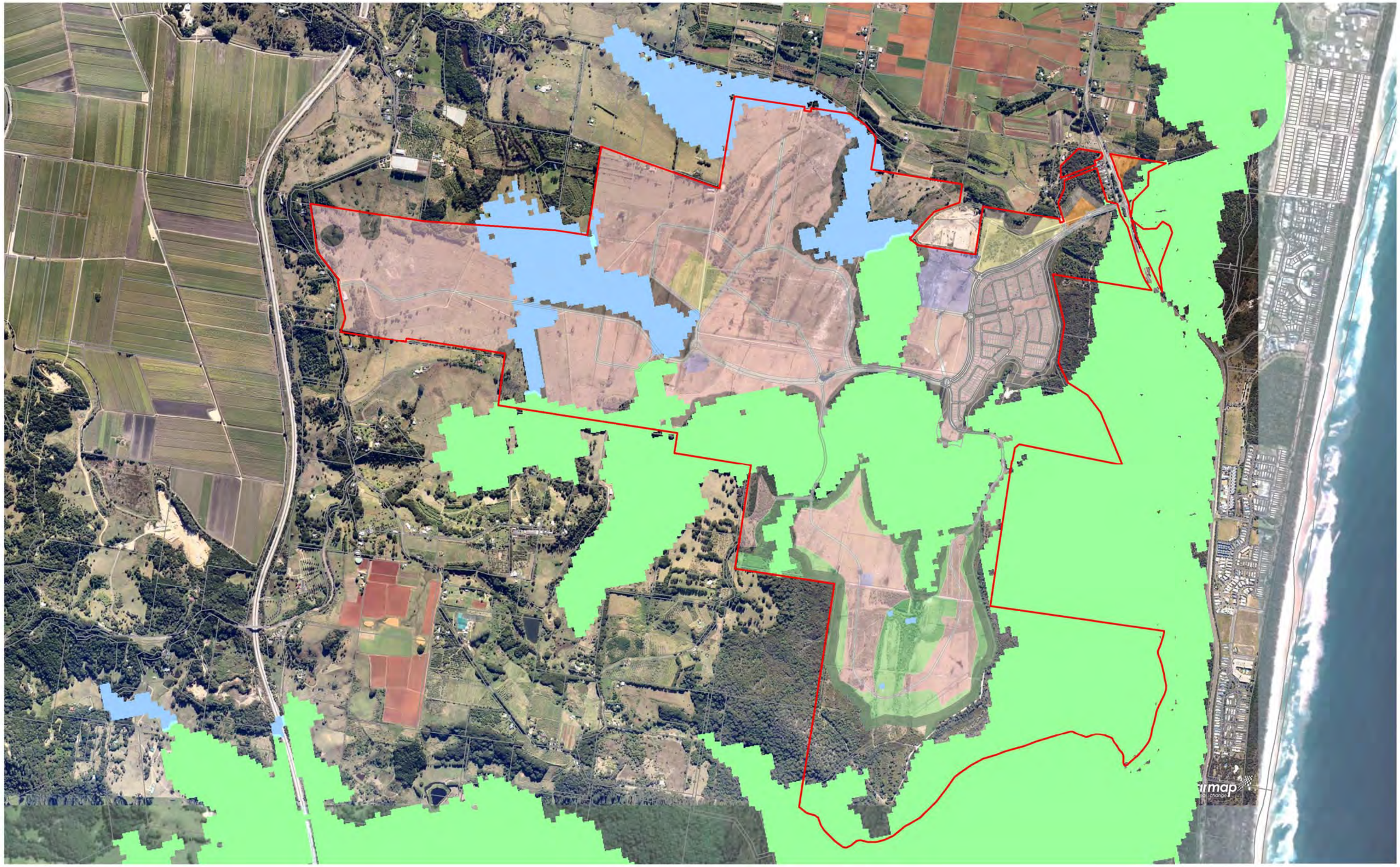


ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND

Site boundary

Critical storm event
- 500 year ARI 6hr runoff event (100 year ARI storm surge)
- 500 year ARI 24hr runoff event (100 year ARI storm surge)
- 500 year ARI 36hr runoff event (100 year ARI storm surge)

