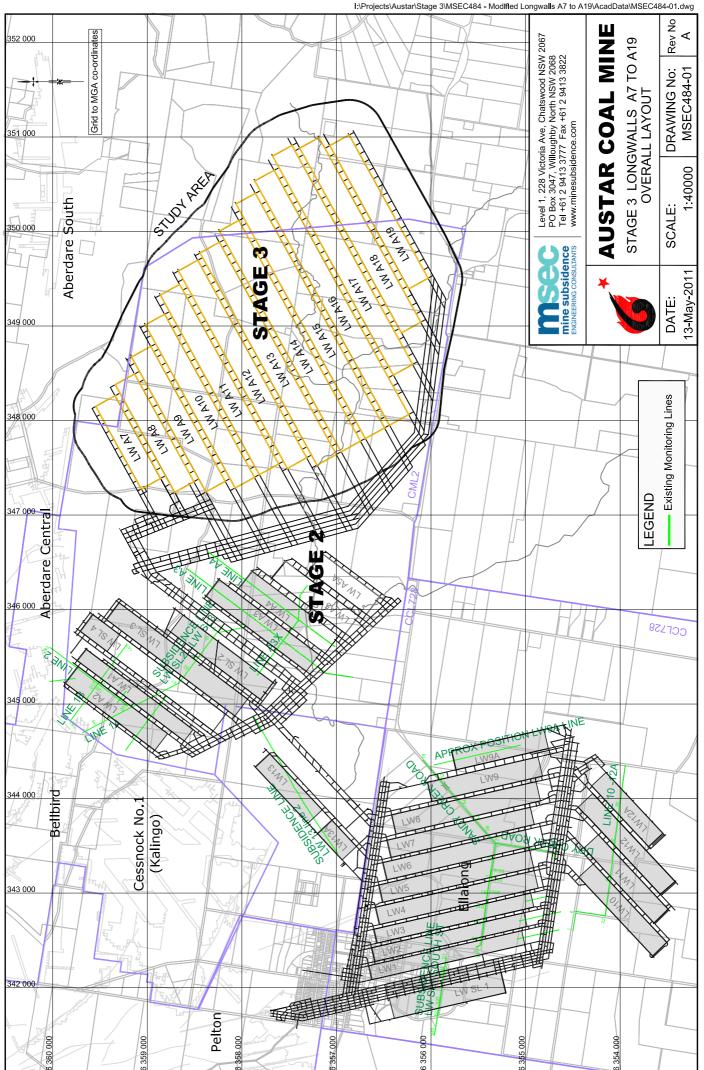
APPENDIX G. DRAWINGS





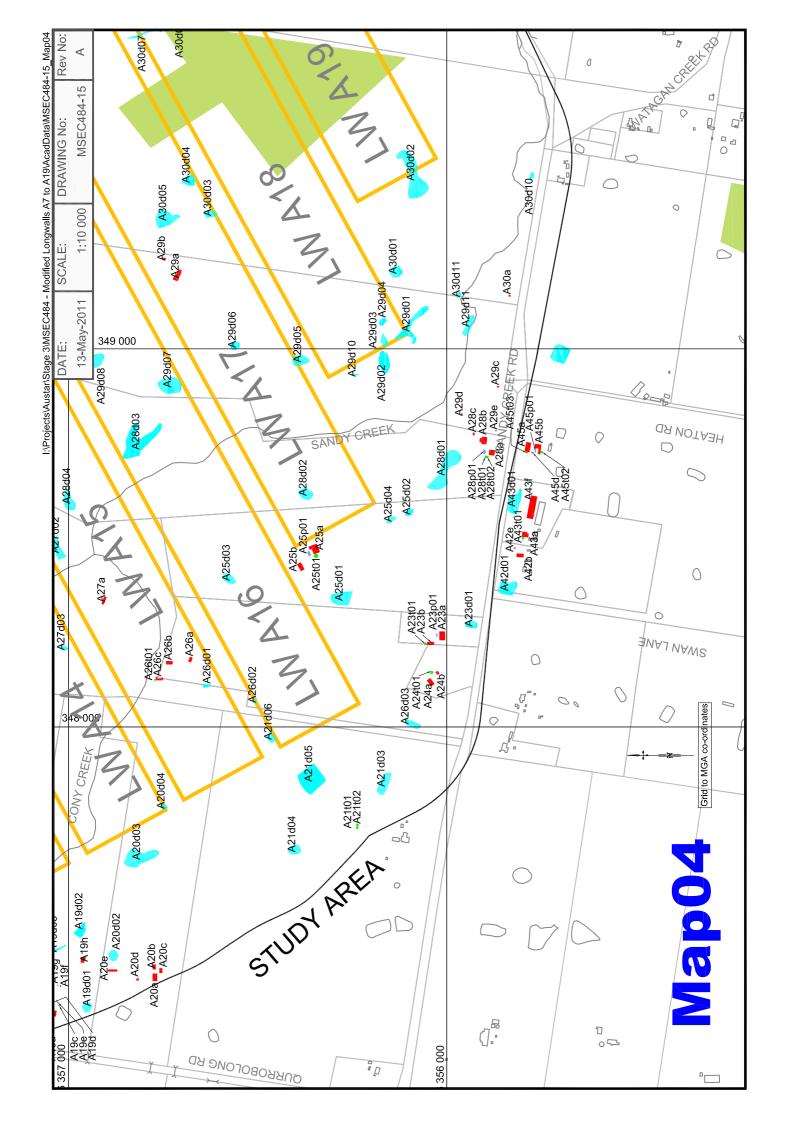
Rev No I:\Projects\Austar\Stage 3\MSEC484 - Modified Longwalls A7 to A19\AcadData\MSEC484-02.dwg **AUSTAR COAL MINE** STAGE 3 LONGWALLS A7 TO A19 SURFACE LEVEL CONTOURS SURFACE LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (m AHD) Level 1, 228 Victoria Ave, Chatswood NSW 2067 PO Box 3047, Willoughby North NSW 2068 Tel +61 2 9413 3777 Fax +61 2 9413 3822 www.minesubsidence.com DRAWING No: MSEC484-02 <u>353 000</u> Grid to MGA co-ordinates 1.30000 352 000 SCALE mine subsidence ENGINEERING CONSULTANTS 13-May-2011 DATE: STUDIED WITE Aberdare South 350 000 349 000 ON NO WA RO TANA SIMM CHA A) LW KAZ 348 000 347 000 Aberdare Central 346 000 EMMY × 75 117 27547 EISMY LAMY 5 358 000 6356000 360 000 359 000 6 357 000 6 355 000

