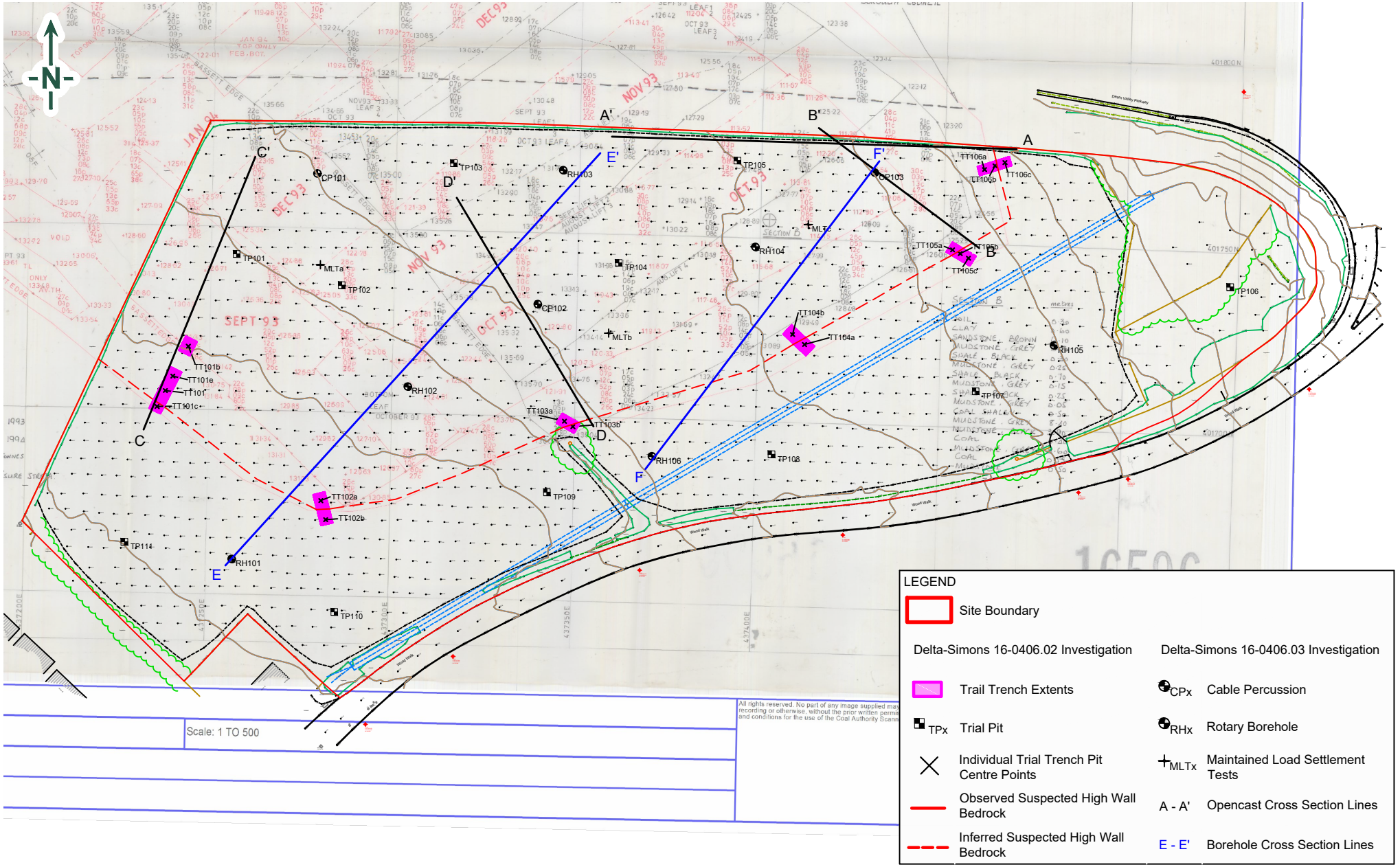


Site Plan Provided by Client

deltasimons
Environment - Health & Safety - Sustainability

TITLE:
Exploratory Hole Location Plan & Coal Authority Opencast Mining Extent Map Overlay
Wood Walk
Barnsley

