

FINE spol. s r.o. Závěrka 12, Praha 6, 169 00		Log of Boring		BH1	
Project: Apartment building "Moonlighting" - Geological survey					
Project ID: AA_0014 - 2019		Annex no.: A.1G	Drilling equipment: Hütte 202 TF		
Location: Prague 12		Overall depth: 24,00 m		Borehole position:	
Date start: 22.11.2017	Foreman: Mr. Young	Ground water table:		Coordinate X: 1039757,71	
Date end: 23.11.2017	Documented: Mr. Smith	GWT bored: 15,80 m		Coordinate Y: 745144,86	
Scale: one page		GWT steady: 12,50 m		Coordinate Z: 209,05 m	
Drilling:			Casing:		
Depth from	Depth to	Drilling dia.	Depth from	Depth to	Casing dia.
0,00 m	20,00 m	195 mm	0,00 m	20,00 m	191 mm
20,00 m	24,00 m	156 mm			

Stratigraphy	BH1	Samples and GWT	Classification according to EN ISO 14688-1	RQD [%]	From - To	Layers description	Notes		
Recent	Fill	2086	saCl	-	0,00 - 4,90	Fill: fine grained SAND with some silt, dense, mixed with cobbles of concrete and pieces of bricks partly the size is larger than the borehole diameter, black colour of the soil	Easy drilling		
			Gr		4,90 - 6,40	Fill: coarse GRAVEL with some silt (clayey shale) and fresh angular cobbles up to 15 cm, dark grey colour			
	Quaternary	Sand with trace of fines	2087	Sa	6,40 - 8,60	Sand with trace of fines: medium grained with some fine soil, dense, rust-brown			
				grCl	8,60 - 9,60	Gravelly clay: hard, gravel particles up to 10 mm (weathered shale), brown			
		Sandy clay	2087	sasiCl	9,60 - 10,50	Sandy clay: hard, with some pieces of gravel (quartz) up to 50 mm dia., brown			
				saCl	10,50 - 12,00	Sandy clay: with some gravel, hard, gravel - sub angular shale up to 10 mm, sand is fine, mica included, brown colour			
		Ordovician	Shale, fully weathered	12,50	grCl	12,00 - 14,80		Shale, fully weathered: residual soil, clay character with small particles of shale up to 5 mm, gravel parts are weathered, grey	
					Shale, weathered	15,80		-	8
			-	35				15,80 - 19,30	Shale, moderately weathered: layered, drill sharp fragments 10-50 mm, gently inclines, weak/moderately strong, wet, dark grey
			-	87				19,30 - 24,00	Shale, slightly weathered: moderate strong, fine layered, steeply inclined, wet (saturated – under water table), dark grey
	Shale, slightly weathered	2095					Loosing of drilling fluid		

Key:

- ▽ GWT bored
- ▲ GWT steady
- undisturbed
- disturbed
- rock strength