

**Figure 16E**

**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	DRW	DESIGN APPROVAL
A	12/10/2012	INITIAL ISSUE FOR CLIENT REVIEW	JASK	

NOTES

SCALE 1:100000

DATUM  
VERTICAL AHD

HORIZONTAL MAP GRID OF AUSTRALIA, BASED ON GDA94

ACTION	NAME	SIGNATURE	DATE
ENGINEER	M. Elott		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-2350-2-5

REV# A

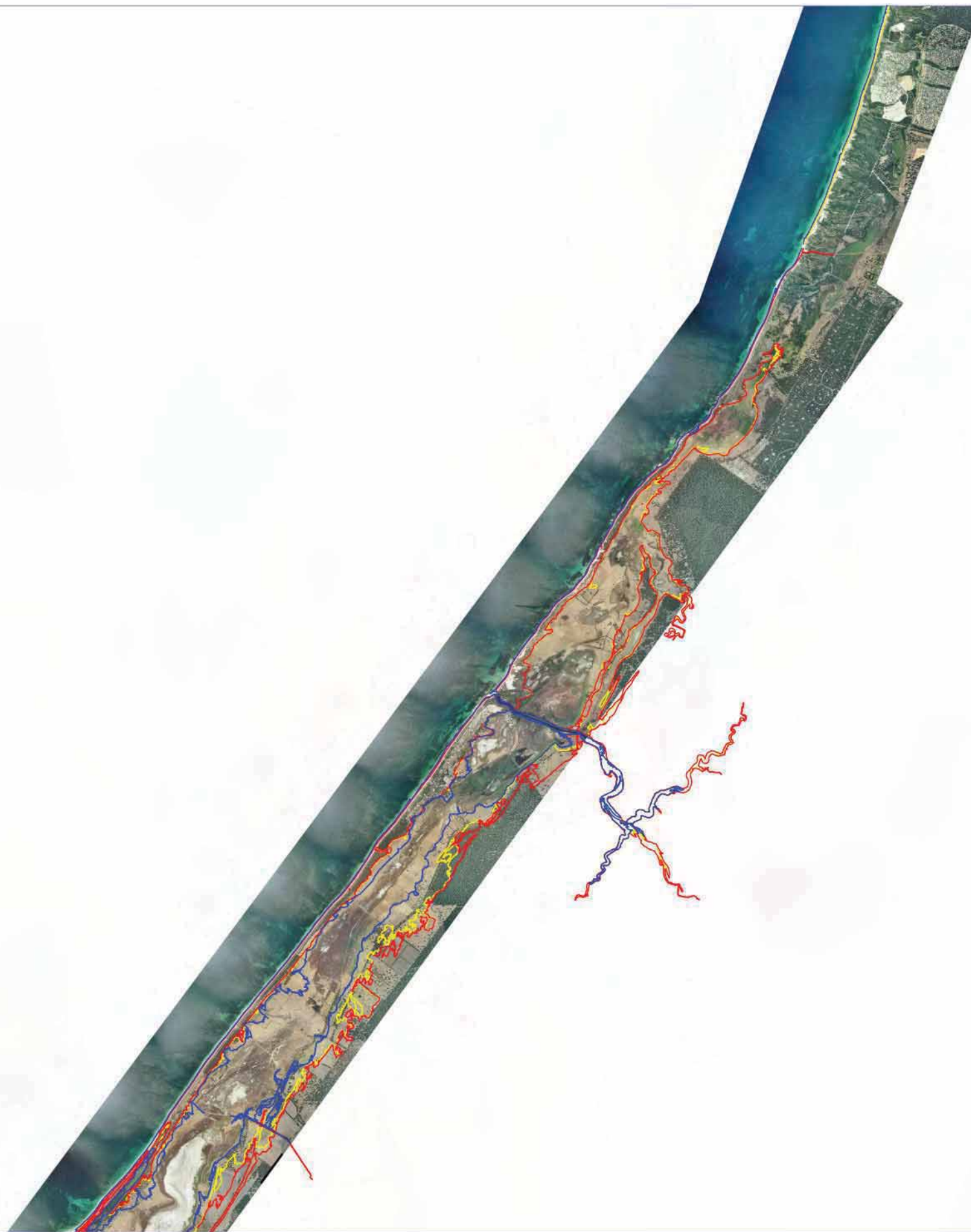
**Figure 16F**

**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.



NOTES			
A	12/10/2012	INITIAL ISSUE FOR CLIENT REVIEW	JSK
REV	DATE	AMENDMENT	DRN
			DESIGN APPROVAL
ORIG SIZE A3		ARCHIVE SC-2350-2-6.rvt	PROJECT NO

