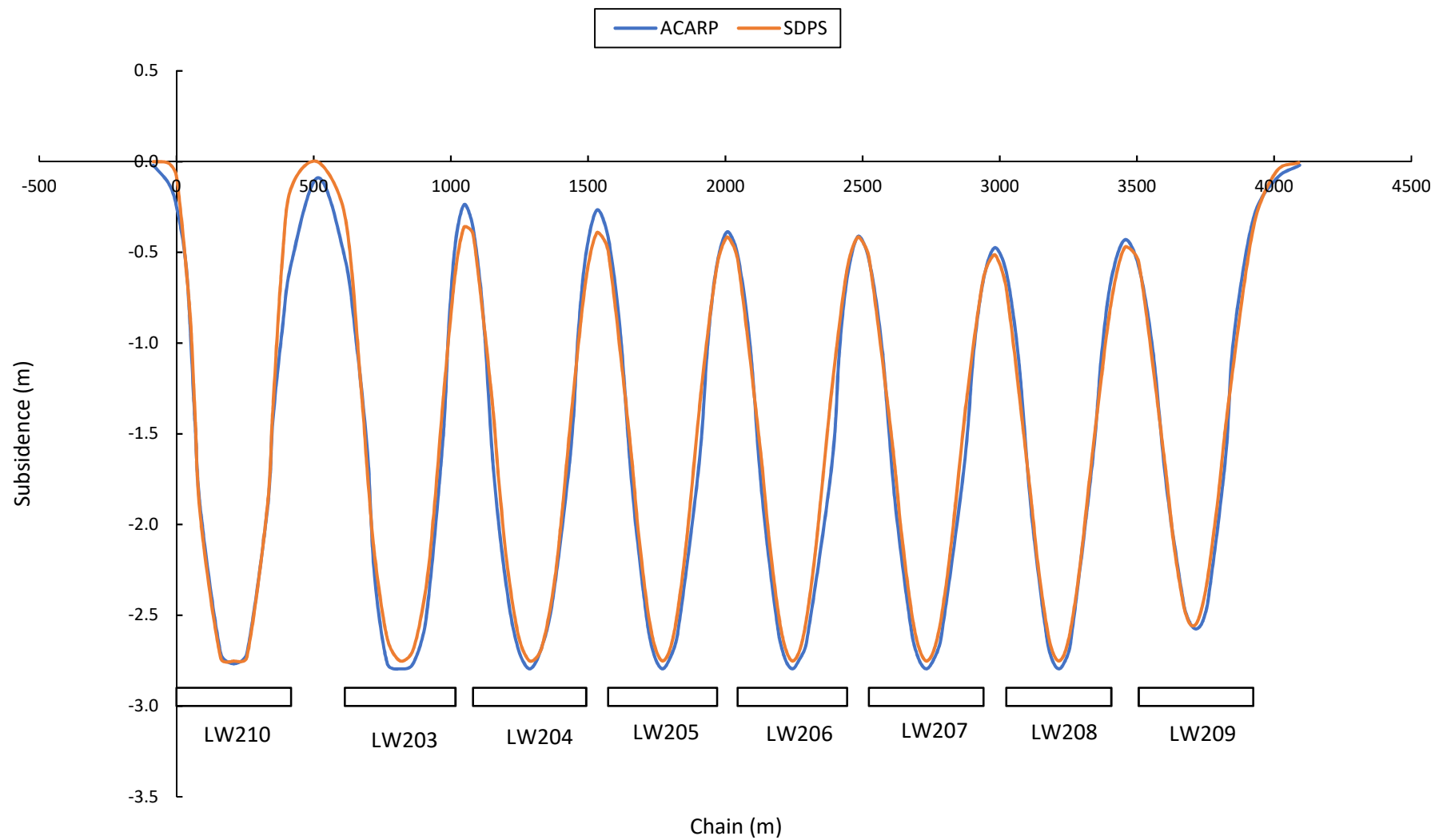
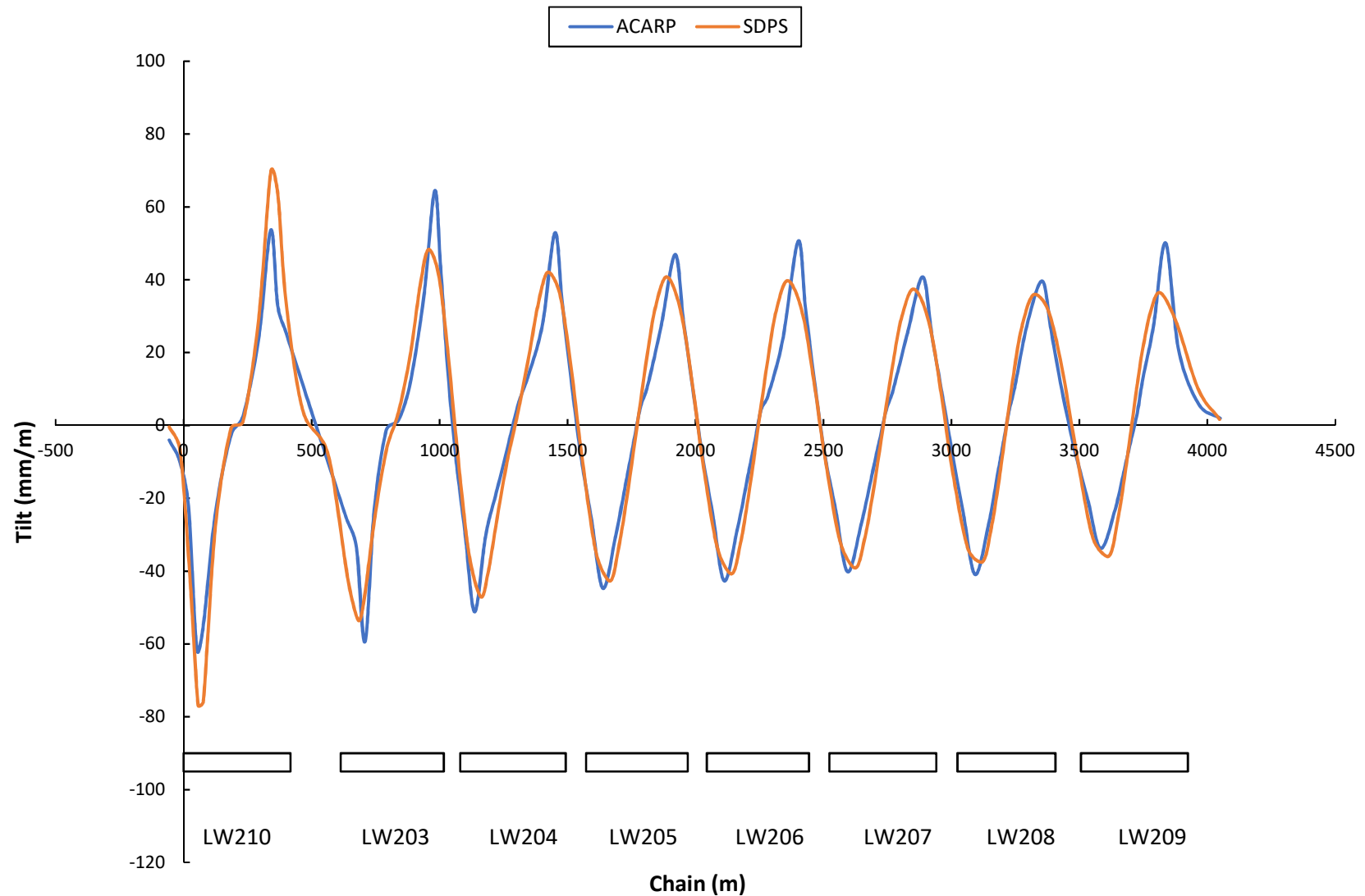
