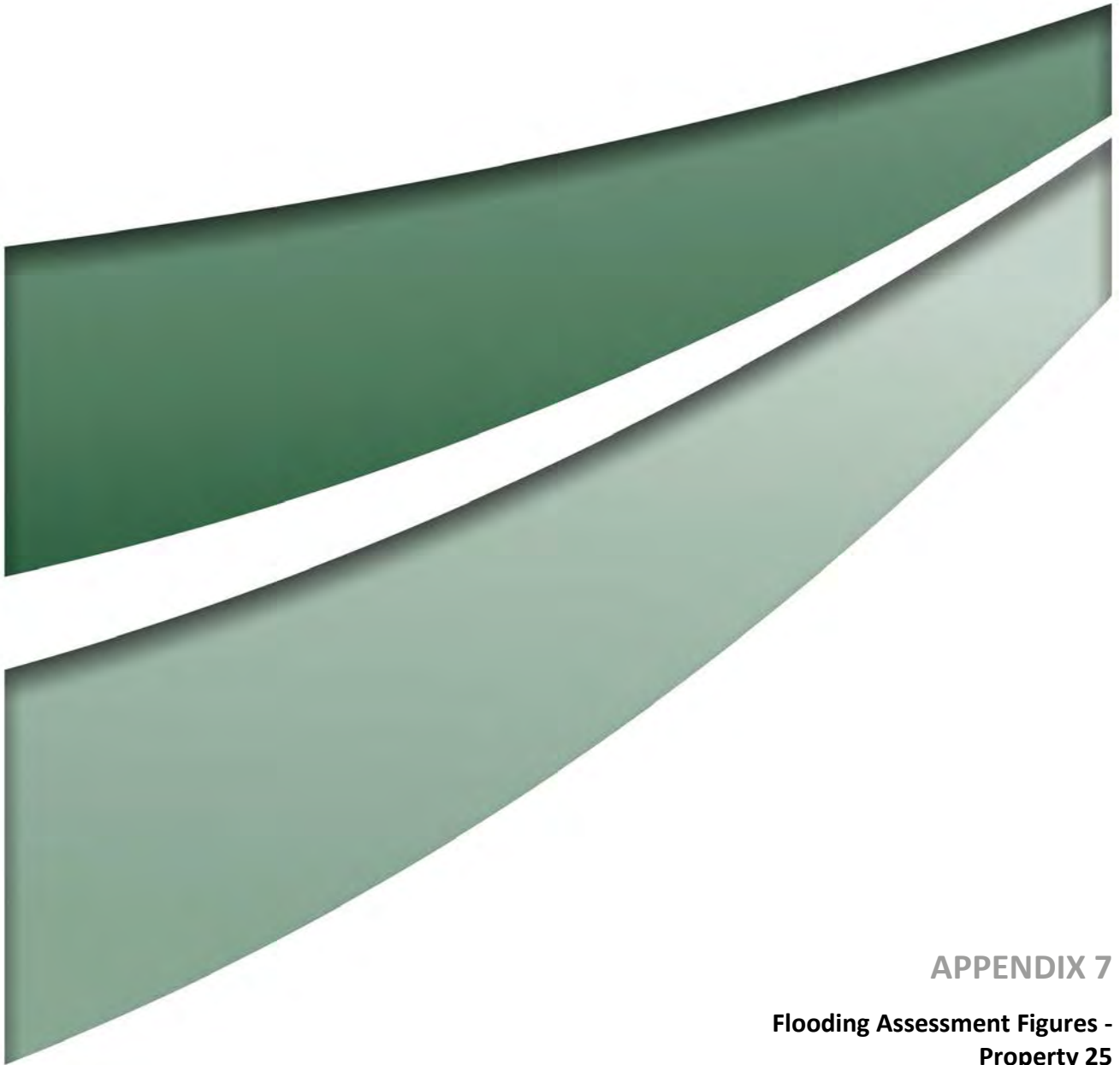




APPENDIX 7

**Flooding Assessment Figures -
Property 25**



Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

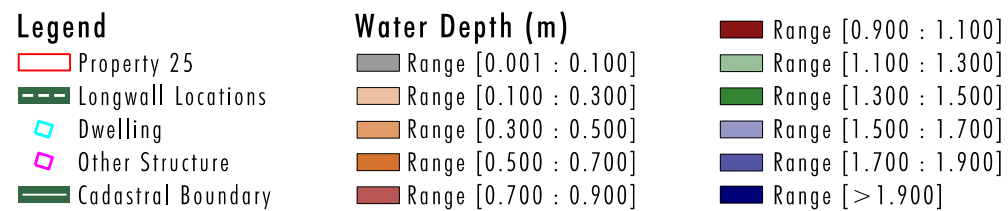


FIGURE 1

Property 25 - 100 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform



Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend		
 Property 25	 Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 Longwall Locations	 Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 Dwelling	 Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 Other Structure	 Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 Cadastral Boundary	 Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [> 1.900]

FIGURE 2

Property 25 - 100 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)



Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

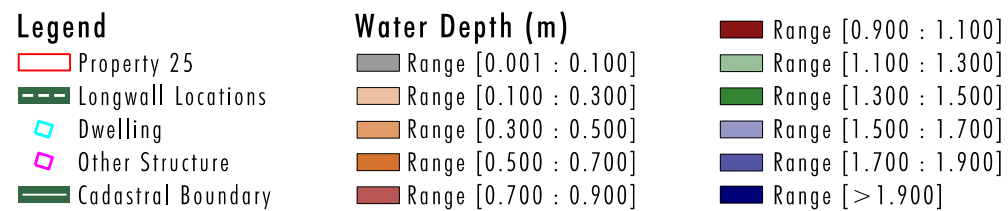


FIGURE 3

Property 25 - 1 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform



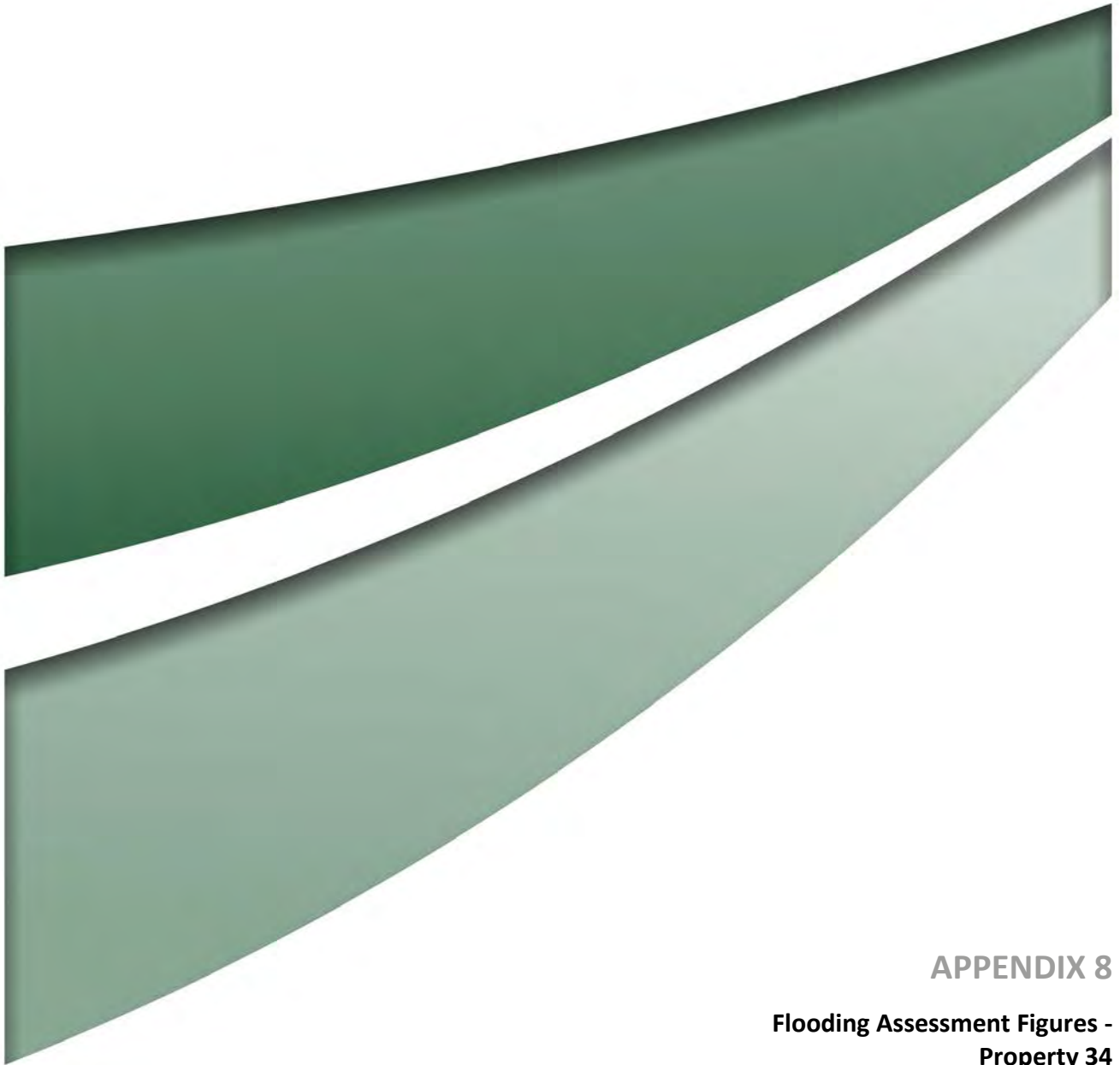
Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend		
 	Property 25	
	Longwall Locations	
 	Dwelling	
 	Other Structure	
	Cadastral Boundary	
Water Depth (m)		
	Range [0.001 : 0.100]	 Range [0.900 : 1.100]
	Range [0.100 : 0.300]	 Range [1.100 : 1.300]
	Range [0.300 : 0.500]	 Range [1.300 : 1.500]
	Range [0.500 : 0.700]	 Range [1.500 : 1.700]
	Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [> 1.900]

FIGURE 4

Property 25 - 1 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)



APPENDIX 8

Flooding Assessment Figures -
Property 34

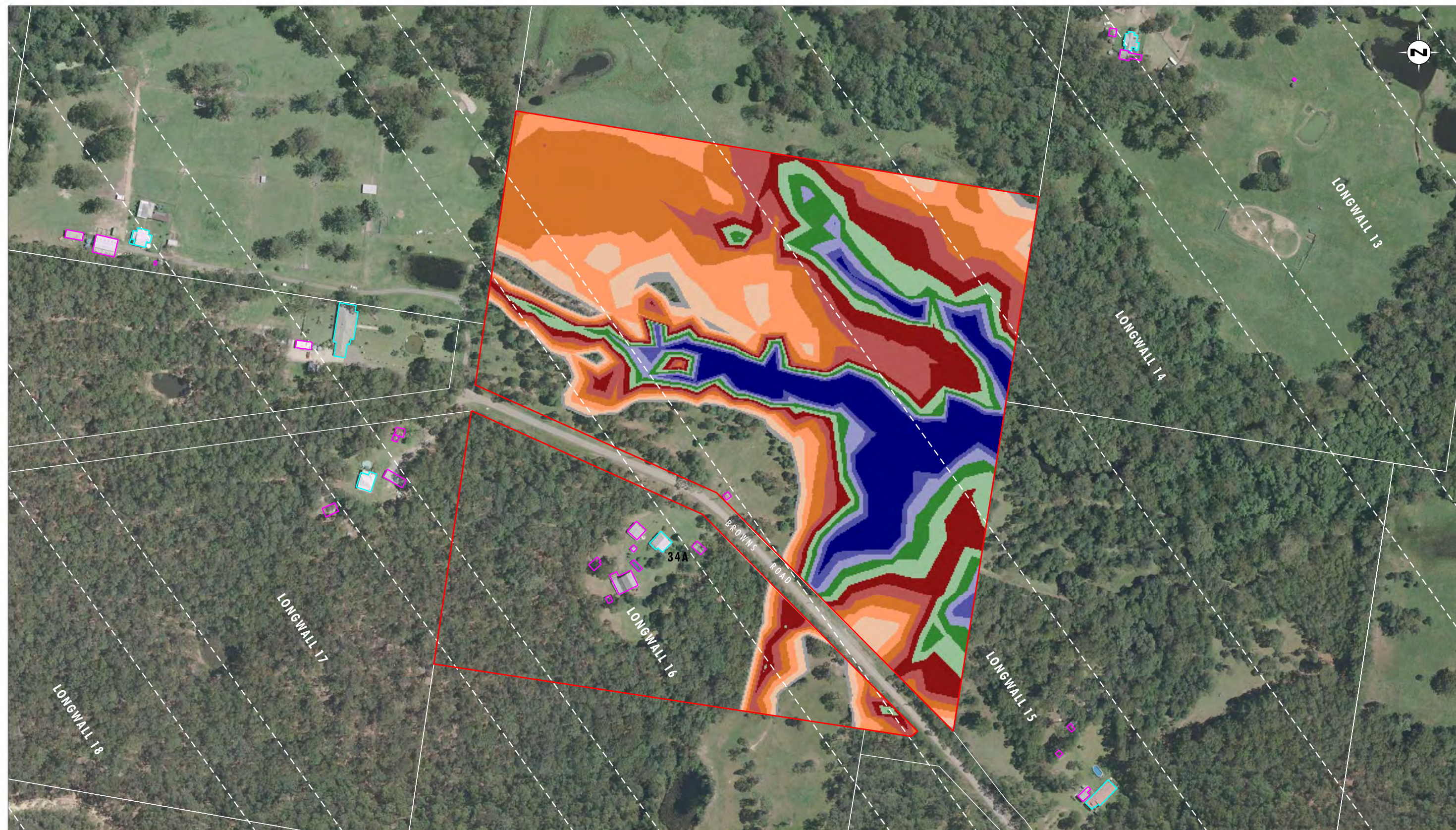


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 150m
1:3000 (A3)

Legend		
 Property 34	 Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 Longwall Locations	 Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 Dwelling	 Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 Other Structure	 Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 Cadastral Boundary	 Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [> 1.900]

