

Notes:

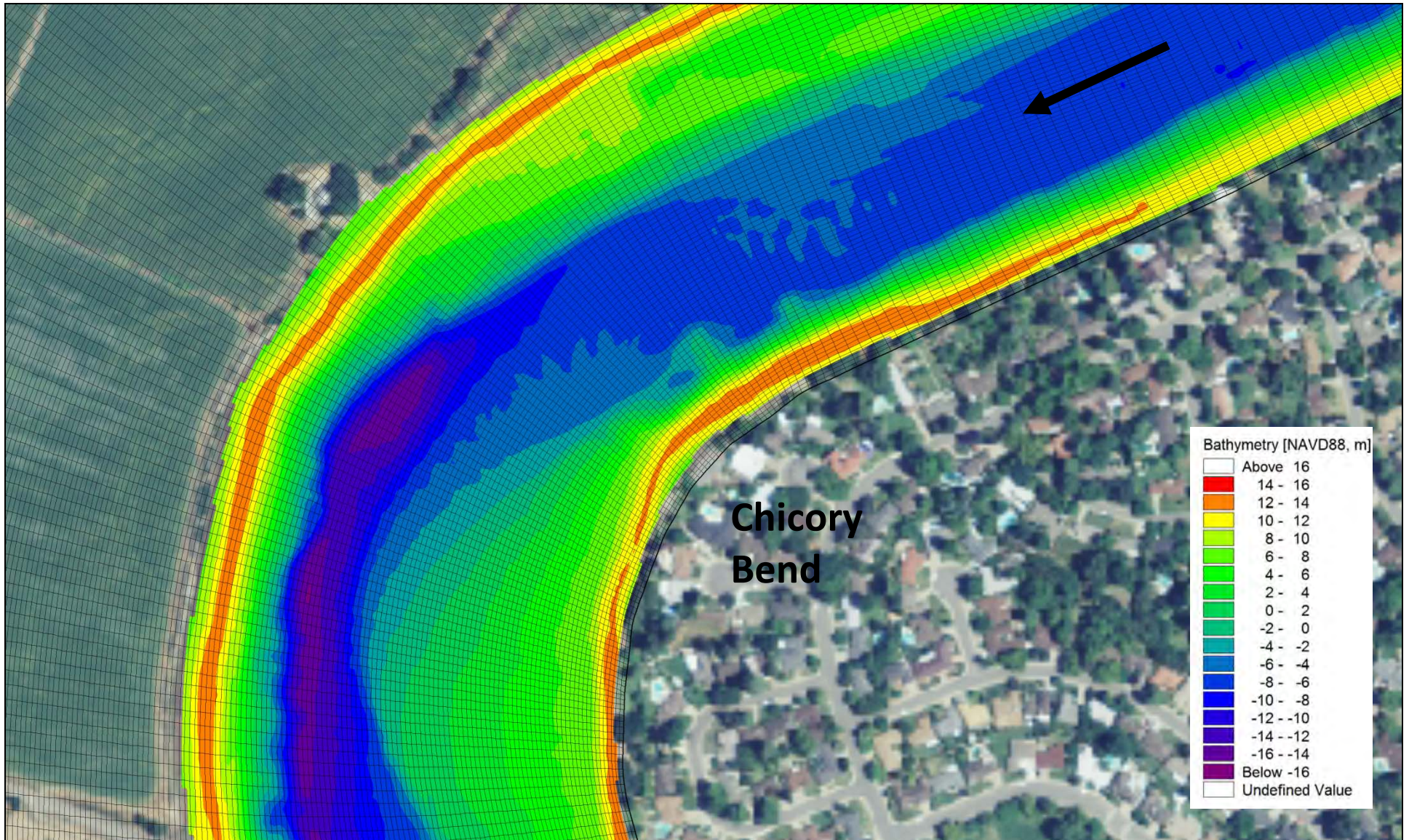


West Sacramento Southport EIP Task Order 3
MIKE 21C existing condition model domain

Project No. 11-11013

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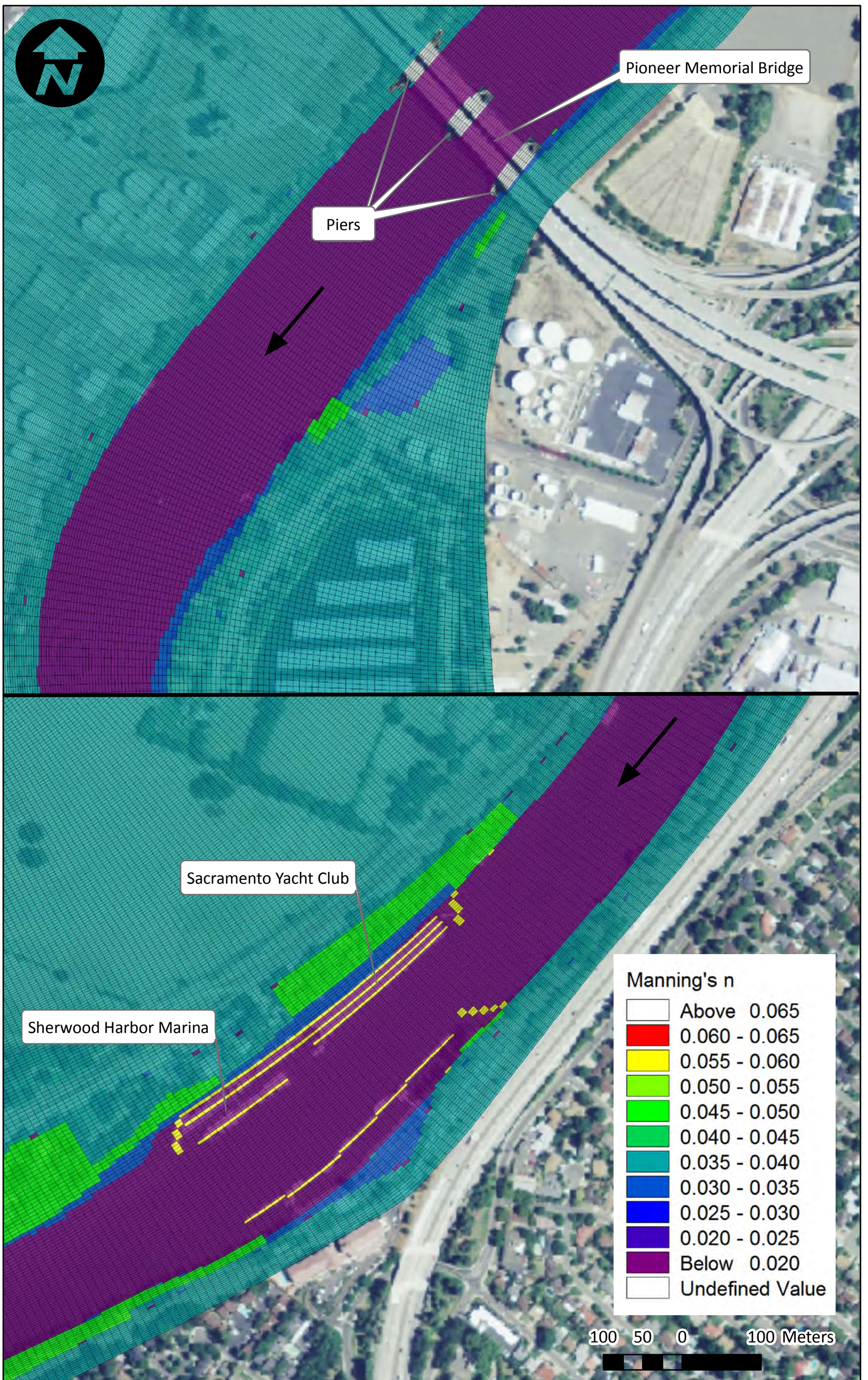
Figure 1



Notes:



West Sacramento Southport EIP Task Order 3
Example of model grid and bathymetry
 Project No. 11-1013 Created By: AMS **Figure 2**



Notes:



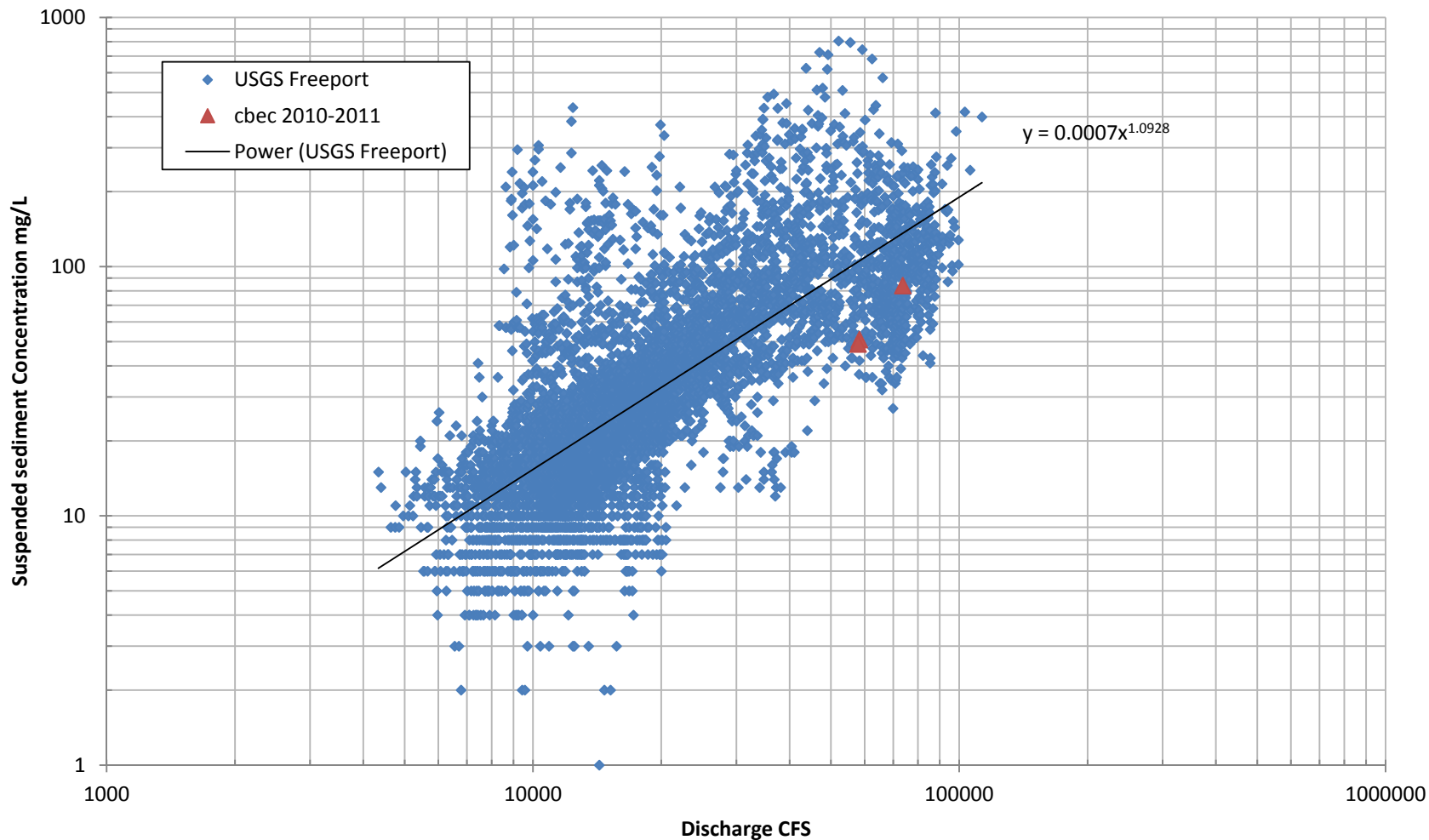
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West Sacramento Southport EIP Task Order 3
Pre-calibrated Manning's n values

Figure 3

Freeport Daily Average Suspended Sediment 1991 to 2009



Notes:



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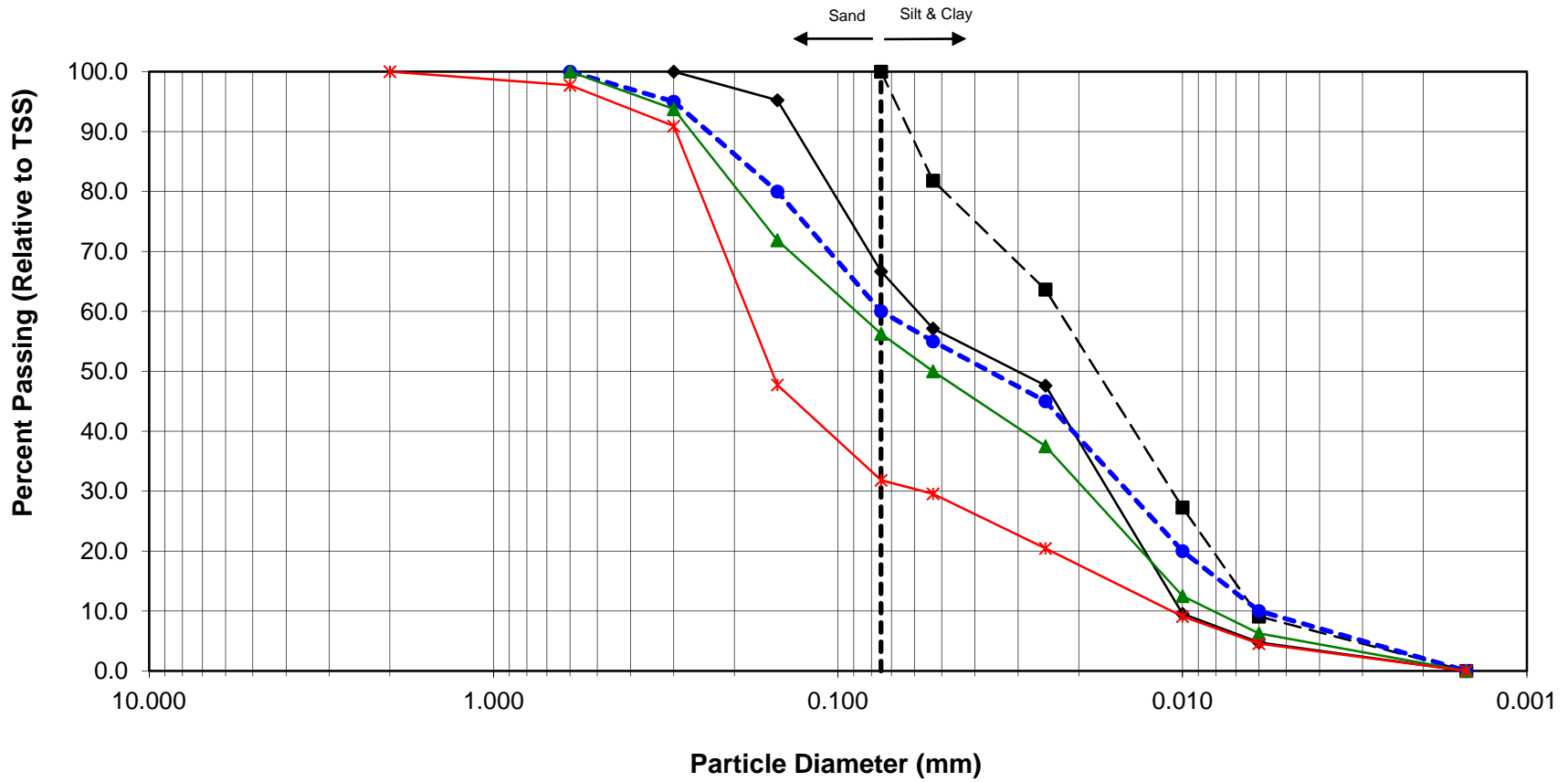
Suspended Sediment Rating Curve at Freeport

