



Institut für Chemie und Dynamik der Geosphäre
Institute IV: Agrosphäre

Cone Penetration Tests (CPT) on the Krauthausen Test Site

Part I: Data Aquisition and Preliminary Interpretation of the Surveys 2003 and 2004

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Abstract

The cone penetration technology (CPT) is a rapid and accurate way for in situ measurements in shallow unconsolidated sediments. Therefore a spatially dense sampled CPT survey at 78 locations was performed in order to investigate the stratigraphy as well as the spatial variability of the Krauthausen test site. In a first step the vast amount of data is documented and the stratigraphy is described. An investigation depth of up to 16 m was reached with the CPT and the mechanical cone resistance, the natural gamma activity, the bulk density, and the volumetric water content was measured at about 10000 sampling points. Additionally the electrical resistivity was measured at about 2000 sampling points. Up to the depth of investigation the Krauthausen test site turned out to have an one-dimensional layered structure, which can be characterized sufficiently by seven, more or less homogeneous, layers.

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1 Introduction

Our research aim is a process understanding of water flow and transport of dissolved substances in the subsurface. This process knowledge is used for developing and refining mechanistic models that predict water quantity and quality in the subsurface for given natural and human controlled or generated boundary conditions at the soil-atmosphere interface. These prediction models are a prerequisite for an optimal and sustainable management of soils and aquifers so as to preserve groundwater quantity and quality. In order to apply these models, characteristics of the subsurface that are relevant for flow and transport have to be determined.

In May 2003 the Forschungszentrum Jülich GmbH and the Eötvös Loránd Geophysical Institute of Hungary started a two-year scientific co-operation titled: "Calibration of a Non-Invasive Measurement Technique of Solute Transport Process". This project is partly funded by the "NATO Science for Peace" programme under the contract number CLG-EST-979868. Within this project the Elgoscár 2000 Ltd. performed Cone Penetration Test (CPT) during two surveys in 2003 and 2004 on the test site in Krauthausen, Germany. The aims of the surveys was to explore the near surface geological structure in order to make a precise deterministic model of the near surface structure and investigate the statistical spatial distribution of the soil material properties.

This report documents the design, performance and obtained data of the CPT surveys. It will provide an enhanced layer model of the Krauthausen test sites geological structure and a geophysical characterization of the layer material. The appendices contain all details of the measurement geometry (Appendix A), the obtained data (Appendix B), the geometrical shape of the layers (Appendix C), and 2D cross sections of the data (Appendix D). The presented data set will be the basis of further research within this and other projects.

2 Description of the test site

The Krauthausen test site is situated approximately 10 km northwest of the city of Düren and 8 km from Jülich, Germany. It has an extension of 200x70 m and is covered with grass. The field site is located in the southern part of the Lower Rhine Embayment, where quaternarian sediments are mostly fluvial deposits from the river system of Rhine and Maas covered by aeolian sediments. Sequences of permeable and impermeable layers lead to a typical multi-layer aquifer system. Due to northwest-southeast striking faults, the Lower Rhine Embayment is divided into several tectonic compartments. The Krauthausen test site is located on a small inserted block between the Rur block and the Erft block.

The test site was set up in 1993 by the Forschungszentrum Jülich (details are given in Döring, (1997); Vereecken et al., (1999); Vereecken et al., (2000); Englert, (2003)) to perform experiments on water flow and solute transport processes. Up to now studies at Krauthausen test site focus on the uppermost aquifer in a depth from 2 to 11m. The aquifer material consists mainly of gravelly and sandy sediments deposited by the braided river system of the Rur. The clay and silt content of the aquifer sediments vary between 0.5% and 7.5%, and the mean total porosity is $26\pm 7\%$. The local base of the aquifer in a depth of 11 to 13m consists of intermitting thin layers of clay and silt.

For monitoring purposes 75 observation wells with a diameter of 50 mm were installed at the test site (for details see Vereecken et al., (1999)). Therefore drillings of 324 mm diameter were deepened using a dry rotary drilling method. Seven drillings were sampled completely, three of them (number B07, B22, and B32) are located within the CPT survey area. The other drillings were sampled only at several depths or not sampled at all. Therefore the geological structure is not reconstructed in detail except of a simplified stratigraphic model.

3 CPT Survey

The cone penetration technology is capable resolving the structure of the subsoil in detail and logs various physical parameters during soil penetration. The CPT method (see e.g. Fejes and J3sa, (1990), Fejes et al., (1997)) is suitable for investigating loose, near surface sediments like clay, sand, or gravel. A hydraulic device, anchored to the ground, pushes a string of pipes into the earth. Because of the small diameter of 44 mm, the crossed geological structures are hardly deformed. In contrast to traditional drilling the measured data can be considered almost as being in situ. The penetration depth extends to the first appearance of the bedrock, or in granular sediments with good technical conditions down to 20-30m.

In a central area of 30x20 m of the test site (Figure 3) we performed 78 cone penetration tests down to 16 m depth maximum. The exact coordinates of the CPT locations are listed in Table 3 and displayed in Figure 3 in Appendix A. Close spaced (10cm) measurements of various physical parameters are carried out either during the pushing process with sensors placed on the tip of the pipe or after the pushing, using probes moved inside the pipes. Beneath the mechanic cone resistance c_r [MPa], we recorded during this CPT survey the electrical resistivity ρ [Ω m] at 15 locations with electrodes placed closely behind the tip of the pipe. After the push process radioactive parameters were measured inside the pipes. In geological research the aim of nuclear measurements is not the recognition of primary radiation data, but other physical characteristics depending on them. The natural gamma activity γ [counts per minute] depends on the clay-silt content, the gamma-gamma activity is connected to the bulk density ρ_b [kg m^{-3}] and the neutron activity to water content θ . The calibration needed to convert the radiation data into these parameters was performed by Elgoscarg 2000 Ltd. in Budapest. Since the push hole stood stable down to the water table after removing the measuring pipe, it was possible to measure the depth of the water table.

4 CPT Data interpretation

The processing of the raw data and geological interpretation was made by the E3tv3s Lor3nd Geophysical Institute (see Fejes and Nyari, (2004)). The first step of data processing was the determination of the physical parameters for each CPT location (see Tables in Appendix B) using the appropriate calibration function. The cone resistance c_r , natural gamma activity γ , bulk density ρ_b , water pore content θ , and where available the electrical resistivity ρ are plotted versus depth (see Figures in Appendix B). Afterwards geological sections were constructed and a geological interpretation in terms of a separation into homogeneous layers was done.

Figure 1 shows the one dimensional geological model of seven layers, which are marked from top to bottom with letters from A to G. The thickness of every single layers and the elevation above sea level of the layers top are displayed in Table 1. The results from the CPT survey shown in Figure 1 and Table 1 were linked to the generalized stratification as found by Döring, (1997) from drilling data.

In summary the one dimensional layered model has the following structure: Layers A and B are above the groundwater level. The uppermost aquifer is built from layers C, D and E, which differ from each other by their various fractions of sand and gravel. Layer F is the aquifer base consisting of silt and clay.

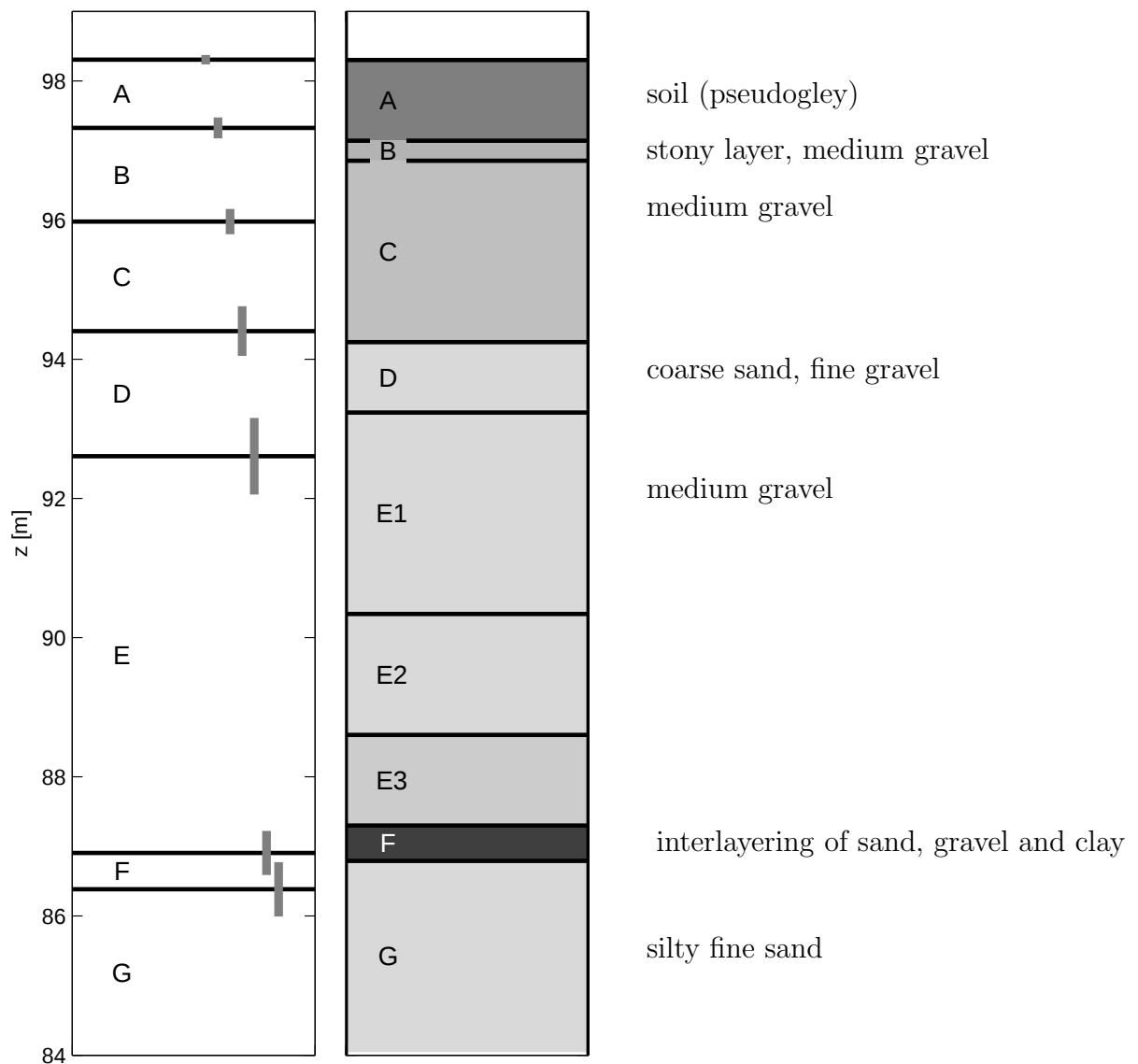


Figure 1: One dimensional layered model: *left*: as result of the CPT survey and *right*: according to Döring, (1997).

	d [m]	h [m]	material
A	0.98 ± 0.16	98.31 ± 0.07	soil (pseudogley)
B	1.35 ± 0.19	97.33 ± 0.15	stony layer, medium gravel
C	1.58 ± 0.37	95.98 ± 0.18	medium gravel
D	1.86 ± 0.54	94.41 ± 0.36	coarse sand, fine gravel
E	5.68 ± 0.62	92.61 ± 0.55	medium gravel
F	0.52 ± 0.18	86.91 ± 0.32	interlayering of sand, gravel and clay
G	–	86.38 ± 0.39	silty fine sand

Table 1: d is the mean of the layer thickness. h denotes the layers top elevation above sealevel. The layer material listed is according to Döring, (1997)

In the following the individual layers will be characterized in more detail:

- Layer A

In accordance with borehole data the thickness of the top loess layer is found to be between 0.8 and 1.4 m. It is characterized by a high value of natural gamma activity, a low cone resistance of about 5 MPa, and a low electrical resistivity of approx. 50 Ω m. This indicates a significant clay content within the loess.

- Layer B

Below layer A the physical properties of the sediments are changing rapidly showing a well defined sharp interlayer boundary. The material of layer B can be identified as gravel or debris because of a very high mean cone resistance (≈ 46 MPa), the high electrical resistivity (≈ 300 Ω m) and a typical bulk density of about 2.1 g/cm³. Furthermore the strong variability of cone resistance refers to a coarse grain size. Since its natural gamma activity level is higher than the so called sand limit of 800 cpm, the layer material must contain either a certain amount of clay minerals or the gravel material itself has a higher gamma activity than average. Layer B has a thickness of typically 1.4 m.

- Layer C

The boundary between layer B and C is characterized by an increase of water content and bulk density combined with a decrease of electrical resistivity of factor 2 and a lower cone resistance. However, the top of layer C is not resolvable in the natural gamma log, which seems to be steady over the layer boundary. So layer C consists more or less of the same material as layer B and the changes of the material properties can explain as effect of the water table, which is observed at the depth of the layer B-C boundary. Therefore both layers can be considered to be the unsaturated and saturated zone of one larger layer. The layer thickness changes between 1.0 and 2.5 m.

- Layer D

Unlike the above layers, layer D is characterized by a low natural gamma activity (below the sand limit of 800 cpm), a lower cone resistance of about 30 MPa, and a high water saturation, i.e. porosity in the saturated medium, of about 36%. Therefore the layer seems to consist of a well sorted sand. The average layer thickness is about 1.9 m, but is varies from 0.8 to 2.9 m.

- Layer E

With the thickness of 4.3 to 6.4 m this is the thickest layer of the investigated volume. Its natural gamma activity is below the sand limit of 800 cpm. According to the average cone pressure (38 MPa) and resistivity (200 Ωm) values the material is assumed to be a sandy gravel or a gravely sand.

- Layer F

This layer could be identified as clay layer with the thickness range of 0.2-1.5 m. The high average natural gamma activity (2200 cpm, which is significantly higher than the clay limit of 1700 cpm) and the very low cone resistance (5 MPa, with a high variability) is typical for clay. Since its resistivity value is higher than usual, it can be assumed that the layer may have other components besides clay. Layer F is present at all CPT locations except number 126, the mediocre increase of natural gamma activity refers to a layer with a certain amount of clay or a group of very thin stratified clay and sand layers, but not to clear clay. Nevertheless, layer F is the uppermost significant impermeable layer. But because of more or less distinct local sandy intercalations it is assumable, that at certain positions vertical fluid flow may occur.

- Halfspace G

The investigated area below the layer F is treated as halfspace, since the bottom of layer G was not reached. According to the measured parameters it seems to be sandy gravel or gravely sand.

The mean physical properties of the individual layers and their standard deviations are collected in Table 2. The dry matrix density is computed from the bulk density and the water content using following formula: $\varrho_m[\text{g}/\text{cm}^3] = \varrho_b[\text{g}/\text{cm}^3] - 1[\text{g}/\text{cm}^3] \cdot \theta[\%]$.

Apart from the simplified layered model, a generalized one-dimensional continuous model is formed by averaging the measured values of all CPT logs at a certain depth. The generalized CPT logs of all physical properties versus depth are shown in Fig. 2. The low standard deviation of the mean values for all physical soil properties justifies the assumption of a one-dimensional layered model. Furthermore Fig. 2 shows the overall statistical distribution of each physical property. Table 5 of Appendix C shows the manually picked locations of the layer boundaries according to Fejes and Nyari, (2004).

	c_r [MPa]	γ [counts]	ϱ_b [t/m ³]	ϱ_m [t/m ³]	θ [%]	$\log_{10}(\rho/\Omega\text{m})$
A	5.0 ± 4.0	2106 ± 253	1.96 ± 0.11	1.76 ± 0.09	20.2 ± 4.8	1.73 ± 0.26
B	46.3 ± 15.8	1095 ± 155	2.10 ± 0.08	1.94 ± 0.06	16.2 ± 4.6	2.44 ± 0.19
C	40.1 ± 15.4	894 ± 187	2.24 ± 0.08	1.99 ± 0.11	25.8 ± 4.2	2.19 ± 0.14
D	29.6 ± 8.3	717 ± 133	2.14 ± 0.05	1.78 ± 0.07	35.8 ± 3.8	1.95 ± 0.08
E	37.4 ± 11.6	746 ± 309	2.18 ± 0.07	1.86 ± 0.09	31.9 ± 3.8	1.98 ± 0.17
F	11.2 ± 12.2	2041 ± 1004	2.03 ± 0.07	1.72 ± 0.09	30.7 ± 5.5	1.52 ± 0.19
G	28.5 ± 14.8	1172 ± 784	2.04 ± 0.05	1.69 ± 0.05	35.0 ± 3.7	1.63 ± 0.12

Table 2: Mean value and standard deviation of the material properties within a layer.

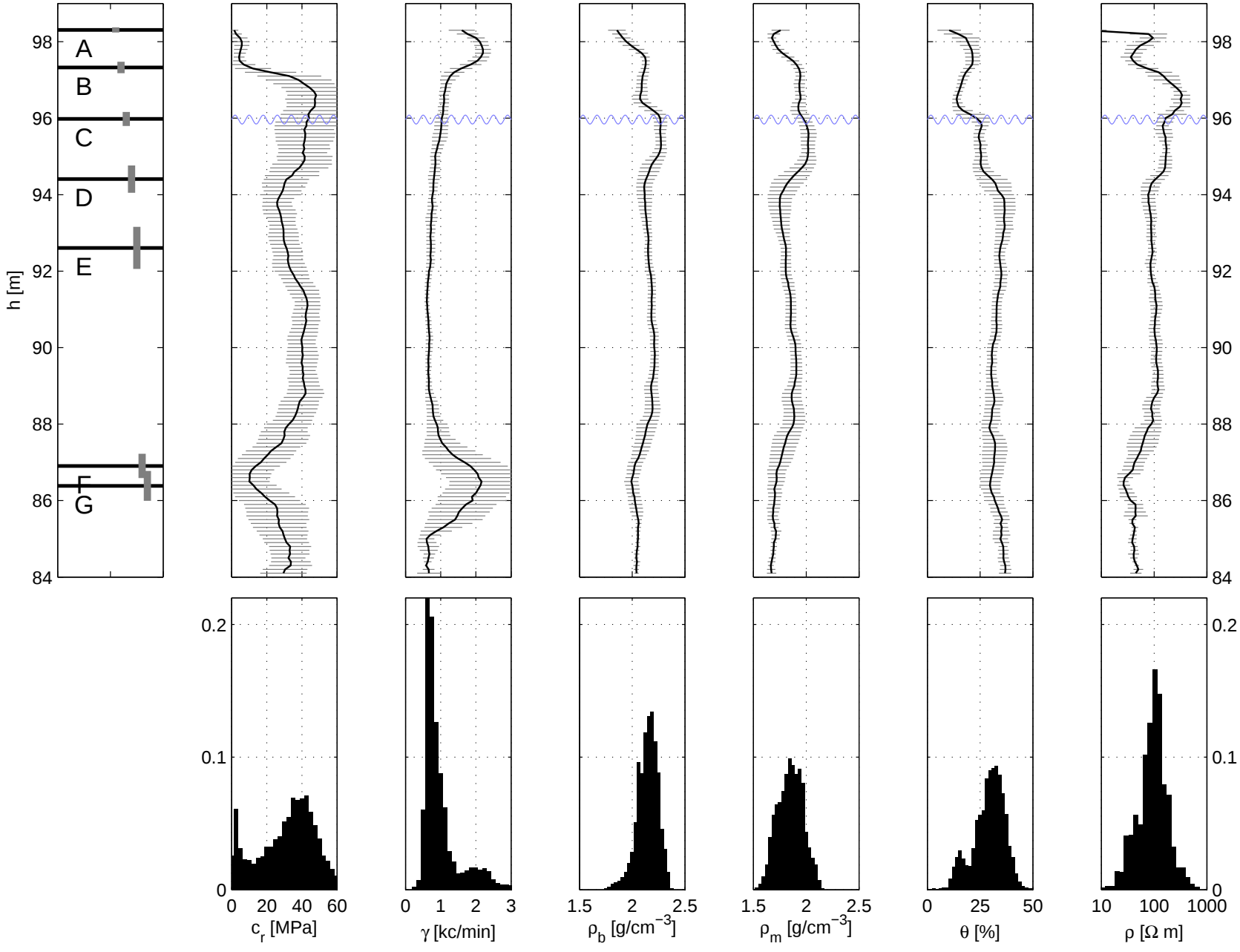


Figure 2: One dimensional generalized model from CPT stacking.

A more sophisticated insight into the investigated area is given by cross sections through the soil material property distributions found by the CPT survey. In Appendix D some cross sections, as marked in the map in Figure 3, are shown. The two-dimensional cross sections give an idea of the lateral variation of the diverse soil properties in the x- and y- direction.

5 Summary

The results of a CPTe survey at the test site Krauthausen were presented. The CPT survey lead to a spatial, highly resolved data set of physical soil properties with about 10000 data points in the central area of the Krauthausen test site. In a first interpretation the investigated area can be characterised as a uniform structure, which can be divided into the same seven layers at each CPT location.

Due to its high quality, this data set can be the basis of further statistical investigations regarding to the spatial heterogeneity within each layer of the Krauthausen aquifer. Furthermore the CPT measurements should be related to core sample data from existing boreholes.

References

1. Barber, C. B., D.P. Dobkin, and H.T. Huhdanpaa, 1996. The Quickhull Algorithm for Convex Hulls. *ACM Trans. Math. Software*, **22(4)**, 469–483
2. Döring U., 1997. Transport der reaktiven Stoffe Eosin, Uranin und Lithium in einem heterogenen Grundwasserleiter. *PhD thesis, Christian-Albrechts Universität Kiel, Kiel, Germany*
3. Englert A., 2003. Measurement, Estimation and Modelling of Groundwater Flow Velocity at Krauthausen Test Site. *PhD thesis, RWTH Aachen, Aachen, Germany*
4. Fejes I. and Jóna E., 1990. The Engineering Geophysical Sounding Method: Principles, Instrumentation, and Computerised Interpretation. In: *Geotechnical and Environmental Geophysics, Volume II: Environmental and Groundwater, SEG, Tulsa, Oklahoma*, 321-331
5. Fejes I., Szabadváry, L., Veró, L., Stickel, J., 1997. Geophysikalische Penetrationssondierungen. In: *Methodenhandbuch Deponienuntergrund, Band Geophysik, Springer, Berlin*, 897-922
6. Fejes I. and Nyari, Z., 2004. Documentation of CPTe Soundings in Krauthausen Germany. *Preliminary Report, ELGI, Budapest, Hungary*
7. Vereecken, H., Döring, U., Hardelauf, H., Jaekel, U., Neuendorf, O., Schwarze, H. and Seidemann, R., 1999. Analysis of solute transport in a heterogeneous aquifer: the Krauthausen field experiment. 1. Experimental set-up, sediment characterization and moment analyses. *Internal report No. 500798, Forschungszentrum Jülich, Jülich, Germany*
8. Vereecken, H., Döring, U., Hardelauf, H., Jaekel, U., Hashagen, U., Neuendorf, O., Schwarze, H. and Seidemann, R., 2000. Analysis of solute transport in a heterogeneous aquifer: the Krauthausen field experiment. *J. Contam. Hydrol.*, **45**, 329-358

A CPT locations

Figure 3 and Table 3 show the map and coordinates of the cone penetrations tests, respectively. Furthermore the number of measurements N_{cr} , N_γ , N_{θ_b} , N_θ , and N_ρ for each geophysical parameter is given in Table 3.

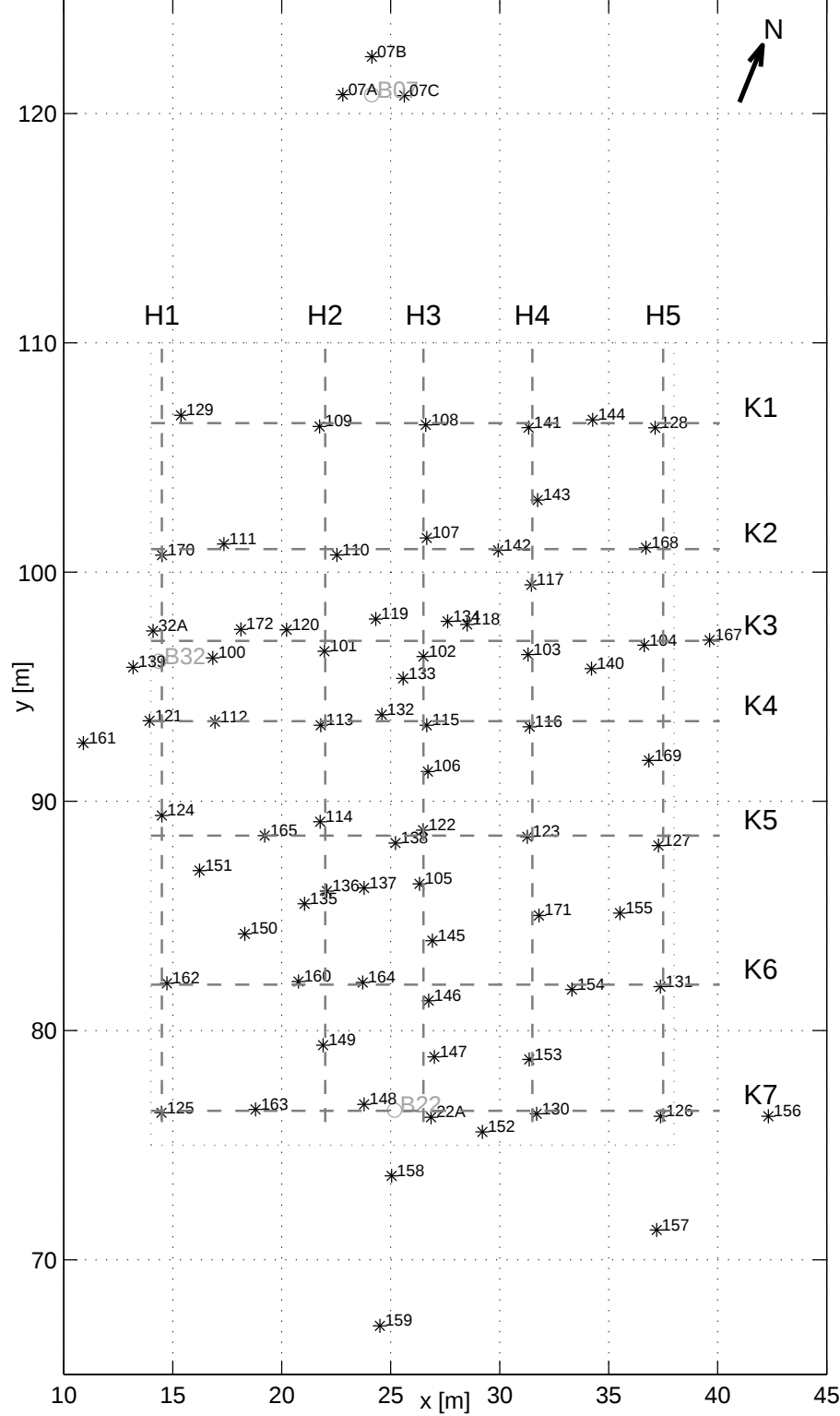


Figure 3: Locations of the boreholes and cone penetration tests. The cross sections shown in Appendix D are marked with H1–H5 and K1–K7, respectively.

