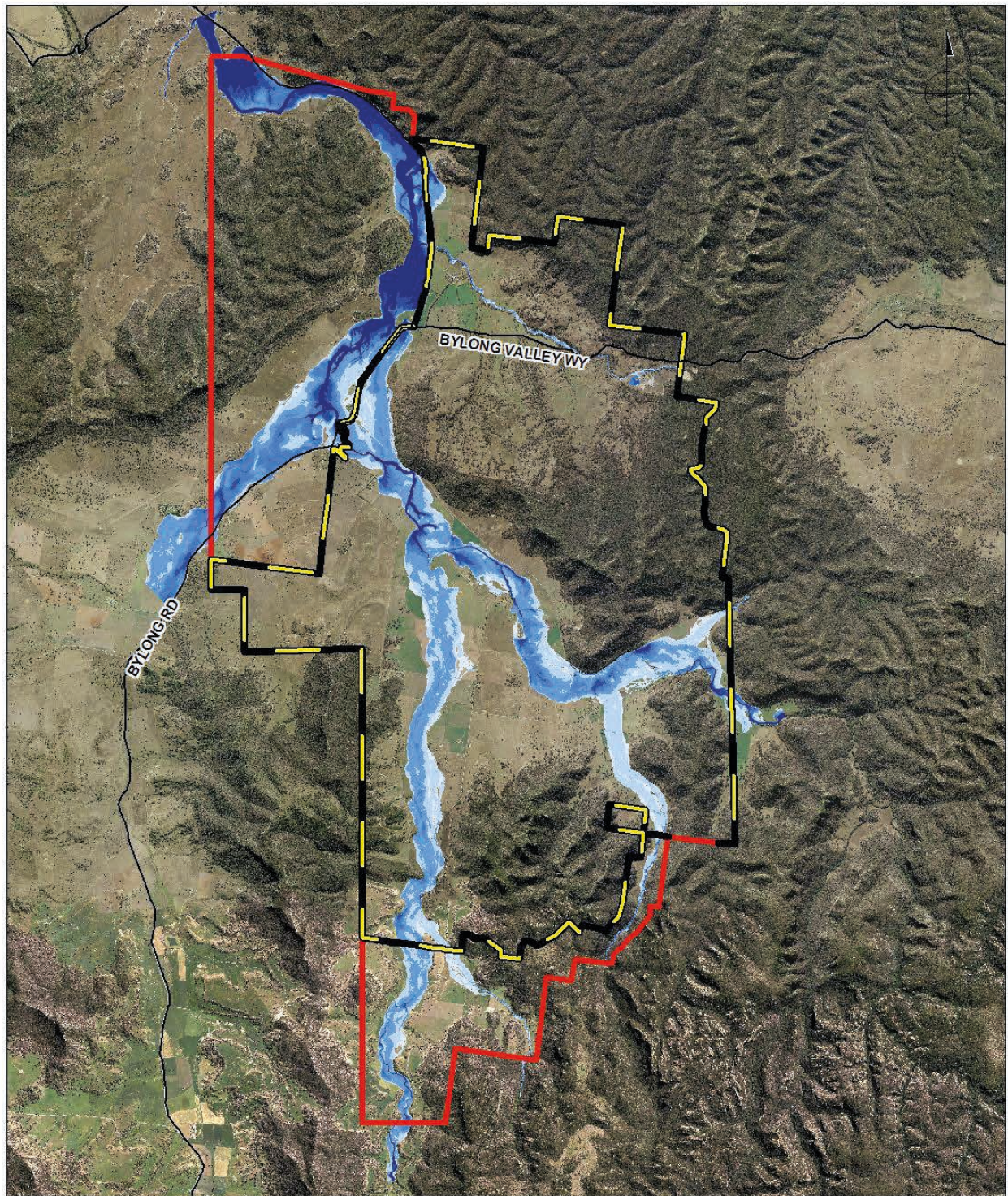


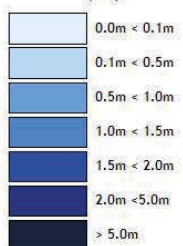
Attachment 1 - Bylong River Flood Modelling Results, Existing Conditions

Attachment 1 includes the following figures:

1. 100 year ARI design event flood depth, existing conditions
2. 100 year ARI design event flood velocity, existing conditions
3. 50 year ARI design event flood depth, existing conditions
4. 50 year ARI design event flood velocity, existing conditions
5. 2 year ARI design event flood depth, existing conditions
6. 2 year ARI design event flood velocity, existing conditions



**FLOOD DEPTH
(m)**



LEGEND

- Project Study Area
- Project Boundary
- Roads

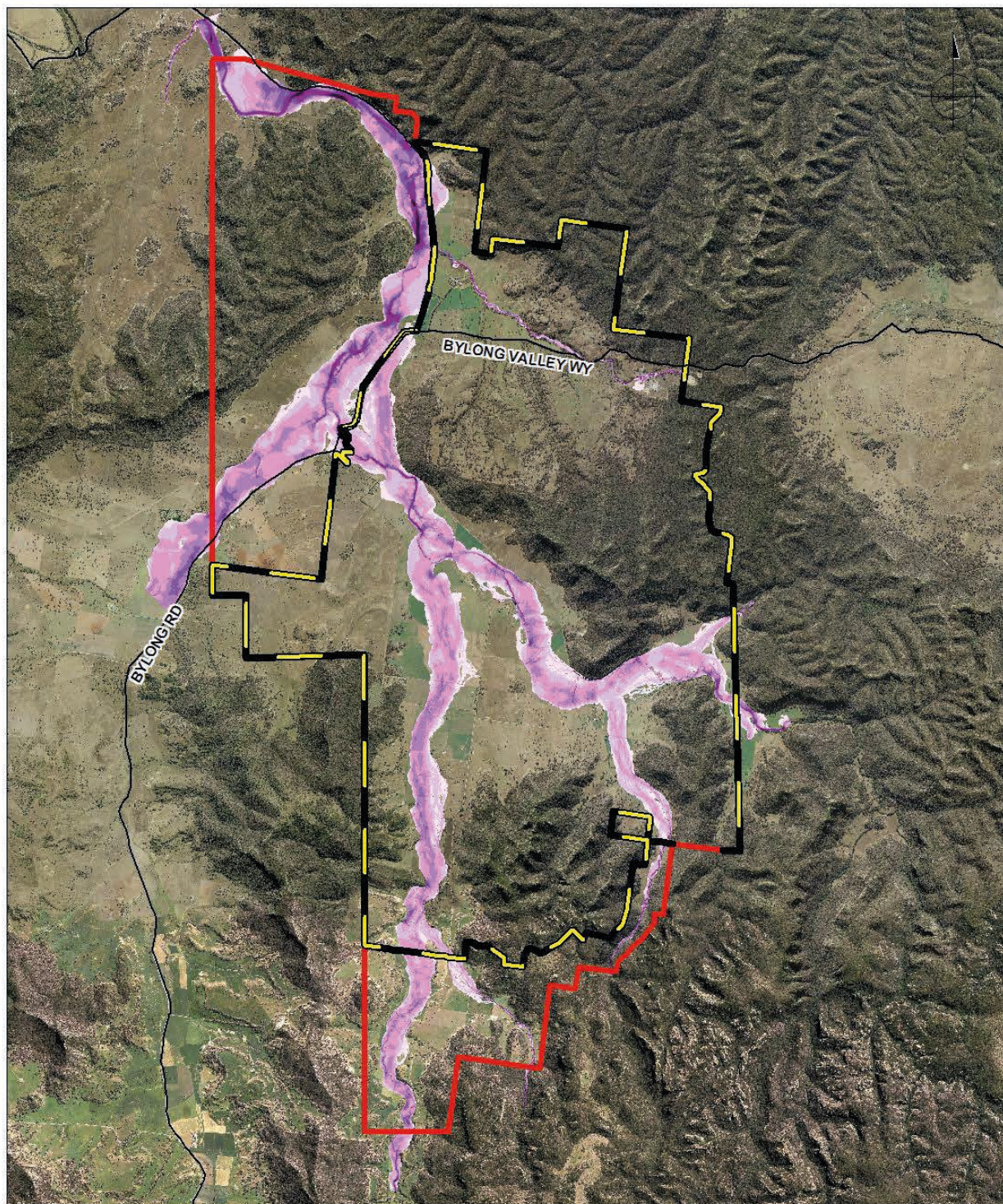


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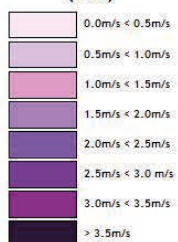
100 Year ARI
Peak Flood Depth
Existing Conditions



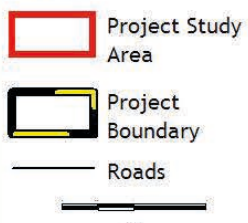
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VELOCITY (m/s)



LEGEND

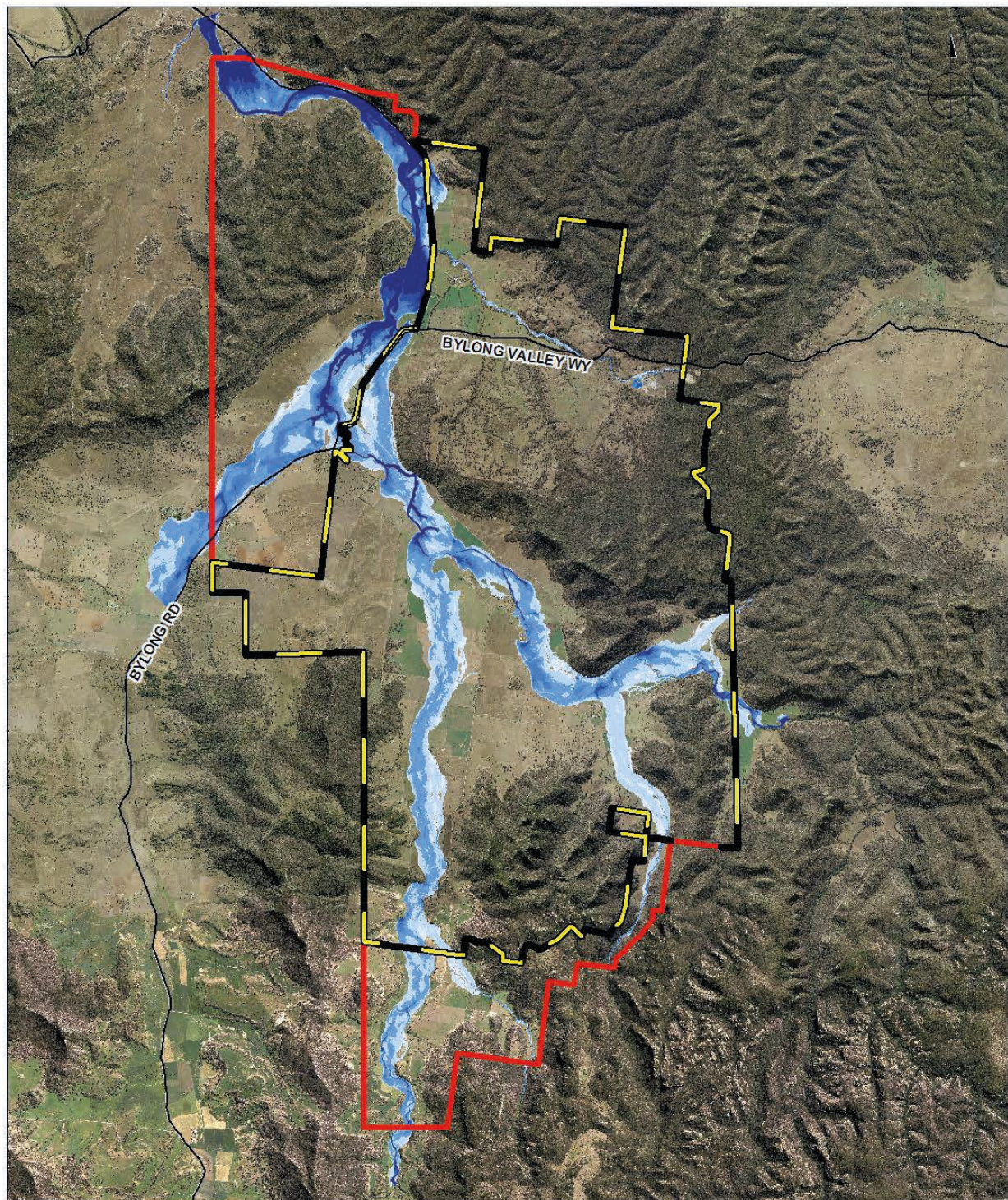


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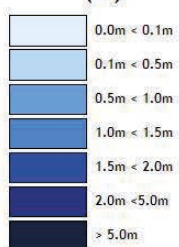
100 Year ARI
Peak Flood Velocity
Existing Conditions