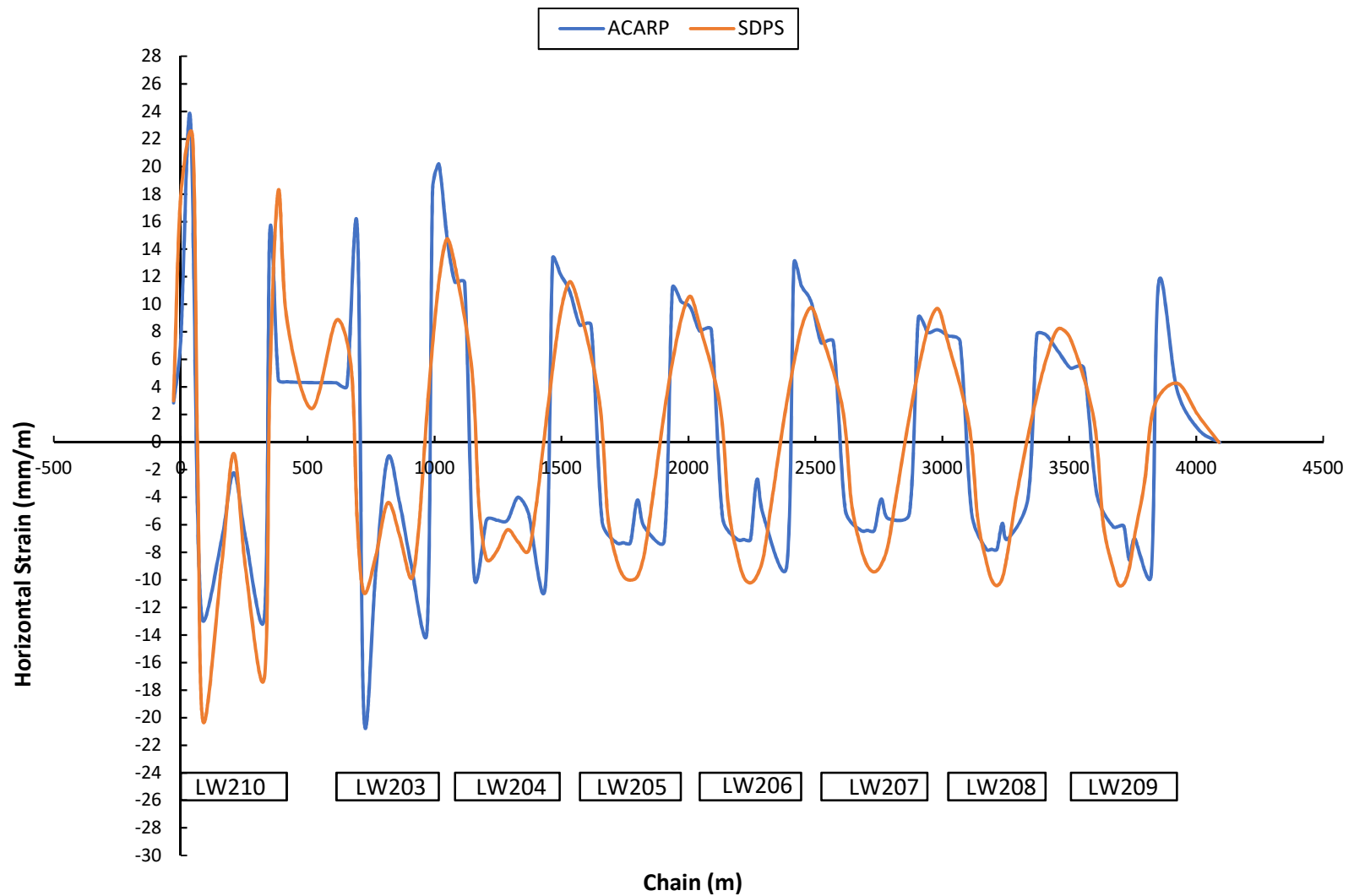




