Appendix B

Regional Geology

List of Figures

Figure 1 -- Surficial extent of mapped subsidence

Figure 2 -- Timeline of bord and pillar workings at Westfalen No 3

Figure 3 -- Collingwood Park subsidence monitoring

Figure 4 -- Collingwood Park subsidence contours and possible location of faults
Figure 1
Surficial extent of Mapped Subsidence, April 2008

Legend
- Subsidence zone - 30 April 2006
- Major cracks - May 2006
- Survey monitoring point
- Faults
  from Moreton Geotechnical Services,
  Duncan & Photogrammetric Study
- Property boundary

0 100 200 meters
Figure 2
Timeline of Bord and Pillar Workings at Westfalen No 3
Figure 3
Collingwood Park Subsidence Monitoring
Duncan Street - Indicative Subsidence Contours - 09/07/08

Duncan Street:
Initial Event - Fil needles early 26/04/2006

Map Notes
Inclined Subsidence Contours (Figure 3) - Indicative Subsidence Contours (ODER)
Based on - Differential Monitoring Data (06/07/2009 to 09/07/2008)
Survey data from site
26/04/2006 to 09/07/2008
Data collection and analysis - using surveying equipment
Note: Contour intervals denote cumulative subsidence
Baseline data
- ODER in survey property boundaries
Source: ASRA

Baseline:
Extension from CSSP survey points along the southern ends of Duncan Street
between Collingwood Park and "Baloneys Court".
Baseline Data of Accumulative Subsidence vs Time -
Based on - CSSP (2009) baseline survey in Duncan Street and subsidence
Assumptions
Baseline (CSSP) survey data to 19/07/2008
Baseline Longitudinal Subsidence Section -
Based on - 06/07/2008 accumulative subsidence at baseline mark
Assumptions
Baseline (CSSP) survey data to 19/07/2008
Baseline Longitudinal Subsidence Section -
Based on - 06/07/2008 accumulative subsidence at baseline mark
Assumptions
Baseline (CSSP) survey data to 19/07/2008

Subsidence monitoring contour (m)

100' meter