



Inland Geotechnical

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Geotechnical Log - Borehole

BH01

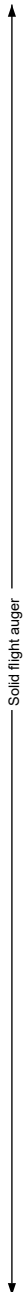
UTM	: 55H	Drill Rig	: Christie (3.1m Mast)	Job Number	: 23
Easting (m)	: 538,480.00	Driller Supplier	: Inland Geo	Client	: NGH Consulting
Northing (m)	: 61,118,275.00	Logged By	: A. Rudd	Project	: Geotechnical Investigation
Ground Elevation	: Not Surveyed	Reviewed By	: A. Rudd	Location	: 116 Bavin Road, Bomen NSW
Total Depth	: 5 m BGL	Date	: 15/07/2024	Loc Comment	:

Drilling Method	Depth (m)	Soil Origin	Graphic Log	Material Description	Samples	Observations
Solid flight auger	0.05	Topsoil		Topsoil CL: Sandy to silty CLAY, black, low plasticity, soft, organic, w ≈ pl, medium to coarse grained sand.		
	0.3	Residual		Residual CL-CI: Sandy CLAY, red brown, low to medium plasticity, firm, inorganic, w ≈ pl, medium to coarse grained sand.		
	0.6	Residual		Residual CL-CI: Sandy CLAY, red, low to medium plasticity, stiff, inorganic, w < pl, medium to coarse grained sand.		
	1.2	Residual		Residual CL-CI: Sandy CLAY, red yellow, low to medium plasticity, stiff to very stiff, inorganic, w < pl, medium to coarse grained sand.		
	2.5	Residual		Residual CL-CI: Sandy CLAY, brown red, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium grained sand.		
	3.8	Residual		Residual CL-CI: Sandy CLAY, brown red, low to medium plasticity, very stiff, inorganic, w ≈ pl to w > pl, medium to coarse grained sand.		
	4.5	Extremely Weathered Material		Extremely weathered material CL-CI: Sandy CLAY, brown, low to medium plasticity, very stiff, inorganic, w ≈ pl, medium to coarse grained sand, trace fine sized gravel.		
	5			BH01 Terminated at 5m		

UTM : 55H	Drill Rig : Christie (3.1m Mast)	Job Number : 23
Easting (m) : 538,475.00	Driller Supplier : Inland Geo	Client : NGH Consulting
Northing (m) : 6,118,217.00	Logged By : A. Rudd	Project : Geotechnical Investigation
Ground Elevation : Not Surveyed	Reviewed By : A. Rudd	Location : 116 Bavin Road, Bomen NSW
Total Depth : 5 m BGL	Date : 15/07/2024	Loc Comment :

Drilling Method	Depth (m)	Soil Origin	Graphic Log	Material Description	Samples	Observations
Solid flight auger	0.05	Topsoil		Topsoil CL: Sandy to silty CLAY, black, low plasticity, soft, organic, w ≈ pl, medium to coarse grained sand.		
	0.3	Residual		Residual CL-CI: Sandy CLAY, red brown, low to medium plasticity, firm, inorganic, w ≈ pl, medium to coarse grained sand.		
	0.6	Residual		Residual CL-CI: Sandy CLAY, red, low to medium plasticity, stiff, inorganic, w < pl, medium to coarse grained sand.		
	1.2	Residual		Residual CL-CI: Sandy CLAY, red yellow, low to medium plasticity, stiff to very stiff, inorganic, w < pl, medium to coarse grained sand.		
	1.5	Residual		Residual CL-CI: Sandy CLAY, red, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium to coarse grained sand.		
	2.5	Residual		Residual CL-CI: Sandy CLAY, yellow, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium to coarse grained sand.		
	3	Residual		Residual CL-CI: Sandy CLAY, brown yellow, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium grained sand, trace fine sized gravel.		
	3.5	Extremely Weathered Material		Extremely weathered material CL: Sandy CLAY, yellow brown, low plasticity, very stiff to hard, inorganic, w ≈ pl, medium to coarse grained sand.		
	3.8	Extremely Weathered Material		Extremely weathered material CL-CI: Sandy CLAY, brown, low to medium plasticity, very stiff, inorganic, w ≈ pl to w > pl, medium to coarse grained sand, trace fine sized gravel.		
	4	Extremely Weathered Material		Extremely weathered material SC: Clayey SAND, yellow, low plasticity clay, very dense, medium to coarse grained, dry.		
	5			BH02 Terminated at 5m		

