List of Figures:

245600 245800 246000 246200 246400

6045400 6045200 6045000

10 10

Legend

Geotechnical Investigation

- Extent of geotechnical investigations
- Seismic traverse
- Mapping locality
- Long section

Topography

- 10 m contour
- 1 m contour

Land Facet

- Ef - Tidal flat/bar
- Es - Swamp/mud flat
- Mb - Beach
- Md - Dune
- Mr - Raised beach
- Mo - Outcrop
- Hu - Uplands/rolling hills
- Wa - Water

WaterNSW Borehole Database

- No drillers log available

NOTES:
1. DEM generated from LiDAR and bathymetry data obtained from elevation.fsd.org.au
2. WaterNSW borehole database - drillers logs are not technical logs and can be subjective. Assessed as low confidence.

Scale 1:3,000

N

0 25 50 75 100 m

Map Projection:
GDA2020 / MGA zone 56
EPSG:7856

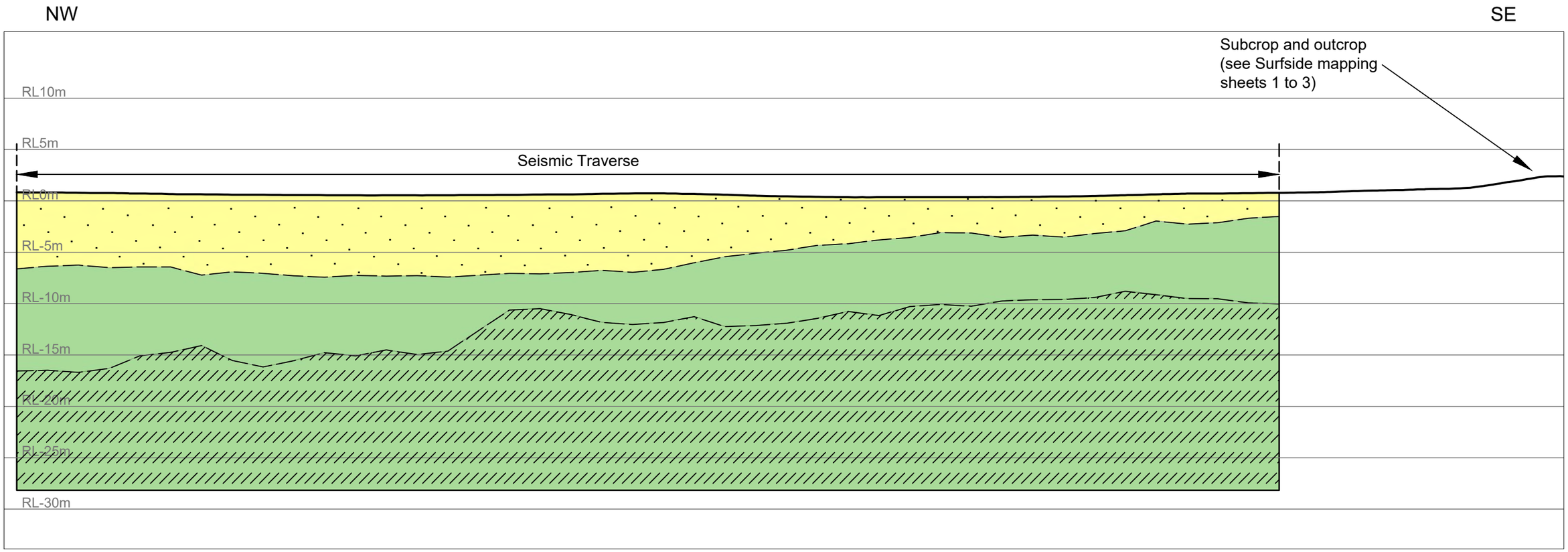
P S M	Created By: BRJ	Revision: A	
	Date: 09 Aug 2021	Paper Size: A3	