No.	CPT	Date	x [m]	y [m]	h [m]	$z_{\max}$ [m]	z_w [m]	N_{c_r}	N_γ	N_{θ_b}	N_θ	N_ρ
1	07A	16.08.2003	22.80	120.83	98.24	13.50	2.10	135	123	131	133	71
2	07B	16.08.2003	24.14	122.48	98.20	15.00	2.15	150	138	146	149	0
3	07C	17.08.2003	25.62	120.79	98.25	13.70	2.20	132	124	132	0	0
4	22A	19.08.2003	26.85	76.22	98.32	12.10	2.21	121	119	116	114	0
5	32A	17.08.2003	14.10	97.43	98.25	14.00	2.10	140	123	131	134	129
6	100	26.08.2003	16.84	96.26	98.22	12.80	2.16	128	127	123	126	0
7	101	18.08.2003	21.96	96.55	98.29	12.60	2.23	126	111	119	121	121
8	102	18.08.2003	26.50	96.32	98.22	12.60	2.17	125	121	120	123	0
9	103	19.08.2003	31.30	96.40	98.33	13.80	2.25	138	129	129	128	132
10	104	19.08.2003	36.63	96.81	98.41	15.90	2.34	159	146	154	156	154
11	105	20.08.2003	26.32	86.40	98.35	12.60	2.24	123	124	120	0	0
12	106	20.08.2003	26.71	91.30	98.32	15.00	2.22	149	137	145	148	0
13	107	20.08.2003	26.65	101.49	98.27	12.60	2.22	125	123	120	123	0
14	108	21.08.2003	26.61	106.42	98.26	12.60	2.23	126	123	120	123	0
15	109	21.08.2003	21.74	106.35	98.24	13.70	2.21	134	123	131	134	0
16	110	21.08.2003	22.53	100.75	98.27	13.50	2.23	131	121	129	133	0
17	111	22.08.2003	17.35	101.22	98.24	12.30	2.19	87	121	118	121	0
18	112	23.08.2003	16.94	93.47	98.24	12.80	2.18	128	124	121	124	0
19	113	23.08.2003	21.79	93.32	98.27	13.80	2.20	132	124	132	134	0
20	114	24.08.2003	21.76	89.11	98.30	13.50	2.23	135	132	129	132	0
21	115	23.08.2003	26.65	93.32	98.29	15.00	2.23	146	150	145	148	133
22	116	24.08.2003	31.37	93.25	98.35	13.70	2.29	136	135	130	133	0
23	117	24.08.2003	31.45	99.44	98.33	16.10	2.27	160	146	154	154	0
24	118	25.08.2003	28.51	97.71	98.31	13.90	2.23	139	136	133	134	0
25	119	26.08.2003	24.32	97.95	98.30	13.60	2.24	126	123	131	134	0
26	120	26.08.2003	20.22	97.48	98.28	12.40	2.23	123	123	119	123	0
27	121	26.08.2003	13.94	93.51	98.24	12.50	2.15	116	123	120	123	0
28	122	25.08.2003	26.48	88.74	98.33	13.90	2.25	126	138	133	136	0
29	123	25.08.2003	31.27	88.45	98.35	12.90	2.28	122	127	123	126	0
30	124	27.08.2003	14.50	89.38	98.26	12.40	2.18	123	120	116	121	0
31	125	27.08.2003	14.48	76.41	98.27	12.00	2.17	119	105	112	113	0
32	126	27.08.2003	37.38	76.26	98.43	12.30	2.35	122	121	117	122	0
33	127	28.08.2003	37.28	88.07	98.46	12.60	2.38	126	125	122	125	0
34	128	28.08.2003	37.13	106.29	98.46	12.70	2.40	123	124	121	124	0
35	129	28.08.2003	15.38	106.84	98.22	12.10	2.16	120	118	115	120	0
36	130	30.08.2003	31.70	76.37	98.35	12.50	2.25	125	122	119	122	0
37	131	30.08.2003	37.37	81.92	98.47	12.50	2.38	124	122	121	122	0
38	132	18.08.2004	24.59	93.78	98.27	12.80	2.39	126	111	112	109	0
39	133	19.08.2004	25.57	95.36	98.28	12.40	2.40	123	120	116	120	0
40	134	24.08.2004	27.61	97.85	98.32	12.60	2.40	126	114	113	110	122
41	135	28.08.2004	21.05	85.53	98.30	13.50	2.44	128	133	130	134	130
42	136	27.08.2004	22.07	86.08	98.30	12.90	2.44	129	128	123	127	126
43	137	27.08.2004	23.78	86.22	98.32	13.00	2.47	128	128	124	128	125
44	138	26.08.2004	25.22	88.18	98.32	13.60	2.48	136	129	125	129	128
45	139	28.08.2004	13.18	95.85	98.28	12.70	2.42	124	123	121	124	0
46	140	26.08.2004	34.21	95.79	98.40	14.70	2.54	145	132	140	144	0
47	141	26.08.2004	31.33	106.30	98.34	13.90	2.48	138	126	134	137	0
48	142	24.08.2004	29.93	100.95	98.34	14.70	2.47	146	130	138	142	143
49	143	25.08.2004	31.74	103.14	98.32	14.90	2.47	145	137	145	149	147
50	144	25.08.2004	34.27	106.64	98.38	14.00	2.53	140	126	134	137	0
51	145	29.08.2004	26.91	83.92	98.33	12.80	2.50	126	125	121	124	129
52	146	29.08.2004	26.74	81.30	98.31	12.40	2.46	122	118	113	117	120
53	147	29.08.2004	27.00	78.85	98.33	12.20	2.46	121	118	118	114	0
54	148	22.08.2004	23.78	76.78	98.34	12.00	2.43	119	118	114	117	0
55	149	22.08.2004	21.90	79.36	98.31	11.80	2.42	117	117	112	0	0
56	150	23.08.2004	18.31	84.22	98.31	13.10	2.41	123	130	127	131	0
57	151	23.08.2004	16.23	86.98	98.31	13.00	2.47	130	127	123	127	127
58	152	22.08.2004	29.21	75.58	98.37	12.40	2.47	123	120	117	121	0
59	153	21.08.2004	31.36	78.74	98.35	12.30	2.46	119	121	116	119	0
60	154	21.08.2004	33.32	81.79	98.35	12.30	2.47	121	120	116	120	0
61	155	21.08.2004	35.52	85.12	98.43	12.80	2.54	126	124	121	126	0
62	156	21.08.2004	42.33	76.26	98.52	13.60	2.61	136	121	129	132	0
63	157	20.08.2004	37.20	71.30	98.43	12.30	2.52	121	120	117	121	0
64	158	20.08.2004	25.04	73.66	98.32	12.00	2.39	115	116	113	116	0
65	159	20.08.2004	24.50	67.12	98.37	12.00	2.40	118	118	112	116	0
66	160	23.08.2004	20.77	82.14	98.28	12.20	2.39	121	120	115	118	0
67	161	24.08.2004	10.90	92.54	98.24	12.10	2.36	119	119	114	119	0
68	162	30.08.2004	14.73	82.06	98.24	12.70	2.39	125	126	121	125	0
69	163	30.08.2004	18.80	76.56	98.24	12.10	2.39	121	118	114	117	0
70	164	30.08.2004	23.72	82.10	98.24	12.30	2.44	121	121	116	120	0
71	165	30.08.2004	19.22	88.50	98.24	12.70	2.42	120	125	121	124	0
72	166	01.09.2004	9.36	96.98	98.24	12.40	2.35	123	122	117	120	0
73	167	31.08.2004	39.63	97.03	98.24	16.30	2.62	158	159	156	159	0
74	168	31.08.2004	36.71	101.06	98.24	15.60	2.55	156	141	149	153	0
75	169	31.08.2004	36.85	91.78	98.24	14.70	2.40	140	138	146	148	0
76	170	01.09.2004	14.51	100.74	98.24	12.80	2.40	127	127	121	125	0
77	171	01.09.2004	31.80	85.02	98.24	12.50	2.49	125	121	119	122	0
78	172	22.08.2003	18.13	97.50	98.24	12.20	2.18	121	119	116	119	118

revision : 08-Mar-2005 – AxT

Table 3: CPT locations.

B CPT Logs and Data

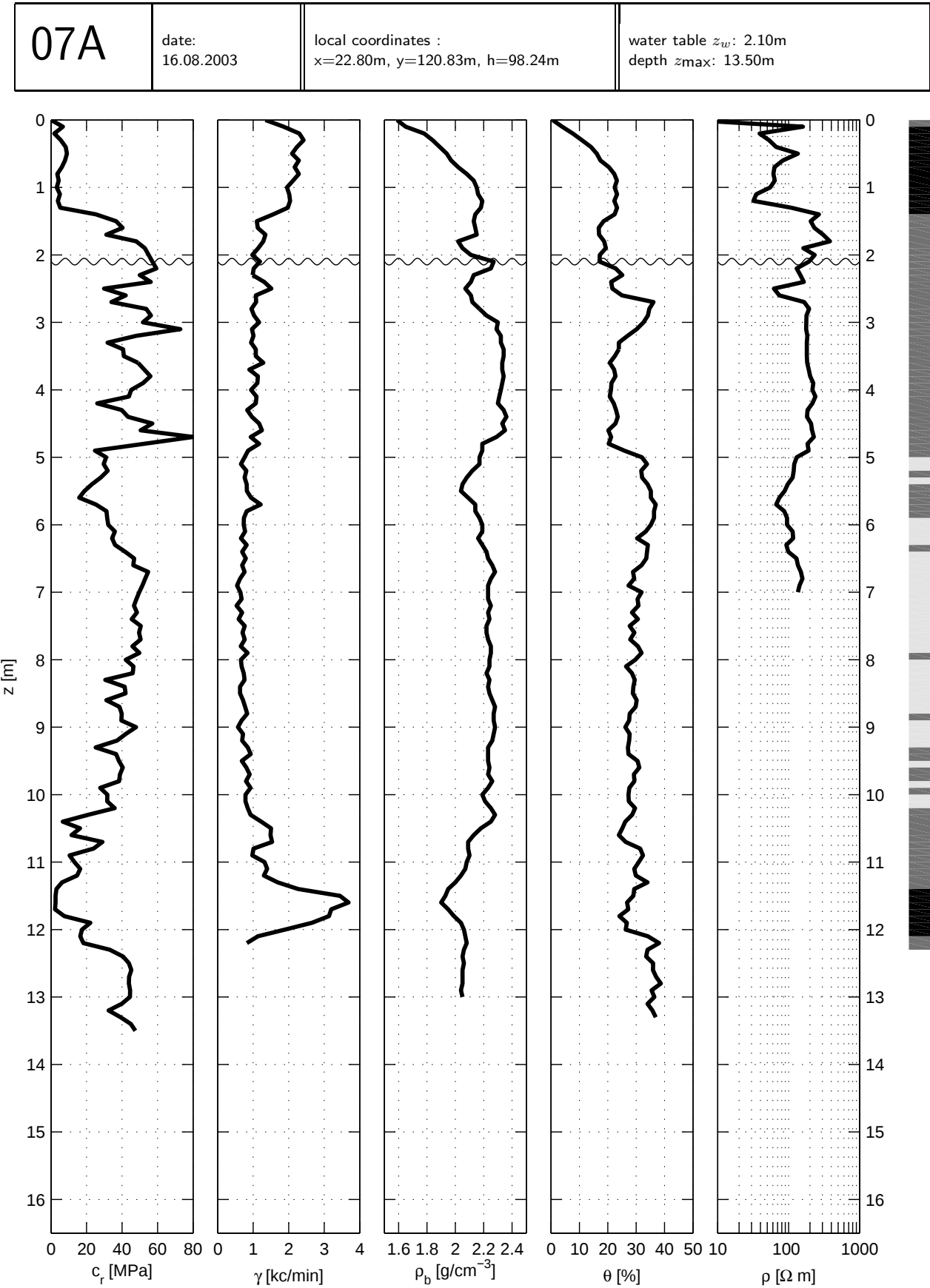
The tables of this appendix list the depth below the surface z [m], the mechanic cone resistance c_r [MPa], the natural gamma activity γ [counts per minute], the bulk density ϱ_b [kg m⁻³] from gamma-gamm log, the water content θ from neutron log, and the electrical resistivity ρ [Ω m] for each CPT location. The head of each table contains information about the coordinates of the CPT location within the local coordinate system.

The figures of this appendix display the log data from the corresponding table at each CPT location. A first characterization of the soil is given at the right of each figure. According to Fejes et al., (1997) the natural gamma activity is used to classify the soil into gravel/sand, silt and clay. The used limits for classification are compiled in Table 4.

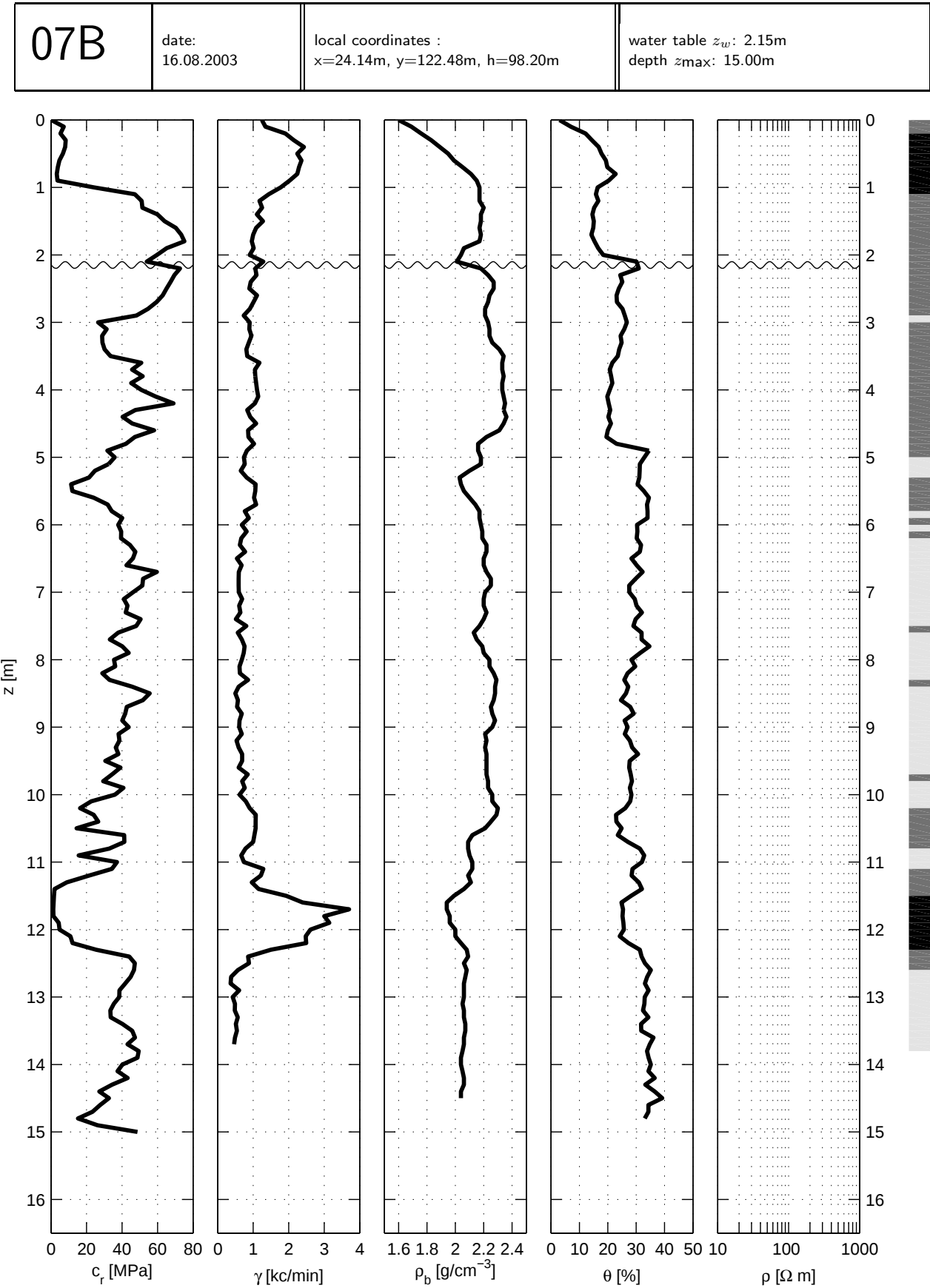
material	permeability	γ [c/min]	signature
gravel, sand	permeable	< 800	light gray
silt	semi-permeable	800–1700	dark gray
clay	non-permeable	> 1700	black

Table 4: Natural gamma activity limits for soil classification

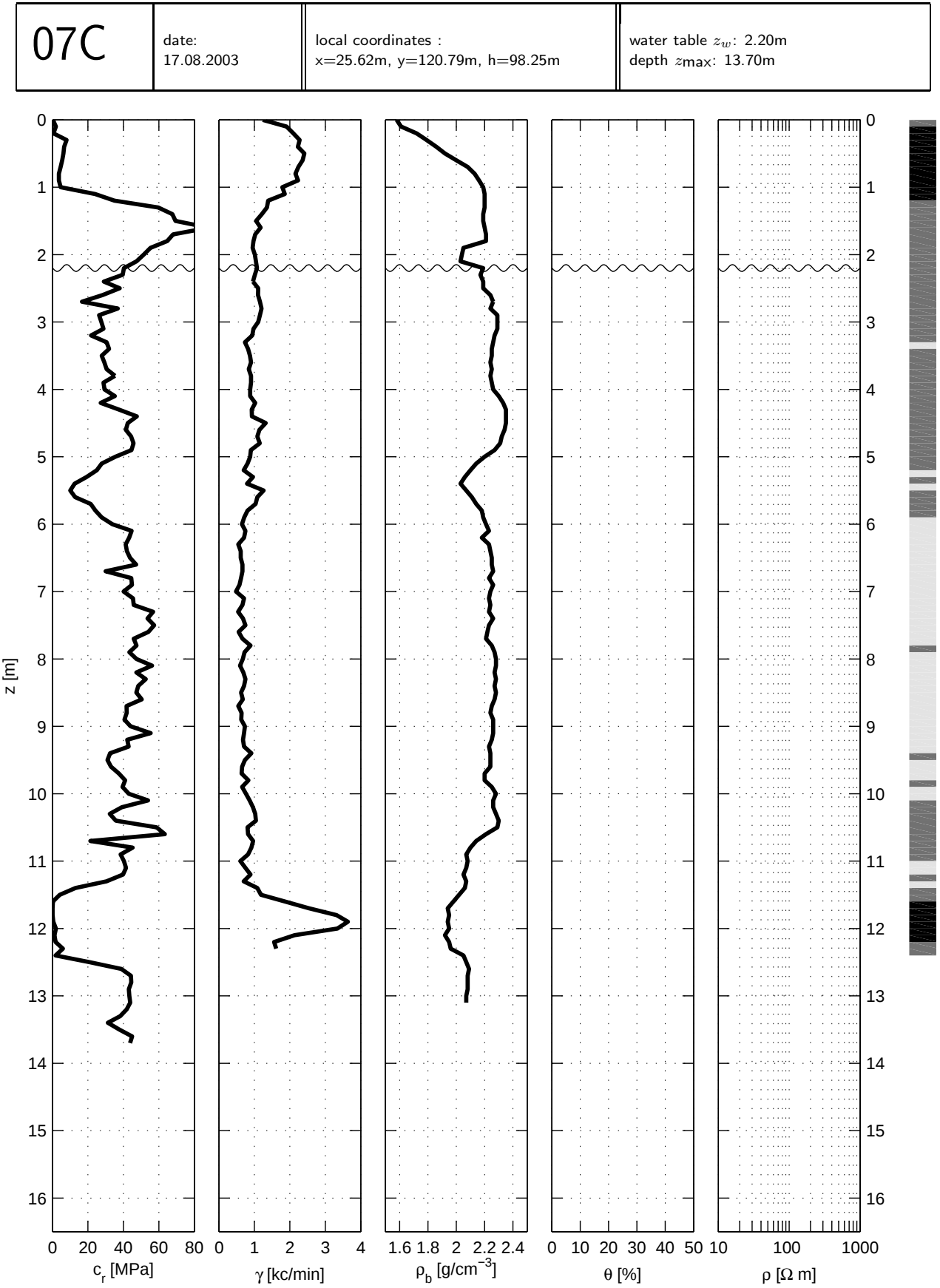
07A		date: 16.08.2003		local coordinates : x=22.80m, y=120.83m, h=98.24m						water table z_w : 2.10m depth z_{max} : 13.50m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1344	1.59		4	5.00	31.0	756	2.17	32.0	130	10.00	31.7	781	2.19	27.3	
0.10	6.7	1856	1.65	3.9	159	5.10	29.6	655	2.17	33.8	120	10.10	31.6	781	2.21	27.4	
0.20	1.8	2302	1.78	7.7	39	5.20	31.9	806	2.12	31.8	118	10.20	35.9	848	2.25	29.6	
0.30	5.5	2419	1.84	10.9	53	5.30	28.0	756	2.08	32.1	114	10.30	20.9	924	2.28	28.6	
0.40	8.2	2234	1.89	14.1	67	5.40	23.0	815	2.05	34.0	97	10.40	6.6	1226	2.25	26.2	
0.50	8.9	2092	1.94	16.1	135	5.50	18.8	823	2.04	35.2	88	10.50	16.3	1504	2.18	25.1	
0.60	7.8	2285	1.97	17.4	83	5.60	15.8	941	2.09	35.2	74	10.60	11.5	1487	2.13	23.9	
0.70	6.1	2167	2.02	20.4	63	5.70	25.3	1210	2.14	36.9	67	10.70	29.0	1529	2.09	26.3	
0.80	3.5	2285	2.08	22.3	61	5.80	31.2	815	2.14	36.3	87	10.80	23.9	1008	2.09	31.4	
0.90	4.3	2125	2.13	23.2	64	5.90	31.6	739	2.17	36.3	95	10.90	10.4	974	2.10	32.4	
1.00	3.2	1949	2.15	22.4	55	6.00	32.2	731	2.19	35.2	95	11.00	13.2	1319	2.08	30.9	
1.10	5.0	2016	2.16	23.3	35	6.10	36.0	773	2.19	33.4	114	11.10	16.4	1394	2.07	29.3	
1.20	3.8	2041	2.19	22.3	32	6.20	34.4	655	2.16	30.3	116	11.20	14.6	1302	2.04	29.9	
1.30	5.2	1974	2.18	23.3	109	6.30	36.1	815	2.19	34.1	93	11.30	6.2	1688	2.00	34.0	
1.40	25.3	1562	2.14	22.4	267	6.40	41.8	689	2.22	33.8	99	11.40	3.0	2268	1.95	29.3	
1.50	36.6	1100	2.13	18.5	204	6.50	46.8	790	2.23	33.6	129	11.50	2.5	3444	1.93	29.0	
1.60	40.3	1126	2.14	16.8	231	6.60	46.3	689	2.26	31.9	135	11.60	2.5	3688	1.90	26.8	
1.70	31.1	1344	2.15	16.9	306	6.70	54.7	756	2.28	28.9	149	11.70	2.2	3200	1.95	27.2	
1.80	48.0	1285	2.02	18.7	381	6.80	53.0	630	2.25	29.3	157	11.80	7.4	3133	1.99	24.1	
1.90	52.8	1142	2.05	19.3	161	6.90	51.4	546	2.23	27.3	142	11.90	22.1	2654	2.04	26.7	
2.00	55.0	974	2.11	17.2	233	7.00	49.7	638	2.23	31.9	135	12.00	17.4	1890	2.06	26.3	
2.10	57.1	1193	2.27	17.1	193	7.10	48.1	672	2.23	30.5		12.10	16.4	1134	2.07	34.1	
2.20	59.3	1016	2.25	22.8	130	7.20	46.7	529	2.25	30.8		12.20	18.2	823	2.08	38.1	
2.30	50.0	983	2.13	25.1	146	7.30	48.4	689	2.23	28.5		12.30	33.1		2.06	34.0	
2.40	56.2	1310	2.11	21.2	164	7.40	45.4	588	2.24	30.6		12.40	40.6		2.05	33.5	
2.50	29.8	1512	2.07	21.6	62	7.50	50.6	764	2.22	27.7		12.50	43.8		2.06	36.0	
2.60	42.1	1075	2.11	25.0	74	7.60	49.6	697	2.22	29.4		12.60	45.2		2.05	35.9	
2.70	34.0	1084	2.12	36.1	166	7.70	50.5	764	2.23	27.9		12.70	43.9		2.05	37.0	
2.80	53.6	949	2.17	34.6	194	7.80	45.8	647	2.25	30.6		12.80	43.8		2.05	38.7	
2.90	56.3	1025	2.22	34.1	178	7.90	49.8	840	2.25	31.9		12.90	44.5		2.04	35.4	
3.00	51.7	1168	2.30	32.6	177	8.00	42.1	655	2.24	29.7		13.00	44.4		2.05	36.4	
3.10	72.8	966	2.29	30.2	176	8.10	46.4	672	2.24	26.4		13.10	39.8			34.0	
3.20	48.0	1008	2.32	27.0	184	8.20	46.0	731	2.22	28.5		13.20	32.4			35.7	
3.30	31.8	941	2.32	23.9	180	8.30	30.5	756	2.24	29.5		13.30	39.2			36.9	
3.40	40.6	1075	2.34	23.9	181	8.40	41.5	630	2.23	29.0		13.40	44.9				
3.50	41.0	1075	2.34	22.5	181	8.50	42.0	630	2.24	28.8		13.50	47.5				
3.60	49.0	1285	2.33	20.7	183	8.60	31.1	714	2.26	30.2							
3.70	52.5	890	2.33	22.2	192	8.70	38.5	773	2.28	29.8							
3.80	56.0	1134	2.34	22.7	201	8.80	39.8	832	2.27	27.7							
3.90	51.8	1117	2.33	21.3	223	8.90	39.6	672	2.27	27.5							
4.00	45.1	941	2.32	21.1	217	9.00	47.9	571	2.28	26.2							
4.10	43.8	1092	2.31	20.7	238	9.10	42.1	714	2.27	27.7							
4.20	26.0	1075	2.30	22.1	217	9.20	37.1	689	2.26	27.5							
4.30	39.8	832	2.34	22.9	185	9.30	25.1	848	2.23	27.1							
4.40	43.4	966	2.36	23.5	182	9.40	36.6	932	2.23	27.3							
4.50	57.1	1168	2.33	22.7	207	9.50	38.2	680	2.23	30.5							
4.60	50.5	1243	2.35	20.2	214	9.60	40.4	806	2.24	31.1							
4.70	80.0	932	2.29	21.2	226	9.70	38.8	899	2.23	29.2							
4.80	52.4	1168	2.19	20.3	185	9.80	38.3	798	2.26	29.4							
4.90	24.7	857	2.19	25.8	191	9.90	27.7	924	2.23	27.6							
revision : 10-May-2005 – AxT																	