SCALE 1:100000

DATUM  
VERTICAL AHD

GDA

HORIZONTAL: MAP GRID OF AUSTRALIA, BASED ON GDA94

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

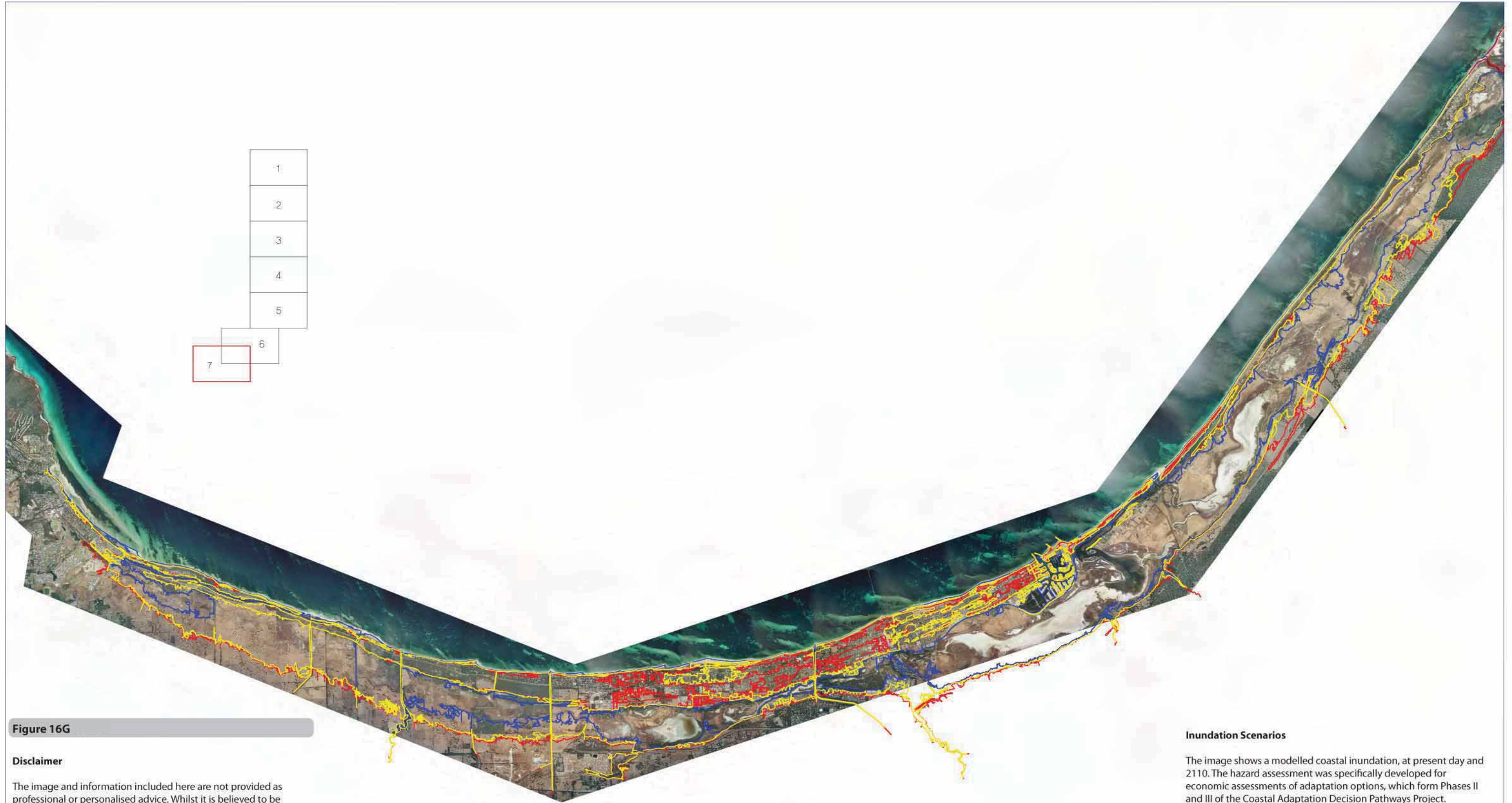
**Damara WA Pty Ltd**

**BebbCart**  
Marine, Cadastral & Topographic Mapping  
Civil Drafting

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

DRAWING NUMBER SC-2350-2-6 REV A

1
2
3
4
5
6
7



**Figure 16G**

**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-2350-2-7.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 Drafting

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

DRAWING NUMBER SC-2350-2-7

REV A