

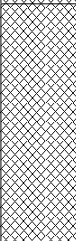
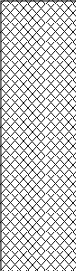
APPENDIX C

TRIAL PIT LOGS

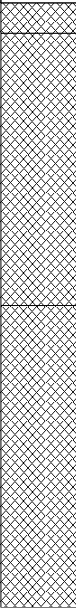
 Intégral House, 7 Beddau Way Castlegate Business Park Caerphilly CF83 2AX Tel. 029 20807991 Fax. 029 20862176 mail@integralgeotec.com			Project Name: Jacks Pill, Usk Way			Project No.: 12923		Trial Pit No.: TP01 Sheet 1 of 1	
Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.40m			
Date Excavated: 12/10/2021			Level:			Depth : 3.00m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.80	ES		0.10			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
			0.30			MADE GROUND: (Dense) grey sandy GRAVEL and COBBLES of angular and sub-angular slag and clinker.			
			0.70			MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
			2.30			MADE GROUND: (Loose) grey slightly clayey slightly sandy fine to coarse GRAVEL of rounded to angular sandstone. With rare brick.			
2.70	ES		2.50		Firm grey organic CLAY [estuarine alluvium - dessicated crust].				
			3.00		End of Trialpit at 3.00 m				
Remarks:			Groundwater: Fast inflow of perched groundwater at 2.3m bgl.			Key:			
			Stability: Overbreak and spalling of excavation sides.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions Depth : 3.00m 2.50m			
Date Excavated: 12/10/2021			Level:						
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.60	ES		0.15			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
						MADE GROUND: (Very dense) grey sandy GRAVEL and COBBLES of angular slag and clinker.			
						MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
2.20	ES		1.40			MADE GROUND: (Medium dense) dark grey and black silty sandy fine to coarse GRAVEL with medium cobble content. Gravel and cobbles are angular and sub-angular of ash, brick, concrete and lime. With occasional timber and plastic.			
						MADE GROUND: (Loose) grey gravelly fine to coarse SAND. Gravel is fine to coarse rounded to angular of sandstone - mild hydrocarbon odour.			
						MADE GROUND: (Loose) grey gravelly fine to coarse SAND. Gravel is fine to coarse rounded to angular of sandstone - mild hydrocarbon odour.			
2.90	ES		2.70			Soft grey organic CLAY [estuarine alluvium].			
			3.00			End of Trialpit at 3.00 m			
Remarks:			Groundwater: Fast inflow of perched groundwater at 2.0m bgl.			Key:			
			Stability: Collapse of excavation sides to ground level.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			



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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.30m			
Date Excavated: 12/10/2021			Level:			Depth : 3.20m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.40	ES		0.10			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
			0.30			MADE GROUND: (Dense) grey sandy GRAVEL and COBBLES of angular and sub-angular slag and clinker.			
1.30	ES		1.10			MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
			1.30			MADE GROUND: Firm black gravelly SILT. Gravel is fine to coarse sub-angular and angular of ash, brick, limestone and lime. With occasional plastic, metal and timber - mild hydrocarbon odour.			
3.00	ES		2.00			MADE GROUND: (Loose) grey brown gravelly fine to coarse SAND. Gravel is fine to coarse angular to rounded of sandstone.			
			2.90			Firm grey organic CLAY [estuarine alluvium - dessicated crust].			
			3.20			End of Trialpit at 3.20 m			
Remarks:			Groundwater: Fast inflow of perched groundwater at 2.0m bgl.			Key:			
			Stability: Overbreak and spalling of excavation sides.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

