

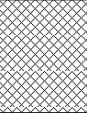
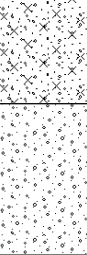
APPENDIX C

BOREHOLE LOCATION PLAN AND LOGS

 <div>ARP Geotechnical Limited</div>					<div>Windowless Sample Log</div>					<div>Borehole No.</div> <div>WS1</div> <div>Sheet 1 of 1</div>	
<div>Project Name:</div> <div>Upper Hoyland Road, Barnsley</div>					<div>Project No.</div> <div>HDE/01</div>		<div>Co-ords:</div> <div>436169.64 - 401166.66</div>			<div>Date</div> <div>24/04/2018</div>	
<div>Location:</div> <div>Upper Hoyland Road, Barnsley</div>							<div>Level:</div> <div>163.98</div>			<div>Scale</div> <div>1:20</div>	
<div>Client:</div> <div>Hoyland Developments Ltd</div>							<div>Rig Crew:</div> <div>RP Drilling Ltd</div>			<div>Logged:</div> <div>OG</div>	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.00 - 0.10	ES	50 (25 for 125mm/50 for 50mm)	0.10	163.88	         	MADE GROUND: Dark brown gravelly sand. Gravel sized fragments are angular and sub angular of brick and ceramics with rare cobbles of mudstone.	1		
		0.10 - 0.20	ES		0.20	163.78		MADE GROUND: Dark brown / black gravelly sand with occasional gravel sized fragments of brick.			
					0.50	163.48		Orangish brown occasionally greyish brown slightly gravelly silty fine SAND. (Completely weathered bedrock) [Pennine Middle Coal Measures]			
					0.70	163.28		Light greyish yellow slightly sandy angular GRAVEL of weak sandstone. (Completely weathered bedrock) [Pennine Middle Coal Measures]			
								Very dense yellowish brown silty fine SAND. (Completely weathered bedrock) [Pennine Middle Coal Measures]			
		1.00	D		1.00	162.98		NO RECOVERY			
		1.00	SPT					No recovery - SPT test			
					1.18	162.80		NO RECOVERY			
								End of Borehole at 1.175m Refusal			
								3			
								4			
<div>Groundwater: Dry</div> <div>Backfill: Backfilled with arisings.</div> <div>Remarks:</div>											
<div>RrWS_v1.054</div>											

 <div>ARP Geotechnical Limited</div>				<div>Windowless Sample Log</div>				<div>Borehole No.</div> <div>WS2</div> <div>Sheet 1 of 1</div>	
<div>Project Name:</div> <div>Upper Hoyland Road, Barnsley</div>				<div>Project No.</div> <div>HDE/01</div>		<div>Co-ords:</div> <div>436144.50 - 401173.75</div>		<div>Date</div> <div>24/04/2018</div>	
<div>Location:</div> <div>Upper Hoyland Road, Barnsley</div>						<div>Level:</div> <div>164.04</div>		<div>Scale</div> <div>1:20</div>	
<div>Client:</div> <div>Hoyland Developments Ltd</div>						<div>Rig Crew:</div> <div>RP Drilling Ltd</div>		<div>Logged:</div> <div>OG</div>	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.00 - 0.20	ES	50 (5,7/50 for 200mm)	0.20	163.84		MADE GROUND: Brown and black sandy gravel. Gravel sized fragments are angular to sub angular of brick, coal, sandstone and occasional ceramics.	1
		0.40 - 0.50	D		0.70	163.34		Yellowish brown speckled black slightly gravelly silty fine SAND with gravel of sandstone. (Completely weathered bedrock) [Pennine Middle Coal Measures].	
		1.00	SPT		1.00	163.04		Very dense yellowish brown /orangish brown occasionally grey silty fine SAND. (Completely weathered bedrock) [Pennine Middle Coal Measures].	
					1.35	162.69	RECOVERY NO RECOVERY NO RECOVERY NO RECOVERY	No recovery - SPT test	
		End of Borehole at 1.350m Refusal							2
									3
									4
<div>Groundwater: Dry</div> <div>Backfill: Backfilled with arisings.</div> <div>Remarks:</div>									

RrWS_v1.054

 <div>ARP Geotechnical Limited</div>				<div>Windowless Sample Log</div>				<div>Borehole No.</div> <div>WS3</div> <div>Sheet 1 of 1</div>	
<div>Project Name:</div> <div>Upper Hoyland Road, Barnsley</div>				<div>Project No.</div> <div>HDE/01</div>		<div>Co-ords:</div> <div>436161.18 - 401178.84</div>		<div>Date</div> <div>24/04/2018</div>	
<div>Location:</div> <div>Upper Hoyland Road, Barnsley</div>						<div>Level:</div> <div>163.47</div>		<div>Scale</div> <div>1:20</div>	
<div>Client:</div> <div>Hoyland Developments Ltd</div>						<div>Rig Crew:</div> <div>RP Drilling</div>		<div>Logged:</div> <div>OG</div>	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.00 - 0.10	SPT	N=50 (6,10/10,9,16,15)	0.30	163.17		Dark brown, black and orange gravelly sand with occasional cobbles. Gravel sized fragments are angular of brick, coal and sandstone.	<div>1</div> <div>2</div> <div>3</div> <div>4</div>
		0.15 - 0.30							
		1.00			1.00	162.47		Very dense pale yellow/grey slightly sandy slightly silty GRAVEL of weak sandstone. (Completely weathered bedrock) [Pennine Middle Coal Measures]	
					1.45	162.02	<div>RECOVERY</div> <div>NO RECOVERY</div> <div>NO RECOVERY</div> <div>NO RECOVERY</div> <div>NO RECOVERY</div>	No recovery - SPT test	
								End of Borehole at 1.450m Refusal	
<div>Groundwater: Dry</div> <div>Backfill: Backfilled with arisings</div> <div>Remarks:</div>									
<div>RrWS_v1.054</div>									