Eurobodalla Shire Council
Eurobodalla CMP - Open Coast
Geotechnical Investigation

SURFSIDE SOUTH PLAN

PSM4238-005R | Figure 1

C:\Users\Brendon.Jones\Pells Sullivan Meyrink\GIS - ArcGIS\PSM4238\02_WorkSpace\01_MXDs_QGZs\Eurobodalla Open Coast CMP BRJ Working.qgz Layout: Surfside_South_Land_Facets_Sections_WaterNSW_3k



Legend	Seismic velocity (m/s)	Possible materials based on interpreted seismic velocities only[1]
	1500 - 1500	Sand, medium dense to dense, saturated
	2200 - 2800	Rock, highly to moderately weathered, moderate to high strength
	2800 - 3500	Rock, slightly weathered to fresh, high to very high strength

——— Ground surface

– – – – Interpreted seismic refractor boundary

Notes:
1. Geological material interpretations based on seismic velocities only, assessed as low confidence, and require confirmation from drilling.

0 5 10 15 20
Scale (m)

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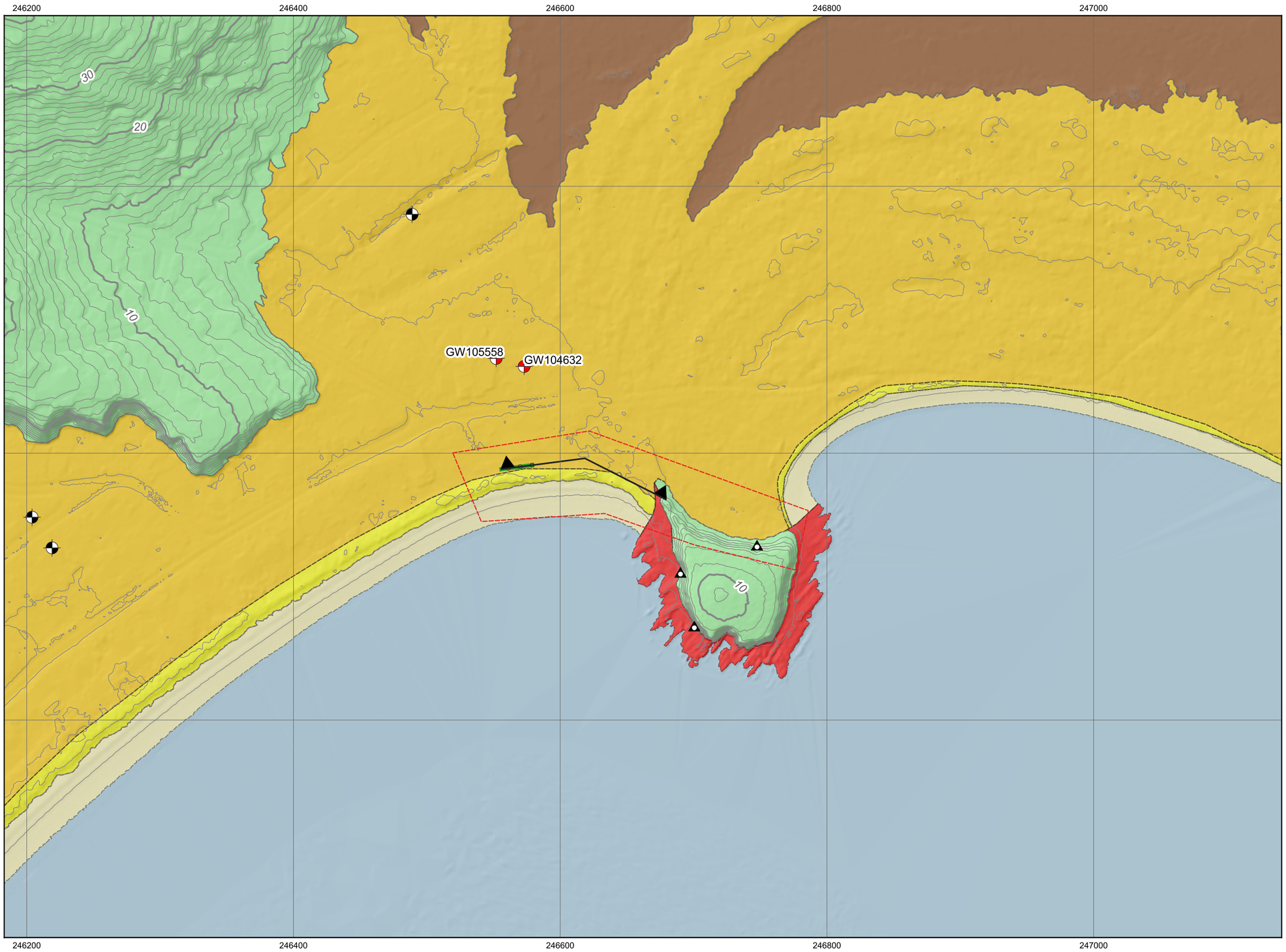
Geotechnical Investigation