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**FLOOD DEPTH
(m)**



LEGEND

- Project Study Area
- Project Boundary
- Roads

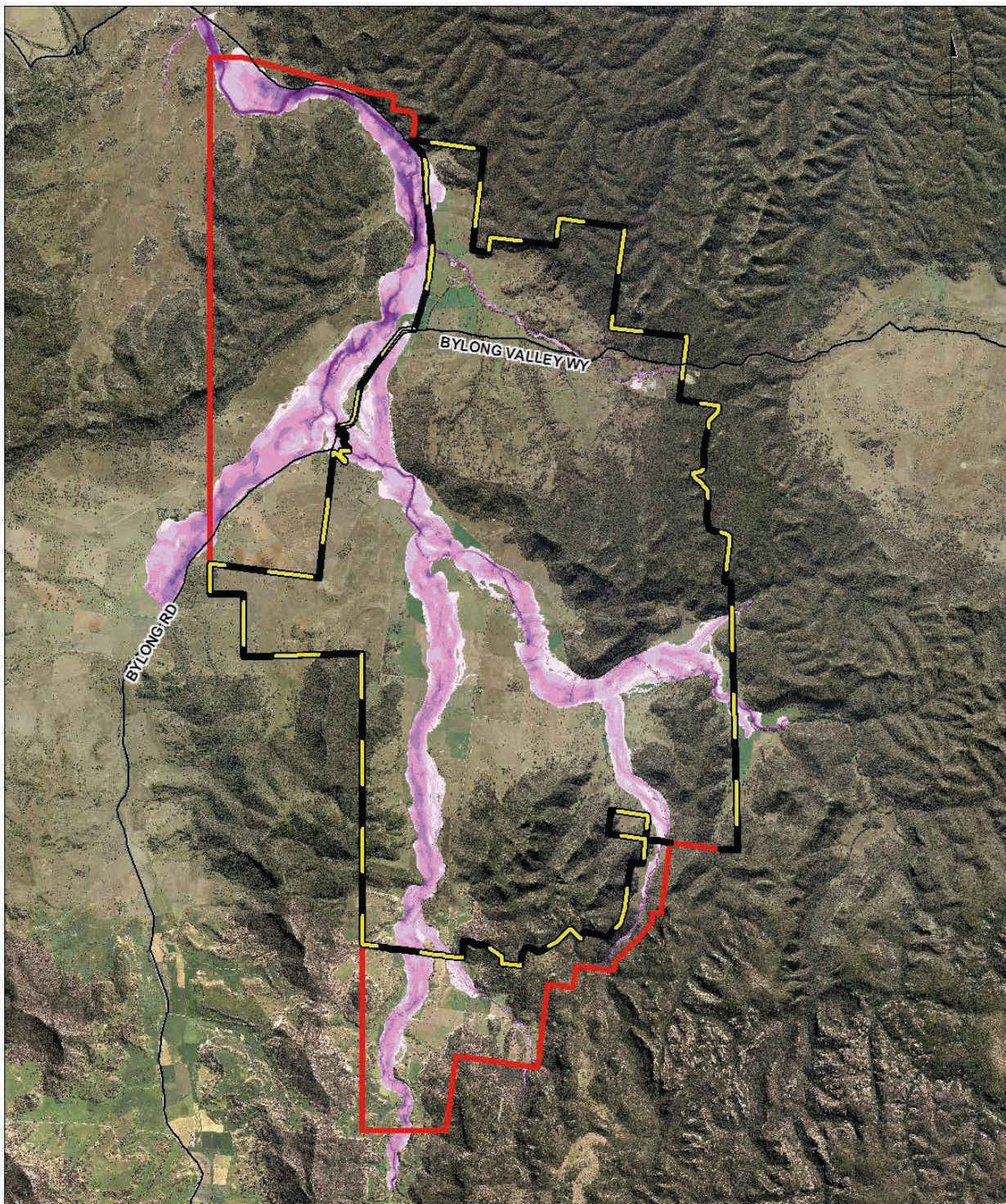


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PROJECT**

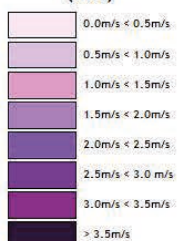
50 Year ARI
Peak Flood Depth
Existing Conditions



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VELOCITY (m/s)



LEGEND

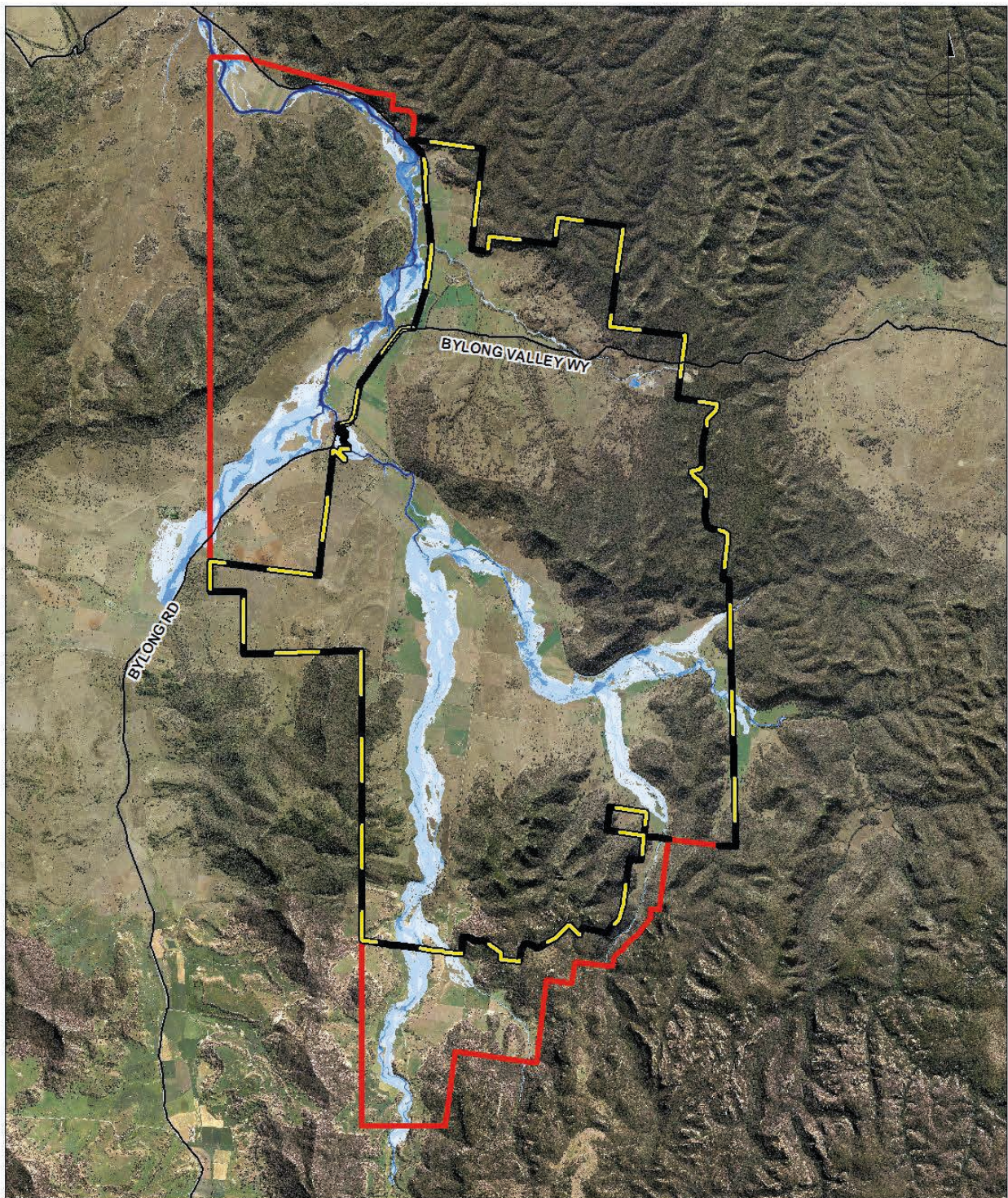
- Project Study Area
- Project Boundary
- Roads



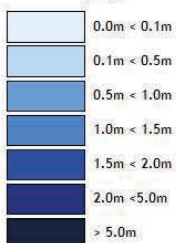
BYLONG COAL PROJECT

50 Year ARI
Peak Flood Velocity
Existing Conditions

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**FLOOD DEPTH
(m)**



LEGEND

- Project Study Area
- Project Boundary
- Roads

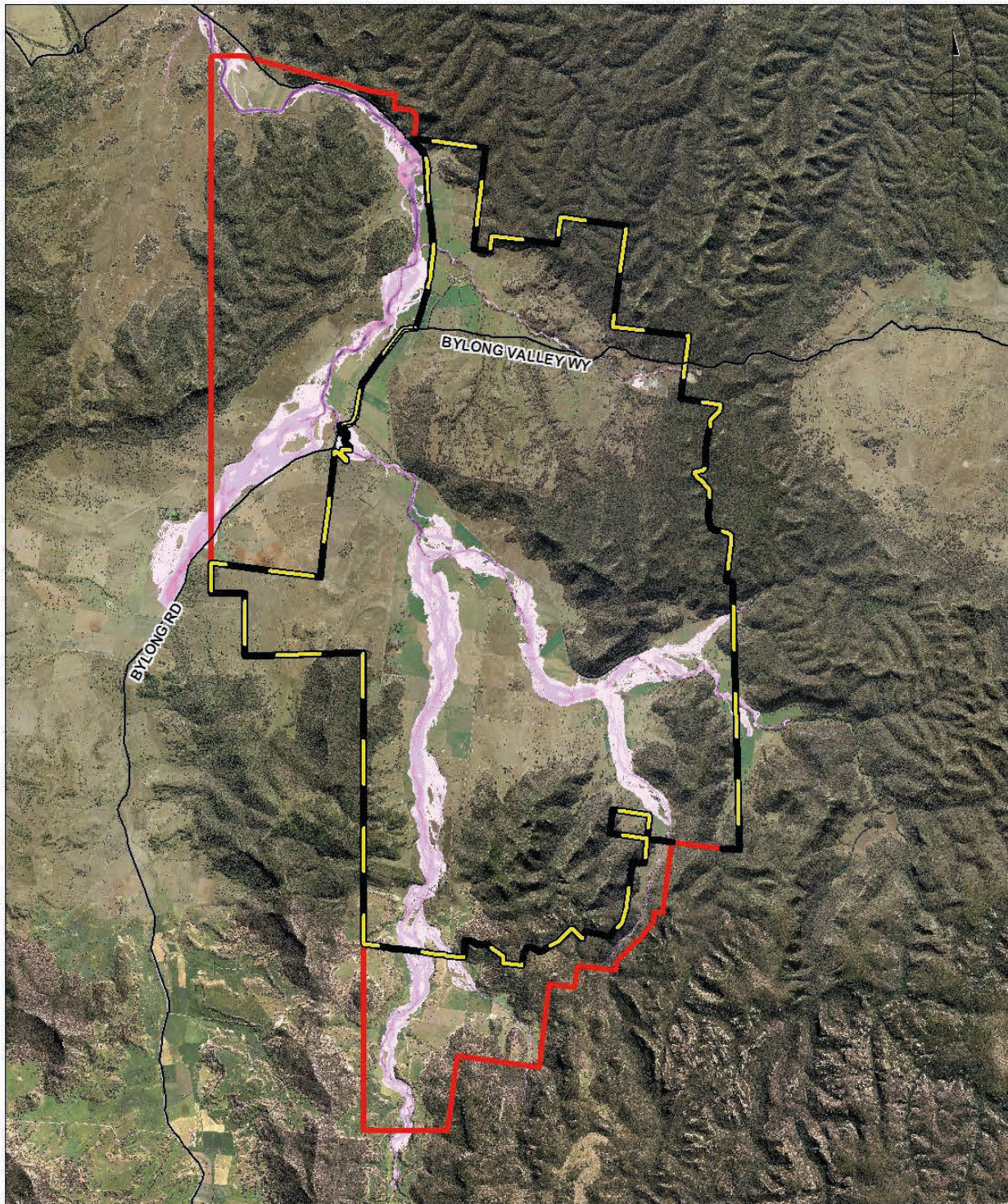


**BYLONG COAL
PROJECT**

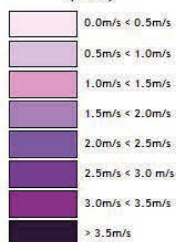
2 Year ARI
Peak Flood Depth
Existing Conditions



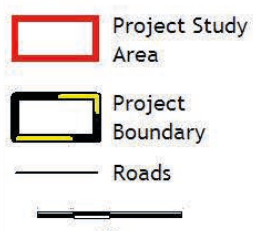
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VELOCITY (m/s)