Rev No I:\Projects\Austar\Stage 3\MSEC484 - Modified Longwalls A7 to A19\AcadData\MSEC484-03.dwg **AUSTAR COAL MINE** STAGE 3 LONGWALLS A7 TO A19 SEAM FLOOR CONTOURS Level 1, 228 Victoria Ave, Chatswood NSW 2067 PO Box 3047, Willoughby North NSW 2068 Tel +61 2 9413 3777 Fax +61 2 9413 3822 www.minesubsidence.com SEAM FLOOR CONTOURS ARE IN m AHD MSEC484-03 DRAWING No: 550 . 560--076 Grid to MGA co-ordinates 580 520-1.30000 352 000 SCALE mine subsidence ENGINEERING CONSULTANTS 13-May-2011 --540 -- 560 530 DATE: OLA AND YOUTS South OF A 350 000 Aberdare STA WY TAMA 088 LA PAG 430. A A B LA AVE 349 000 420-CN MY ON WA TANA THAM. 350 348 000 OX RI SK NA 区艺 42 347 000 , o x & . \ Aberdare Central 360 486 M7 QUORROB 346 000 EMM7 BISMY RIGAZ 360 ·00b. , 000 360 000 358 000 359 000 357 000 6 355 000 **6** 356 ο τ ε

