


0 250 500
metres

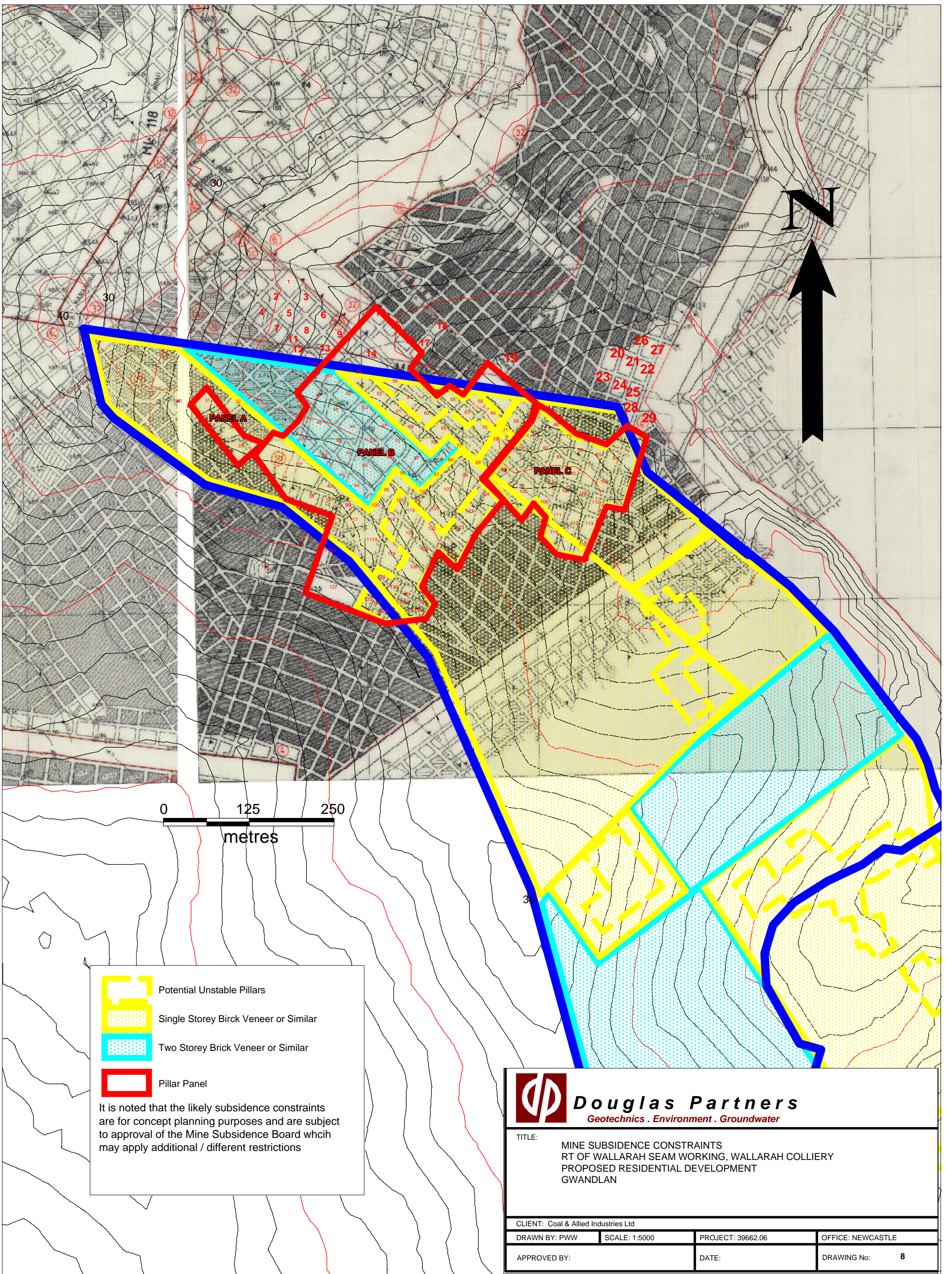
- Test Pit
- Disturbed Ground
- Alluvial Low Risk Acid Sulphate Soil
- Alluvial, High Risk Acid Sulphate Soils
- Disturbed Ground
- Residual - Narrabeen Group

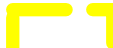


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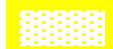
TITLE:
TEST LOCATION PLAN and
MAPPED SURFACE GEOLOGY
PROPOSED RESIDENTIAL DEVELOPMENT
GWANDALAN

CLIENT: Coal & Allied Industries Ltd			
DRAWN BY: PWW	SCALE: 1:7500	PROJECT: 39662.06	OFFICE: NEWCASTLE
APPROVED BY:	DATE:	DRAWING No:	7







Potential Unstable Pillars



Single Storey Brick Veneer or Similar




Two Storey Brick Veneer or Similar



Pillar Panel

It is noted that the likely subsidence constraints are for concept planning purposes and are subject to approval of the Mine Subsidence Board which may apply additional / different restrictions