LEGEND



BYLONG COAL PROJECT

2 Year ARI
Peak Flood Velocity
Existing Conditions

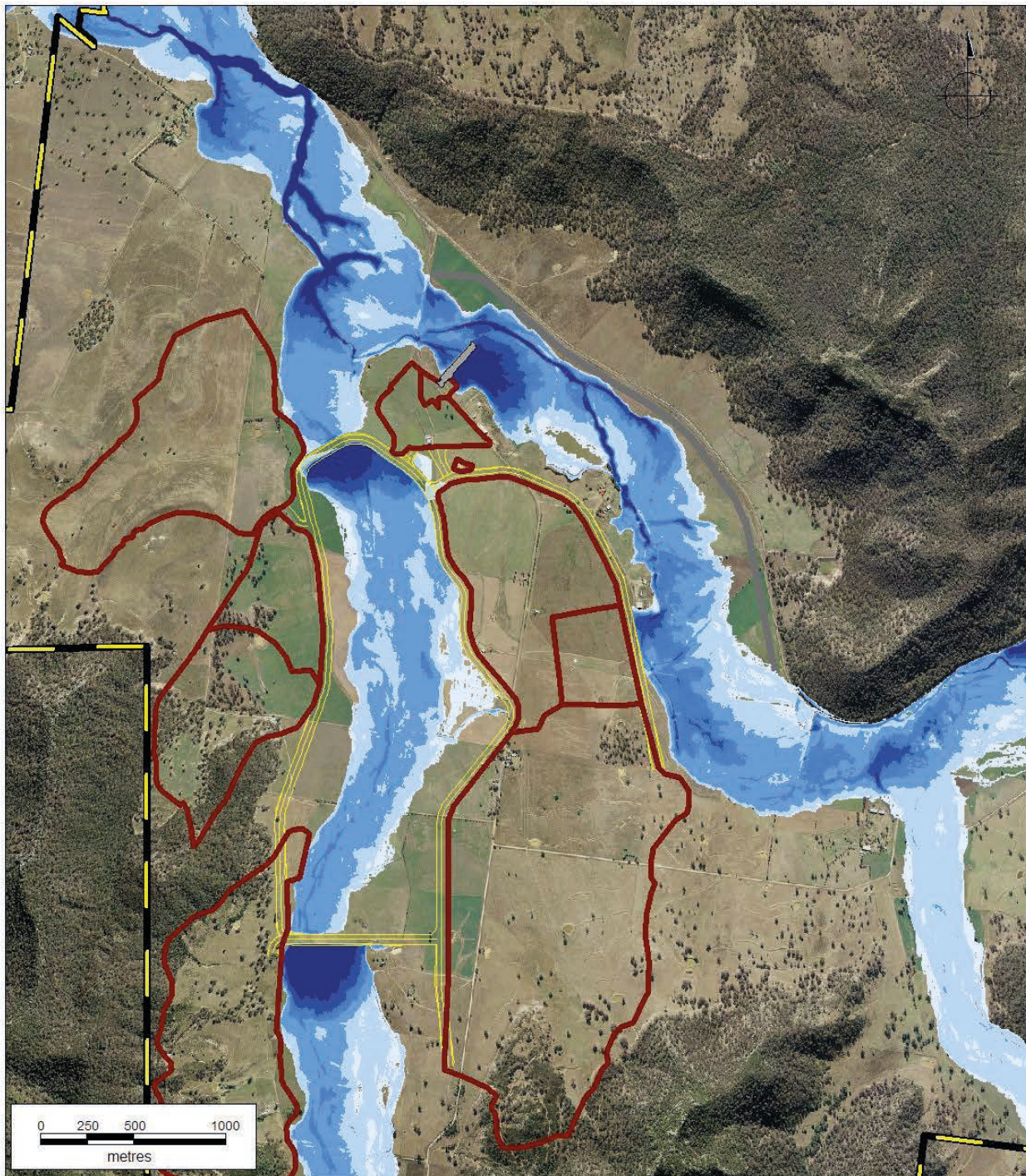


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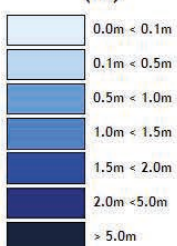
Attachment 2 - Bylong River Flood Modelling Results, Developed Conditions

Attachment 2 includes the following figures:

1. 100 year ARI design event flood depth, developed conditions
2. 100 year ARI design event flood velocity, developed conditions
3. 50 year ARI design event flood depth, developed conditions
4. 50 year ARI design event flood velocity, developed conditions
5. 2 year ARI design event flood depth, developed conditions
6. 2 year ARI design event flood velocity, developed conditions
7. 100 year ARI design event, change in water level
8. 50 year ARI design event, change in water level
9. 2 year ARI design event, change in water level
10. 100 year ARI design event, change in velocity
11. 50 year ARI design event, change in velocity
12. 2 year ARI design event, change in velocity



FLOOD DEPTH (m)



LEGEND

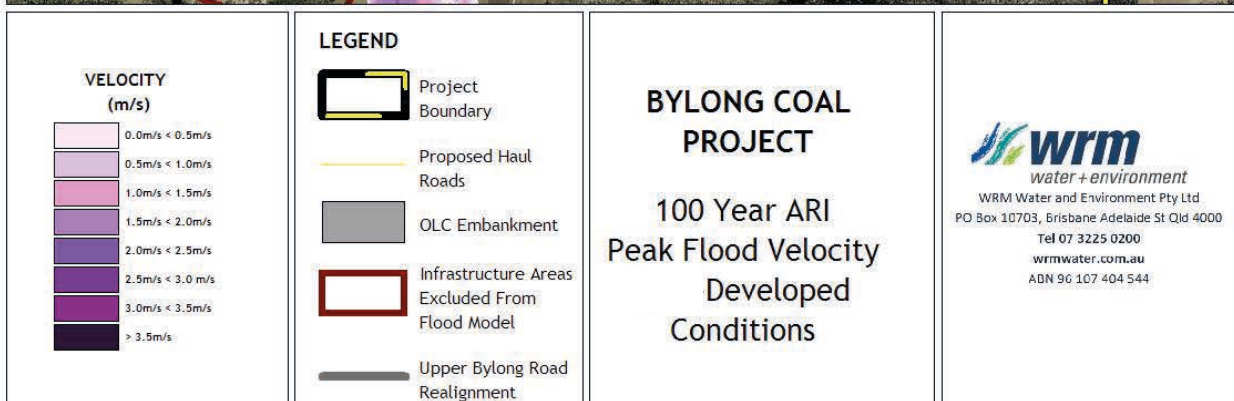
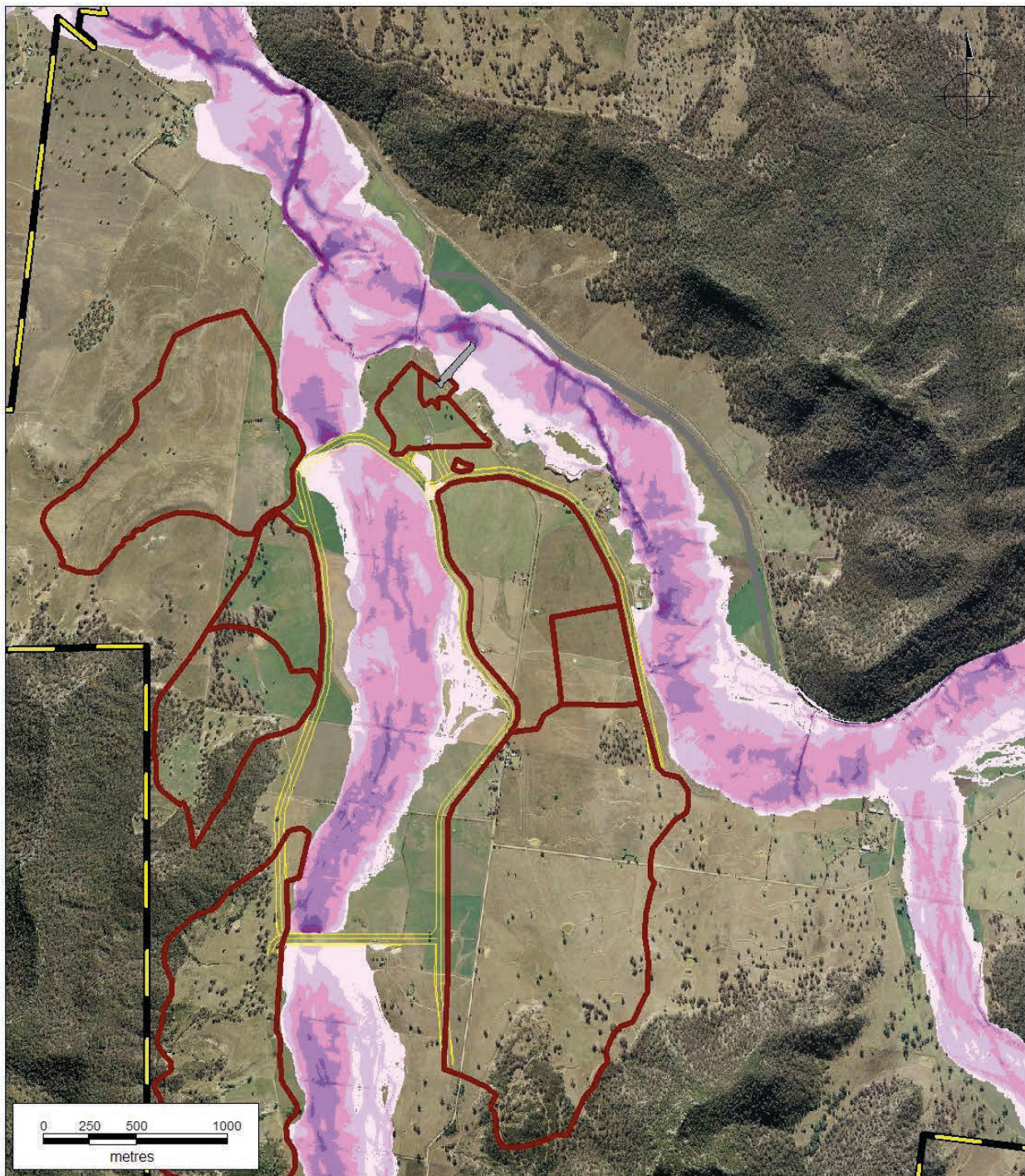
- Project Boundary
- Proposed Haul Roads
- OLC Embankment
- Infrastructure Areas Excluded From Flood Model
- Upper Bylong Road Realignment

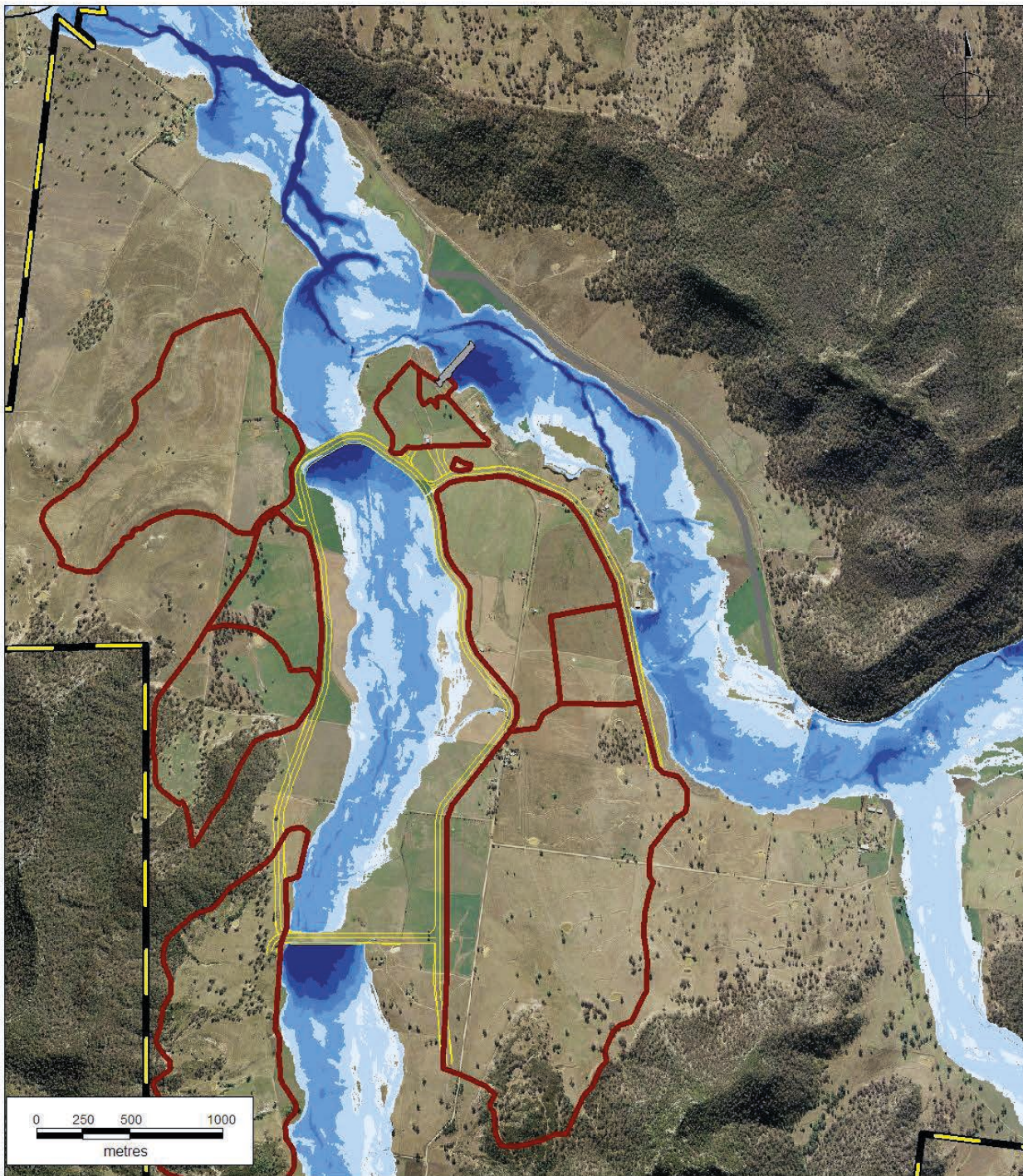
BYLONG COAL PROJECT

100 Year ARI
Peak Flood Depth
Developed
Conditions

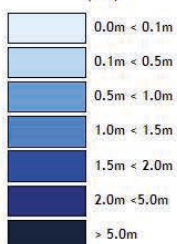


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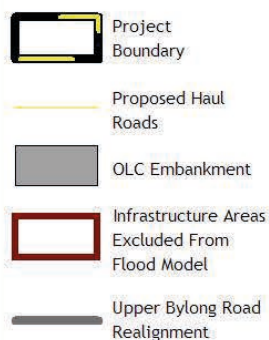