SURFSIDE SOUTH CROSS-SECTION

PSM4238-005R | Figure 2



Legend

Geotechnical Investigation

- Extent of geotechnical investigations
- Seismic traverse
- Mapping locality
- Long section

Topography

- 10 m contour
- 1 m contour

Land Facet

- Es - Swamp/mud flat
- Mb - Beach
- Md - Dune
- Mr - Raised beach
- Mo - Outcrop
- Hu - Uplands/rolling hills
- Wa - Water

WaterNSW Borehole Database

- Drillers log available
- No drillers log available

NOTES:
1. DEM generated from LiDAR and bathymetry data obtained from elevation.fsd.org.au
2. WaterNSW borehole database - drillers logs are not technical logs and can be subjective. Assessed as low confidence.

N

Scale 1:3,000

0 25 50 75 100 m

Map Projection:
GDA2020 / MGA zone 56
EPSG:7856

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Geotechnical Investigation

SURFSIDE NORTH PLAN

PSM4238-005R | Figure 3

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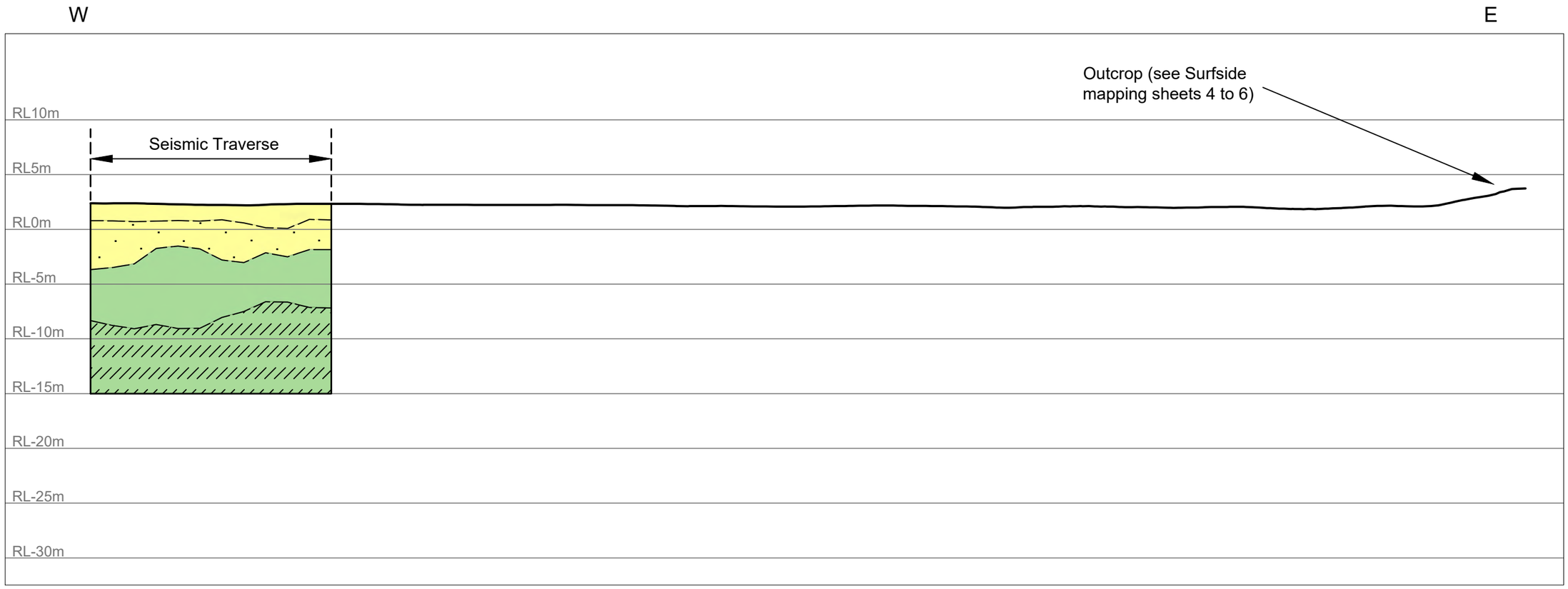


