500

186000

185500



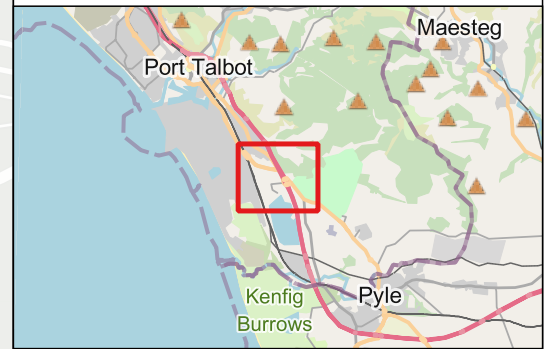
APPENDIX C-20

Legend

- Application Boundary
- Substation and Access Road
- Model Boundary

Peak Water Velocity (m/s)

- Below 0.5
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.25
- 1.25 - 1.50
- Above 1.5



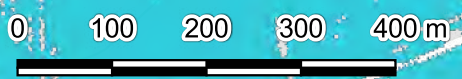
MARGAM SUBSTATION HYDRAULIC MODEL

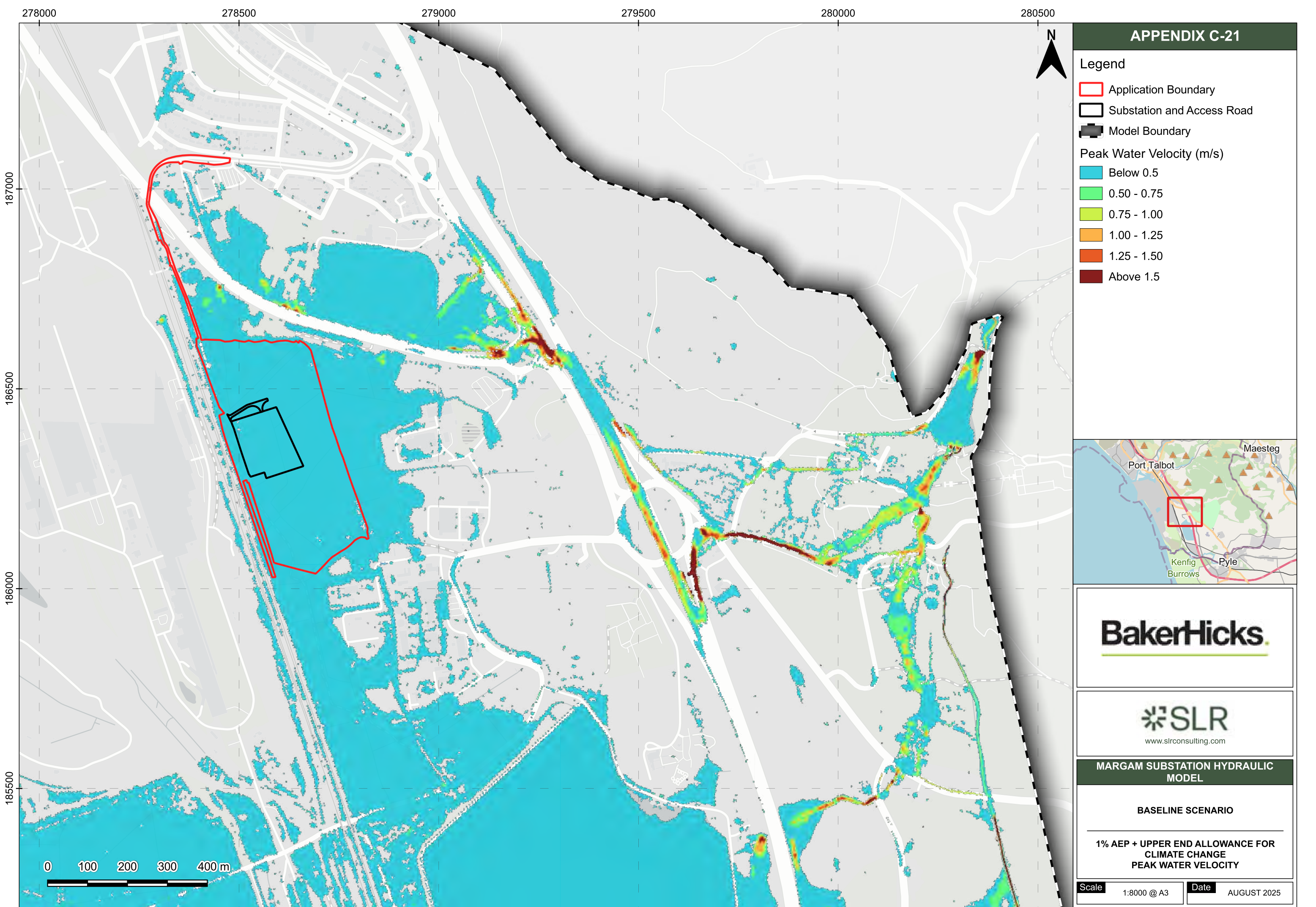
BASELINE SCENARIO

1% AEP + CENTRAL ALLOWANCE FOR CLIMATE CHANGE
PEAK WATER VELOCITY

Scale 1:8000 @ A3

Date AUGUST 2025





APPENDIX C-21

Legend

- Application Boundary
- Substation and Access Road
- Model Boundary

Peak Water Velocity (m/s)

