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 www.minesubsidence.com

SPUR HILL UNDERGROUND COKING COAL PROJECT GATEWAY APPLICATION BUILT FEATURES

DATE: 20-Nov-2013	SCALE: 1:40000	DRAWING No: MSEC616-133	Rev No B
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LEGEND

STRUCTURES

- h HOUSES
- RURAL STRUCTURES
- DAMS

TELECOMMUNICATIONS

- OPTICAL FIBRE CABLES
- COPPER CABLES

ELECTRICAL INFRASTRUCTURE

- 66kV

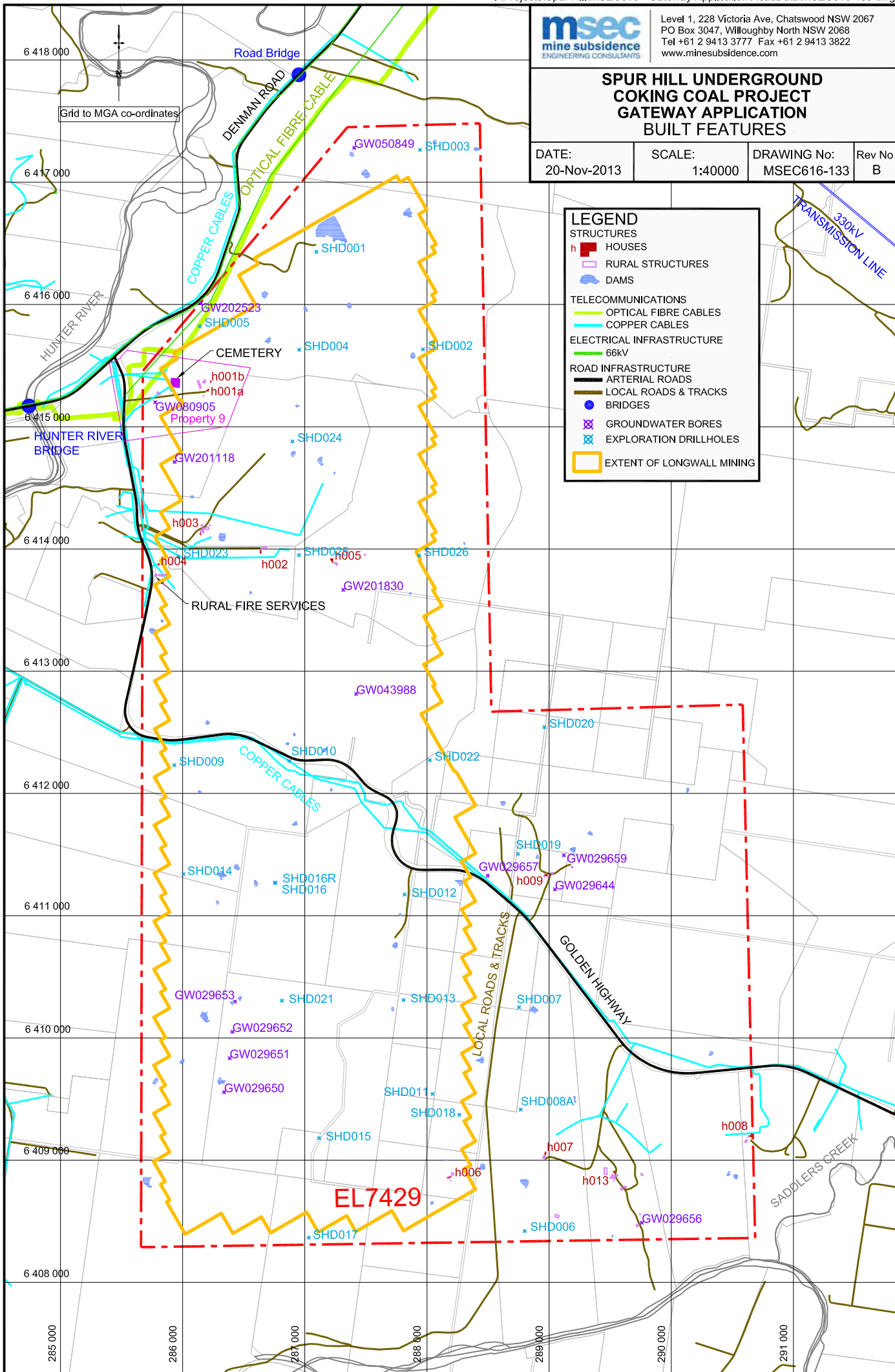
ROAD INFRASTRUCTURE

- ARTERIAL ROADS
- LOCAL ROADS & TRACKS
- BRIDGES

GROUNDWATER BORES

- EXPLORATION DRILLHOLES

EXTENT OF LONGWALL MINING



