

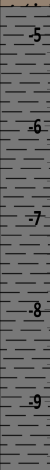



Company: ICS BUSINESS INTERNATIONAL SRL
Site: Turda, Cluj county, Romania
Operators: Păun Marius, Răgălie Mihai
Location (Stereo 70): X(N)= 563309.34 Y(E)= 412096.26

LOG SHEET FOR GEOTECHNICAL WELL F10
(0.00 - 10.00 m)

Start date: 22.06.2022

End date: 22.06.2022

ALTITUDE	DEPTH	THICKNESS	LITHOLOGIC COLUMN	GROUND WATER	LITHOLOGICAL DESCRIPTION	SAMPLE NO. (Disturbed/Undisturbed)	Sample Depth	GRANULOMETRY						w	w _L	w _p	I _p	I _c	ρ _n	ρ _d	n	e	S _r	UL	ρ _S	OEDOMETER COMPRESSIBILITY				SHEAR RESISTANCE			CHEMICAL ANALYSIS			DETAILS	
								PERCENTAGE DISTRIBUTION					C _u = d ₆₀ / d ₁₀													M ₂₀₀₋₃₀₀	ε ₂	i _{m3}	av	φ	c		pH	Cl	SO ₄		
								Clay	Silt	Sand	Gravel	Boulders																									
m	m	m	-	m		-	m	9	10	11	12	13	14	%	%	%	%	-	g/cm³	g/cm³	%	-	-	%	g/cm³	kPa	daN/cm²	%	10 ⁻⁴ * 1/kPa	grade	kPa			mg/kg	mg/kg		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
306,70	0,30	0,30			Sandy soil																																
306,70	0,30	4,40			Gravel and sand, with clay binder	P101	2,00			79,00	25,00																						8,60	11	<50		
						P102	3,00	9,00	14,00	36,00	47,00																							8,81	21	74	
302,30	4,70				Gray clay, with hard consistency, with very high plasticity	P103	6,00	55,00	41,00	4,00			17,51	51,87	21,11	30,76	1,117	2,01	1,71	36,61	0,58	0,800	170		25000	3,7			14,57	77,56							
		5,30																																			
297,00	10,00																																				
								Author																													
								IACOB CEZAR, PhD																													
Appendix 13																																					