SOURCES

Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

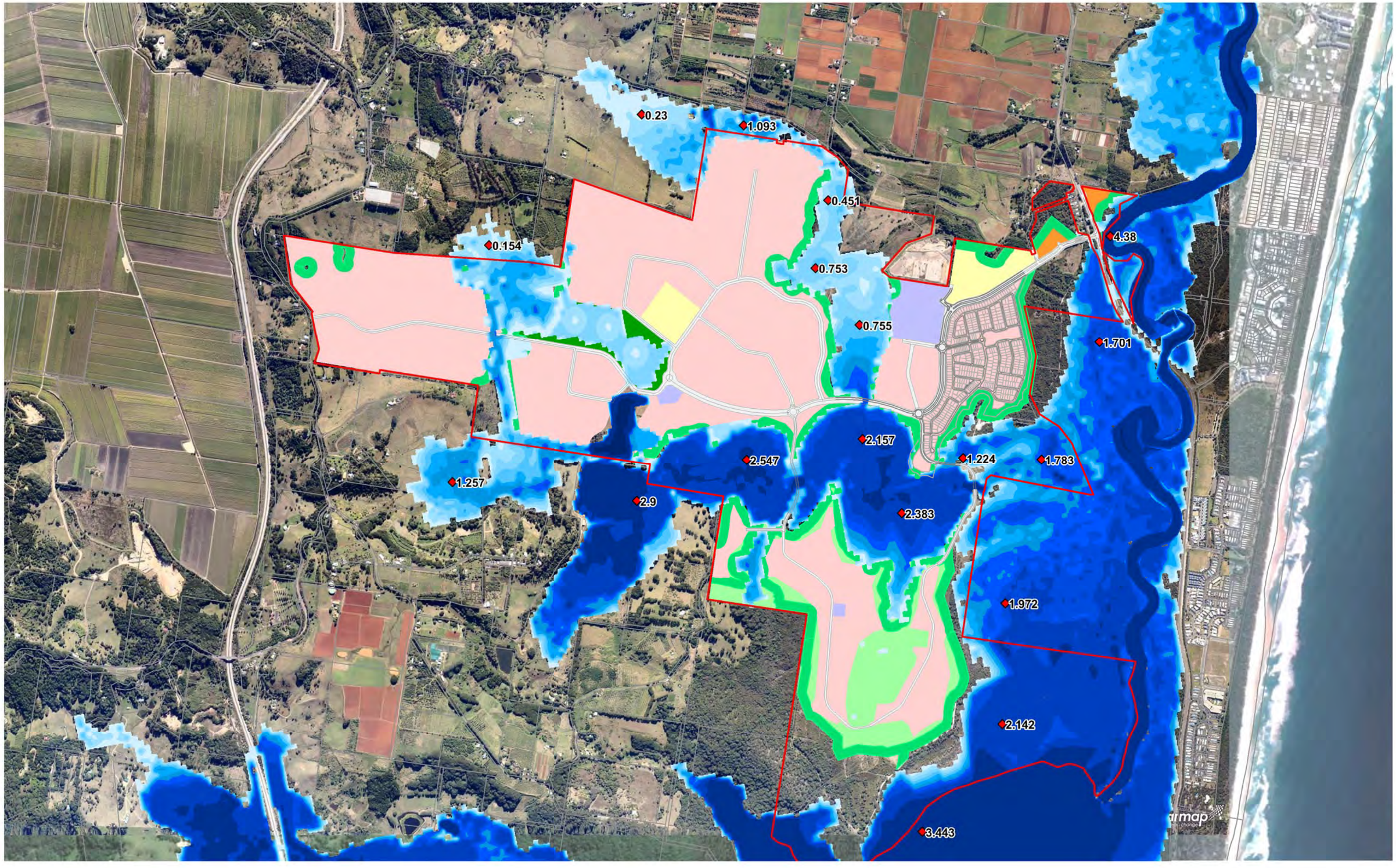
PROJECT
KINGS FOREST REGIONAL FLOOD MAPS

CLIENT
PROJECT 28 PTY LTD

DRAWING
500 YEAR ARI DEVELOPED CASE CRITICAL STORM ANALYSIS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	28/08/12	AJF	NTZ	10927	MAP-40

Brisbane Sydney Melbourne and regions
GILBERT SUTHERLAND
Agriculture. Water. Environment.



ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND
- Site boundary
- 0.2 Depth at reporting point

Depth (m)

0 to 0.25	1.50 to 1.75
0.25 to 0.50	1.75 to 2.00
0.50 to 0.75	2.00 to 2.50
0.75 to 1.00	2.50 to 5.00
1.00 to 1.25	5.00 to 10.0
1.25 to 1.50	> 10.0

SOURCES
Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

PROJECT
KINGS FOREST REGIONAL FLOOD MAPS

CLIENT
PROJECT 28 PTY LTD

DRAWING
500 YEAR ARI DEVELOPED CASE FLOOD DEPTHS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	28/08/12	AJF	NTZ	10927	MAP-41