PREDICTED SUBSIDENCE CONTOURS ARE IN MILLIMETRES (mm)

6 418 000

NOTE:

The value of the Subsidence Contours, from the outside to the inside of the panels, are 20mm, 50mm, 100mm, 200mm, 500mm and so forth, in 500mm increments. The maximum subsidence is shown in brackets - ie. (2300)

6 417 000

6 416 000

6 415 000

6 414 000

6 413 000

6 412 000

6 411 000

6 410 000

6 409 000

6 408 000

285 000

286 000

287 000

288 000

289 000

290 000

291 000

DATE:
20-Nov-2013

SCALE:
1:40000

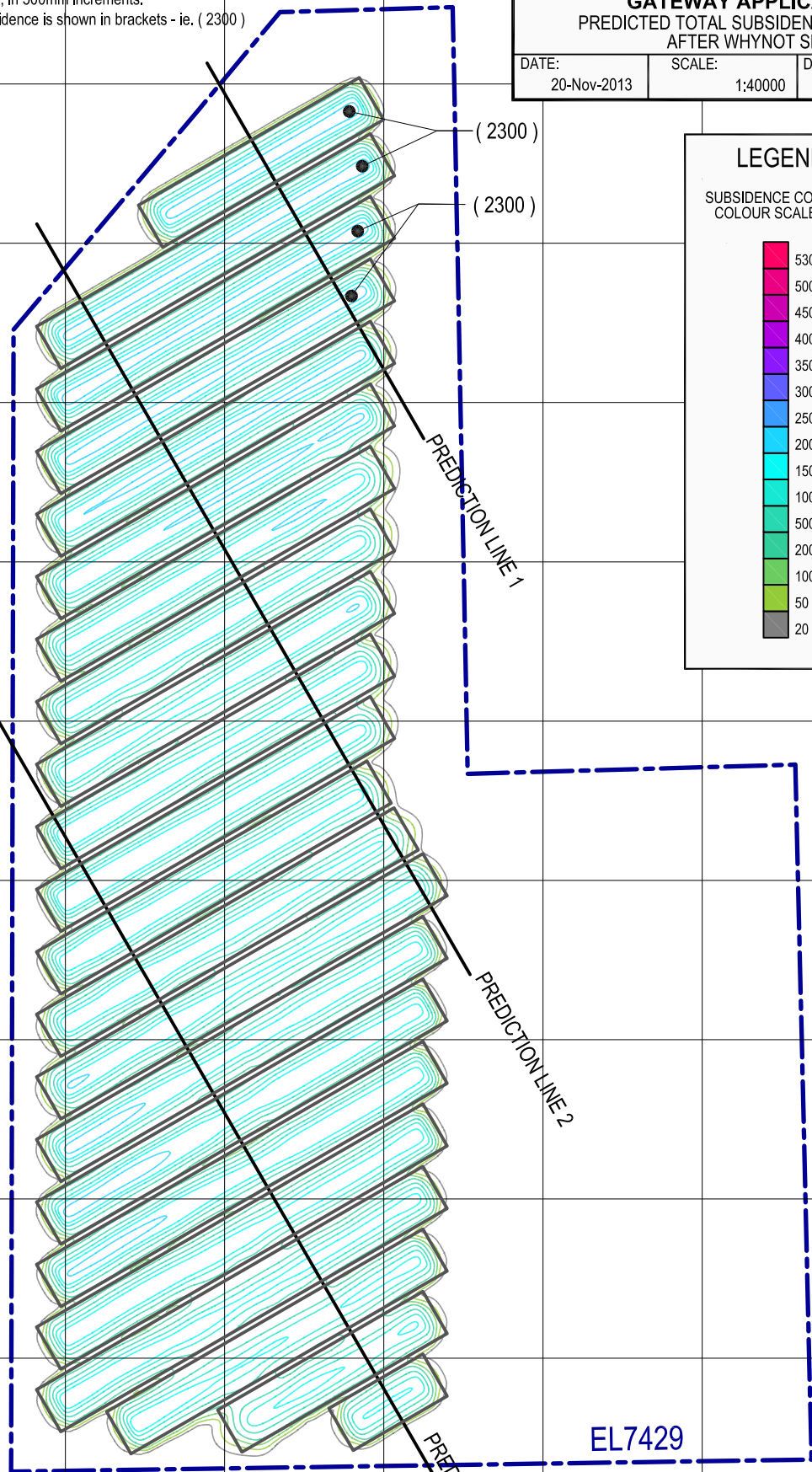
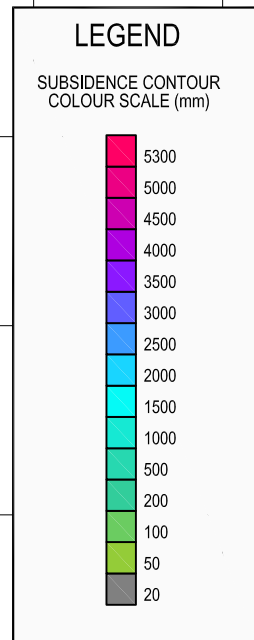
DRAWING No:
MSEC616-140

