

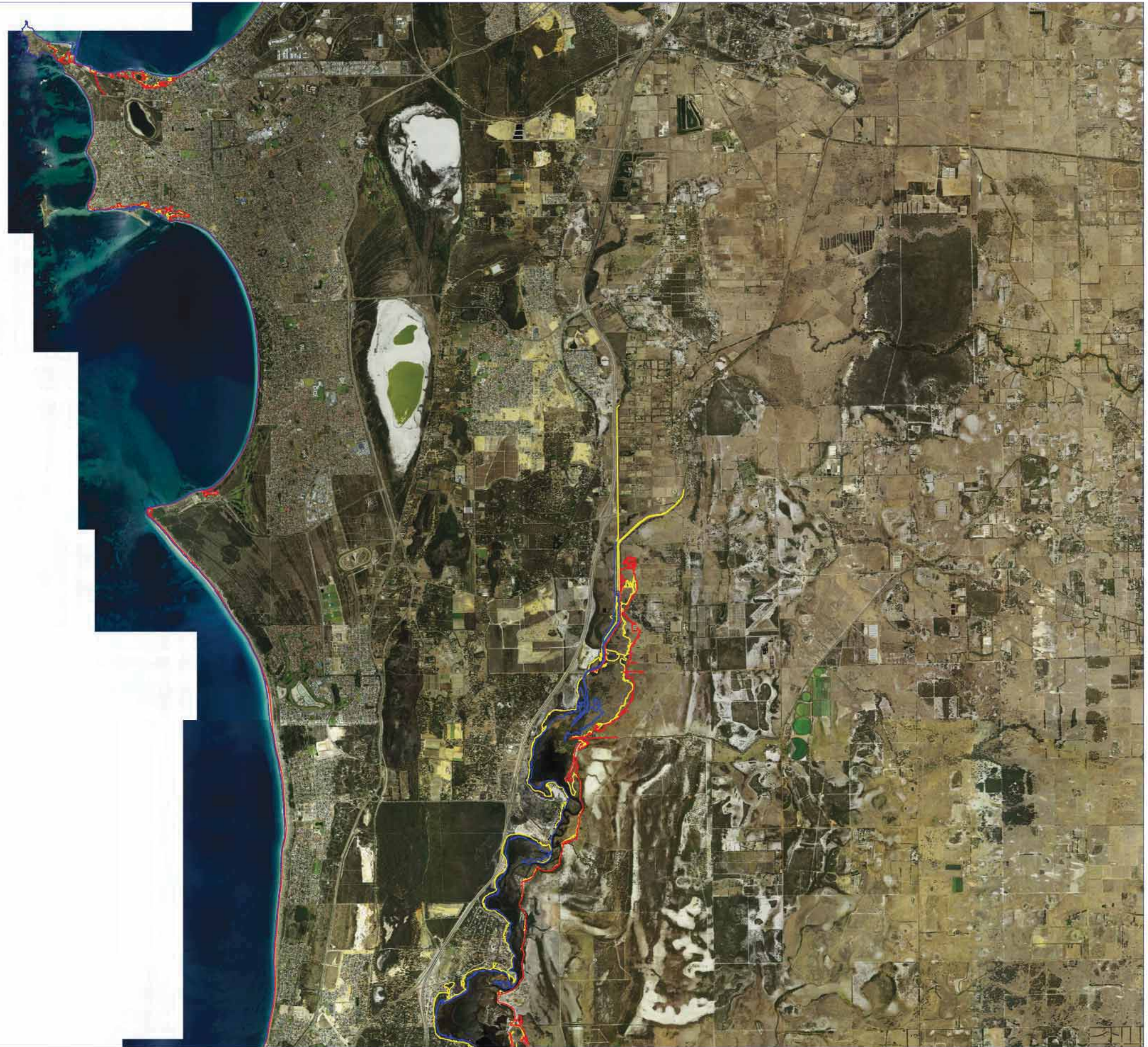
Figure 16A

Disclaimer

The image and information included here are not provided as professional or personalised advice. Whilst it is believed to be accurate at the date of product, it should not be relied upon for site-specific decision-making or for making financial or any other commitments. For decision-making purposes, appropriate independent professional advice should be obtained relevant to the particular circumstances. The City of Mandurah does not guarantee the accuracy or completeness of the image and to the fullest extent permissible at Law expressly disclaims liability for any loss, however caused and whether due to negligence or otherwise, arising directly or indirectly from the use of, or reliance on, this image or the information contained in it, by any person.