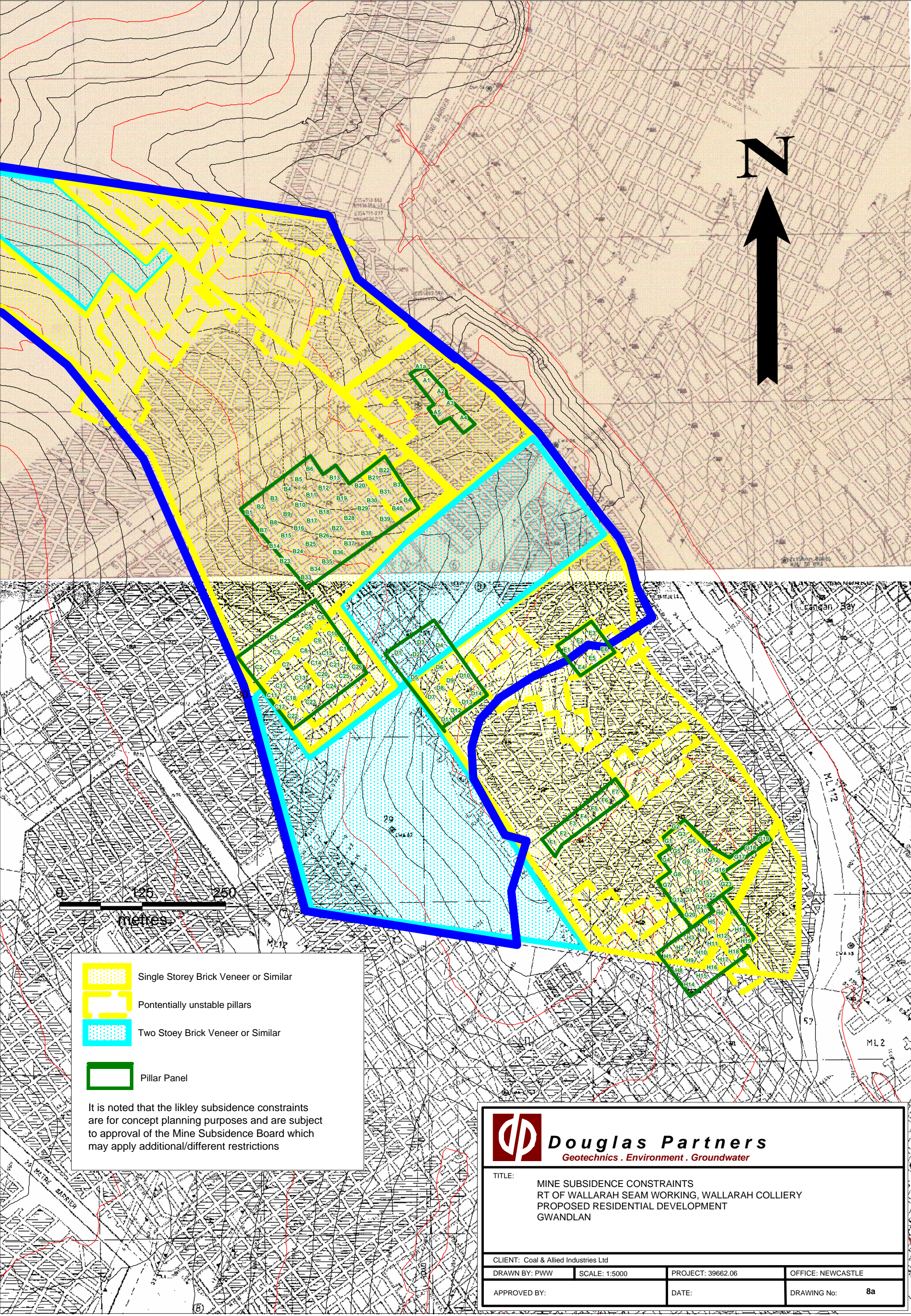
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TITLE:

MINE SUBSIDENCE CONSTRAINTS
RT OF WALLARAH SEAM WORKING, WALLARAH COLLIERY
PROPOSED RESIDENTIAL DEVELOPMENT
GWANDLAN


CLIENT: Coal & Allied Industries Ltd

DRAWN BY: PWW	SCALE: 1:5000	PROJECT: 39662.06	OFFICE: NEWCASTLE
APPROVED BY:	DATE:	DRAWING No: 8	







Single Storey Brick Veneer or Similar



Potentially unstable pillars




Two Storey Brick Veneer or Similar



Pillar Panel

It is noted that the likely subsidence constraints are for concept planning purposes and are subject to approval of the Mine Subsidence Board which may apply additional/different restrictions



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TITLE:

MINE SUBSIDENCE CONSTRAINTS
RT OF WALLARAH SEAM WORKING, WALLARAH COLLIERY
PROPOSED RESIDENTIAL DEVELOPMENT
GWANDLAN

CLIENT: Coal & Allied Industries Ltd

DRAWN BY: PWW

SCALE: 1:5000

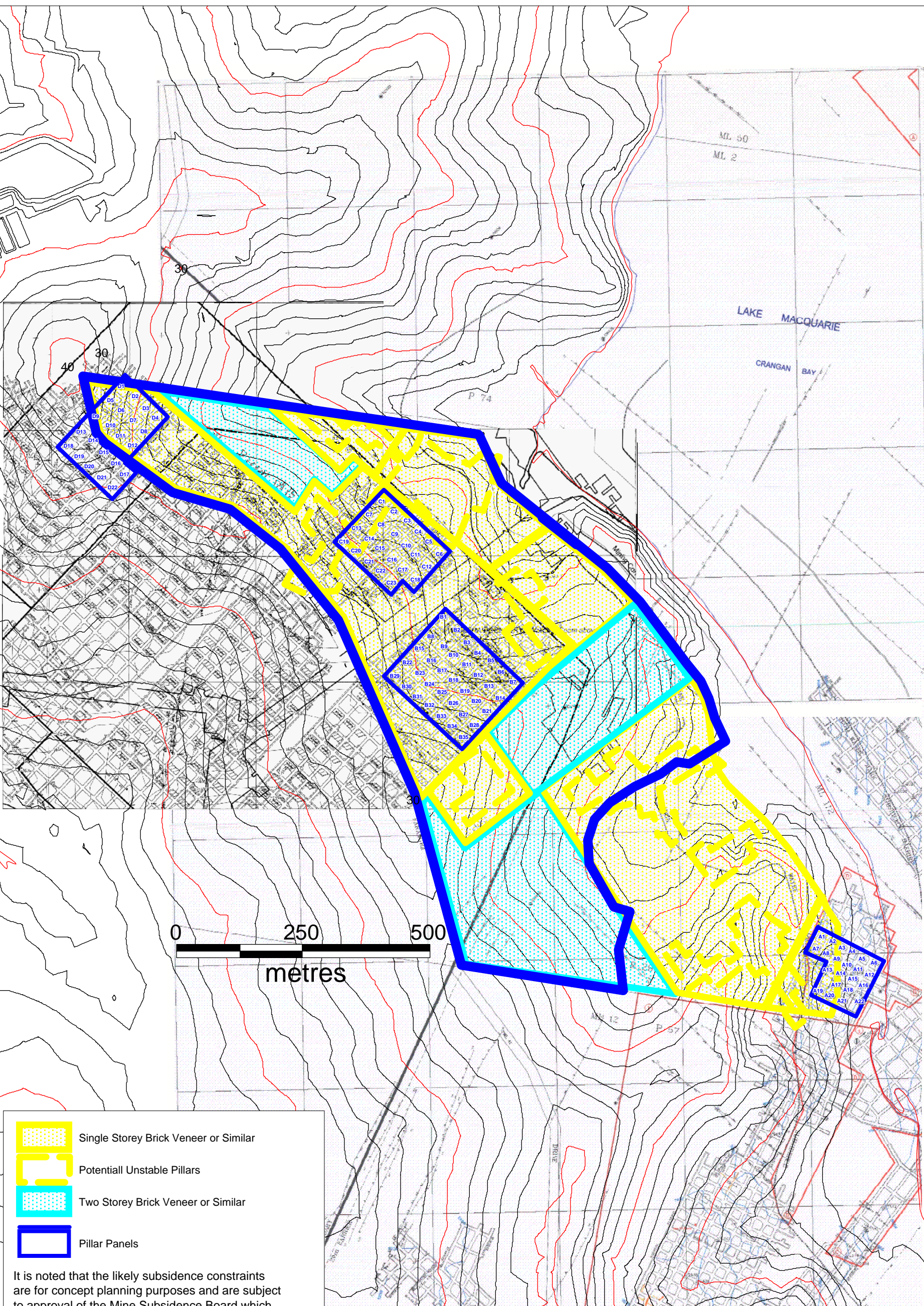
PROJECT: 39662.06


OFFICE: NEWCASTLE


APPROVED BY:


DATE:


DRAWING No: 8a




 Single Storey Brick Veneer or Similar

 Potentiall Unstable Pillars

 Two Storey Brick Veneer or Similar

 Pillar Panels

It is noted that the likely subsidence constraints are for concept planning purposes and are subject to approval of the Mine Subsidence Board which may apply additional/different restrictions.

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TITLE:
MINE SUBSIDENCE CONSTRAINTS
GREAT NORTHERN SEAM WORKINGS
PROPOSED RESIDENTIAL DEVELOPMENT
GWANDLAN

CLIENT: Coal & Allied Industries Ltd		PROJECT: 39662.06	
DRAWN BY: PWW	SCALE: 1:5000	DATE:	OFFICE: NEWCASTLE
APPROVED BY:			DRAWING No: 9