Rev No
B

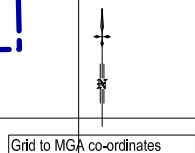


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**SPUR HILL UNDERGROUND
COKING COAL PROJECT
GATEWAY APPLICATION**
PREDICTED TOTAL SUBSIDENCE CONTOURS
AFTER WHYNOT SEAM



EL7429



PREDICTED SUBSIDENCE CONTOURS ARE IN MILLIMETRES (mm)

6 418 000

NOTE:

The value of the Subsidence Contours, from the outside to the inside of the panels, are 20mm, 50mm, 100mm, 200mm, 500mm and so forth, in 500mm increments.

The maximum subsidence is shown in brackets - ie. (5100)

6 417 000

(5100)

6 416 000

6 415 000

6 414 000

6 413 000

6 412 000

6 411 000

6 410 000

6 409 000

6 408 000

285 000

286 000

287 000

288 000

289 000

290 000

291 000



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**SPUR HILL UNDERGROUND COKING
 COAL PROJECT
 GATEWAY APPLICATION
 PREDICTED TOTAL SUBSIDENCE CONTOURS
 AFTER BOWFIELD SEAM**

DATE:

20-Nov-2013

SCALE:

1:40000

DRAWING No:

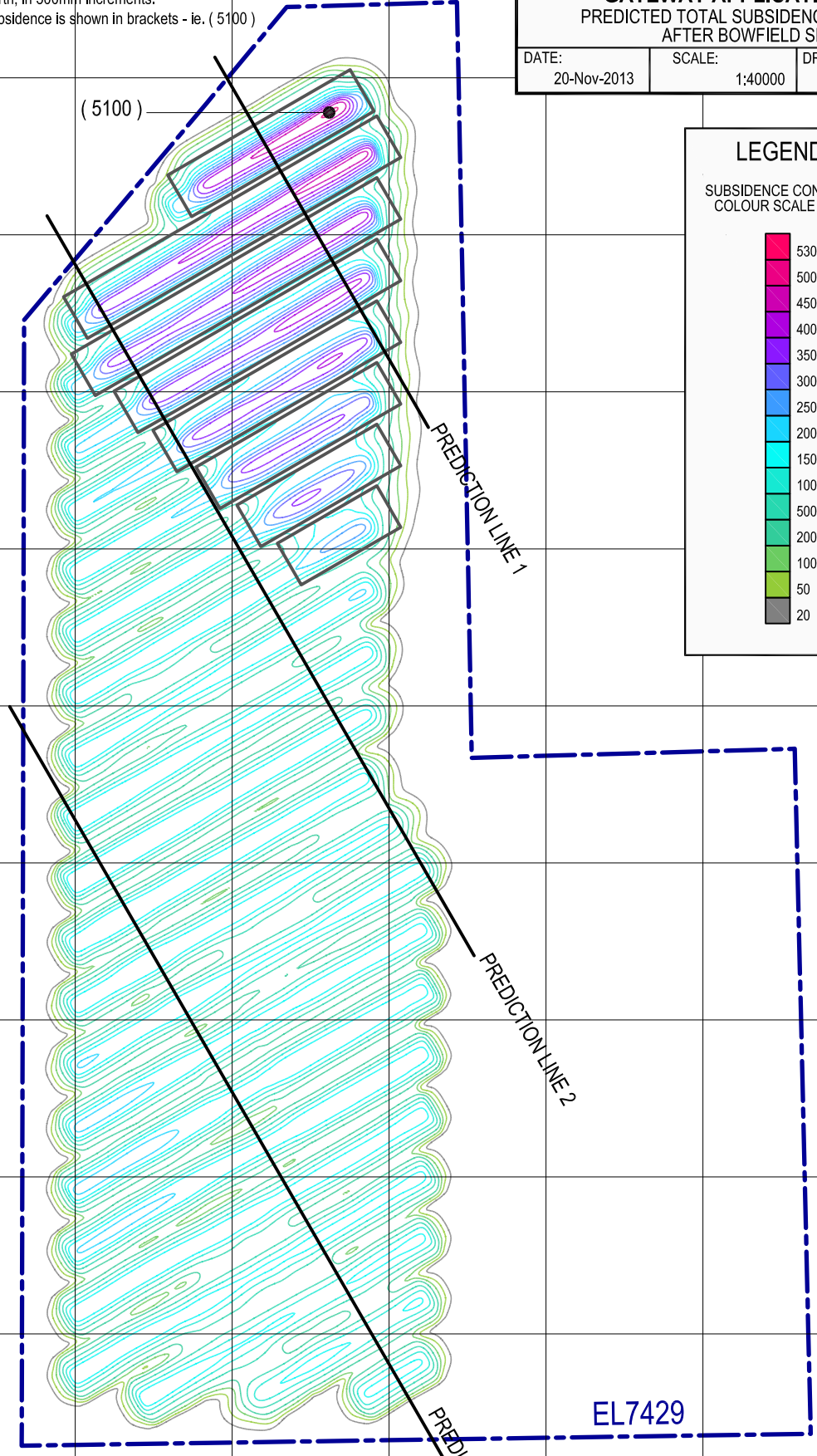
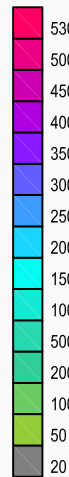