- Below 0.5
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.25
- 1.25 - 1.50
- Above 1.5

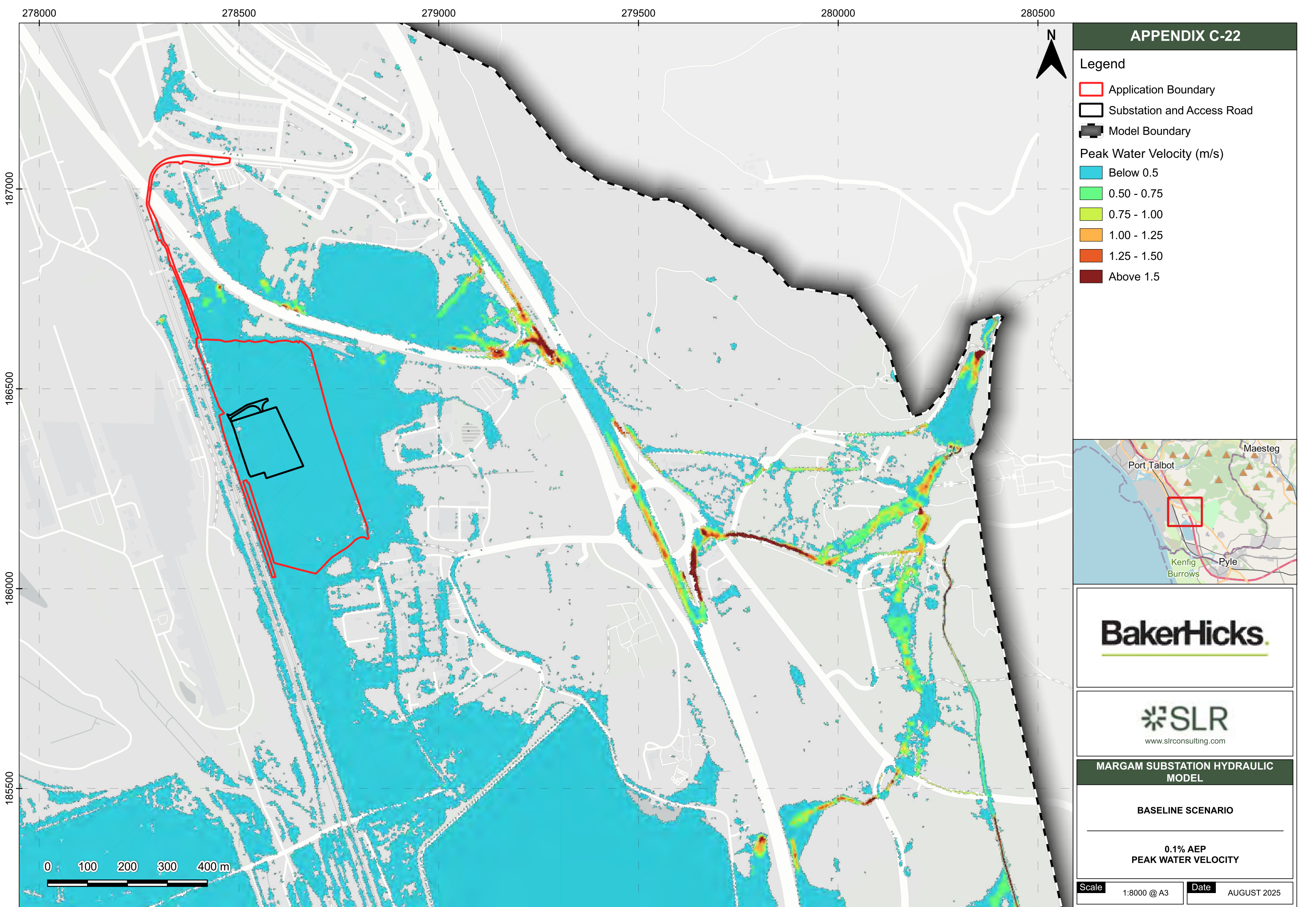
MARGAM SUBSTATION HYDRAULIC MODEL

BASELINE SCENARIO

1% AEP + UPPER END ALLOWANCE FOR CLIMATE CHANGE PEAK WATER VELOCITY

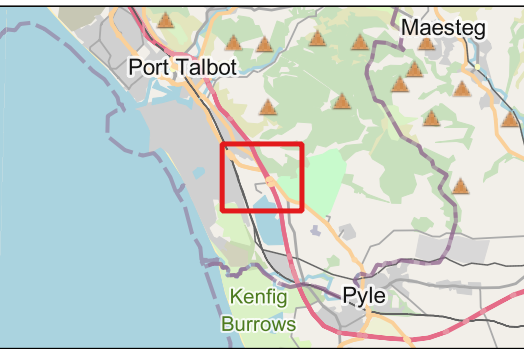
Scale 1:8000 @ A3

Date AUGUST 2025



APPENDIX C-22

- Legend
- Application Boundary
 - Substation and Access Road
 - Model Boundary
- Peak Water Velocity (m/s)
- Below 0.5
 - 0.50 - 0.75
 - 0.75 - 1.00
 - 1.00 - 1.25
 - 1.25 - 1.50
 - Above 1.5