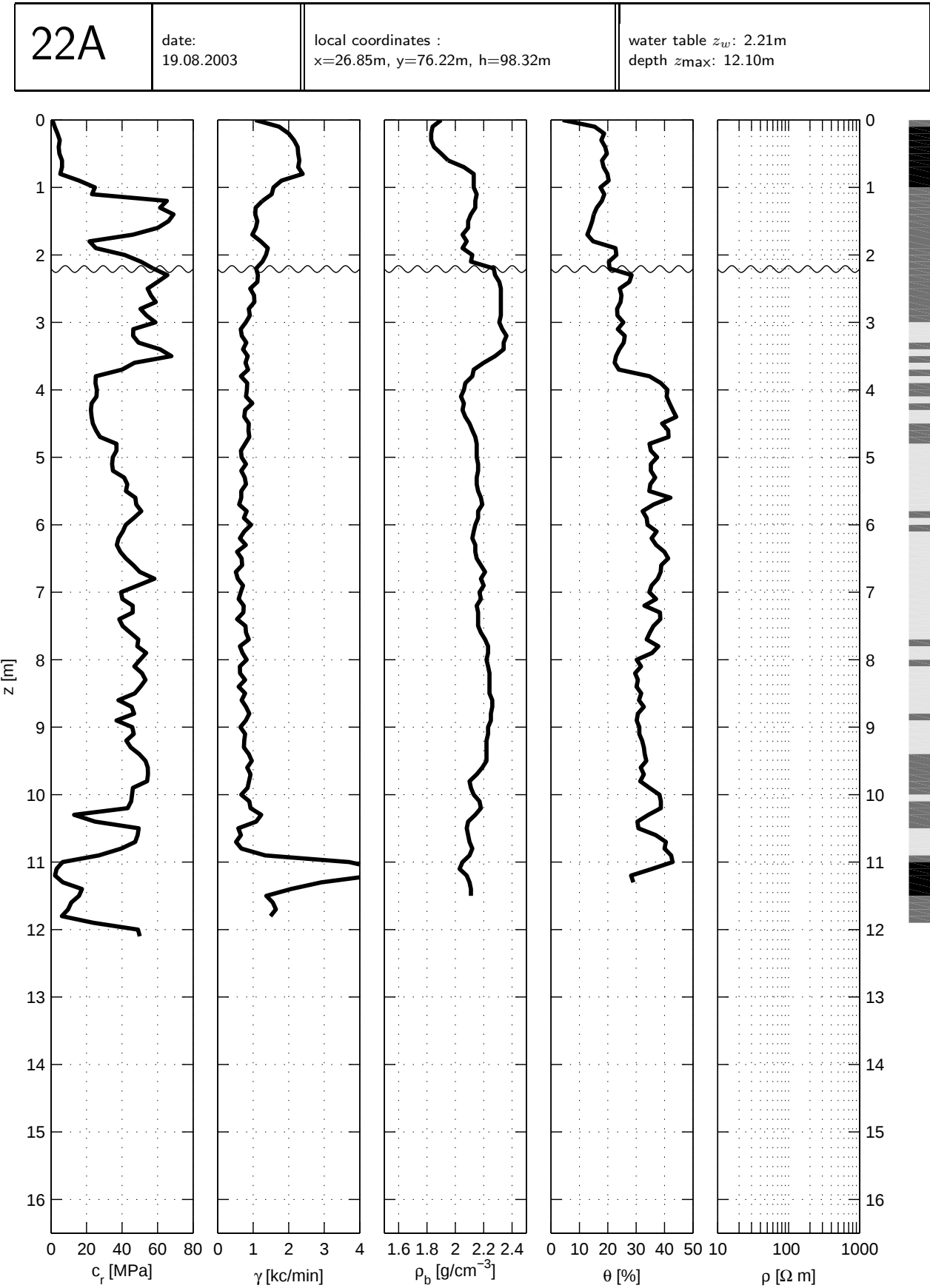
07B		date: 16.08.2003		local coordinates : x=24.14m, y=122.48m, h=98.20m				water table z_w : 2.15m depth z_{max} : 15.00m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1243	1.60	3.0		5.00	35.9	739	2.18	32.9		10.00	36.0	613	2.26	28.3	
0.10	7.2	1344	1.69	7.0		5.10	32.4	764	2.18	31.3		10.10	22.6	790	2.26	27.9	
0.20	5.3	1907	1.76	12.2		5.20	24.7	647	2.10	31.2		10.20	16.3	899	2.30	26.2	
0.30	8.2	2142	1.83	14.4		5.30	21.4	815	2.03	31.1		10.30	24.0	1075	2.29	22.9	
0.40	7.9	2428	1.89	16.8		5.40	11.3	1067	2.04	30.5		10.40	26.6	1067	2.25	23.0	
0.50	6.7	2243	1.95	17.8		5.50	12.0	1058	2.06	32.7		10.50	14.4	1067	2.21	24.9	
0.60	4.7	2360	1.99	19.3		5.60	24.0	1025	2.10	34.5		10.60	41.2	1033	2.12	23.5	
0.70	3.8	2293	2.05	19.8		5.70	31.9	1084	2.14	33.8		10.70	41.3	1000	2.09	27.1	
0.80	3.2	2243	2.11	22.8		5.80	34.2	764	2.17	34.0		10.80	32.8	781	2.09	31.3	
0.90	3.6	2024	2.15	20.3		5.90	40.1	874	2.17	34.0		10.90	15.5	664	2.10	32.8	
1.00	24.2	1772	2.17	16.4		6.00	37.8	680	2.18	30.3		11.00	37.1	739	2.12	32.0	
1.10	47.2	1436	2.17	15.8		6.10	39.5	815	2.19	30.4		11.10	34.3	1285	2.12	28.7	
1.20	51.0	1176	2.17	16.7		6.20	39.4	664	2.19	30.2		11.20	21.5	1218	2.09	28.4	
1.30	51.4	1252	2.20	15.2		6.30	44.4	622	2.22	31.7		11.30	8.8	958	2.11	30.9	
1.40	59.9	1100	2.18	14.6		6.40	47.5	773	2.22	31.3		11.40	1.9	1151	2.06	32.0	
1.50	64.0	1277	2.18	15.1		6.50	46.1	538	2.20	28.3		11.50	1.6	1932	1.99	28.2	
1.60	70.3	1084	2.17	14.9		6.60	42.5	672	2.20	30.2		11.60	1.4	2394	1.94	24.8	
1.70	73.3	1000	2.18	14.2		6.70	59.6	596	2.22	32.3		11.70	1.2	3704	1.94	25.4	
1.80	75.1	958	2.17	15.3		6.80	51.8	588	2.25	29.8		11.80	1.3	2999	1.96	25.2	
1.90	65.2	1016	2.06	16.6		6.90	51.4	588	2.25	27.5		11.90	4.3	3142	1.96	25.5	
2.00	59.6	899	2.04	18.4		7.00	46.2	596	2.21	27.6		12.00	4.8	2612	2.00	25.7	
2.10	53.9	1285	2.01	30.1		7.10	41.0	689	2.20	29.5		12.10	10.9	2478	2.00	24.2	
2.20	72.7	1058	2.18	30.9		7.20	43.1	605	2.20	30.1		12.20	12.1	2495	2.04	27.3	
2.30	69.5	1092	2.23	24.4		7.30	42.1	638	2.22	32.0		12.30	25.4	1495	2.08	31.3	
2.40	67.3	932	2.27	25.1		7.40	50.5	512	2.20	29.8		12.40	44.0	857	2.09	31.9	
2.50	65.1	890	2.27	23.9		7.50	48.0	806	2.17	29.0		12.50	47.2	882	2.06	33.1	
2.60	62.9	1109	2.24	23.1		7.60	37.8	563	2.13	31.9		12.60	46.7	571	2.08	35.2	
2.70	59.4	1008	2.23	23.2		7.70	33.1	680	2.15	31.9		12.70	44.8	378	2.07	33.9	
2.80	54.6	907	2.21	25.2		7.80	40.1	756	2.19	34.7		12.80	41.8	361	2.06	33.1	
2.90	48.1	731	2.21	26.0		7.90	43.7	731	2.20	31.4		12.90	38.5	605	2.06	34.4	
3.00	26.5	899	2.23	26.7		8.00	35.5	680	2.24	28.3		13.00	38.4	420	2.06	33.0	
3.10	31.3	890	2.24	25.8		8.10	36.2	613	2.24	29.7		13.10	35.4	487	2.05	32.9	
3.20	28.8	949	2.24	24.5		8.20	28.9	622	2.27	27.0		13.20	33.4	479	2.06	32.4	
3.30	29.0	874	2.26	24.9		8.30	32.9	857	2.29	25.8		13.30	33.6	563	2.06	34.3	
3.40	30.1	806	2.31	24.0		8.40	45.7	588	2.28	27.2		13.40	40.2	512	2.07	31.7	
3.50	33.5	832	2.34	23.5		8.50	55.6	496	2.28	26.4		13.50	45.7	538	2.07	31.8	
3.60	50.9	1176	2.33	21.6		8.60	51.7	571	2.27	24.6		13.60	47.3	487	2.06	36.1	
3.70	45.6	1050	2.33	20.7		8.70	42.7	546	2.25	27.9		13.70	43.1	462	2.06	34.8	
3.80	51.6	1058	2.34	21.2		8.80	41.8	680	2.26	29.1		13.80	49.4		2.05	33.8	
3.90	45.1	1084	2.33	21.6		8.90	40.1	613	2.28	25.9		13.90	48.7		2.04	34.4	
4.00	50.9	1109	2.33	20.7		9.00	43.7	605	2.26	27.0		14.00	40.2		2.04	35.2	
4.10	58.9	1142	2.34	19.8		9.10	38.0	680	2.21	26.0		14.10	37.4		2.05	34.3	
4.20	69.0	1050	2.35	20.3		9.20	38.5	529	2.22	27.8		14.20	43.2		2.06	36.5	
4.30	47.5	832	2.34	20.9		9.30	36.4	588	2.21	28.6		14.30	34.4		2.06	33.2	
4.40	40.3	916	2.36	20.2		9.40	37.9	689	2.22	30.7		14.40	27.2		2.04	36.5	
4.50	45.7	1084	2.34	21.1		9.50	30.5	689	2.22	27.7		14.50	32.6		2.04	39.2	
4.60	58.1	857	2.31	20.0		9.60	39.1	588	2.22	27.5		14.60	27.7			34.3	
4.70	47.2	865	2.22	19.5		9.70	34.4	848	2.22	28.1		14.70	23.3			34.3	
4.80	42.2	1025	2.16	23.1		9.80	29.3	689	2.23	28.5		14.80	15.1			33.0	
4.90	31.7	823	2.16	34.5		9.90	40.8	764	2.23	27.8		14.90	26.2				
revision : 10-May-2005 – AxT																	



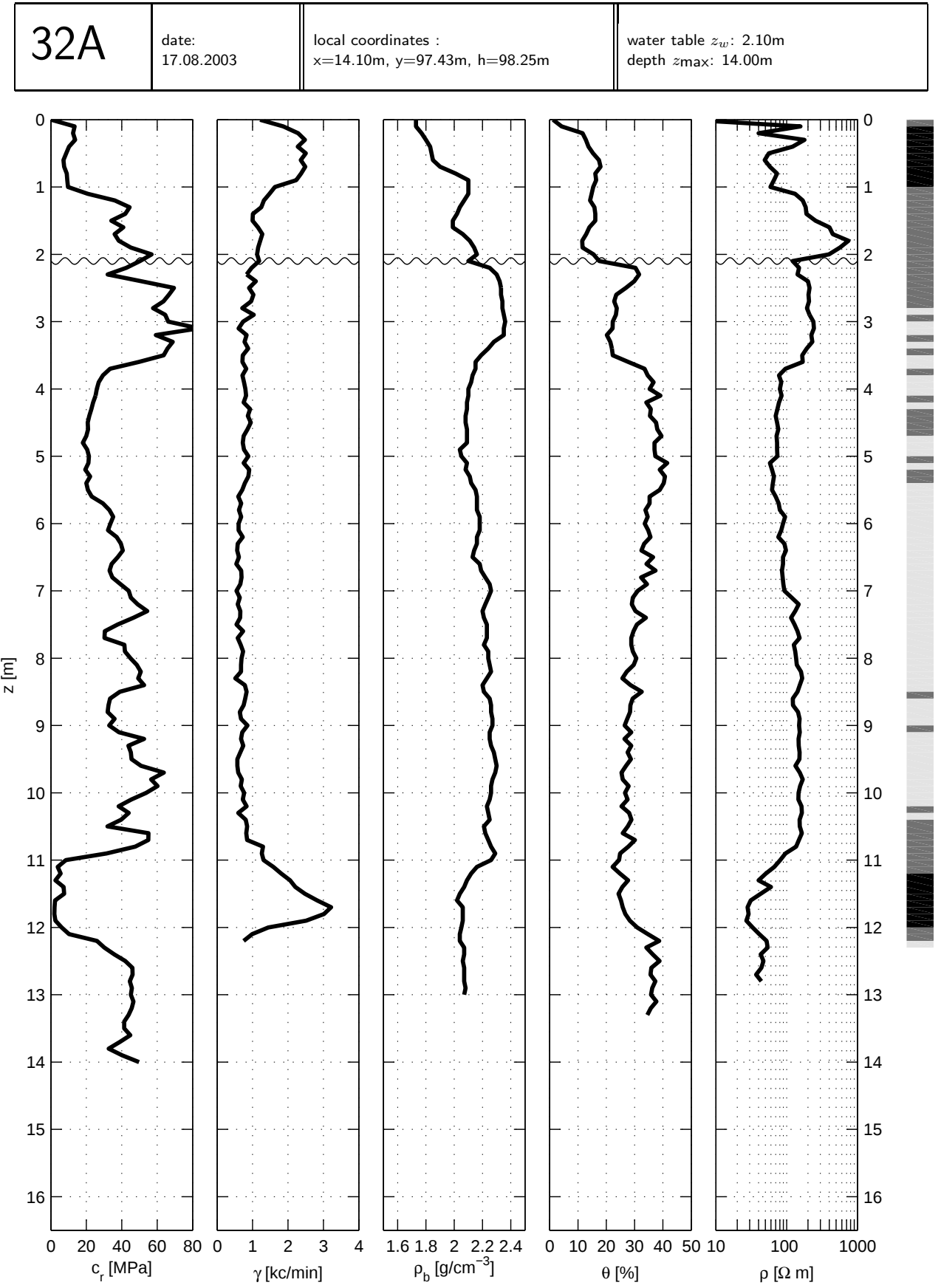
07C		date: 17.08.2003		local coordinates : x=25.62m, y=120.79m, h=98.25m		water table z_w : 2.20m depth z_{max} : 13.70m											
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1235	1.58			5.00	35.5	882	2.20			10.00	43.1	764	2.28		
0.10	1.9	1907	1.61			5.10	27.8	806	2.14			10.10	53.9	865	2.26		
0.20		2100	1.72			5.20	25.0	697	2.10			10.20	39.1	958	2.26		
0.30	7.9	2276	1.79			5.30	19.2	958	2.06			10.30	32.3	1025	2.28		
0.40	6.6	2226	1.86			5.40	12.5	790	2.03			10.40	35.8	1042	2.30		
0.50	6.2	2411	1.92			5.50	10.0	1260	2.07			10.50	58.7	806	2.29		
0.60	5.5	2360	2.00			5.60	12.8	1084	2.11			10.60	63.4	823	2.21		
0.70	4.6	2243	2.08			5.70	21.6	1033	2.14			10.70	21.4	966	2.14		
0.80	3.6	2159	2.13			5.80	24.2	806	2.18			10.80	45.2	916	2.10		
0.90	3.6	2234	2.16			5.90	27.8	714	2.19			10.90	38.4	823	2.07		
1.00	4.6	1789	2.19			6.00	33.8	647	2.21			11.00	40.3	605	2.08		
1.10	24.0	1856	2.20			6.10	44.6	748	2.23			11.10	41.5	748	2.07		
1.20	35.0	1386	2.20			6.20	43.3	706	2.18			11.20	39.8	890	2.05		
1.30	59.6	1352	2.20			6.30	41.3	546	2.23			11.30	30.4	697	2.07		
1.40	67.6	1210	2.19			6.40	42.0	613	2.24			11.40	13.0	1084	2.06		
1.50	69.4	1050	2.19			6.50	43.7	613	2.25			11.50	4.1	1184	2.02		
1.60	88.0	1176	2.20			6.60	47.2	664	2.25			11.60		1856	1.98		
1.70	68.0	1025	2.21			6.70	29.9	664	2.26			11.70		2537	1.94		
1.80	64.8	974	2.21			6.80	44.4	622	2.23			11.80		3318	1.95		
1.90	55.3	949	2.05			6.90	44.8	580	2.26			11.90		3637	1.94		
2.00	51.4	1016	2.04			7.00	40.1	479	2.24			12.00	1.9	3343	1.95		
2.10	47.4	1042	2.03			7.10	45.4	706	2.23			12.10	1.1	2134	1.92		
2.20	40.3	1075	2.19			7.20	45.8	664	2.24			12.20	1.7	1554	1.95		
2.30	39.6	1016	2.17			7.30	56.8	538	2.23			12.30	5.9	1613	1.96		
2.40	29.0	958	2.19			7.40	53.6	680	2.26			12.40	1.7		2.05		
2.50	37.9	1109	2.19			7.50	57.4	748	2.23			12.50	20.8		2.07		
2.60	28.3	1100	2.24			7.60	54.1	554	2.22			12.60	38.8		2.09		
2.70	16.6	1159	2.26			7.70	45.8	664	2.21			12.70	44.2		2.08		
2.80	36.8	1201	2.24			7.80	47.4	890	2.25			12.80	44.4		2.08		
2.90	26.3	1159	2.29			7.90	43.4	722	2.27			12.90	43.1		2.08		
3.00	27.6	1109	2.29			8.00	47.4	672	2.28			13.00	43.4		2.07		
3.10	28.8	974	2.29			8.10	56.2	596	2.28			13.10	43.8		2.07		
3.20	21.8	941	2.27			8.20	47.3	689	2.27			13.20	41.9				
3.30	30.5	731	2.26			8.30	52.6	748	2.28			13.30	38.2				
3.40	31.9	823	2.25			8.40	48.4	706	2.27			13.40	31.2				
3.50	27.8	874	2.25			8.50	47.3	622	2.28			13.50	37.7				
3.60	29.2	907	2.24			8.60	50.4	672	2.27			13.60	44.9				
3.70	30.5	840	2.25			8.70	41.8	546	2.25			13.70	43.7				
3.80	35.3	907	2.24			8.80	41.9	638	2.24								
3.90	28.8	907	2.25			8.90	40.6	630	2.26								
4.00	29.3	882	2.26			9.00	44.0	731	2.26								
4.10	35.2	882	2.30			9.10	55.4	706	2.26								
4.20	27.2	1025	2.33			9.20	42.2	680	2.25								
4.30	37.4	924	2.35			9.30	43.0	706	2.23								
4.40	47.6	932	2.35			9.40	32.5	916	2.24								
4.50	42.5	1319	2.35			9.50	31.0	731	2.24								
4.60	41.4	1142	2.34			9.60	33.0	655	2.24								
4.70	44.3	1084	2.32			9.70	37.4	638	2.20								
4.80	45.7	1151	2.31			9.80	41.0	832	2.20								
4.90	44.5	899	2.27			9.90	39.5	655	2.25								
revision : 10-May-2005 – AxT																	



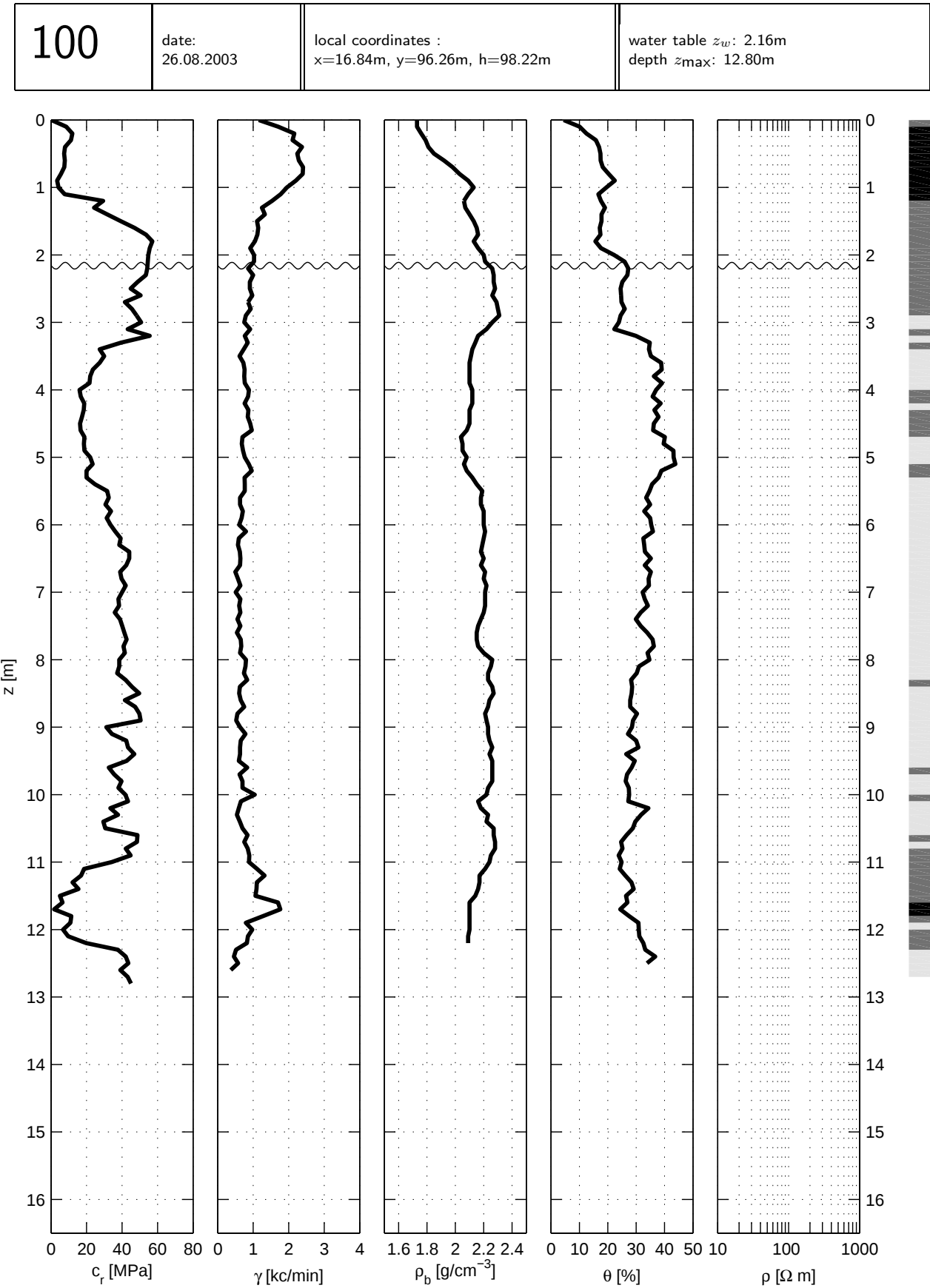
22A		date: 19.08.2003		local coordinates : x=26.85m, y=76.22m, h=98.32m				water table z_w : 2.21m depth z_{max} : 12.10m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1058	1.90	4.1		5.00	34.8	672	2.15	37.4		10.00	45.6	664	2.13	38.2	
0.10	2.0	1730	1.84	15.4		5.10	34.4	798	2.16	35.2		10.10	45.1	890	2.17	38.7	
0.20	3.6	1999	1.83	18.7		5.20	34.9	664	2.16	35.2		10.20	43.2	924	2.18	38.7	
0.30	4.9	2150	1.83	17.7		5.30	41.2	764	2.15	36.7		10.30	13.0	1226	2.14	34.3	
0.40	4.3	2251	1.85	19.1		5.40	43.0	798	2.15	35.0		10.40	24.8	1084	2.09	30.4	
0.50	4.7	2268	1.90	19.7		5.50	42.2	664	2.16	34.6		10.50	49.4	580	2.08	30.8	
0.60	6.2	2302	1.95	18.0		5.60	47.5	664	2.18	42.1		10.60	48.8	655	2.09	36.9	
0.70	6.2	2268	2.06	18.5		5.70	48.0	605	2.19	36.1		10.70	47.4	517	2.10	40.5	
0.80	5.2	2394	2.13	19.9		5.80	50.9	815	2.16	32.3		10.80	39.5	668	2.12	40.0	
0.90	15.7	1798	2.13	20.3		5.90	46.6	739	2.16	33.7		10.90	26.9	1337	2.10	42.3	
1.00	24.7	1571	2.13	17.4		6.00	42.1	941	2.14	34.0		11.00	6.5	3706	2.05	42.8	
1.10	23.0	1520	2.15	18.8		6.10	40.4	748	2.13	37.2		11.10	3.1	4527	2.03	35.6	
1.20	65.3	1260	2.14	17.9		6.20	38.0	622	2.12	35.4		11.20	2.2	4375	2.08	28.2	
1.30	61.4	1067	2.14	16.1		6.30	37.0	790	2.14	37.0		11.30	6.7	2916	2.10	29.0	
1.40	69.0	1058	2.11	15.1		6.40	39.0	546	2.14	39.9		11.40	17.4	2066	2.11		
1.50	66.1	1117	2.09	14.5		6.50	42.2	672	2.15	41.3		11.50	15.7	1367	2.11		
1.60	60.1	1075	2.09	13.7		6.60	46.4	689	2.18	38.8		11.60	11.4	1549			
1.70	46.1	974	2.05	12.8		6.70	50.0	512	2.21	38.6		11.70	9.6	1641			
1.80	21.7	1210	2.08	14.8		6.80	58.2	563	2.18	37.6		11.80	6.1	1489			
1.90	25.2	1411	2.05	22.7		6.90	48.8	714	2.20	35.4		11.90	23.8				
2.00	41.5	1361	2.12	23.0		7.00	39.4	647	2.17	34.6		12.00	49.0				
2.10	50.6	1260	2.11	20.4		7.10	40.2	588	2.18	37.0		12.10	50.0				
2.20	57.5	1084	2.27	20.6		7.20	46.0	731	2.15	32.9							
2.30	65.5	1134	2.28	28.4		7.30	46.0	722	2.16	38.4							
2.40	60.0	1117	2.31	27.6		7.40	38.4	546	2.16	38.5							
2.50	54.4	916	2.32	24.2		7.50	40.3	781	2.16	36.1							
2.60	56.3	1025	2.32	24.8		7.60	44.6	798	2.18	34.8							
2.70	59.0	1033	2.32	24.5		7.70	49.2	874	2.21	33.7							
2.80	50.4	874	2.32	23.3		7.80	48.6	622	2.23	37.8							
2.90	53.8	907	2.32	23.4		7.90	53.6	697	2.23	35.6							
3.00	58.8	790	2.31	25.5		8.00	50.2	815	2.22	30.2							
3.10	46.3	647	2.33	23.5		8.10	46.9	622	2.23	31.7							
3.20	46.2	680	2.36	26.0		8.20	51.2	630	2.24	29.6							
3.30	49.3	806	2.34	25.6		8.30	53.2	773	2.24	30.6							
3.40	61.4	714	2.34	24.1		8.40	50.4	588	2.24	30.1							
3.50	67.8	848	2.28	22.9		8.50	47.2	773	2.24	31.8							
3.60	47.0	781	2.20	22.4		8.60	37.9	672	2.26	31.0							
3.70	40.0	857	2.13	23.9		8.70	45.4	798	2.26	32.7							
3.80	25.2	655	2.12	34.7		8.80	46.8	890	2.25	30.6							
3.90	25.0	832	2.07	38.7		8.90	36.8	790	2.25	30.2							
4.00	25.8	823	2.06	41.0		9.00	45.7	638	2.23	31.1							
4.10	25.6	798	2.04	40.7		9.10	46.6	773	2.23	31.1							
4.20	22.8	974	2.06	41.8		9.20	42.4	748	2.22	32.1							
4.30	22.4	773	2.05	42.9		9.30	44.9	739	2.22	32.7							
4.40	22.8	748	2.07	44.1		9.40	49.7	874	2.22	33.0							
4.50	23.5	874	2.10	39.1		9.50	53.2	958	2.22	33.6							
4.60	25.3	865	2.12	41.3		9.60	54.5	832	2.19	31.6							
4.70	27.6	890	2.14	41.4		9.70	54.6	924	2.15	32.7							
4.80	36.8	773	2.15	34.7		9.80	54.1	882	2.10	31.4							
4.90	36.8	655	2.15	35.2		9.90	46.1	840	2.11	34.7							
revision : 10-May-2005 – AxT																	