Rev No I:\Projects\Austar\Stage 3\MSEC484 - Modified Longwalls A7 to A19\AcadData\MSEC484-04.dwg **AUSTAR COAL MINE** STAGE 3 LONGWALLS A7 TO A19 SEAM THICKNESS CONTOURS Level 1, 228 Victoria Ave, Chatswood NSW 2067 PO Box 3047, Willoughby North NSW 2068 Tel +61 2 9413 3777 Fax +61 2 9413 3822 www.minesubsidence.com | Grid to MGA co-ordinates| | SEAM THICKNESS CONTOURS ARE IN METRES DRAWING No: MSEC484-04 353 000 1.30000 352 000 SCALE mine subsidence 13-May-2011 DATE: 000 9 16/4 M 8/4 B Aberdare South ر». م 350 000 Greta Seam Spir Line & & -8.0 200 7.07 CAMA LAN I TAN AS 14 P16 349 000 TAN S C.M.M. STUDY AREA 6.5 CNAN 348 000 ONAN - 2 B 82 3 区马 347 000 Aberdare Central QUORROBOLONG CREEK by by 8/ 346 000 6.0 * 75M7 27547 EISMY LAMY 360 000 358 000 6 356 000 5 359 000 6 357 000 6 355 000

Rev No I:\Projects\Austar\Stage 3\MSEC484 - Modified Longwalls A7 to A19\AcadData\MSEC484-05.dwg **AUSTAR COAL MINE** STAGE 3 LONGWALLS A7 TO A19 DEPTH OF COVER DEPTH OF COVER CONTOURS ARE IN METRES Level 1, 228 Victoria Ave, Chatswood NSW 2067 PO Box 3047, Willoughby North NSW 2068 Tel +61 2 9413 3777 Fax +61 2 9413 3822 www.minesubsidence.com MSEC484-05 DRAWING No: <u>353 000</u> Grid to MGA co-ordinates 1.30000 352 000 SCALE mine subsidence ENGINEERING CONSULTANTS 13-May-2011 DATE 0 730 720 5 715 925 986 655 650 202 630 OKO 969 630 South 720 580 OLY WA 909 SIG and 000 350 000 618 Aberdare ((SSVSV) 530 200 740 535 520 5/5 506 540 ATA MA 355 230 490 540 588 TW P13 575 349 000 630 62H 525 099 000 168 888 A ON WINDS SON NY 620 THE PARTY £99[°] 505 10 SCA WA 570 099 259 £ 348 000 OSG WAR THE REST , S-50 000 68 068 V 084 620 094 585 585 600 347 000 99t Aberdare Central QUORROBOLONG CREEK 46 M7 5/ * My 346 000 EMM? × 75 117 278M7 EISMY 44M7 5 358 000 6 356 000 360 000 359 000 6 357 000 6 355 000

Rev No I:\Projects\Austar\Stage 3\MSEC484 - Modified Longwalls A7 to A19\AcadData\MSEC484-06.dwg **AUSTAR COAL MINE** STAGE 3 LONGWALLS A7 TO A19 GEOLOGICAL STRUCTURES AT SEAM LEVEL ⋖ Level 1, 228 Victoria Ave, Chatswood NSW 2067 PO Box 3047, Willoughby North NSW 2068 Tel +61 2 9413 3777 Fax +61 2 9413 3822 www.minesubsidence.com MSEC484-06 DRAWING No: 353 000 Grid to MGA co-ordinates **FAULTS** DYKES LEGEND 1.30000 352 000 SCALE mine subsidence 13-May-2011 DATE: STUDY APREM 351 000 64 M 350 000 Grata Seam Split Line 1814 M CAN) [23] "Fault Zope TAN A OFA WY Abernethur 349 000 C. A. A. O'A M 143 CN PAZ 348 000 8 3 82 3 43 347 000 Quor obolong Fault QUORROBOLONG CREEK Central Dyke Ground Magnetics beby, 24 By My 346 000 EMM7 * 75M7 27547 EISMY LAMY 360 000 6 358 000 6 356 000 5 359 000 6,357 000 6 355 000