FIGURE 1

Property 34 - 100 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

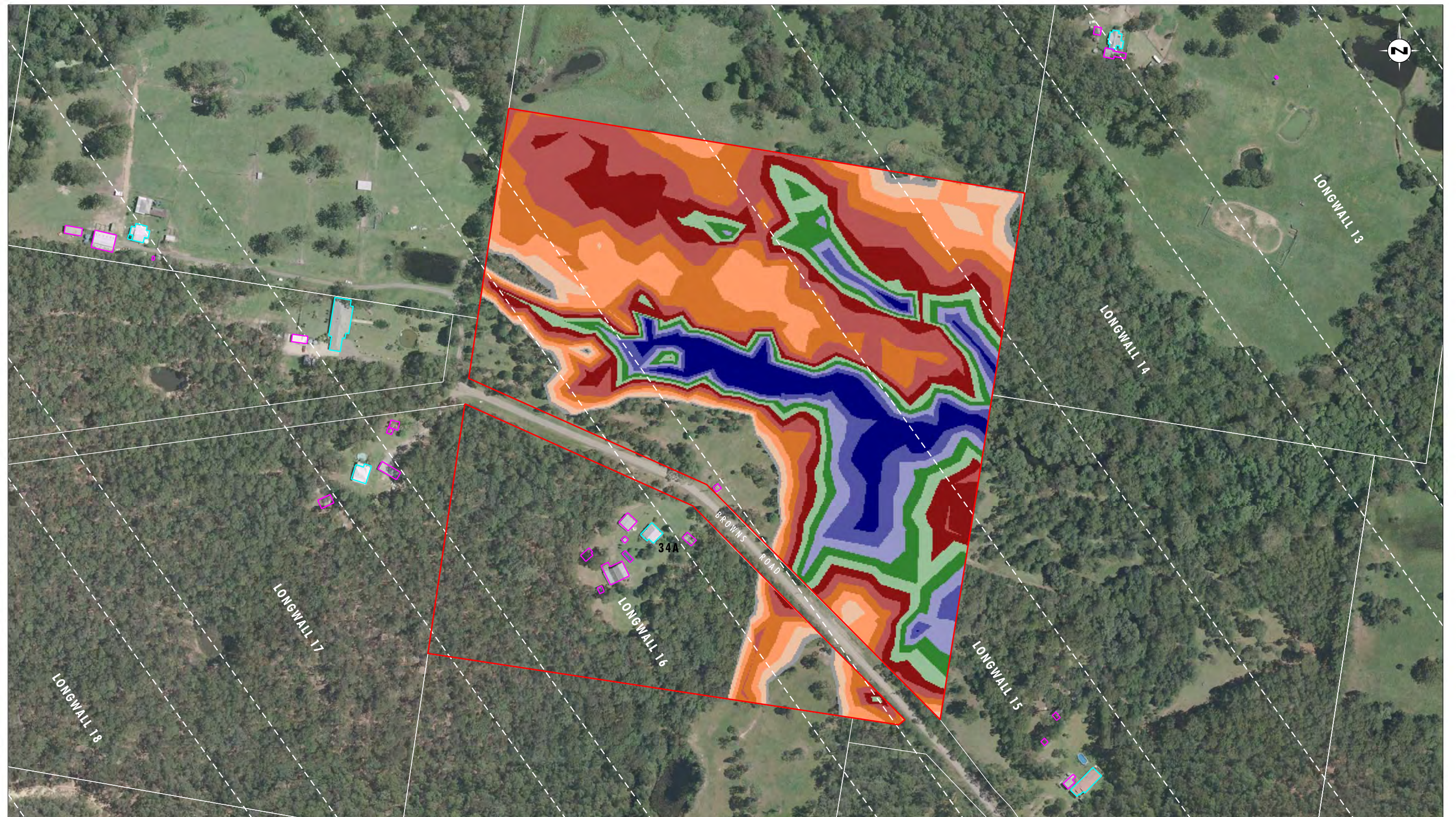


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 150m
1:3000 (A3)

Legend		
 	Property 34	
 	Longwall Locations	
 	Dwelling	
 	Other Structure	
 	Cadastral Boundary	
Water Depth (m)		
 	Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 	Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 	Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 	Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 	Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [> 1.900]

FIGURE 2

Property 34 - 100 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)

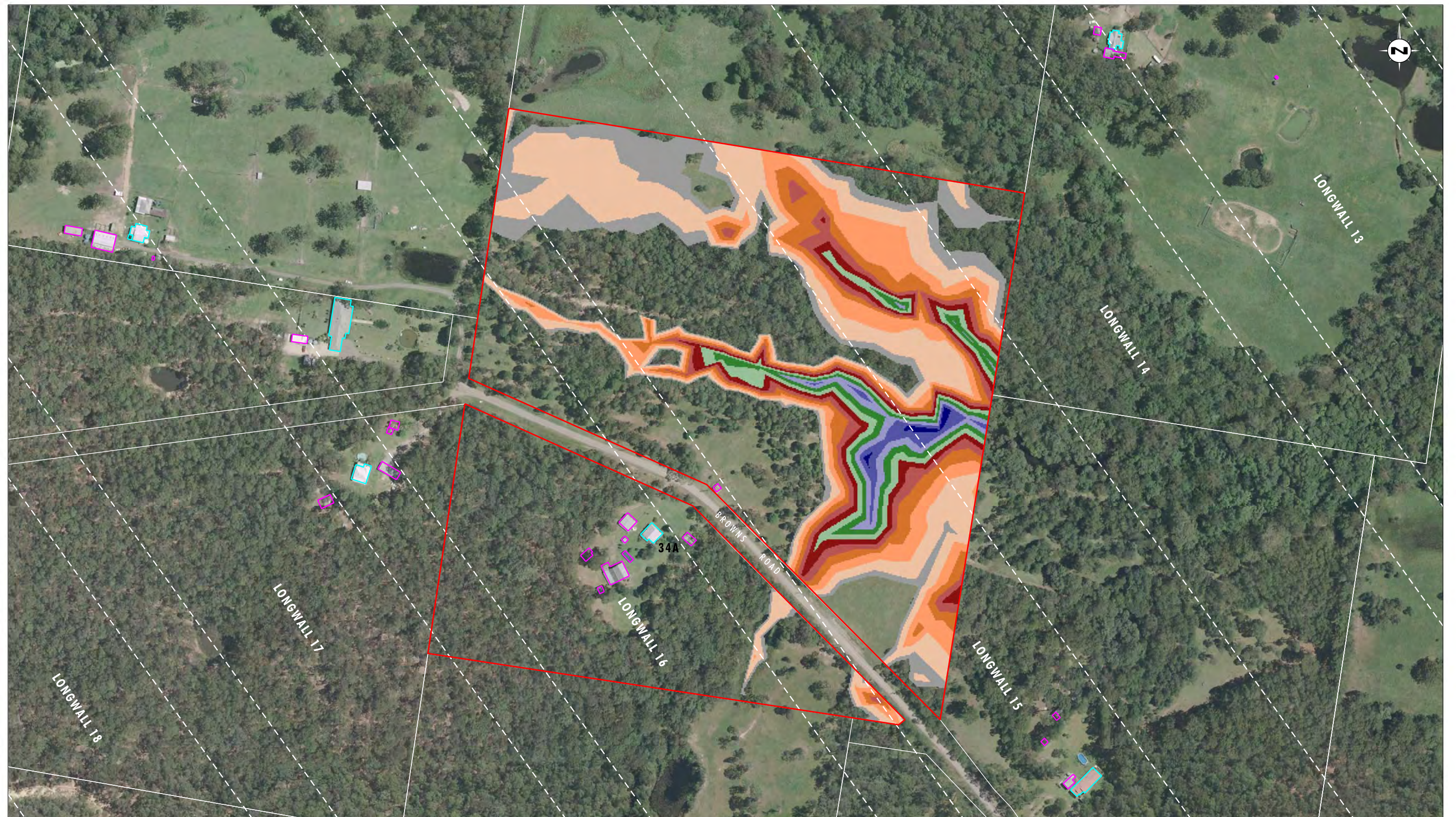


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 150 m
1:3000 (A3)

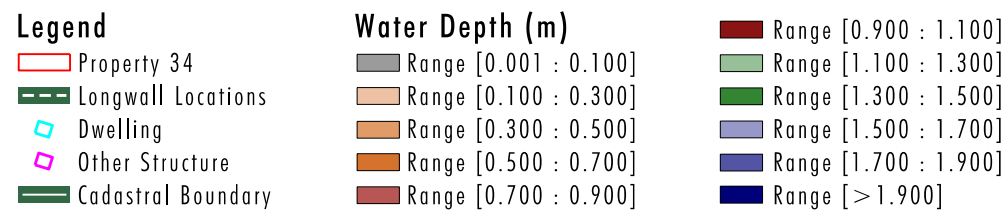


FIGURE 3

Property 34 - 1 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

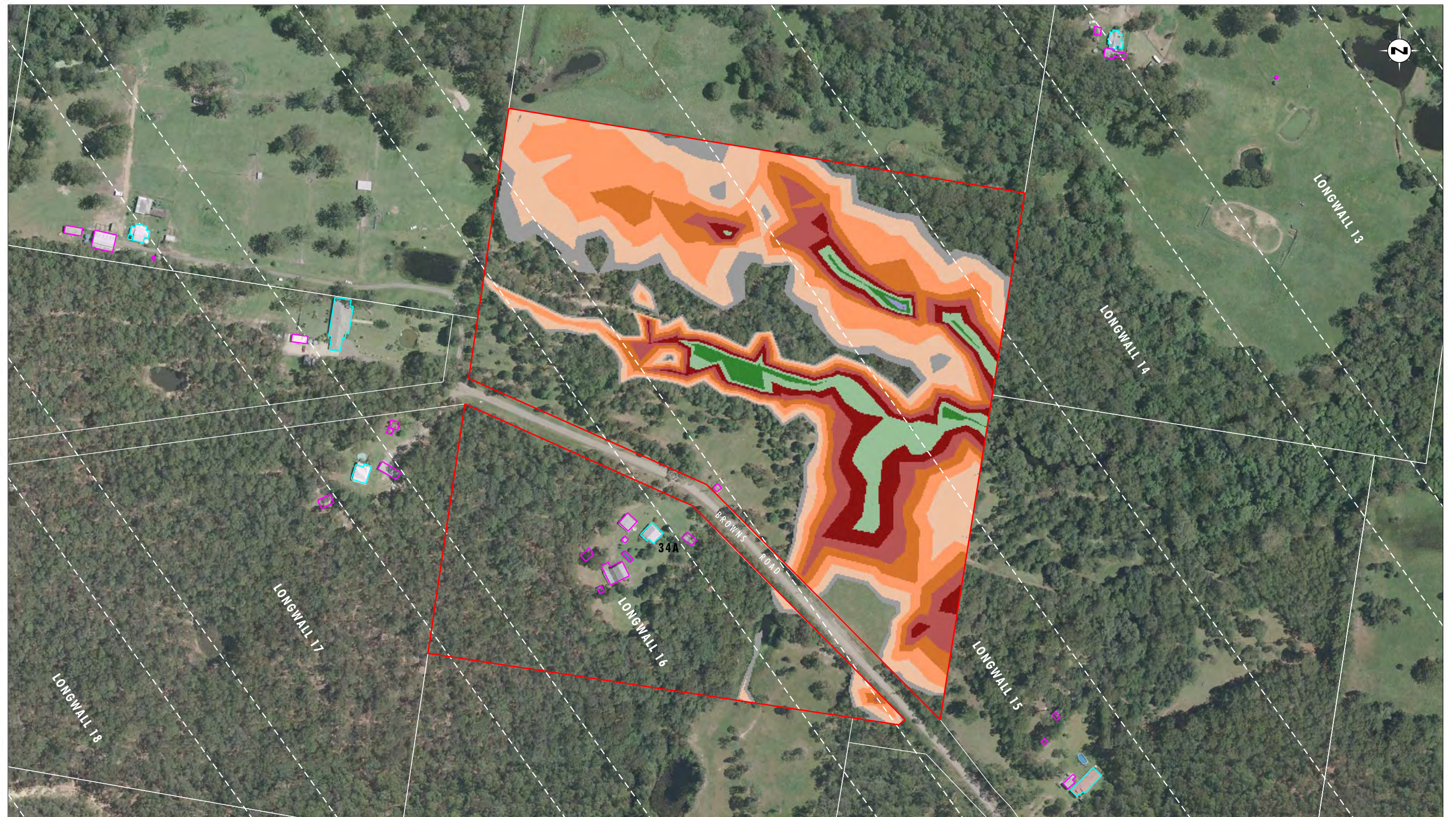


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 150m
1:3000 (A3)