Legend	Seismic velocity (m/s)	Possible materials based on interpreted seismic velocities only[1]
	300 - 350	Sand, medium dense to dense, dry
	1100 - 1350	Sand, medium dense to dense, partially saturated to saturated
	1950 - 2200	Rock, extremely to highly weathered, low to moderate strength
	2250 - 2400	Rock, highly to slightly weathered, moderate to high strength

——— Ground surface

– – – – Interpreted seismic refractor boundary

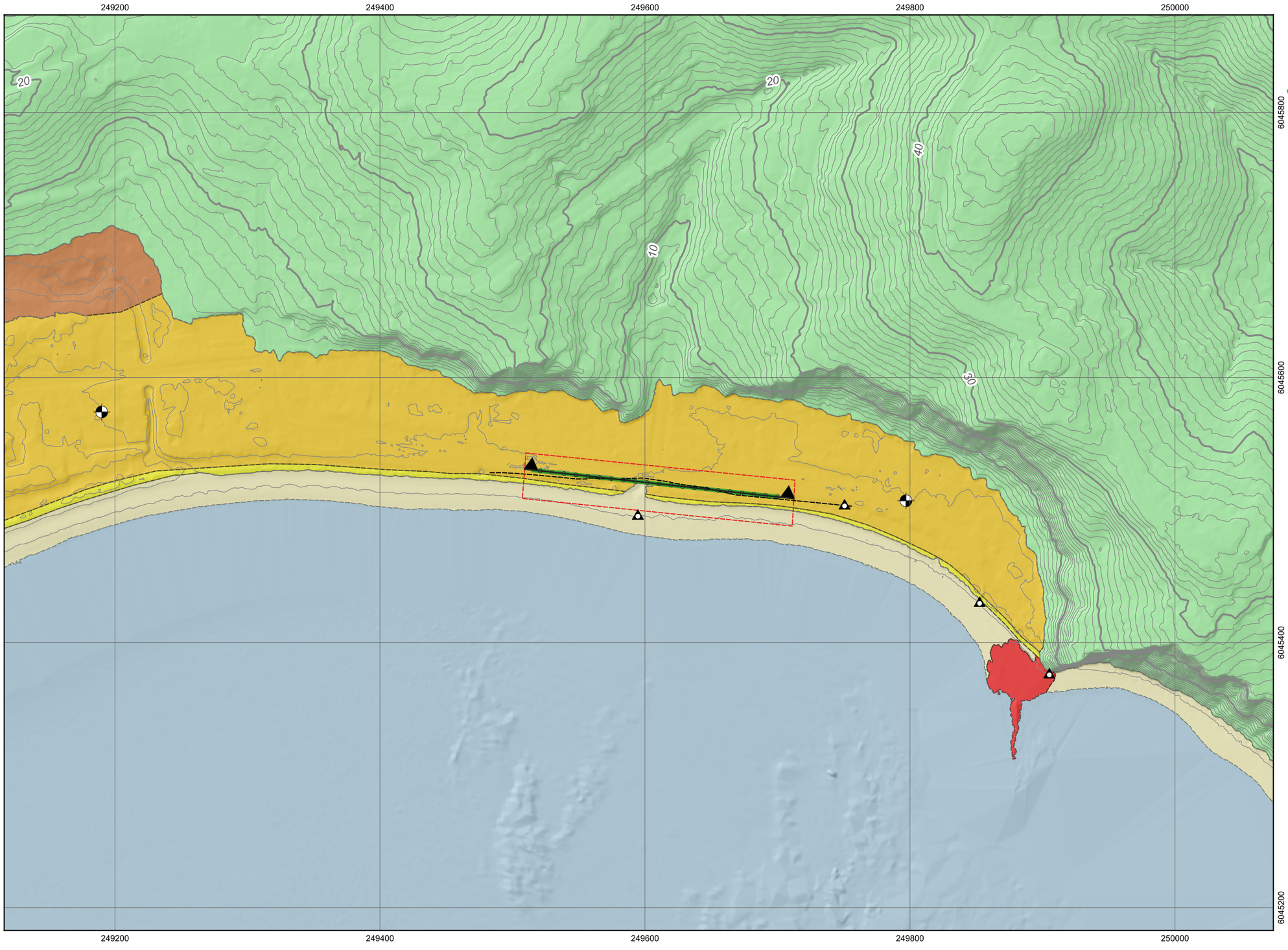
Notes:
1. Geological material interpretations based on seismic velocities only, assessed as low confidence, and require confirmation from drilling.

