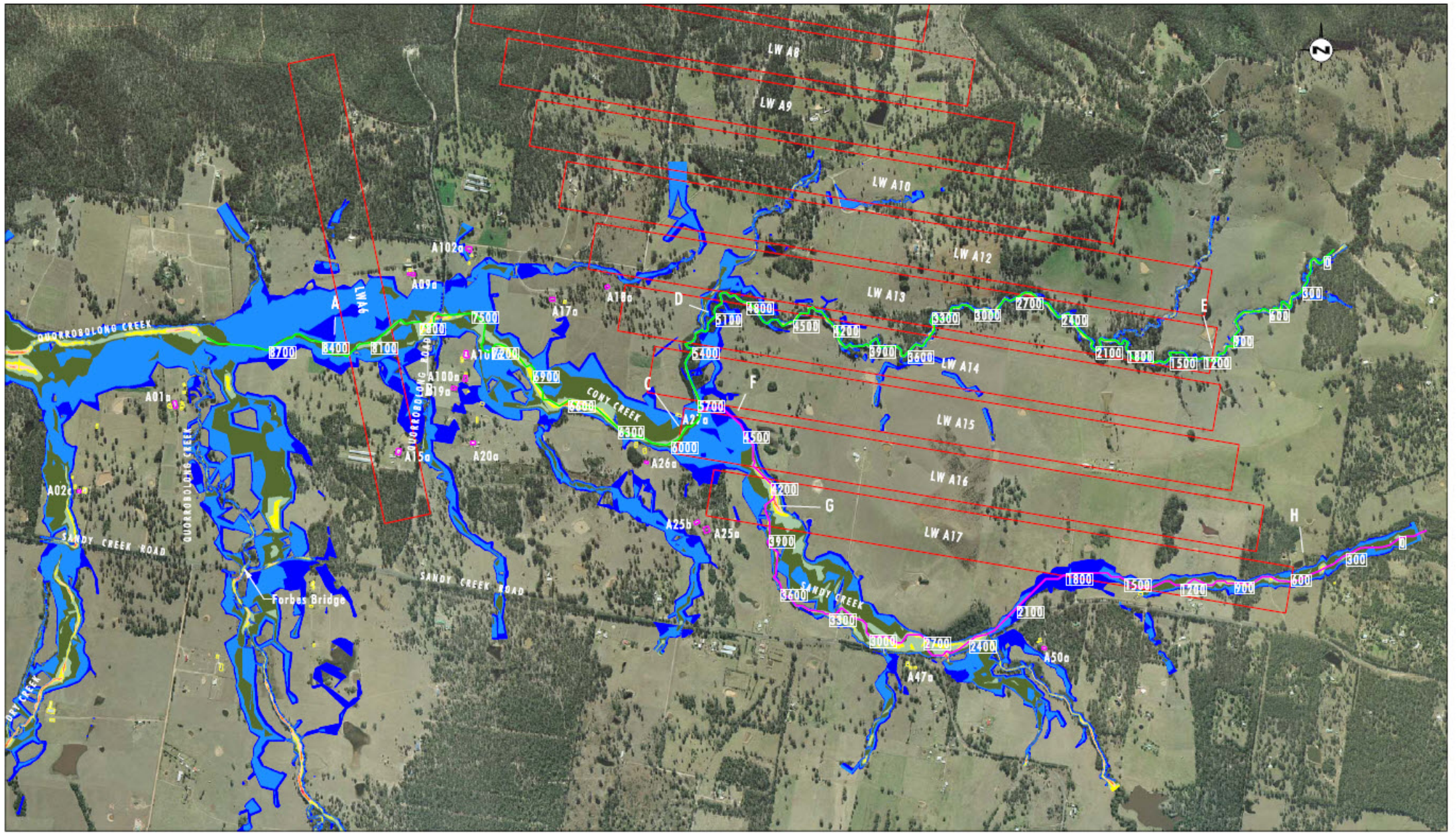


Source: Longwall Layout: Astar Coal Mine, Aerial Photography: AAM Hatch 2006
 Note: Dwellings only shown for flood model extent

0 300 600 900m
 1:18 000



FIGURE 8.3
 100 year ARI Storm: Maximum Water Depths
 - Predicted Subsidence



Source: Longwall Layout: Auster Coal Mine, Aerial Photography: AAM Hatch 2006
 Note: Dwellings only shown for flood model extent