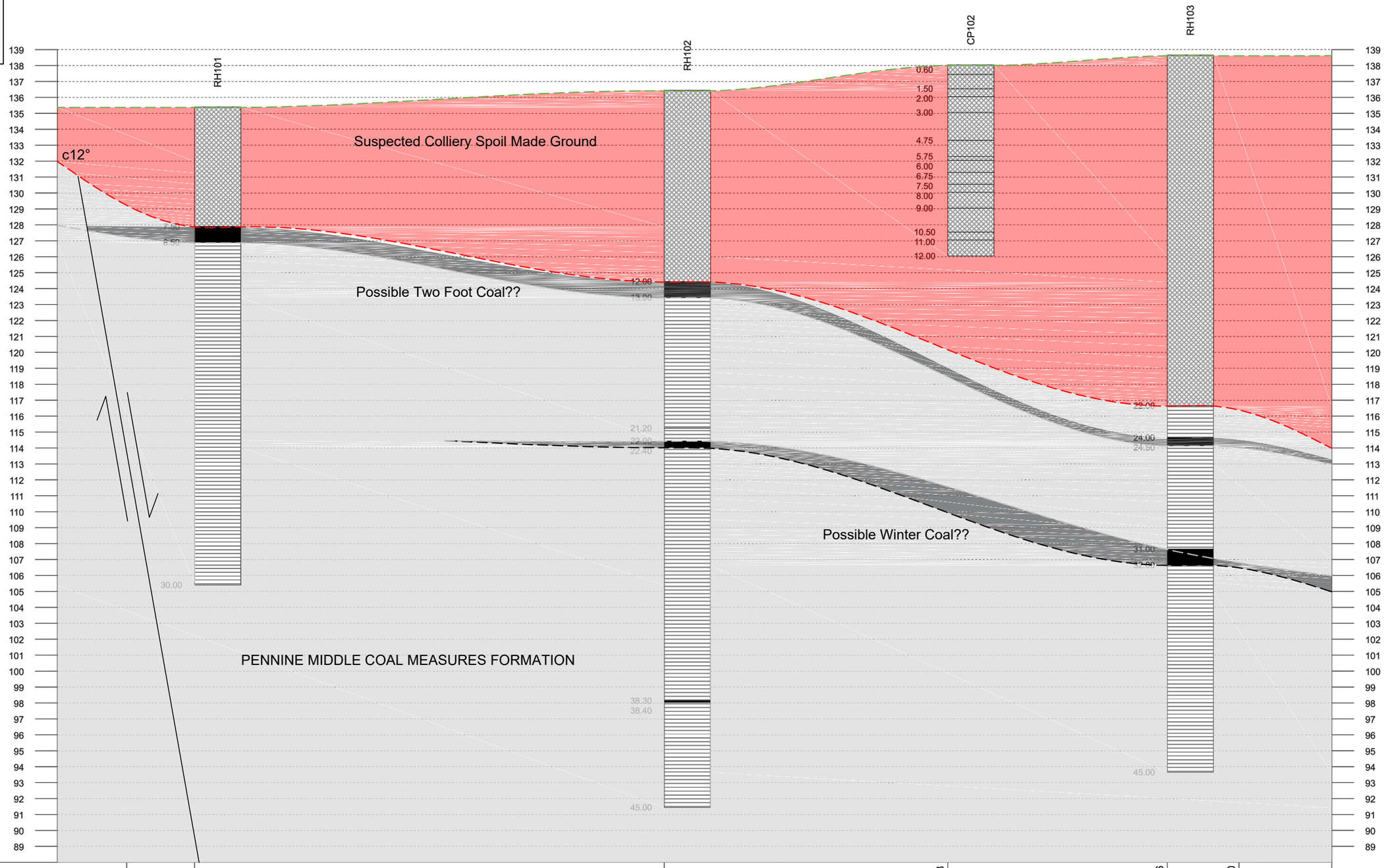
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KE	Not to Scale	16-0406.03
CHECKED BY:	REVISION:	FIGURE NO:
BB	1	3
DATE: 30 November 2020		

Figure 4a and 4b – Geological Cross Sections

NOTES:

Topography as indicated is approximate between borehole locations.