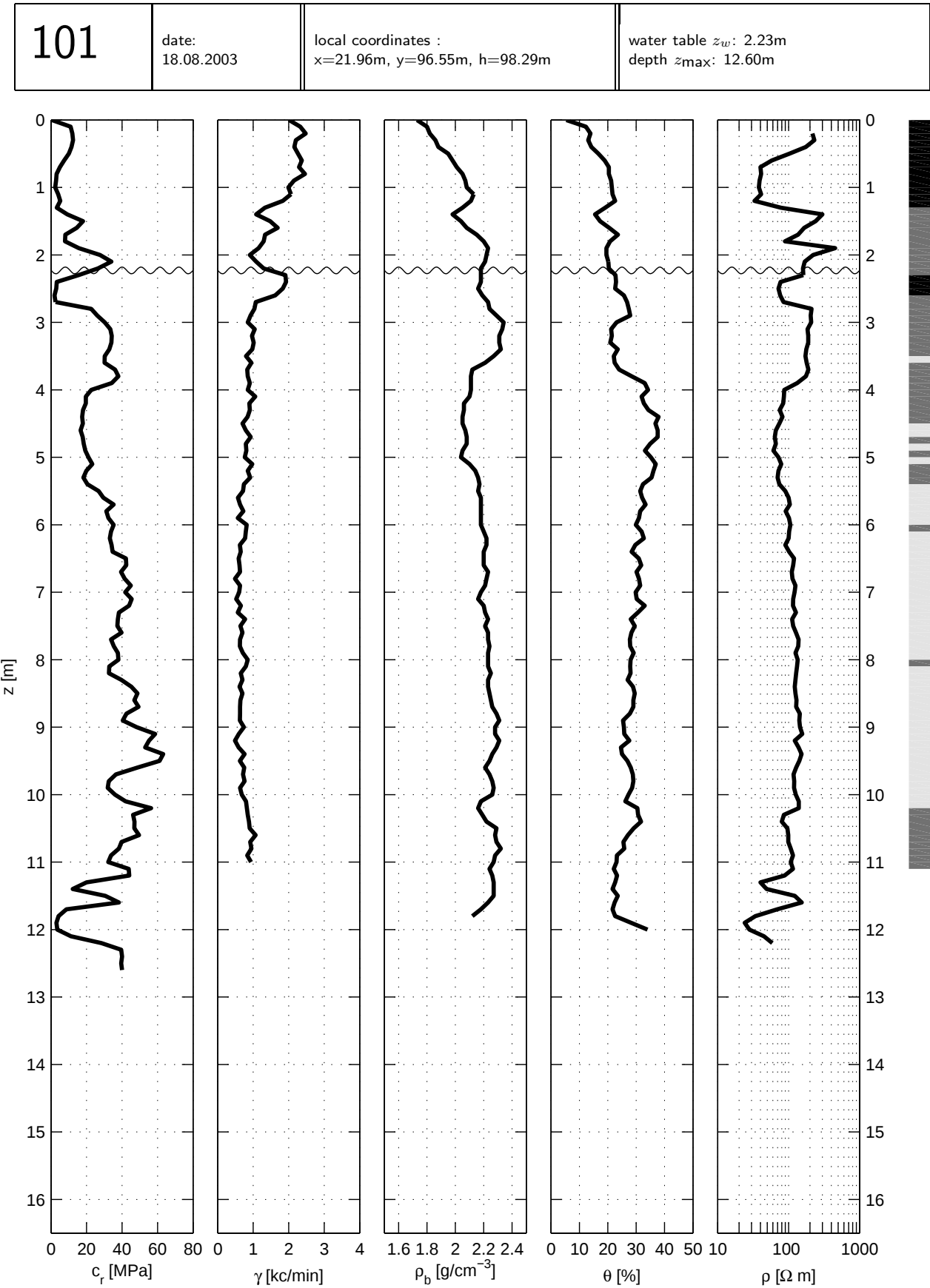
32A		date: 17.08.2003		local coordinates : x=14.10m, y=97.43m, h=98.25m						water table z_w : 2.10m depth z_{max} : 14.00m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1210	1.73	1.2	4	5.00	21.5	882	2.05	37.3	74	10.00	53.8	764	2.26	26.6	147
0.10	13.4	1865	1.73	4.2	157	5.10	21.2	748	2.09	41.5	58	10.10	45.4	722	2.25	27.5	146
0.20	12.5	2285	1.77	11.6	40	5.20	19.4	907	2.08	38.9	62	10.20	38.2	832	2.23	25.4	162
0.30	13.7	2478	1.80	12.8	178	5.30	22.1	882	2.11	40.7	66	10.30	43.9	596	2.24	28.1	164
0.40	10.2	2276	1.83	13.7	121	5.40	20.0	781	2.12	40.3	64	10.40	39.6	806	2.25	28.9	152
0.50	8.6	2503	1.84	15.3	56	5.50	20.9	706	2.15	38.9	62	10.50	31.9	848	2.21	27.6	153
0.60	7.1	2360	1.85	17.4	49	5.60	23.0	596	2.16	35.3	70	10.60	55.1	823	2.22	25.8	164
0.70	7.4	2486	1.90	18.0	58	5.70	29.3	680	2.16	35.3	77	10.70	55.0	848	2.24	30.1	149
0.80	8.9	2369	2.01	16.1	73	5.80	33.0	613	2.16	33.8	80	10.80	47.6	1294	2.26	27.8	136
0.90	9.2	2234	2.10	16.4	66	5.90	35.2	680	2.18	34.6	95	10.90	31.4	1260	2.29	24.9	96
1.00	9.6	1630	2.10	15.4	59	6.00	33.6	605	2.18	33.6	89	11.00	8.4	1310	2.26	24.5	81
1.10	20.8	1478	2.10	14.8	131	6.10	32.2	605	2.18	34.8	84	11.10	3.8	1588	2.16	22.2	67
1.20	36.1	1319	2.07	14.3	169	6.20	37.1	722	2.16	35.6	76	11.20	5.5	1806	2.12	24.8	51
1.30	44.4	1243	2.04	15.8	186	6.30	39.5	580	2.16	33.4	93	11.30	2.5	2058	2.09	27.7	40
1.40	42.0	1008	2.02	16.1	190	6.40	40.6	563	2.14	32.4	98	11.40	7.2	2209	2.07	25.7	60
1.50	34.1	1000	1.99	16.1	255	6.50	37.7	613	2.13	36.5	89	11.50	7.4	2478	2.04	24.3	43
1.60	40.9	1151	1.99	14.0	403	6.60	34.3	538	2.18	34.2	89	11.60	2.3	2822	2.02	25.2	31
1.70	36.0	1277	2.06	12.9	449	6.70	33.1	680	2.19	37.4	86	11.70	2.0	3217	2.06	25.8	28
1.80	38.3	1218	2.11	11.5	748	6.80	34.7	689	2.22	32.3	88	11.80	1.9	3016	2.06	26.7	29
1.90	45.1	1159	2.14	11.6	566	6.90	39.3	655	2.25	34.4	90	11.90	2.5	2512	2.06	28.3	27
2.00	56.9	1126	2.16	15.5	395	7.00	43.9	546	2.26	31.1	93	12.00	6.1	1445	2.05	30.9	33
2.10	50.4	1184	2.10	17.5	121	7.10	45.1	638	2.24	29.4	118	12.10	10.2	991	2.04	34.7	41
2.20	42.6	974	2.25	30.3	150	7.20	49.0	580	2.22	29.0	148	12.20	26.0	748	2.04	38.7	52
2.30	32.0	832	2.30	31.6	142	7.30	54.4	655	2.20	30.3	132	12.30	30.1		2.07	34.1	54
2.40	51.1	1092	2.32	29.9	200	7.40	46.6	647	2.21	34.0	115	12.40	35.8		2.07	36.4	43
2.50	69.5	899	2.33	26.9	211	7.50	37.6	546	2.23	30.8	129	12.50	42.0		2.06	38.8	47
2.60	66.6	1025	2.33	23.5	203	7.60	30.4	731	2.23	29.6	142	12.60	46.0		2.07	35.9	44
2.70	63.6	958	2.34	22.8	207	7.70	30.2	580	2.23	28.8	152	12.70	46.1		2.07	35.6	37
2.80	57.7	706	2.34	23.7	193	7.80	41.5	664	2.21	28.8	126	12.80	44.5		2.07	37.3	44
2.90	64.6	1033	2.35	23.4	210	7.90	41.8	731	2.24	29.4	132	12.90	45.7		2.08	36.2	
3.00	66.2	731	2.36	22.3	238	8.00	44.9	689	2.24	30.6	136	13.00	45.1		2.07	35.8	
3.10	83.3	605	2.35	22.2	242	8.10	48.5	672	2.25	29.7	139	13.10	46.6			37.7	
3.20	59.2	832	2.35	20.2	223	8.20	50.8	672	2.26	27.2	159	13.20	45.6			35.7	
3.30	68.8	773	2.28	21.4	230	8.30	49.3	512	2.23	25.7	166	13.30	43.8			34.5	
3.40	65.8	874	2.24	22.0	192	8.40	52.6	781	2.20	28.6	153	13.40	41.4				
3.50	63.7	722	2.19	22.3	166	8.50	38.9	832	2.21	32.5	142	13.50	41.4				
3.60	49.7	714	2.15	27.8	169	8.60	33.4	790	2.25	29.3	122	13.60	44.8				
3.70	33.4	823	2.15	33.5	96	8.70	32.5	748	2.26	28.5	123	13.70	39.0				
3.80	29.3	714	2.13	34.6	78	8.80	32.0	638	2.26	28.4	145	13.80	32.6				
3.90	27.0	756	2.12	36.7	84	8.90	36.0	672	2.27	27.4	152	13.90	40.2				
4.00	25.9	798	2.10	35.3	80	9.00	32.9	857	2.27	26.5	150	14.00	49.8				
4.10	25.2	815	2.10	39.1	85	9.10	38.4	706	2.25	28.8	153						
4.20	23.8	748	2.09	34.1	78	9.20	52.6	672	2.25	26.4	147						
4.30	22.8	932	2.09	35.7	74	9.30	43.7	739	2.26	28.8	148						
4.40	21.7	865	2.08	35.4	70	9.40	45.1	655	2.28	27.5	152						
4.50	20.8	949	2.08	37.6	73	9.50	45.5	571	2.29	28.7	151						
4.60	21.0	857	2.09	38.0	76	9.60	50.9	571	2.30	27.0	133						
4.70	20.0	748	2.09	39.5	72	9.70	63.8	596	2.29	25.4	153						
4.80	18.0	722	2.09	37.0	73	9.80	56.6	697	2.27	25.8	169						
4.90	20.5	756	2.04	37.0	73	9.90	60.2	664	2.26	27.9	155						
revision : 10-May-2005 – AxT																	



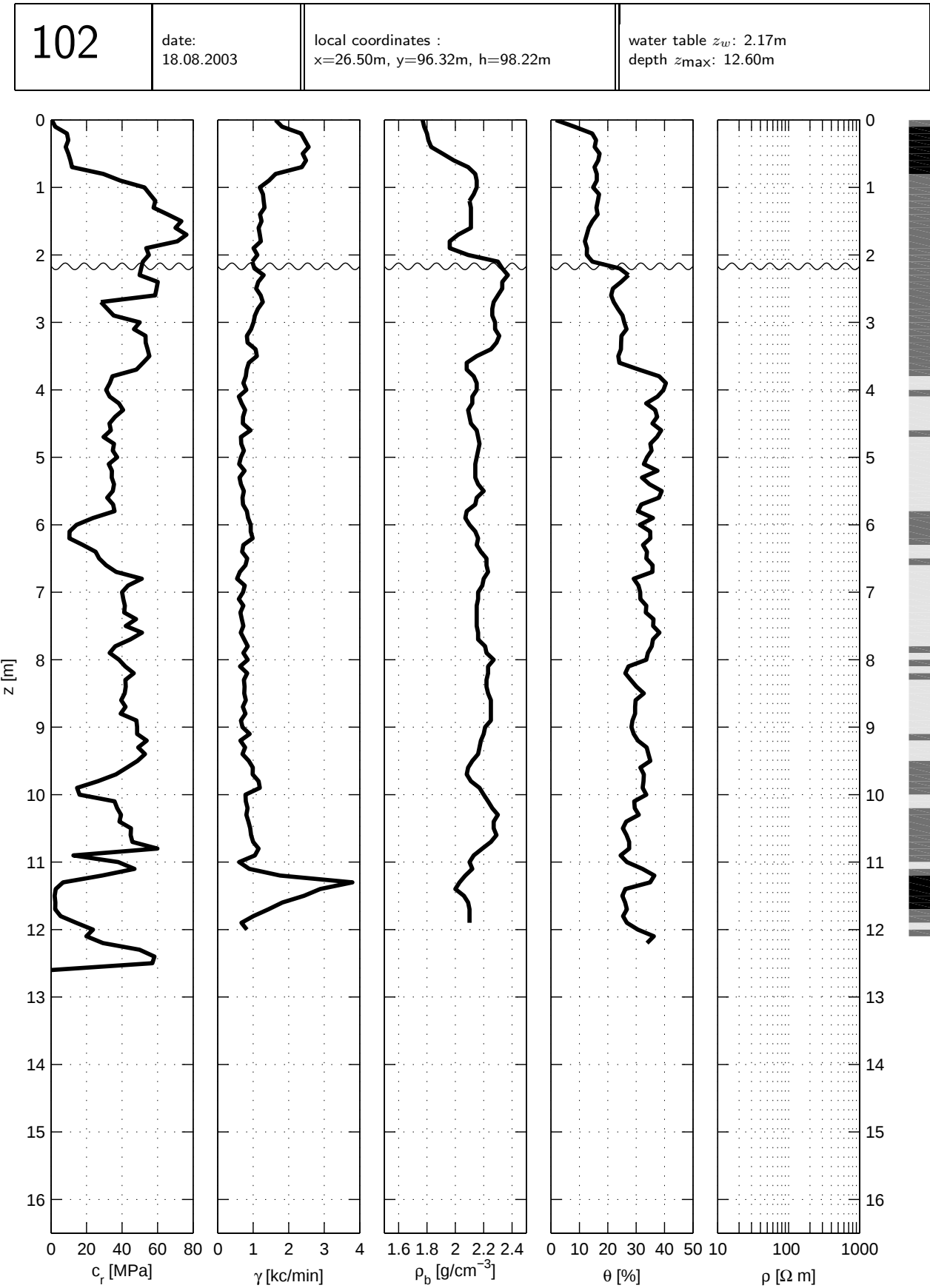
100		date: 26.08.2003		local coordinates : x=16.84m, y=96.26m, h=98.22m				water table z_w : 2.16m depth z_{max} : 12.80m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1159	1.73	4.5		5.00	22.0	764	2.08	43.2		10.00	41.9	1042	2.22	27.5	
0.10	8.5	1705	1.73	10.1		5.10	23.4	874	2.06	43.8		10.10	43.4	655	2.16	27.2	
0.20	12.0	2159	1.76	12.5		5.20	20.0	958	2.08	38.9		10.20	33.4	596	2.18	34.3	
0.30	11.2	2108	1.79	15.8		5.30	20.0	756	2.12	37.9		10.30	37.7	538	2.23	31.7	
0.40	7.8	2377	1.81	16.9		5.40	24.7	764	2.15	35.6		10.40	29.4	622	2.22	29.7	
0.50	7.3	2243	1.85	17.4		5.50	31.6	764	2.19	34.7		10.50	30.5	697	2.27	28.8	
0.60	7.7	2285	1.92	17.5		5.60	32.5	630	2.18	33.5		10.60	48.7	840	2.27	26.6	
0.70	7.4	2402	1.98	18.2		5.70	30.6	630	2.18	34.9		10.70	48.4	748	2.28	24.7	
0.80	5.6	2394	2.03	20.3		5.80	33.8	706	2.20	32.8		10.80	42.1	848	2.28	25.2	
0.90	3.4	2201	2.09	22.5		5.90	31.3	672	2.20	34.9		10.90	44.8	890	2.25	23.8	
1.00	4.2	1949	2.13	19.5		6.00	33.5	605	2.20	35.3		11.00	34.2	882	2.24	24.9	
1.10	7.6	1772	2.09	16.7		6.10	36.2	798	2.21	35.9		11.10	18.6	1109	2.21	24.2	
1.20	29.3	1529	2.06	17.6		6.20	39.2	596	2.20	32.5		11.20	16.9	1319	2.17	26.2	
1.30	24.2	1243	2.07	19.0		6.30	38.4	571	2.19	32.8		11.30	12.1	1100	2.17	28.3	
1.40	31.6	1327	2.10	17.8		6.40	44.0	622	2.18	33.1		11.40	15.4	1093	2.16	29.1	
1.50	39.3	1109	2.13	17.8		6.50	44.0	638	2.20	35.2		11.50	5.0	1063	2.14	26.4	
1.60	47.0	1142	2.15	17.2		6.60	42.4	630	2.18	33.0		11.60	6.5	1701	2.10	26.9	
1.70	53.5	1117	2.16	17.4		6.70	38.9	496	2.21	35.2		11.70	1.7	1762	2.10	24.4	
1.80	57.1	1050	2.13	15.6		6.80	39.7	571	2.20	34.4		11.80	11.4	1276	2.10	27.5	
1.90	55.6	916	2.16	17.6		6.90	42.1	638	2.22	34.5		11.90	10.9	790	2.10	30.8	
2.00	54.8	1025	2.20	22.2		7.00	40.0	504	2.21	32.3		12.00	6.8	972	2.10	30.9	
2.10	54.5	1025	2.21	25.9		7.10	37.9	638	2.21	33.0		12.10	9.6	850	2.09	31.1	
2.20	54.2	857	2.26	27.2		7.20	38.3	605	2.21	34.1		12.20	19.8	820	2.09	32.5	
2.30	53.4	1000	2.27	26.9		7.30	35.9	638	2.20	31.6		12.30	37.6	517		33.2	
2.40	48.8	907	2.27	25.1		7.40	38.8	554	2.18	29.9		12.40	42.1	456		36.7	
2.50	44.8	907	2.28	24.5		7.50	40.1	638	2.16	31.6		12.50	43.6	577		33.8	
2.60	50.5	974	2.26	24.7		7.60	41.3	538	2.15	33.9		12.60	39.0	365			
2.70	41.6	857	2.29	24.8		7.70	42.6	647	2.15	35.8		12.70	43.2				
2.80	45.5	932	2.30	26.0		7.80	40.8	664	2.16	36.2		12.80	45.0				
2.90	48.2	790	2.31	24.5		7.90	41.6	630	2.20	34.0							
3.00	50.8	748	2.26	23.9		8.00	38.4	798	2.26	34.7							
3.10	43.2	916	2.22	22.3		8.10	38.4	781	2.25	31.0							
3.20	55.6	764	2.16	29.9		8.20	37.2	739	2.23	30.2							
3.30	39.4	848	2.14	34.8		8.30	42.0	832	2.23	28.2							
3.40	27.4	731	2.12	34.5		8.40	45.5	622	2.26	28.6							
3.50	29.9	613	2.11	35.2		8.50	49.7	605	2.27	28.4							
3.60	27.4	722	2.10	38.8		8.60	41.6	647	2.24	27.9							
3.70	23.5	756	2.10	39.0		8.70	47.4	748	2.23	27.9							
3.80	22.0	748	2.10	36.2		8.80	49.8	554	2.21	30.3							
3.90	21.7	764	2.10	39.1		8.90	50.5	521	2.22	28.9							
4.00	16.0	882	2.12	37.0		9.00	31.1	630	2.23	28.5							
4.10	16.7	857	2.12	35.8		9.10	34.3	781	2.23	27.1							
4.20	18.7	756	2.12	38.6		9.20	42.4	647	2.24	30.0							
4.30	18.4	865	2.10	36.4		9.30	43.4	630	2.26	30.8							
4.40	17.4	848	2.10	37.9		9.40	46.9	630	2.24	26.5							
4.50	16.3	916	2.10	36.2		9.50	42.6	596	2.26	29.5							
4.60	16.6	958	2.08	36.0		9.60	32.5	832	2.26	28.4							
4.70	18.8	697	2.04	40.1		9.70	35.6	613	2.26	26.8							
4.80	18.5	680	2.05	39.7		9.80	39.7	697	2.26	26.3							
4.90	18.8	714	2.05	43.1		9.90	37.9	697	2.23	27.4							
revision : 10-May-2005 – AxT																	



101	date: 18.08.2003					local coordinates : x=21.96m, y=96.55m, h=98.29m					water table z_w : 2.23m depth $z_{\max}$: 12.60m							
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			2008	1.73	5.4		5.00	21.1	764	2.04	35.2	72	10.00	36.1	680	2.26	27.3	126
0.10	11.0	2327		1.80	12.3		5.10	23.2	974	2.10	36.9	79	10.10	42.0	798	2.18	26.2	139
0.20	12.0	2478		1.82	13.9	217	5.20	19.9	848	2.14	36.1	72	10.20	56.4	823	2.16	30.4	139
0.30	12.4	2201		1.86	13.1	230	5.30	18.2	916	2.16	35.4	70	10.30	46.2	848	2.19	30.7	86
0.40	11.5	2159		1.88	14.2	174	5.40	20.5	739	2.17	32.4	74	10.40	47.0	882	2.22	31.7	80
0.50	10.0	2260		1.95	16.7	103	5.50	26.8	714	2.16	31.4	90	10.50	46.9	899	2.29	29.1	96
0.60	7.3	2369		1.98	18.9	58	5.60	29.4	571	2.18	32.1	100	10.60	49.6	1067	2.28	27.1	99
0.70	5.0	2293		2.01	20.4	40	5.70	35.3	630	2.18	33.3	104	10.70	39.7	916	2.29	25.5	99
0.80	3.1	2461		2.05	20.4	41	5.80	31.1	722	2.18	31.4	91	10.80	38.2	949	2.32	25.8	107
0.90	2.8	2150		2.07	21.2	39	5.90	32.3	563	2.18	31.0	101	10.90	33.8	832	2.28	23.2	115
1.00	2.3	1991		2.08	21.4	38	6.00	35.3	815	2.18	29.9	106	11.00	32.2	941	2.27	23.1	107
1.10	4.0	2066		2.13	21.7	41	6.10	33.8	790	2.20	31.9	102	11.10	43.7		2.24	22.1	115
1.20	5.2	1831		2.11	22.6	33	6.20	33.1	773	2.22	32.7	100	11.20	44.0		2.26	23.3	88
1.30	3.2	1327		2.05	19.1	78	6.30	34.1	622	2.22	29.7	90	11.30	20.0		2.27	22.6	40
1.40	9.1	1084		1.98	15.5	300	6.40	34.7	647	2.20	28.4	102	11.40	12.2		2.27	21.7	49
1.50	18.0	1478		2.04	17.3	240	6.50	42.2	588	2.20	30.9	119	11.50	30.5		2.27	23.5	122
1.60	14.5	1688		2.08	20.5	166	6.60	42.4	613	2.20	31.8	116	11.60	38.2		2.23	22.4	153
1.70	8.0	1336		2.15	23.6	136	6.70	39.4	630	2.23	30.1	111	11.70	8.6		2.18	21.7	69
1.80	7.8	1294		2.20	20.8	89	6.80	41.5	487	2.22	31.0	113	11.80	4.2		2.12	22.6	34
1.90	15.6	1151		2.23	19.5	452	6.90	44.9	630	2.21	31.4	125	11.90	3.0			28.2	24
2.00	27.6	907		2.22	19.5	222	7.00	41.8	605	2.18	29.8	121	12.00	3.5			34.0	28
2.10	34.0	1084		2.21	20.2	169	7.10	45.4	521	2.16	30.2	116	12.10	11.2				45
2.20	26.4	1294		2.18	20.4	159	7.20	43.9	655	2.20	33.0	115	12.20	28.4				59
2.30	15.5	1907		2.18	22.7	161	7.30	38.2	563	2.21	30.6	127	12.30	39.5				
2.40	3.2	1924		2.18	22.9	77	7.40	37.6	773	2.23	28.1	112	12.40	40.0				
2.50	2.9	1831		2.16	22.6	72	7.50	37.3	638	2.21	29.5	116	12.50	39.5				
2.60	1.9	1621		2.19	25.7	76	7.60	39.7	697	2.23	28.3	127	12.60	40.0				
2.70	2.5	1075		2.23	26.8	85	7.70	33.8	630	2.23	27.8	138						
2.80	22.6	1033		2.24	27.4	211	7.80	35.4	622	2.24	27.9	137						
2.90	26.0	924		2.29	27.9	204	7.90	37.6	706	2.23	29.1	125						
3.00	30.2	848		2.34	23.1	208	8.00	37.9	848	2.23	28.0	134						
3.10	33.4	1042		2.33	21.2	185	8.10	32.8	790	2.23	27.9	131						
3.20	34.2	966		2.31	21.4	189	8.20	32.6	647	2.25	28.0	128						
3.30	34.0	1016		2.31	20.9	189	8.30	39.6	697	2.23	27.0	125						
3.40	32.8	974		2.32	23.5	177	8.40	45.2	613	2.23	28.9	122						
3.50	30.2	798		2.27	22.1	172	8.50	48.7	697	2.24	29.5	125						
3.60	30.1	949		2.21	22.4	179	8.60	46.9	638	2.25	29.0	129						
3.70	36.1	832		2.12	24.0	190	8.70	49.3	630	2.26	29.0	128						
3.80	37.9	848		2.11	28.4	175	8.80	42.5	630	2.29	27.8	144						
3.90	34.2	907		2.11	33.0	132	8.90	40.4	622	2.31	25.4	141						
4.00	22.6	848		2.11	34.2	87	9.00	48.2	739	2.28	25.7	145						
4.10	19.6	1058		2.10	31.9	86	9.10	58.6	596	2.28	25.8	156						
4.20	19.6	890		2.06	32.7	84	9.20	55.2	487	2.31	27.6	122						
4.30	18.0	907		2.06	34.3	75	9.30	53.0	588	2.29	24.6	138						
4.40	17.5	840		2.05	37.9	82	9.40	63.2	756	2.26	25.0	152						
4.50	17.9	697		2.05	36.8	74	9.50	61.1	622	2.24	26.9	141						
4.60	16.6	790		2.07	37.6	66	9.60	48.7	748	2.21	28.1	128						
4.70	17.8	932		2.08	37.6	64	9.70	36.5	714	2.24	28.8	117						
4.80	18.4	790		2.08	34.9	66	9.80	32.5	756	2.26	29.0	120						
4.90	19.3	806		2.05	33.1	61	9.90	31.9	630	2.27	28.6	119						
revision : 10-May-2005 – AxT																		