Inundation Scenarios

The image shows a modelled coastal inundation, at present day and 2110. The hazard assessment was specifically developed for economic assessments of adaptation options, which form Phases II and III of the Coastal Adaptation Decision Pathways Project. Inundation hazard mapping has been developed from evaluation of tide gauge data sets from Fremantle, Bunbury, Busselton and the network of gauges within the Peel-Harvey estuarine system. Extreme water level estimates were added to the sea level rise projection of 0.9m by 2110 to provide coastal inundation hazard levels. Inundation levels were applied to LiDAR high-resolution topography, which enabled identification of hydraulic connections between the coast and lowlands. The image shows the present day 100-year ARI water level (blue) against the corresponding Medium (yellow) and High (red) scenarios for 2110.



REV#	DATE	AMENDMENT	DRN	DESIGN APPROVAL
A	11/09/2012	INITIAL ISSUE FOR CLIENT REVIEW	JASK	

ORIG SIZE	ARCHIVE	PROJECT No
A3	SC-2350-2-1.dgn	

NOTES

SCALE 1:100000

DATUM
VERTICAL AHD

HORIZONTAL MAP GRID OF AUSTRALIA, BASED ON GDA94

ACTION	NAME	SIGNATURE	DATE
ENGINEER	M. Elloit		11/09/2012
DRAWN	J. Kay		11/09/2012
ENGINEERING CHECK			
CARTOGRAPHY CHECK			
APPROVED PROJECT MGR			

Damara WA Pty Ltd

BebbCart
Marine, Cadastral & Topographic Mapping
Civil Drafting

PERON - NATURALISTE
COASTAL ADAPTATION PATHWAYS
PHASE 1 COASTAL HAZARD ASSESSMENTS
INUNDATION ASSESSMENT

DRAWING NUMBER SC-2350-2-1

REV# A

Figure 16B

Disclaimer

The image and information included here are not provided as professional or personalised advice. Whilst it is believed to be accurate at the date of product, it should not be relied upon for site-specific decision-making or for making financial or any other commitments. For decision-making purposes, appropriate independent professional advice should be obtained relevant to the particular circumstances. The City of Mandurah does not guarantee the accuracy or completeness of the image and to the fullest extent permissible at Law expressly disclaims liability for any loss, however caused and whether due to negligence or otherwise, arising directly or indirectly from the use of, or reliance on, this image or the information contained in it, by any person.

Inundation Scenarios

The image shows a modelled coastal inundation, at present day and 2110. The hazard assessment was specifically developed for economic assessments of adaptation options, which form Phases II and III of the Coastal Adaptation Decision Pathways Project. Inundation hazard mapping has been developed from evaluation of tide gauge data sets from Fremantle, Bunbury, Busselton and the network of gauges within the Peel-Harvey estuarine system. Extreme water level estimates were added to the sea level rise projection of 0.9m by 2110 to provide coastal inundation hazard levels. Inundation levels were applied to LiDAR high-resolution topography, which enabled identification of hydraulic connections between the coast and lowlands. The image shows the present day 100-year ARI water level (blue) against the corresponding Medium (yellow) and High (red) scenarios for 2110.

1
2
3
4
5
6
7



REV#	DATE	AMENDMENT	DRN	DESIGN APPROVAL
4	12/10/2012	INITIAL ISSUE FOR CLIENT REVIEW	JAK	

NOTES

SCALE 1:100000

DATUM
VERTICAL: AHD

HORIZONTAL: MAP GRID OF AUSTRALIA, BASED ON GDA94

ACTION	NAME	SIGNATURE	DATE
ENGINEER	M. Eloit		12/10/2012
DRAWN	J. Kay		12/10/2012
ENGINEERING CHECK			
CARTOGRAPHY CHECK			
APPROVED PROJECT MGR			