Strata boundaries are conjectured between borehole locations and are therefore approximate



Chainage (m)	0.00	9.86	77.60	118.58	150.26	160.60	
Offset (m)	0.63		2.39	13.00	7.04		
Elevation (mAOD)	135.40		136.44	138.04	138.65		

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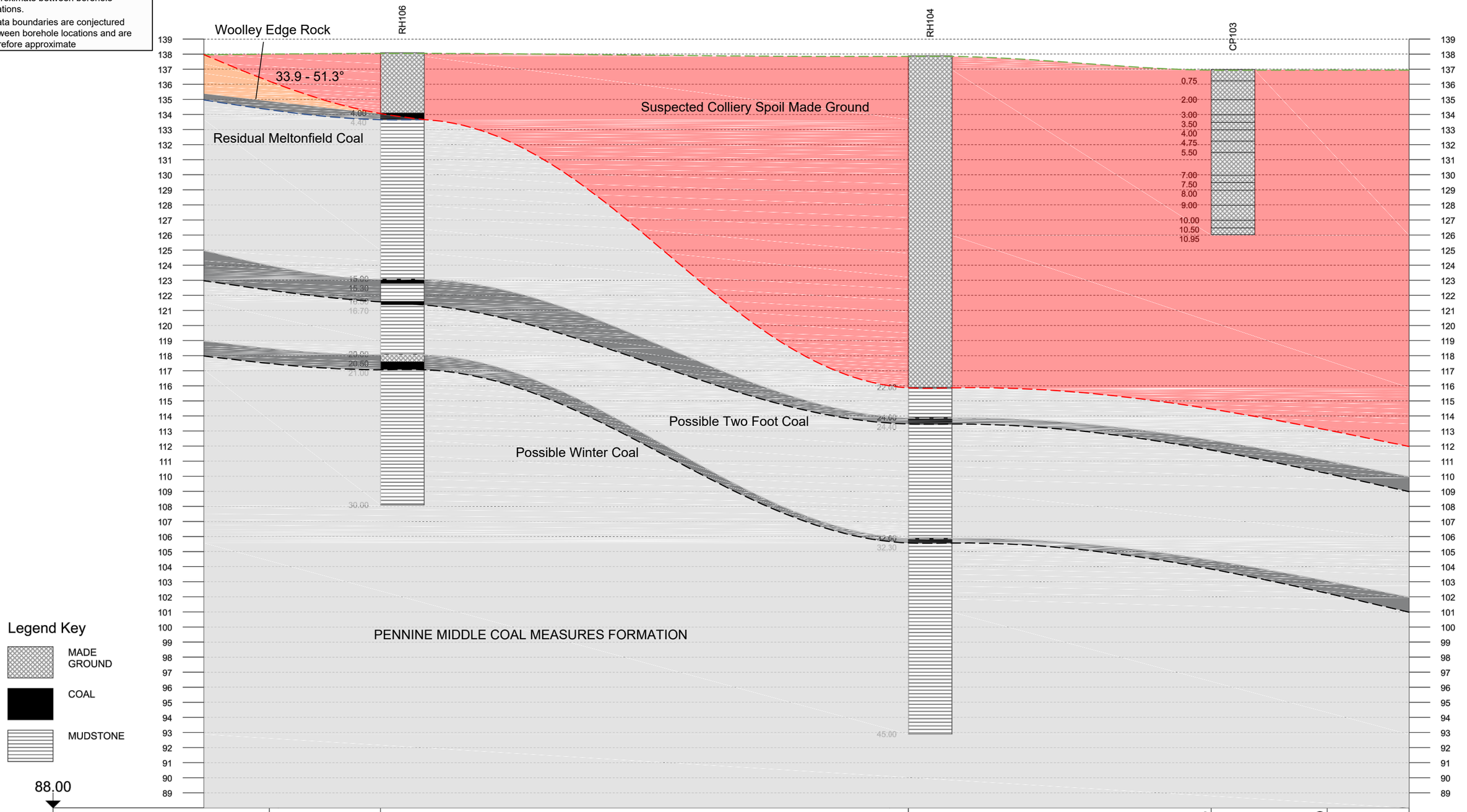
TITLE:
Geological Cross Sections RH101 - RH103 (Section E - E')
Wood Walk, Barnsley
Barnsley

DRAWN BY: KE	ENGINEER: BB	VERTICAL SCALE: 1:250	PROJECT NO: 16-0406.03
CHECKED BY: BB	REVISION:	HORIZONTAL SCALE: 1:575	FIGURE NO: 4a
DATE: 30 November 2020	CLIENT: Yelcon Ltd		

NOTES:

Topography as indicated is approximate between borehole locations.

