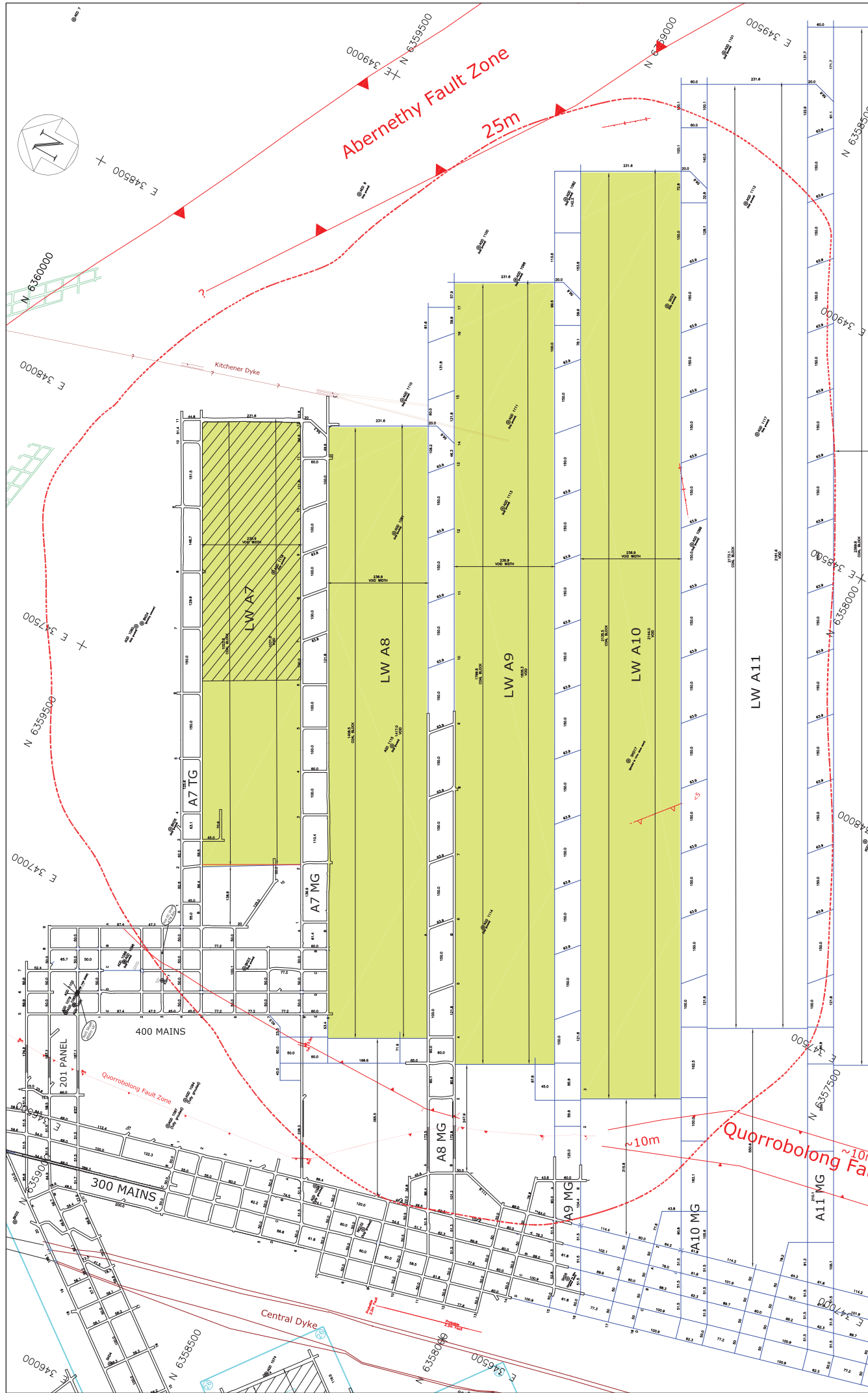
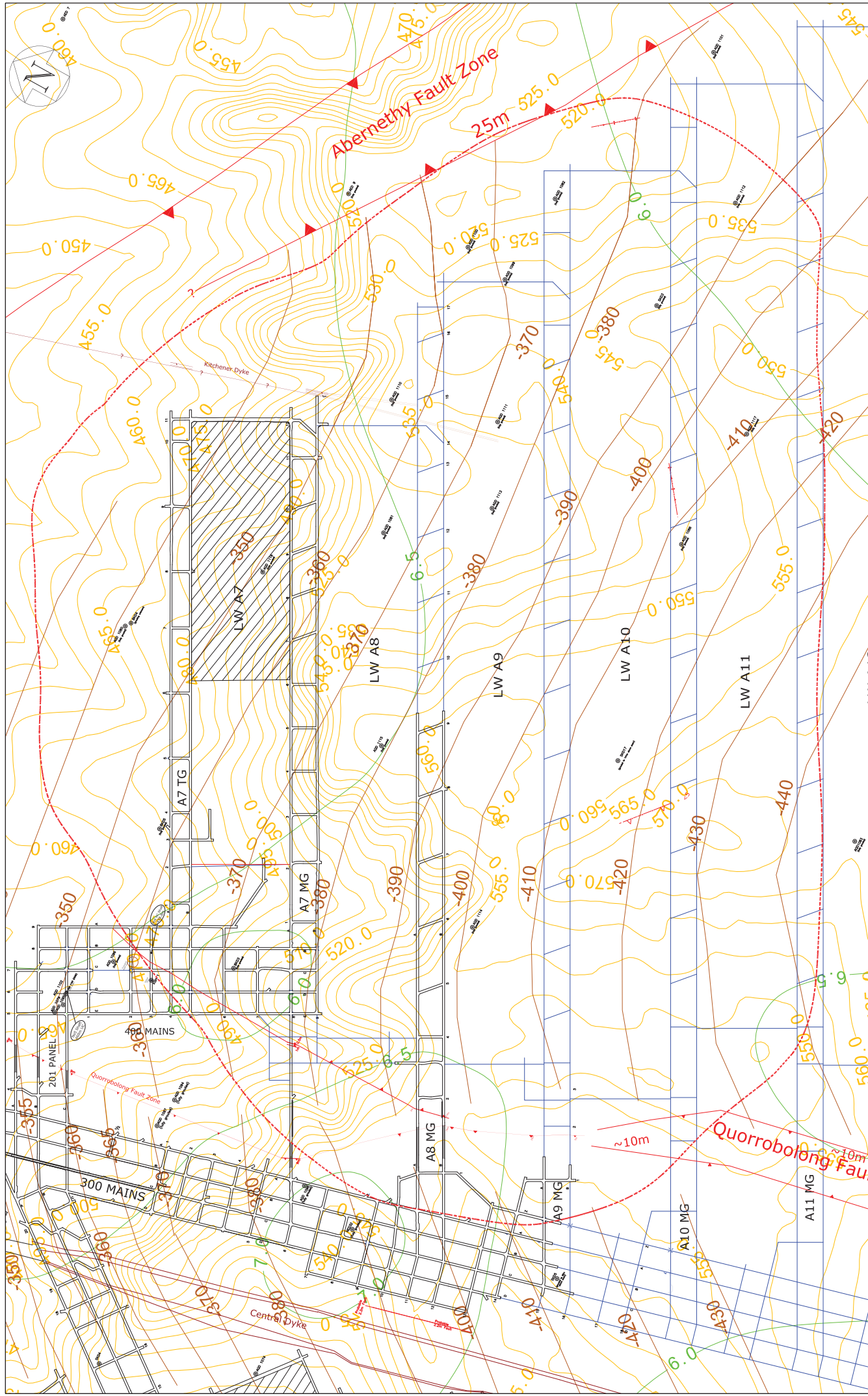