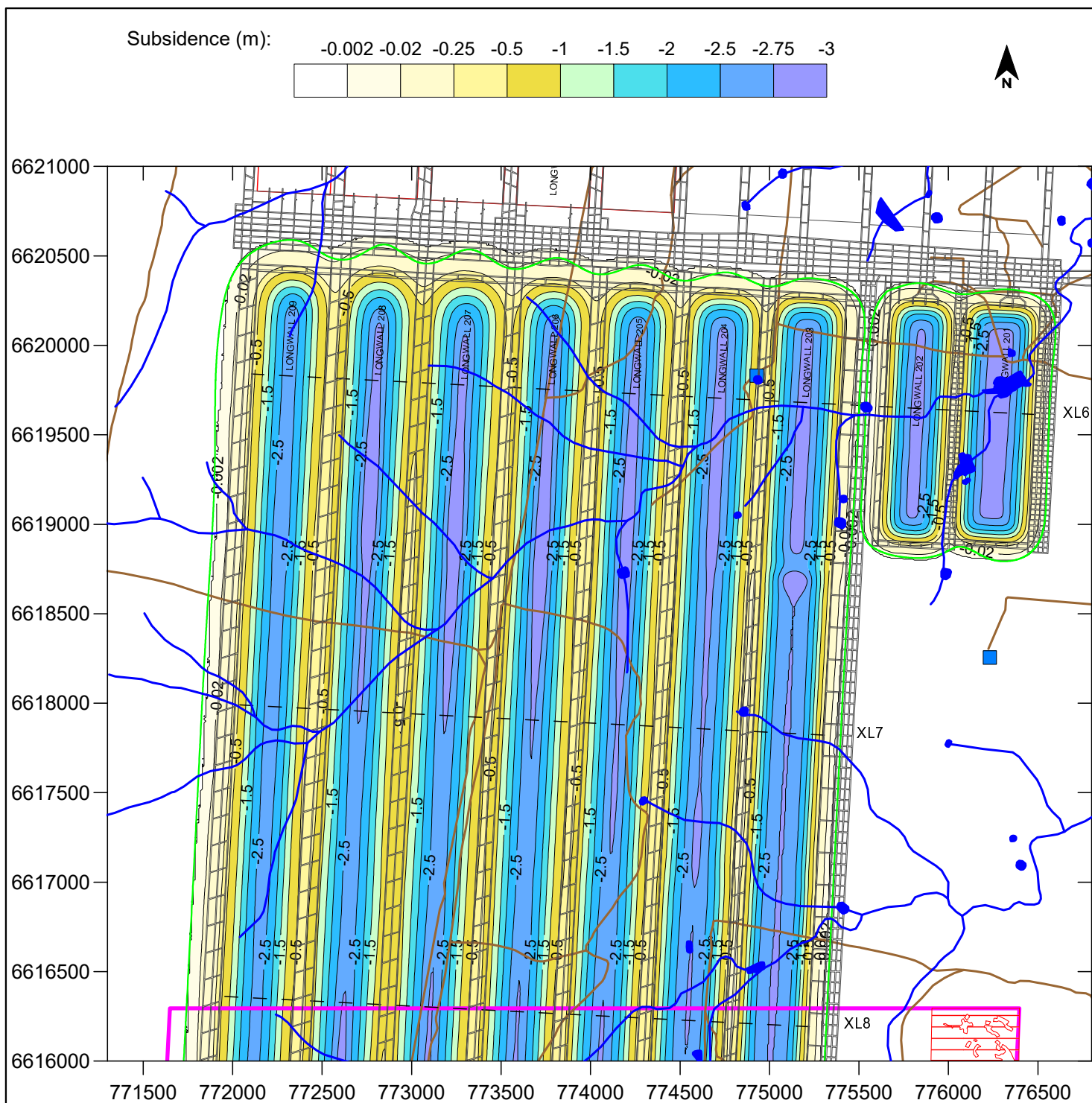
Engineer:	S.Ditton	Client:	Narrabri Mine		
Drawn:	S.Ditton		NAR-005/1		
Date:	20.11.18	Title:	Predicted ACARP v SDPS (U95%CL) Subsidence Profiles along XL10 above Proposed		
Ditton Geotechnical		LW203 to 210 in the Application Area			
Services Pty Ltd		Scale:	NTS		Figure No: 12a



