


					BOREHOLE: TPS7		CLIENT:				WORKSITE: San Michele al Tagliamento (VE)																
					Elevation: 0,00 m		Levee crest																				
					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		
Depth (m)	Stratigraphy	Samples	%Carot.	R.Q.D.														Numero Colpi	Altezza cm.	Max kPa	Res kPa						
0.20	0.20				Fine silty sand, light brown colour, with grassy cover.																						 OSTERBERG sampler
	1.50				Fine slightly silty sand, light colour, with rare clay nodules.																						
1.70					Fine silty sand, locally slightly silty, light brown colour, with rare centimetric fragments of asphalt at 2.45 m.																						
2.70	1.00				Fine slightly silty sand, light brown colour, with rare millimetric brick fragments and very rare medium to fine gravel elements, more frequent from 3.30 m.																						
3.65	0.95				Fine silty sand, light brown–ochre colour, with thin and millimetric laminae of grey clayey silt.																						
3.80	0.15				Fine slightly silty sand, light brown colour, with rare ochre spots and streaks, and clay nodules; thin and rare laminae of light brown - grey clayey silt are present.																						
5.00	1.20				1)Variable head permeability test, “Lefranc” type, from 4.60 m to 5.10 m.																						
	1.00				Silty fine sand, light brown colour, slightly clayey at the base, with rare medium gravel elements.																						
6.00	0.35				Slightly sandy clayey silt, light brown colour, with very rare fine gravel elements.																						
6.35	0.55				Slightly sandy silty clay, light brown colour.										170	75											
6.90	0.30				Sandy silt, light brown colour.										120	50											
7.20	0.30				Slightly sandy clayey silt, light brown colour.																						
7.70	0.50				Clayey silt, light brown colour.										140	60											
	0.85				Clayey silt with fine sand, hazelnut colour.										170	70											
8.55	0.30				The same.										100	40											
8.85	0.50	1	8.60		Clayey silt, light brown colour, with an ochre tint (Pen. 150–140 kPa; Tor. 70 kPa).										100	40											
9.35	0.75		9.10		p.a. The same.										80	30											
	0.75				p.b. The same. - nocciola, con punti ocre (Pen. 150-140 kPa; Tor. 70 kPa).										130	60											
10.10	0.75				Clayey silt, grey–light brown colour, with ochre spots, becoming clayey from 9.85 m.										150	70											
	0.25				2)Variable head permeability test, “Lefranc” type, from 9.60 m to 10.10 m.										60	30											
10.85	0.40				Clayey silt, light brown colour, with thin and millimetric laminae of grey clayey silt.										90	35											
11.10	0.80	2	10.60		p.a. The same.										130	55											
11.50	0.40		11.10		p.b. Clayey silt, grey–light brown colour, with an ochre tint (Pen. 90-70 kPa; Tor. 40 kPa).																						
	0.80				Clayey silt, grey–light browncolour, slightly sandy –light browncolour, with an ochre tone.										60	55											
12.30	0.40	3	12.00		p.a. Clayey silt, grey–light brown colour, slightly sandy –light browncolour, with an ochre tone.										60	25											
12.70	0.25		12.60		p.b. The same.										70	25											
12.95	0.35				Clayey silt, grey–light brown, slightly sandy (Pen. 200–150 kPa; Tor. 70 kPa).										160	70											
13.30	1.90				The same																						
					Light grey fine sand with silt.																						
					Light grey silt with fine sand.																						
					Light grey fine sand with silt, containing some millimetric to centimetric layers of clayey silt.																						
15.20	4.80				3)Variable head permeability test, “Lefranc” type, from 14,90 m to 15,20 m.																						
					Light grey fine sand, locally slightly silty from 17.35 m.																						