FLOOD DEPTH (m)

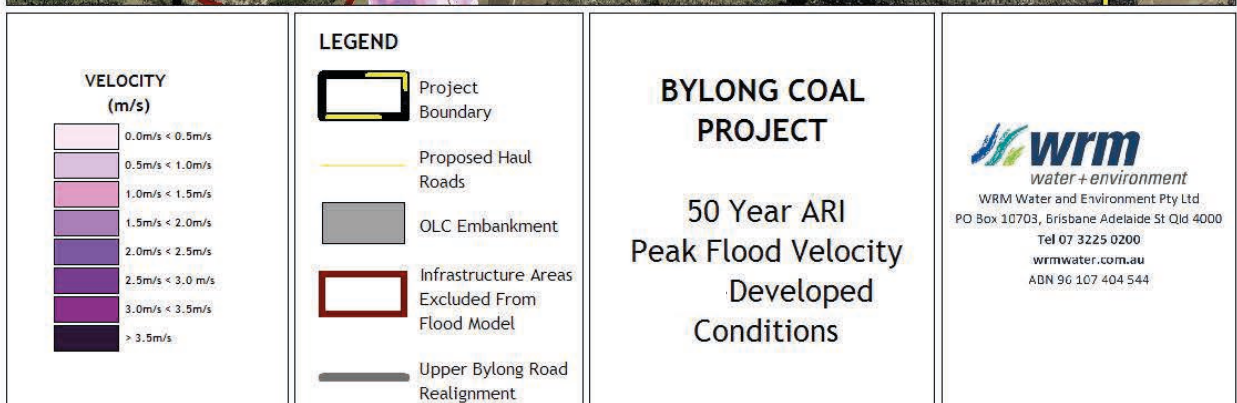
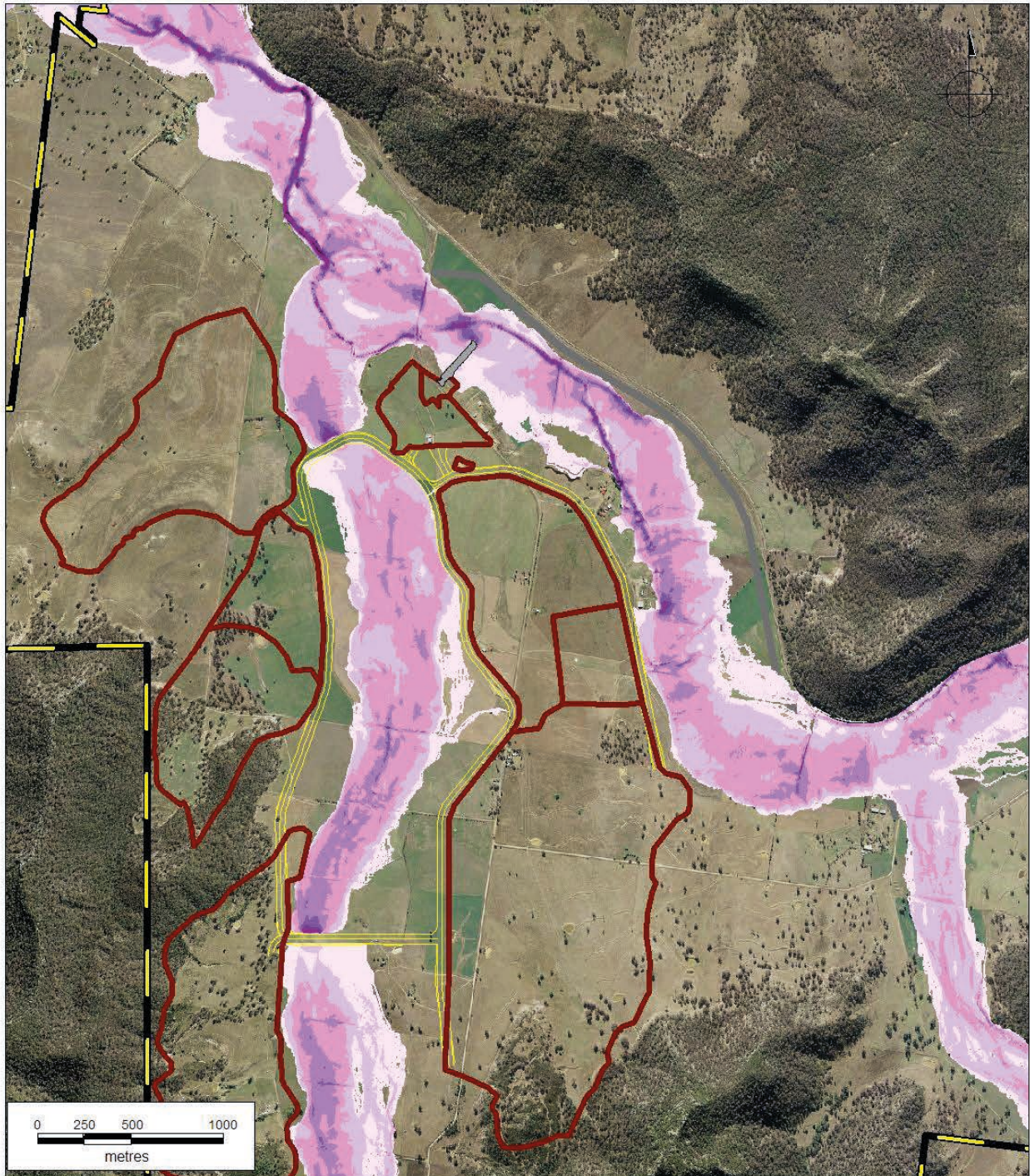


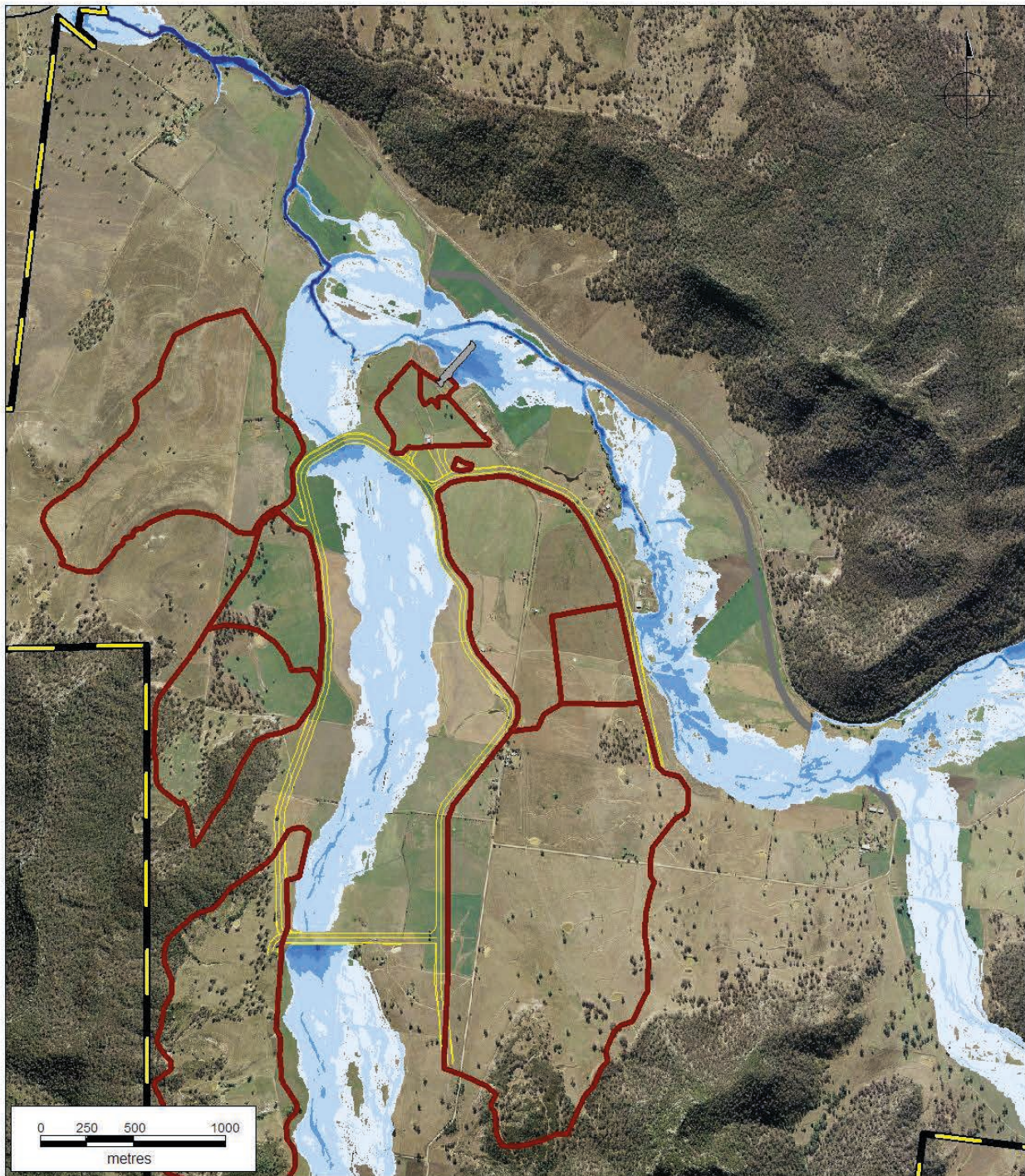
LEGEND



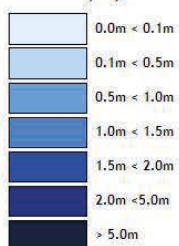
**BYLONG COAL
PROJECT**
50 Year ARI
Peak Flood Depth
Developed
Conditions

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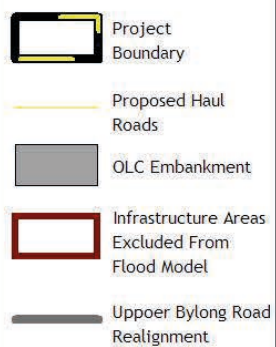




FLOOD DEPTH (m)



LEGEND

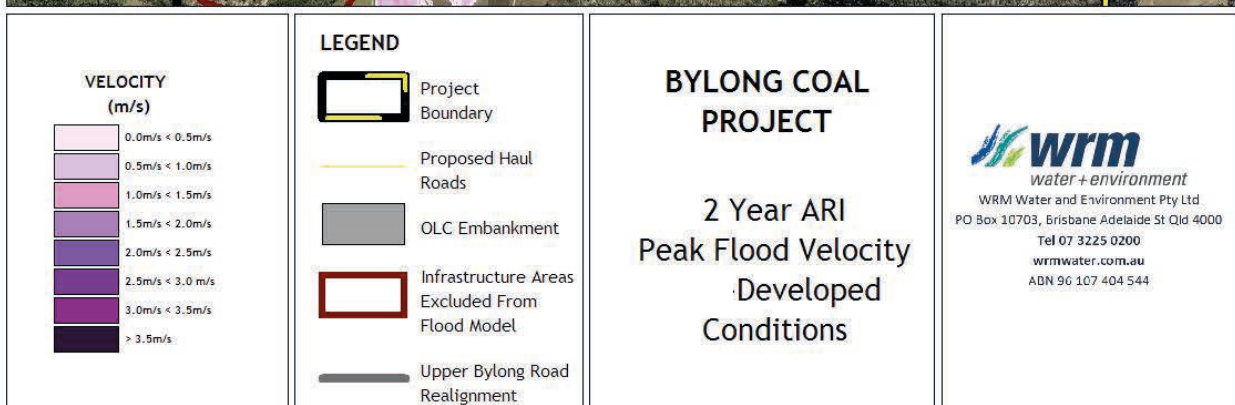
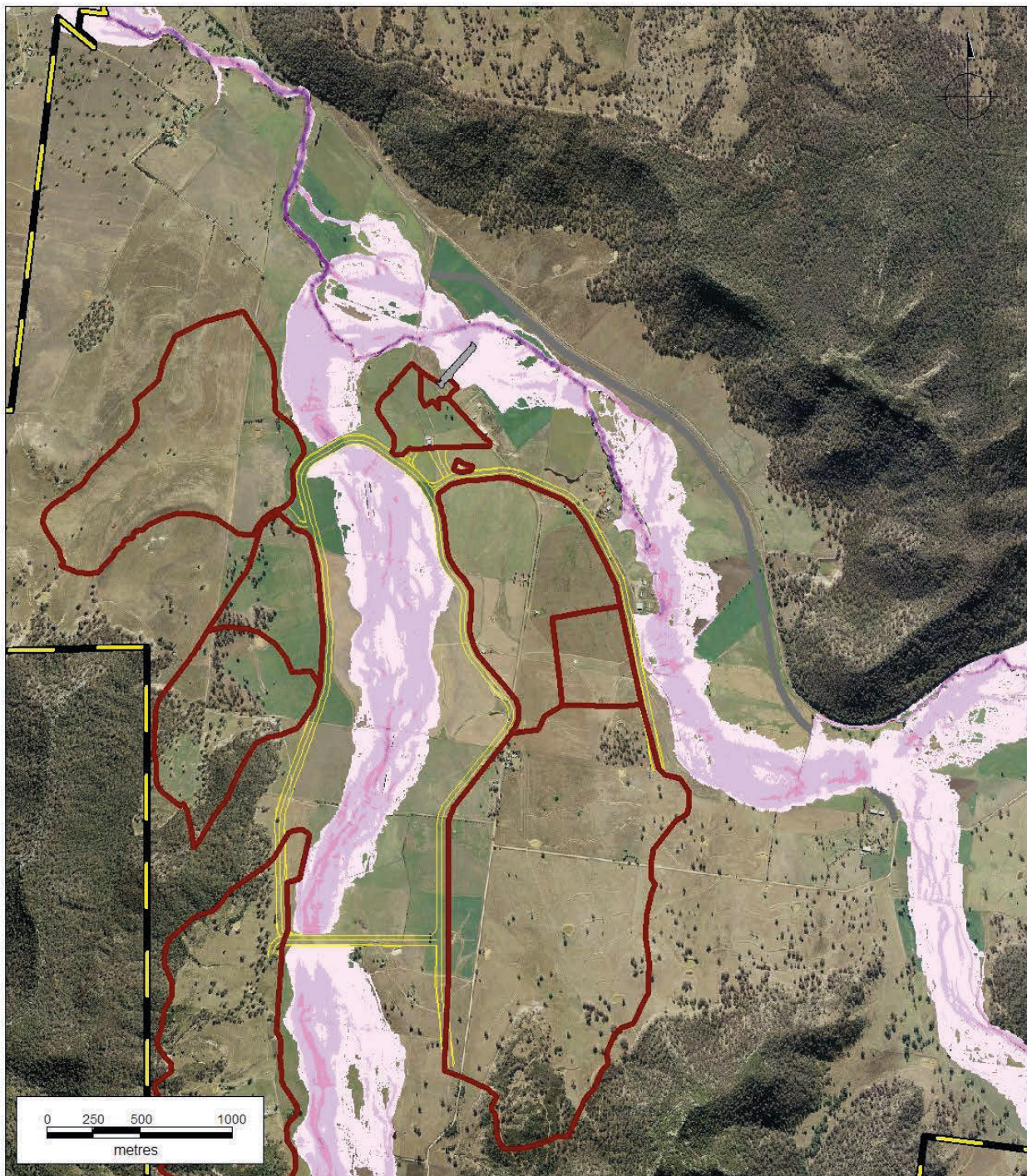