		LEGEND PREVIOUSLY APPROVED APPLICATION AREAS PROPOSED WORKINGS SHOWING ROADWAY CENTRE DIMENSIONS EXISTING WORKINGS		SMP APPLICATION AREA LONGWALL EXTRACTION AREA LONGWALL EXTRACTED AREA		DRAWN REVISION DATE: 23/10/2013 CHECKED APPROVED		AUSTAR COAL MINE YANCOAL AUSTRALIA PTY LTD	
						TITLE LONGWALL A7-A10 SMP APPLICATION EXISTING AND PROPOSED WORKINGS		SCALE 1:4000	
						REV 1		AUSTAR COALMINE	



LEGEND

- BOREHOLE
- OVERBURDEN THICKNESS ISOPACHS
- SEAM THICKNESS ISOPACHS
- EXPECTED STRUCTURES
- SEAM FLOOR CONTOURS
- PROPOSED WORKINGS

SCALE

0 250 500

ALL DIMENSIONS ARE IN METRES

AUSTAR COAL MINE

LONGWALL A7-A10 SMP APPLICATION

GEOLOGICAL & SEAM DATA

SCALE 1:4000

DRAWING No. SMP1303 - PLAN 3

REV 1

DRAWN D.JOLLIFFE

REVISION DATE: 23/10/2013

CHECKED

APPROVED

YANCOAL AUSTRALIA

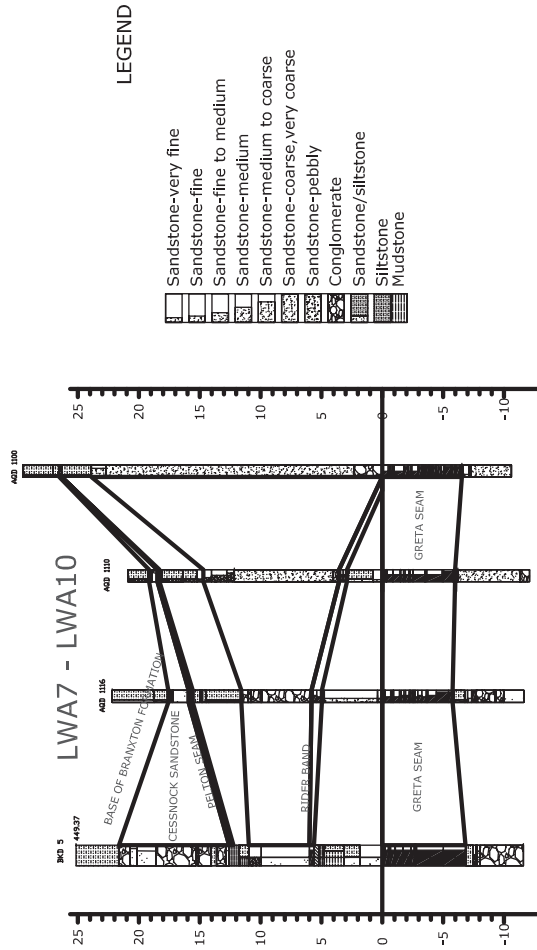
Pty Ltd

AUSTAR COALMINE

[illegible]

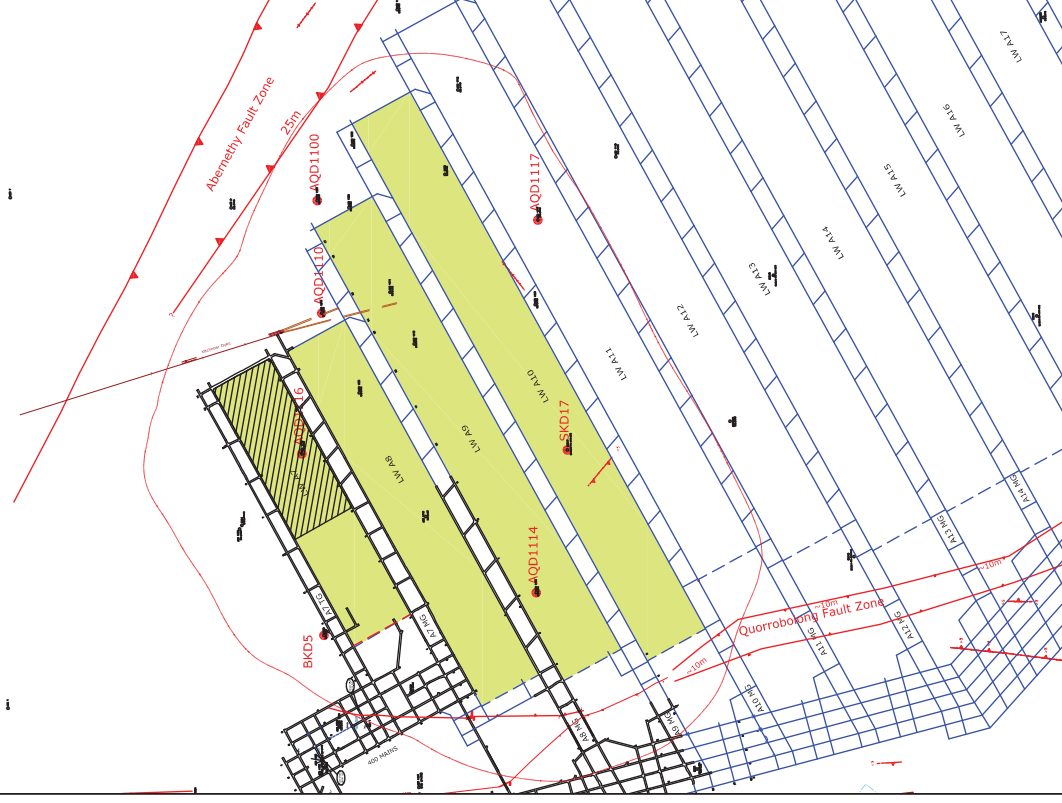
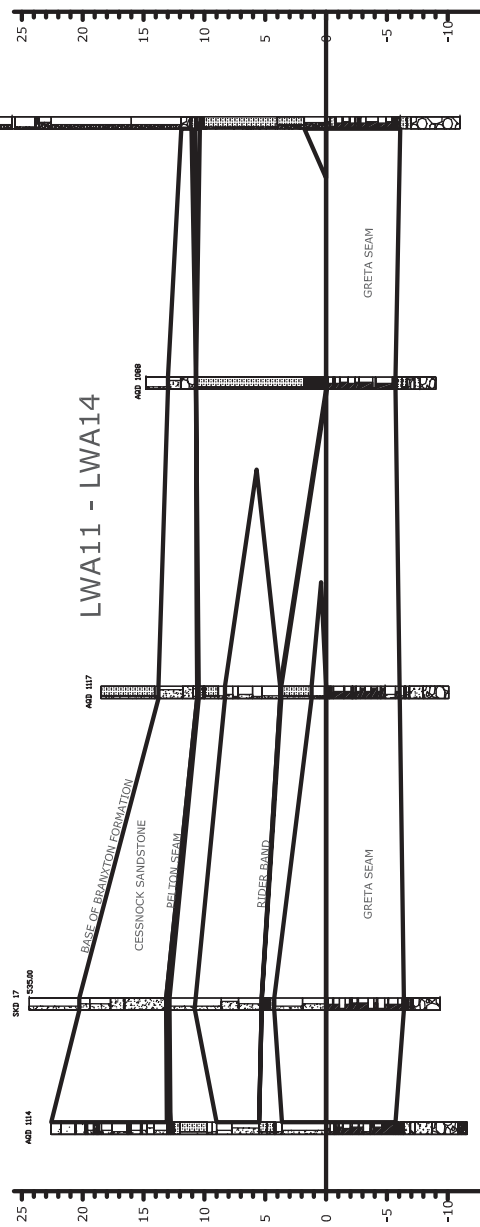
INDICATIVE ROOF STRATA