Brisbane Sydney Melbourne and regions
GILBERT SUTHERLAND
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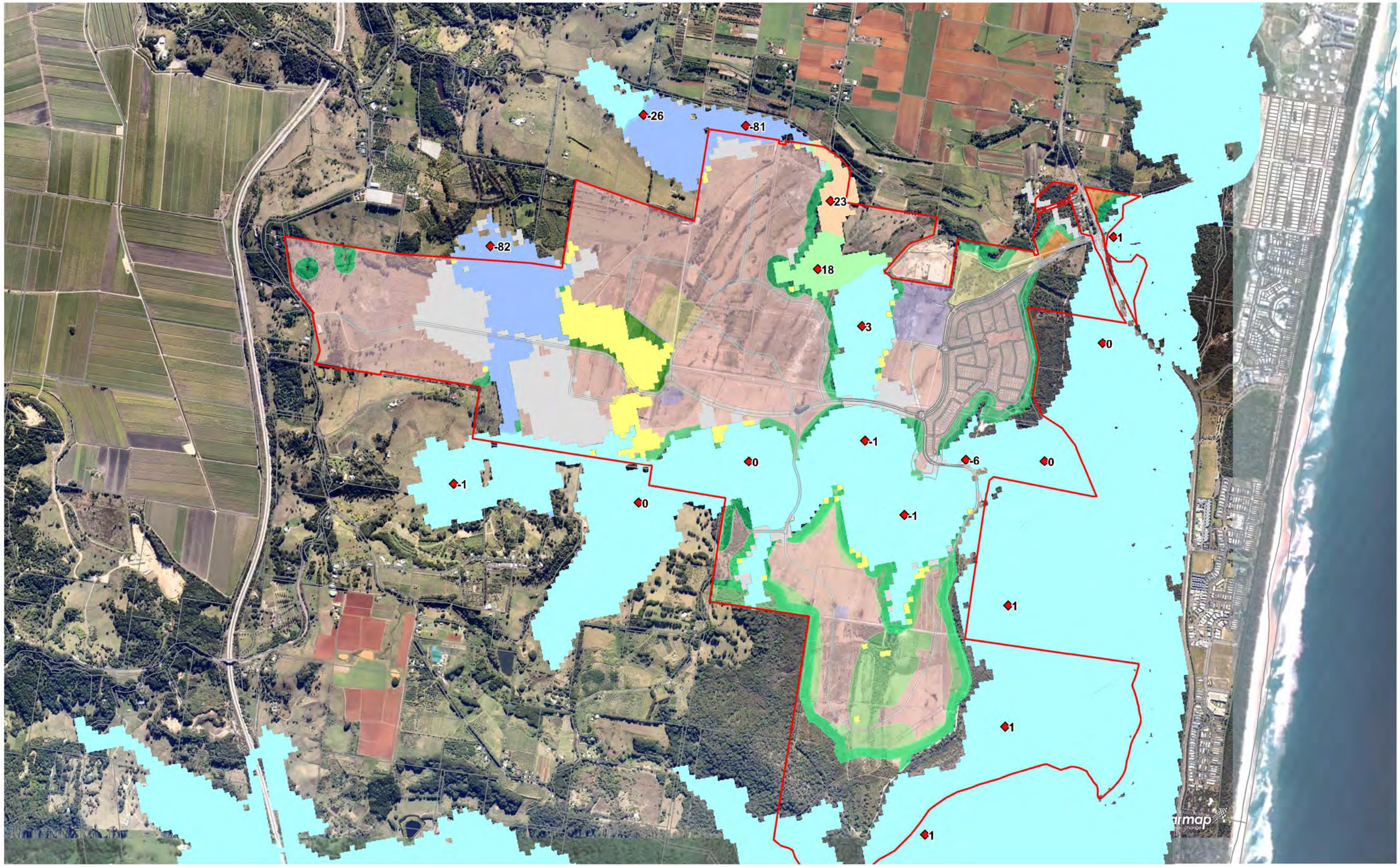


ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND
- Site boundary
- 0.2 Impact (mm) at reporting point

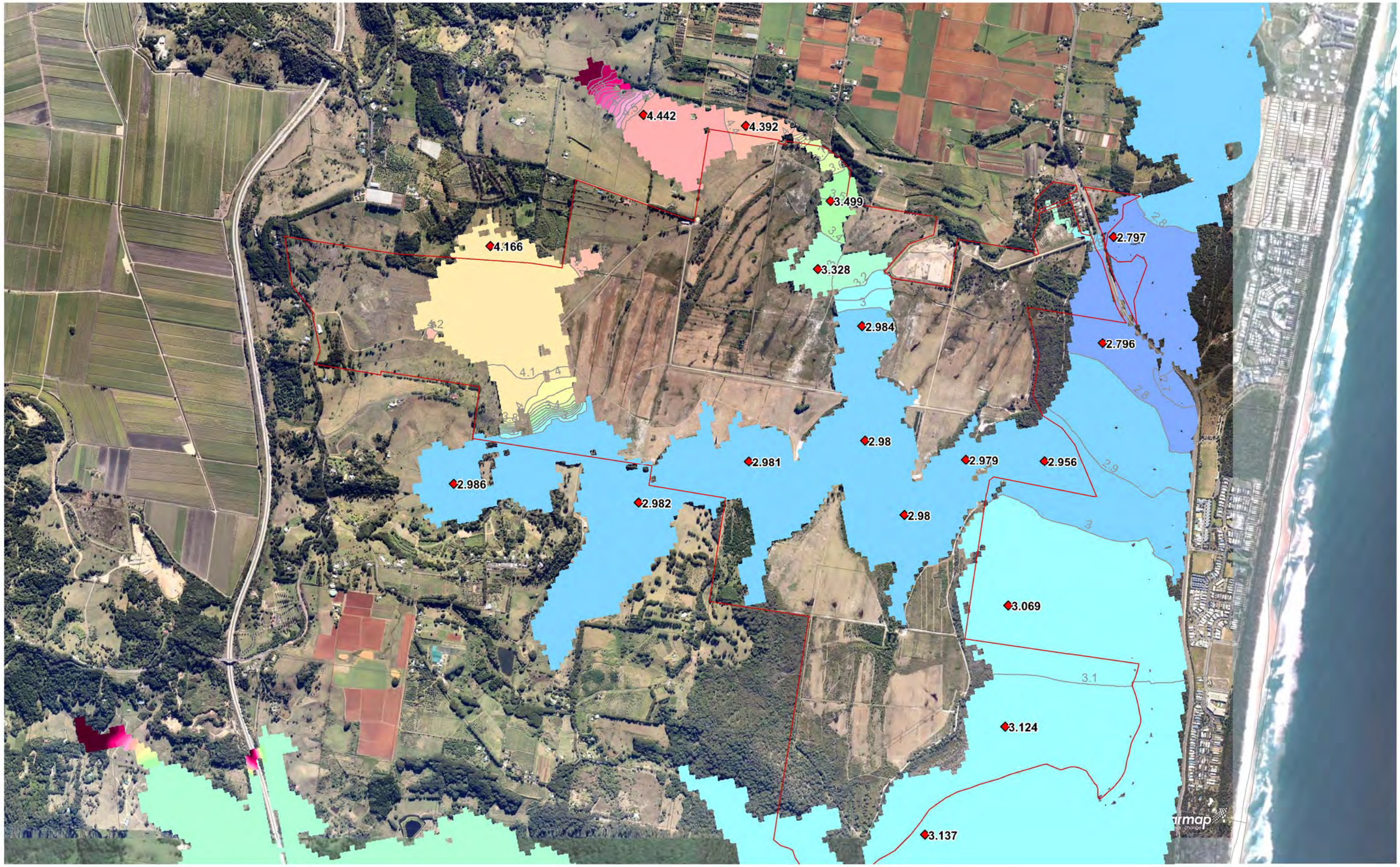
Afflux (mm)
- < -20
- -20 to -10
- -10 to 10
- 10 to 20
- 20 to 50
- 50 to 100
- > 100
- was dry now wet
- was wet now dry