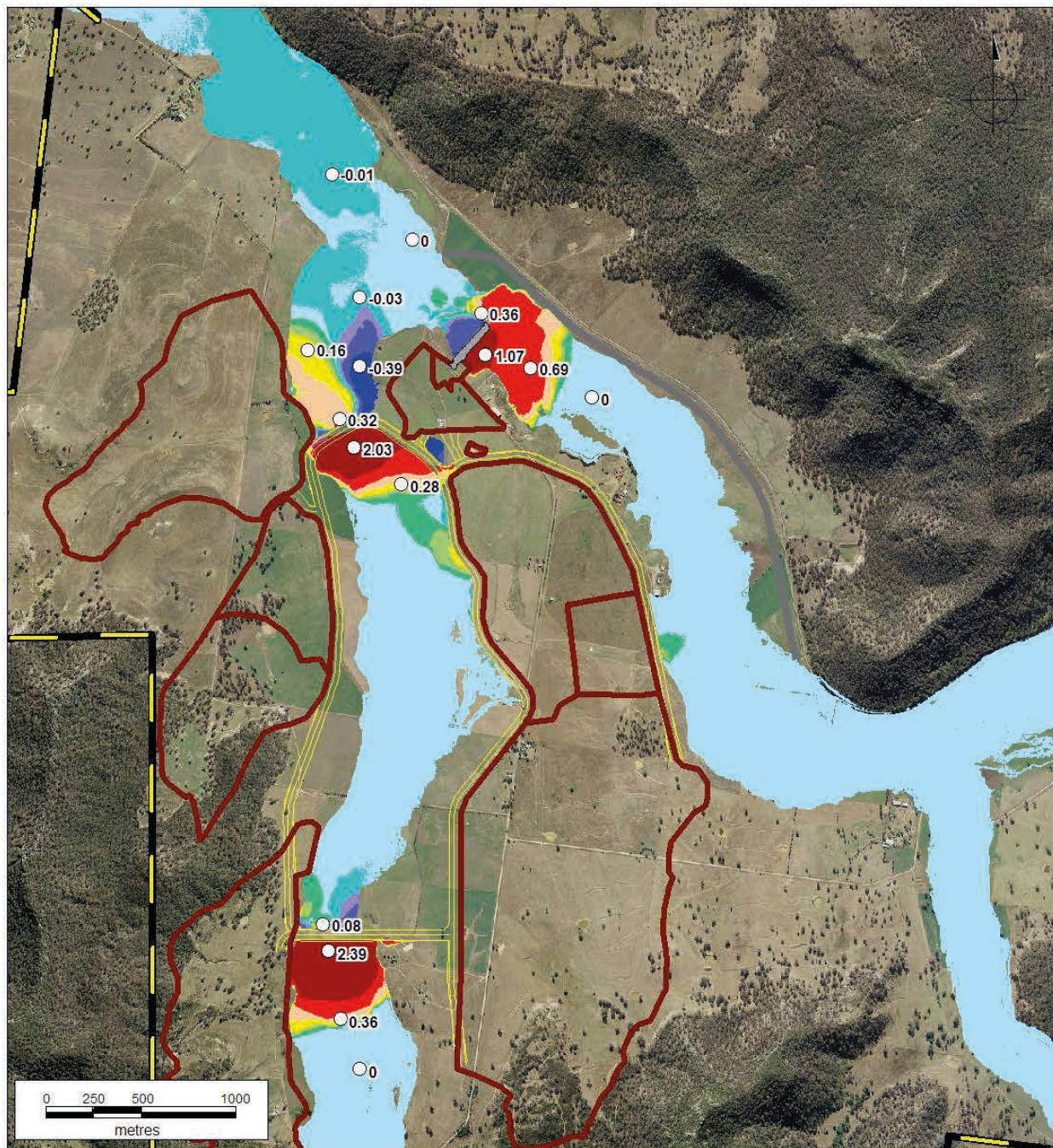
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2 Year ARI
Peak Flood Depth
Developed
Conditions



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CHANGE IN PONDED DEPTH (m)

Blue	-0.25m < dWL < -0.00m
Light Blue	-0.10m < dWL < -0.05m
Light Green	-0.05m < dWL < -0.01m
Green	-0.01m < dWL < 0.01m
Yellow-Green	0.01m < dWL < 0.05m
Yellow	0.05m < dWL < 0.10m
Orange	0.10m < dWL < 0.25m
Red-Orange	0.25m < dWL < 0.50m
Red	0.50m < dWL < 1.0m
Dark Red	1.00m < dWL < 3.00m
Purple	3.00m < dWL < 5.00m
Dark Purple	dWL > 5.00m

LEGEND

- Project Boundary
- Proposed Haul Roads
- OLC Embankment
- Infrastructure Areas Excluded From Flood Model
- Reporting Points
- Upper Bylong Road Realignment

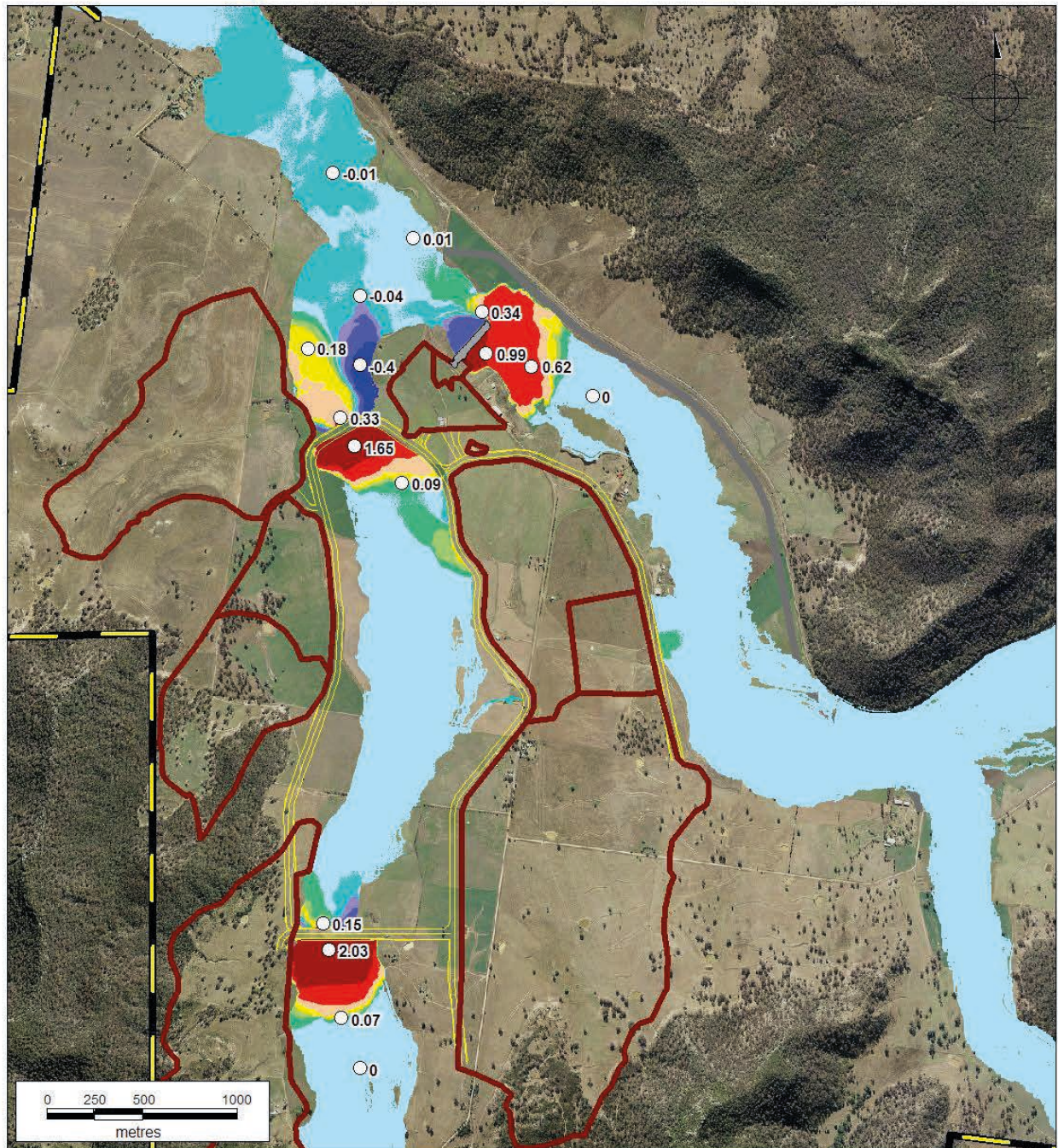
BYLONG COAL PROJECT

100 Year ARI
Developed
Conditions

Change in Water
Level



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**CHANGE IN
PONDED DEPTH (m)**

-0.25m < dWL < -4.00m
-0.10m < dWL < -0.25m
-0.05m < dWL < -0.10m
-0.01m < dWL < -0.05m
-0.01m < dWL < 0.01m
0.01m < dWL < 0.05m
0.05m < dWL < 0.10m
0.10m < dWL < 0.25m
0.25m < dWL < 0.50m
0.50m < dWL < 1.0m
1.00m < dWL < 3.00m
3.00m < dWL < 5.00m
dWL > 5.00m

LEGEND

- Project Boundary
- Proposed Haul Roads
- OLC Embankment
- Infrastructure Areas Excluded From Flood Model
- Reporting Points
- Upper Bylong Road Realignment

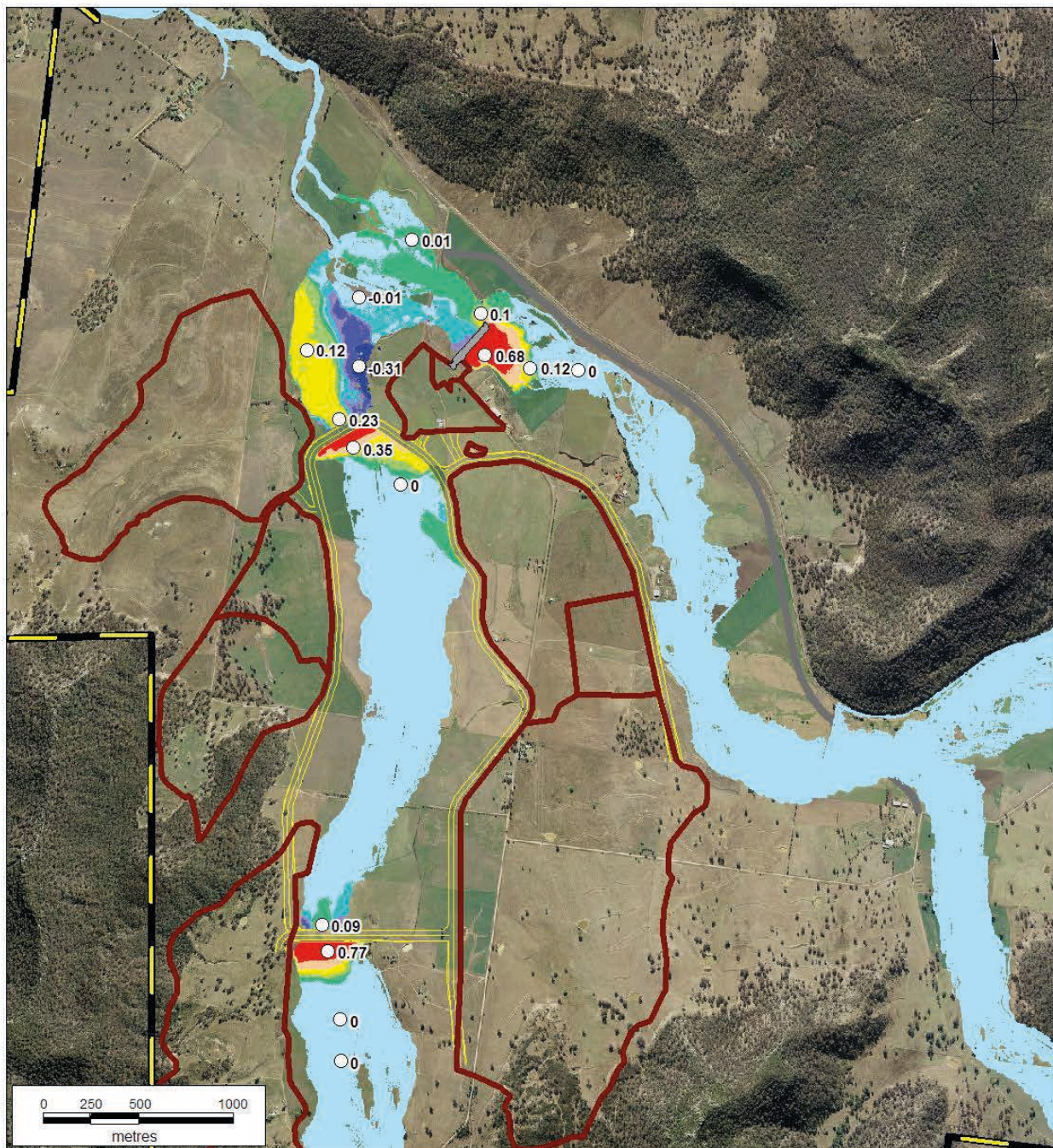
**BYLONG COAL
PROJECT**

50 Year ARI
Developed
Conditions

Change in Water
Level



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CHANGE IN PONDED DEPTH (m)