0 300 600 900m
 1:18 000

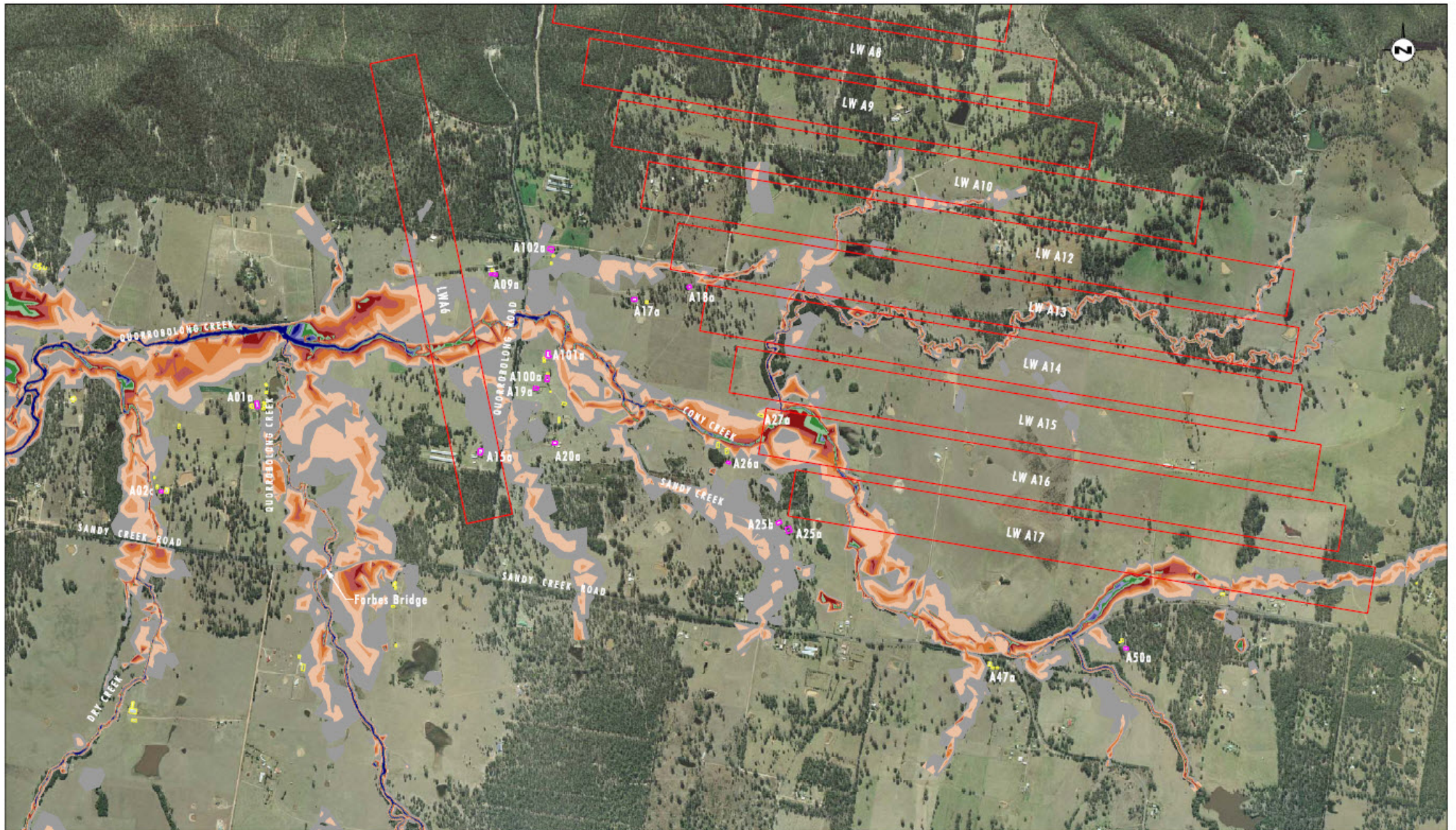
Legend

- Conceptual Layout for Stage 3 Longwall Panels
- Building
- Dwelling
- A01a Dwelling Reference Number
- Longsection 1
- Longsection 2
- 1000 Longsection Chainage

Velocity (m/s)

 Range [0.100 : 0.250]	 Range [1.250 : 1.500]
 Range [0.250 : 0.500]	 Range [1.500 : 1.750]
 Range [0.500 : 0.750]	 Range [1.750 : 2.000]
 Range [0.750 : 1.000]	 Range [2.000 : 2.250]
 Range [1.000 : 1.250]	 Range [2.250 : 3.500]