Strata boundaries are conjectured between borehole locations and are therefore approximate



Chainage (m)	0.00	13.32	76.38	112.53	126.40	
Offset (m)	1.55	13.66	0.12			
Elevation (mAOD)	138.09	137.89	136.98			

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Environment - Health & Safety - Sustainability

TITLE:
Geological Cross Section RH106 - CP103 (Section F - F')
Wood Walk, Barnsley
Barnsley

DRAWN BY:	ENGINEER:	VERTICAL SCALE:	PROJECT NO:
KE	BB	1:250	16-0406.03
CHECKED BY:	REVISION:	HORIZONTAL SCALE:	FIGURE NO:
BB		1:450	4b
DATE: 30 November 2020	CLIENT: Yelcon Ltd		

Figure 5 – Indicative Foundation Zoning Plan



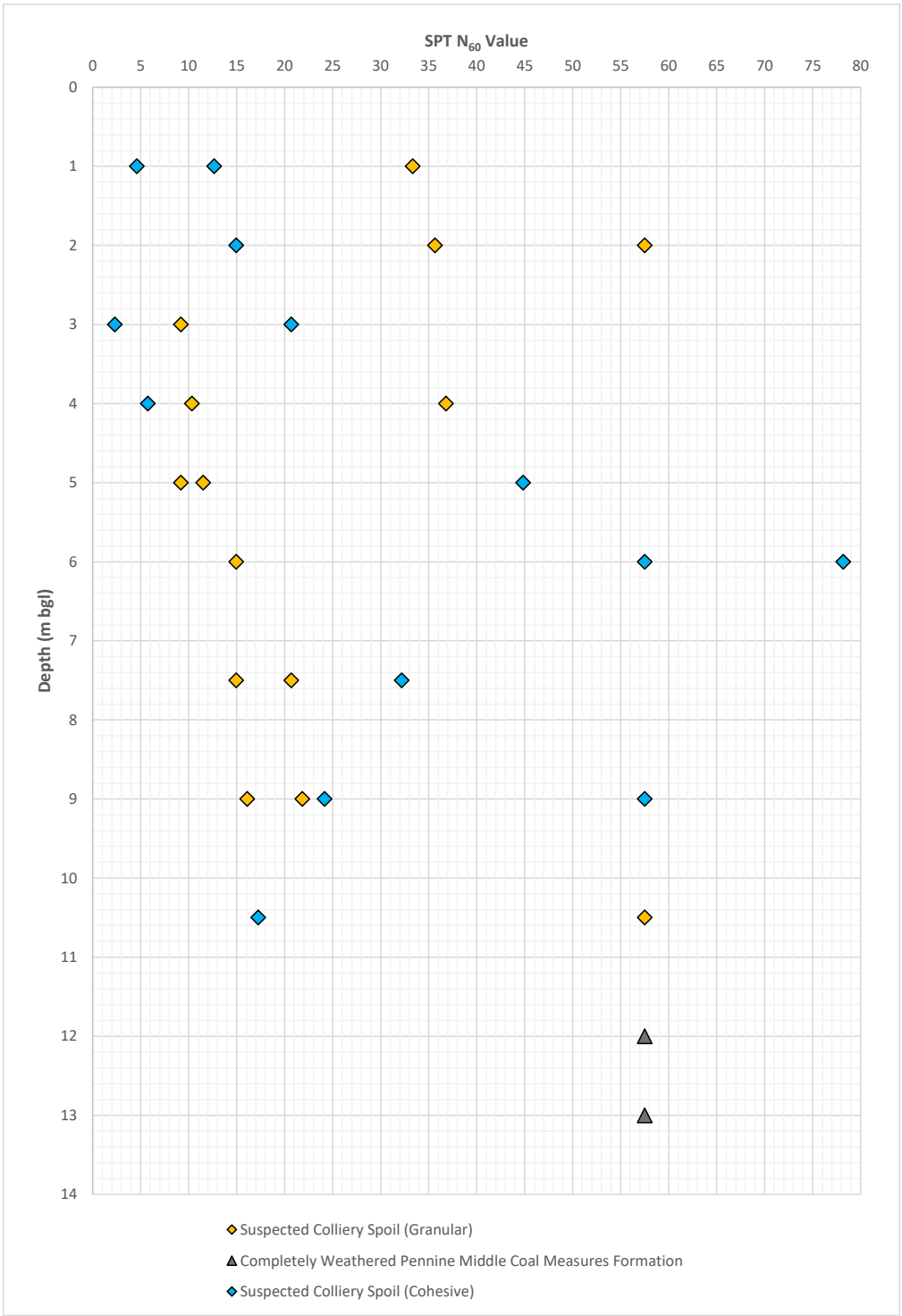
deltasimons

TITLE:

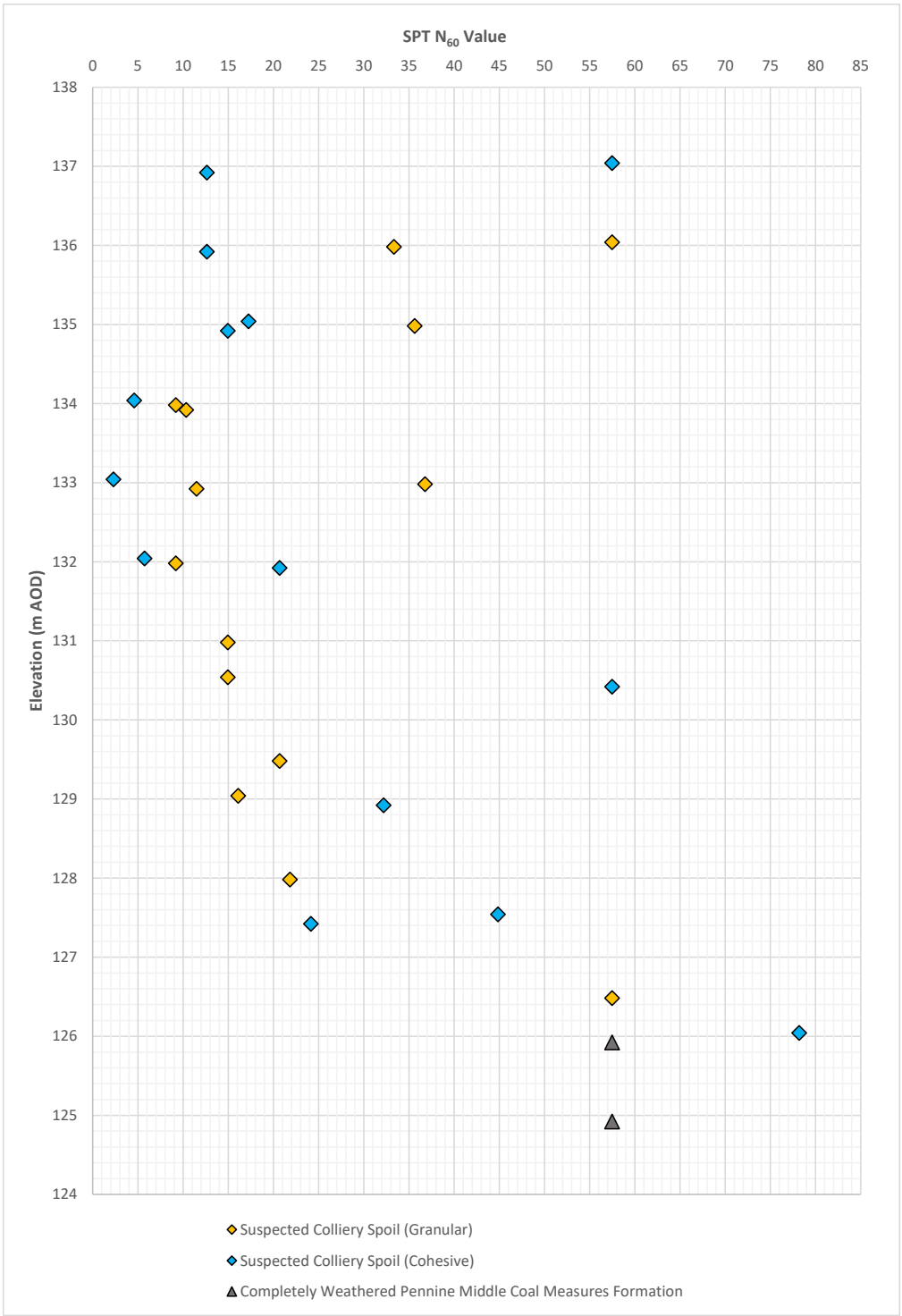
Indicative Foundation Zoning Plan
Wood Walk
Hoyland, Barnsley