0 5 10 15 20
Scale (m)

Eurobodalla Shire Council
Eurobodalla CMP - Open Coast
Geotechnical Investigation

SURFSIDE NORTH CROSS-SECTION

PSM4238-005R | Figure 4



Legend

Geotechnical Investigation

- Extent of geotechnical investigations
- Seismic traverse
- Mapping locality
- Long section
- Approximate extent of seawall

Topography

- 10 m contour
- 1 m contour

Land Facet

- Ef - Tidal flat/bar
- Mb - Beach
- Md - Dune
- Mr - Raised beach
- Mo - Outcrop
- Hu - Uplands/rolling hills
- Wa - Water

WaterNSW Borehole Database

- No drillers log available

NOTES:
1. DEM generated from LiDAR and bathymetry data obtained from elevation.fsd.org.au
2. WaterNSW borehole database - drillers logs are not technical logs and can be subjective. Assessed as low confidence.

Scale 1:3,000

N

0 25 50 75 100 m

Map Projection:
GDA2020 / MGA zone 56
EPSG:7856

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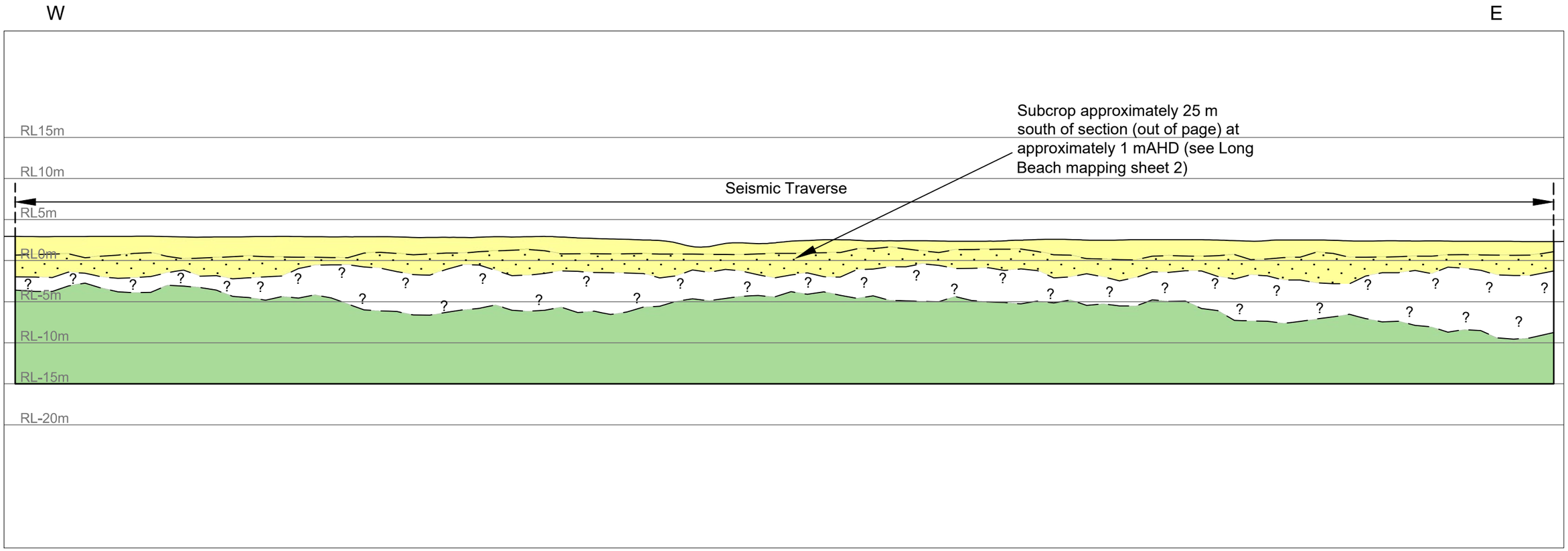
LONG BEACH PLAN

PSM4238-005R | Figure 5

C:\Users\Brendon.Jones\Pells Sullivan Meyrink\GIS - ArcGIS\PSM4238\02_WorkSpace\01_MXDs_QGZs\Eurobodalla Open Coast CMP BRJ Working.qgz Layout: LongBeach_Land_Facets_Sections_WaterNSW_3k



Legend	Seismic velocity (m/s)	Possible materials based on interpreted seismic velocities only[1]
	300 - 450	Sand, medium dense to dense, dry
. .	600 - 1450	Sand, medium dense to dense, partially saturated
?	1700 - 1950	Uncertain (ambiguous seismic velocities)
	1900 - 2300	Rock, moderately to slightly weathered, medium to high strength