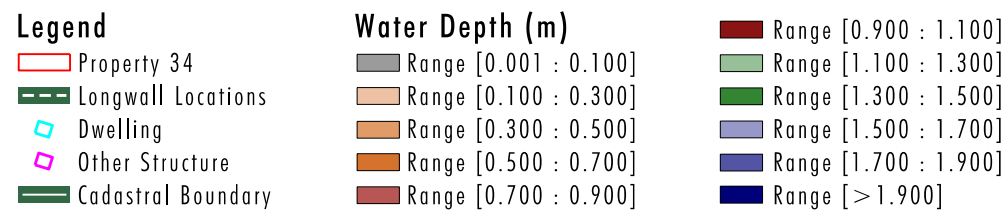
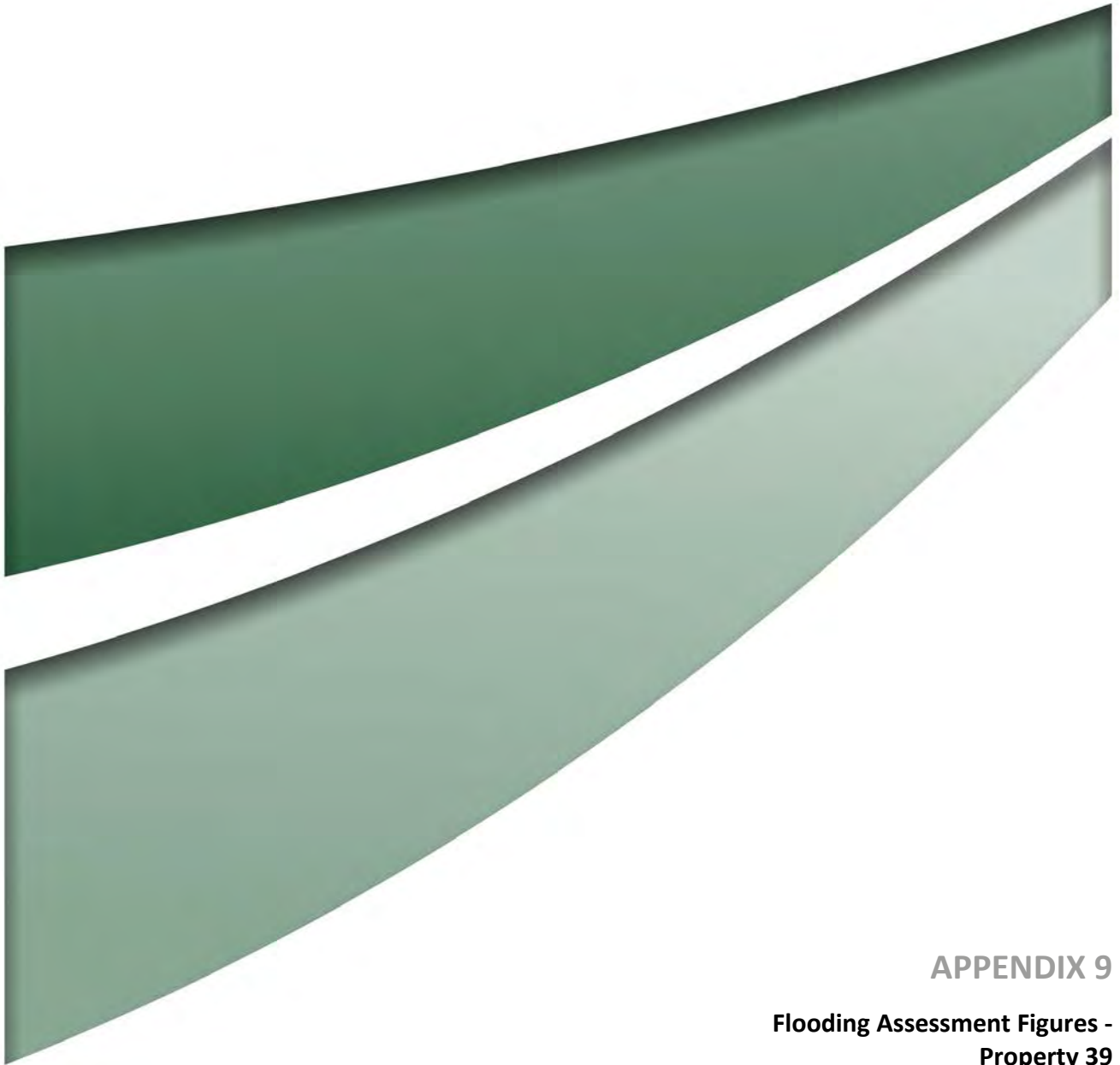


FIGURE 4
Property 34 - 1 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)



APPENDIX 9

**Flooding Assessment Figures -
Property 39**

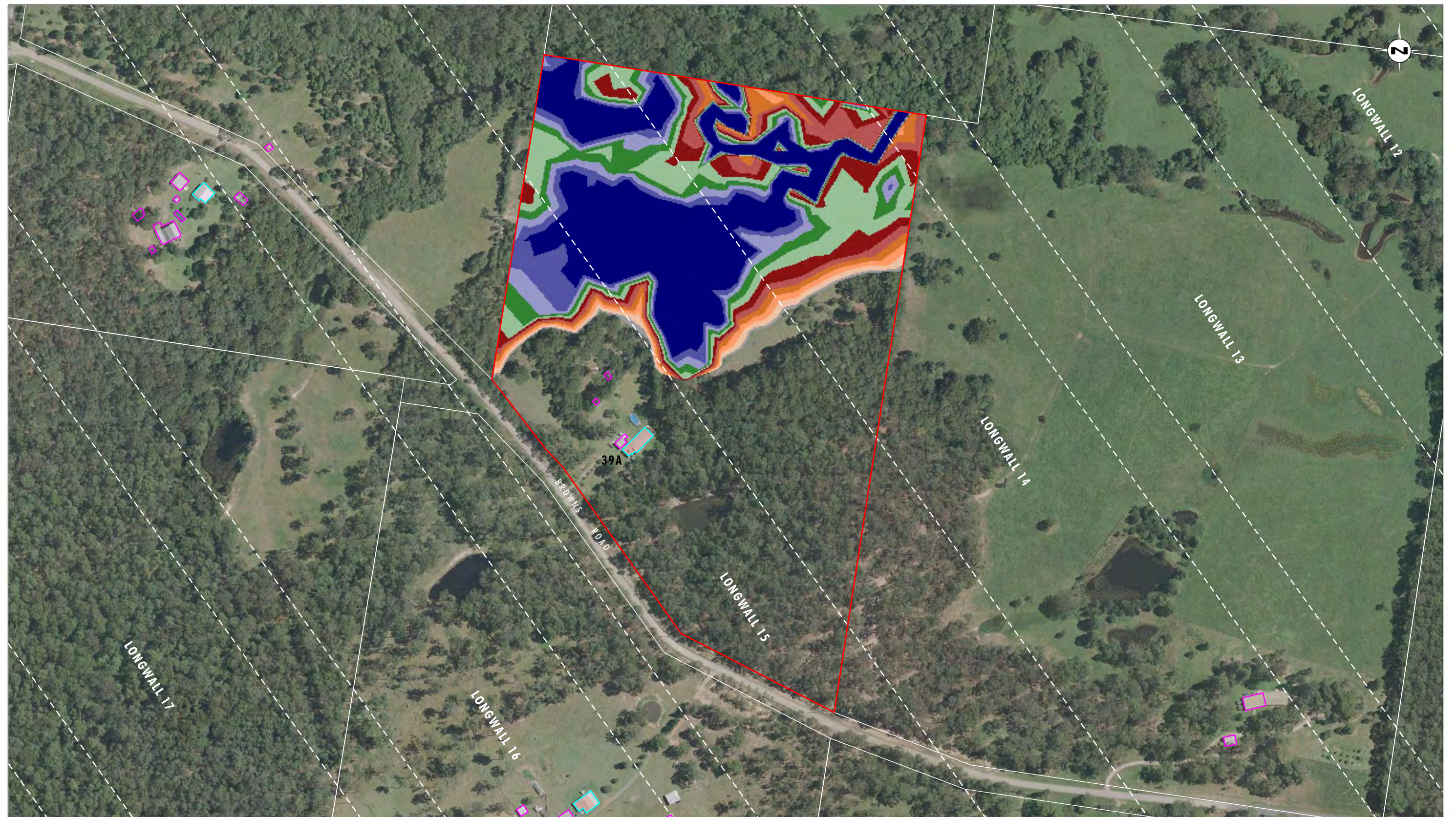


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 150m
1:3000 (A3)

Legend		
 	Property 39	
 	Longwall Locations	
 	Dwelling	
 	Other Structure	
 	Cadastral Boundary	
Water Depth (m)		
 	Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 	Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 	Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 	Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 	Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [>1.900]

FIGURE 1

Property 39 - 100 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

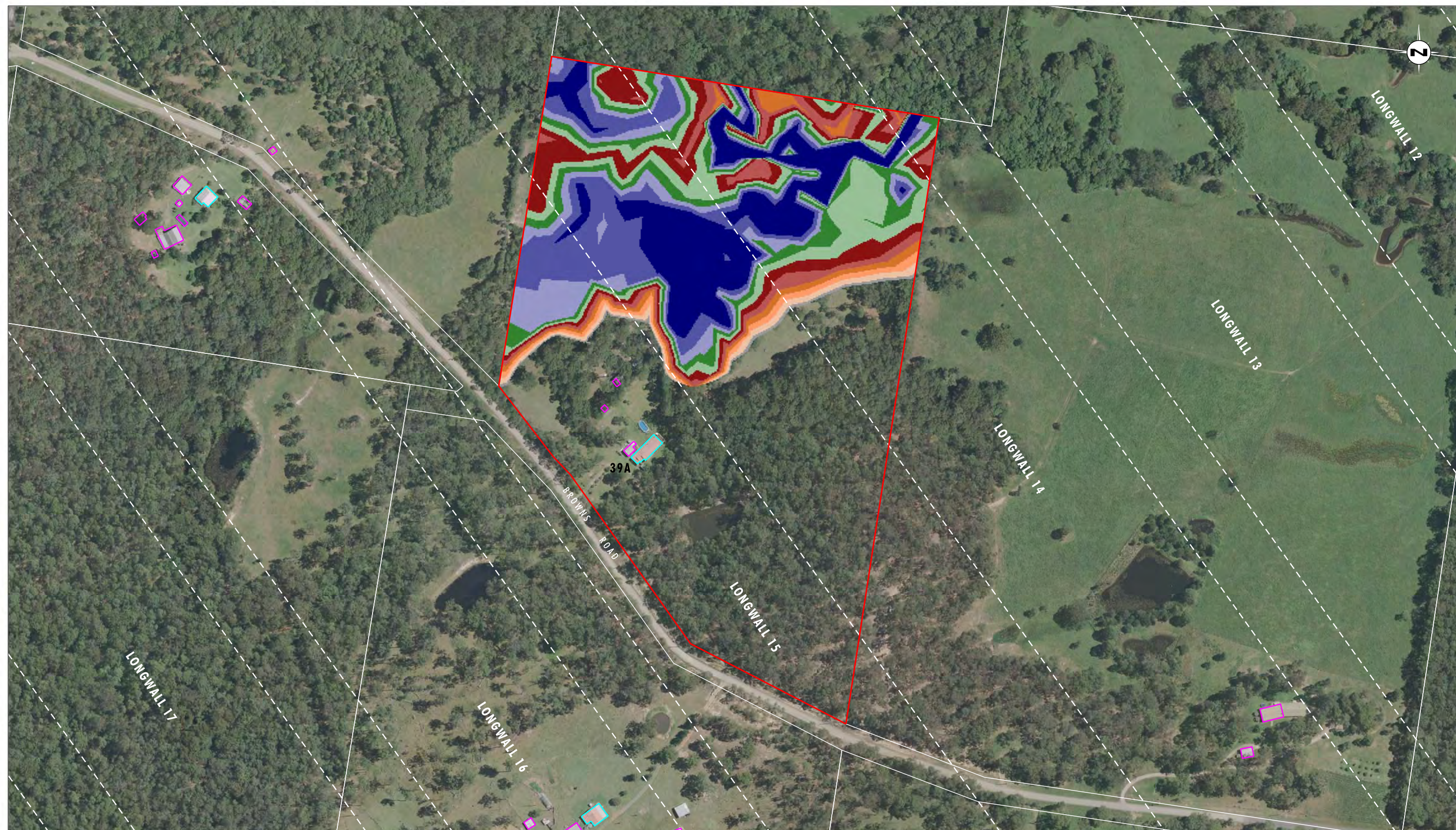


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 150m
1:3000 (A3)

Legend		
 	Property 39	
 	Longwall Locations	
 	Dwelling	
 	Other Structure	
 	Cadastral Boundary	
Water Depth (m)		
 	Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 	Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 	Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 	Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 	Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [>1.900]

FIGURE 2

Property 39 - 100 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)

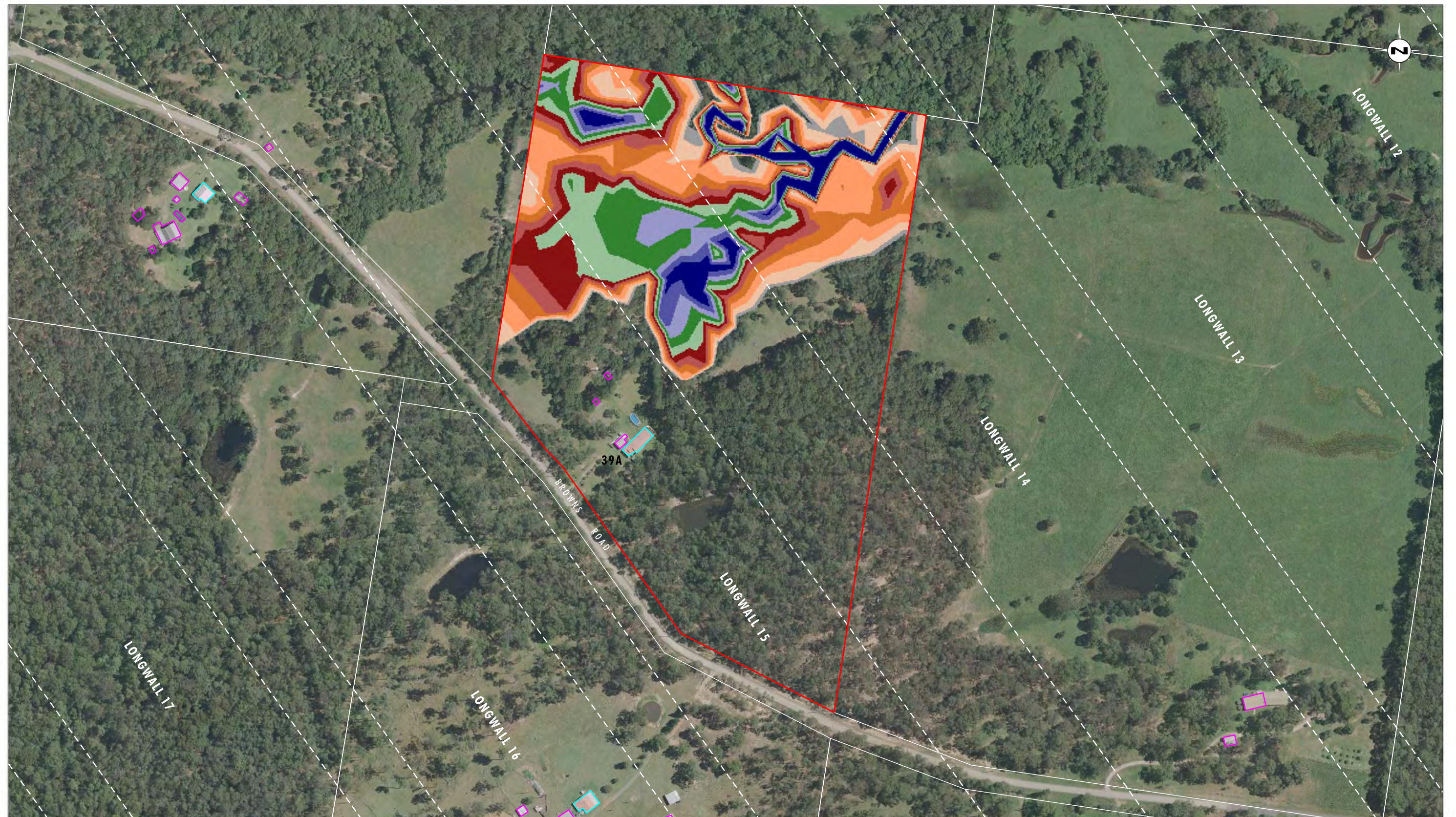


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 150m
1:3000 (A3)