DWN/CHKD:	PROJECT NO.:
RJS	16-0406.03
DATE:	FIGURE NO.:
12/03/21	5

Figure 6a and 6b – Corrected SPT N Values versus Depth / Elevation Plots



deltasimons	TITLE: Corrected SPT N_{60} Values vs Depth Plot (m bgl) Wood Walk, Barnsley	DWN: BB/RJM	PROJECT NO.: 16-0406.03
		DATE: Mar-21	Figure: 6a



deltasimons	TITLE: Corrected SPT N_{60} Values vs Elevation Plot (m AOD) Wood Walk, Barnsley	DWN: BB/RJM	PROJECT NO.: 16-0406.03
		DATE: Mar-21	Figure: 6b

Figure 7 – Maintained Load Test A Plot

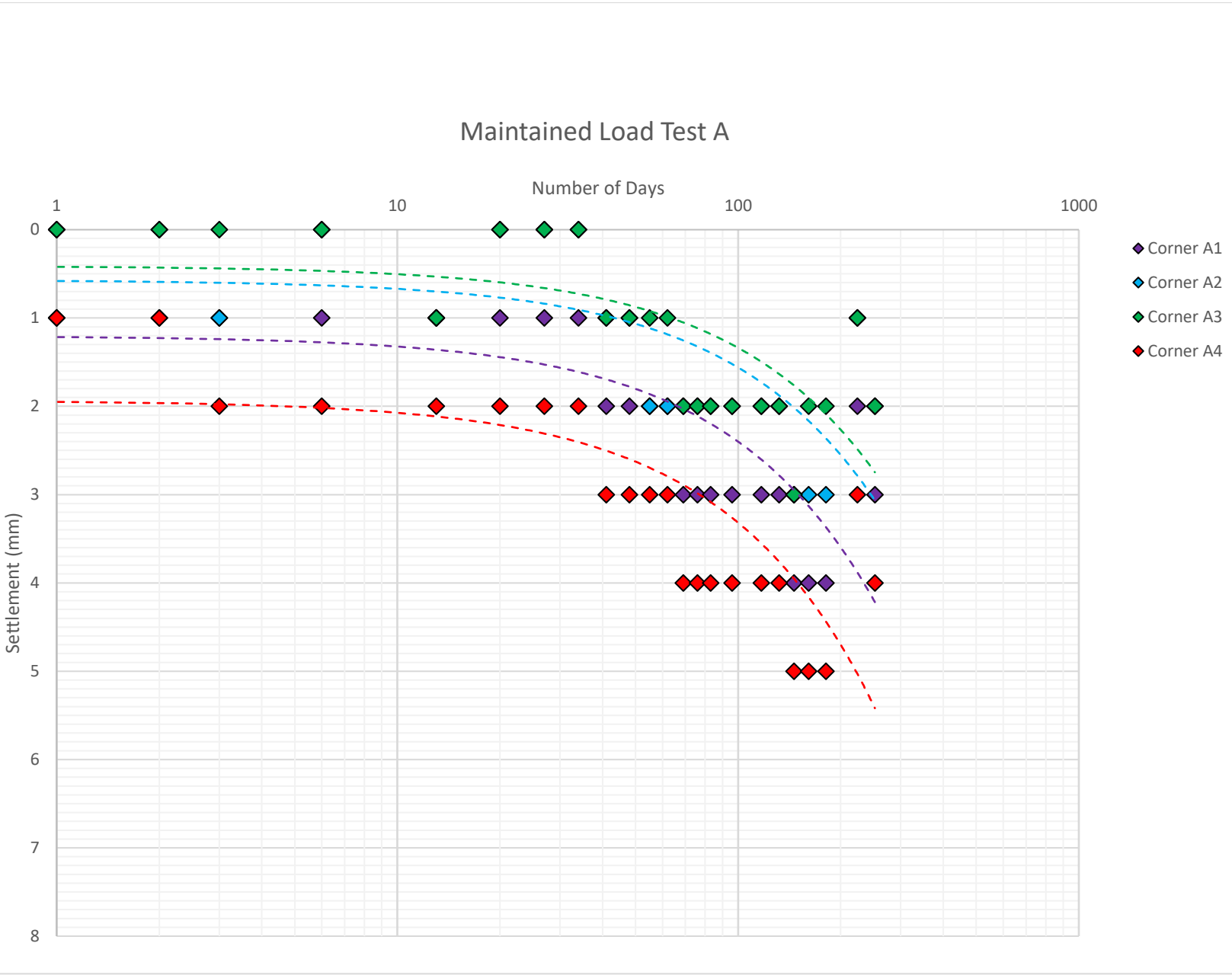

Maintained Load Test A
Number of Days
1
10
100
1000
0
1
2
3
4
5
6
7
8
Settlement (mm)
Corner A1
Corner A2
Corner A3
Corner A4

