

					BOREHOLE: TS6		CLIENT:				WORKSITE: San Michele al Tagliamento (VE)													
					Elevation: 0,00 m		Levee crest																	
Depth (m)		Stratigraphy	Samples		%Carot.	R.Q.D.	SOIL DESCRIPTION AND CLASSIFICATION (UNI EN ISO 14688-1)					PEN. kPa	TOR. kPa	Prof. in metri.	S.P.T.		Vane Test		Depth (m)	Piezo meter	Water	table		
															Numero Colpi	Altezza cm.	Max kPa	Res kPa						
5	0.10	0.10					Brown weakly silty fine sand, with grass cover. Light brown weakly silty fine sand from 1.40 m, with silt nodules; very rare fine to medium gravel fragments present.																	SHELBY sampler
	5.40						p.a. The same p.b. Light brown weakly silty fine sand. Light brown weakly silty to locally silty fine sand.																	
	5.50	0.75					Sandy silt, locally weakly clayey, light brown.					100	35											
	6.25	0.95					p.a. The same. p.b. Light brown weakly silty fine sand from 6.90 m. Light brown silty fine sand, locally with silt; a thin layer (5 cm) of weakly sandy clayey silt is present at 9.00 m.					60	15											
	7.20																							
	2.85						1) Variable-head permeability test (“Lefranc” type) from 9.50 m to 10.00 m. Gray to brown silty clay, with ochre streaks. Gray to brown silty fine sand, with thin layers of silty clay at 10.65 m (5 cm) and 10.70 m (3 cm).																	
	10.05	10.10					Gray to brown clayey silt, slightly sandy.Gray to brown fine sand with silt, with ochre streaks. Gray to brown silty fine sand.					180	80											
	10.15	1.15																						
	11.30	0.15										110	45											
	11.45	0.15																						
15	11.60	1.60					Slightly clayey and slightly sandy silt. Very fine silty sand, locally with gray silt; a layer of silt with slightly sandy silty clay is present between 13.75 m and 13.85 m.																	
	13.20	0.10					Fine sand, weakly silty to locally silty gray.																	
	13.30	1.40																						
	14.70						2) Variable-head permeability test (“Lefranc” type) from 16.70 m to 17.00 m. Fine sand with silt, brown to gray, with abundant millimetric and centimetric fragments of brick and mortar. Medium to fine sand, weakly silty to locally silty gray, from 19.30 m with fine to medium gravel fragments.																	
	2.25																							
	16.95	0.65																						
	17.60																							
	2.00																							
	19.60	0.40					Fine gravel and some sub-rounded calcareous pebbles, in a matrix of medium to fine gray silty sand, with rare silt lenses.																	
	20.00																							