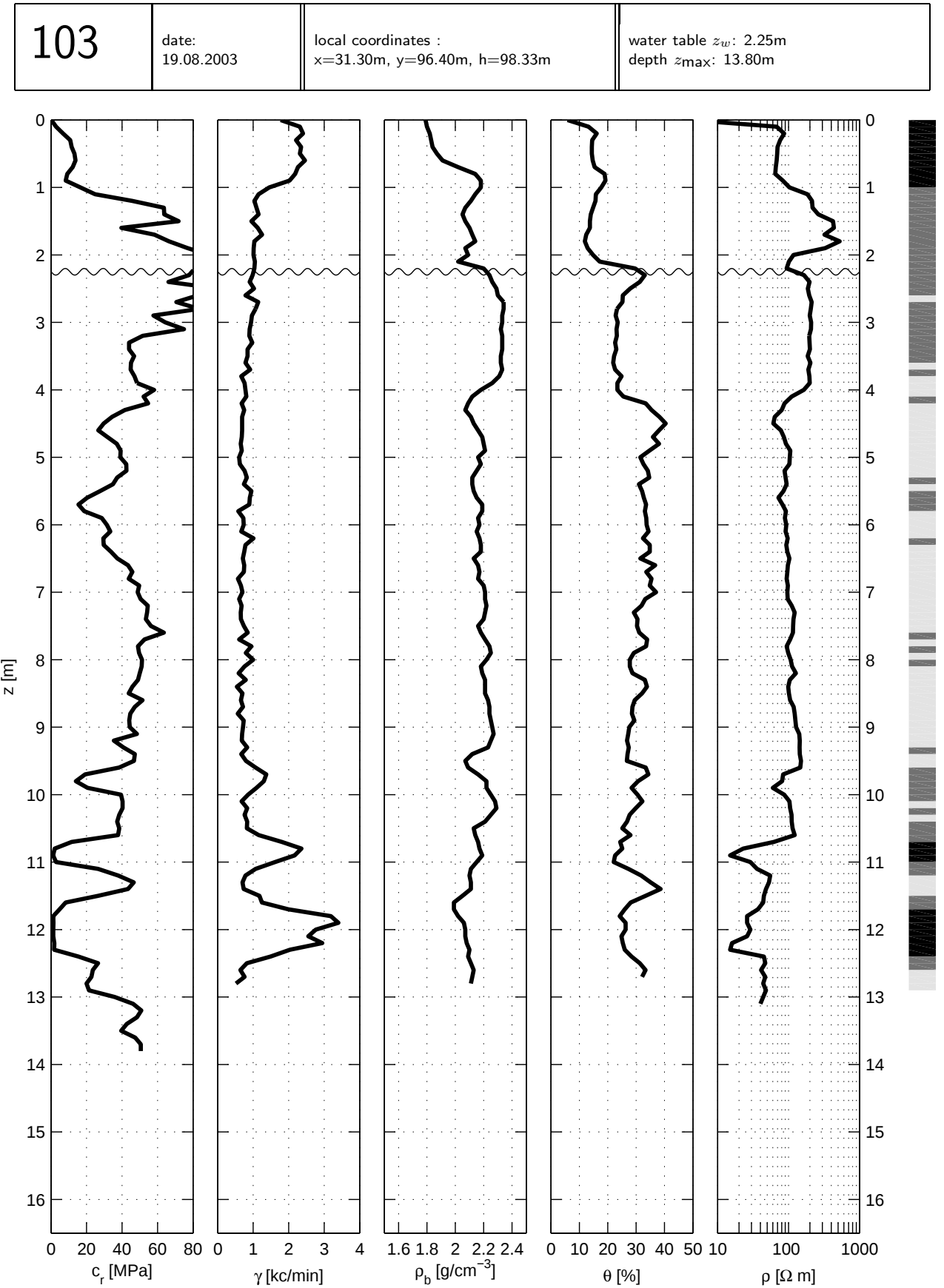


102		date: 18.08.2003		local coordinates : x=26.50m, y=96.32m, h=98.22m				water table z_w : 2.17m depth $z_{\max}$: 12.60m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1630	1.77	1.7		5.00	37.2	655	2.15	33.8		10.00	16.0	781	2.20	33.6	
0.10	2.3	1814	1.78	8.2		5.10	32.5	605	2.14	32.7		10.10	35.8	790	2.23	29.3	
0.20	8.9	2352	1.80	14.5		5.20	34.3	756	2.14	37.5		10.20	37.2	840	2.26	29.5	
0.30	9.7	2453	1.81	15.9		5.30	34.2	613	2.14	32.0		10.30	39.4	806	2.30	30.9	
0.40	8.2	2562	1.83	15.4		5.40	35.5	655	2.16	34.7		10.40	38.5	865	2.27	26.5	
0.50	9.7	2394	1.91	17.1		5.50	34.8	739	2.20	39.0		10.50	45.0	916	2.27	25.3	
0.60	10.9	2486	1.99	16.6		5.60	31.6	697	2.15	38.0		10.60	44.8	941	2.29	26.6	
0.70	11.8	2369	2.09	15.3		5.70	35.0	714	2.14	31.8		10.70	45.8	1000	2.25	27.5	
0.80	29.4	1630	2.14	16.1		5.80	35.8	823	2.08	30.6		10.80	59.9	1151	2.19	27.5	
0.90	39.0	1445	2.15	16.1		5.90	23.6	857	2.07	35.9		10.90	12.6	1050	2.13	24.5	
1.00	52.6	1184	2.15	14.8		6.00	14.4	932	2.10	31.3		11.00	37.8	605	2.10	26.7	
1.10	55.7	1277	2.13	16.9		6.10	10.4	932	2.14	34.9		11.10	47.0	890	2.12	32.2	
1.20	58.7	1294	2.10	16.5		6.20	10.3	983	2.16	35.0		11.20	28.8	1756	2.07	36.4	
1.30	57.8	1319	2.11	16.0		6.30	17.9	722	2.15	32.4		11.30	6.8	3797	2.03	34.9	
1.40	65.6	1193	2.11	16.4		6.40	25.1	689	2.18	33.8		11.40	2.6	2886	2.00	26.2	
1.50	73.4	1235	2.11	14.6		6.50	27.1	832	2.22	33.6		11.50	2.0	2430	2.06	25.1	
1.60	70.1	1151	2.11	13.3		6.60	31.0	781	2.22	35.8		11.60	2.4	1823	2.09	26.1	
1.70	76.3	1184	2.02	12.6		6.70	36.6	622	2.23	35.7		11.70	2.3	1428	2.10	26.7	
1.80	71.2	1218	1.96	11.9		6.80	51.1	546	2.20	29.1		11.80	5.4	1002	2.10	25.4	
1.90	53.6	1008	1.96	12.7		6.90	43.4	764	2.19	30.8		11.90	14.2	668	2.10	26.7	
2.00	55.1	1117	2.09	12.6		7.00	40.0	714	2.16	31.4		12.00	23.6	820		30.6	
2.10	51.7	974	2.30	14.6		7.10	40.7	596	2.16	31.5		12.10	19.9			36.2	
2.20	50.8	1033	2.33	24.2		7.20	41.6	722	2.15	33.6		12.20	29.2			33.8	
2.30	49.9	1294	2.37	27.3		7.30	41.2	638	2.15	33.4		12.30	49.9				
2.40	60.1	1142	2.33	24.7		7.40	47.9	680	2.15	36.1		12.40	58.2				
2.50	59.4	1084	2.33	21.8		7.50	42.1	722	2.15	36.0		12.50	57.1				
2.60	58.6	1210	2.30	21.2		7.60	51.2	647	2.16	38.2		12.60					
2.70	28.1	1268	2.27	22.1		7.70	44.6	748	2.16	35.9							
2.80	31.7	1134	2.26	23.6		7.80	36.2	848	2.21	35.5							
2.90	35.3	1050	2.26	25.2		7.90	33.0	722	2.22	34.1							
3.00	50.0	1008	2.28	25.8		8.00	38.3	848	2.27	33.6							
3.10	46.7	941	2.28	26.6		8.10	41.8	630	2.23	27.3							
3.20	53.2	823	2.31	24.8		8.20	46.6	832	2.23	26.2							
3.30	53.3	840	2.29	24.7		8.30	41.9	739	2.22	28.1							
3.40	54.4	1067	2.25	24.6		8.40	42.1	756	2.22	30.1							
3.50	55.4	1100	2.15	23.7		8.50	41.5	748	2.23	32.7							
3.60	51.8	874	2.08	24.1		8.60	39.5	790	2.25	29.8							
3.70	48.1	815	2.08	31.0		8.70	42.0	706	2.25	29.6							
3.80	34.6	790	2.13	38.1		8.80	39.2	781	2.25	29.6							
3.90	33.1	722	2.15	40.5		8.90	48.1	655	2.25	28.7							
4.00	31.0	806	2.15	39.6		9.00	48.5	697	2.21	28.3							
4.10	33.0	596	2.12	37.5		9.10	48.5	899	2.20	29.1							
4.20	38.2	672	2.12	33.5		9.20	53.9	638	2.18	30.6							
4.30	40.6	773	2.09	36.7		9.30	49.1	773	2.17	33.7							
4.40	36.1	714	2.10	37.4		9.40	52.9	697	2.16	34.3							
4.50	32.9	706	2.11	35.7		9.50	48.7	874	2.12	35.0							
4.60	33.7	924	2.15	38.8		9.60	42.8	991	2.09	31.5							
4.70	29.5	655	2.16	37.3		9.70	36.5	983	2.08	32.7							
4.80	35.5	664	2.17	35.0		9.80	26.4	1151	2.11	32.6							
4.90	34.8	739	2.16	35.4		9.90	14.6	1184	2.17	32.3							
revision : 10-May-2005 – AxT																	



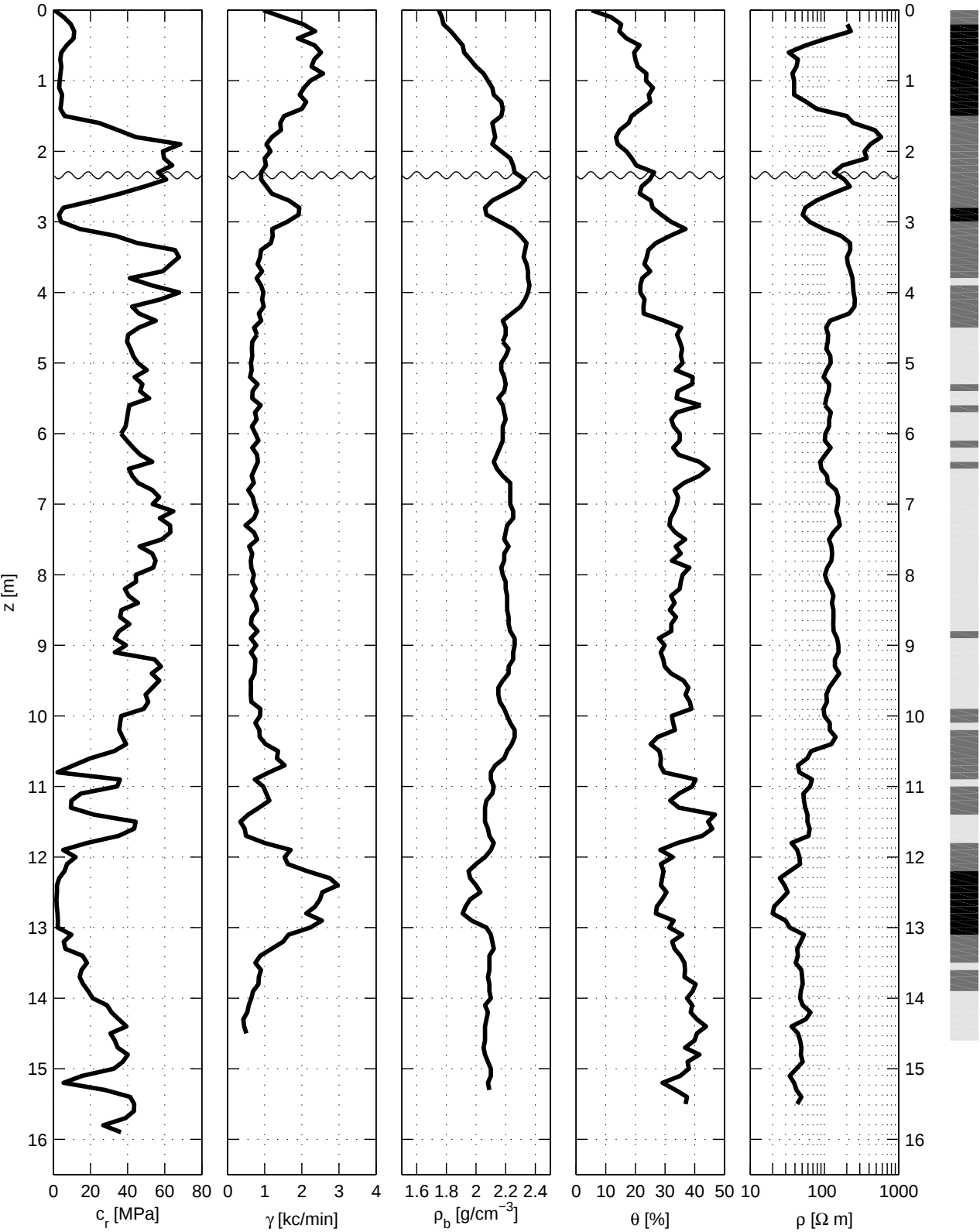
103	date: 19.08.2003					local coordinates : x=31.30m, y=96.40m, h=98.33m					water table z_w : 2.25m depth z_{max} : 13.80m						
$\begin{matrix} z & c_r & \gamma & \varrho_b & \theta & \rho \\ \text{m} & \text{MPa} & \text{cpm} & \text{t/m}^3 & \% & \Omega\text{m} \end{matrix}$						$\begin{matrix} z & c_r & \gamma & \varrho_b & \theta & \rho \\ \text{m} & \text{MPa} & \text{cpm} & \text{t/m}^3 & \% & \Omega\text{m} \end{matrix}$						$\begin{matrix} z & c_r & \gamma & \varrho_b & \theta & \rho \\ \text{m} & \text{MPa} & \text{cpm} & \text{t/m}^3 & \% & \Omega\text{m} \end{matrix}$					
0.00						5.00						10.00					
0.10						5.10						10.10					
0.20						5.20						10.20					
0.30						5.30						10.30					
0.40						5.40						10.40					
0.50						5.50						10.50					
0.60						5.60						10.60					
0.70						5.70						10.70					
0.80						5.80						10.80					
0.90						5.90						10.90					
1.00						6.00						11.00					
1.10						6.10						11.10					
1.20						6.20						11.20					
1.30						6.30						11.30					
1.40						6.40						11.40					
1.50						6.50						11.50					
1.60						6.60						11.60					
1.70						6.70						11.70					
1.80						6.80						11.80					
1.90						6.90						11.90					
2.00						7.00						12.00					
2.10						7.10						12.10					
2.20						7.20						12.20					
2.30						7.30						12.30					
2.40						7.40						12.40					
2.50						7.50						12.50					
2.60						7.60						12.60					
2.70						7.70						12.70					
2.80						7.80						12.80					
2.90						7.90						12.90					
3.00						8.00						13.00					
3.10						8.10						13.10					
3.20						8.20						13.20					
3.30						8.30						13.30					
3.40						8.40						13.40					
3.50						8.50						13.50					
3.60						8.60						13.60					
3.70						8.70						13.70					
3.80						8.80						13.80					
3.90						8.90											
4.00						9.00											
4.10						9.10											
4.20						9.20											
4.30						9.30											
4.40						9.40											
4.50						9.50											
4.60						9.60											
4.70						9.70											
4.80						9.80											
4.90						9.90											

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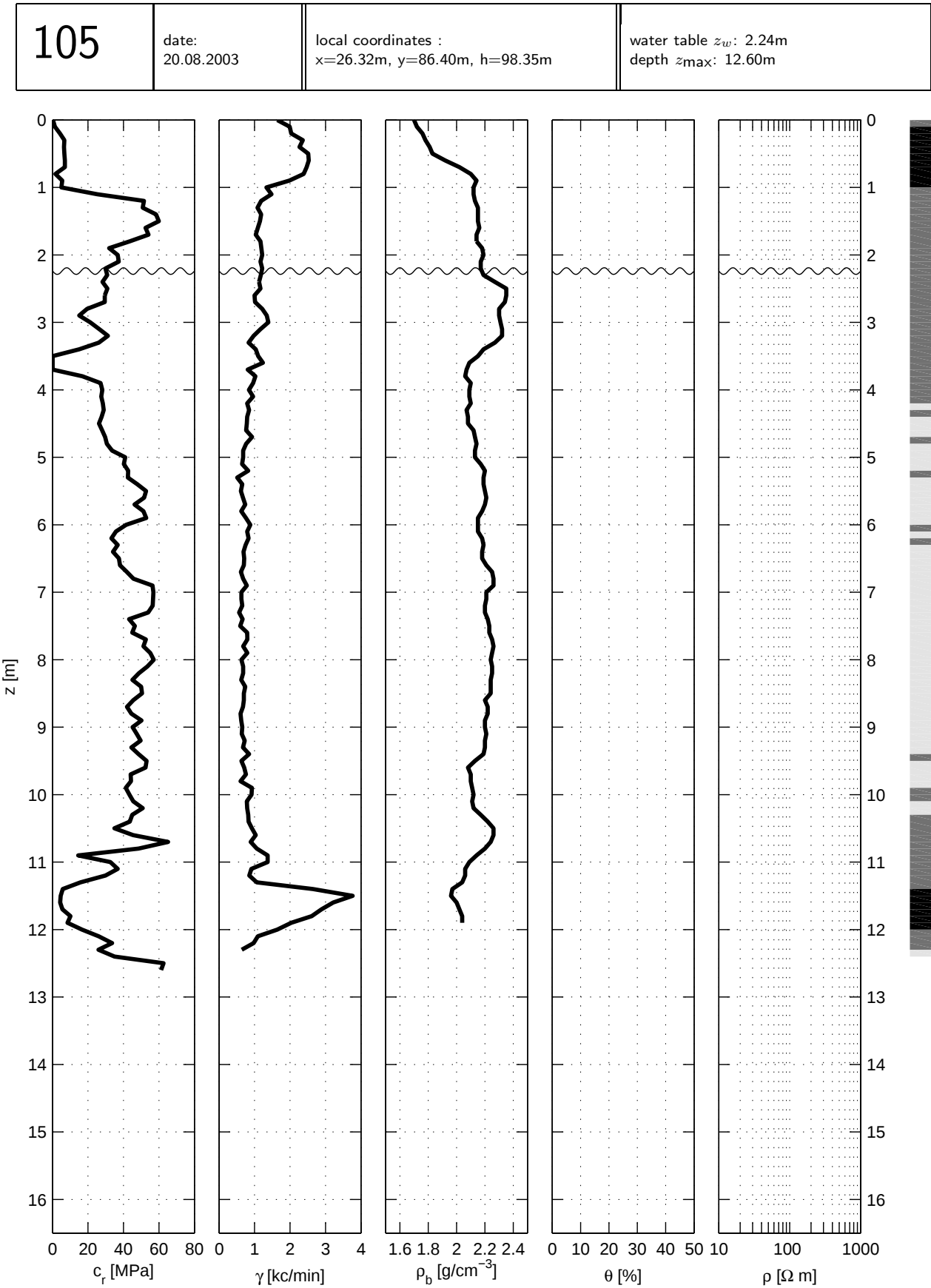


104	date: 19.08.2003					local coordinates : x=36.63m, y=96.81m, h=98.41m					water table z_w : 2.34m depth z_{max} : 15.90m							
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			958	1.75	5.2		5.00	45.5	630	2.17	35.9	121	10.00	36.5	874	2.21	32.3	100
0.10	5.6	1487	1.77	11.8			5.10	50.4	647	2.17	33.6	107	10.10	36.0	748	2.23	32.7	118
0.20	9.4	2041	1.78	15.2	203		5.20	43.7	605	2.19	39.3	97	10.20	35.5	857	2.26	33.3	118
0.30	11.2	2360	1.83	14.6	226		5.30	48.0	806	2.20	39.1	116	10.30	37.2	865	2.26	27.5	141
0.40	10.9	1890	1.87	17.0	108		5.40	46.7	672	2.19	34.3	114	10.40	39.2	1025	2.24	25.1	124
0.50	7.2	2344	1.91	21.4	56		5.50	51.6	664	2.15	33.9	106	10.50	32.8	1361	2.21	28.1	66
0.60	4.3	2520	1.92	19.6	33		5.60	40.9	890	2.18	42.0	102	10.60	20.0	1327	2.19	28.6	59
0.70	3.7	2335	1.96	20.0	44		5.70	40.2	739	2.19	34.0	122	10.70	10.8	1537	2.13	28.4	44
0.80	4.3	2260	2.00	20.8	42		5.80	39.6	781	2.20	32.1	116	10.80	2.2	1117	2.10	29.6	46
0.90	3.8	2570	2.05	23.7	37		5.90	38.9	655	2.18	32.9	115	10.90	35.9	731	2.10	40.3	68
1.00	3.4	2234	2.08	23.6	39		6.00	36.4	748	2.18	34.9	103	11.00	34.4	958	2.12	39.1	64
1.10	3.1	2058	2.11	25.9	39		6.10	39.6	832	2.18	34.9	101	11.10	14.8	1042	2.11	34.7	52
1.20	4.7	1940	2.12	24.5	39		6.20	43.1	664	2.16	32.7	121	11.20	9.7	1126	2.07	31.7	53
1.30	4.3	2117	2.17	25.0	57		6.30	46.8	790	2.14	34.5	103	11.30	9.4	848	2.06	34.6	55
1.40	3.8	1999	2.18	21.9	79		6.40	53.3	815	2.12	41.6	88	11.40	21.8	554	2.06	46.8	59
1.50	6.1	1520	2.17	18.7	200		6.50	40.7	731	2.14	44.6	91	11.50	44.3	344	2.06	44.5	59
1.60	24.6	1420	2.11	17.7	244		6.60	42.5	647	2.18	41.5	108	11.60	43.6	462	2.08	45.9	63
1.70	34.8	1436	2.12	14.7	476		6.70	45.6	706	2.23	36.4	111	11.70	35.2	496	2.09	42.5	61
1.80	44.4	1193	2.13	13.5	582		6.80	53.3	554	2.23	33.2	143	11.80	18.1	1000	2.12	34.2	36
1.90	68.4	1050	2.11	14.0	417		6.90	57.1	680	2.23	34.4	153	11.90	5.3	1697	2.10	28.4	43
2.00	59.0	1159	2.17	17.0	347		7.00	53.5	722	2.23	34.0	151	12.00	12.0	1537	2.06	32.6	46
2.10	59.6	1000	2.23	18.8	370		7.10	64.7	790	2.25	33.1	144	12.10	7.3	1621	2.00	28.6	47
2.20	64.1	1033	2.25	20.3	174		7.20	57.4	714	2.25	31.8							

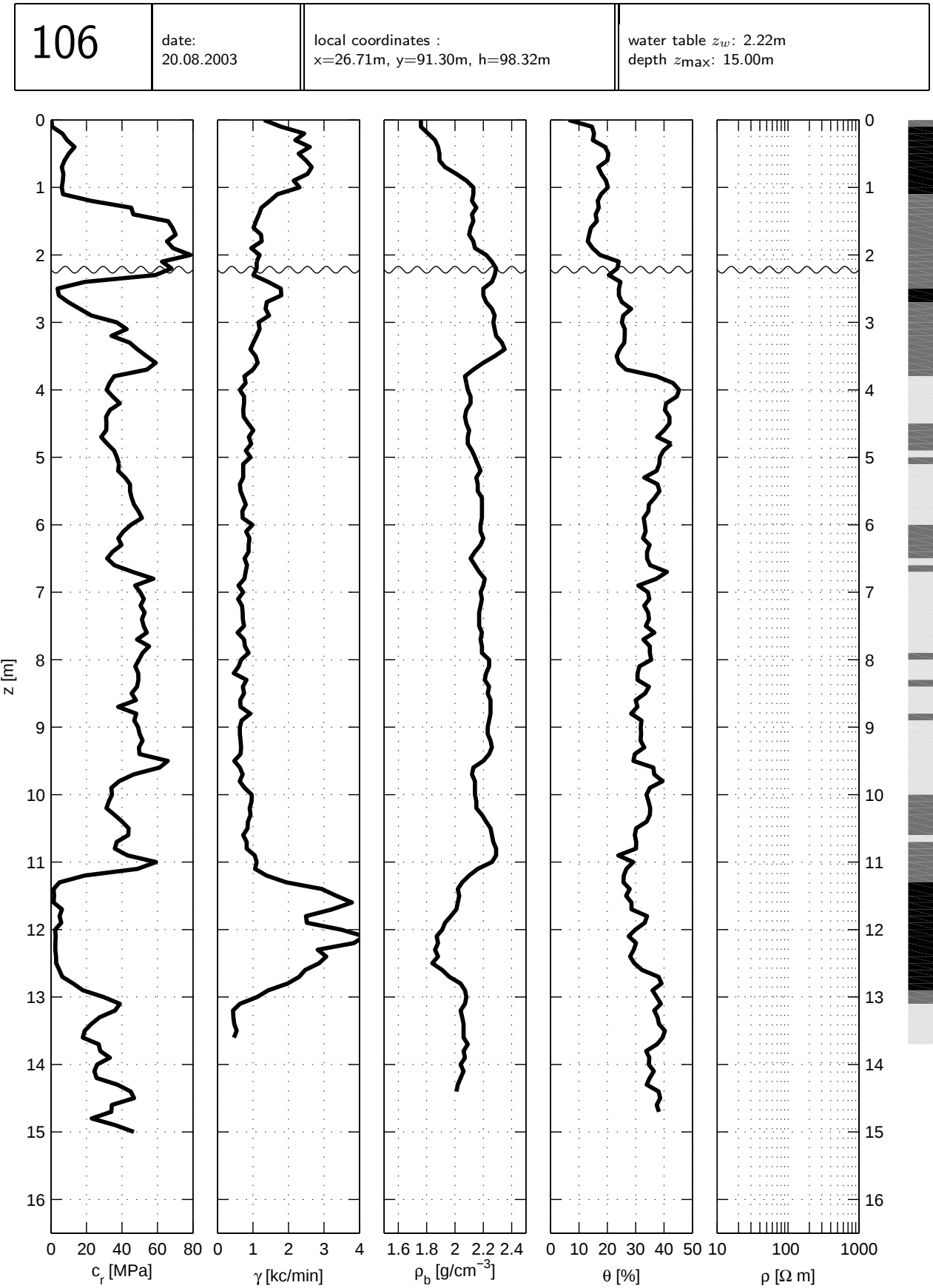
104	date: 19.08.2003	local coordinates : x=36.63m, y=96.81m, h=98.41m	water table z_w : 2.34m depth $z_{\max}$: 15.90m
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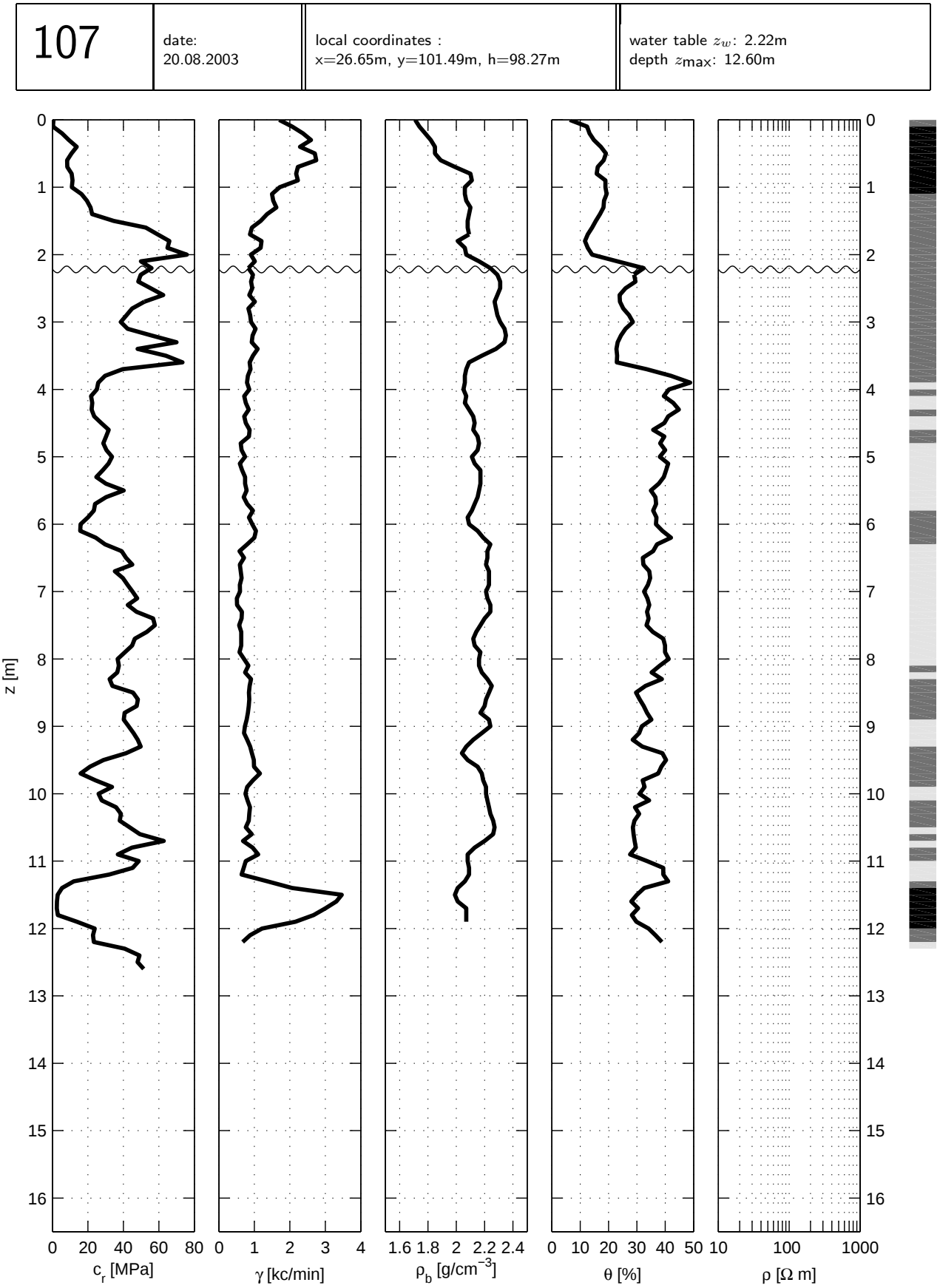
[illegible]



