



Main Platform		
• Surface is leveled at 12.85m AOD.		
• Proposed pavement construction thickness 500mm.		
Construction / Earthworks volumes		
Total Surface Area	CUT	FILL
	23,447 m ²	
Total Top Soil Volume	3,517 m ³	
Total Earthworks Volume	7,056 m ³	
Total Plan Area		15,783 m ²
Total Superficial Volume		5,456 m ³
Construction Volume Below Formation Level		7,891 m ³

Access Road		
• Proposed pavement construction thickness 350mm.		
Construction / Earthworks volumes		
Total Surface Area	CUT	FILL
	1,718 m ²	
Total Top Soil Volume	258 m ³	
Total Earthworks Volume	91 m ³	
Total Plan Area		1,300 m ²
Total Superficial Volume		635 m ³
Construction Volume Below Formation Level		455 m ³

Bund A	
Construction / Earthworks volumes	
Total Top Soil Volume	FILL
2,546 m ³	0 m ³
Total Remaining Earthworks	0 m ³

Bund B	
Construction / Earthworks volumes	
Total Top Soil Volume	FILL
1,418 m ³	1,004 m ³
Total Remaining Earthworks	1,004 m ³

Area	CUT		FILL		
	Topsoil [m ³]	Remaining Soils [m ³]	Topsoil [m ³]	Remaining g Soils [m ³]	Type 1 Subbase [m ³] (Import)
Platform	3,517	7,056	0	5,456	7,891
Access Road	258	91	0	635	455
Bund A	0	0	2,546	0	0
Bund B	0	0	1,418	1,004	0
TOTAL INSITU	3,775	7,147	Totals not required as overall		
BULKING FACTOR	1.05	1.00	bulking factors applied to cut		
PLACED TOTAL	3,964	7,147	3,964	7,095	8,346
TOTAL REQUIRED	11,111		11,059	8,346	

Earthworks Volumes

- Notes:
- All elevations are in metres above Ordnance Datum.
 - For Key Plan refer to drawing PRN-ARP-CH-010.
 - Volume of earthworks quoted do not include for bulking factors or similar. Quantities are provided for information only. Contractor to carry risk for change in quantities.

- Key:
- Planning Boundary
 - Proposed Contours

02	18/07/16	SM	RB	RB
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For Tender

01	02/07/15	KK	RB	RB
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For Information

Issue	Date	By	Chkd	Appd
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Client
Cuadrilla Bowland Ltd

Job Title
Shale Gas Exploration at Preston New Road

Compund Construction Earthworks

Scale at A1 1:1000

Discipline Highways

Job No Drawing Status
230382-00 For Approval

Drawing No Issue
PNR-ARP-CH-019 03