Dark Blue	-0.25m < dWL < -4.00m
Blue	-0.10m < dWL < -0.25m
Light Blue	-0.05m < dWL < -0.10m
Very Light Blue	-0.01m < dWL < -0.05m
White	-0.01m < dWL < 0.01m
Light Green	0.01m < dWL < 0.05m
Green	0.05m < dWL < 0.10m
Yellow-Green	0.10m < dWL < 0.25m
Yellow	0.25m < dWL < 0.50m
Orange	0.50m < dWL < 1.0m
Red	1.00m < dWL < 3.00m
Dark Red	3.00m < dWL < 5.00m
Purple	dWL > 5.00m

LEGEND

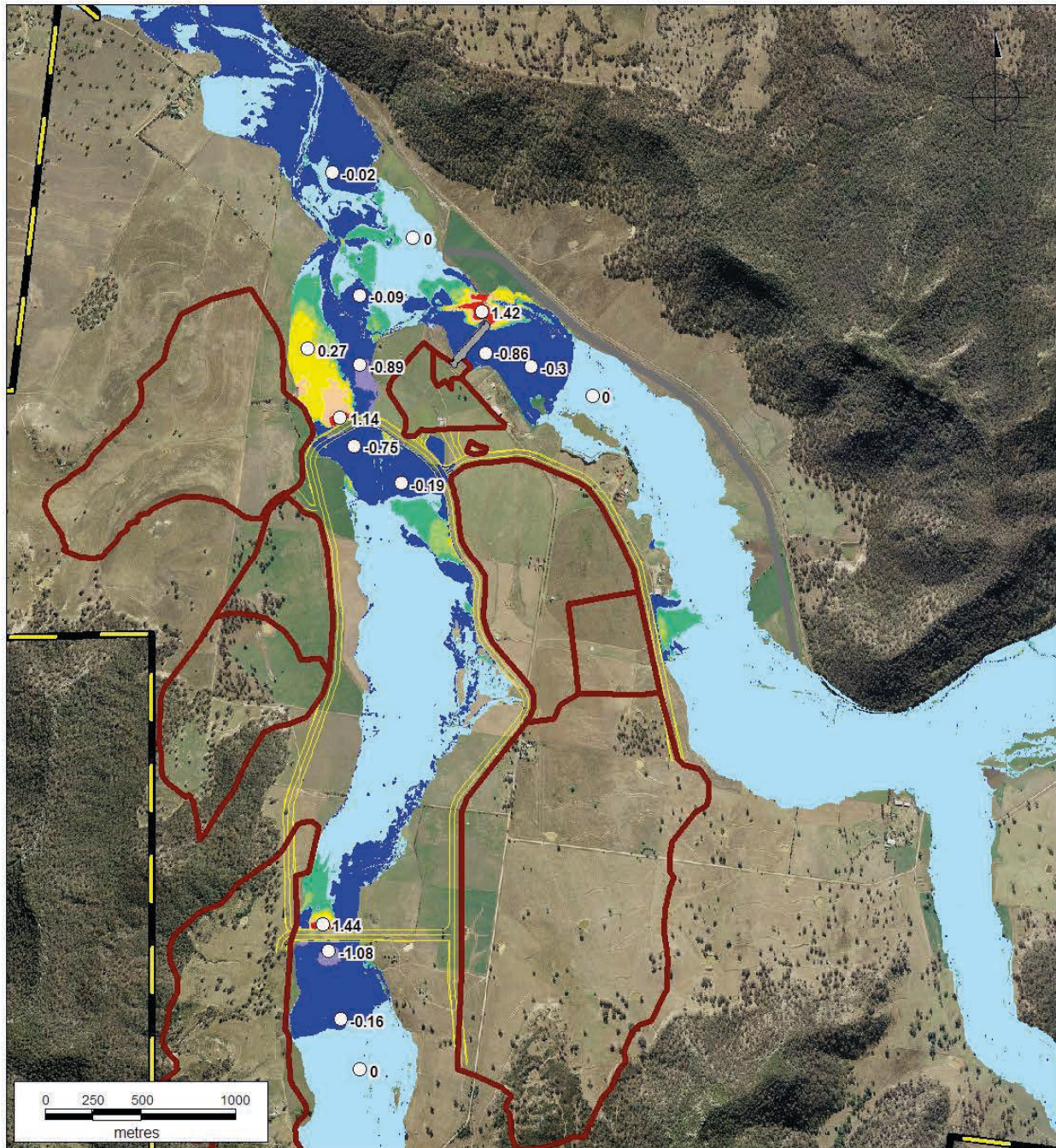
- Project Boundary
- Proposed Haul Roads
- OLC Embankment
- Infrastructure Areas Excluded From Flood Model
- Reporting Points
- Upper Bylong Road Realignment

BYLONG COAL PROJECT

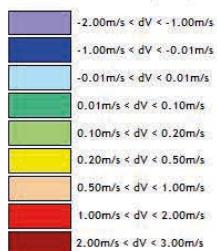
2 Year ARI
Developed
Conditions

Change in Water
Level

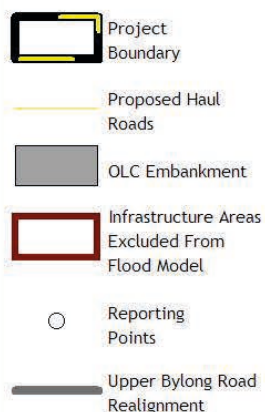
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CHANGE IN
VELOCITY (m/s)



LEGEND



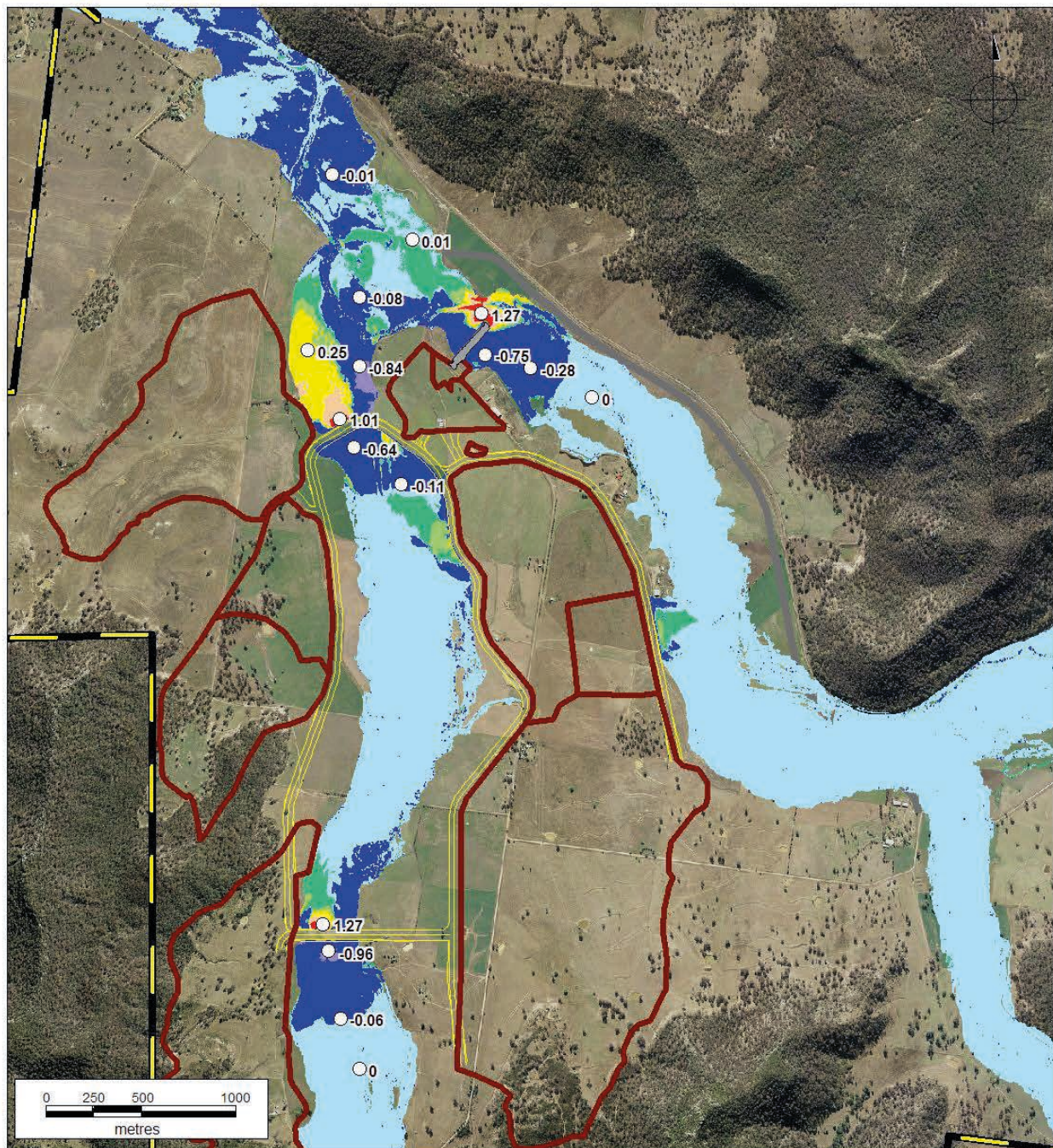
BYLONG COAL
PROJECT

100 Year ARI
Developed
Conditions

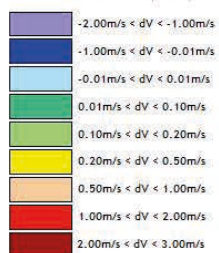
Change in Velocity



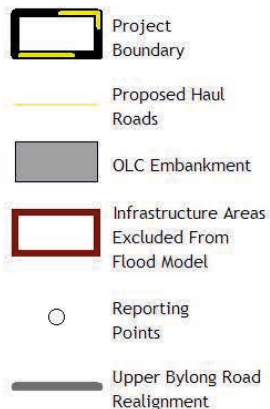
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CHANGE IN VELOCITY (m/s)