MSEC616-141

Rev No

B

LEGEND

SUBSIDENCE CONTOUR
 COLOUR SCALE (mm)



Grid to MGA co-ordinates



PREDICTED SUBSIDENCE CONTOURS ARE IN MILLIMETRES (mm)

6 418 000

NOTE:

The value of the Subsidence Contours, from the outside to the inside of the panels, are 20mm, 50mm, 100mm, 200mm, 500mm and so forth, in 500mm increments.
The maximum subsidence is shown in brackets - ie. (5300)

6 417 000

6 416 000

6 415 000

6 414 000

6 413 000

6 412 000

6 411 000

6 410 000

6 409 000

6 408 000

285 000

286 000

287 000

288 000

289 000

290 000

291 000



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**SPUR HILL UNDERGROUND
COKING COAL PROJECT
GATEWAY APPLICATION**
PREDICTED TOTAL SUBSIDENCE CONTOURS AFTER
WARKWORTH SEAM

DATE: 20-Nov-2013

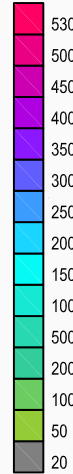
SCALE: 1:40000

DRAWING No: MSEC616-142

Rev No B

LEGEND

SUBSIDENCE CONTOUR
COLOUR SCALE (mm)



(5300)

PREDICTION LINE 1

PREDICTION LINE 2

PREDICTION LINE 3

EL7429

Grid to MGA co-ordinates