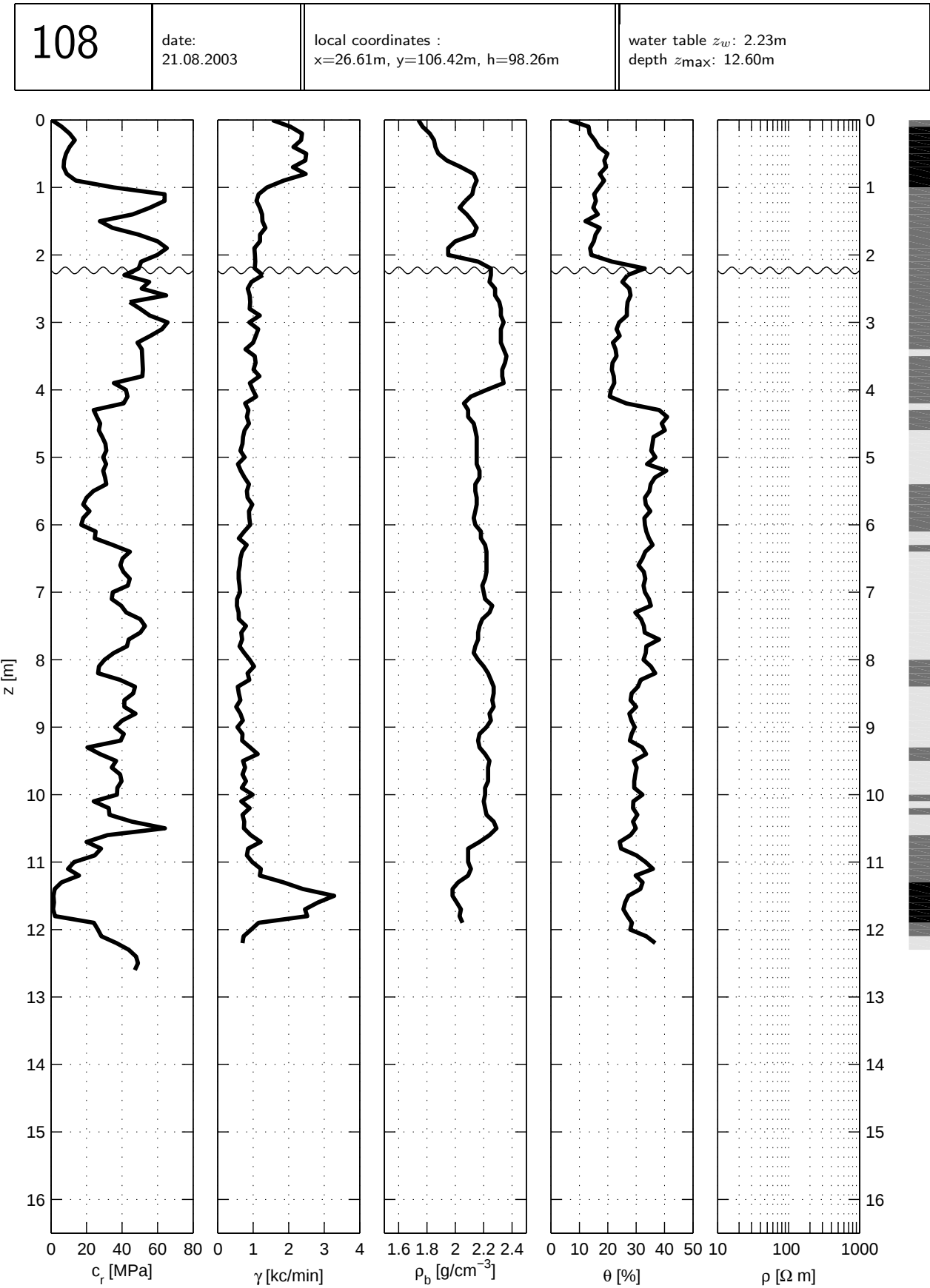
106	date: 20.08.2003					local coordinates : x=26.71m, y=91.30m, h=98.32m					water table z_w : 2.22m depth $z_{\max}$: 15.00m				
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ % ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ % ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ % ρ Ωm
0.00			1310	1.76	6.4	5.00	37.1	932	2.14	38.5	10.00	34.4	966	2.14	33.8
0.10			1789	1.76	14.6	5.10	38.3	722	2.16	38.3	10.10	32.6	958	2.15	34.5
0.20	6.4	2444	1.81	15.3		5.20	37.8	722	2.18	37.4	10.20	31.2	907	2.15	35.1
0.30	9.0	2192	1.86	14.9		5.30	41.8	722	2.15	33.0	10.30	35.8	932	2.19	35.0
0.40	13.3	2604	1.88	19.2		5.40	44.5	630	2.16	37.7	10.40	40.1	857	2.22	33.9
0.50	10.0	2285	1.89	20.4		5.50	44.5	647	2.16	38.4	10.50	43.7	848	2.25	30.2
0.60	7.6	2495	1.89	20.0		5.60	45.4	722	2.19	36.7	10.60	43.6	722	2.26	29.7
0.70	6.1	2654	1.93	16.8		5.70	46.8	798	2.19	34.6	10.70	37.0	823	2.27	30.2
0.80	7.0	2537	2.01	17.9		5.80	49.3	697	2.19	34.5	10.80	36.0	823	2.29	30.1
0.90	6.7	2150	2.08	19.5		5.90	51.2	706	2.19	32.8	10.90	43.2	1050	2.29	23.8
1.00	6.1	2310	2.13	20.2		6.00	45.0	983	2.18	33.2	11.00	59.2	1100	2.26	29.1
1.10	6.8	1688	2.13	17.8		6.10	40.8	806	2.18	33.5	11.10	48.8	1058	2.16	26.7
1.20	22.6	1470	2.12	16.6		6.20	37.9	899	2.20	32.6	11.20	19.0	1378	2.10	25.8
1.30	45.2	1235	2.15	17.0		6.30	39.7	874	2.18	34.9	11.30	4.8	1940	2.05	25.7
1.40	46.4	1168	2.12	15.9		6.40	34.7	874	2.14	34.0	11.40	1.4	2940	2.02	27.9
1.50	66.0	1084	2.13	16.3		6.50	31.6	764	2.11	34.0	11.50	1.7	3352	2.03	26.6
1.60	68.5	1016	2.11	14.2		6.60	35.8	832	2.14	35.1	11.60	1.4	3788	2.02	28.5
1.70	70.3	1226	2.10	13.6		6.70	46.0	790	2.17	41.0	11.70	6.2	3234	2.01	28.5
1.80	65.4	1243	2.13	13.1		6.80	57.8	756	2.21	37.3	11.80	4.8	2495	1.97	34.0
1.90	68.8	949	2.14	14.8		6.90	47.4	588	2.20	30.9	11.90	5.8	2520	1.93	33.2
2.00	78.7	1184	2.22	17.4		7.00	50.3	722	2.18	34.3	12.00	2.3	3478	1.91	29.9
2.10	62.6	1100	2.26	24.0		7.10	52.3	580	2.19	34.8	12.10	2.6	4124	1.87	27.5
2.20	67.9	1100	2.29	23.5		7.20	50.5	689	2.18	33.0	12.20	2.4	3847	1.88	30.1
2.30	58.8	1008	2.28	20.5		7.30	52.8	706	2.17	34.4	12.30	2.4	2822	1.86	29.3
2.40	19.0	1428	2.26	24.6		7.40	51.2	714	2.17	34.7	12.40	2.8	3066	1.88	28.0
2.50	3.7	1781	2.20	24.1		7.50	52.2	748	2.17	33.6	12.50	2.9	2864	1.84	29.5
2.60	4.4	1798	2.20	24.1		7.60	54.0	563	2.19	36.6	12.60	4.7	2470	1.91	32.3
2.70	9.6	1386	2.22	25.1		7.70	48.5	748	2.18	32.7	12.70	6.4	2302	1.96	38.1
2.80	16.2	1352	2.26	28.4		7.80	55.3	773	2.19	35.0	12.80	12.5	1974	2.04	39.1
2.90	22.7	1453	2.28	25.6		7.90	51.6	874	2.19	35.0	12.90	18.0	1428	2.07	35.9
3.00	37.0	1159	2.27	25.1		8.00	49.6	664	2.24	35.5	13.00	29.5	1117	2.08	37.4
3.10	42.7	1184	2.28	26.2		8.10	47.5	596	2.24	31.3	13.10	38.8	630	2.07	38.9
3.20	34.1	1100	2.29	26.1		8.20	49.2	454	2.22	30.7	13.20	36.2	437	2.04	36.5
3.30	44.3	1008	2.33	26.0		8.30	49.3	815	2.21	30.6	13.30	27.4	445	2.05	37.7
3.40	48.7	924	2.35	24.3		8.40	48.5	714	2.24	34.7	13.40	22.7	470	2.06	38.2
3.50	53.8	1075	2.28	23.3		8.50	45.4	748	2.23	33.3	13.50	19.0	538	2.06	40.3
3.60	59.0	1134	2.20	24.0		8.60	47.9	638	2.25	30.0	13.60	17.9	462	2.06	39.5
3.70	54.1	1000	2.13	26.6		8.70	37.8	647	2.25	30.6	13.70	26.9		2.09	37.5
3.80	35.6	756	2.07	37.3		8.80	48.1	924	2.25	28.4	13.80	27.8		2.06	33.7
3.90	33.0	790	2.08	43.2		8.90	46.9	680	2.24	32.0	13.90	33.2		2.07	34.8
4.00	31.3	630	2.09	45.3		9.00	49.1	630	2.23	31.8	14.00	26.0		2.04	34.6
4.10	34.8	748	2.11	44.5		9.10	50.0	630	2.23	31.9	14.10	24.4		2.06	36.4
4.20	38.8	748	2.11	40.7		9.20	51.6	647	2.25	31.7	14.20	25.7		2.04	34.9
4.30	33.2	722	2.08	40.3		9.30	49.6	664	2.26	33.0	14.30	37.4		2.02	33.9
4.40	31.0	739	2.07	41.9		9.40	49.9	647	2.24	29.7	14.40	44.9		2.01	38.1
4.50	31.2	865	2.08	41.9		9.50	65.8	470	2.20	29.2	14.50	46.8			38.6
4.60	31.1	1008	2.10	40.0		9.60	61.2	630	2.13	36.2	14.60	34.3			37.4
4.70	28.3	882	2.09	37.6		9.70	46.6	706	2.12	36.5	14.70	34.0			38.2
4.80	31.7	949	2.09	42.6		9.80	38.4	622	2.14	39.5	14.80	22.9			
4.90	35.6	798	2.12	39.8		9.90	34.0	764	2.14	35.0	14.90	36.4			
revision : 10-May-2005 – Ax7															



107	date: 20.08.2003					local coordinates : x=26.65m, y=101.49m, h=98.27m					water table z_w : 2.22m depth z_{max} : 12.60m							
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			1697	1.71	6.3		5.00	33.6	739	2.11	38.1		10.00	26.0	748	2.21	30.9	
0.10			2066	1.74	12.4		5.10	31.6	588	2.13	41.0		10.10	27.8	806	2.22	34.3	
0.20	5.4	2369	1.78	13.3			5.20	28.4	655	2.17	40.3		10.20	35.9	874	2.23	29.3	
0.30	9.2	2596	1.82	14.8			5.30	24.7	739	2.17	39.5		10.30	38.6	857	2.24	30.8	
0.40	13.7	2285	1.85	17.3			5.40	30.1	739	2.17	37.7		10.40	37.9	840	2.26	29.1	
0.50	10.7	2705	1.85	19.1			5.50	40.2	781	2.16	34.9		10.50	43.6	756	2.27	28.6	
0.60	8.2	2747	1.89	18.3			5.60	30.2	697	2.15	36.5		10.60	49.3	924	2.26	28.8	
0.70	8.3	2226	1.99	16.2			5.70	24.0	798	2.13	36.8		10.70	62.8	680	2.20	29.2	
0.80	10.8	2176	2.10	15.8			5.80	23.3	958	2.11	35.7		10.80	44.8	949	2.13	29.6	
0.90	11.3	2226	2.11	18.9			5.90	20.0	848	2.08	36.9		10.90	36.8	1109	2.08	27.6	
1.00	10.9	1714	2.06	18.9			6.00	15.8	941	2.09	36.7		11.00	48.7	759	2.08	33.6	
1.10	16.3	1495	2.06	19.3			6.10	15.6	1042	2.15	39.0		11.10	45.2	699	2.09	39.3	
1.20	19.4	1529	2.07	18.4			6.20	24.4	1000	2.19	42.0		11.20	32.0	638	2.09	39.3	
1.30	21.5	1621	2.10	18.2			6.30	29.6	798	2.24	37.1		11.30	12.0	1367	2.06	41.0	
1.40	22.3	1361	2.09	17.0			6.40	39.0	580	2.22	35.7		11.40	5.4	2066	2.01	32.6	
1.50	34.6	1176	2.08	15.5			6.50	41.5	706	2.22	32.1		11.50	2.9	3464	1.99	30.0	
1.60	52.6	932	2.08	14.2			6.60	45.0	588	2.21	32.3		11.60	2.5	3312	2.01	28.0	
1.70	59.3	874	2.09	12.7			6.70	35.2	613	2.23	34.4		11.70	2.4	3008	2.07	30.4	
1.80	65.9	1201	2.01	11.7			6.80	39.7	638	2.23	34.7		11.80	3.0	2673	2.07	28.2	
1.90	64.9	1176	2.06	12.7			6.90	42.4	588	2.23	33.9		11.90	13.8	2157	2.07	29.8	
2.00	75.8	899	2.07	14.2			7.00	45.1	596	2.21	32.5		12.00	23.8	1215		34.1	
2.10	49.9	1016	2.16	23.1			7.10	47.8	504	2.22	33.7		12.10	22.8	881		36.5	
2.20	55.9	832	2.24	32.4			7.20	42.5	512	2.24	34.4		12.20	23.3	668		38.8	
2.30	49.8	958	2.29	29.0			7.30	47.4	647	2.24	33.6		12.30	40.7				
2.40	48.4	907	2.31	29.5			7.40	56.8	638	2.20	34.1		12.40	49.1				
2.50	55.4	941	2.31	26.0			7.50	57.8	571	2.17	33.4		12.50	48.0				
2.60	62.5	857	2.29	23.9			7.60	53.2	630	2.14	35.6		12.60	51.4				
2.70	51.8	1016	2.27	24.0			7.70	46.4	630	2.12	39.3							
2.80	44.9	832	2.28	25.2			7.80	44.9	630	2.13	39.9							
2.90	41.8	882	2.29	27.2			7.90	40.9	580	2.17	39.9							
3.00	38.5	907	2.31	28.6			8.00	36.7	706	2.16	41.2							
3.10	42.4	1033	2.34	26.0			8.10	37.4	832	2.16	38.1							
3.20	55.8	949	2.35	24.4			8.20	36.5	739	2.18	35.2							
3.30	70.0	924	2.34	23.2			8.30	32.2	907	2.22	38.8							
3.40	48.0	1092	2.28	22.8			8.40	33.8	865	2.25	33.0							
3.50	64.0	958	2.18	23.0			8.50	45.4	848	2.23	29.7							
3.60	73.3	865	2.09	22.9			8.60	48.2	857	2.21	31.0							
3.70	39.6	890	2.07	33.4			8.70	47.5	840	2.20	32.4							
3.80	29.6	815	2.06	42.0			8.80	40.7	815	2.17	33.6							
3.90	25.8	790	2.06	48.8			8.90	40.2	781	2.23	35.1							
4.00	25.0	857	2.05	41.3			9.00	43.0	731	2.24	31.7							
4.10	21.8	714	2.07	39.5			9.10	45.7	706	2.18	30.8							
4.20	22.4	756	2.06	42.8			9.20	48.1	798	2.12	28.5							
4.30	22.0	840	2.09	44.8			9.30	49.8	882	2.07	31.9							
4.40	23.5	714	2.12	41.0			9.40	41.5	932	2.04	39.0							
4.50	27.5	756	2.13	39.7			9.50	28.8	983	2.08	40.3							
4.60	31.7	865	2.12	35.7			9.60	21.2	991	2.15	38.6							
4.70	30.2	848	2.15	39.7			9.70	15.8	1159	2.18	37.5							
4.80	28.7	613	2.16	38.2			9.80	24.2	958	2.19	32.0							
4.90	30.4	638	2.15	40.0			9.90	33.6	798	2.21	32.7							
revision : 10-May-2005 – AxT																		

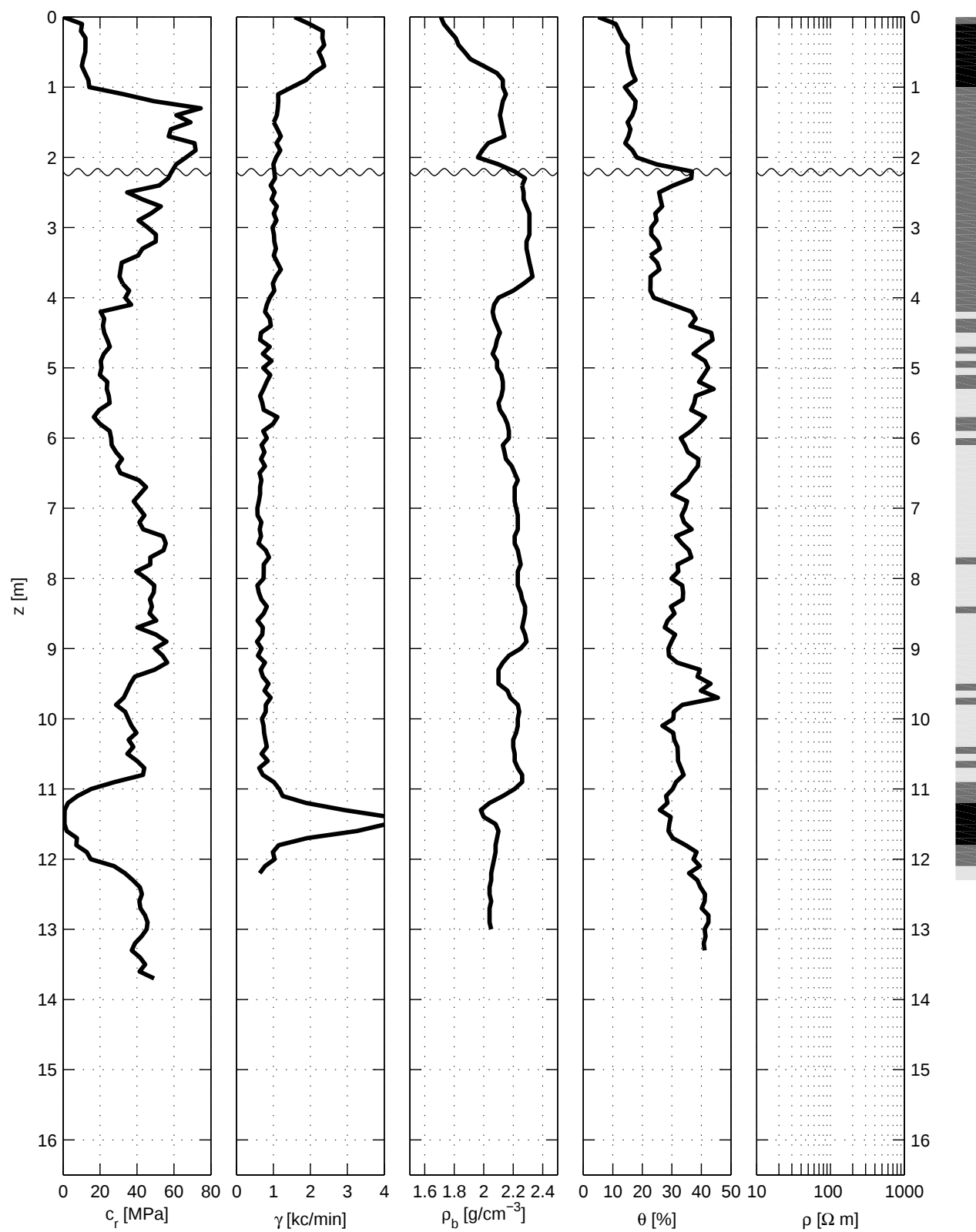


108		date: 21.08.2003		local coordinates : x=26.61m, y=106.42m, h=98.26m				water table z_w : 2.23m depth $z_{\max}$: 12.60m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1537	1.74	6.4		5.00	29.3	756	2.15	36.8		10.00	37.1	983	2.21	32.2	
0.10	6.0	2050	1.77	13.2		5.10	31.0	571	2.15	33.8		10.10	24.0	664	2.20	29.0	
0.20	10.4	2377	1.82	13.6		5.20	29.3	647	2.17	40.6		10.20	32.5	899	2.21	28.9	
0.30	13.4	2352	1.85	15.4		5.30	30.4	756	2.17	36.6		10.30	32.9	697	2.22	30.4	
0.40	10.4	2134	1.86	16.8		5.40	31.1	882	2.14	35.1		10.40	45.5	748	2.27	28.9	
0.50	8.4	2495	1.88	19.9		5.50	23.8	823	2.14	34.7		10.50	64.2	739	2.29	29.9	
0.60	7.3	2470	1.94	18.8		5.60	20.0	840	2.15	33.1		10.60	31.8	932	2.24	28.0	
0.70	7.1	2117	2.04	19.4		5.70	18.1	974	2.15	33.4		10.70	20.0	1210	2.17	24.2	
0.80	8.8	2478	2.13	17.2		5.80	21.7	882	2.14	35.0		10.80	28.2	857	2.09	24.7	
0.90	14.0	1856	2.15	18.7		5.90	18.1	890	2.13	32.9		10.90	24.6	820	2.09	30.1	
1.00	35.3	1386	2.13	16.9		6.00	17.0	916	2.14	33.1		11.00	13.0	972	2.09	33.3	
1.10	64.0	1151	2.12	15.2		6.10	25.1	748	2.18	33.6		11.10	9.5	1215	2.11	35.9	
1.20	64.0	1092	2.07	15.8		6.20	24.6	596	2.18	34.5		11.20	15.7	1185	2.09	29.8	
1.30	55.7	1184	2.03	14.9		6.30	34.8	815	2.21	35.8		11.30	5.9	1853	2.02	32.3	
1.40	46.0	1252	2.08	16.5		6.40	44.4	689	2.22	33.2		11.40	2.0	2400	1.98	31.5	
1.50	27.5	1260	2.12	12.1		6.50	40.3	638	2.22	32.2		11.50	1.3	3281	1.98	27.2	
1.60	34.6	1344	2.15	17.2		6.60	39.0	622	2.22	30.8		11.60	1.6	2825	2.01	26.1	
1.70	49.4	1193	2.13	15.7		6.70	40.8	588	2.22	32.7		11.70	1.1	2460	2.04	25.5	
1.80	60.0	1193	2.00	15.1		6.80	44.3	588	2.21	33.2		11.80	2.2	2521	2.03	26.9	
1.90	65.3	1033	1.95	13.8		6.90	43.3	613	2.19	32.6		11.90	24.1	1154	2.05	28.5	
2.00	59.8	1050	1.95	14.2		7.00	34.8	630	2.20	33.1		12.00	26.4	941		27.9	
2.10	50.8	1058	2.16	21.5		7.10	34.2	546	2.21	34.5		12.10	28.4	729		33.6	
2.20	49.4	1042	2.25	33.0		7.20	39.5	538	2.26	35.2		12.20	36.8	699		36.7	
2.30	41.3	1268	2.25	27.0		7.30	42.4	588	2.24	29.7		12.30	43.7				
2.40	55.3	949	2.24	25.1		7.40	50.3	596	2.19	31.7		12.40	47.9				
2.50	51.0	848	2.28	27.6		7.50	52.9	798	2.17	32.7		12.50	49.0				
2.60	64.9	899	2.28	28.0		7.60	50.3	664	2.16	33.0		12.60	47.2				
2.70	44.2	916	2.31	27.0		7.70	43.7	689	2.16	38.1							
2.80	50.3	899	2.32	26.7		7.80	42.8	613	2.14	33.6							
2.90	55.6	1184	2.32	26.7		7.90	35.4	748	2.13	33.4							
3.00	65.6	890	2.34	24.0		8.00	30.1	899	2.16	32.6							
3.10	62.5	1142	2.32	23.1		8.10	27.0	1025	2.20	35.2							
3.20	56.0	1075	2.32	24.2		8.20	26.5	840	2.23	36.7							
3.30	48.7	1000	2.32	21.8		8.30	38.9	890	2.25	31.6							
3.40	51.1	781	2.34	22.7		8.40	47.3	563	2.27	30.6							
3.50	51.3	1042	2.36	23.1		8.50	46.3	596	2.27	28.4							
3.60	51.5	1067	2.35	21.7		8.60	41.3	638	2.26	28.0							
3.70	51.7	1008	2.33	21.4		8.70	41.3	521	2.27	30.0							
3.80	51.4	1176	2.33	22.1		8.80	47.6	638	2.24	27.6							
3.90	35.4	907	2.34	22.3		8.90	40.1	706	2.25	28.3							
4.00	42.2	991	2.22	21.1		9.00	36.2	554	2.22	29.5							
4.10	43.1	1084	2.11	20.7		9.10	41.0	697	2.17	28.4							
4.20	40.9	773	2.06	26.5		9.20	39.2	689	2.16	27.8							
4.30	24.0	865	2.09	38.1		9.30	20.5	916	2.17	32.1							
4.40	25.8	823	2.09	40.9		9.40	27.6	1126	2.21	33.5							
4.50	27.7	882	2.13	39.0		9.50	36.6	714	2.24	29.2							
4.60	26.9	756	2.14	40.1		9.60	34.2	773	2.23	30.2							
4.70	28.9	714	2.15	36.1		9.70	38.9	697	2.23	29.7							
4.80	30.6	697	2.15	35.7		9.80	39.7	798	2.23	29.3							
4.90	31.1	638	2.15	35.3		9.90	37.3	680	2.21	29.3							
revision : 10-May-2005 – Ax																	