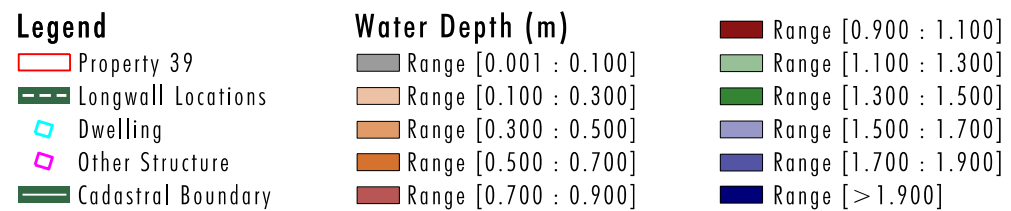


FIGURE 3

Property 39 - 1 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

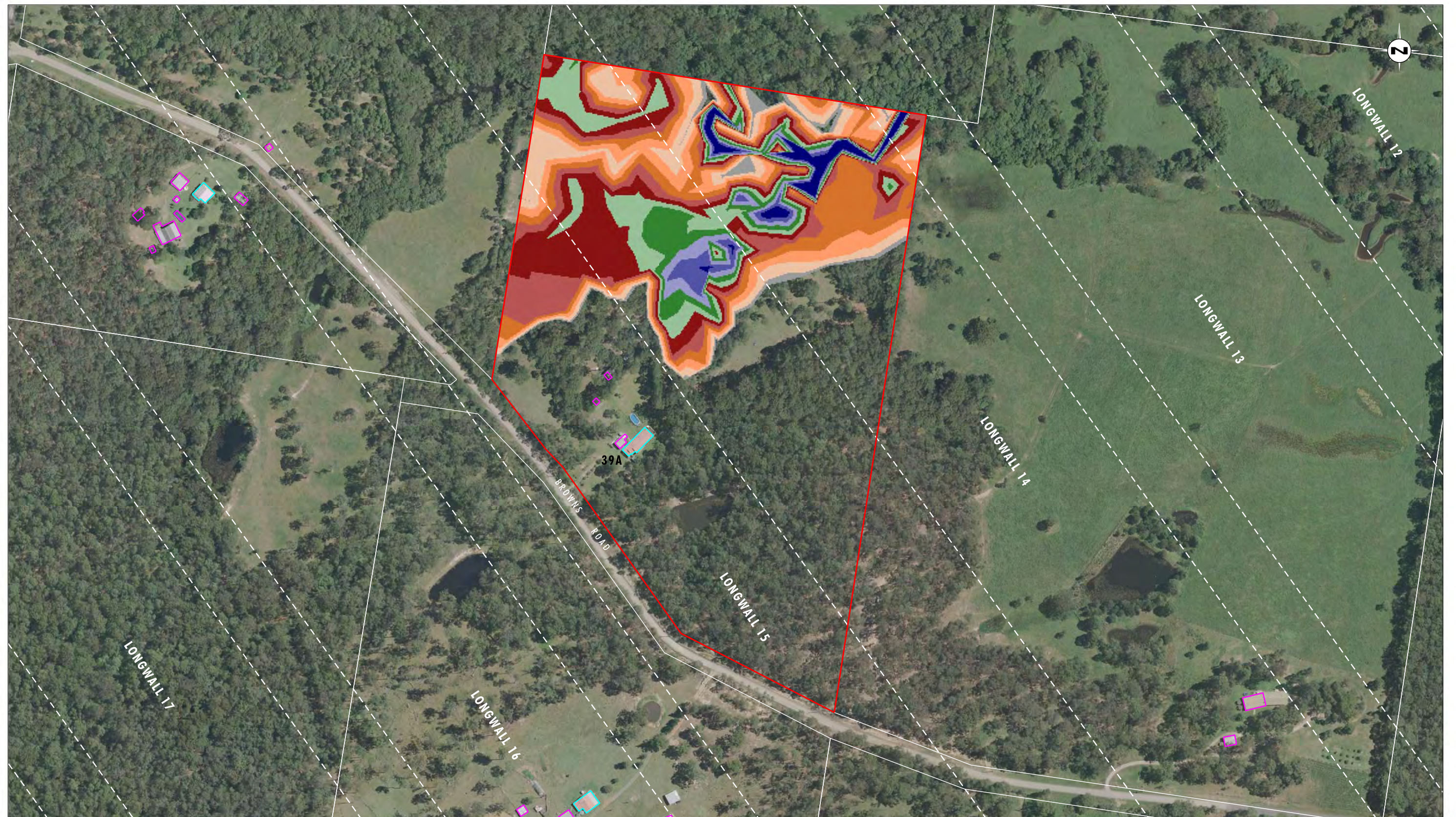


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 150m
1:3000 (A3)

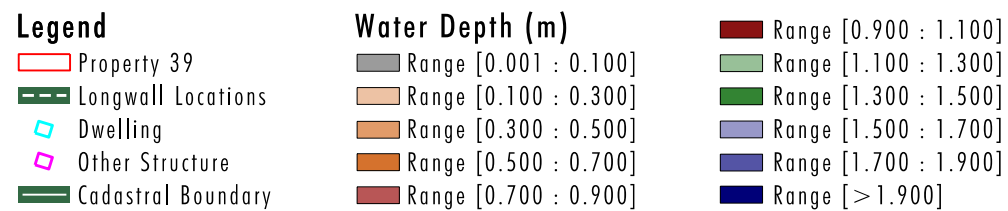
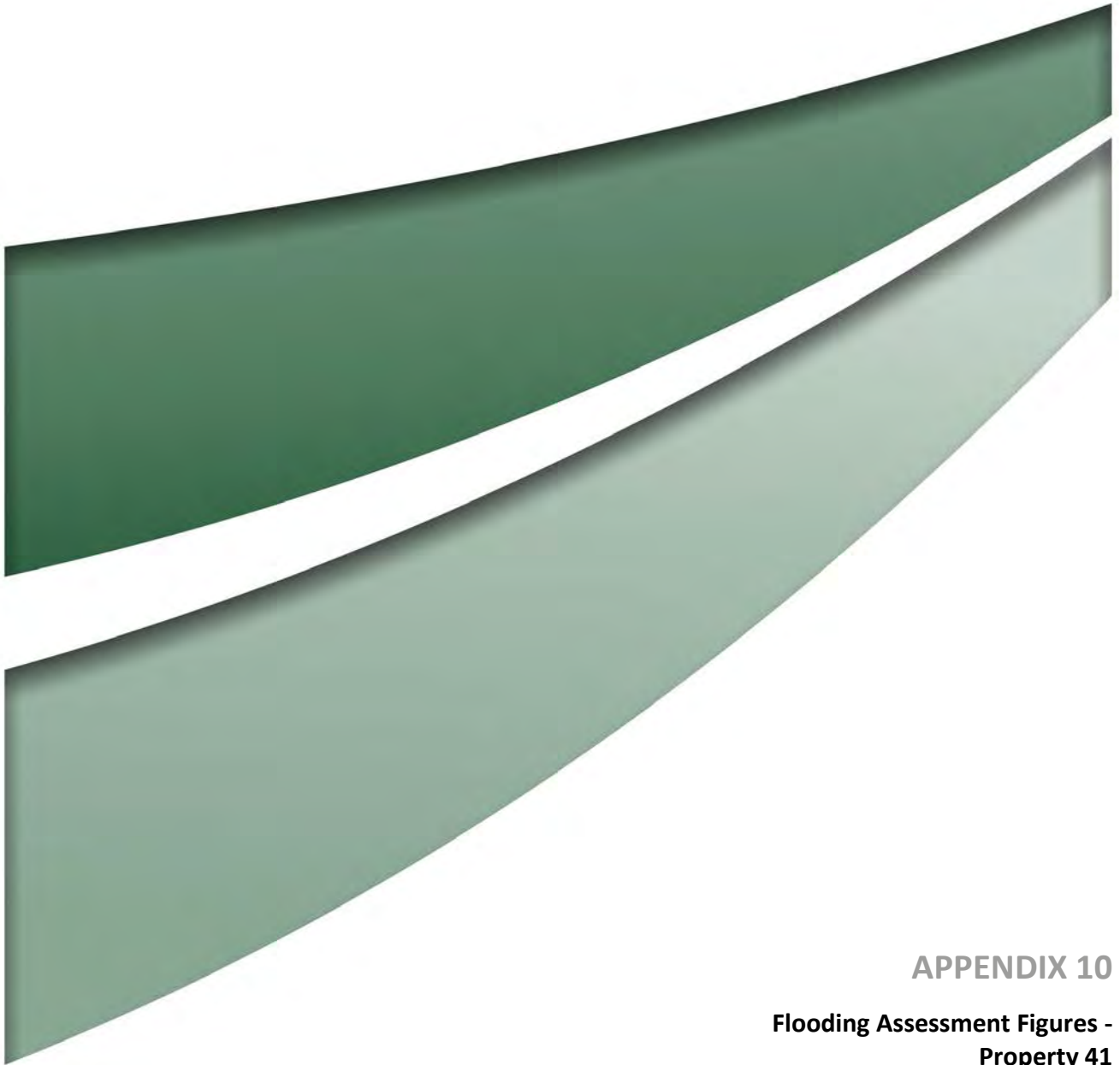


FIGURE 4

Property 39 - 1 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)