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Figure 4

Particle Size Distribution



Notes:



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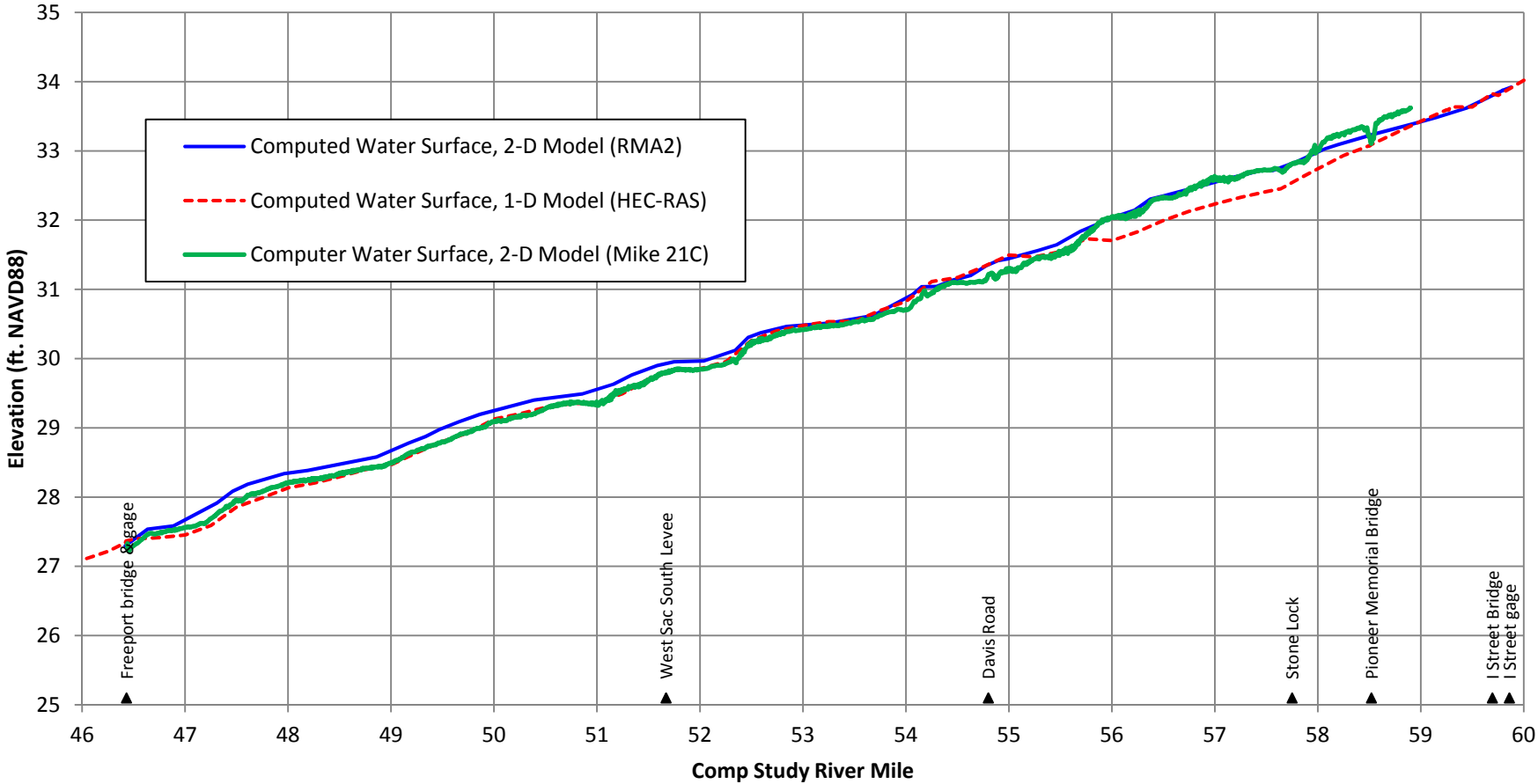
Suspended Sediment Particle Size Distribution

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Figure 5

Southport EIP 2-D Model - 100-year Maximum Water Surface Elevation Profile



Notes:



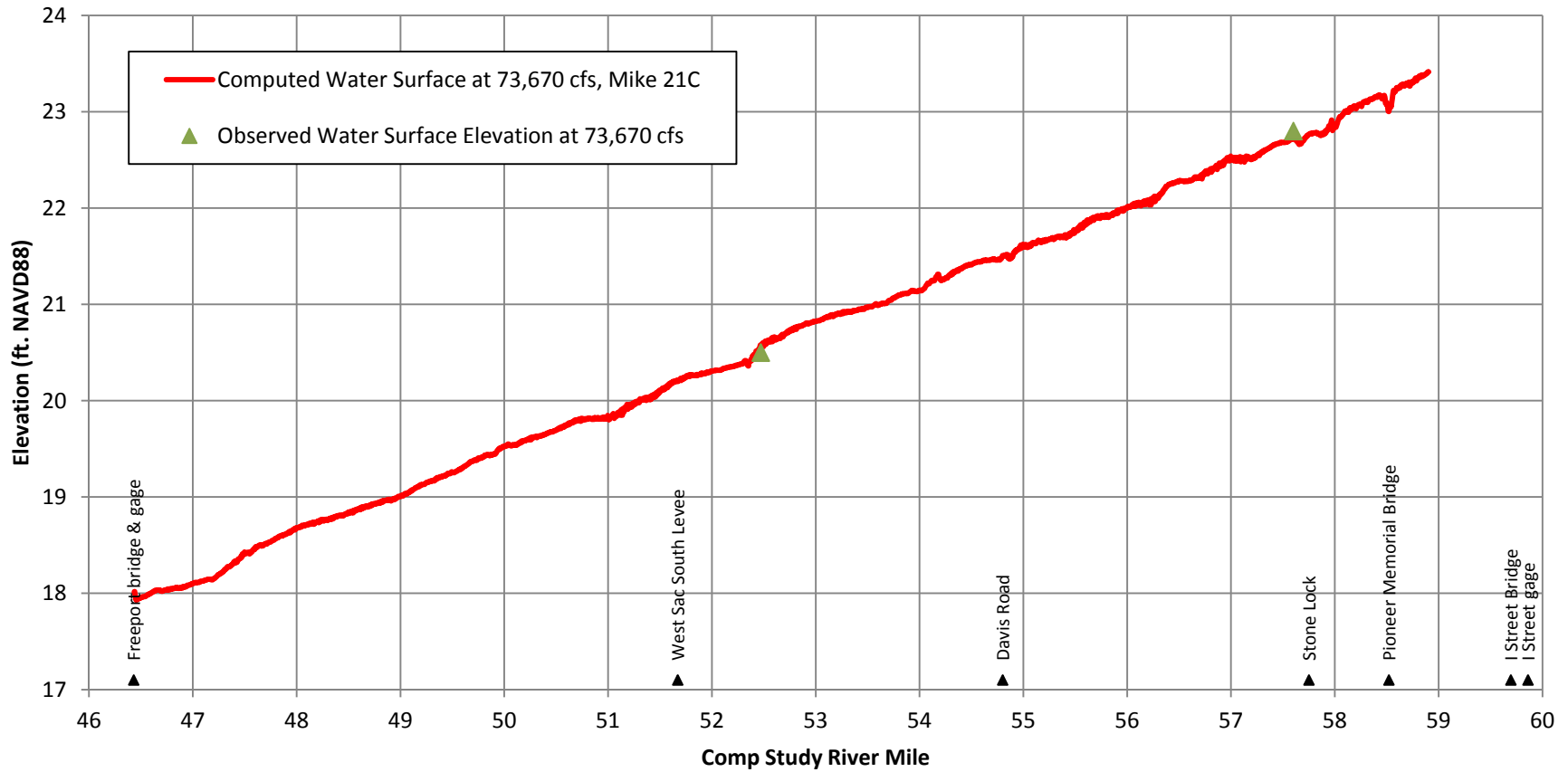
West Sacramento Southport EIP Task Order 3
Calibration Results: 100-year event