PM 58732 Rev No STAGE 3 LONGWALLS A7 TO A19
WATER BORE HOLES, EXPLORATION DRILL
HOLES & SURVEY CONTROL MARKS I:\Projects\Austar\Stage 3\MSEC484 - Modified Longwalls A7 to A19\AcadData\MSEC484-16.dwg ⋖ Level 1, 228 Victoria Ave, Chatswood NSW 2067 PO Box 3047, Willoughby North NSW 2068 Tel +61 2 9413 3777 Fax +61 2 9413 3822 www.minesubsidence.com **AUSTAR COAL MINE** M 73379 4 GROUNDWATER BORE HOLES MSEC484-16 DRAWING No: 353 000 **EXPLORATION DRILL HOLES \$\Pi\$** SURVEY CONTROL MARKS PM 69711 PM 70282 1.30000 69717 LEGEND 352 000 SCALE: mine subsidence ENGINEERING CONSULTANTS 13-May-2011 PM 697 SKD12 DATE 351 000 STUDY AREA MASS 1 AED (10-10 OK NAS South 350 000 Aberdare XXD14 SAN J W 3 NAM N ON A NO GW080954 SKD13 WANT JOSE LW MAY CAN'S CLAMI 349 000 SS 46719 ă AED 7 TANA OLY A) SKD1 GW051324 02 KJ 348 000 GW078091[™] AQD 1080 BKD4 N NO 区马 FM 66194 GW038372 XSS **SS 15400** NED24 PM 109448 **4**E JED22 **KD3** 347 000 SKD5 AQD 1084 AQD 1079 Aberdare Central ®KD2 2₹ 4QD 1074 SBD1052 ₽ZE bon, SBD1051 SBD1049 SBD1053 S 42796 346 000 4> AQD_107 Grid to MGA co-ordinates MED6 Z⊠ ₽ZA (fully grouted) 359 000, U/GM 6 356 000 6 355 000 360 000 6 357 000 358 000 SBD106 TED31

Rev No I:\Projects\Austar\Stage 3\MSEC484 - Modified Longwalls A7 to A19\AcadData\MSEC484-17.dwg AUSTAR COAL MINE
STAGE 3 LONGWALLS A7 TO A19
ARCHAEOLOGICAL
& HERITAGE SITES Level 1, 228 Victoria Ave, Chatswood NSW 2067 PO Box 3047, Willoughby North NSW 2068 Tel +61 2 9413 3777 Fax +61 2 9413 3822 www.minesubsidence.com MSEC484-17 353 000 DRAWING No: ARCHAEOLOGICAL SITES Grid to MGA co-ordinates HERITAGE SITES 1.30000 LEGEND 352 000 SCALE Homestead site 2 mine subsidence 13-May-2011 DATE: 351 000 ON WY Aberdare South CA AND 350 000 SAN J 143y omestead site OLA N. CVA M 349 000 (A) M House site CN P12 ALA N. 348 000 OK NO ON NO OX NJ No. of the second secon Artefact scatter Culvert 1 347 000 Quarry 2 Fencing 2 Cut tree X Discovery 3 IF屬 Discover 2 IF屬 Discovery 1 AS図 Aberdare Central DUORROBOLONG CREEK boby, EL MY 346 000 EMMY × 75 117 37547 ENSMY LAMY 360 000 6 358 000 6 356 000 6 355 000 EV M7 359 000 6 357 000

Rev No STAGE 3 LONGWALLS A7 TO A19 PREDICTED TOTAL SUBSIDENCE CONTOURS DUE TO LONGWALLS A7 TO A19 I:\Projects\Austar\Stage 3\MSEC484 - Modified Longwalls A7 to A19\AcadData\MSEC484-18.dwg **AUSTAR COAL MINE** Level 1, 228 Victoria Ave, Chatswood NSW 2067 PO Box 3047, Willoughby North NSW 2068 Tel +61 2 9413 3777 Fax +61 2 9413 3822 www.minesubsidence.com Grid to MGA co-ordinates
PREDICTED SUBSIDENCE CONTOURS ARE IN MILLIMETRES (mm) MSEC484-18 <u>353 000</u> DRAWING No: 1.30000 352 000 SCALE mine subsidence 13-May-2011 DATE 351 000 TEST COMMENTS OF THE PROPERTY BLA MI PREDICTION LINE A - LA A OF A BOOK 350 000 -005t ANAMA 1300 001 349 000 STAM C1400 1400 20 LWAN3 000 LW KTZ CTA MA 000/ OLY WI EN NO 348 000 SA MY 200 1200 1300 0091 80 1500 100 347 000 by by 5/ *My 346 000 EMMY × 75 117 278M7 EISMY LAMY 360 000 5 358 000 6 356 000 359 000 6 357 000 6 355 000