	Engineer:	S.Ditton	Client:	Narrabri Mine			
	Drawn:	S.Ditton		NAR-005/1			
	Date:	20.11.18	Title:	Predicted ACARP v. SDPS (U95%CL) Tilt Profiles along XL10 above Proposed			
	Ditton Geotechnical			LW203 to 210 in the Application Area			
	Services Pty Ltd		Scale:	NTS		Figure No:	12b



	Engineer:	S.Ditton	Client:	Narrabri Mine		
	Drawn:	S.Ditton		NAR-005/1		
	Date:	20.11.18	Title:	Predicted ACARP v. SDPS U95%CL Horizontal Strain Profiles along XL10 above Proposed		
	Ditton Geotechnical			LW203 to 210 in the Application Area		
	Services Pty Ltd		Scale:	NTS		Figure No:



DgS

Engineer: S.Ditton

Drawn: S.Ditton

Date: 21.11.18

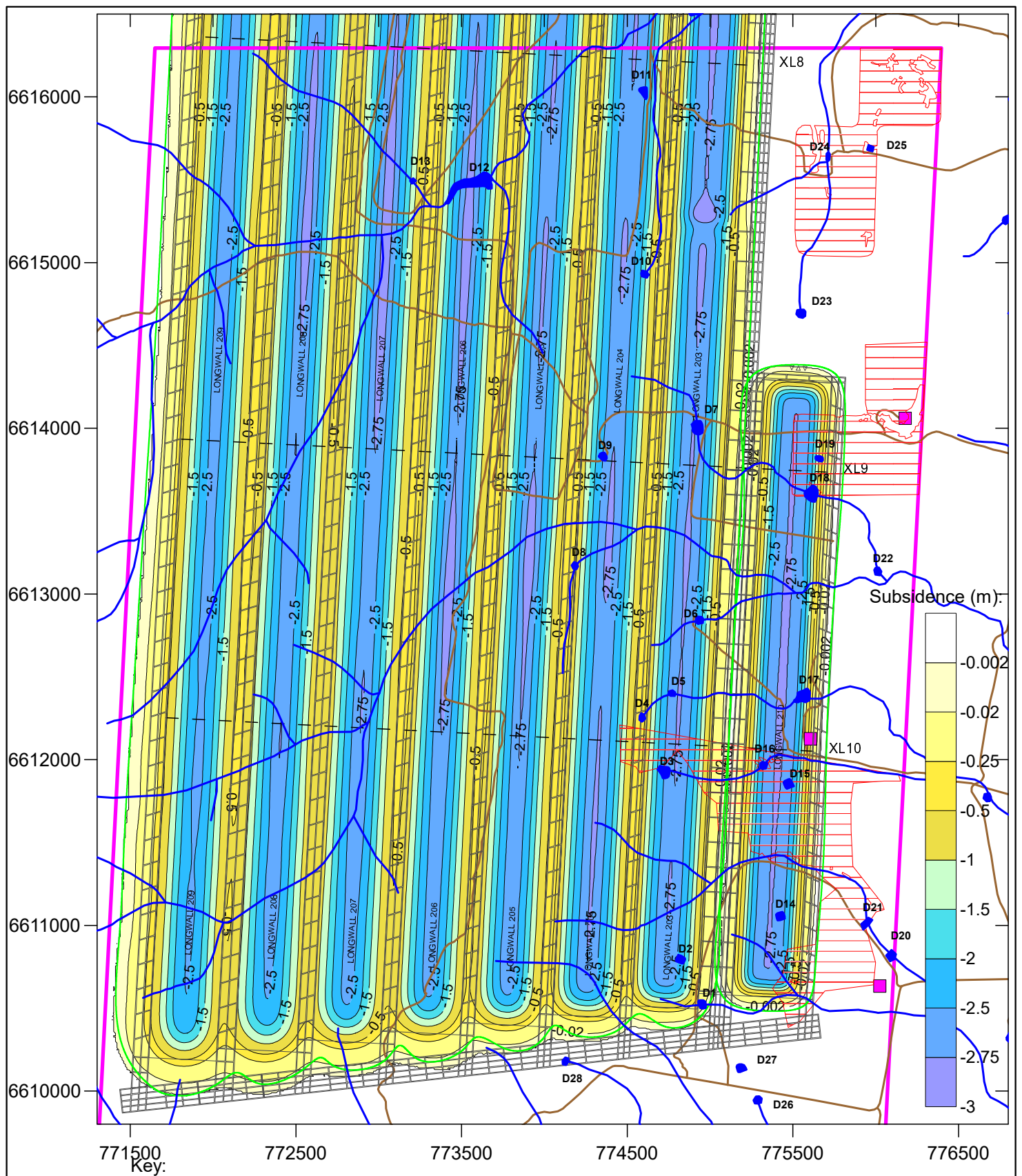
Ditton Geotechnical
Services Pty Ltd

Client: Narrabri Mine
NAR-005/1

Title: Predicted Subsidence Contours (U95%CL) above the Proposed
LW201 to 209

Scale: 1:40,000

Figure No: 13a



— Subsidence contours (m)

— Roads (unsealed)

■ Dwellings
(Private/NCO-Owned)

□ Proposed Longwall Panels

□ BSAL

— Gateway Certificate
Application Boundary

— Ephemeral Creeks
& Watercourses

■ Farm Dams (D1-D28)