APPENDIX 10

**Flooding Assessment Figures -
Property 41**

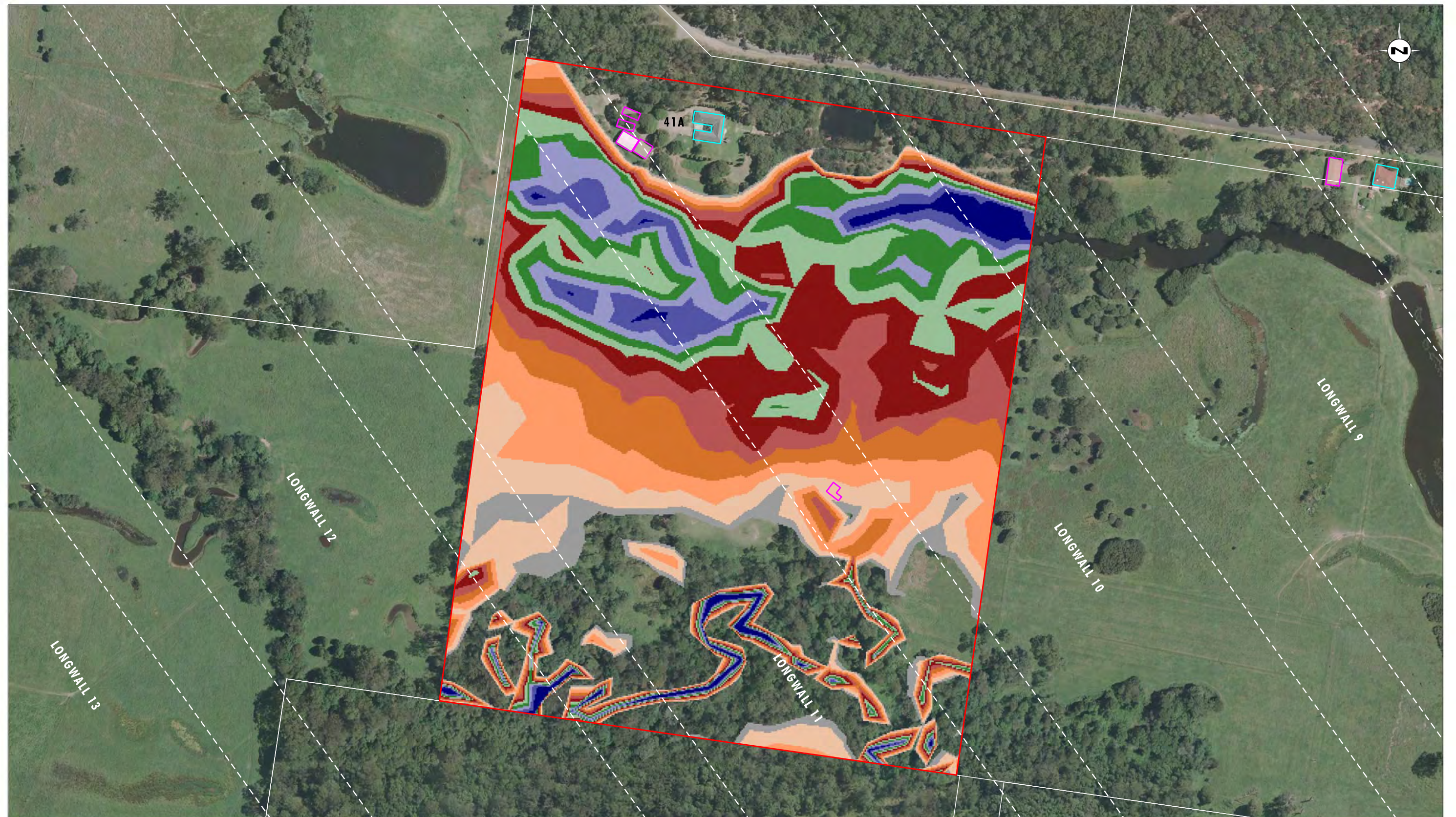


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

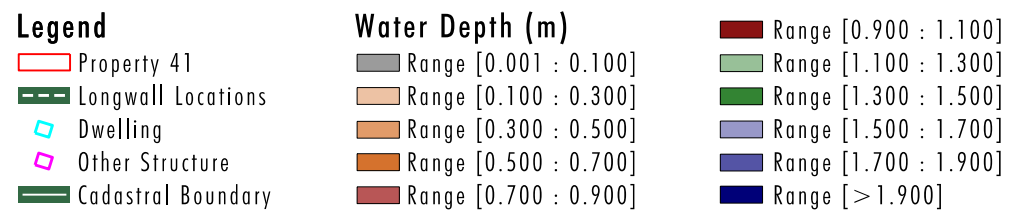


FIGURE 1

Property 41 - 100 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

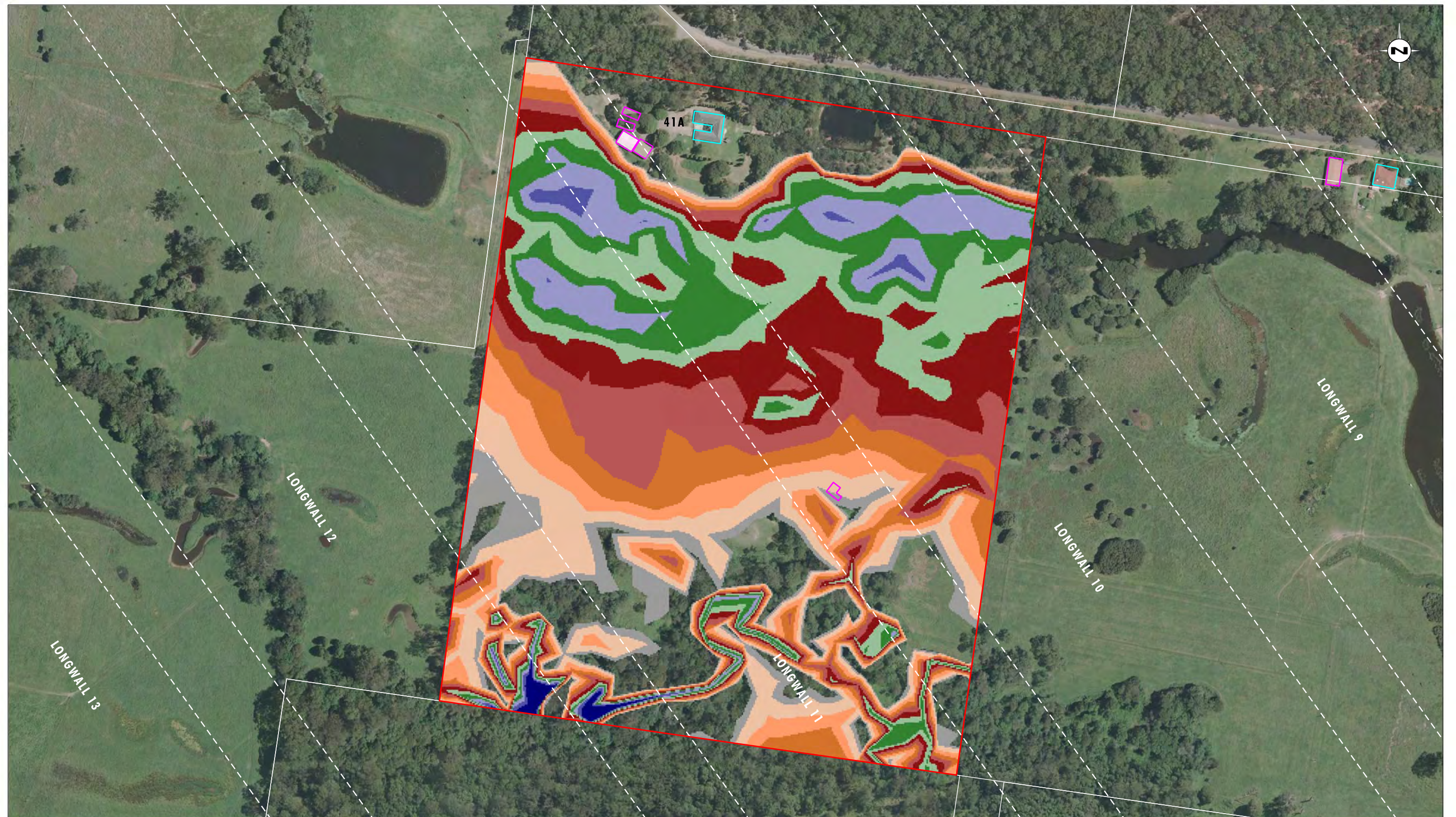


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

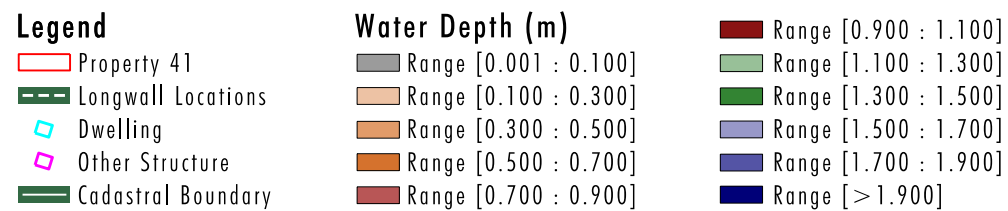


FIGURE 2

Property 41 - 100 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)

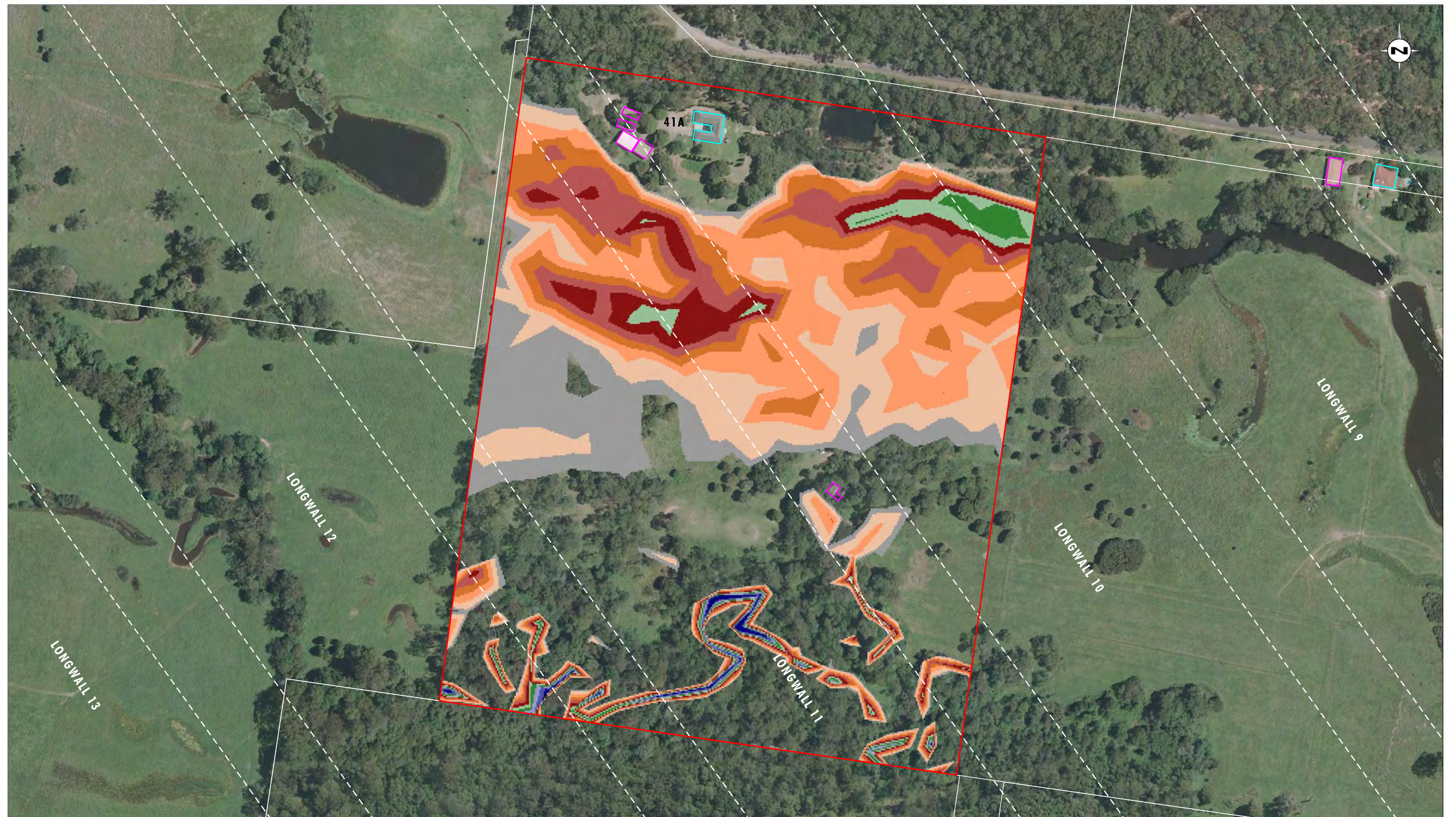


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend		
 Property 41	 Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 Longwall Locations	 Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 Dwelling	 Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 Other Structure	 Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 Cadastral Boundary	 Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [> 1.900]

FIGURE 3

Property 41 - 1 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

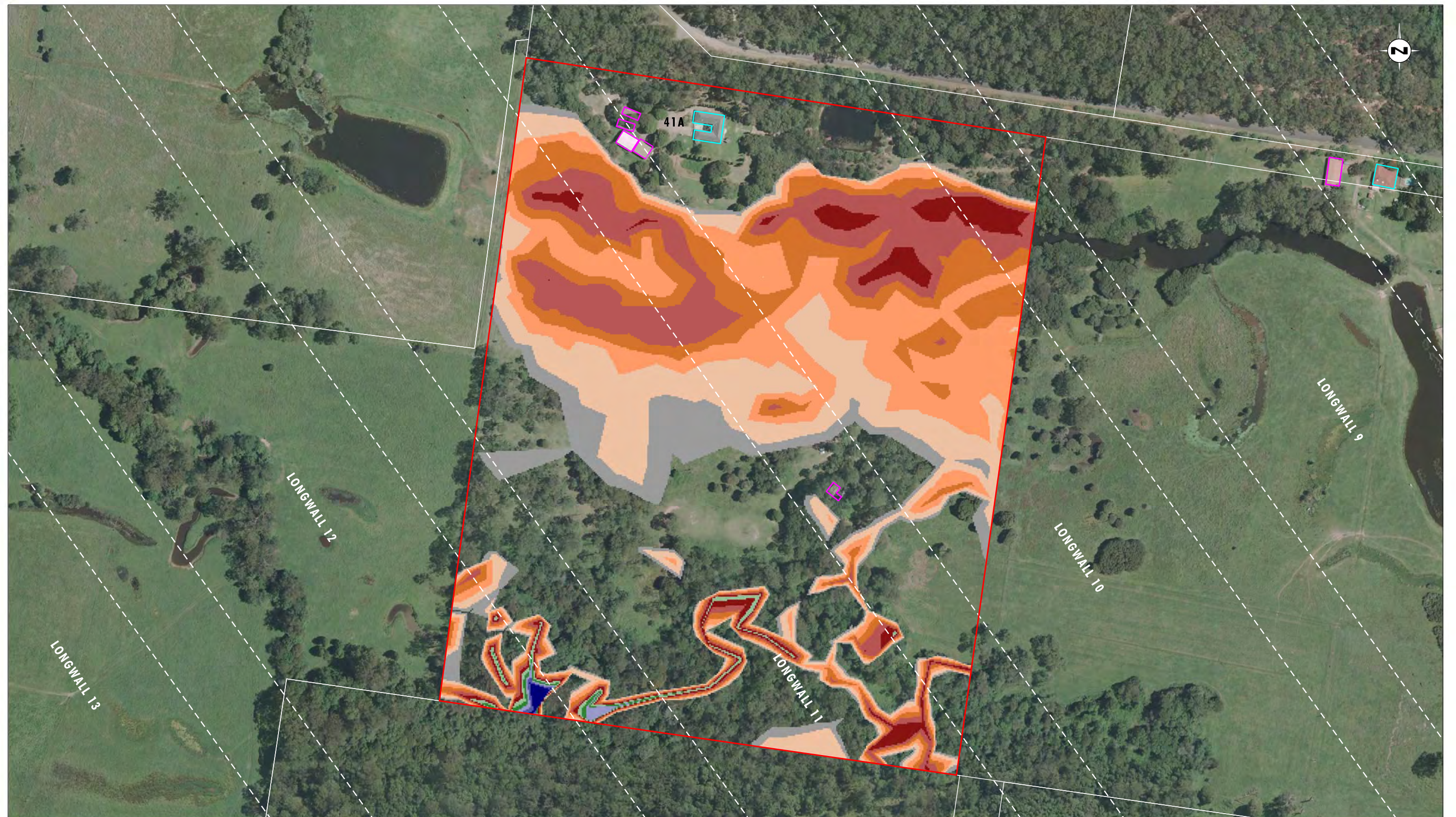


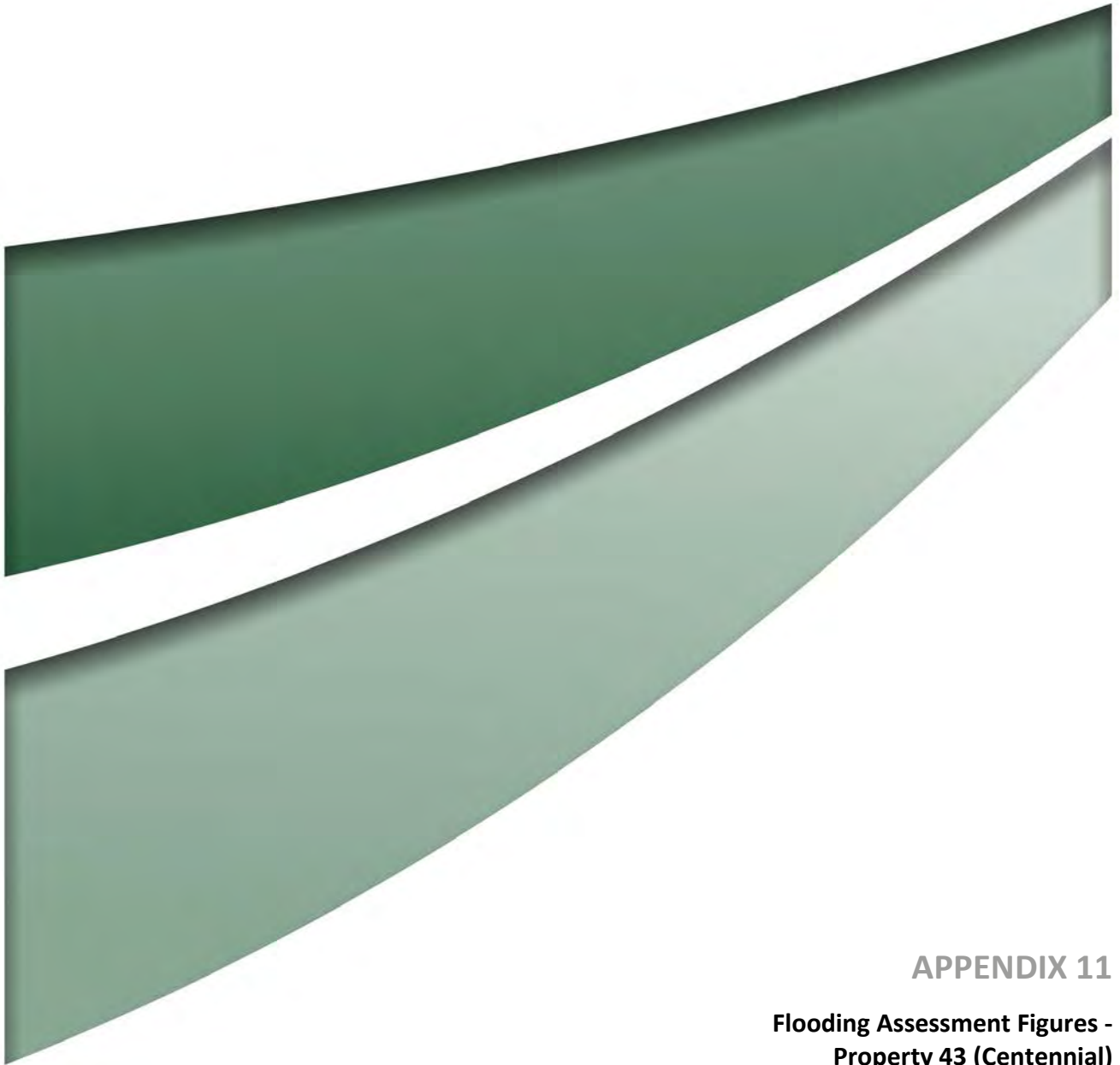
Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend		Water Depth (m)	
	Property 41		Range [0.001 : 0.100]
	Longwall Locations		Range [0.100 : 0.300]
	Dwelling		Range [0.300 : 0.500]
	Other Structure		Range [0.500 : 0.700]
	Cadastral Boundary		Range [0.700 : 0.900]
			Range [0.900 : 1.100]
			Range [1.100 : 1.300]
			Range [1.300 : 1.500]
			Range [1.500 : 1.700]
			Range [1.700 : 1.900]
			Range [> 1.900]