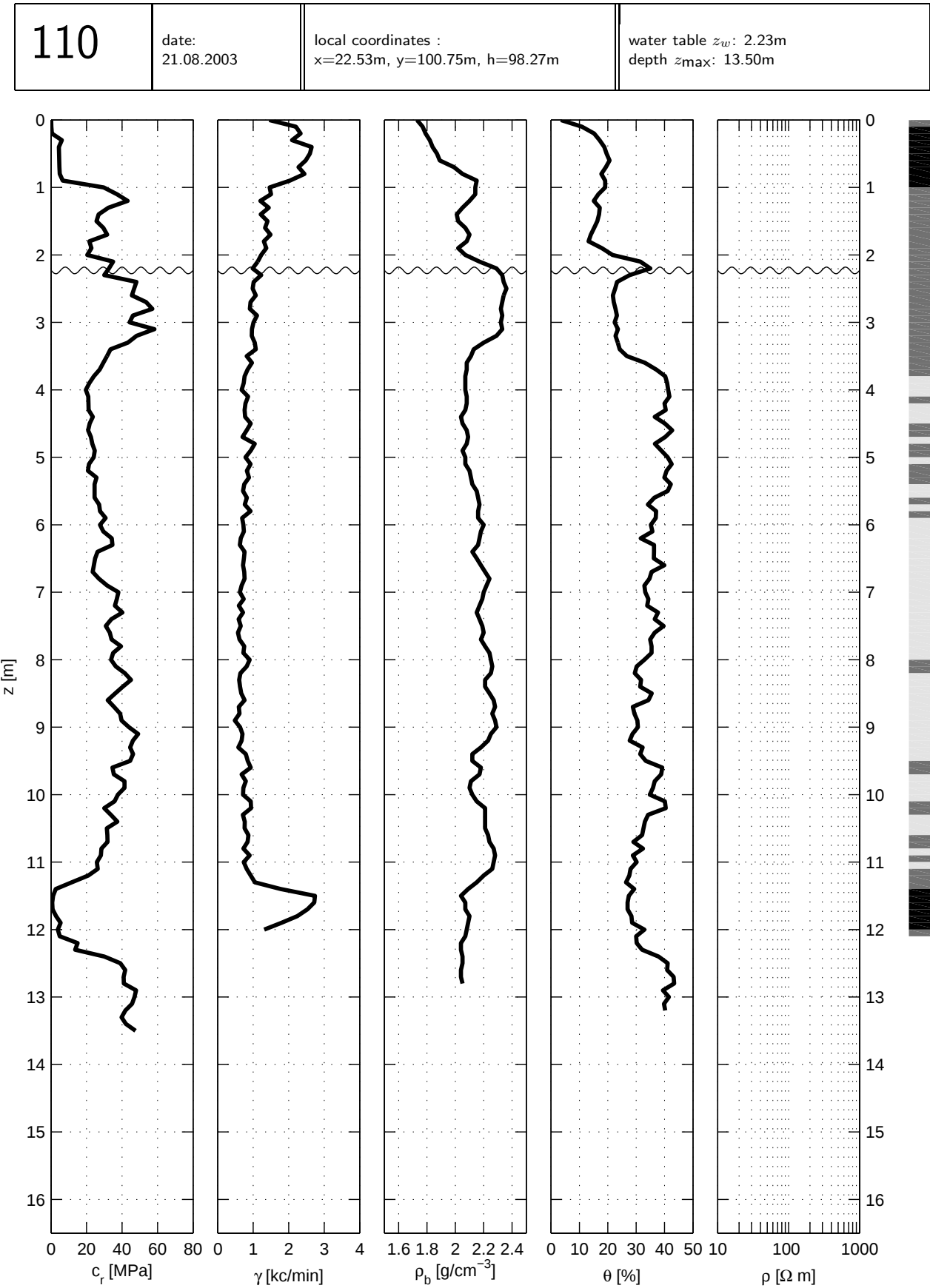


109	date: 21.08.2003					local coordinates : x=21.74m, y=106.35m, h=98.24m					water table z_w : 2.21m depth $z_{\max}$: 13.70m							
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			1571	1.71	5.1		5.00	20.8	722	2.09	42.3		10.00	35.3	689	2.23	30.5	
0.10	10.2	1974	1.73	11.0			5.10	19.9	916	2.12	40.8		10.10	37.0	731	2.23	26.8	
0.20	9.6	2335	1.77	12.1			5.20	23.9	815	2.13	39.2		10.20	39.7	748	2.22	30.5	
0.30	12.1	2327	1.81	13.2			5.30	23.6	731	2.13	44.2		10.30	35.5	781	2.20	30.8	
0.40	12.1	2377	1.83	15.1			5.40	24.7	638	2.12	38.1		10.40	38.0	823	2.20	31.9	
0.50	12.0	2226	1.87	15.0			5.50	25.2	697	2.10	37.6		10.50	34.8	680	2.21	32.0	
0.60	10.9	2318	1.91	15.5			5.60	19.6	739	2.11	36.5		10.60	40.0	848	2.21	32.1	
0.70	10.1	2377	2.00	16.0			5.70	16.6	1109	2.14	41.2		10.70	43.9	613	2.23	33.1	
0.80	11.9	2083	2.09	16.7			5.80	20.0	991	2.16	39.1		10.80	43.3	714	2.26	34.0	
0.90	13.7	1882	2.13	17.7			5.90	25.2	722	2.17	36.5		10.90	28.0	1008	2.26	31.4	
1.00	14.2	1504	2.13	14.1			6.00	26.0	823	2.17	33.0		11.00	15.2	1159	2.21	30.3	
1.10	32.8	1126	2.15	15.9			6.10	26.3	680	2.13	34.4		11.10	7.7	1252	2.13	28.0	
1.20	49.1	1134	2.13	17.7			6.20	28.7	756	2.14	35.4		11.20	2.6	1882	2.04	28.5	
1.30	74.5	1117	2.12	17.5			6.30	31.9	664	2.15	39.0		11.30		2915	1.98	25.9	
1.40	61.3	1092	2.11	16.6			6.40	29.2	773	2.19	38.8		11.40		4150	2.00	29.6	
1.50	69.0	1008	2.12	15.0			6.50	31.0	622	2.21	36.9		11.50		4074	2.08	29.1	
1.60	58.3	1109	2.13	16.0			6.60	41.0	672	2.23	35.4		11.60	1.9	3268	2.10	28.8	
1.70	57.2	1201	2.14	15.3			6.70	44.9	638	2.21	32.6		11.70	7.4	1915	2.09	30.3	
1.80	71.2	1084	2.03	14.2			6.80	41.6	638	2.21	30.2		11.80	7.2	1142	2.08	34.7	
1.90	71.8	1184	1.99	16.7			6.90	38.2	605	2.21	35.2		11.90	12.8	983	2.08	38.4	
2.00	66.5	1075	1.96	18.1			7.00	41.1	563	2.22	34.5		12.00	14.9	1033	2.07	37.3	
2.10	61.2	1000	2.10	24.9			7.10	44.0	571	2.23	33.3		12.10	27.6	773	2.06	39.5	
2.20	58.8	1025	2.21	36.8			7.20	41.3	672	2.23	34.1		12.20	33.5	630	2.05	35.8	
2.30	56.9	1042	2.28	36.6			7.30	43.4	630	2.23	36.7		12.30	37.7		2.05	38.6	
2.40	52.0	924	2.26	30.5			7.40	54.1	664	2.21	31.4		12.40	41.6		2.04	39.7	
2.50	34.7	1033	2.27	25.7			7.50	55.6	596	2.21	33.4		12.50	42.7		2.04	41.2	
2.60	43.1	949	2.27	26.2			7.60	54.4	790	2.23	35.8		12.60	41.3		2.05	41.1	
2.70	52.9	1092	2.29	26.7			7.70	47.2	882	2.24	36.6		12.70	41.9		2.04	40.1	
2.80	47.5	1008	2.31	24.4			7.80	47.2	739	2.25	31.9		12.80	44.3		2.04	42.4	
2.90	40.8	1084	2.31	24.8			7.90	39.6	739	2.23	32.2		12.90	45.7		2.04	42.4	
3.00	45.8	974	2.31	23.0			8.00	45.1	731	2.23	29.9		13.00	45.2		2.05	41.1	
3.10	50.3	1016	2.31	23.0			8.10	49.4	563	2.23	33.5		13.10	42.5			41.4	
3.20	50.2	1025	2.29	25.1			8.20	49.1	605	2.25	33.8		13.20	38.9			40.8	
3.30	43.0	1067	2.29	26.0			8.30	47.0	672	2.26	33.7		13.30	37.1			41.1	
3.40	40.6	1008	2.30	22.7			8.40	48.1	823	2.28	29.7		13.40	41.6				
3.50	31.7	1109	2.31	25.0			8.50	46.8	739	2.28	30.9		13.50	44.4				
3.60	31.1	1201	2.32	25.8			8.60	50.5	571	2.27	28.6		13.60	41.4				
3.70	30.5	1067	2.33	22.8			8.70	40.2	714	2.26	27.6		13.70	49.3				
3.80	32.2	983	2.27	22.8			8.80	50.3	697	2.28	31.1							
3.90	35.8	1025	2.20	22.7			8.90	56.0	554	2.29	29.9							
4.00	33.7	899	2.10	23.9			9.00	49.7	680	2.25	28.8							
4.10	36.8	823	2.07	30.2			9.10	53.9	580	2.17	29.0							
4.20	20.3	773	2.06	36.7			9.20	56.4	773	2.13	31.8							
4.30	22.2	899	2.07	38.1			9.30	49.6	655	2.10	39.5							
4.40	21.6	932	2.09	36.2			9.40	38.8	714	2.10	38.7							
4.50	22.2	664	2.11	43.3			9.50	36.4	865	2.10	43.1							
4.60	23.9	638	2.09	43.8			9.60	34.7	756	2.16	39.8							
4.70	25.3	899	2.08	40.3			9.70	32.8	924	2.18	45.6							
4.80	22.0	714	2.06	37.3			9.80	28.7	790	2.23	33.6							
4.90	20.4	949	2.09	41.2			9.90	33.6	790	2.24	30.7							
revision : 10-May-2005 – AxT																		

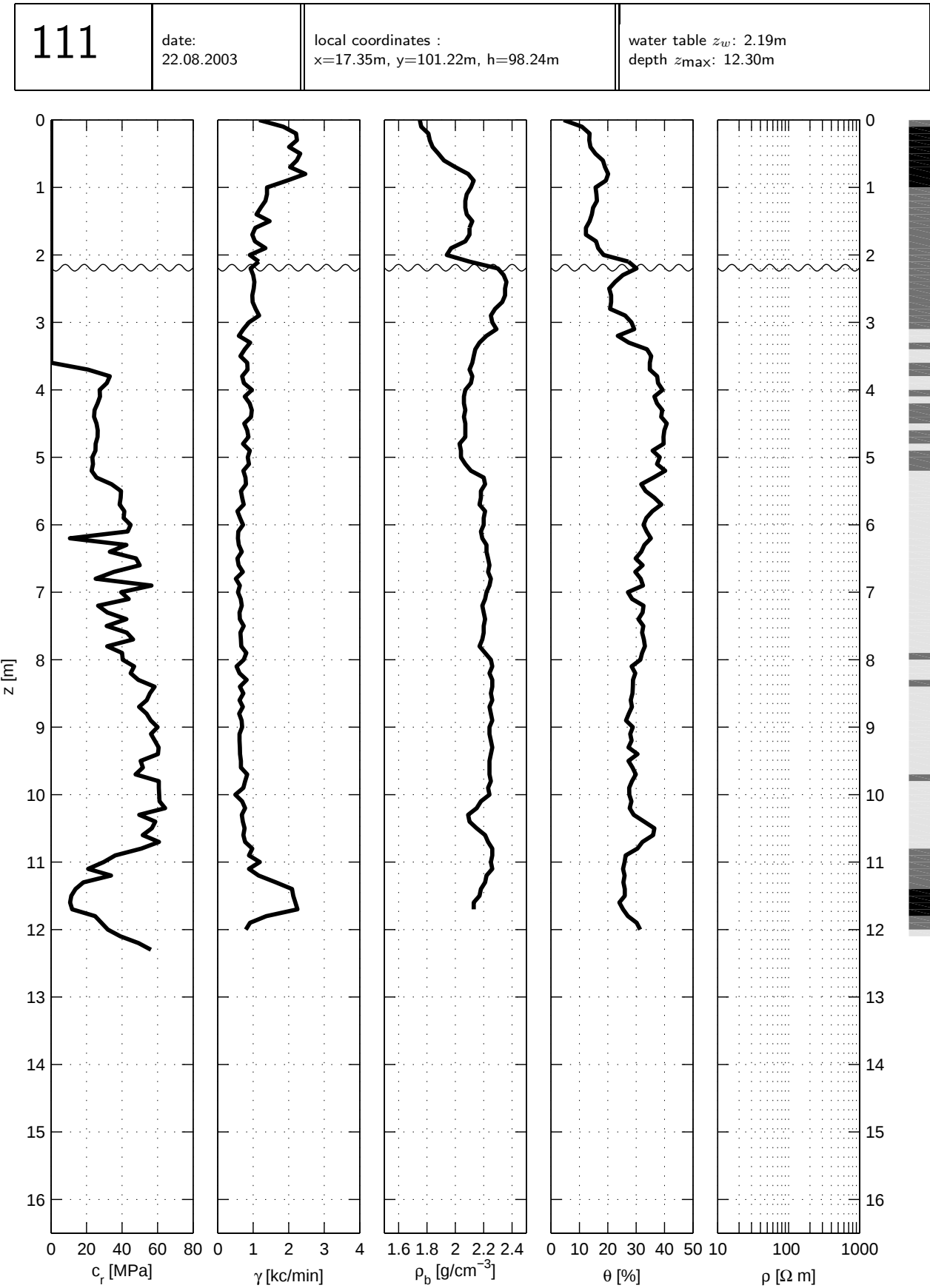
109	date: 21.08.2003	local coordinates : x=21.74m, y=106.35m, h=98.24m	water table z_w : 2.21m depth $z_{\max}$: 13.70m
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110		date: 21.08.2003		local coordinates : x=22.53m, y=100.75m, h=98.27m						water table z_w : 2.23m depth $z_{\max}$: 13.50m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1453	1.73	3.5		5.00	24.0	781	2.07	41.1		10.00	37.6	714	2.12	34.8	
0.10		2201	1.77	10.9		5.10	21.4	924	2.07	42.5		10.10	35.8	932	2.15	40.1	
0.20		2335	1.79	15.2		5.20	20.8	823	2.10	40.7		10.20	29.9	941	2.21	40.4	
0.30	6.1	2092	1.82	17.1		5.30	25.6	882	2.11	39.9		10.30	33.7	706	2.21	34.2	
0.40	4.4	2646	1.84	18.8		5.40	24.5	748	2.12	42.2		10.40	37.3	764	2.21	33.1	
0.50	4.5	2596	1.87	19.6		5.50	24.5	714	2.15	41.1		10.50	31.4	756	2.21	32.6	
0.60	4.6	2478	1.89	20.6		5.60	24.5	823	2.16	36.4		10.60	31.7	865	2.23	32.1	
0.70	4.7	2276	1.99	19.3		5.70	27.1	764	2.17	34.1		10.70	31.8	840	2.24	29.0	
0.80	4.9	2444	2.05	17.7		5.80	27.6	924	2.16	37.0		10.80	28.4	722	2.27	32.4	
0.90	6.6	2033	2.15	19.1		5.90	30.7	689	2.16	36.9		10.90	28.1	899	2.28	28.8	
1.00	29.6	1462	2.14	19.1		6.00	27.6	722	2.20	35.2		11.00	25.8	731	2.27	30.2	
1.10	37.1	1504	2.14	16.7		6.10	29.4	739	2.18	35.7		11.10	26.3	815	2.26	28.0	
1.20	43.2	1201	2.10	15.1		6.20	34.2	647	2.17	31.6		11.20	21.0	932	2.20	27.6	
1.30	32.3	1436	2.05	17.2		6.30	34.6	622	2.16	36.3		11.30	11.6	1050	2.15	26.4	
1.40	26.8	1210	2.01	16.9		6.40	26.2	756	2.12	36.3		11.40	2.6	1772	2.09	29.3	
1.50	25.6	1403	2.02	16.3		6.50	24.8	739	2.15	36.2		11.50	1.1	2738	2.04	27.4	
1.60	29.4	1336	2.07	15.2		6.60	24.1	714	2.18	39.9		11.60		2722	2.07	27.0	
1.70	31.6	1487	2.10	14.0		6.70	23.4	748	2.21	35.4		11.70		2528	2.07	27.0	
1.80	21.6	1302	2.08	13.2		6.80	27.0	756	2.24	34.7		11.80	2.8	2243	2.10	28.3	
1.90	22.7	1369	2.02	17.9		6.90	31.6	672	2.22	32.9		11.90	5.4	1798	2.09	28.6	
2.00	20.4	1226	2.07	21.7		7.00	37.9	622	2.20	33.2		12.00	3.8	1310	2.08	32.9	
2.10	35.0	1126	2.17	31.5		7.10	37.0	731	2.19	34.3		12.10	4.9		2.07	30.0	
2.20	32.6	983	2.29	35.0		7.20	36.0	596	2.17	33.9		12.20	14.9		2.04	30.2	
2.30	29.9	1226	2.33	27.7		7.30	40.2	714	2.15	37.7		12.30	13.6		2.04	32.1	
2.40	48.1	1016	2.34	23.3		7.40	34.0	588	2.17	36.5		12.40	30.0		2.05	37.9	
2.50	46.8	983	2.36	22.6		7.50	30.8	647	2.19	39.7		12.50	39.0		2.05	41.1	
2.60	45.5	1075	2.34	21.8		7.60	33.1	571	2.20	36.5		12.60	41.8		2.04	40.9	
2.70	53.5	924	2.33	22.1		7.70	34.1	613	2.18	34.9		12.70	40.9		2.04	43.2	
2.80	57.1	907	2.32	22.7		7.80	39.4	748	2.21	35.4		12.80	41.0		2.05	43.4	
2.90	46.1	1109	2.33	23.2		7.90	35.0	722	2.24	35.4		12.90	47.9			39.4	
3.00	44.2	1008	2.32	22.4		8.00	33.8	899	2.25	32.9		13.00	47.0			41.5	
3.10	58.2	966	2.33	23.6		8.10	36.4	815	2.26	30.2		13.10	45.6			39.8	
3.20	48.2	958	2.29	22.7		8.20	41.6	638	2.25	29.5		13.20	41.9			40.2	
3.30	43.3	1042	2.20	23.5		8.30	45.0	605	2.21	31.7		13.30	39.7				
3.40	33.5	1075	2.13	24.2		8.40	40.4	630	2.21	31.4		13.40	42.2				
3.50	31.5	815	2.11	26.7		8.50	36.2	664	2.24	35.5		13.50	47.6				
3.60	29.4	966	2.08	33.1		8.60	31.9	756	2.27	34.3							
3.70	27.4	840	2.08	37.1		8.70	35.5	596	2.28	28.8							
3.80	24.1	756	2.07	40.2		8.80	38.9	613	2.26	29.4							
3.90	21.6	731	2.07	40.9		8.90	39.7	479	2.28	30.4							
4.00	19.6	672	2.07	41.3		9.00	43.8	630	2.29	30.6							
4.10	21.0	857	2.08	41.7		9.10	49.1	697	2.25	28.7							
4.20	21.1	781	2.08	40.0		9.20	46.1	672	2.23	27.7							
4.30	21.2	756	2.07	40.4		9.30	44.5	580	2.18	32.3							
4.40	23.5	773	2.04	36.5		9.40	46.2	790	2.12	31.4							
4.50	21.8	932	2.05	40.1		9.50	44.5	848	2.12	33.4							
4.60	20.9	815	2.08	42.7		9.60	34.6	932	2.18	39.2							
4.70	22.4	697	2.09	40.2		9.70	35.4	672	2.17	38.8							
4.80	23.2	1042	2.08	36.6		9.80	41.4	790	2.11	36.5							
4.90	24.6	932	2.05	38.9		9.90	41.4	722	2.10	35.9							
revision : 10-May-2005 – Ax7																	

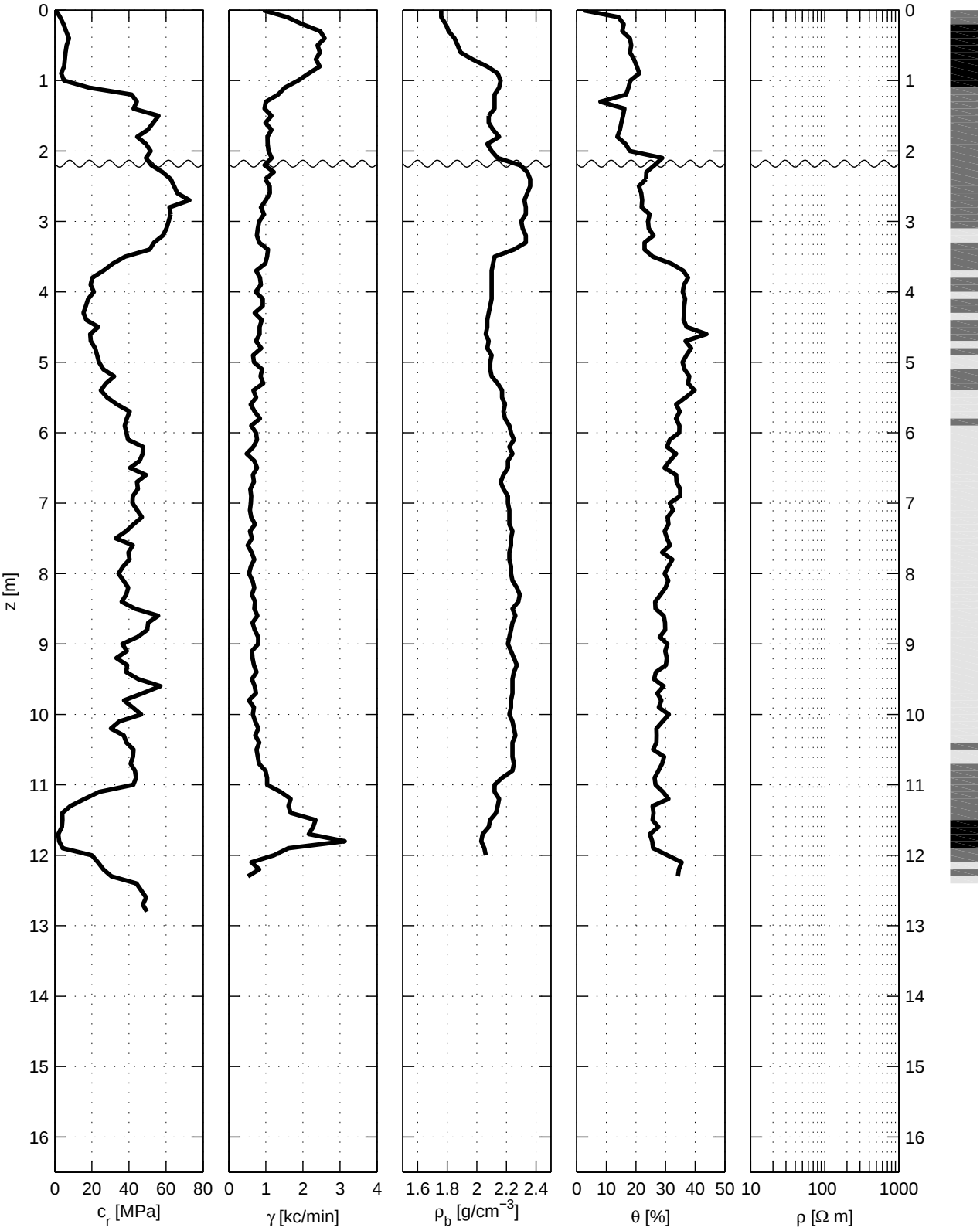


111		date: 22.08.2003		local coordinates : x=17.35m, y=101.22m, h=98.24m				water table z_w : 2.19m depth $z_{\max}$: 12.30m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1168	1.75	4.5		5.00	23.2	848	2.04	38.3		10.00	60.9	496	2.24	27.6	
0.10		1848	1.76	10.9		5.10	23.6	882	2.07	37.3		10.10	61.1	689	2.18	28.3	
0.20		2209	1.81	13.6		5.20	22.8	722	2.11	40.2		10.20	64.3	773	2.15	27.7	
0.30		2234	1.82	13.5		5.30	25.6	781	2.20	36.1		10.30	49.7	680	2.09	29.1	
0.40		2008	1.84	13.9		5.40	34.1	798	2.21	31.8		10.40	58.7	706	2.10	32.8	
0.50		2327	1.88	15.6		5.50	39.4	655	2.18	33.3		10.50	56.8	756	2.15	36.4	
0.60		2226	1.92	18.3		5.60	39.2	689	2.18	36.4		10.60	51.6	722	2.21	36.0	
0.70		2041	2.00	19.0		5.70	38.6	731	2.17	38.9		10.70	60.8	773	2.23	32.2	
0.80		2470	2.09	20.1		5.80	41.3	554	2.21	35.7		10.80	50.9	972	2.26	30.4	
0.90		1957	2.13	19.3		5.90	40.9	630	2.20	33.6		10.90	36.2	881	2.26	26.3	
1.00		1386	2.11	15.7		6.00	44.8	714	2.20	32.6		11.00	29.6	1185	2.25	25.9	
1.10		1386	2.08	16.0		6.10	43.2	580	2.18	33.7		11.10	20.9	881	2.26	25.4	
1.20		1344	2.07	16.2		6.20	10.6	571	2.19	35.2		11.20	33.8	1154	2.22	25.9	
1.30		1210	2.07	14.8		6.30	42.5	596	2.22	32.9		11.30	18.2	1641	2.21	25.5	
1.40		1092	2.08	14.4		6.40	33.1	680	2.22	31.8		11.40	13.8	2096	2.18	26.0	
1.50		1462	2.12	13.6		6.50	47.9	554	2.23	29.8		11.50	11.4	2127	2.17	26.0	
1.60		1058	2.10	12.3		6.60	50.0	588	2.24	32.3		11.60	10.7	2187	2.13	24.1	
1.70		974	2.10	12.3		6.70	35.4	706	2.23	29.7		11.70	11.9	2248	2.13	25.4	
1.80		1050	2.07	15.9		6.80	25.1	512	2.25	31.6		11.80	24.8	1367		27.1	
1.90		1344	1.97	16.6		6.90	56.6	622	2.24	32.4		11.90	28.4	911		30.2	
2.00		907	1.94	18.5		7.00	39.5	571	2.22	27.1		12.00	32.0	790		31.4	
2.10		1159	2.10	27.3		7.10	43.7	647	2.21	28.6		12.10	39.0				
2.20		924	2.30	30.1		7.20	26.5	680	2.19	32.6		12.20	49.3				
2.30		1000	2.34	25.3		7.30	31.7	613	2.20	32.3		12.30	56.3				
2.40		1033	2.36	22.6		7.40	42.5	622	2.21	30.8							
2.50		1016	2.35	20.5		7.50	31.3	731	2.20	32.5							
2.60		974	2.35	21.2		7.60	42.7	638	2.20	32.1							
2.70		983	2.33	21.2		7.70	46.2	655	2.19	32.7							
2.80		1067	2.28	20.8		7.80	31.6	664	2.17	33.1							
2.90		1168	2.25	26.1		7.90	40.0	806	2.21	32.1							
3.00		882	2.26	28.3		8.00	40.4	731	2.25	31.5							
3.10		722	2.29	29.3		8.10	46.8	529	2.26	28.4							
3.20		596	2.22	23.5		8.20	44.8	613	2.24	29.7							
3.30		916	2.17	27.4		8.30	49.2	815	2.26	28.9							
3.40		764	2.14	33.8		8.40	58.3	622	2.26	28.8							
3.50		638	2.13	35.3		8.50	55.7	722	2.25	28.7							
3.60		832	2.12	34.8		8.60	53.9	613	2.26	28.1							
3.70	20.8	840	2.10	34.8		8.70	49.6	706	2.24	28.5							
3.80	33.1	689	2.12	37.4		8.80	53.8	605	2.25	27.4							
3.90	31.4	739	2.11	37.7		8.90	56.2	672	2.26	26.4							
4.00	27.4	966	2.07	39.3		9.00	60.0	689	2.24	28.8							
4.10	27.6	764	2.06	36.4		9.10	56.3	613	2.24	27.9							
4.20	26.2	899	2.06	37.3		9.20	58.4	613	2.25	28.4							
4.30	24.5	958	2.07	39.2		9.30	60.6	622	2.26	27.3							
4.40	24.2	941	2.06	38.8		9.40	60.2	630	2.25	30.5							
4.50	25.6	748	2.07	40.8		9.50	50.5	655	2.24	27.3							
4.60	26.3	832	2.07	39.9		9.60	51.7	655	2.24	28.7							
4.70	26.2	865	2.07	39.6		9.70	47.6	832	2.24	29.9							
4.80	25.1	714	2.03	39.7		9.80	60.7	773	2.25	28.5							
4.90	25.0	907	2.04	35.8		9.90	60.7	722	2.23	27.5							
revision : 10-May-2005 – Ax'6																	