Damara WA Pty Ltd

BebbCart
Marine, Cadastral & Topographic Mapping
Civil Drafting

PERON - NATURALISTE
COASTAL ADAPTATION PATHWAYS
PHASE 1 COASTAL HAZARD ASSESSMENTS
INUNDATION ASSESMENT

DRAWING NUMBER SC-2350-2-2

REV# A

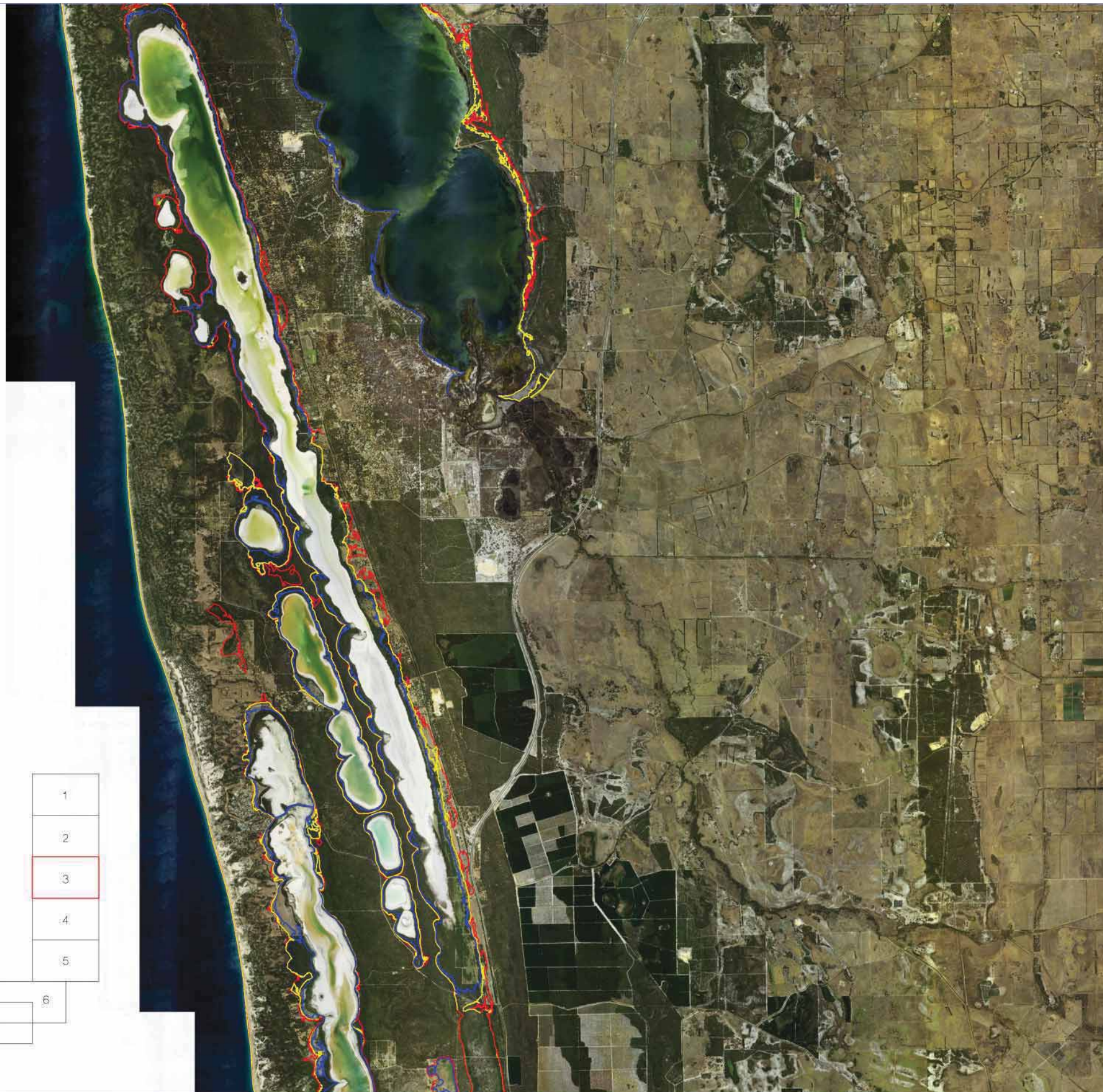
Figure 16C

Disclaimer

The image and information included here are not provided as professional or personalised advice. Whilst it is believed to be accurate at the date of product, it should not be relied upon for site-specific decision-making or for making financial or any other commitments. For decision-making purposes, appropriate independent professional advice should be obtained relevant to the particular circumstances. The City of Mandurah does not guarantee the accuracy or completeness of the image and to the fullest extent permissible at Law expressly disclaims liability for any loss, however caused and whether due to negligence or otherwise, arising directly or indirectly from the use of, or reliance on, this image or the information contained in it, by any person.