Project No. 11-1013

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Figure 6

Southport EIP 2-D Model - 73,670 cfs (2-year) Maximum Water Surface Elevation Profile



Notes:

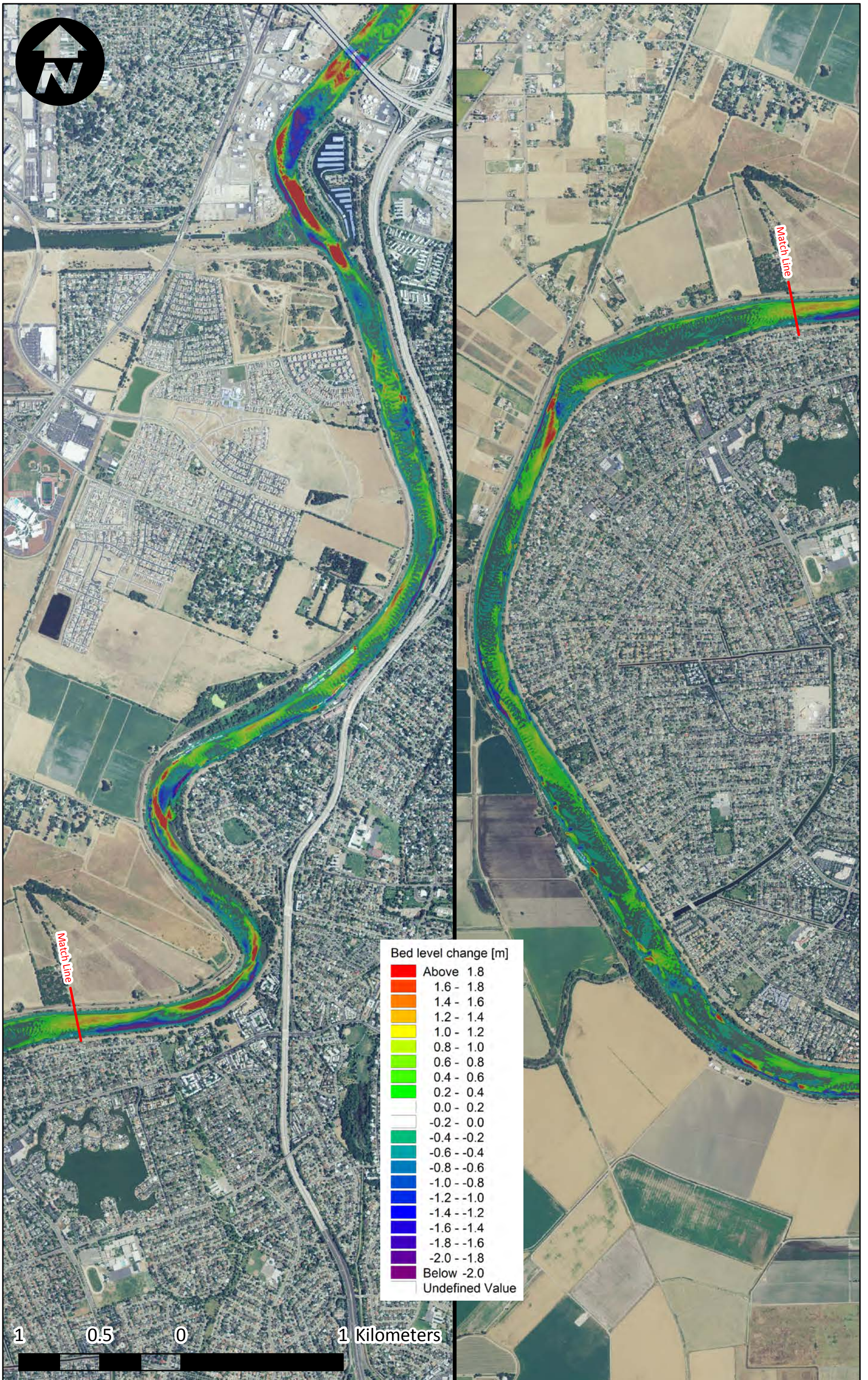


West Sacramento Southport EIP Task Order 3
Calibration results: 73,670 cfs (2-year)

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Figure 7



Notes:

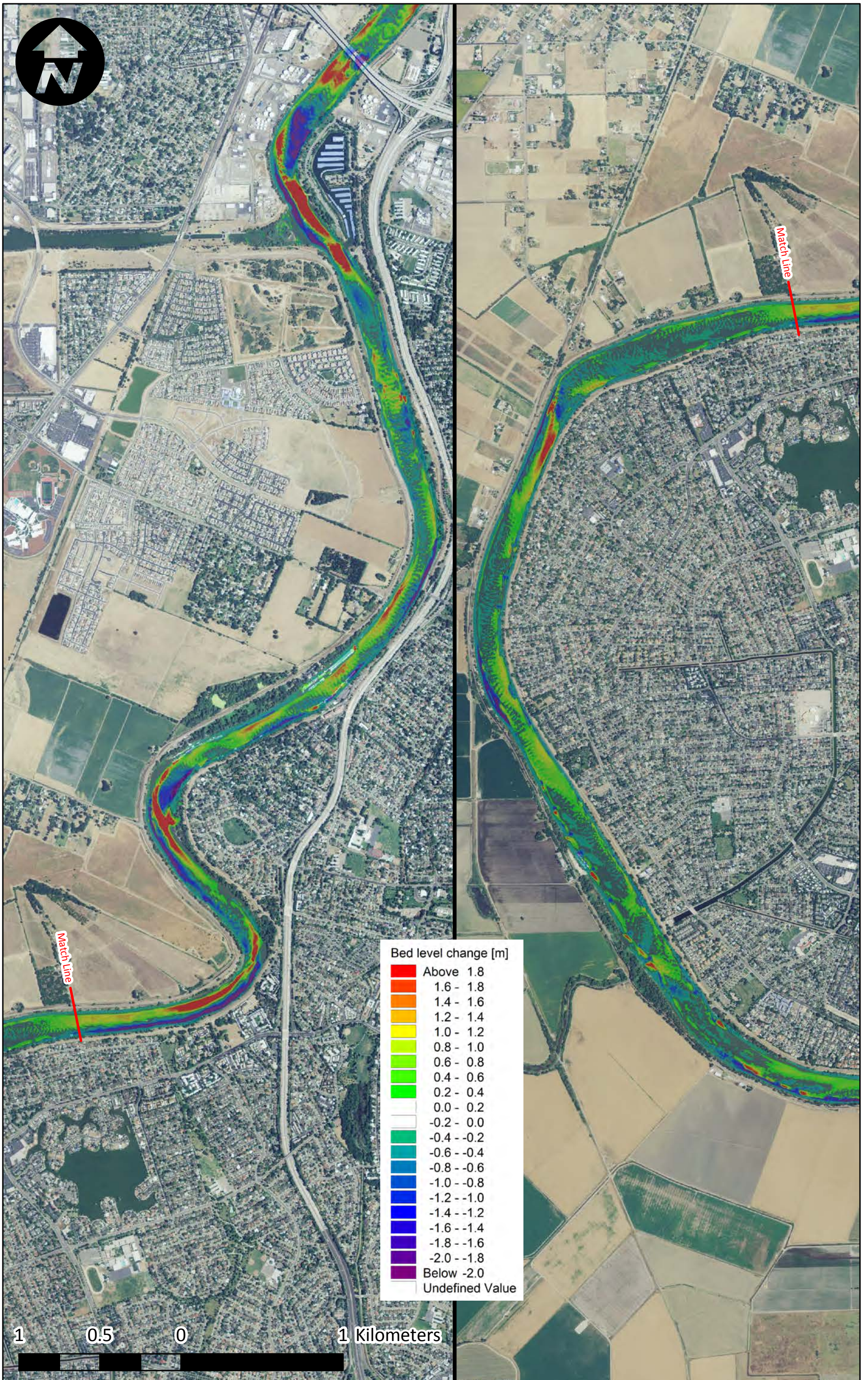


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West Sacramento Southport EIP Task Order 3
2-year event bed level change