— 26.5° AoD

DgS

Engineer: S.Ditton

Drawn: S.Ditton

Date: 21.11.18

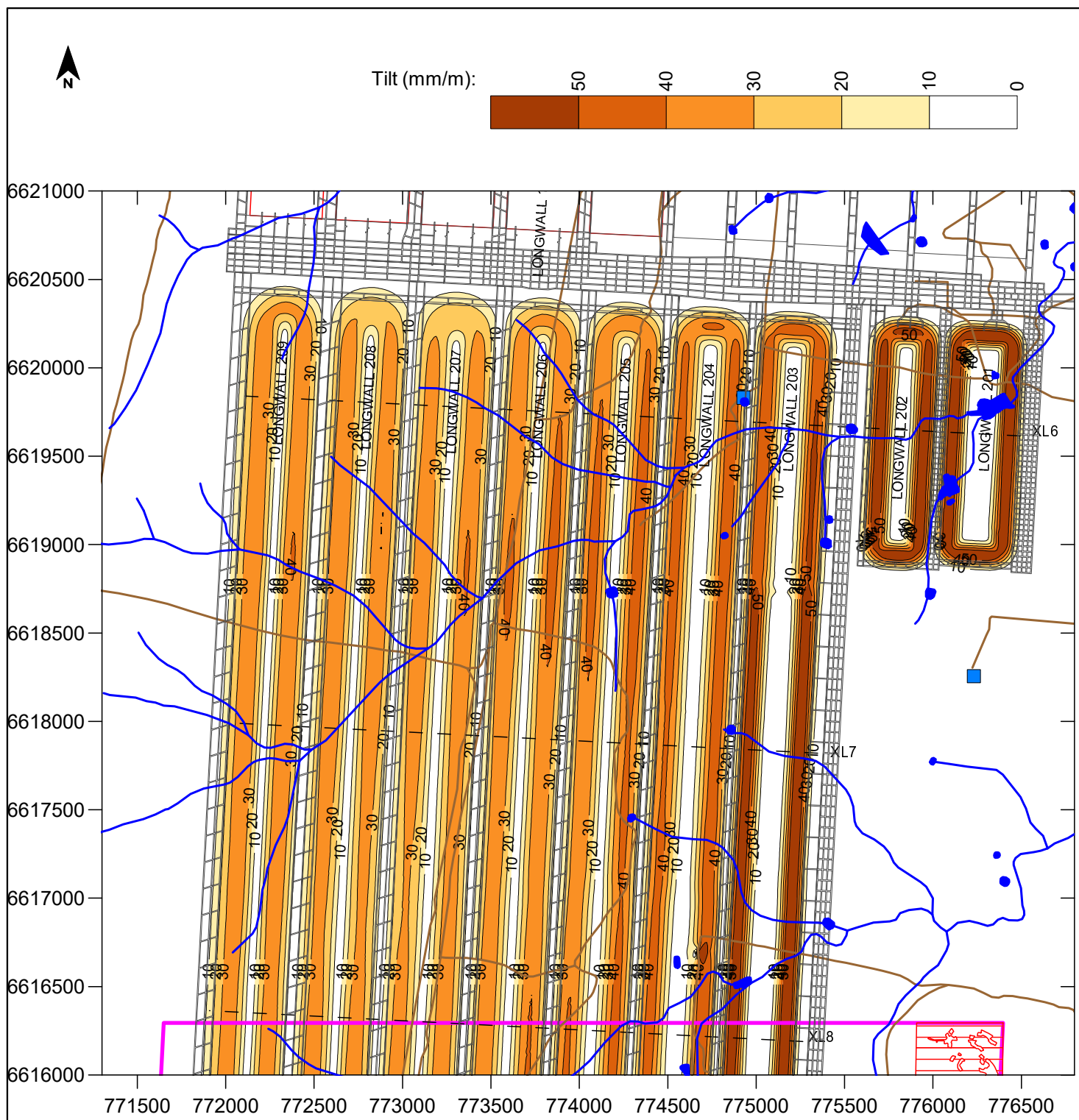
Ditton Geotechnical
Services Pty Ltd

Client: Narrabri Mine
NAR-005/1

Title: Predicted Subsidence Contours (U95%CL) above the Proposed
LW203 to 210 in the Application Area

Scale: 1:40,000

Figure No: 13b



Key:

- Tilt contours (mm/m)
- Roads (unsealed)
- Dwellings (Private/NCO-Owned)
- Proposed Longwall Panels
- BSAL
- Gateway Certificate Application Boundary
- Ephemeral Creeks & Watercourses
- Farm Dams