SOURCES
Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

PROJECT	CLIENT	DRAWING
KINGS FOREST REGIONAL FLOOD MAPS	PROJECT 28 PTY LTD	500 YEAR ARI DEVELOPED CASE FLOOD IMPACTS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	28/08/12	AJF	NTZ	10927	MAP-42

Brisbane Sydney Melbourne and regions
GILBERT SUTHERLAND
Agriculture. Water. Environment.



ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND

- Site boundary
- 2.8 Peak flood level at reporting point (mAHD)
- 2.8 Peak flood level contours (mAHD)

Water surface level (mAHD)

< 2.0	3.0 to 3.2	4.2 to 4.4	5.4 to 5.6
2.0 to 2.2	3.2 to 3.4	4.4 to 4.6	5.6 to 5.8
2.2 to 2.4	3.4 to 3.6	4.6 to 4.8	5.8 to 6.0
2.4 to 2.6	3.6 to 3.8	4.8 to 5.0	> 6.0
2.6 to 2.8	3.8 to 4.0	5.0 to 5.2	
2.8 to 3.0	4.0 to 4.2	5.2 to 5.4	

SOURCES
Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

PROJECT
KINGS FOREST REGIONAL FLOOD MAPS

CLIENT
PROJECT 28 PTY LTD

DRAWING
CLIMATE CHANGE 100 YEAR ARI EXISTING CASE FLOOD LEVELS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	29/08/12	AJF	NTZ	10927	MAP-43

Brisbane Sydney Melbourne and regions
GILBERT SUTHERLAND
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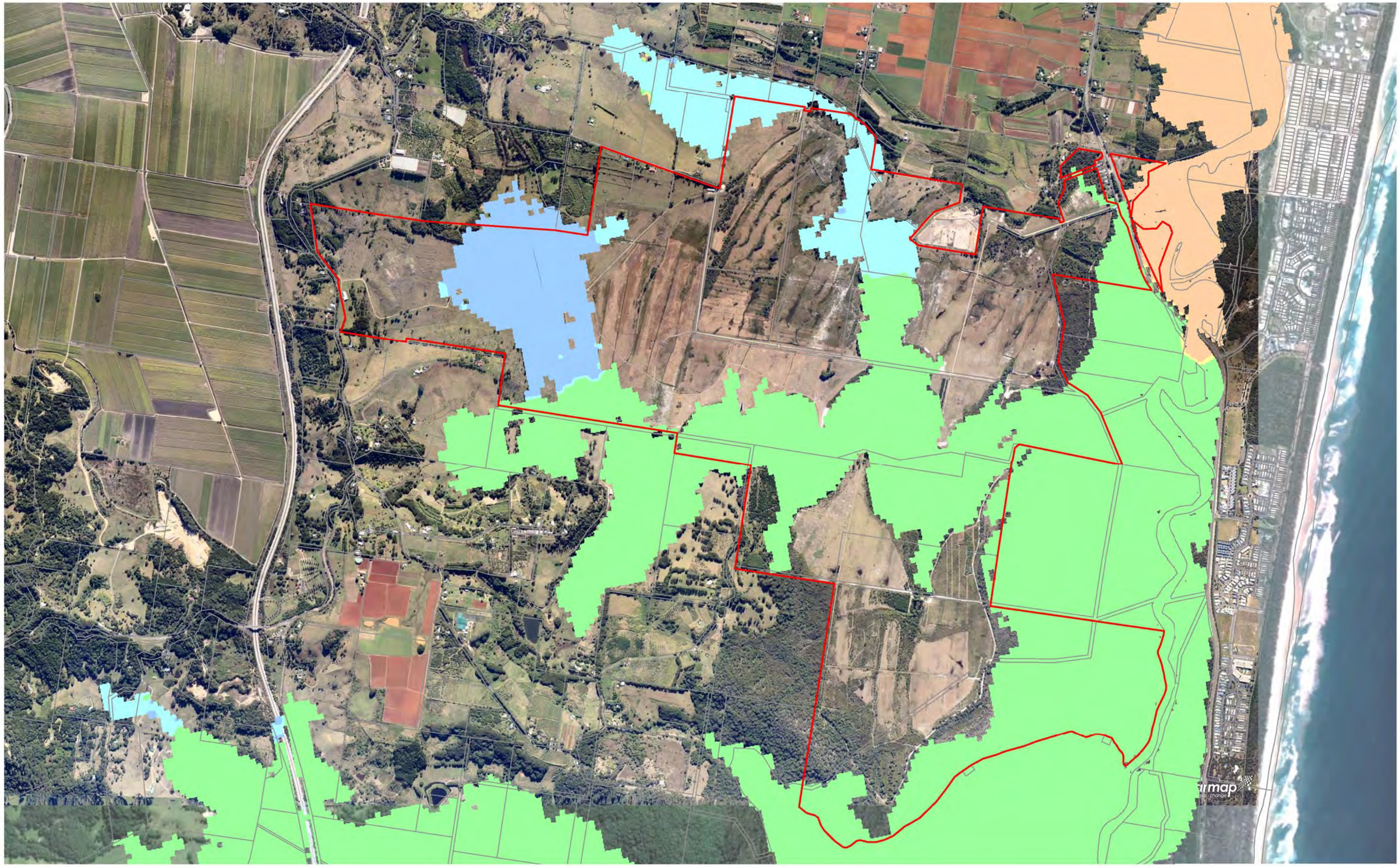

ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND

Site boundary

Critical storm event

- 100 year ARI climate change 6hr runoff event (20 year ARI storm surge with sea level rise)
- 100 year ARI climate change 24hr runoff event (20 year ARI storm surge with sea level rise)
- 100 year ARI climate change 36hr runoff event (20 year ARI storm surge with sea level rise)
- 100 year ARI storm surge with sea level rise (10 year ARI climate change 6hr runoff event)
- 100 year ARI storm surge with sea level rise (10 year ARI climate change 24hr runoff event)
- 100 year ARI storm surge with sea level rise (10 year ARI climate change 36hr runoff event)

SOURCES

Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

PROJECT
KINGS FOREST REGIONAL FLOOD MAPS

CLIENT
PROJECT 28 PTY LTD

DRAWING
CLIMATE CHANGE
100 YEAR ARI
EXISTING CASE
CRITICAL STORM
ANALYSIS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	27/08/12	AJF	NTZ	10927	MAP-44

Brisbane Sydney Melbourne and regions
GILBERT SUTHERLAND
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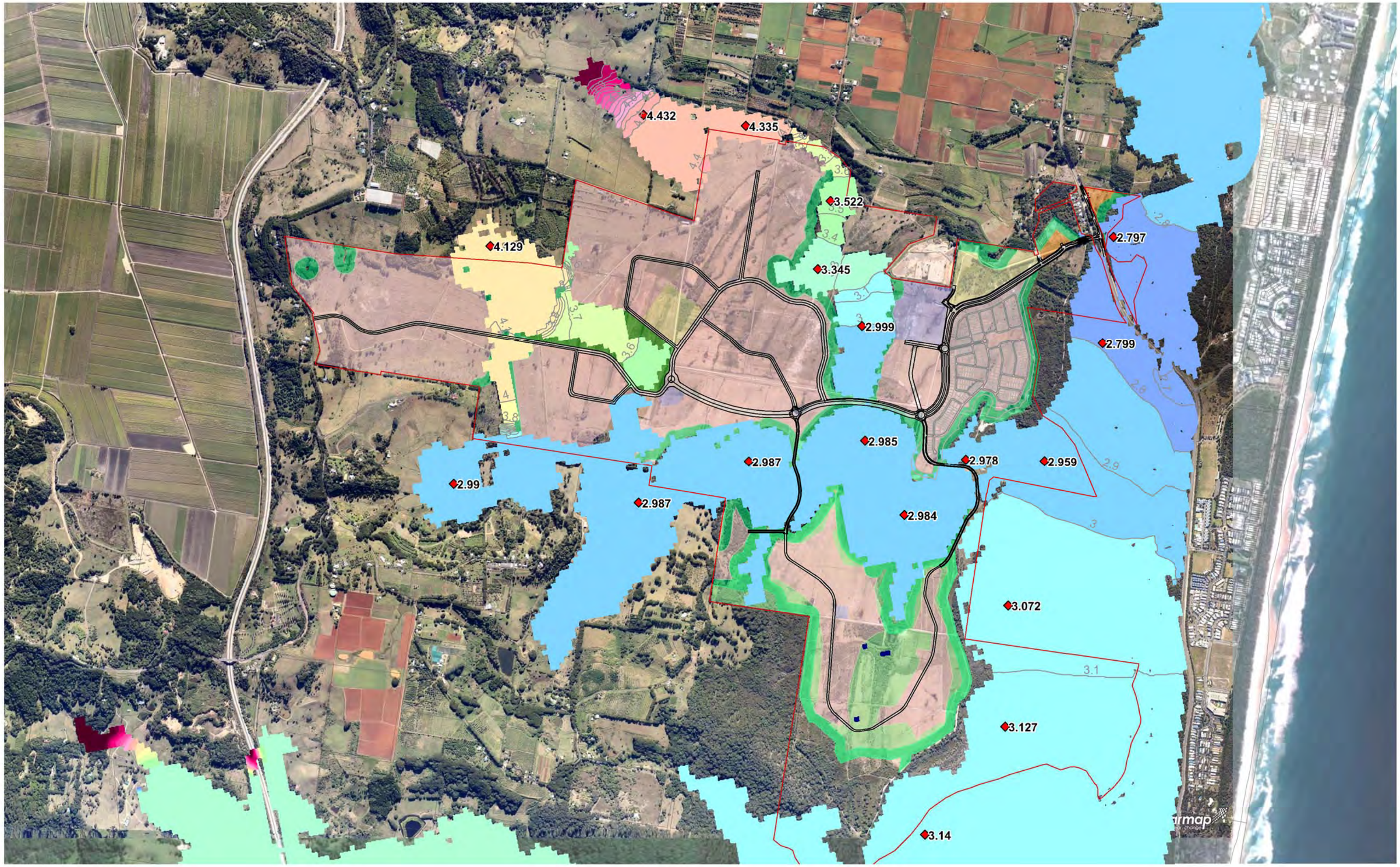

ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND

- Site boundary
- 2.8 Peak flood level at reporting point (mAHD)
- 2.8 Peak flood level contours (mAHD)

Water surface level (mAHD)

< 2.0	2.0 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8
2.8 to 3.0	3.0 to 3.2	3.2 to 3.4	3.4 to 3.6	3.6 to 3.8
3.8 to 4.0	4.0 to 4.2	4.2 to 4.4	4.4 to 4.6	4.6 to 4.8
4.8 to 5.0	5.0 to 5.2	5.2 to 5.4	5.4 to 5.6	5.6 to 5.8
5.8 to 6.0	> 6.0			

SOURCES
Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

PROJECT
KINGS FOREST
REGIONAL
FLOOD MAPS

CLIENT
PROJECT 28
PTY LTD

DRAWING
CLIMATE CHANGE
100 YEAR ARI
DEVELOPED CASE
FLOOD LEVELS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	30/08/12	AJF	NTZ	10927	MAP-45

Brisbane Sydney Melbourne and regions
GILBERT SUTHERLAND
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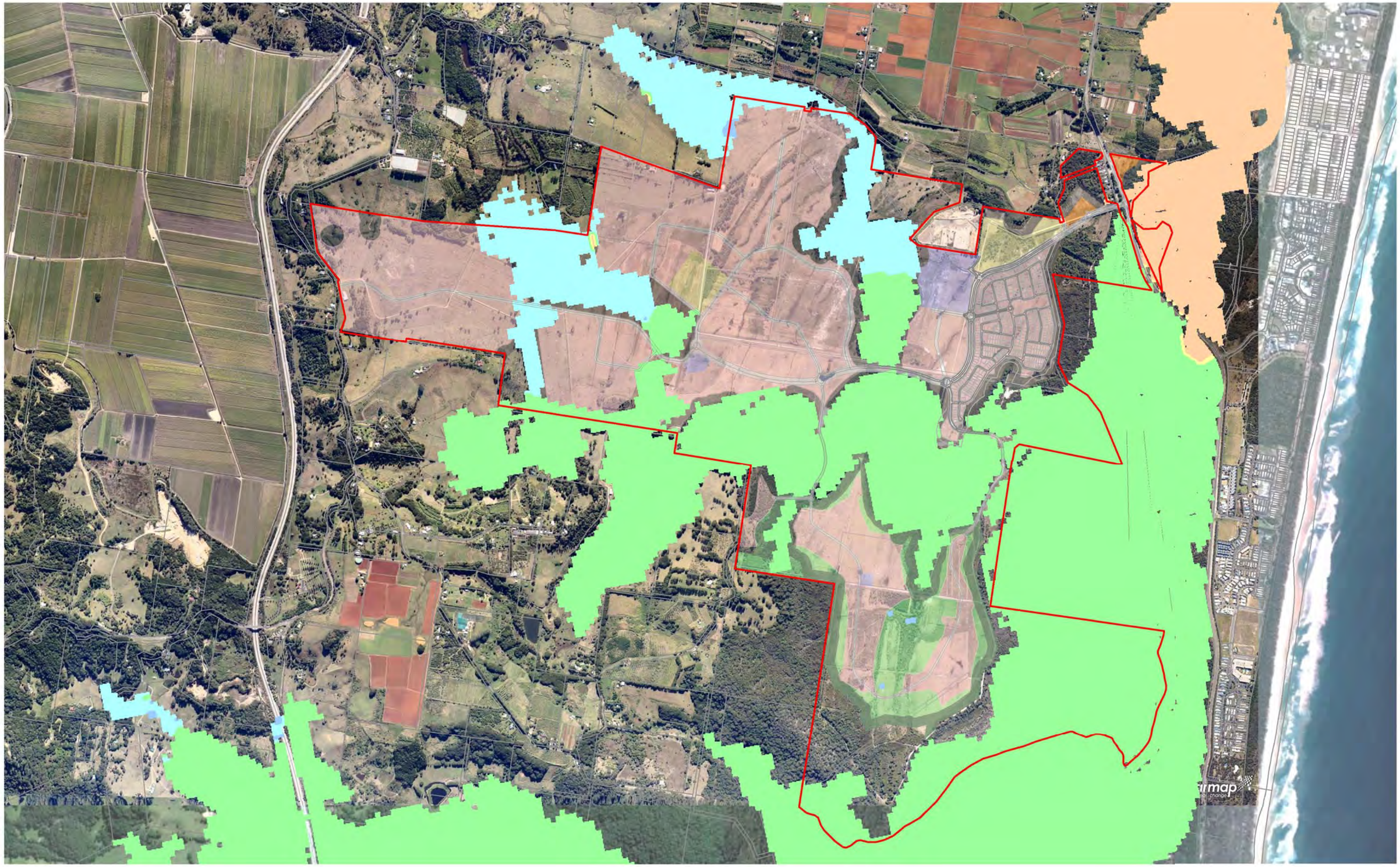

ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND

Site boundary

Critical storm event

- 100 year ARI climate change 6hr runoff event (20 year ARI storm surge with sea level rise)
- 100 year ARI climate change 24hr runoff event (20 year ARI storm surge with sea level rise)
- 100 year ARI climate change 36hr runoff event (20 year ARI storm surge with sea level rise)
- 100 year ARI storm surge with sea level rise (10 year ARI climate change 6hr runoff event)
- 100 year ARI storm surge with sea level rise (10 year ARI climate change 24hr runoff event)
- 100 year ARI storm surge with sea level rise (10 year ARI climate change 36hr runoff event)

SOURCES

Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

PROJECT
KINGS FOREST
REGIONAL
FLOOD MAPS

CLIENT
PROJECT 28
PTY LTD

DRAWING
CLIMATE CHANGE
100 YEAR ARI
DEVELOPED CASE
CRITICAL STORM
ANALYSIS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	28/08/12	AJF	NTZ	10927	MAP-46

Brisbane Sydney Melbourne and regions
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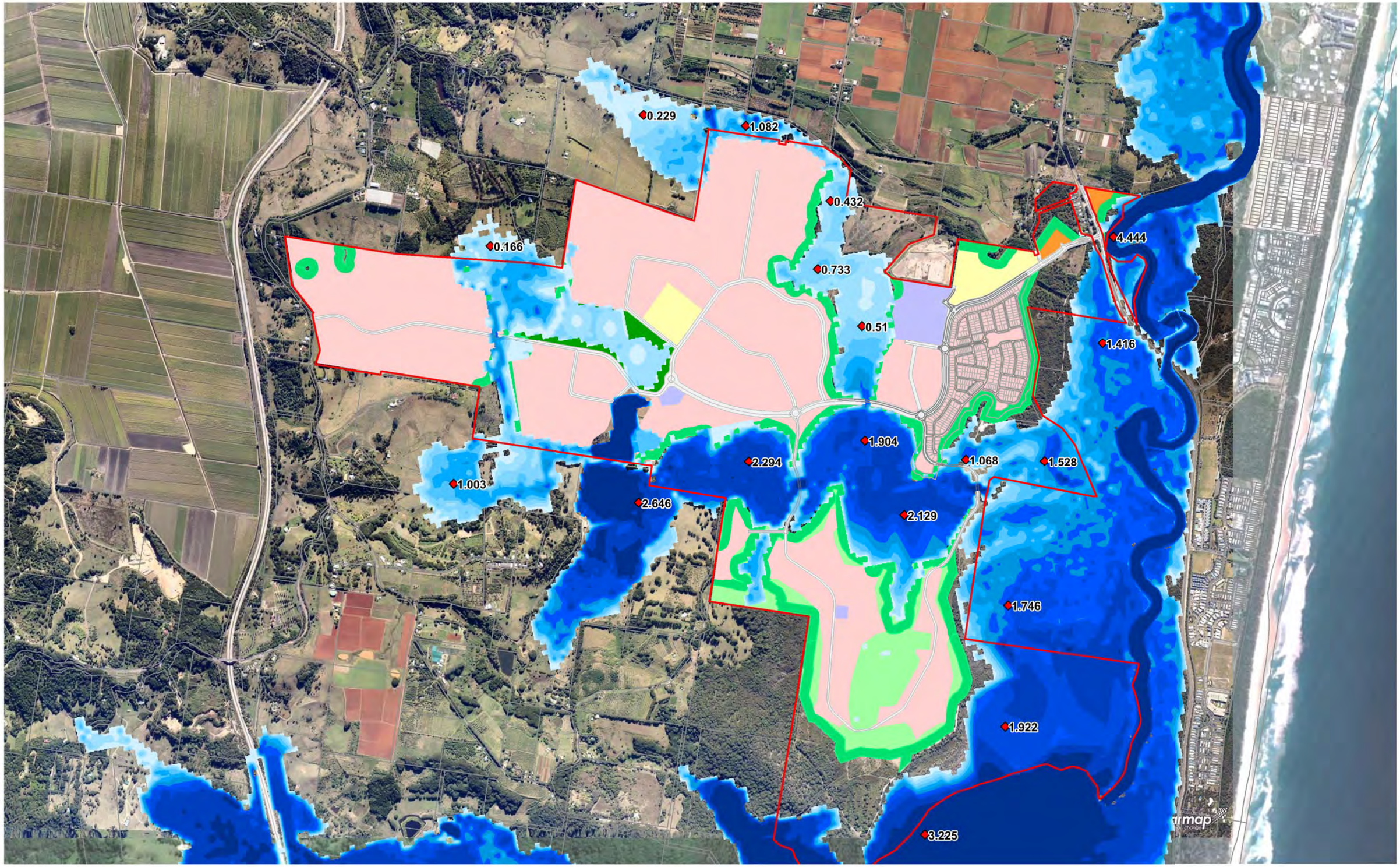

ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND
- Site boundary
- 0.2 Depth at reporting point

Depth (m)

0 to 0.25	1.50 to 1.75
0.25 to 0.50	1.75 to 2.00
0.50 to 0.75	2.00 to 2.50
0.75 to 1.00	2.50 to 5.00
1.00 to 1.25	5.00 to 10.0
1.25 to 1.50	> 10.0