Figure 8



Notes:

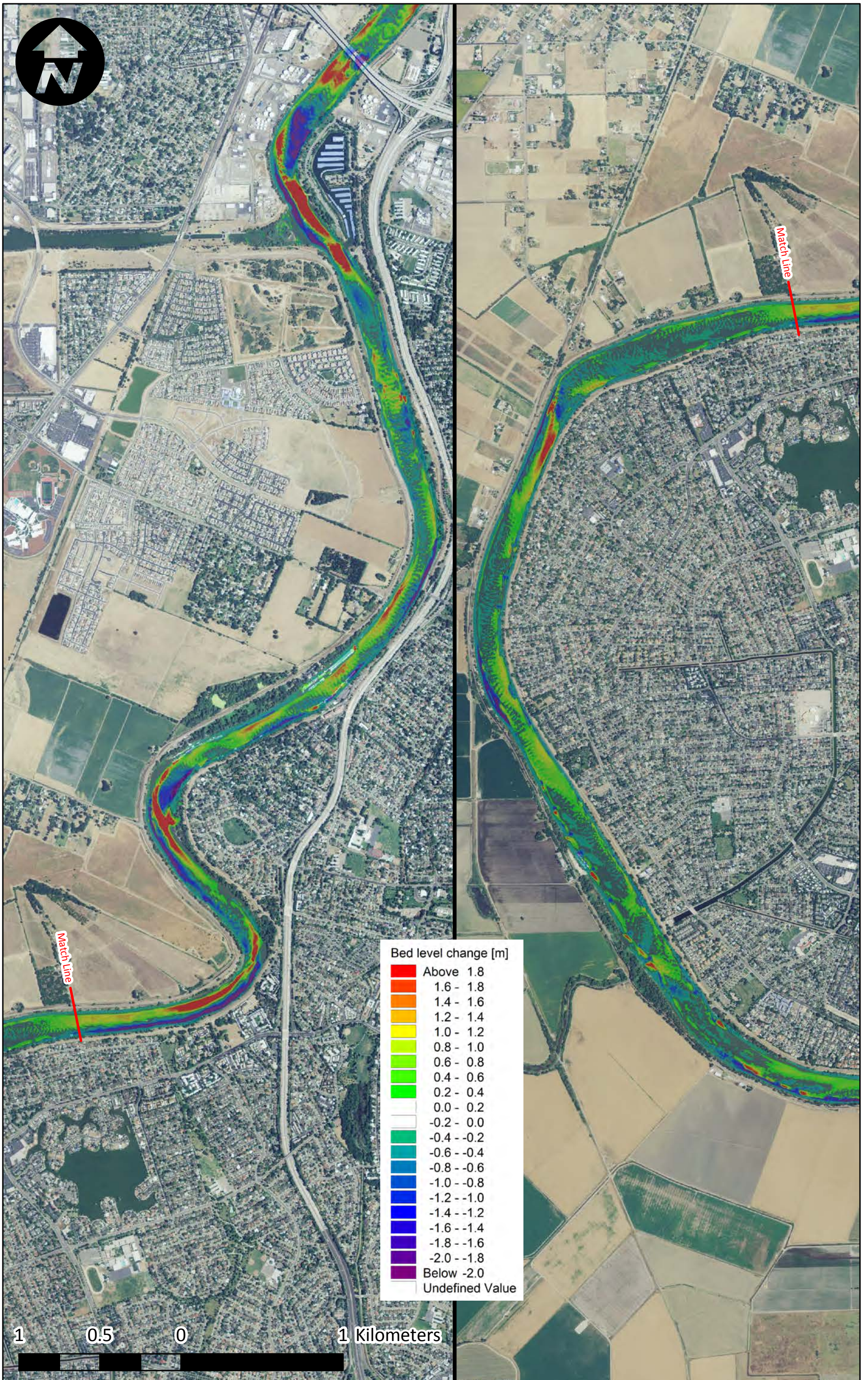


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West Sacramento Southport EIP Task Order 3
10-year event bed level change

Figure 9



Notes:

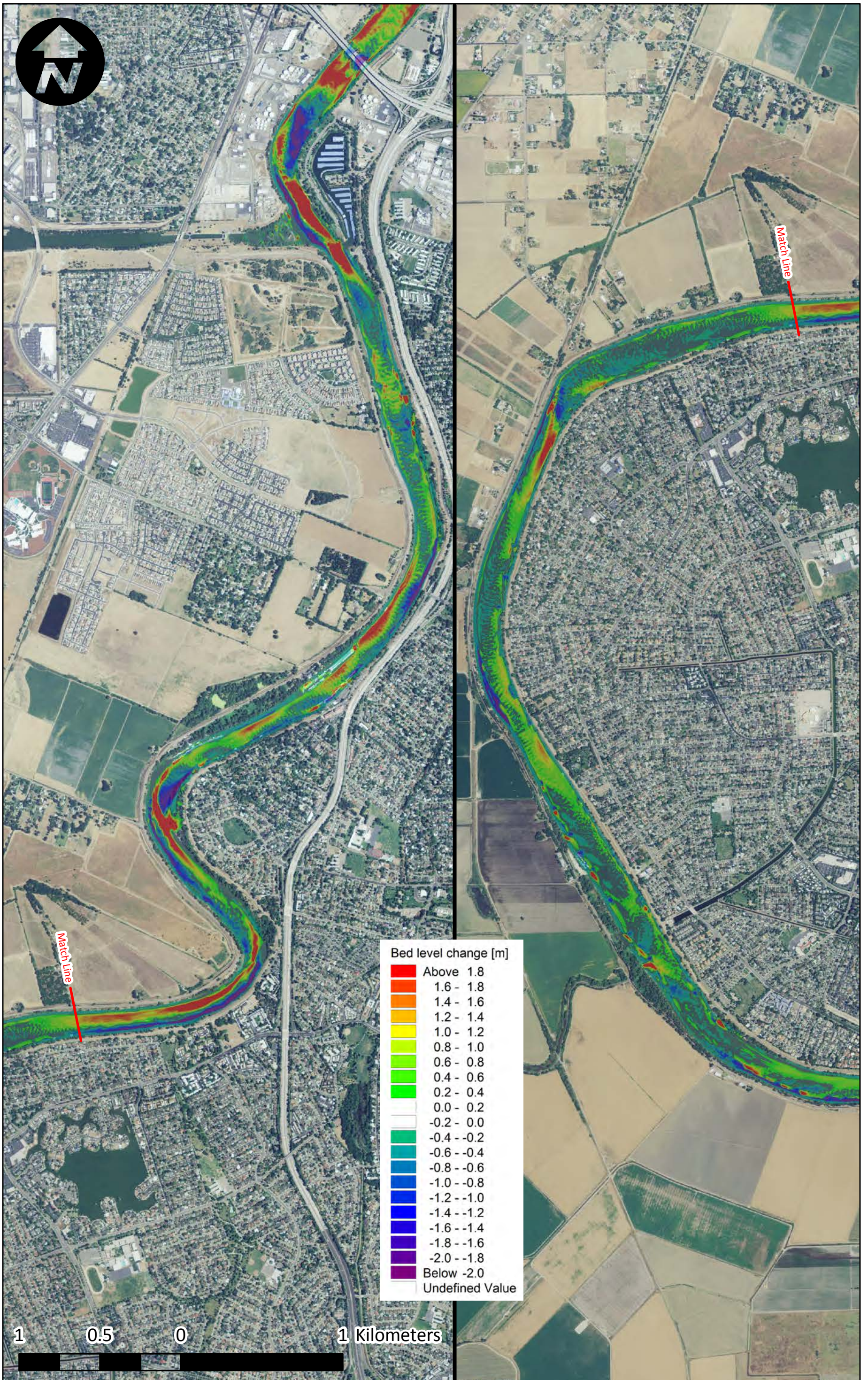


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West Sacramento Southport EIP Task Order 3
25-year event bed level change