LEGEND

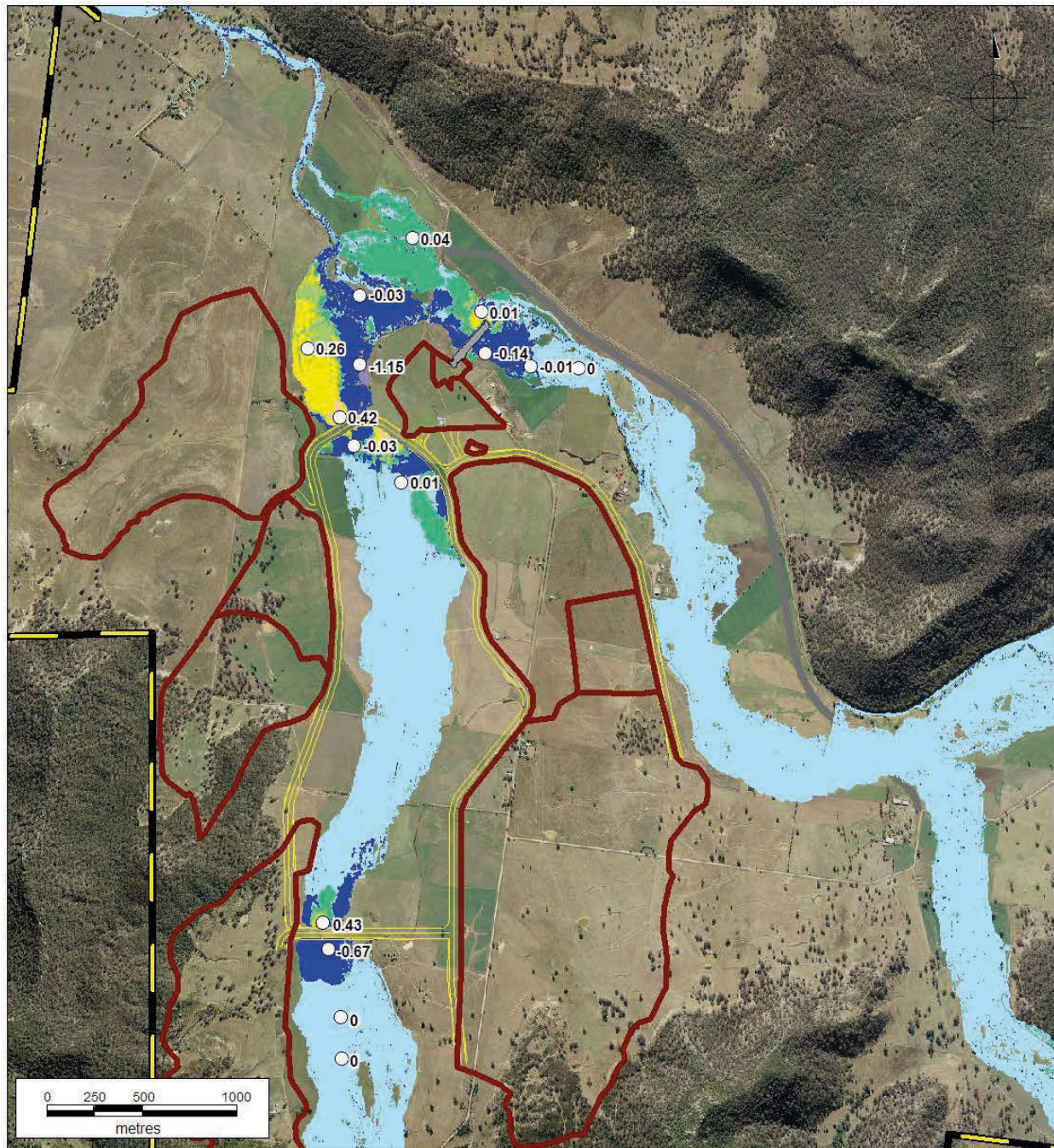


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50 Year ARI
Developed
Conditions

Change in Velocity

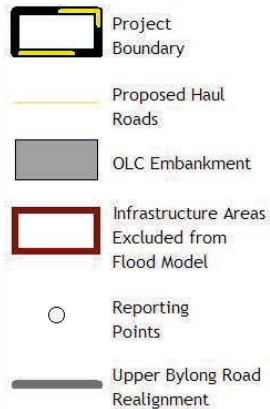
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CHANGE IN
VELOCITY (m/s)



LEGEND



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PROJECT

2 Year ARI
Developed
Conditions

Change in Velocity

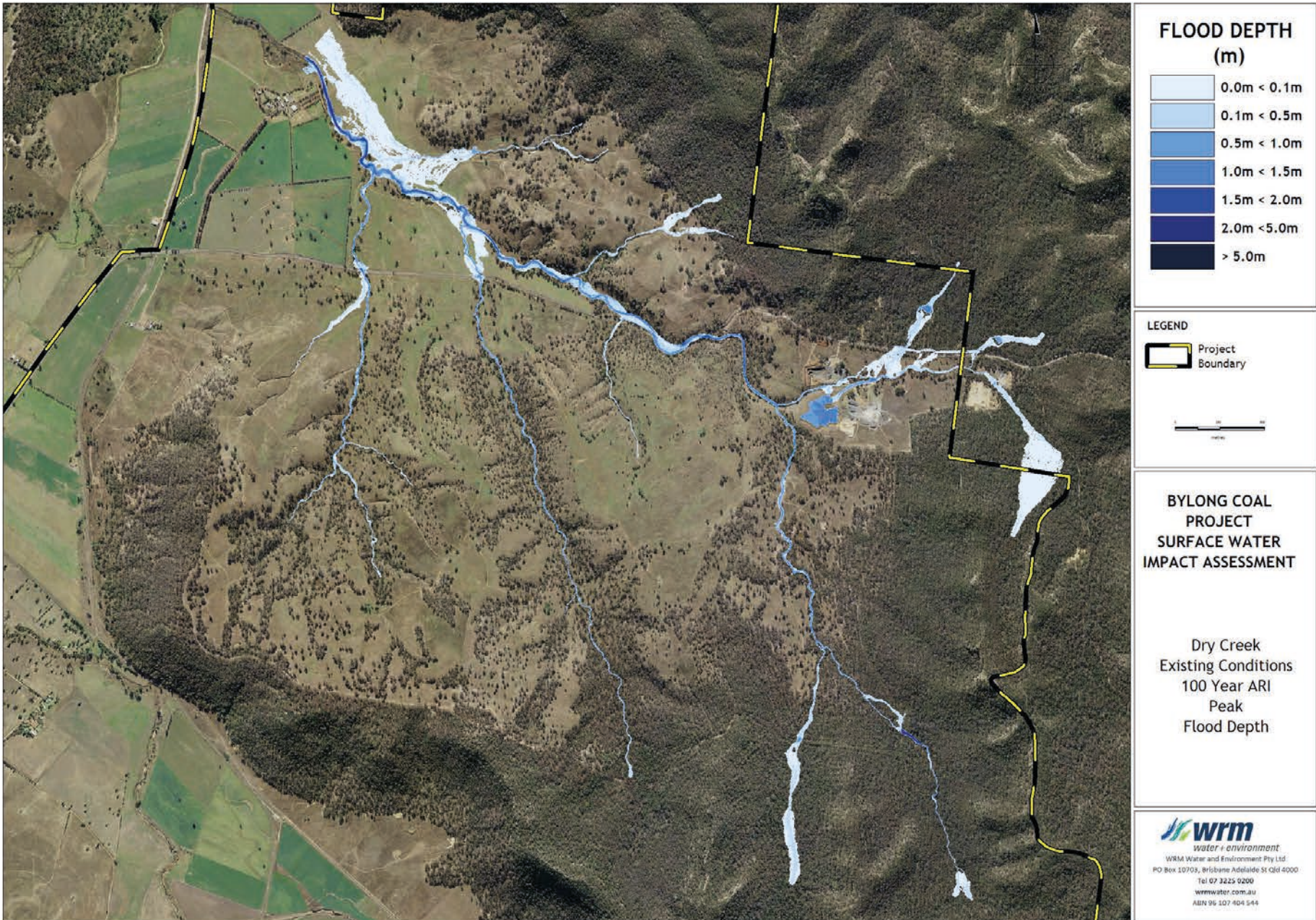


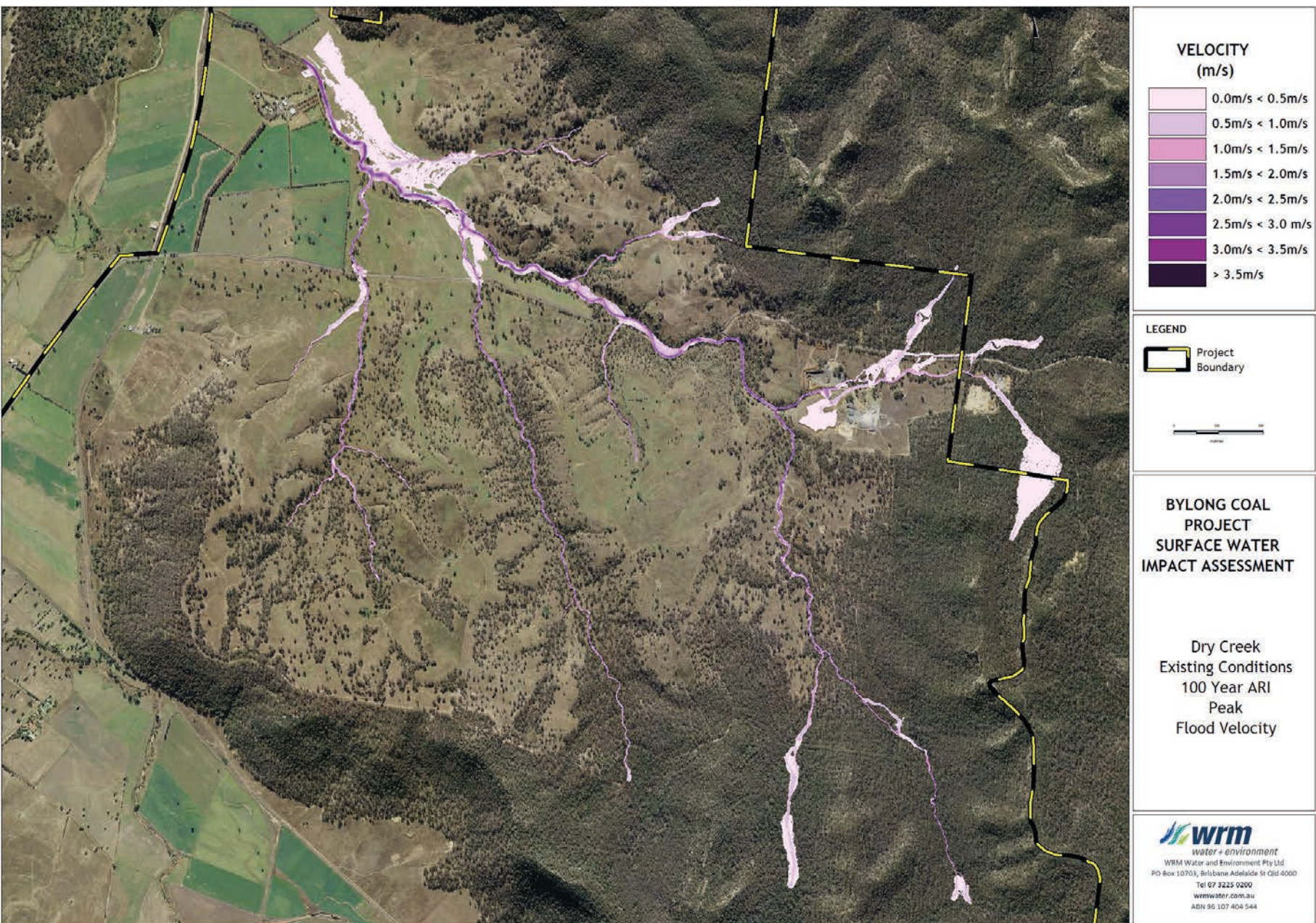
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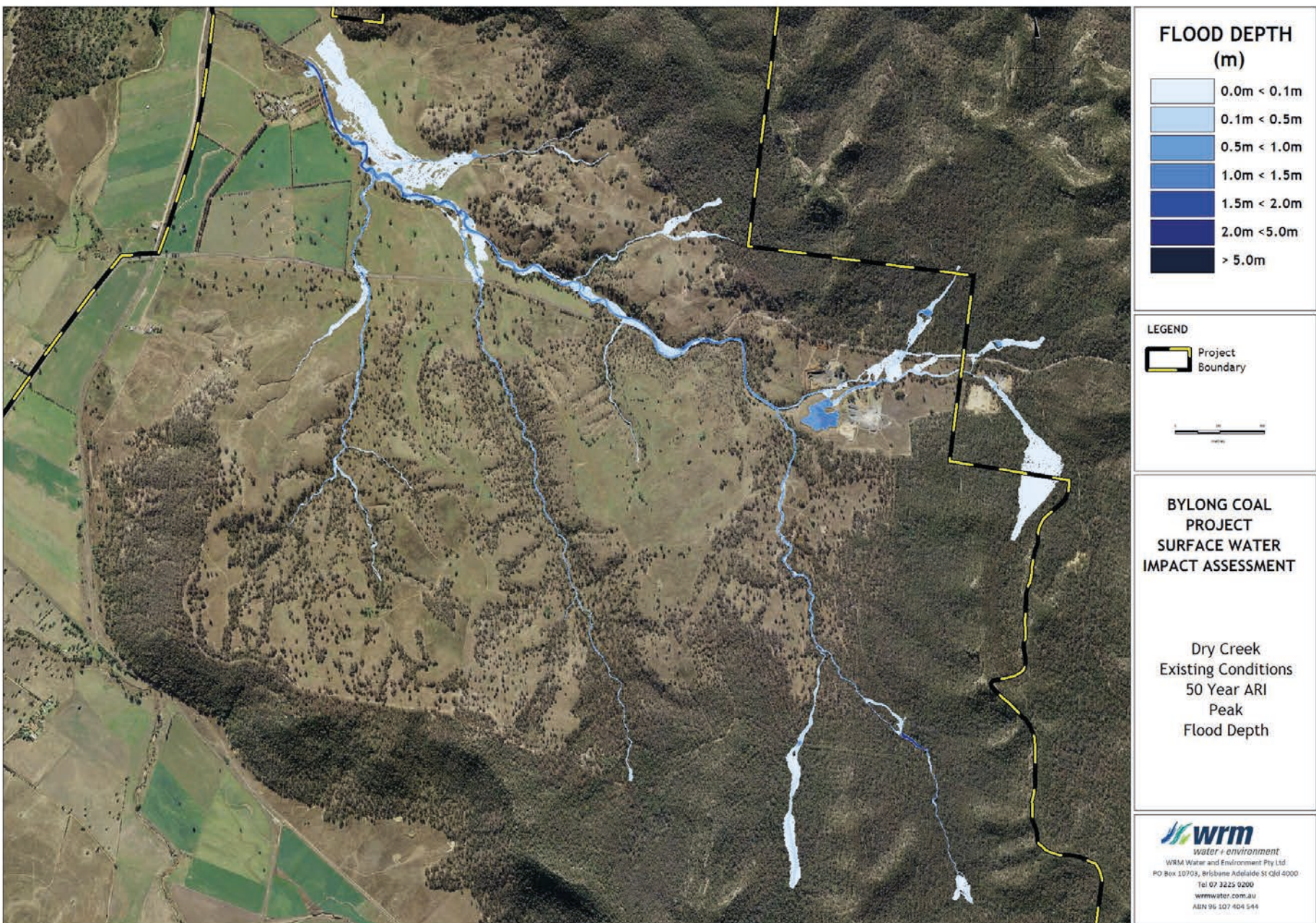
Attachment 3 - Dry Creek Flood Modelling Results, Existing Conditions