FIGURE 4

Property 41 - 1 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)



APPENDIX 11

**Flooding Assessment Figures -
Property 43 (Centennial)**

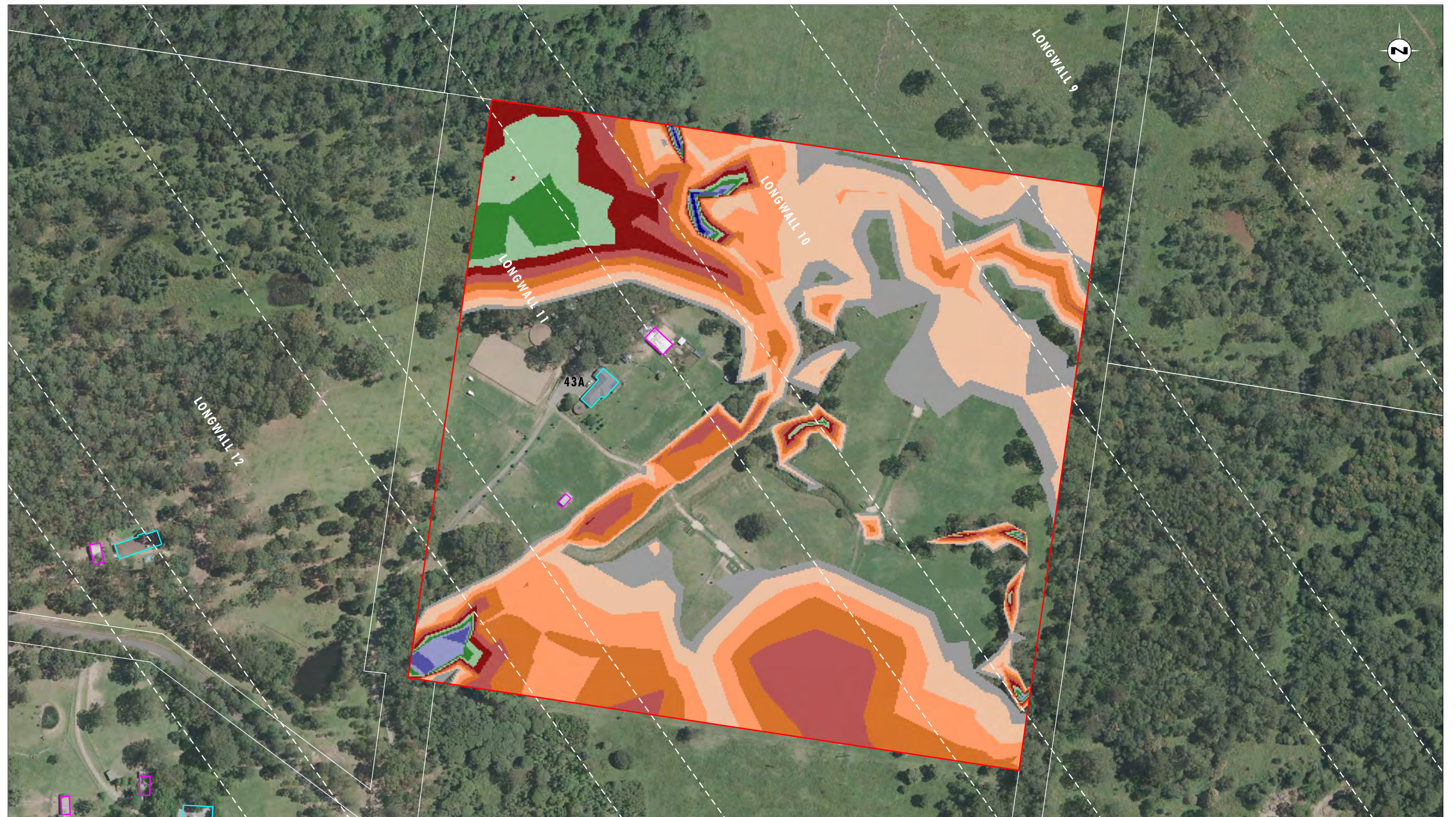


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend		
 Property 43	 Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 Longwall Locations	 Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 Dwelling	 Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 Other Structure	 Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 Cadastral Boundary	 Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [> 1.900]

FIGURE 1

Property 43 - 100 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

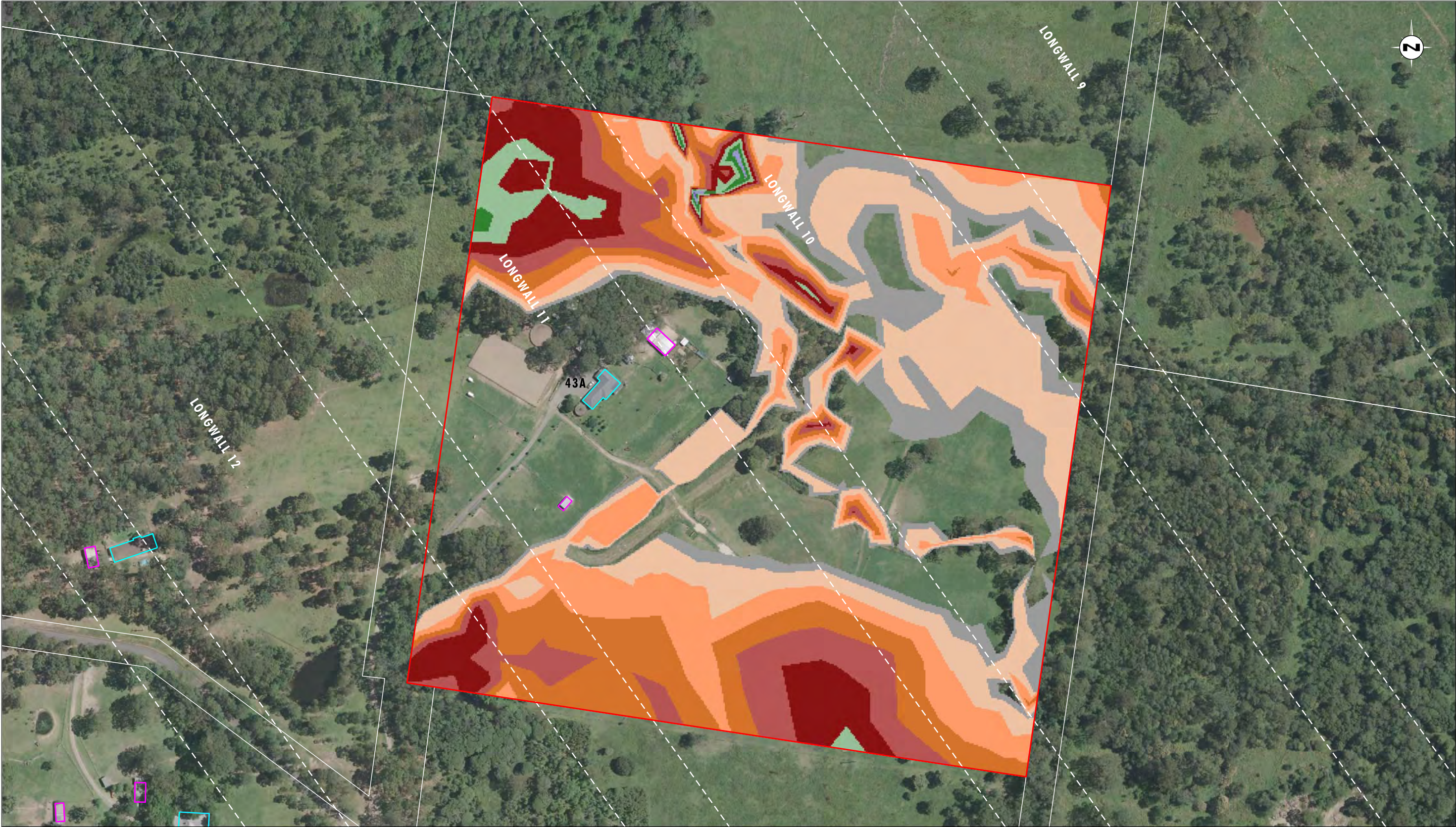


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend

- Property 43
- Longwall Locations
- Dwelling
- Other Structure
- Cadastral Boundary

Water Depth (m)

- Range [0.001 : 0.100]
- Range [0.100 : 0.300]
- Range [0.300 : 0.500]
- Range [0.500 : 0.700]
- Range [0.700 : 0.900]

- Range [0.900 : 1.100]
- Range [1.100 : 1.300]
- Range [1.300 : 1.500]
- Range [1.500 : 1.700]
- Range [1.700 : 1.900]
- Range [> 1.900]

FIGURE 2

Property 43 - 100 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)

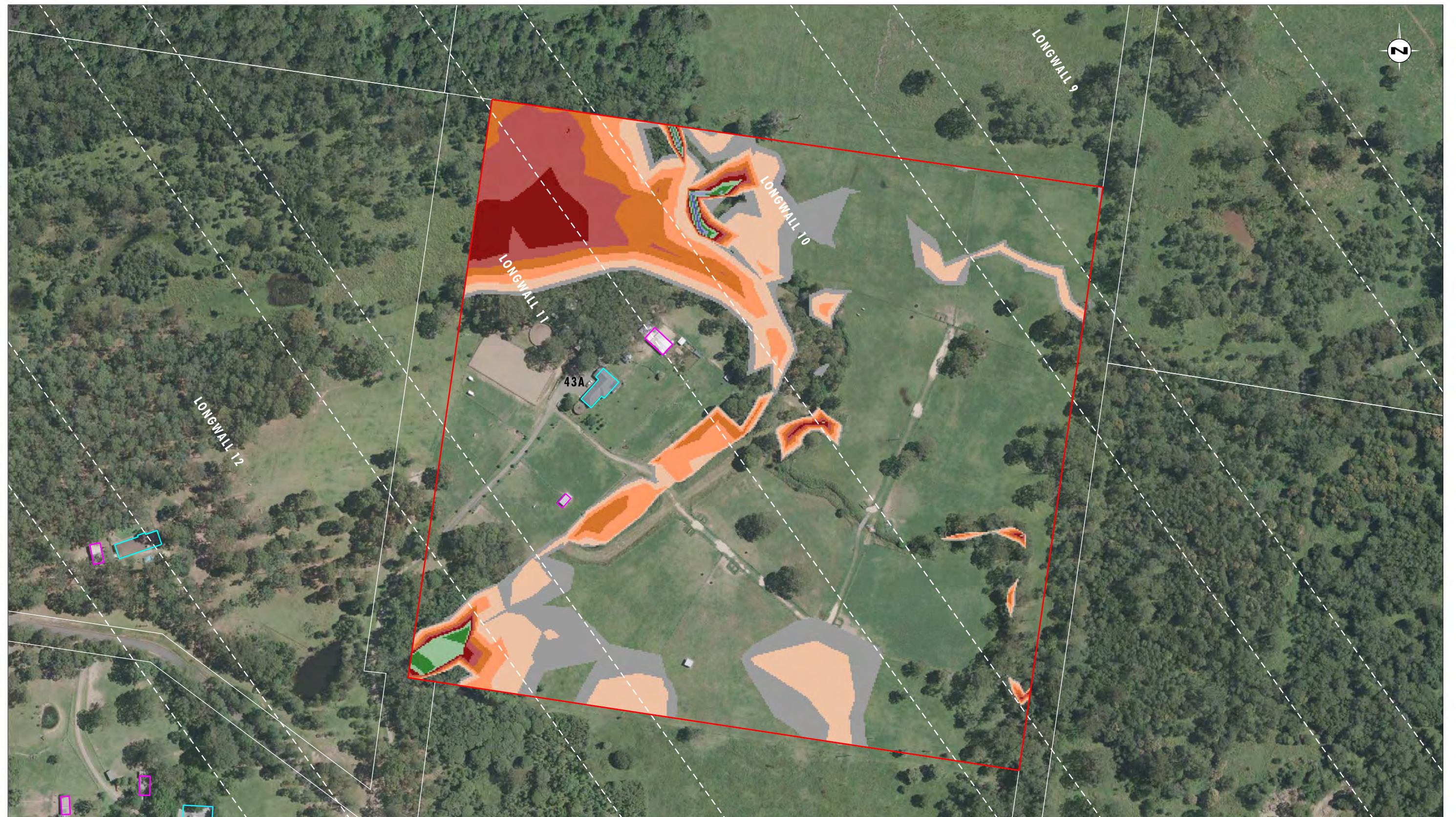


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend		
 Property 43	 Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 Longwall Locations	 Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 Dwelling	 Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 Other Structure	 Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 Cadastral Boundary	 Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [>1.900]