FIGURE 8.4
 100 year ARI Storm: Maximum Water Velocities
 - Predicted Subsidence



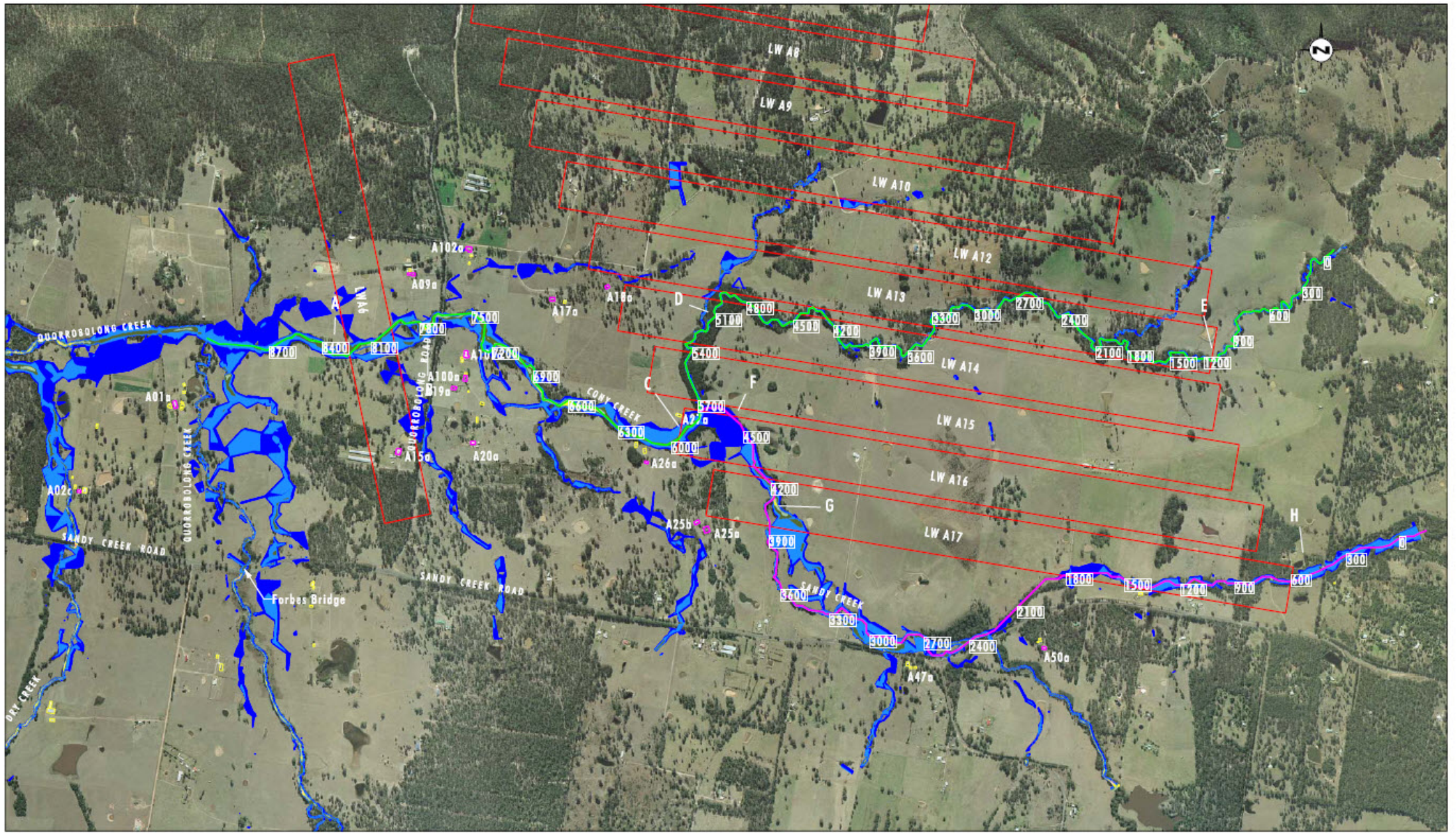
Source: Longwall Layout: Astar Coal Mine, Aerial Photography: AAM Hatch 2006
 Note: Dwellings only shown for flood model extent

0 300 600 900m
 1:18 000



FIGURE 8.5

1 year ARI Storm: Maximum Water Depths
 - Predicted Subsidence



Source: Longwell Layout: Auster Coal Mine, Aerial Photography: AAM Hatch 2006
 Note: Dwellings only shown for flood model extent