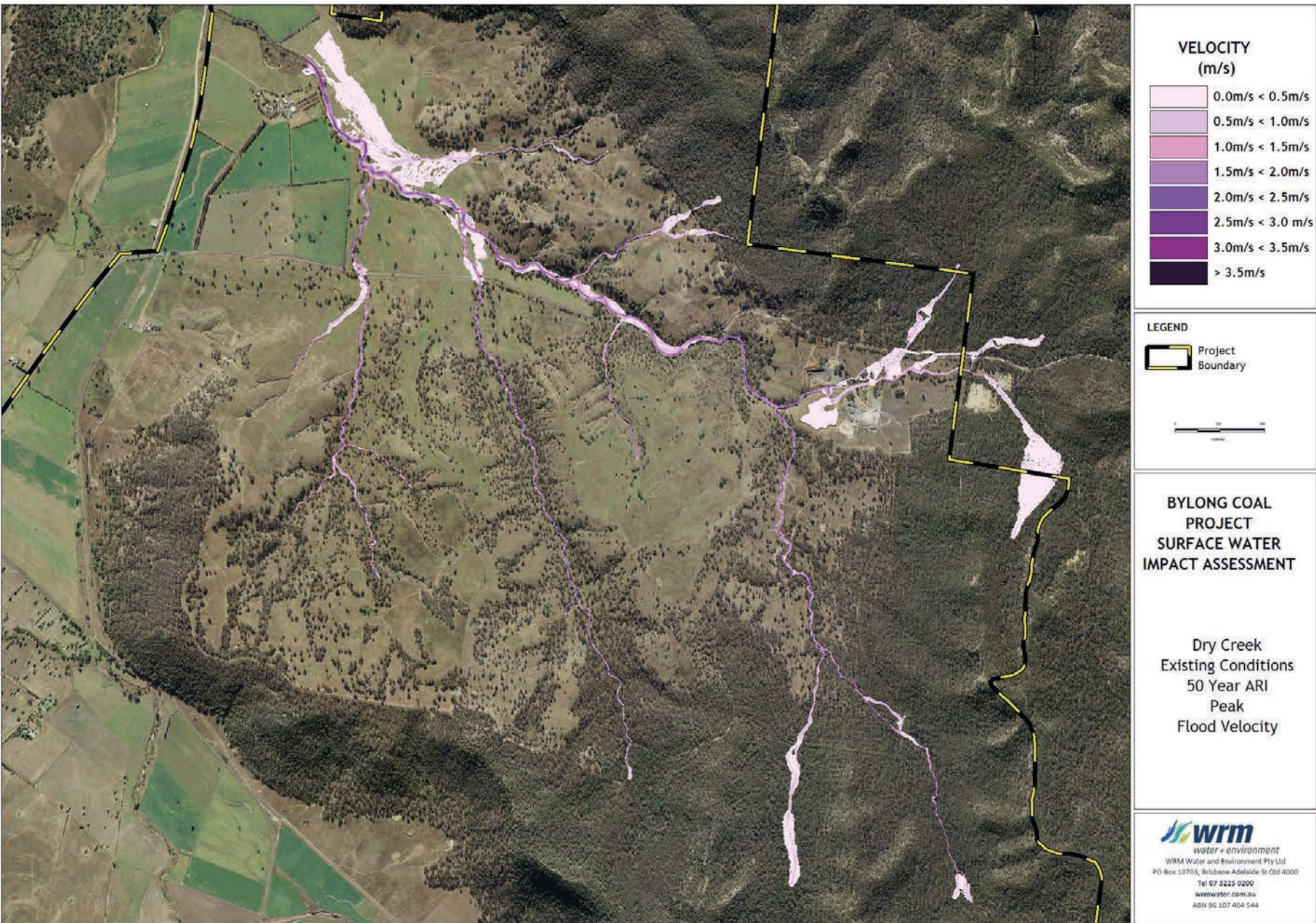
Attachment 3 includes the following figures:

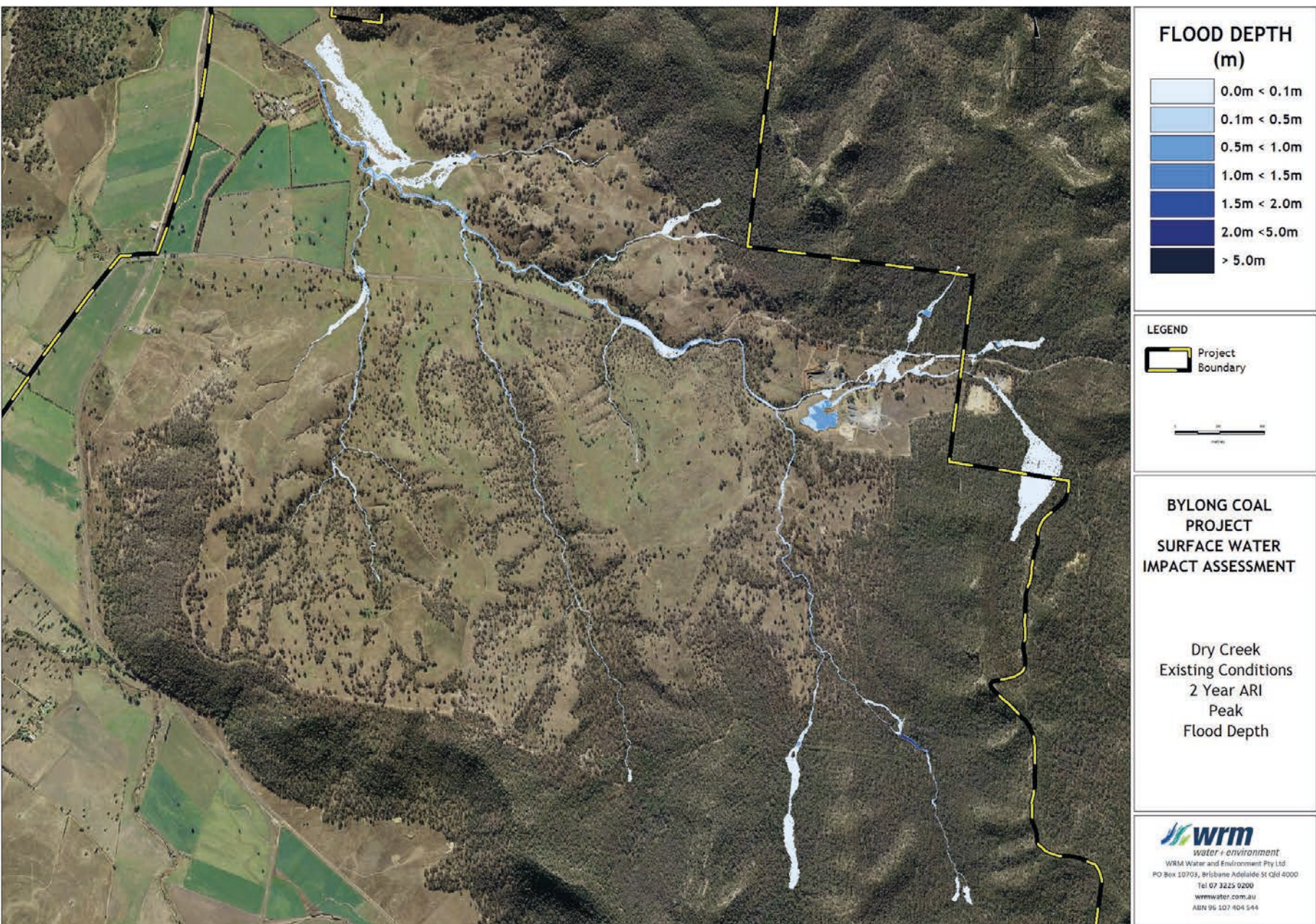
1. 100 year ARI design event flood depth, existing conditions
2. 100 year ARI design event flood velocity, existing conditions
3. 50 year ARI design event flood depth, existing conditions
4. 50 year ARI design event flood velocity, existing conditions
5. 2 year ARI design event flood depth, existing conditions
6. 2 year ARI design event flood velocity, existing conditions

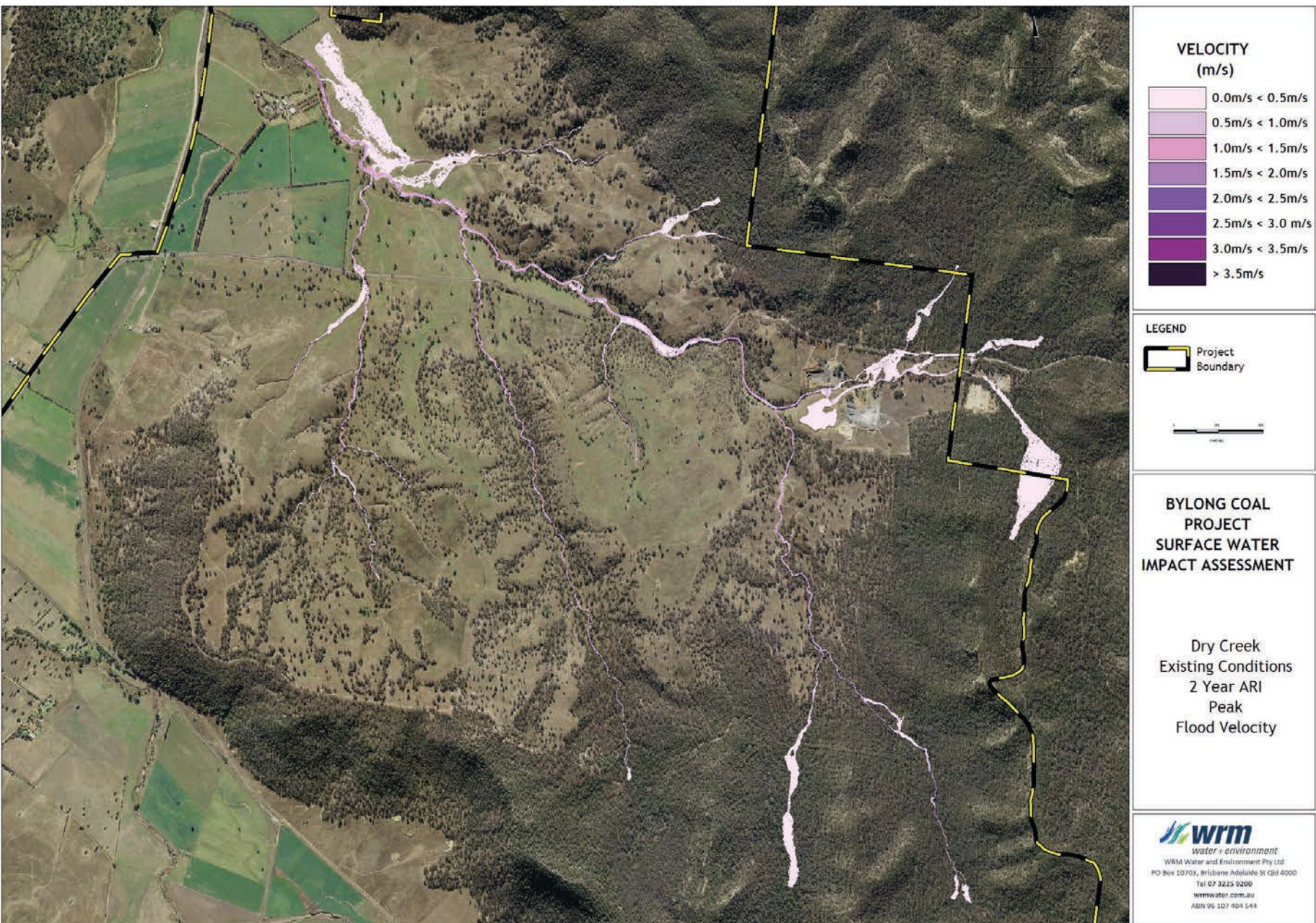












Attachment 4 - Dry Creek Flood Modelling Results, Post-Subsidence Conditions

Attachment 4 includes the following figures:

1. 100 year ARI design event flood depth, post-subsidence conditions
2. 100 year ARI design event flood velocity, post-subsidence conditions
3. 50 year ARI design event flood depth, post-subsidence conditions
4. 50 year ARI design event flood velocity, post-subsidence conditions
5. 2 year ARI design event flood depth, post-subsidence conditions
6. 2 year ARI design event flood velocity, post-subsidence conditions
7. 100 year ARI design event, change in water level
8. 50 year ARI design event, change in water level
9. 2 year ARI design event, change in water level
10. 100 year ARI design event, change in velocity
11. 50 year ARI design event, change in velocity
12. 2 year ARI design event, change in velocity