Figure 8 – Maintained Load Test B Plot

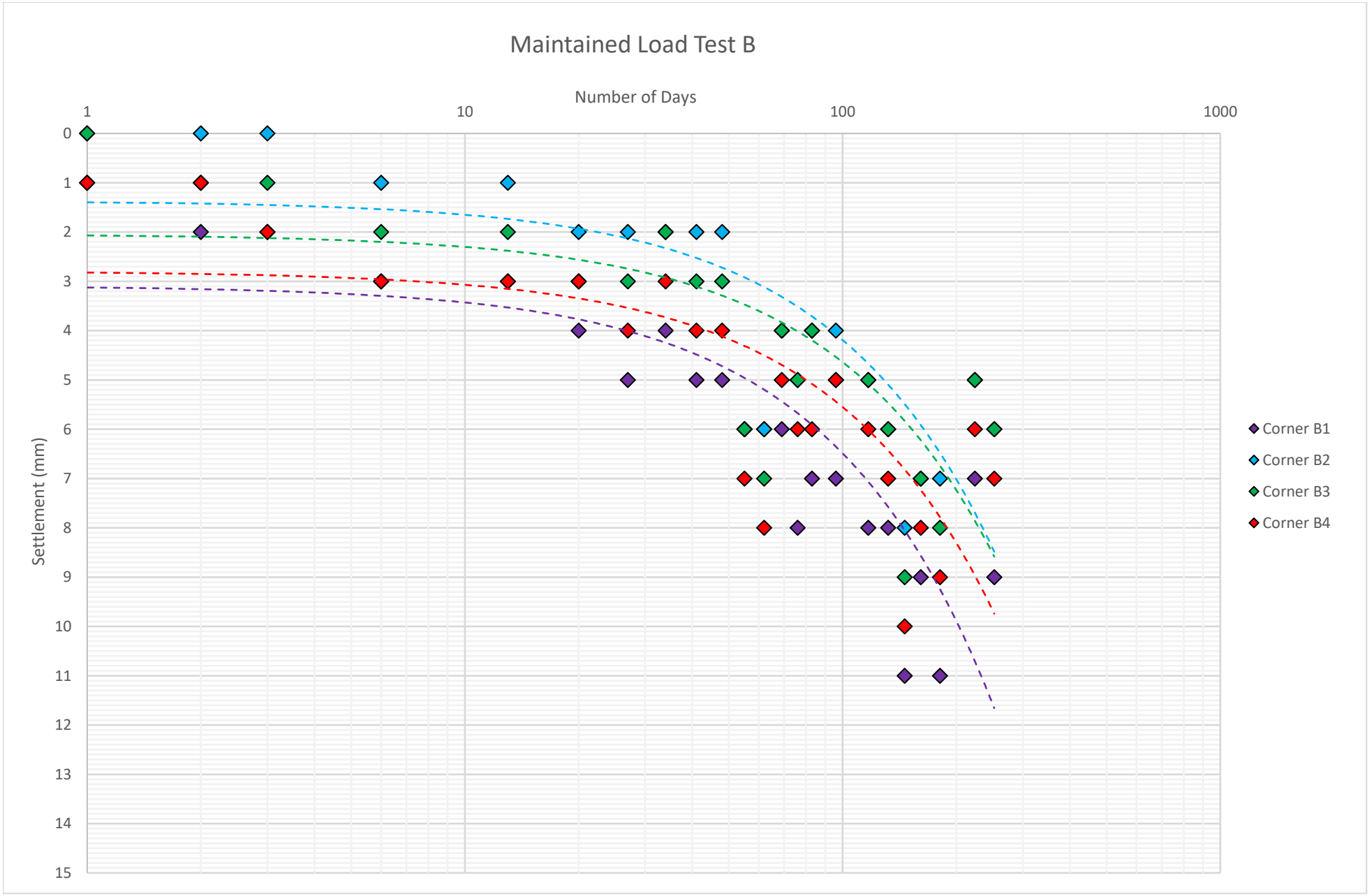

Maintained Load Test B
Number of Days
1
10
100
1000
Settlement (mm)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Corner B1
Corner B2
Corner B3
Corner B4