DgS

Engineer: S.Ditton
 Drawn: S.Ditton
 Date: 10.05.17

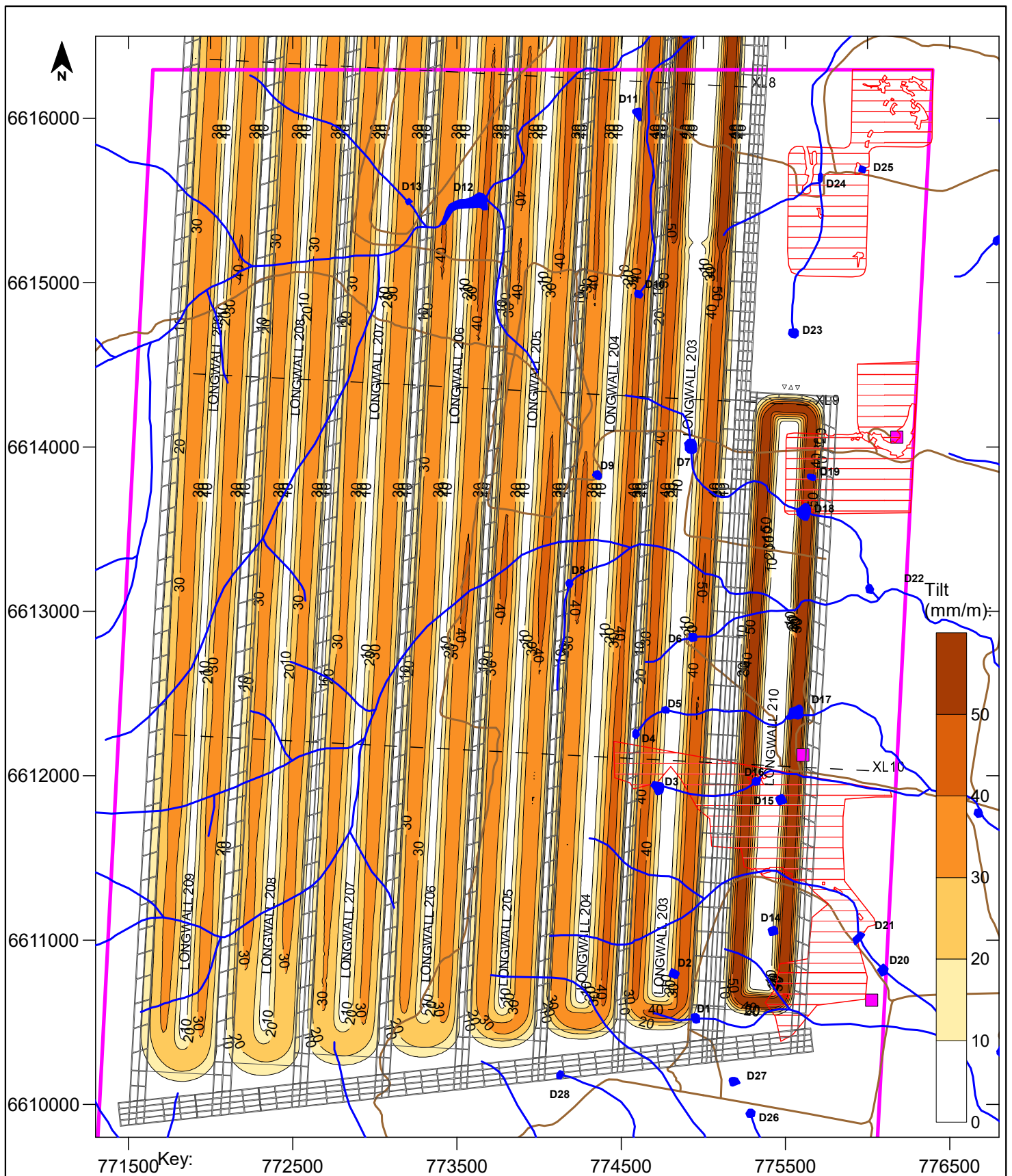
Ditton Geotechnical
 Services Pty Ltd

Client: Narrabri Mine
 NAR-005/1

Title: Predicted Tilt Contours (U95%CL) above the Proposed LW201 to 209

Scale: 1:60,000

Figure No: 13c