Figure 10



Notes:

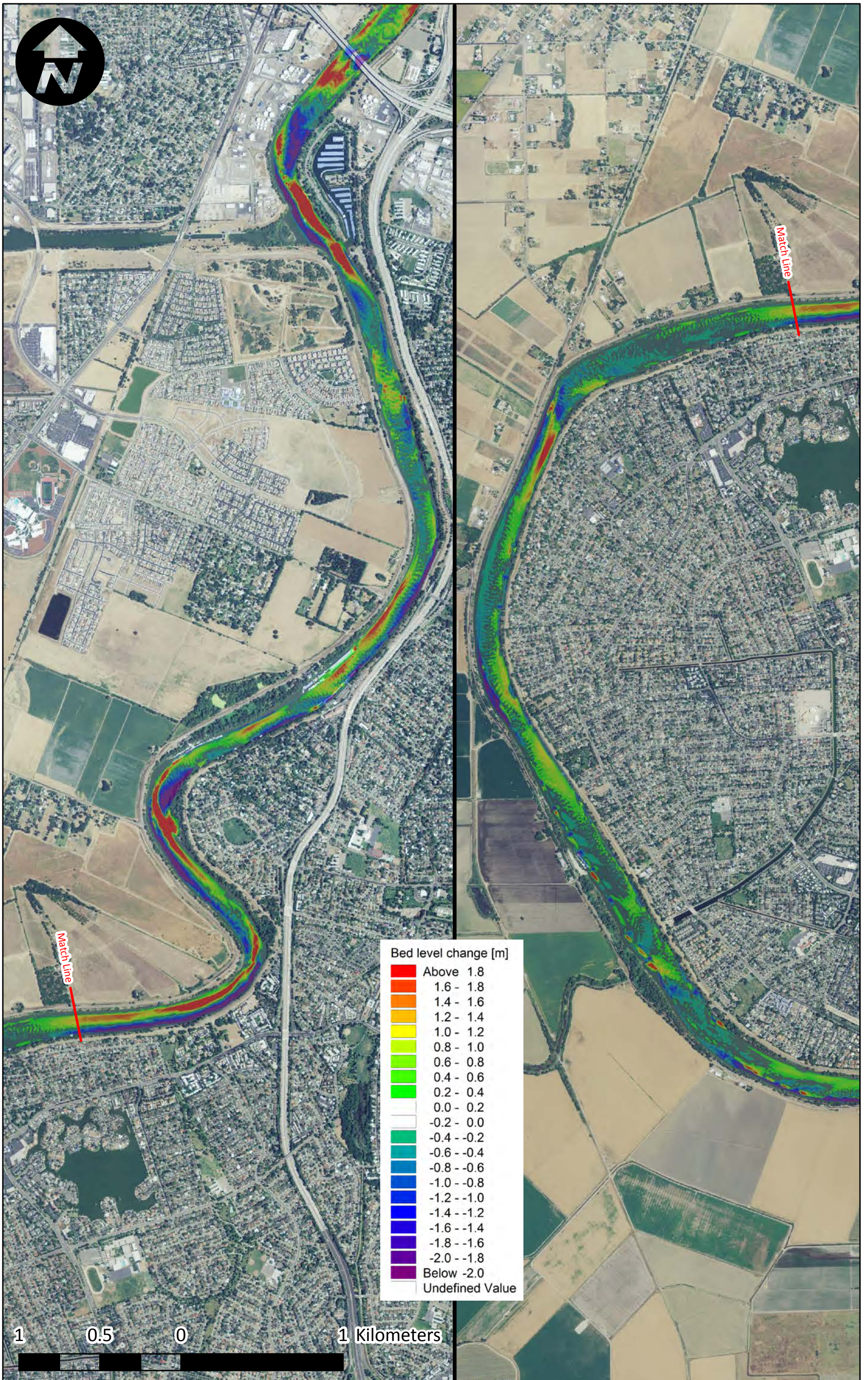


Project No. 11-1013

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West Sacramento Southport EIP Task Order 3
50-year event bed level change

Figure 11



Notes:

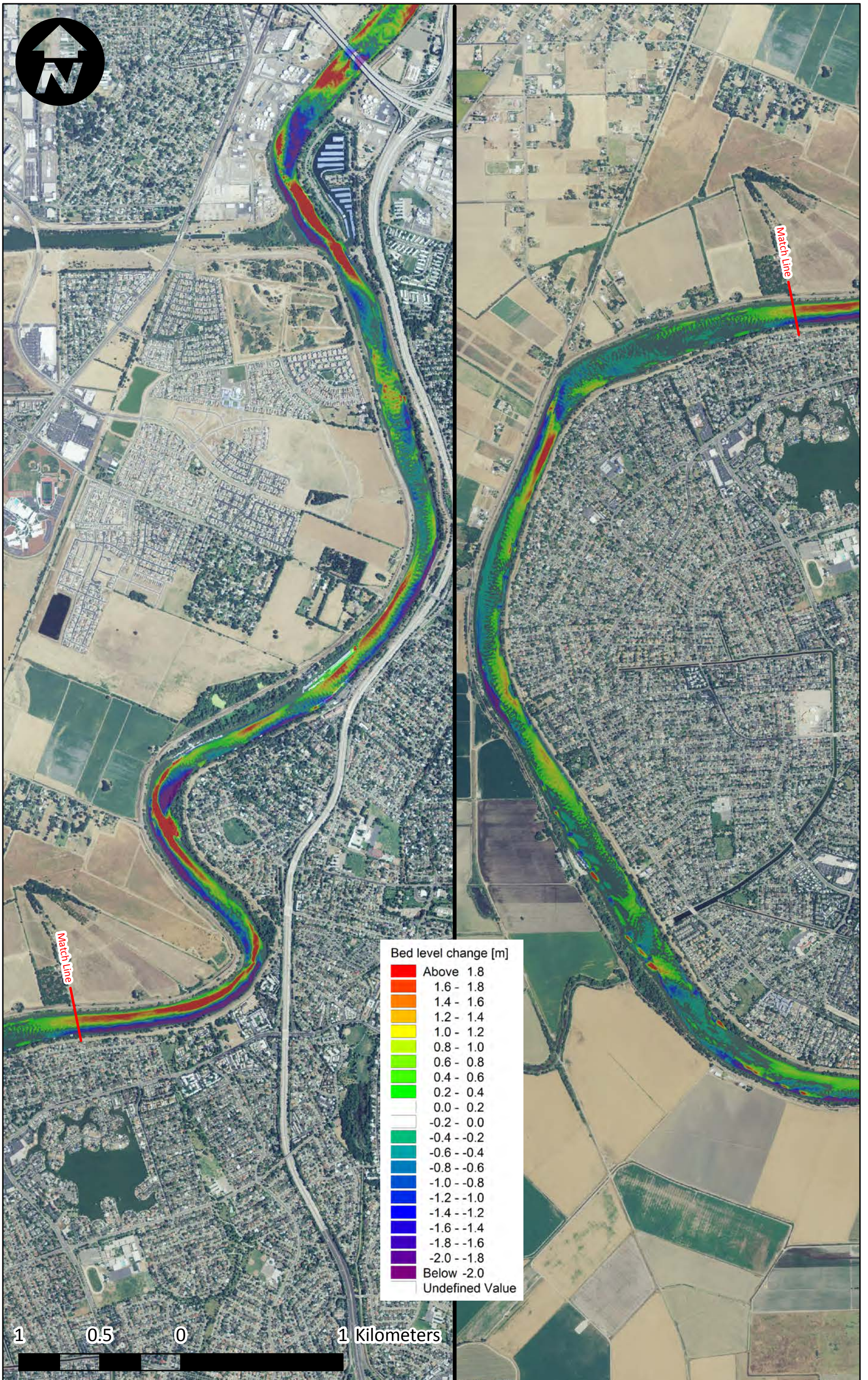


Project No. 11-1013

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West Sacramento Southport EIP Task Order 3
100-year event bed level change

Figure 12



Notes:

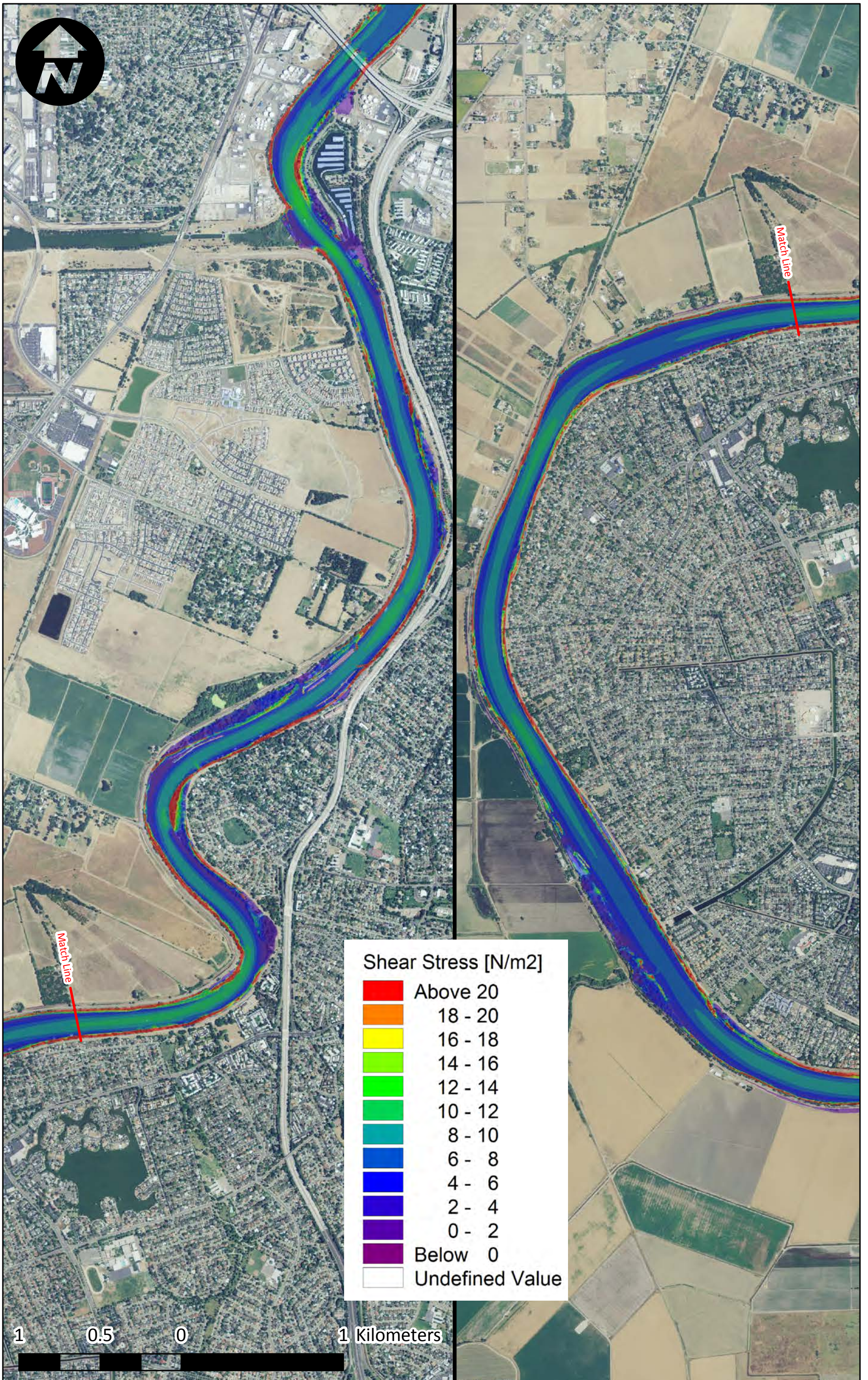


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West Sacramento Southport EIP Task Order 3
200-year event bed level change

Figure 13



Notes:

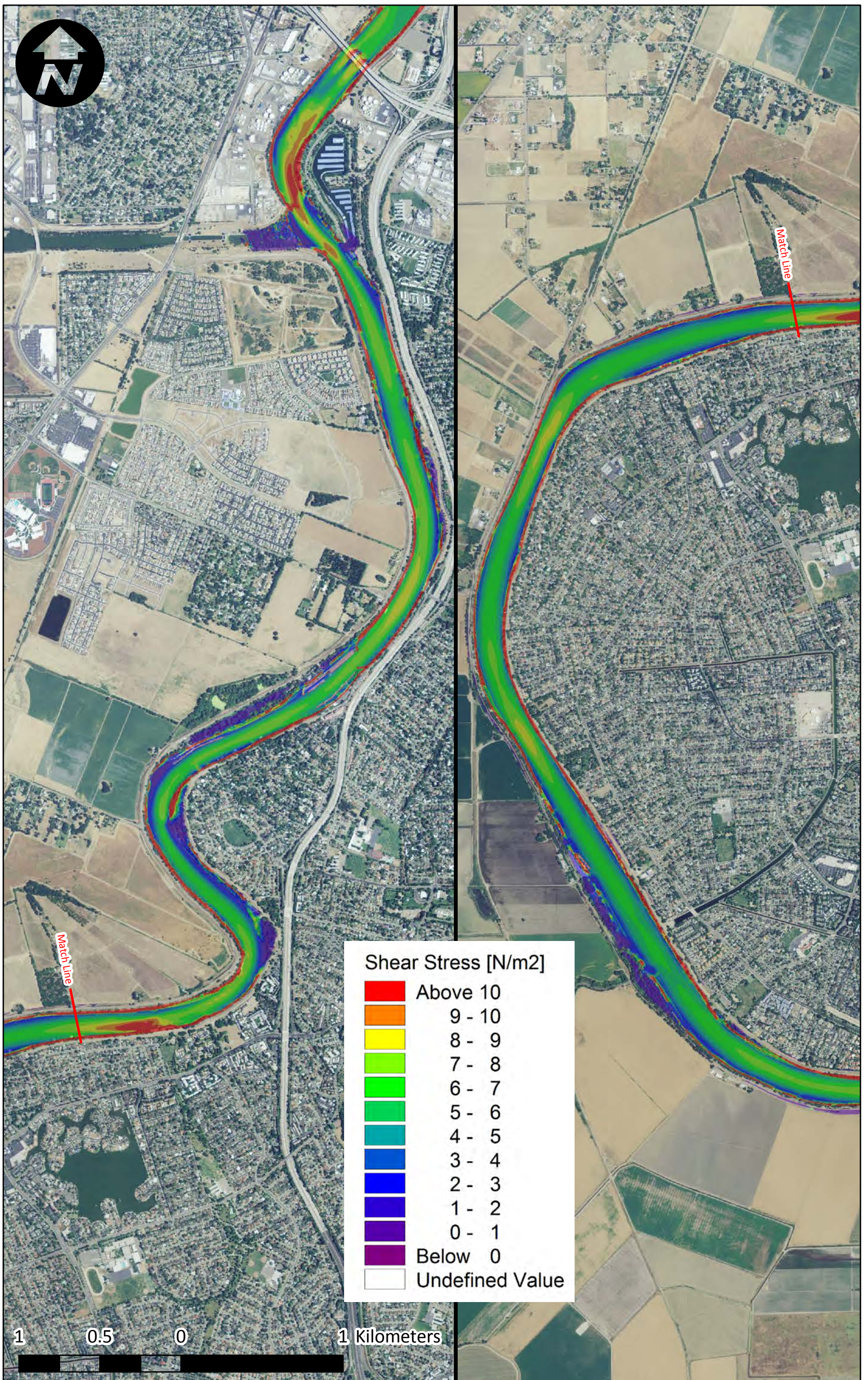


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West Sacramento Southport EIP Task Order 3
100-year event maximum bed shear stress

Figure 14



Notes:

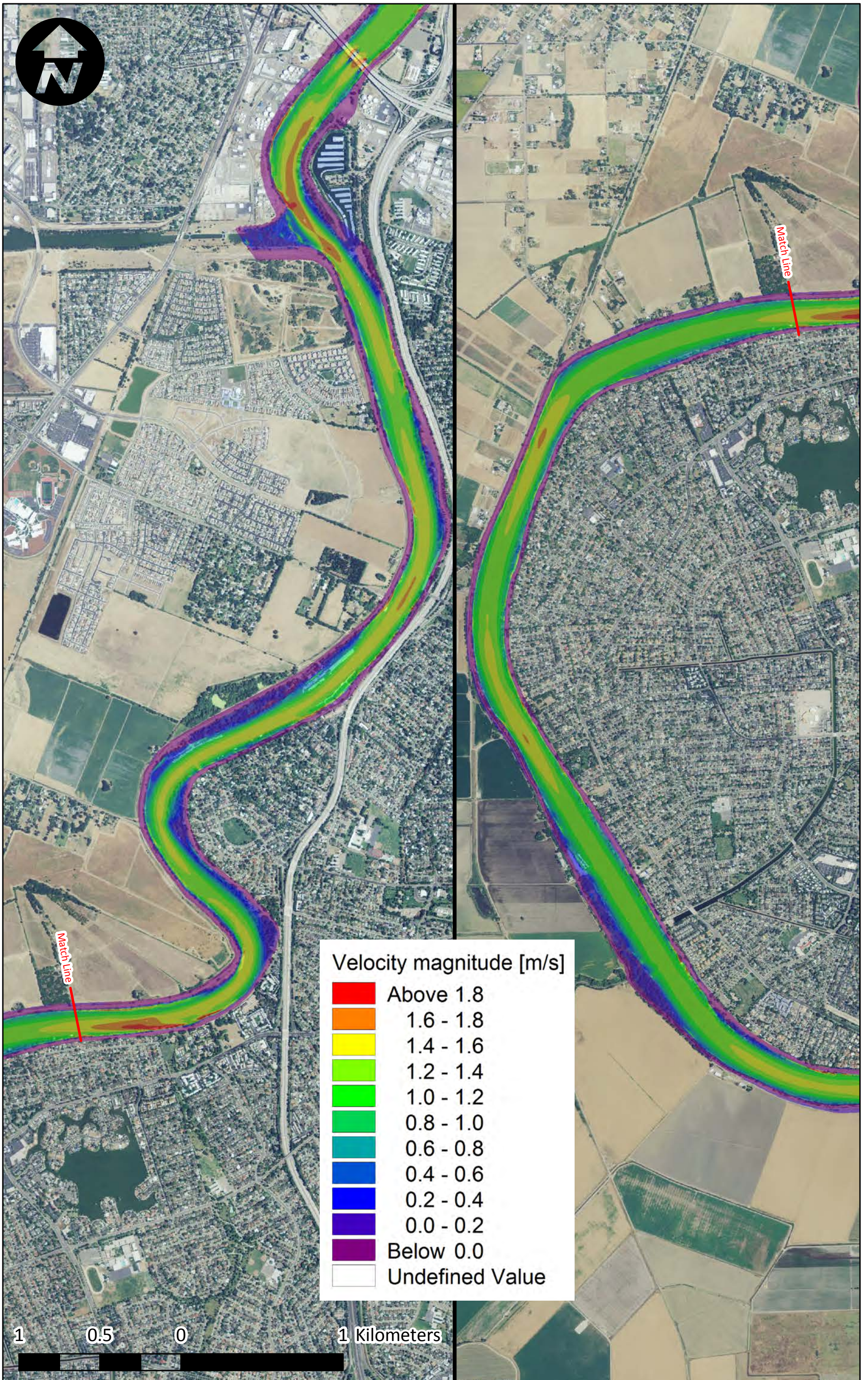


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West Sacramento Southport EIP Task Order 3
2-year event maximum bed shear stress

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Figure 15



Notes:

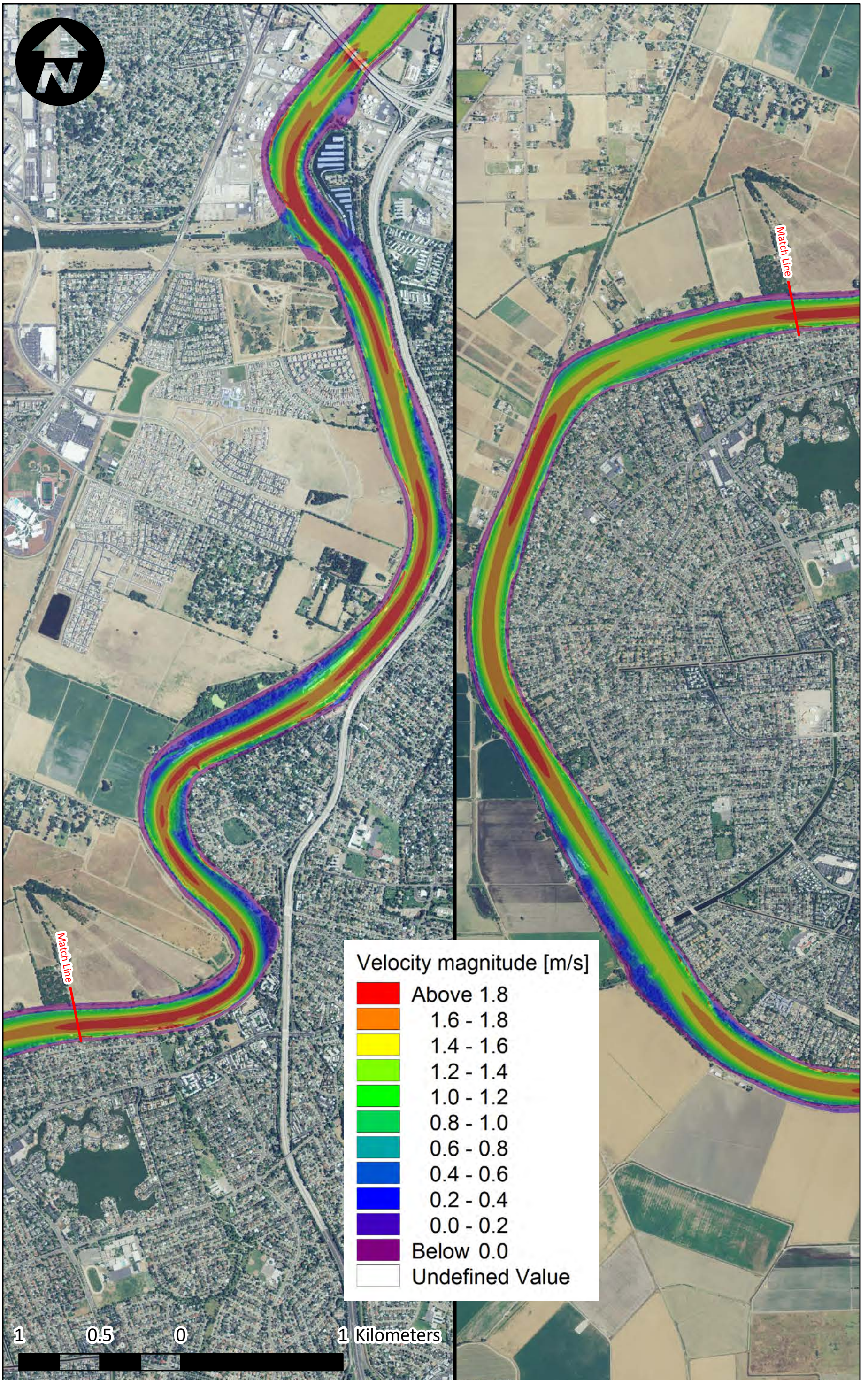


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West Sacramento Southport EIP Task Order 3
2-year event maximum velocity magnitude

Figure 16



Notes:



West Sacramento Southport EIP Task Order 3
100-year event maximum velocity magnitude

Project No. 11-1013

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Figure 17