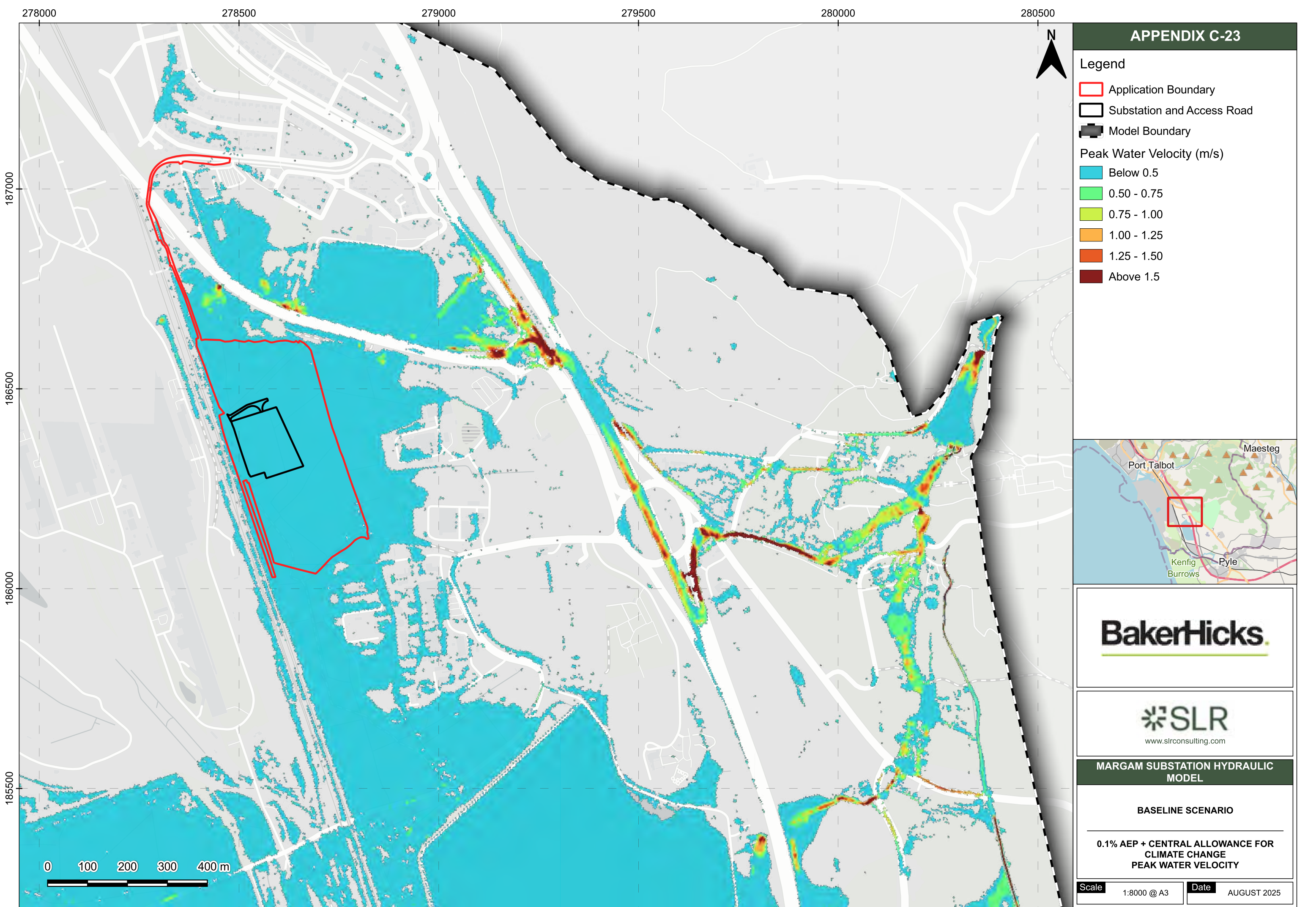


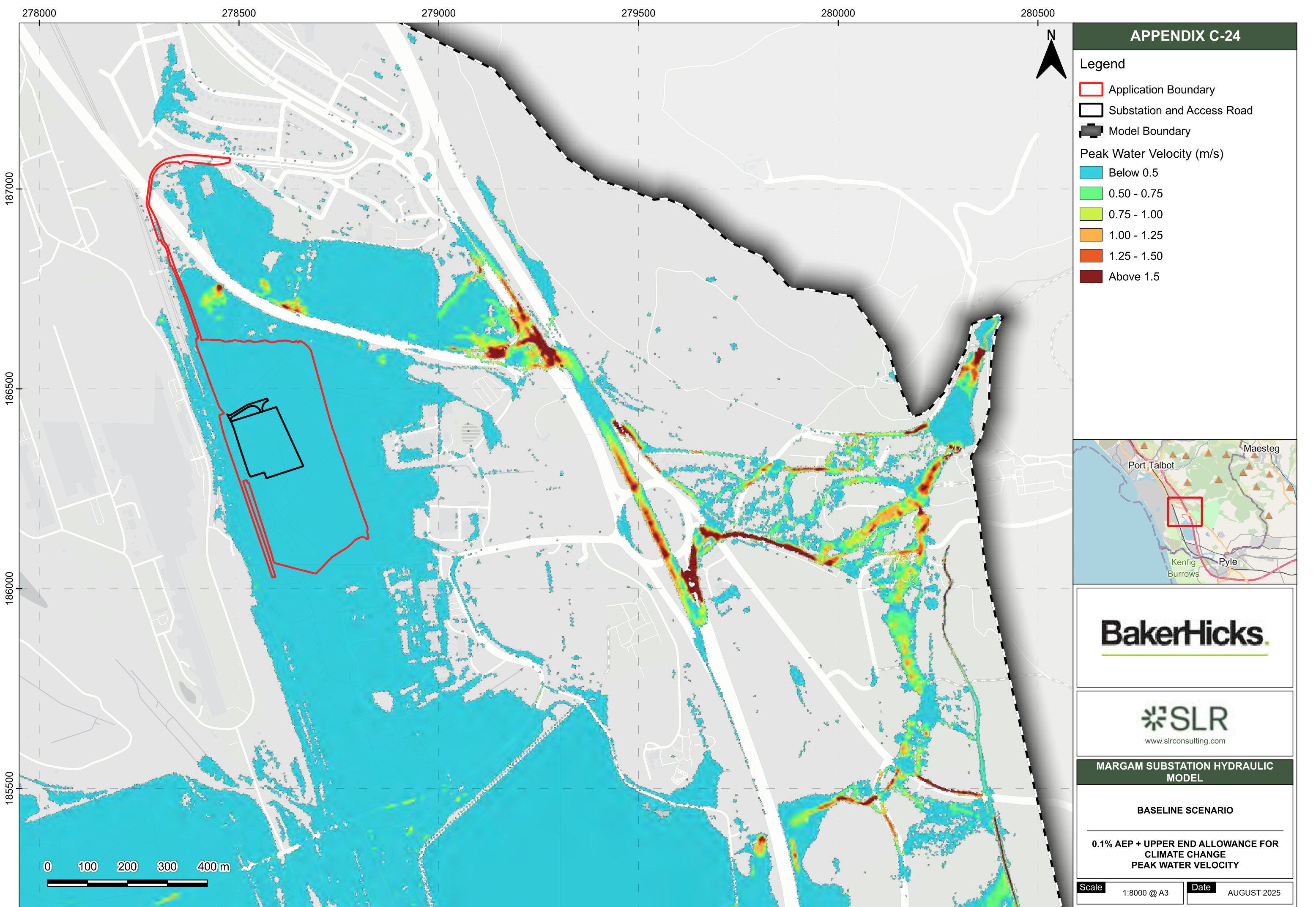
MARGAM SUBSTATION HYDRAULIC MODEL

BASELINE SCENARIO

0.1% AEP
PEAK WATER VELOCITY

Scale	1:8000 @ A3	Date	AUGUST 2025
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APPENDIX C-24

Legend

- Application Boundary
- Substation and Access Road
- Model Boundary

Peak Water Velocity (m/s)

- Below 0.5
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.25
- 1.25 - 1.50
- Above 1.5

MARGAM SUBSTATION HYDRAULIC MODEL

BASELINE SCENARIO

0.1% AEP + UPPER END ALLOWANCE FOR CLIMATE CHANGE PEAK WATER VELOCITY

Scale	1:8000 @ A3	Date	AUGUST 2025
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