Inundation Scenarios

The image shows a modelled coastal inundation, at present day and 2110. The hazard assessment was specifically developed for economic assessments of adaptation options, which form Phases II and III of the Coastal Adaptation Decision Pathways Project. Inundation hazard mapping has been developed from evaluation of tide gauge data sets from Fremantle, Bunbury, Busselton and the network of gauges within the Peel-Harvey estuarine system. Extreme water level estimates were added to the sea level rise projection of 0.9m by 2110 to provide coastal inundation hazard levels. Inundation levels were applied to LiDAR high-resolution topography, which enabled identification of hydraulic connections between the coast and lowlands. The image shows the present day 100-year ARI water level (blue) against the corresponding Medium (yellow) and High (red) scenarios for 2110.



1
2
3
4
5
6
7

REV#	DATE	AMENDMENT	DRN	DESIGN APPROVAL
A	12/02/12	INITIAL ISSUE FOR CLIENT REVIEW	JAK	

NOTES

SCALE 1:100000

DATUM
VERTICAL: AHD

HORIZONTAL: MAP GRID OF AUSTRALIA, BASED ON GDA94

ACTION	NAME	SIGNATURE	DATE
ENGINEER	M. Eloit		12/02/12
DRAWN	J. Kay		12/02/12
ENGINEERING CHECK			
CARTOGRAPHY CHECK			
APPROVED PROJECT MGR			