The remaining overburden (Branxton Formation) to the surface comprises fine-medium sandstone with minor silty and pebbly phases and minimal bedding partings. The top 100m becomes finer and siltier



LEGEND

- | | |
|-------------------------------|------------------------|
| Sandstone-very fine | Claystone |
| Sandstone-fine | Carbonaceous mudstone |
| Sandstone-fine to medium | Tuff |
| Sandstone-medium | Igneous |
| Sandstone-medium to coarse | Coal-dull stoney |
| Sandstone-coarse, very coarse | Coal-dull |
| Sandstone-pebbly | Coal-dull minor bright |
| Conglomerate | Coal-dull banded |
| Sandstone/siltstone | Coal-dull and bright |
| Siltstone | Coal-bright banded |
| Mudstone | Coal-bright |



D. JOLLIFFE		AUSTAR COAL MINE	
DATE	23/10/2013	LONGWALL A7-A10 SMP APPLICATION TYPICAL GEOLOGICAL SECT	
CHECKED			
APPROVED			
DRAWN			
SCALE	DO NOT SCALE	DRAWING No.	SMP 1306 - PLAN 6
REVISION			1



INFORMATION FROM CROSS SECTIONS AS SHOWN ABOVE ARE CONSIDERED BY P. KREMPIN (AUSTAR SNR MINE GEOLOGIST) TO BE REPRESENTATIVE OF THE LITHOLOGY ACROSS THE AREA .
LITHOLOGICAL UNITS HAVE BEEN INTERPRETED AND CORRELATED FROM THE BOREHOLES INDICATED ON THE CROSS SECTIONS AND THE ATTACHED PLAN



YANCOAL AUSTRALIA
PTY LTD

AUSTAR COAL MINE

LONGWALL A7-A10 SMP APPLICATION
AERIAL PHOTOGRAPH

SMPL307 - PLAN 7

1:4000

REV 1

D. JOLLIFFE

REVISION DATE:
23/10/2013

CHECKED

APPROVED

SCALE

1:4000

LEGEND

PROPOSED WORKINGS

EXISTING WORKINGS

SMP APPLICATION AREA

PREVIOUSLY APPROVED APPLICATION AREAS

SCALE

0

250

500

AUSTAR COALMINE