




Company: ICS BUSINESS INTERNATIONAL SRL
Site: Turda, Cluj county, Romania
Operators: Păun Marius, Răgălie Mihai
Location (Stereo 70): X(N)= 563402.32 Y(E)= 410908.46

LOG SHEET FOR GEOTECHNICAL WELL F1

(0.00 - 10.00 m)

Start date: 15.06.2022

End date: 15.06.2022

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			
308,80	0,30	0,30			Vegetable soil																																		
306,10	3,00	2,70			Gravel with sand and clay binder	P11	1,70	8.00	9.00	31.00	52.00																							8.63	25	<50			
299,10	10,00	7,00		▼3.10	Gray clay, with hard consistency, with very high plasticity	P12	3,50																											8.70	53	156			
						P13	6,00-6,50	56.00	40.00	4.00						15.97	60.74	22.63	38.11	1.175						338.33													
								Author																															
								IACOB CEZAR, PhD																															
Appendix 4																																							