DgS

Engineer: S.Ditton
 Drawn: S.Ditton
 Date: 10.05.17

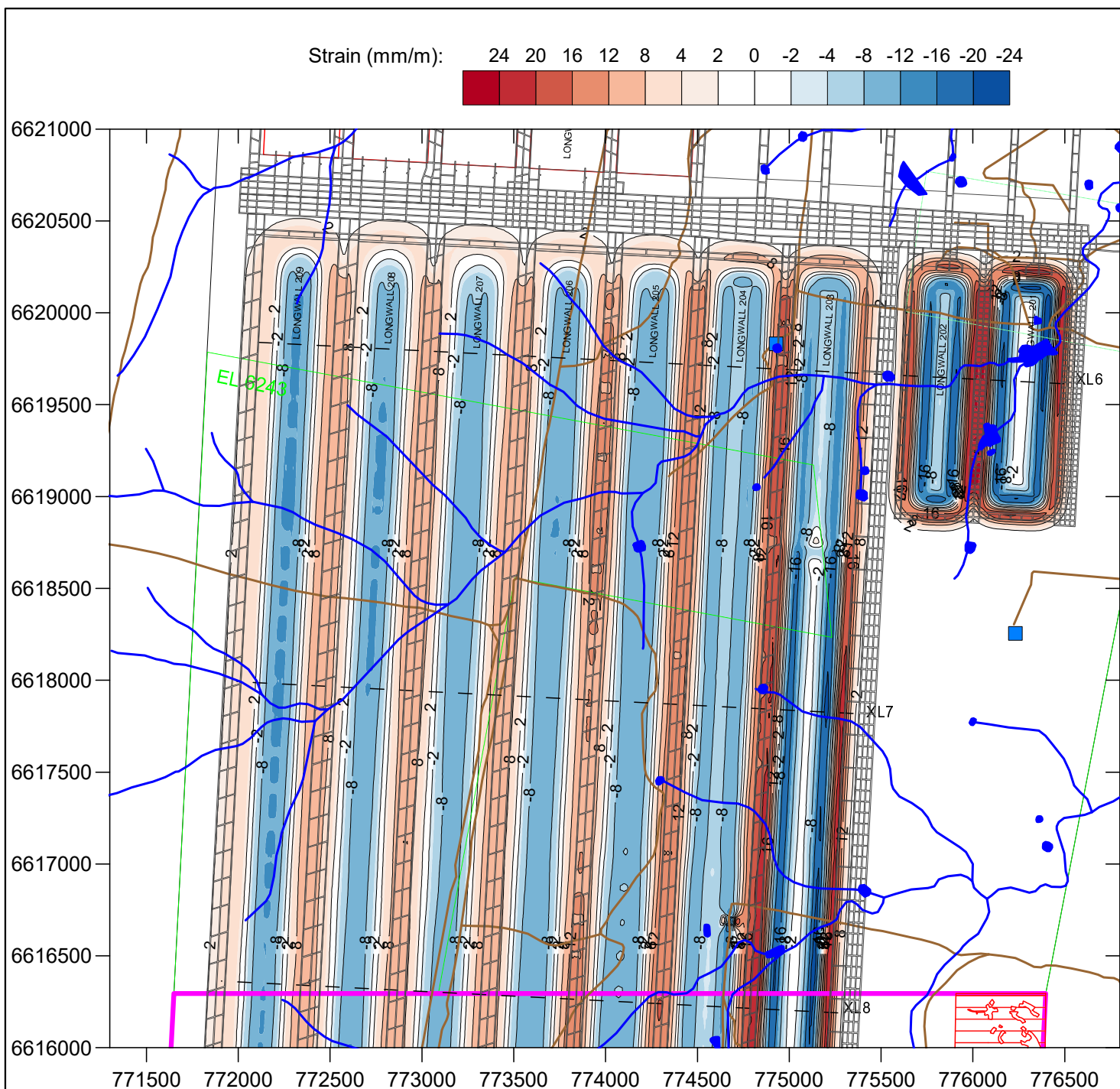
Ditton Geotechnical
 Services Pty Ltd

Client: Narrabri Mine
 NAR-005/1

Title: Predicted Tilt Contours (U95%CL) above the Proposed LW203 to 210 in the Application Area