Intégral Géotechnique Intégral House, 7 Beddau Way Castlegate Business Park Caerphilly CF83 2AX Tel. 029 20807991 Fax. 029 20862176 mail@integralgeotec.com			Project Name: Jacks Pill, Usk Way			Project No.: 12923		Trial Pit No.: TP04 Sheet 1 of 1	
Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.40m			
Date Excavated: 12/10/2021			Level:			Depth : 3.00m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.40	ES		0.20			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
						MADE GROUND: (Medium dense) dark grey slightly sandy coarse GRAVEL and COBBLES of angular sandstone [ballast].			
						MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
						MADE GROUND: (Loose) dark grey and black slightly clayey sandy fine to coarse GRAVEL of rounded to angular sandstone, and angular brick and ash.			
1.60	ES		1.20						
			1.90 2.00			Soft brown organic CLAY with frequent decomposed grass [buried topsoil].			
						Soft to firm grey organic CLAY [estuarine alluvium].			
			3.00			End of Trialpit at 3.00 m			
Remarks:			Groundwater: Heavy seepage of perched groundwater at 1.6m bgl.			Key: D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			
			Stability: Overbreak and spalling of excavation sides.						

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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.30m			
Date Excavated: 12/10/2021			Level:			Depth : 3.00m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.50 0.50	B ES		0.10			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate]. MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
			1.00			MADE GROUND: (Medium dense) dark grey and black silty sandy fine to coarse GRAVEL with medium cobble and boulder content. Gravel and cobbles are angular and sub-angular of ash, brick, concrete and lime. Boulders (up to 1.0m x 0.6m x 0.5m) are angular of concrete and sandstone. With occasional timber and plastic.			
2.00	D		2.00			Soft grey organic CLAY [estuarine alluvium].			
			3.00			End of Trialpit at 3.00 m			
Remarks:			Groundwater: No groundwater encountered.			Key:			
			Stability: Overbreak and spalling of excavation sides.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.30m			
Date Excavated: 12/10/2021			Level:			Depth : 2.60m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.30	ES		0.15			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
0.50	B		0.40			MADE GROUND: (Dense) grey sandy GRAVEL and COBBLES of angular and sub-angular slag and clinker.			
1.50	ES		1.30			MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
2.30	ES		2.30			MADE GROUND: (Medium dense) dark grey very silty sandy fine to coarse GRAVEL of angular and sub-angular sandstone, brick, lime and ash.			
			2.60			Firm grey organic CLAY [estuarine alluvium - dessicated crust].			
						End of Trialpit at 2.60 m			
Remarks:			Groundwater: No groundwater encountered.			Key:			
			Stability: Overbreak and spalling of excavation sides.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.60m			
Date Excavated: 12/10/2021			Level:			Depth : 3.00m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
1.00	ES		0.15			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
			0.30			MADE GROUND: (Dense) grey sandy GRAVEL and COBBLES of angular and sub-angular slag and clinker.			
						MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
			1.00			MADE GROUND: (Medium dense) dark grey very silty sandy fine to coarse GRAVEL of angular and sub-angular sandstone, brick, lime and ash.			
			1.90			MADE GROUND: (Medium dense) red brown silty sandy GRAVEL and COBBLES of rounded to angular sandstone. With occasional timber.			
			2.60			Firm grey organic CLAY [estuarine alluvium - dessicated crust].			
			3.00			End of Trialpit at 3.00 m			
Remarks:			Groundwater: Fast inflow of perched groundwater at 1.9m bgl.			Key:			
			Stability: Overbreak and spalling of excavation sides.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions Depth : 3.20m 0.60m 2.40m			
Date Excavated: 12/10/2021			Level:						
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.50 0.50	B ES		0.15			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
			0.40			MADE GROUND: (Dense) grey sandy GRAVEL and COBBLES of angular and sub-angular slag and clinker.			
2.00	ES		1.40			MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
			1.80			MADE GROUND: Soft to firm red brown gravell CLAY. Gravel is fine to coarse rounded of sandstone and angular of brick.			
			2.40			MADE GROUND: Soft black gravelly SILT. Gravel is fine to coarse of ash and brick. With occasional ceramic.			
			2.90			MADE GROUND: (Loose) red brown silty sandy GRAVEL and COBBLES of rounded to angular sandstone. With occasional timber.			
			3.20			Firm grey organic CLAY [estuarine alluvium - dessicated crust].			
			End of Trialpit at 3.20 m						
Remarks:			Groundwater: Fast inflow of perched groundwater at 2.4m bgl.			Key:			
			Stability: Overbreak and spalling of excavation sides.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.40m			
Date Excavated: 12/10/2021			Level:			Depth : 2.80m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.40	ES		0.10			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate]. MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
1.00	ES		0.90			MADE GROUND: (Medium dense) dark grey and black silty sandy fine to coarse GRAVEL with medium cobble content. Gravel and cobbles are angular and sub-angular of ash, brick, concrete and lime. With occasional timber and plastic.			
1.60	D		1.60			Soft grey organic CLAY [estuarine alluvium].			
			2.80			End of Trialpit at 2.80 m			
Remarks:			Groundwater: Heavy seepage of perched groundwater at 1.6m bgl.			Key:			
			Stability: Overbreak and spalling of excavation sides.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.20m			
Date Excavated: 12/10/2021			Level:			Depth : 2.80m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
0.40	ES		0.10			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
			0.30			MADE GROUND: (Medium dense) dark grey slightly sandy coarse GRAVEL and COBBLES of angular sandstone [ballast].			
			0.60			MADE GROUND: Firm red brown slightly gravelly silty CLAY. Gravel is fine to coarse rounded of sandstone. With occasional glass and metal.			
					1.90			MADE GROUND: (Loose) red brown silty sandy GRAVEL and COBBLES of rounded to angular sandstone. With occasional timber.	
			2.50		Firm grey organic CLAY [estuarine alluvium - dessicated crust].				
			2.80		End of Trialpit at 2.80 m				
Remarks:			Groundwater: Fast inflow of perched groundwater at 1.9m bgl.			Key:			
			Stability: Collapse of excavation sides to ground level.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