Damara WA Pty Ltd

BebbCart

Marine, Coastal & Topographic Mapping
Civil Drafting

PERON - NATURALISTE
COASTAL ADAPTATION PATHWAYS
PHASE 1 COASTAL HAZARD ASSESMENTS
INUNDATION ASSESMENT

DRAWING NUMBER SC-2350-2-3

REV# A

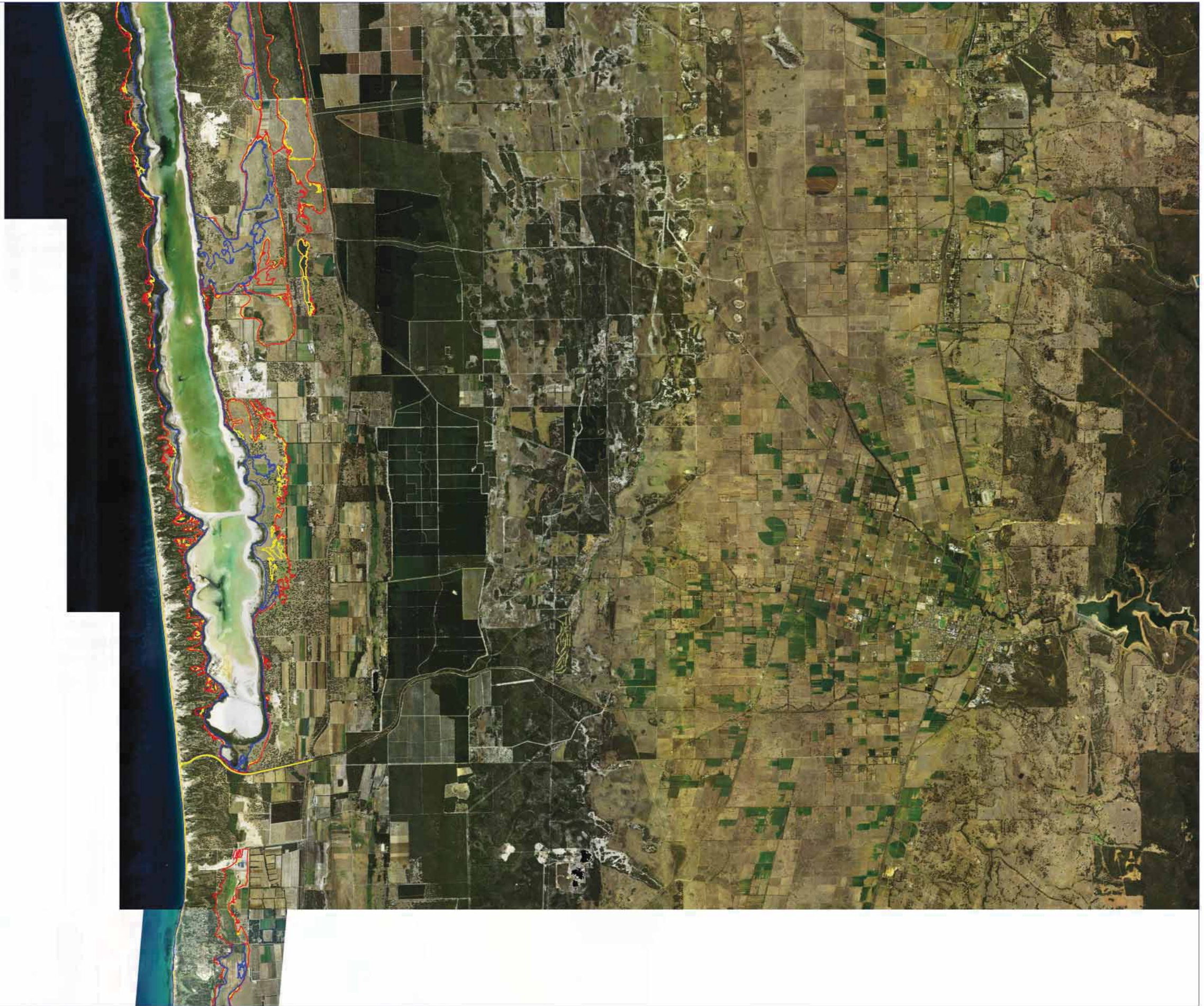
Figure 16D

Disclaimer

The image and information included here are not provided as professional or personalised advice. Whilst it is believed to be accurate at the date of product, it should not be relied upon for site-specific decision-making or for making financial or any other commitments. For decision-making purposes, appropriate independent professional advice should be obtained relevant to the particular circumstances. The City of Mandurah does not guarantee the accuracy or completeness of the image and to the fullest extent permissible at Law expressly disclaims liability for any loss, however caused and whether due to negligence or otherwise, arising directly or indirectly from the use of, or reliance on, this image or the information contained in it, by any person.

Inundation Scenarios

The image shows a modelled coastal inundation, at present day and 2110. The hazard assessment was specifically developed for economic assessments of adaptation options, which form Phases II and III of the Coastal Adaptation Decision Pathways Project. Inundation hazard mapping has been developed from evaluation of tide gauge data sets from Fremantle, Bunbury, Busselton and the network of gauges within the Peel-Harvey estuarine system. Extreme water level estimates were added to the sea level rise projection of 0.9m by 2110 to provide coastal inundation hazard levels. Inundation levels were applied to LiDAR high-resolution topography, which enabled identification of hydraulic connections between the coast and lowlands. The image shows the present day 100-year ARI water level (blue) against the corresponding Medium (yellow) and High (red) scenarios for 2110.



REV#	DATE	AMENDMENT	DRN	DESIGN APPROVAL
A	12/10/2012	INITIAL ISSUE FOR CLIENT REVIEW	JAK	

ORIG SIZE	ARCHIVE	PROJECT NO.
A3	SC-2350-2-4.dgn	

NOTES

SCALE 1:100000

DATUM
VERTICAL: AHD

HORIZONTAL: MAP GRID OF AUSTRALIA, BASED ON GDA94

ACTION	NAME	SIGNATURE	DATE
ENGINEER:	M. Elgih		12/10/2012
DRAWN:	J. Kay		12/10/2012
ENGINEERING CHECK:			
CARTOGRAPHY CHECK:			
APPROVED PROJECT MGR:			

Damara WA Pty Ltd

BebbCart
Marine, Cadastral & Topographic Mapping
Civil Grating

PERON - NATURALISTE
COASTAL ADAPTATION PATHWAYS
PHASE 1 COASTAL HAZARD ASSESMENTS
INUNDATION ASSESMENT

DRAWING NUMBER SC-2350-2-4

REV# A