FIGURE 3

Property 43 - 1 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform



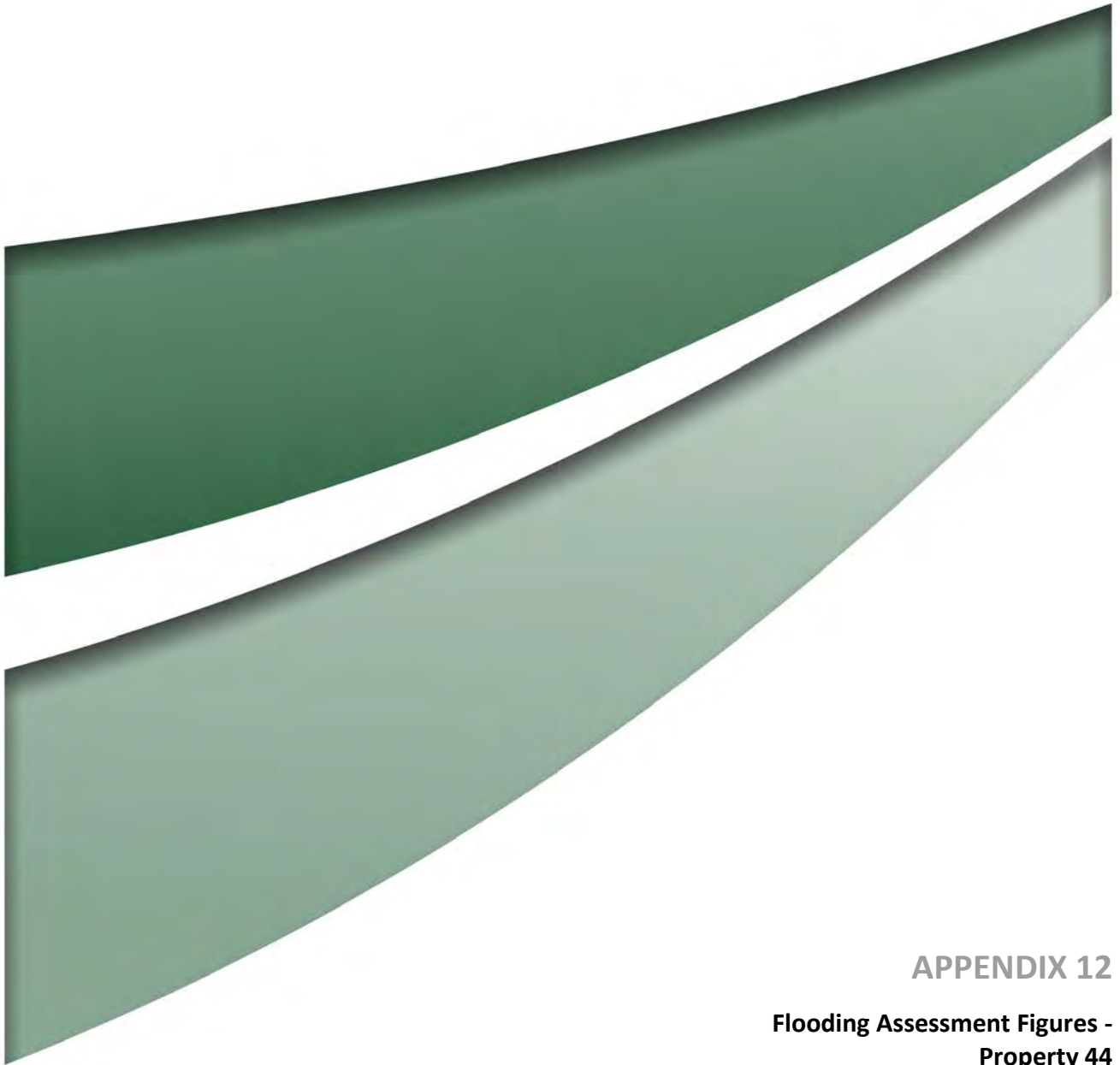
Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend		
 Property 43	 Range [0.001 : 0.100]	 Range [0.900 : 1.100]
 Longwall Locations	 Range [0.100 : 0.300]	 Range [1.100 : 1.300]
 Dwelling	 Range [0.300 : 0.500]	 Range [1.300 : 1.500]
 Other Structure	 Range [0.500 : 0.700]	 Range [1.500 : 1.700]
 Cadastral Boundary	 Range [0.700 : 0.900]	 Range [1.700 : 1.900]
		 Range [> 1.900]

FIGURE 4

Property 43 - 1 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)



APPENDIX 12

**Flooding Assessment Figures -
Property 44**

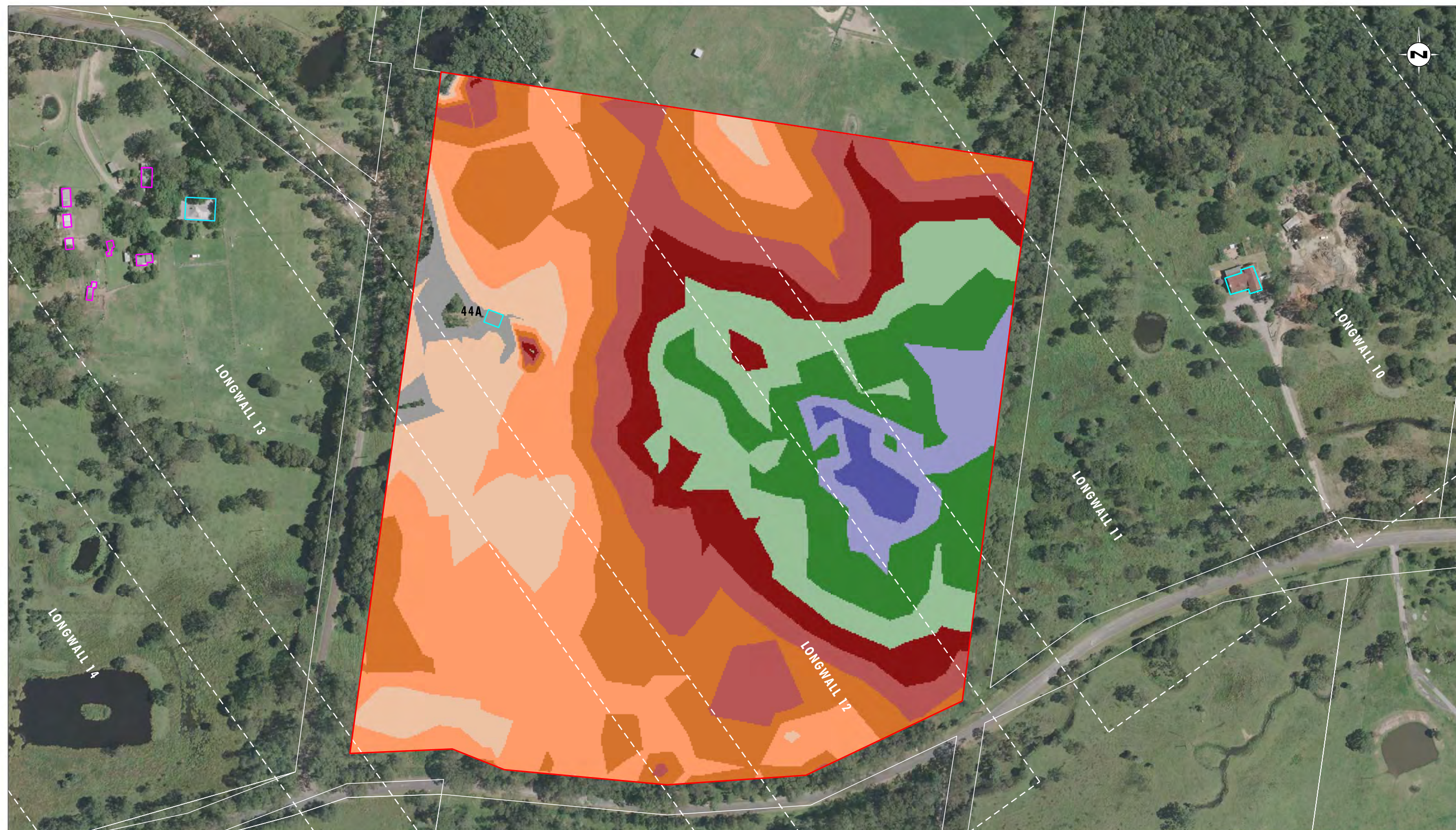


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend		
 	Property 44	
 	Longwall Locations	
 	Dwelling	
 	Other Structure	
 	Cadastral Boundary	
Water Depth (m)		
 	Range [0.001 : 0.100]	 Range [1.100 : 1.300]
 	Range [0.100 : 0.300]	 Range [1.300 : 1.500]
 	Range [0.300 : 0.500]	 Range [1.500 : 1.700]
 	Range [0.500 : 0.700]	 Range [1.700 : 1.900]
 	Range [0.700 : 0.900]	 Range [> 1.900]

FIGURE 1

Property 44 - 100 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

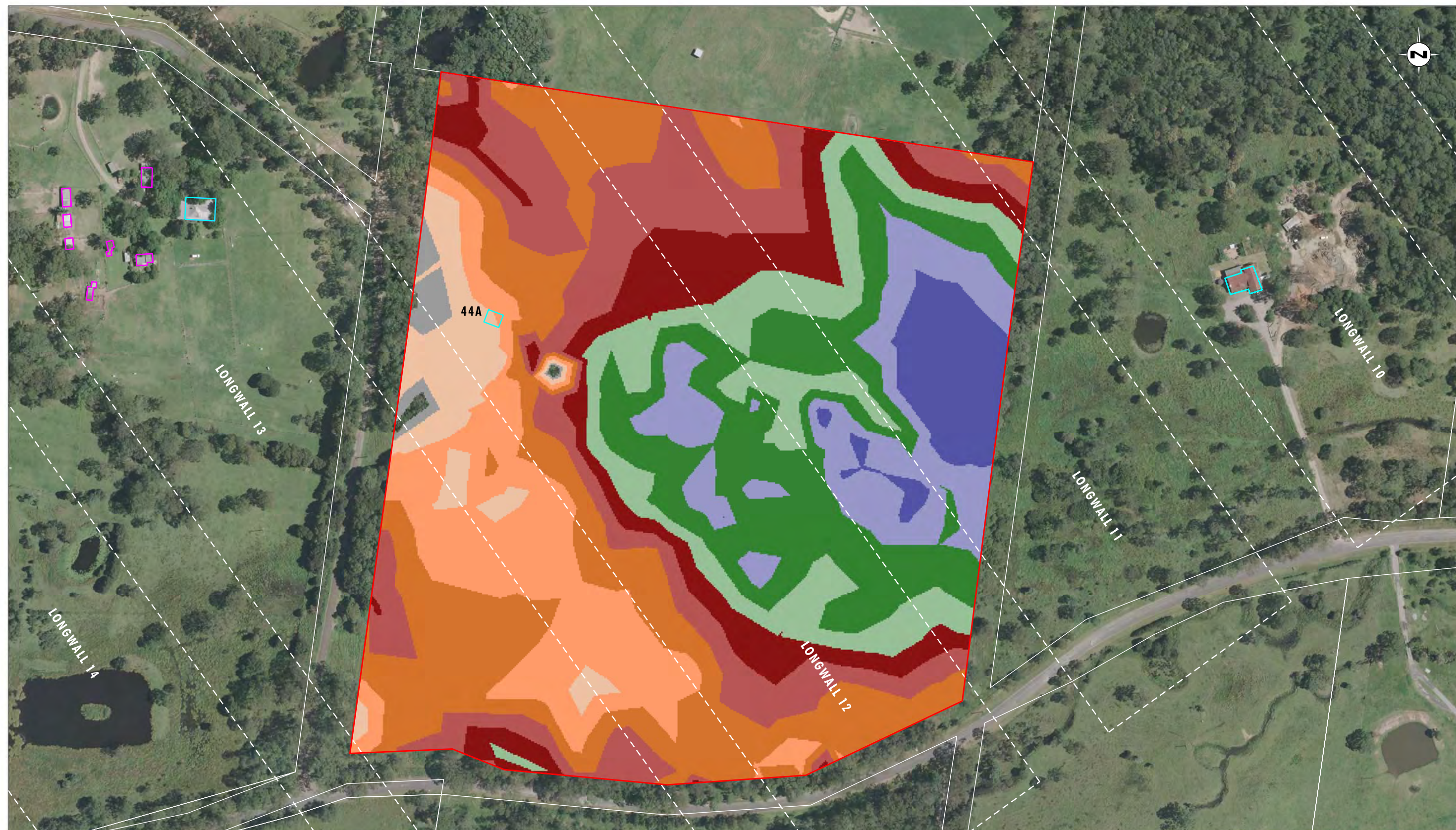


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

Legend

- Property 44
- Longwall Locations
- Dwelling
- Other Structure
- Cadastral Boundary

Water Depth (m)

- | | |
|--|--|
| Range [0.001 : 0.100] | Range [1.100 : 1.300] |
| Range [0.100 : 0.300] | Range [1.300 : 1.500] |
| Range [0.300 : 0.500] | Range [1.500 : 1.700] |
| Range [0.500 : 0.700] | Range [1.700 : 1.900] |
| Range [0.700 : 0.900] | Range [> 1.900] |

FIGURE 2

Property 44 - 100 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Logwall 23)



Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
 Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries
 Note: Flood Hazard shown for access and dwellings only

0 50 100 125 m
 1:2500 (A3)

- | Legend | |
|---|---|
| Property 43 | Low Hazard - Unclassified hazard |
| Longwall Locations | Low Hazard - Vehicles unstable |
| Dwelling | High Hazard - Wading unsafe |
| Other Structure | High Hazard - Damage to light structures |
| Cadastral Boundary | |

FIGURE 3

Property 44 - 100 year ARI Storm Event:
 Maximum Flood Hazard Categories Pre Mining Landform