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Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25	
Equipment: JCB 3CX			Coordinates:			Dimensions 2.60m			
Date Excavated: 12/10/2021			Level:			Depth : 3.20m 0.60m			
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description			
Depth (m)	Type	Results							
			0.20			MADE GROUND: (Loose) grey and red brown sandy fine to coarse GRAVEL of angular limestone [aggregate].			
						MADE GROUND: (Dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].			
			1.40			MADE GROUND: (Medium dense) dark grey and black silty sandy fine to coarse GRAVEL with medium cobble content. Gravel and cobbles are angular and sub-angular of ash, brick, concrete and lime. With occasional timber and plastic.			
			2.10			Firm grey organic CLAY [estuarine alluvium - dessicated crust]. - old 8inch diameter clay pipe encountered at 2.2m bgl.			
			3.20			End of Trialpit at 3.20 m			
Remarks:			Groundwater: Heavy seepage of perched groundwater at 2.0m bgl.			Key:			
			Stability: Overbreak and spalling of excavation sides.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample			

			Intégral House, 7 Beddau Way Castlegate Business Park Caerphilly CF83 2AX Tel. 029 20807991 Fax. 029 20862176 mail@integralgeotec.com			Project Name: Jacks Pill, Usk Way			Project No.: 12923		Trial Pit No.: TP12 Sheet 1 of 1	
Location: Newport			Client: Jehu Group			Logged By: JJ		Scale 1:25				
Equipment: JCB 3CX			Coordinates:			Dimensions Depth : 3.60m 0.60m						
Date Excavated: 12/10/2021			Level:									
Samples & In-situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description						
Depth (m)	Type	Results										
			0.50			MADE GROUND: Grass over (dense) grey and brown sandy fine to coarse GRAVEL of angular slag, brick and concrete [compacted fill].						
						MADE GROUND: (Loose) dark grey and black silty sandy fine to coarse GRAVEL with medium cobble content. Gravel and cobbles are angular and sub-angular of ash, brick, concrete and lime. With occasional timber and plastic.						
			3.60			End of Trialpit at 3.60 m						
Remarks:			Groundwater: Heavy seepage of perched groundwater at 3.5m bgl.			Key:						
			Stability: Collapse of excavation sides to ground level.			D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample W - Water sample						