SOURCES
Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

PROJECT
KINGS FOREST
REGIONAL
FLOOD MAPS

CLIENT
PROJECT 28
PTY LTD

DRAWING
CLIMATE CHANGE
100 YEAR ARI
DEVELOPED CASE
FLOOD DEPTHS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	28/08/12	AJF	NTZ	10927	MAP-47

Brisbane Sydney Melbourne and regions
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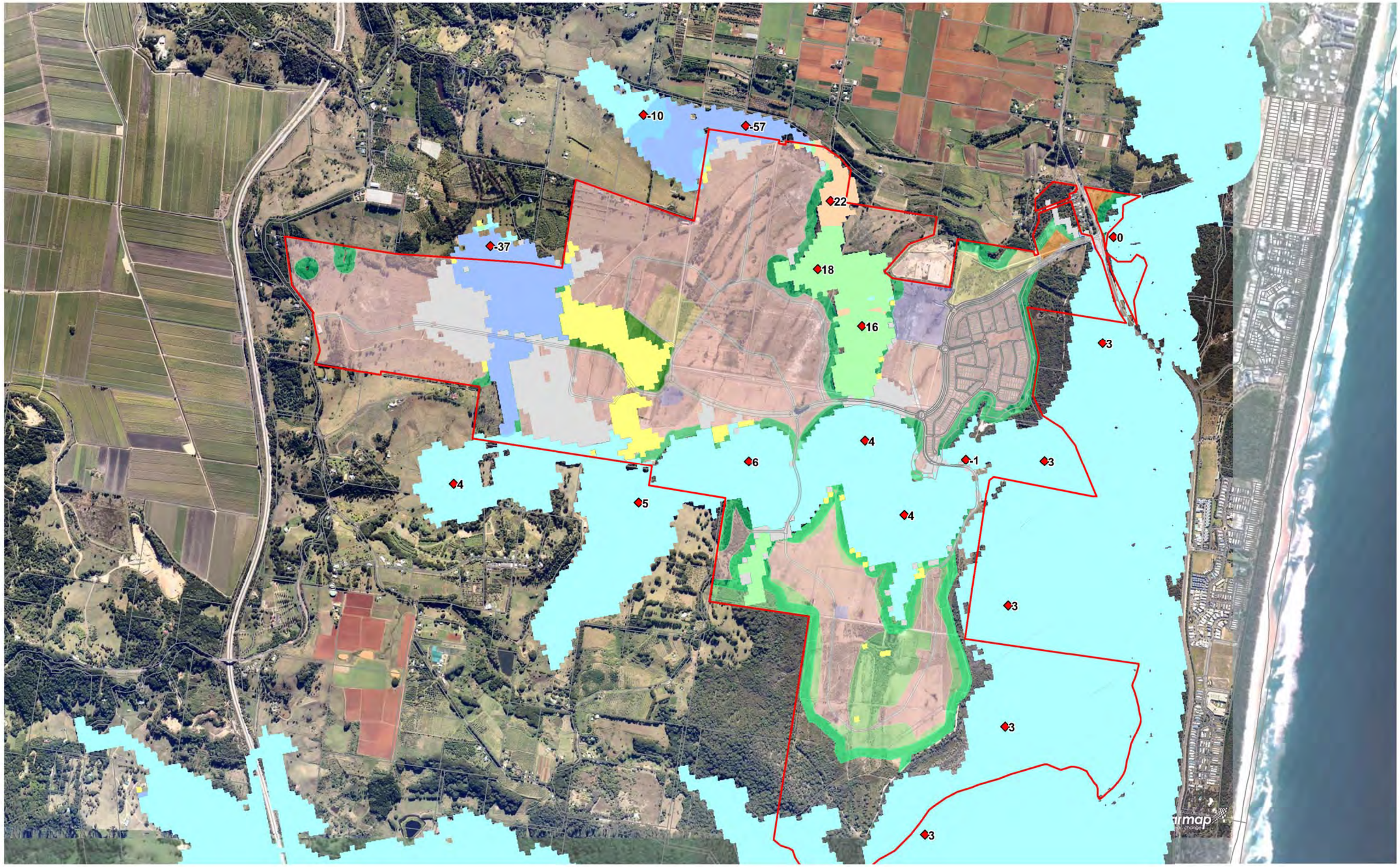

ORIENTATION
NORTH

SCALE
200 400 600 800 1000
metres

ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email robina@access.gs **www.access.gs**

LEGEND
- Site boundary
- 0.2 Impact (mm) at reporting point

Afflux (mm)
- < -20
- -20 to -10
- -10 to 10
- 10 to 20
- 20 to 50
- 50 to 100
- > 100
- was dry now wet
- was wet now dry

SOURCES
Image sources:
Nearmap (Image date: 14 June 2012)
Google Earth (Image date: 13 May 2010)

PROJECT
KINGS FOREST REGIONAL FLOOD MAPS

CLIENT
PROJECT 28 PTY LTD

DRAWING
CLIMATE CHANGE 100 YEAR ARI DEVELOPED CASE FLOOD IMPACTS

SCALE	DATE	DRAWN	CHECKED	PROJECT NO	DRAWING NO
1:20 000@A3	28/08/12	AJF	NTZ	10927	MAP-48

Brisbane Sydney Melbourne and regions
GILBERT SUTHERLAND
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