Figure 9 – Maintained Load Test C Plot

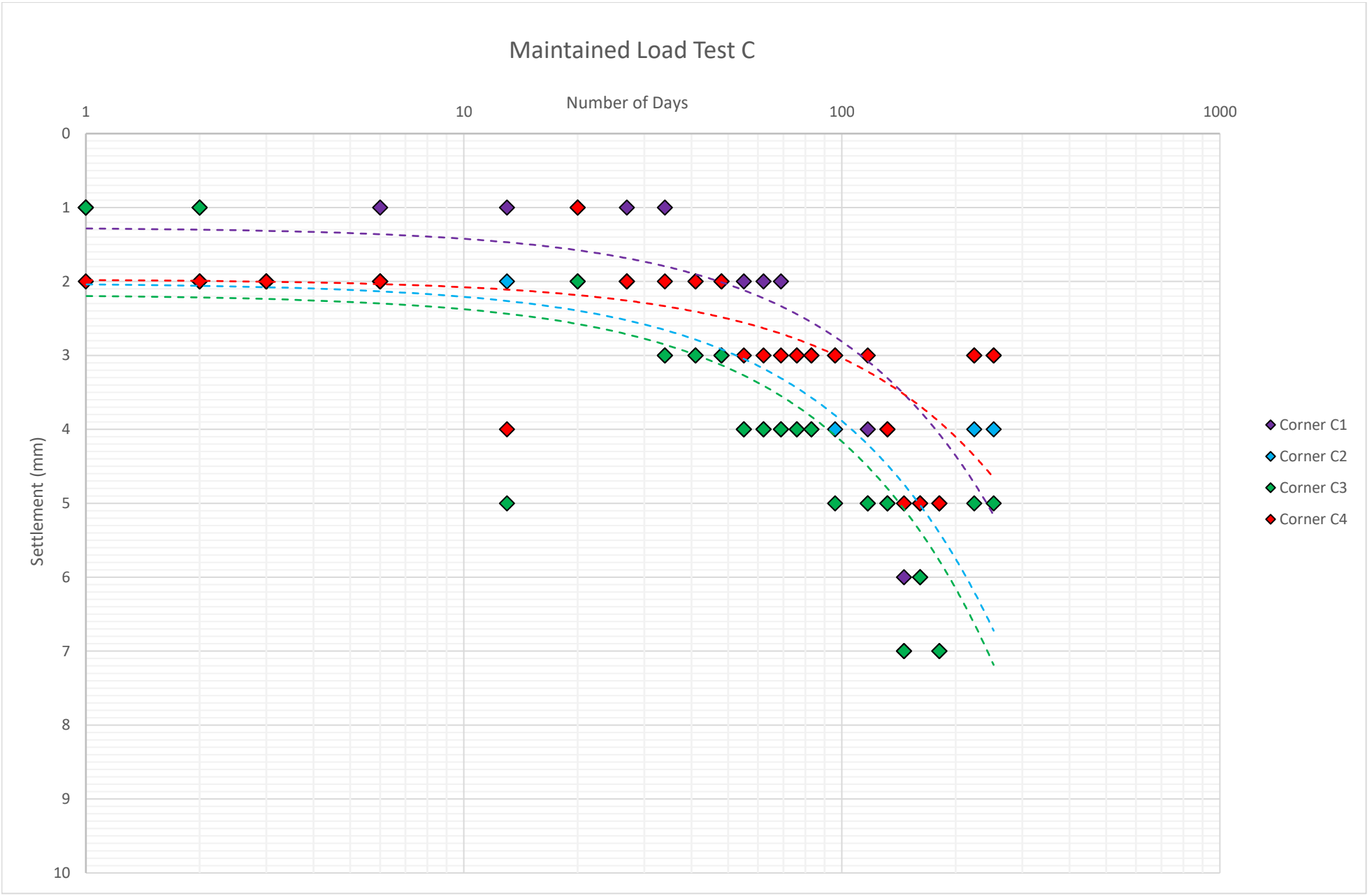

Maintained Load Test C
Number of Days
1
10
100
1000
Settlement (mm)
0
1
2
3
4
5
6
7
8
9
10
Corner C1
Corner C2
Corner C3
Corner C4

Figure 10 – High Wall Buffer Plan