Scale: 1:60,000

Figure No: 13d



DgS

Engineer: S.Ditton

Drawn: S.Ditton

Date: 10.05.17

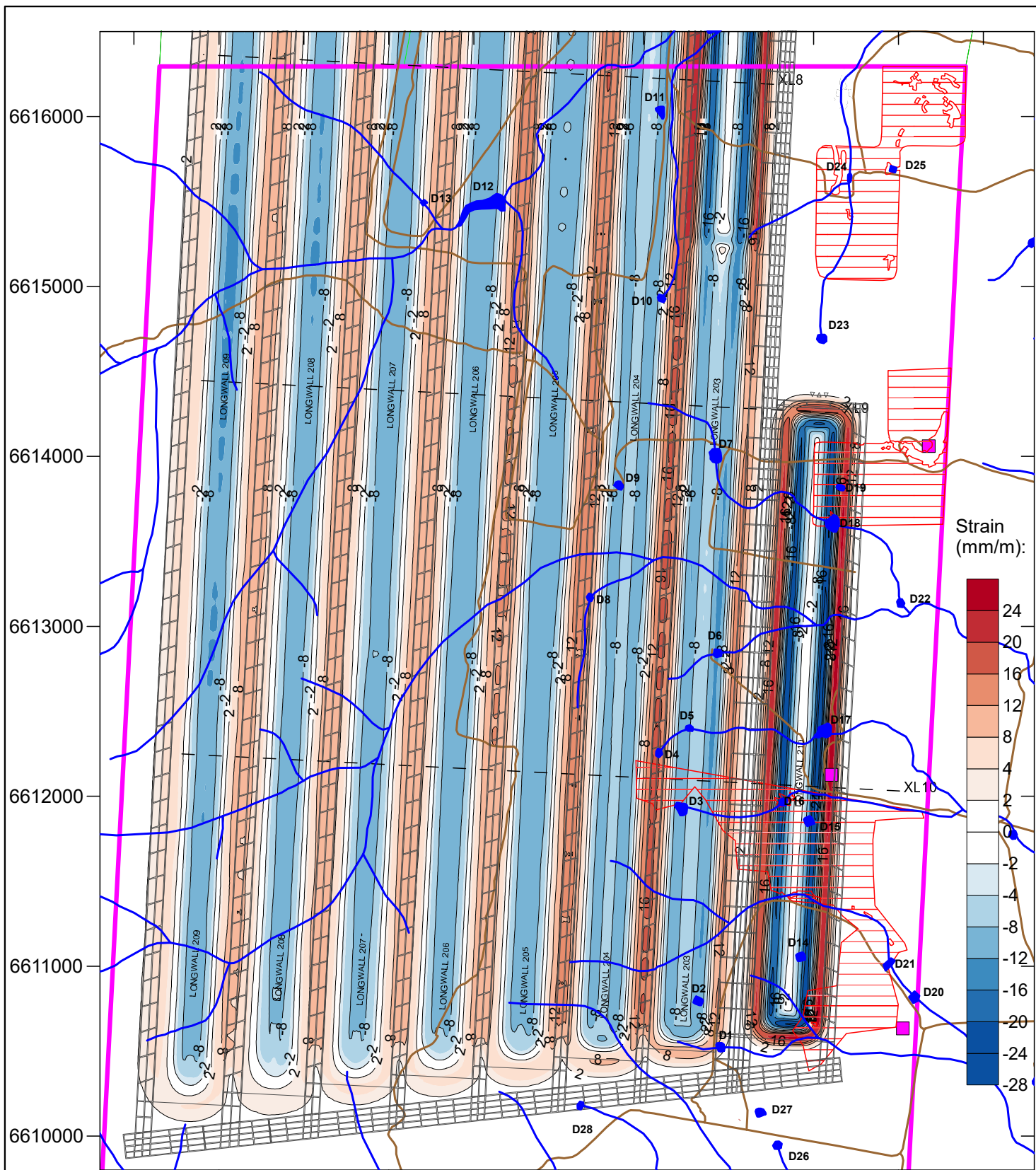
Ditton Geotechnical
Services Pty Ltd

Client: Narrabri Mine
NAR-005/1

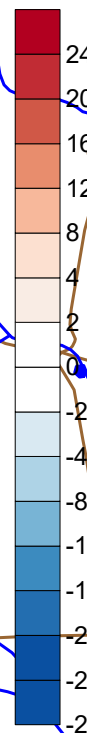
Title: Predicted Horizontal Strain Contours (U95%CL) above the Proposed
LW201 to 209

Scale: 1:40,000

Figure No: 13e



Strain
(mm/m):



DgS

Engineer: S.Ditton
Drawn: S.Ditton
Date: 10.05.17

Ditton Geotechnical
Services Pty Ltd

Client: Narrabri Mine
NAR-005/1

Title: Predicted Horizontal Strain Contours (U95%CL) above the Proposed
LW203 to 210 in the Application Area

Scale: 1:40,000

Figure No: 13f