——— Ground surface

– – – – Interpreted seismic refractor boundary

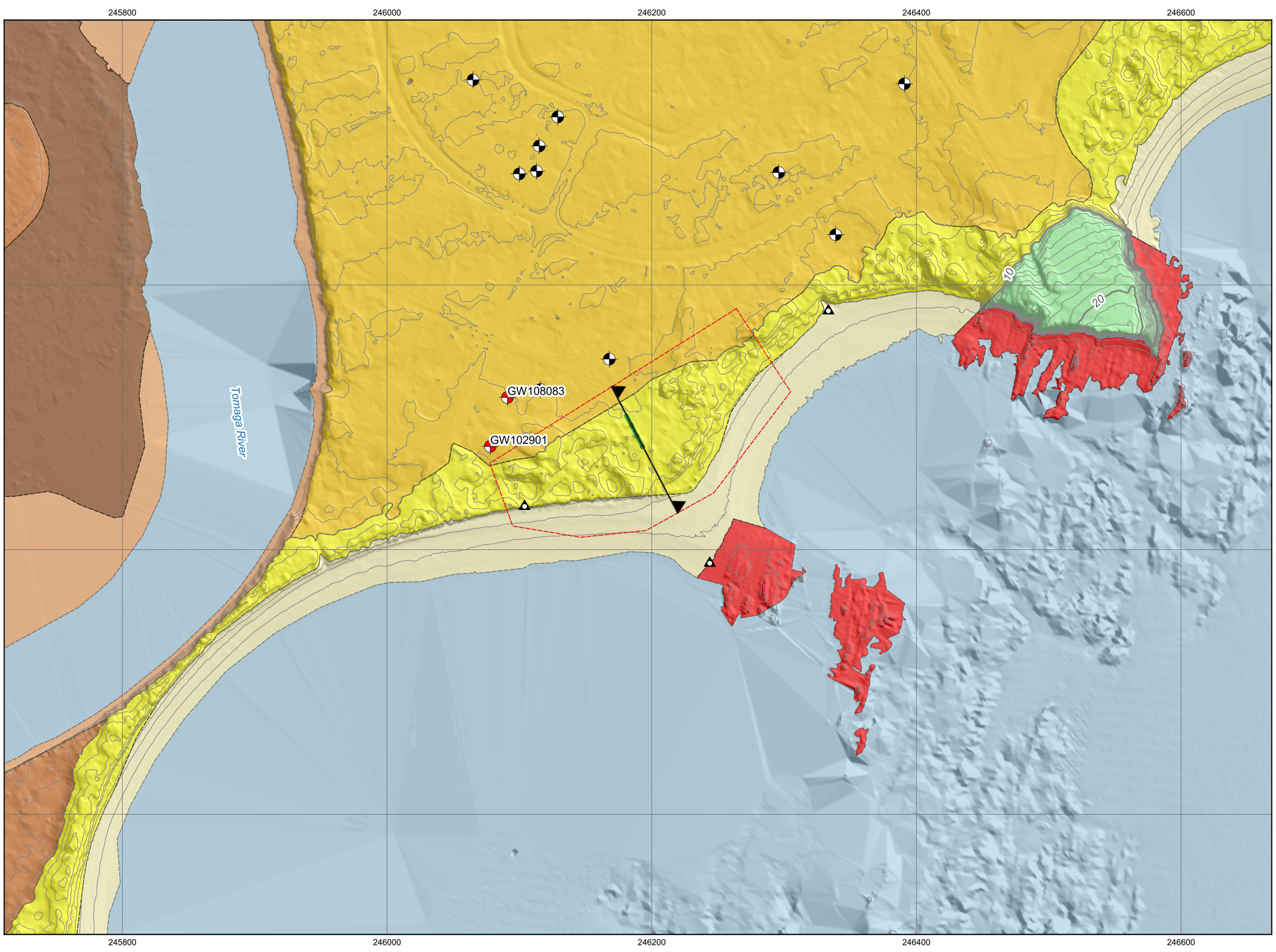
Notes:
1. Geological material interpretations based on seismic velocities only, assessed as low confidence, and require confirmation from drilling.

0 5 10 15 20
Scale (m)

Eurobodalla Shire Council
Eurobodalla CMP - Open Coast
Geotechnical Investigation

LONG BEACH CROSS-SECTION

PSM4238-005R | Figure 6



Legend

Geotechnical Investigation

- Extent of geotechnical investigations
- Seismic traverse
- Mapping locality
- Long section

Topography

- 10 m contour
- 1 m contour

Land Facet

- Eb - Channel beach/bar
- Ef - Tidal flat/bar
- Es - Swamp/mud flat
- Mb - Beach
- Md - Dune
- Mr - Raised beach
- Mo - Outcrop
- Wa - Water
- Hu - Uplands/rolling hills

WaterNSW Borehole Database

- Drillers log available
- No drillers log available

NOTES:
1. DEM generated from LiDAR and bathymetry data obtained from elevation.fsd.org.au
2. WaterNSW borehole database - drillers logs are not technical logs and can be subjective. Assessed as low confidence.