0 300 600 900m
 1:18 000

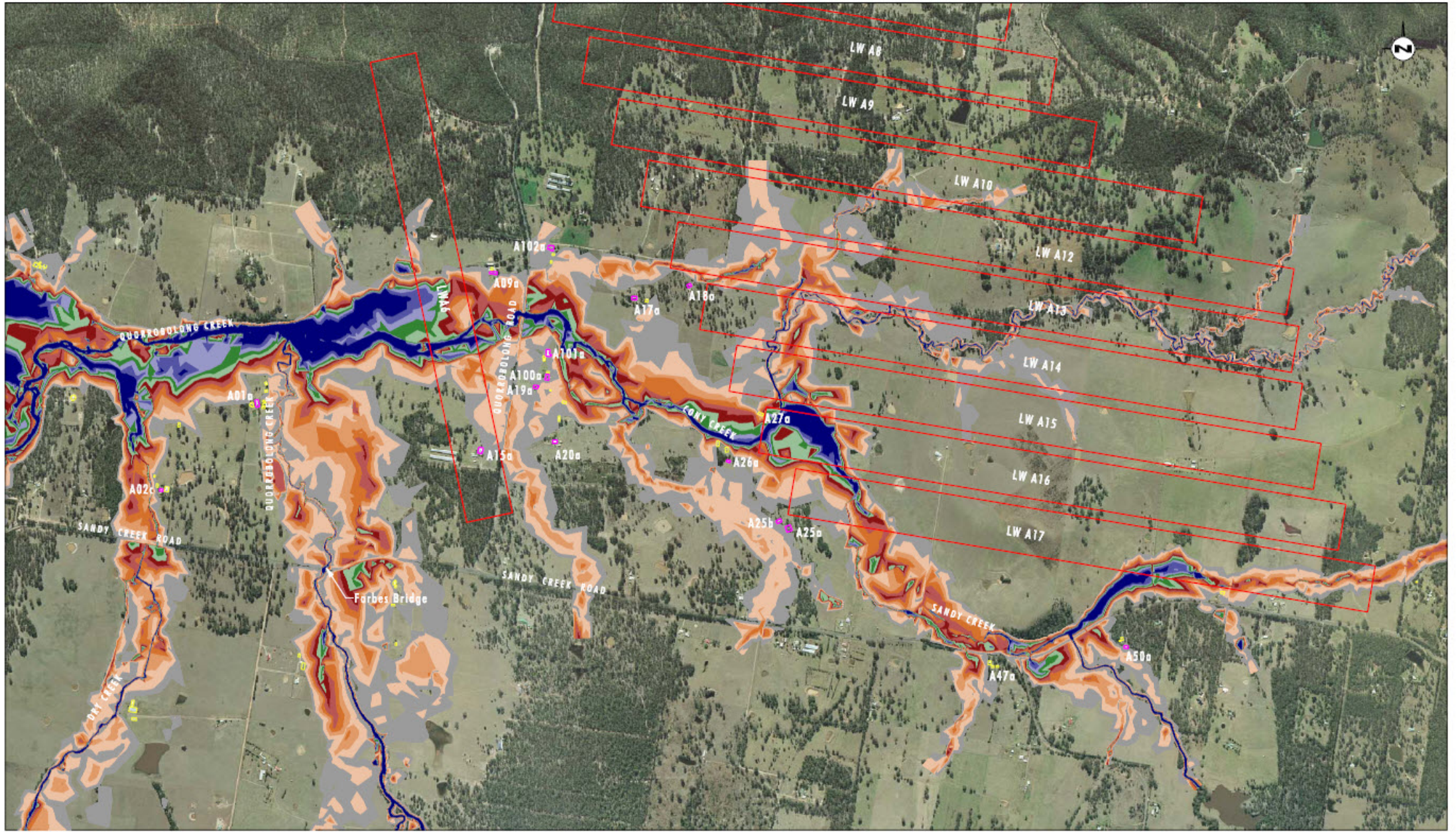
Legend

- Conceptual Layout for Stage 3 Longwell Panels
- Building
- Dwelling
- A01a Dwelling Reference Number
- Longsection 1
- Longsection 2
- 1000 Longsection Chainage

Velocity (m/s)

 Range [0.100 : 0.250]	 Range [1.250 : 1.500]
 Range [0.250 : 0.500]	 Range [1.500 : 1.750]
 Range [0.500 : 0.750]	 Range [1.750 : 2.000]
 Range [0.750 : 1.000]	 Range [2.000 : 2.250]
 Range [1.000 : 1.250]	 Range [2.250 : 3.500]

FIGURE 8.6
 1 year ARI Storm: Maximum Water Velocities
 - Predicted Subsidence



Source: Longwall Layout: Astar Coal Mine, Aerial Photography: AAM Hatch 2006

Note: Dwellings only shown for flood model extent

0 300 600 900m
1:18 000



FIGURE 8.7
100 year ARI Storm: Maximum Water Depths
- Upper Bound Subsidence