UTM : 55H	Drill Rig : Christie (3.1m Mast)	Job Number : 23
Easting (m) : 538,463.00	Driller Supplier : Inland Geo	Client : NGH Consulting
Northing (m) : 6,118,155.00	Logged By : A. Rudd	Project : Geotechnical Investigation
Ground Elevation : Not Surveyed	Reviewed By : A. Rudd	Location : 116 Bavin Road, Bomen NSW
Total Depth : 5 m BGL	Date : 15/07/2024	Loc Comment :

Drilling Method	Depth (m)	Soil Origin	Graphic Log	Material Description	Samples	Observations
	0.05	Topsoil		Topsoil CL: Sandy to silty CLAY, black, low plasticity, soft, organic, w ≈ pl, medium to coarse grained sand.		
	0.3	Residual		Residual CL-CI: Sandy CLAY, red brown, low to medium plasticity, firm, inorganic, w ≈ pl, medium to coarse grained sand.		
	0.6	Residual		Residual CL-CI: Sandy CLAY, red, low to medium plasticity, stiff, inorganic, w < pl, medium to coarse grained sand.		
	1.2	Residual		Residual CL-CI: Sandy CLAY, red yellow, low to medium plasticity, stiff to very stiff, inorganic, w < pl, medium to coarse grained sand.		
	1.6	Residual		Residual CL-CI: Sandy CLAY, red, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium to coarse grained sand.		
	2.5	Residual		Residual CL-CI: Sandy CLAY, yellow, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium to coarse grained sand.		
	3	Residual		Residual CL-CI: Sandy CLAY, brown yellow, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium grained sand, trace fine sized gravel.		
	3.6	Extremely Weathered Material		Extremely weathered material CL: Sandy CLAY, yellow brown, low plasticity, very stiff to hard, inorganic, w ≈ pl, medium to coarse grained sand.		
	3.8	Extremely Weathered Material		Extremely weathered material CL-CI: Sandy CLAY, brown, low to medium plasticity, hard, inorganic, w ≈ pl to w > pl, medium to coarse grained sand, trace fine sized gravel.		
	4	Extremely Weathered Material		Extremely weathered material SC: Clayey SAND, pale yellow, low plasticity clay, very dense, medium to coarse grained, dry.		
	5			BH03 Terminated at 5m		

UTM : 55H	Drill Rig : Christie (3.1m Mast)	Job Number : 23
Easting (m) : 538,457.00	Driller Supplier : Inland Geo	Client : NGH Consulting
Northing (m) : 6,118,096.00	Logged By : A. Rudd	Project : Geotechnical Investigation
Ground Elevation : Not Surveyed	Reviewed By : A. Rudd	Location : 116 Bavin Road, Bomen NSW
Total Depth : 5 m BGL	Date : 15/07/2024	Loc Comment :

Drilling Method	Depth (m)	Soil Origin	Graphic Log	Material Description	Samples	Observations
Solid flight auger	0.05	Topsoil		Topsoil CL: Sandy to silty CLAY, black, low plasticity, soft, organic, w ≈ pl, medium to coarse grained sand.		
	0.3	Residual		Residual CL-CI: Sandy CLAY, red brown, low to medium plasticity, firm, inorganic, w ≈ pl, medium to coarse grained sand.		
	0.6	Residual		Residual CL-CI: Sandy CLAY, red, low to medium plasticity, stiff, inorganic, w < pl, medium to coarse grained sand.		
	1.2	Residual		Residual CL-CI: Sandy CLAY, red yellow, low to medium plasticity, stiff to very stiff, inorganic, w < pl, medium to coarse grained sand.		
	1.7	Residual		Residual CL-CI: Sandy CLAY, red yellow, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium to coarse grained sand.		
	2.3	Residual		Residual CL-CI: Sandy CLAY, brown yellow, low to medium plasticity, very stiff to hard, inorganic, w < pl, medium grained sand, trace fine sized gravel.		
	3.2	Extremely Weathered Material		Extremely weathered material CL: Sandy CLAY, yellow brown, low plasticity, very stiff to hard, inorganic, w ≈ pl, medium to coarse grained sand.		
	3.8	Extremely Weathered Material		Extremely weathered material CL-CI: Sandy CLAY, brown, low to medium plasticity, hard, inorganic, w ≈ pl to w > pl, medium to coarse grained sand, trace fine sized gravel.		
	4.2	Extremely Weathered Material		Extremely weathered material SC: Clayey SAND, pale yellow, low plasticity clay, very dense, medium to coarse grained, dry.		
	5			BH04 Terminated at 5m		