Scale 1:3,000

N

0 25 50 75 100 m

Map Projection:
GDA2020 / MGA zone 56
EPSG:7856

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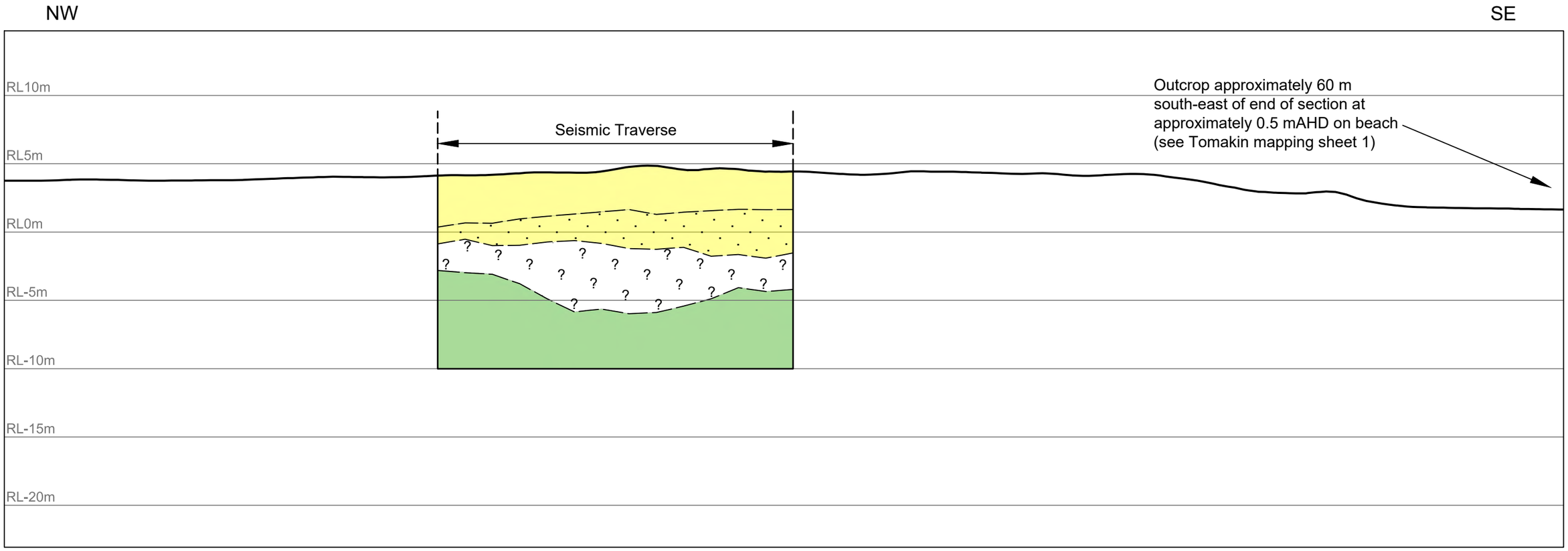
TOMAKIN PLAN

PSM4238-005R | Figure 7

C:\Users\Brendon.Jones\Pells Sullivan Meynink\GIS - ArcGIS\PSM4238\02_WorkSpace\01_MXDs_QGZs\Eurobodalla Open Coast CMP BRJ Working.qgz Layout: Tomakin_Land_Facets_Sections_WaterNSW_3k



Legend	Seismic velocity (m/s)	Possible materials based on interpreted seismic velocities only[1]
	350	Sand, medium dense to dense, dry
. .	600 - 950	Sand, medium dense to dense, partially saturated
?	1550 - 1650	Uncertain (ambiguous seismic velocities)
	2000 - 2100	Rock, highly to slightly weathered, medium to high strength

——— Ground surface

– – – – Interpreted seismic refractor boundary

Notes:
1. Geological material interpretations based on seismic velocities only, assessed as low confidence, and require confirmation from drilling.

0 2 4 6 8 10
Scale (m)

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TOMAKIN CROSS-SECTION

PSM4238-005R | Figure 8