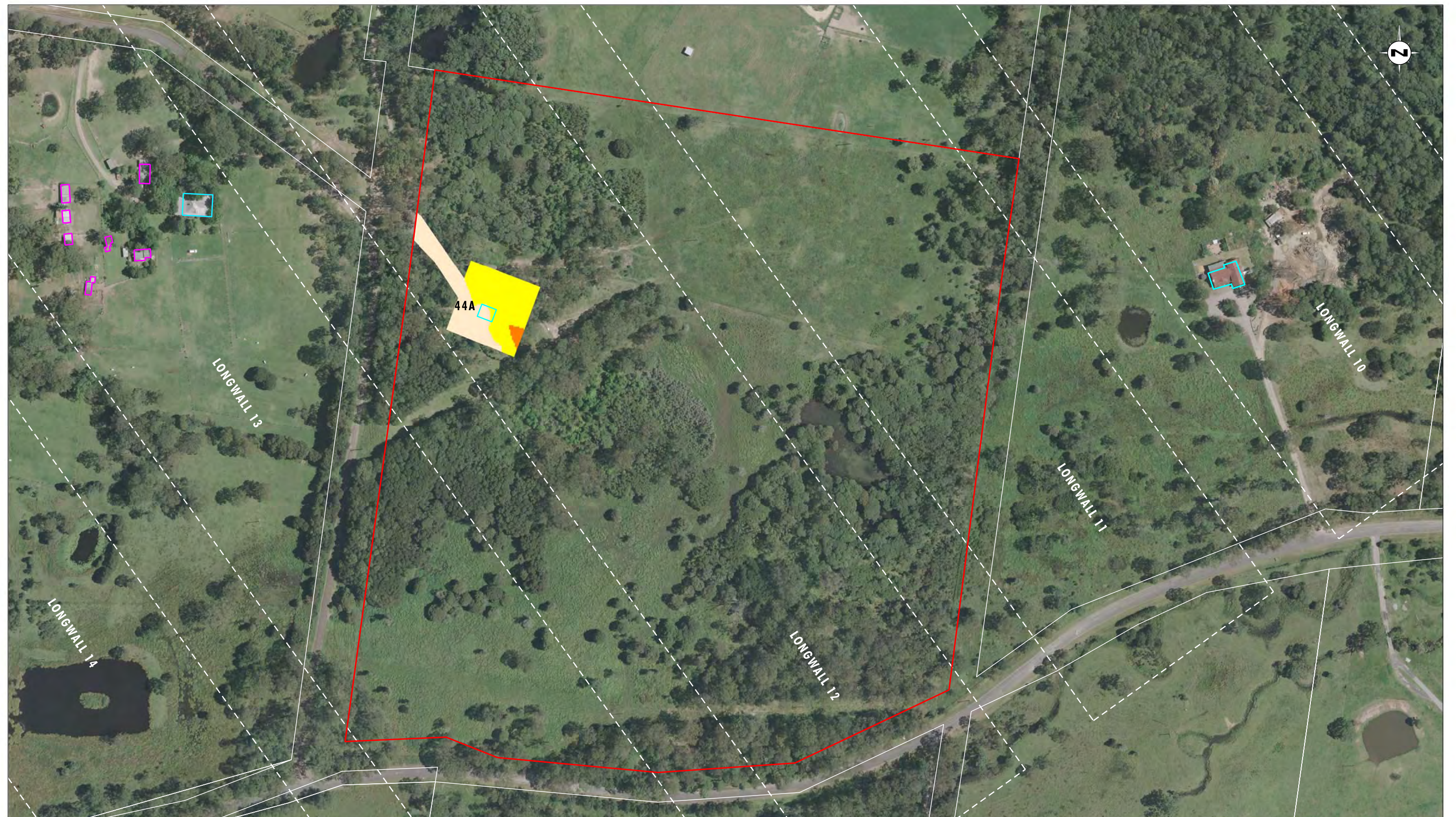


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
 Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries
 Note: Flood Hazard shown for access and dwellings only

- | | |
|---|--|
| Legend | Hazard Category |
| Property 43 | Low Hazard - Unclassified hazard |
| Longwall Locations | Low Hazard - Vehicles unstable |
| Dwelling | High Hazard - Wading unsafe |
| Other Structure | High Hazard - Damage to light structures |
| Cadastral Boundary | |

FIGURE 4
 Property 44 - 100 year ARI Storm Event:
 Maximum Flood Hazard Categories Post Mining Landform
 (to Longwall 23)

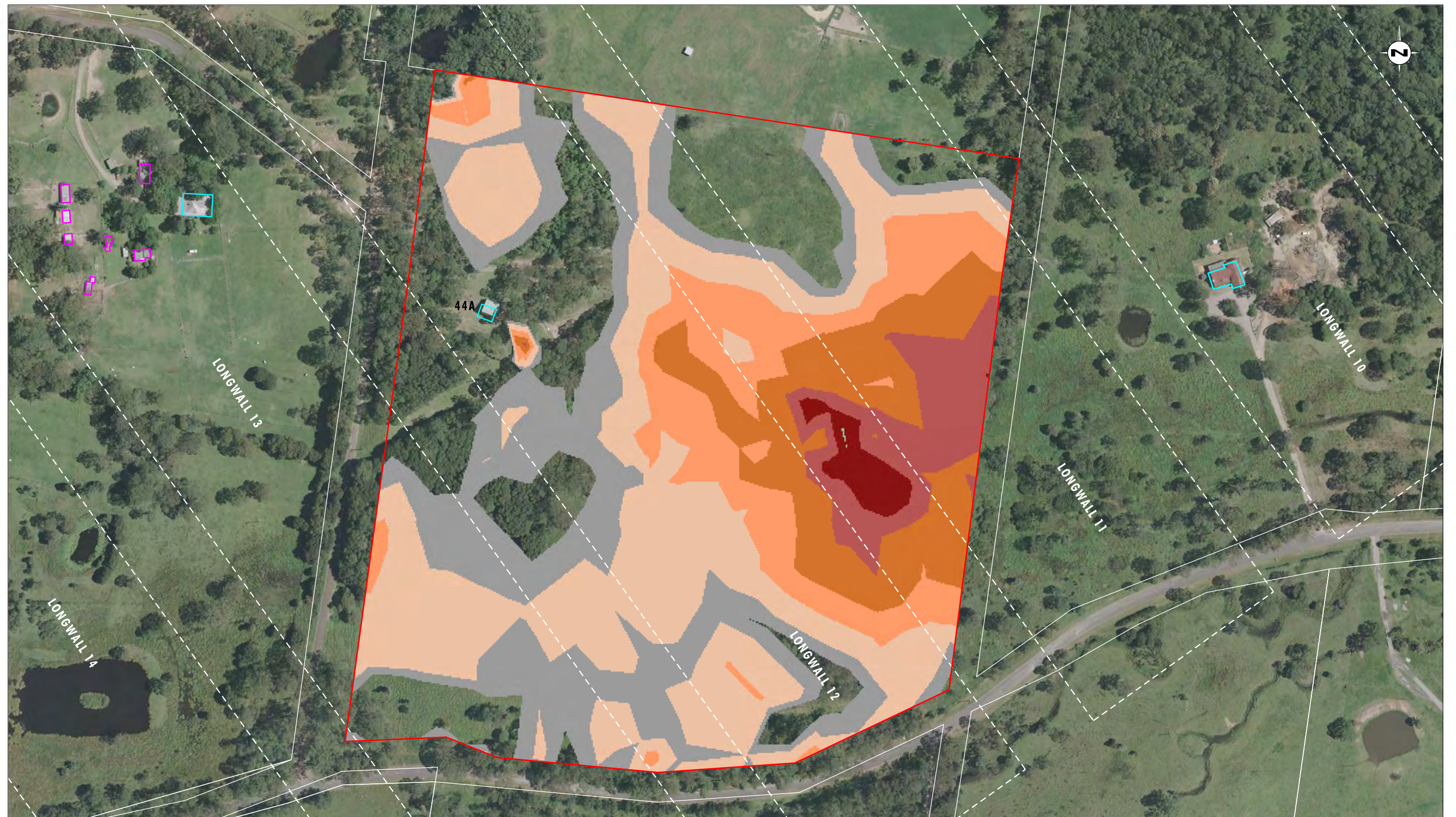


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

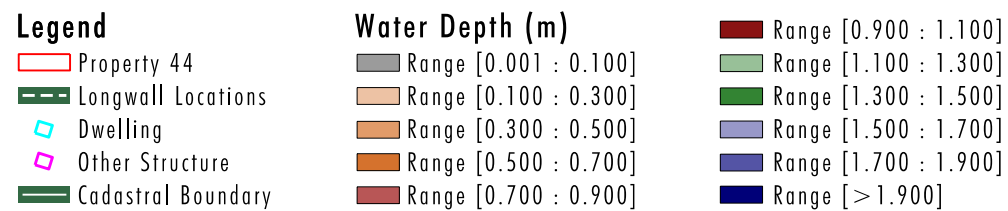


FIGURE 5

Property 44 - 1 year ARI Storm Event:
Maximum Flood Depth Pre Mining Landform

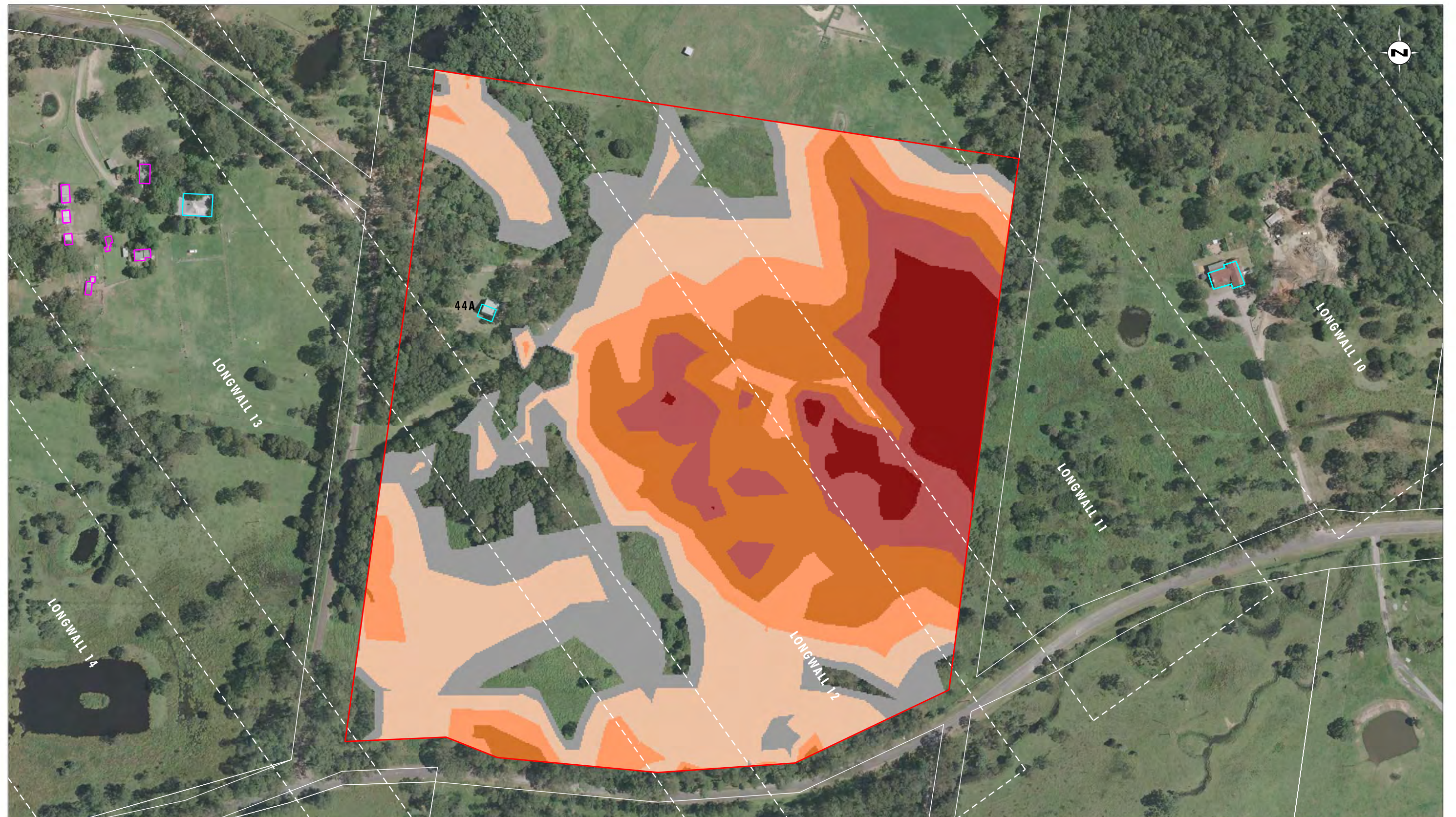


Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries

0 50 100 125 m
1:2500 (A3)

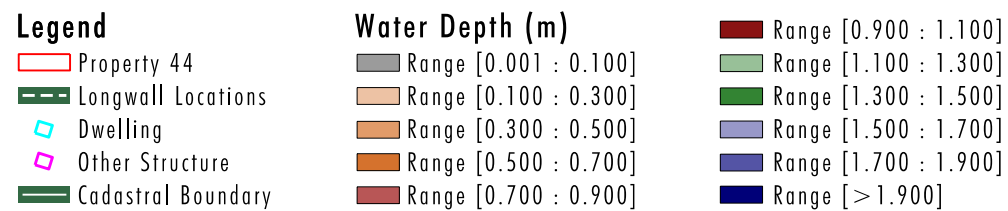


FIGURE 6

Property 44 - 1 year ARI Storm Event:
Maximum Flood Depth Post Mining Landform
(to Longwall 23)



Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
 Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries
 Note: Flood Hazard shown for access and dwellings only

0 50 100 125 m
 1:2500 (A3)

- | Legend | |
|---|---|
| Property 43 | Low Hazard - Unclassified hazard |
| Longwall Locations | Low Hazard - Vehicles unstable |
| Dwelling | High Hazard - Wading unsafe |
| Other Structure | High Hazard - Damage to light structures |
| Cadastral Boundary | |

FIGURE 7

Property 44 - 1 year ARI Storm Event:
 Maximum Flood Hazard Categories Pre Mining Landform



Image Source: Centennial Mandalong Pty Ltd (2009) - Aerial Photograph
 Data Source: Centennial Mandalong Pty Ltd, LPI - Cadastral Boundaries
 Note: Flood Hazard shown for access and dwellings only

Legend	
 Property 43	 Low Hazard - Unclassified hazard
 Longwall Locations	 Low Hazard - Vehicles unstable
 Dwelling	 High Hazard - Wading unsafe
 Other Structure	 High Hazard - Damage to light structures
 Cadastral Boundary	

FIGURE 8
 Property 44 - 1 year ARI Storm Event:
 Maximum Flood Hazard Categories Post Mining Landform
 (to Longwall 23)