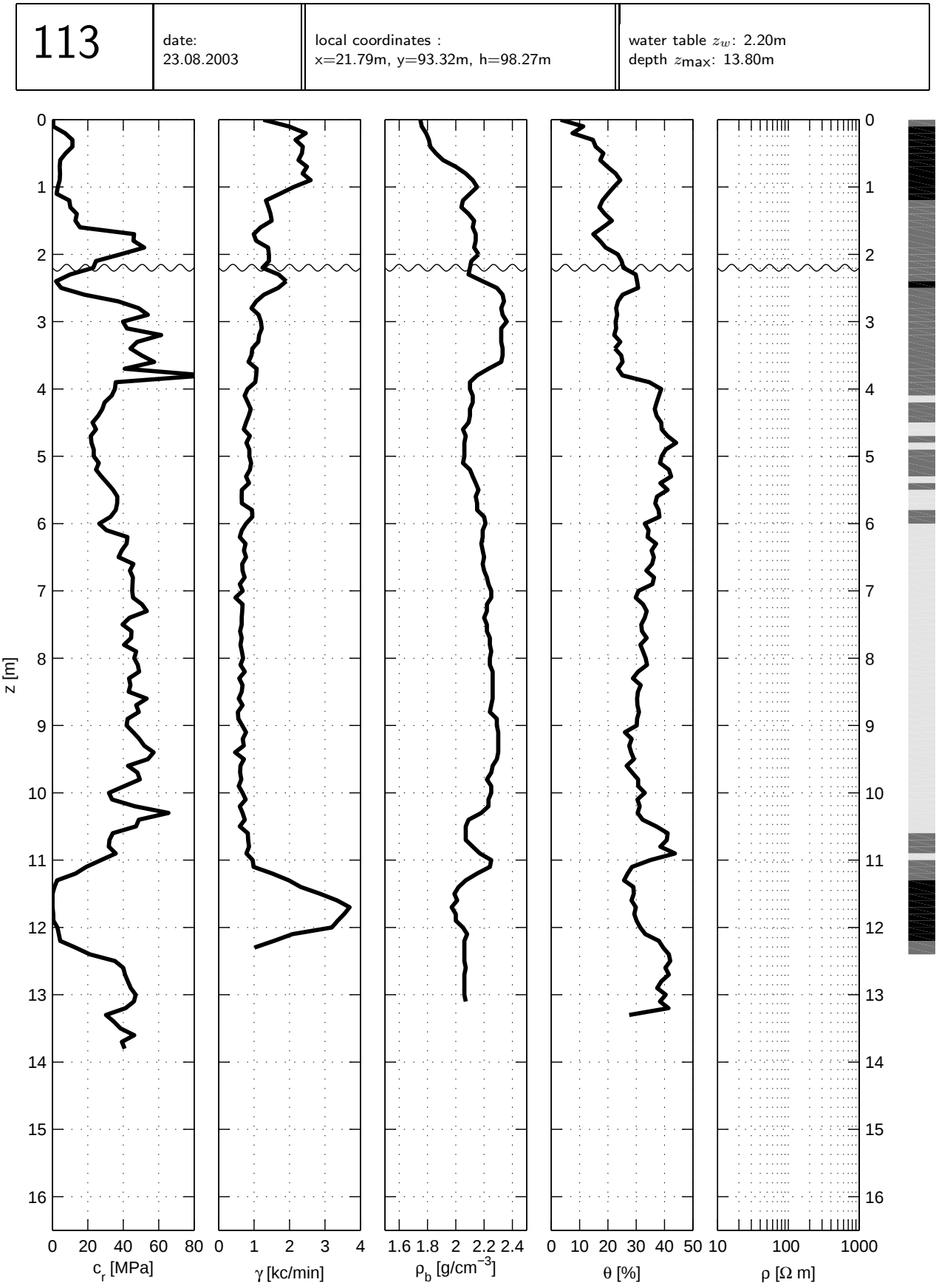


112		date: 23.08.2003		local coordinates : x=16.94m, y=93.47m, h=98.24m						water table z_w : 2.18m depth $z_{\max}$: 12.80m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		924	1.76	2.1		5.00	23.8	680	2.09	35.7		10.00	46.6	647	2.22	31.1	
0.10	2.8	1571	1.76	14.1		5.10	26.2	899	2.09	36.4		10.10	34.8	714	2.24	29.0	
0.20	4.7	1991	1.79	15.9		5.20	32.0	857	2.10	38.0		10.20	30.2	798	2.25	26.9	
0.30	6.1	2470	1.81	15.4		5.30	27.6	932	2.14	37.6		10.30	37.2	714	2.26	27.0	
0.40	7.6	2587	1.85	18.0		5.40	24.8	664	2.17	39.8		10.40	38.6	823	2.24	26.9	
0.50	6.4	2394	1.87	18.4		5.50	28.3	739	2.17	36.7		10.50	42.5	748	2.24	25.8	
0.60	5.8	2461	1.89	18.0		5.60	33.6	588	2.19	33.6		10.60	42.2	781	2.24	29.5	
0.70	5.4	2352	1.97	19.3		5.70	40.4	697	2.18	34.8		10.70	40.9	815	2.25	28.8	
0.80	5.0	2453	2.07	20.3		5.80	38.8	840	2.19	33.5		10.80	43.3	991	2.24	27.6	
0.90	3.4	2159	2.14	21.1		5.90	37.7	605	2.22	34.7		10.90	43.8	1033	2.17	26.3	
1.00	5.0	1873	2.16	18.1		6.00	38.6	731	2.23	34.6		11.00	42.4	1033	2.12	26.6	
1.10	18.4	1512	2.15	17.5		6.10	39.5	764	2.25	31.4		11.10	23.9	1397	2.12	29.1	
1.20	41.5	1327	2.12	16.7		6.20	47.6	664	2.22	30.5		11.20	16.1	1671	2.15	31.0	
1.30	44.2	1000	2.12	8.0		6.30	47.4	479	2.24	33.6		11.30	8.4	1610	2.14	25.6	
1.40	42.5	966	2.12	16.1		6.40	45.7	689	2.21	31.4		11.40	4.0	1671	2.13	25.9	
1.50	56.0	1151	2.08	15.6		6.50	40.6	764	2.21	29.6		11.50	4.1	2339	2.09	25.6	
1.60	53.1	991	2.08	15.1		6.60	49.2	647	2.18	33.6		11.60	3.8	2278	2.08	27.6	
1.70	50.2	1151	2.11	14.6		6.70	44.3	680	2.16	33.7		11.70	1.8	2157	2.04	24.7	
1.80	44.4	1042	2.15	13.7		6.80	44.8	580	2.18	34.9		11.80	2.3	3129	2.03	25.5	
1.90	49.2	1050	2.07	16.5		6.90	42.1	605	2.21	34.9		11.90	4.2	1610	2.05	25.8	
2.00	51.7	1075	2.10	18.0		7.00	41.9	596	2.21	31.4		12.00	20.0	1215	2.06	30.7	
2.10	49.2	1159	2.14	28.9		7.10	44.4	571	2.22	32.5		12.10	23.2	608		35.4	
2.20	52.0	966	2.29	26.3		7.20	47.0	605	2.22	30.7		12.20	26.2	820		34.5	
2.30	58.1	1218	2.34	23.5		7.30	42.5	706	2.22	31.0		12.30	30.5	517		34.1	
2.40	62.6	983	2.36	23.4		7.40	38.4	571	2.24	29.7		12.40	44.0				
2.50	64.4	1100	2.36	21.0		7.50	32.9	622	2.23	30.5		12.50	46.6				
2.60	66.1	1109	2.34	21.8		7.60	42.1	512	2.23	31.5		12.60	49.3				
2.70	72.7	1000	2.32	22.1		7.70	39.7	613	2.22	28.8		12.70	47.5				
2.80	61.9	865	2.33	21.9		7.80	40.3	689	2.22	32.3		12.80	49.7				
2.90	62.5	949	2.33	24.6		7.90	36.8	596	2.23	30.9							
3.00	61.4	823	2.30	24.1		8.00	34.4	546	2.23	29.7							
3.10	60.2	781	2.31	24.3		8.10	37.0	638	2.24	30.9							
3.20	58.3	756	2.33	25.9		8.20	39.6	689	2.27	30.0							
3.30	53.5	823	2.33	22.9		8.30	38.5	622	2.29	28.3							
3.40	51.1	1058	2.25	22.9		8.40	36.1	706	2.28	26.5							
3.50	37.9	1033	2.12	25.7		8.50	43.3	689	2.24	26.6							
3.60	31.3	983	2.11	31.9		8.60	55.8	773	2.26	29.4							
3.70	26.2	739	2.10	36.0		8.70	50.4	638	2.24	29.8							
3.80	20.3	840	2.10	37.6		8.80	49.9	697	2.23	29.9							
3.90	19.3	865	2.10	36.2		8.90	44.6	790	2.22	28.0							
4.00	21.1	722	2.10	35.8		9.00	36.4	790	2.21	30.6							
4.10	18.0	916	2.10	36.6		9.10	38.8	622	2.23	29.9							
4.20	16.7	916	2.09	36.3		9.20	33.2	638	2.25	30.4							
4.30	15.4	697	2.08	36.2		9.30	39.0	680	2.27	30.1							
4.40	17.0	890	2.07	36.1		9.40	38.5	748	2.25	26.7							
4.50	23.4	832	2.07	37.1		9.50	45.1	622	2.24	26.1							
4.60	19.1	832	2.06	43.8		9.60	57.0	697	2.24	29.3							
4.70	19.4	731	2.08	36.7		9.70	47.4	731	2.24	27.2							
4.80	21.8	874	2.07	38.6		9.80	37.3	538	2.23	28.6							
4.90	22.8	655	2.10	37.0		9.90	42.0	680	2.23	27.7							
revision : 10-May-2005 – AxT																	

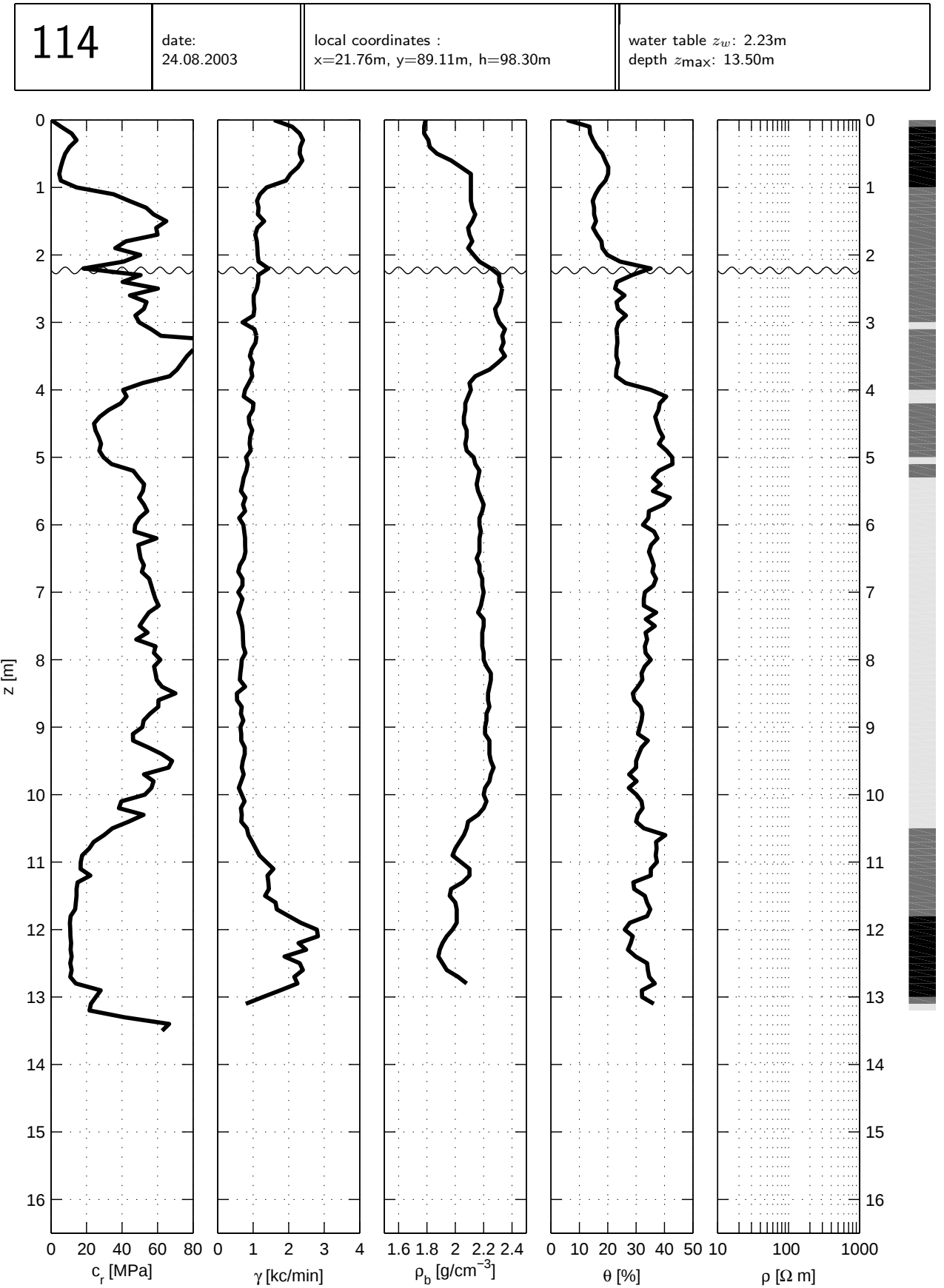
112	date: 23.08.2003	local coordinates : x=16.94m, y=93.47m, h=98.24m	water table z_w : 2.18m depth $z_{\max}$: 12.80m
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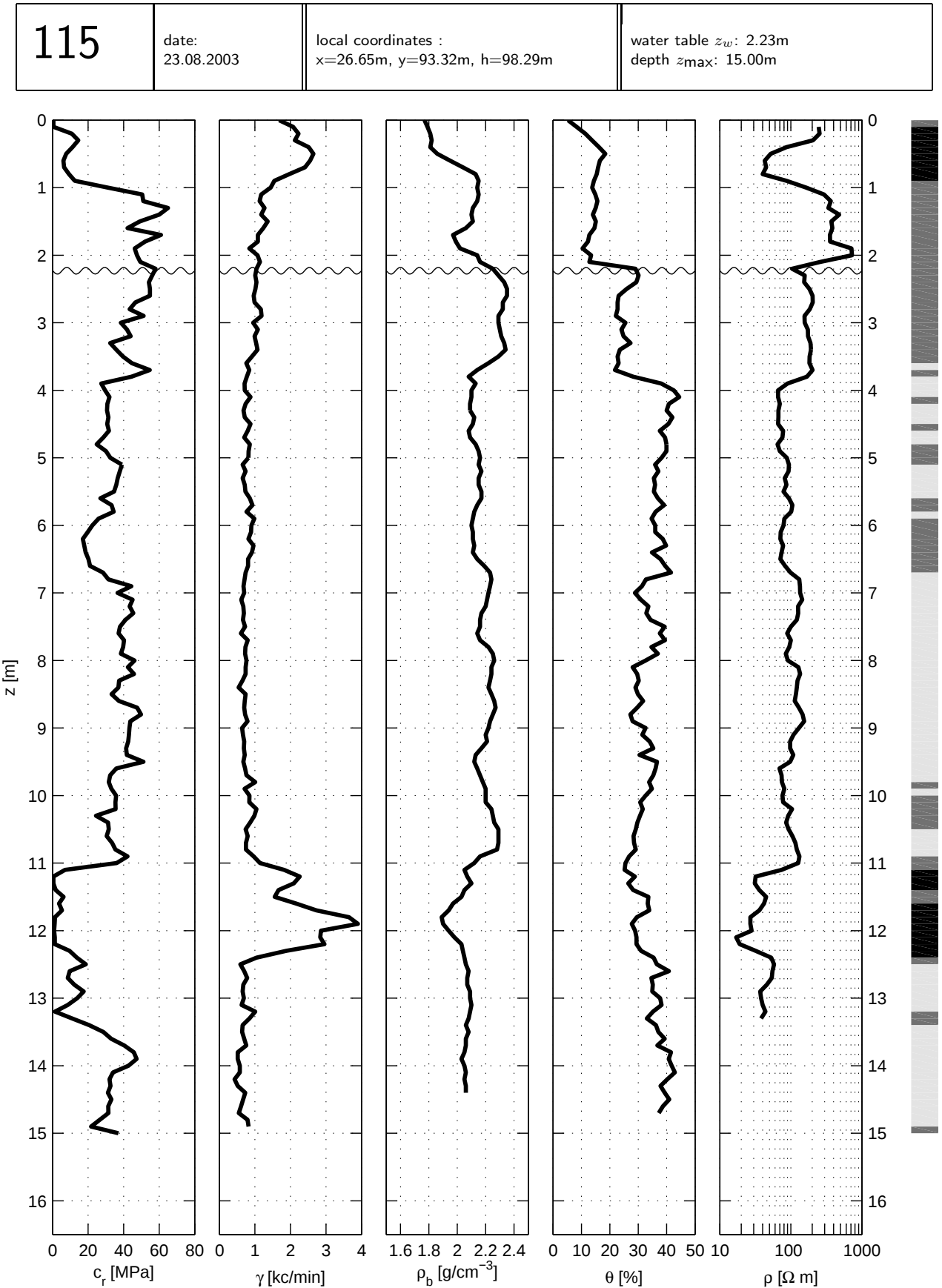
113		date: 23.08.2003		local coordinates : x=21.79m, y=93.32m, h=98.27m						water table z_w : 2.20m depth z_{max} : 13.80m									
z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm							z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			1260	1.75	3.3		5.00 23.3 865 2.06 39.0						10.00 31.9 672 2.25 33.0						
0.10			1982	1.76	11.3		5.10 26.2 916 2.05 38.4						10.10 33.7 764 2.23 30.4						
0.20		7.2	2461	1.79	7.5		5.20 24.6 882 2.10 41.5						10.20 46.6 596 2.23 31.2						
0.30		11.3	2167	1.81	14.7		5.30 27.7 773 2.12 42.3						10.30 65.5 672 2.18 30.5						
0.40		11.3	2377	1.82	15.7		5.40 31.0 857 2.14 38.5						10.40 48.8 739 2.09 32.3						
0.50		7.4	2352	1.86	18.4		5.50 34.3 655 2.16 41.1						10.50 47.2 596 2.07 37.1						
0.60		4.4	2251	1.91	17.3		5.60 36.6 647 2.14 37.3						10.60 34.1 823 2.07 41.1						
0.70		4.1	2495	2.00	19.8		5.70 36.5 655 2.15 36.7						10.70 32.2 832 2.07 40.8						
0.80		4.3	2369	2.07	22.7		5.80 35.8 941 2.15 37.9						10.80 31.8 857 2.12 38.5						
0.90		4.1	2596	2.12	24.4		5.90 32.8 949 2.20 38.2						10.90 35.8 781 2.17 43.7						
1.00		3.0	2117	2.15	22.1		6.00 26.4 773 2.21 33.0						11.00 27.5 958 2.25 35.0						
1.10		2.3	1722	2.10	20.0		6.10 30.5 655 2.19 34.4						11.10 19.1 983 2.24 28.5						
1.20		9.5	1336	2.05	18.1		6.20 42.4 596 2.19 34.0						11.20 13.1 1512 2.15 27.0						
1.30		10.1	1403	2.04	17.0		6.30 41.9 756 2.18 37.0						11.30 2.6 1982 2.07 25.7						
1.40		13.8	1462	2.09	18.9		6.40 39.1 714 2.19 35.4						11.40 1.1 2318 2.02 29.0						
1.50		13.0	1495	2.13	21.4		6.50 37.3 773 2.20 36.2						11.50 2864 1.99 29.1						
1.60		15.5	1184	2.12	18.2		6.60 45.7 664 2.19 35.6						11.60 3343 2.01 28.3						
1.70		46.1	991	2.14	14.8		6.70 43.7 672 2.20 33.6						11.70 3696 1.97 29.9						
1.80		45.7	1058	2.14	17.2		6.80 45.4 731 2.22 36.3						11.80 3545 2.00 29.3						
1.90		51.8	1394	2.13	19.2		6.90 45.2 596 2.23 35.7						11.90 3360 2.00 30.1						
2.00		38.3	1420	2.16	23.5		7.00 45.0 680 2.25 30.8						12.00 2.8 3192 2.05 31.4						
2.10		24.6	1420	2.11	24.8		7.10 45.5 470 2.25 29.8						12.10 3.6 2083 2.08 33.2						
2.20		23.0	1235	2.10	25.5		7.20 50.6 672 2.22 32.4						12.20 4.4 1554 2.06 38.0						
2.30		10.0	1688	2.09	29.8		7.30 53.3 664 2.22 33.7						12.30 13.0 1008 2.06 39.5						
2.40		2.0	1907	2.19	30.3		7.40 43.6 647 2.20 33.0						12.40 21.2 2.06 41.5						
2.50		4.9	1680	2.29	30.7		7.50 39.6 647 2.22 31.8						12.50 35.3 2.06 42.0						
2.60		18.1	1277	2.33	25.2		7.60 44.6 605 2.22 32.0						12.60 40.0 2.07 40.3						
2.70		37.1	1058	2.34	23.6		7.70 44.4 647 2.24 33.7						12.70 41.0 2.06 41.5						
2.80		48.7	924	2.32	22.9		7.80 40.4 613 2.24 31.5						12.80 42.6 2.06 38.9						
2.90		53.9	1126	2.33	23.3		7.90 47.3 655 2.25 32.4						12.90 44.2 2.06 37.4						
3.00		39.8	1193	2.36	22.7		8.00 46.2 689 2.24 33.3						13.00 47.0 2.06 40.4						
3.10		42.1	1218	2.32	22.9		8.10 48.2 613 2.24 33.8						13.10 46.0 2.07 38.4						
3.20		61.4	1142	2.32	22.2		8.20 49.0 739 2.26 30.7						13.20 41.3 41.4						
3.30		47.9	1117	2.32	24.4		8.30 43.3 580 2.26 28.8						13.30 30.2 27.5						
3.40		44.0	949	2.33	22.5		8.40 44.0 672 2.26 31.6						13.40 34.7						
3.50		50.3	924	2.33	24.7		8.50 43.1 647 2.26 30.6						13.50 38.4						
3.60		57.5	840	2.32	25.2		8.60 53.2 563 2.26 30.3						13.60 46.2						
3.70		40.8	1075	2.23	23.5		8.70 47.3 672 2.25 30.4						13.70 39.2						
3.80		86.6	1058	2.15	25.1		8.80 48.8 538 2.24 31.0						13.80 40.8						
3.90		35.8	1033	2.10	34.6		8.90 42.5 554 2.29 30.3												
4.00		35.3	815	2.10	38.8		9.00 41.9 664 2.29 30.2												
4.10		33.5	731	2.12	38.0		9.10 45.6 773 2.30 26.0												
4.20		29.4	823	2.12	37.2		9.20 49.1 680 2.30 28.4												
4.30		28.2	907	2.10	36.5		9.30 51.8 706 2.30 27.5												
4.40		25.8	848	2.10	37.2		9.40 57.2 462 2.30 28.2												
4.50		22.6	773	2.09	38.8		9.50 53.9 714 2.29 29.2												
4.60		24.6	706	2.05	39.0		9.60 42.7 613 2.26 26.6												
4.70		21.7	882	2.07	41.0		9.70 48.0 605 2.25 28.6												
4.80		22.0	781	2.06	44.1		9.80 49.4 638 2.22 30.7												
4.90		23.3	865	2.06	40.4		9.90 40.7 563 2.25 30.7												
revision : 10-May-2005 – AxT																			



114		date: 24.08.2003		local coordinates : x=21.76m, y=89.11m, h=98.30m						water table z_w : 2.23m depth z_{max} : 13.50m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1588	1.79	5.6		5.00	29.5	798	2.13	42.7		10.00	52.8	680	2.20	30.1	
0.10	5.6	2100	1.78	13.6		5.10	34.1	848	2.14	42.8		10.10	39.6	756	2.22	31.9	
0.20	11.6	2310	1.78	13.8		5.20	46.3	806	2.17	38.0		10.20	38.2	655	2.20	32.3	
0.30	14.4	2402	1.81	14.8		5.30	49.3	731	2.16	35.9		10.30	52.1	680	2.16	30.6	
0.40	10.4	2327	1.82	16.2		5.40	52.4	697	2.15	38.6		10.40	43.7	664	2.09	30.0	
0.50	7.9	2310	1.87	18.1		5.50	51.7	655	2.16	35.9		10.50	34.6	823	2.08	32.7	
0.60	6.6	2386	1.97	19.1		5.60	49.6	781	2.18	41.9		10.60	29.8	865	2.06	40.3	
0.70	5.5	2260	2.04	20.2		5.70	52.3	714	2.20	39.6		10.70	24.0	974	2.03	37.0	
0.80	4.6	2050	2.11	20.1		5.80	54.2	773	2.19	34.5		10.80	21.5	1075	2.00	37.2	
0.90	5.5	1924	2.11	19.2		5.90	49.8	605	2.17	34.3		10.90	17.5	1176	1.98	36.9	
1.00	14.4	1378	2.11	17.1		6.00	47.4	722	2.17	32.4		11.00	16.7	1369	2.04	37.3	
1.10	35.2	1193	2.11	15.7		6.10	47.0	748	2.18	36.3		11.10	16.6	1571	2.10	35.2	
1.20	44.0	1109	2.11	14.7		6.20	59.4	773	2.17	37.5		11.20	22.1	1403	2.10	35.2	
1.30	53.6	1151	2.12	15.2		6.30	49.2	773	2.17	35.3		11.30	14.9	1428	2.05	29.0	
1.40	57.8	1134	2.14	15.2		6.40	49.8	781	2.17	34.5		11.40	14.4	1445	1.97	29.3	
1.50	65.0	1310	2.12	15.9		6.50	50.5	739	2.15	35.4		11.50	14.4	1336	1.96	33.1	
1.60	59.2	1117	2.09	14.8		6.60	52.3	622	2.17	36.2		11.60	14.0	1630	2.00	33.8	
1.70	60.0	1058	2.10	16.2		6.70	51.1	580	2.17	35.7		11.70	13.6	1663	2.01	35.0	
1.80	42.2	1100	2.12	17.8		6.80	55.3	697	2.19	37.0		11.80	11.0	2005	2.01	33.9	
1.90	36.2	1117	2.09	18.1		6.90	56.5	697	2.19	36.1		11.90	10.6	2339	2.01	27.8	
2.00	50.3	1126	2.13	19.9		7.00	57.6	580	2.20	33.1		12.00	10.8	2795	1.98	26.0	
2.10	40.9	1151	2.17	24.4		7.10	58.8	697	2.19	32.7		12.10	10.9	2825	1.94	28.8	
2.20	18.2	1428	2.25	35.1		7.20	60.6	638	2.18	32.7		12.20	11.3	2278	1.91	28.1	
2.30	50.5	1142	2.31	28.6		7.30	55.1	580	2.16	37.1		12.30	11.0	2491	1.89	27.1	
2.40	40.3	1142	2.31	23.3		7.40	52.4	638	2.20	33.4		12.40	11.6	1884	1.88	29.9	
2.50	60.2	1100	2.33	22.6		7.50	49.9	689	2.20	36.6		12.50	10.8	2309	1.91	33.9	
2.60	44.4	1016	2.32	25.9		7.60	54.4	706	2.19	33.3		12.60	11.6	2400	1.94	34.1	
2.70	53.8	1016	2.31	23.1		7.70	48.0	714	2.19	33.9		12.70	10.8	2157	2.02	34.6	
2.80	52.3	1033	2.28	23.6		7.80	58.8	722	2.19	33.1		12.80	14.0	2248	2.08	36.6	
2.90	47.5	1008	2.29	26.4		7.90	58.0	781	2.20	33.3		12.90	28.0	1762		32.0	
3.00	49.7	697	2.31	23.8		8.00	61.6	680	2.20	35.2		13.00	25.2	1276		32.1	
3.10	56.4	1033	2.35	23.1		8.10	58.1	664	2.22	33.0		13.10	22.4	790		36.2	
3.20	61.9	1092	2.33	23.3		8.20	58.8	638	2.25	31.9		13.20	21.7				
3.30	113.4	1067	2.34	23.4		8.30	59.5	622	2.25	32.2		13.30	41.4				
3.40	80.3	958	2.32	23.1		8.40	62.5	773	2.24	30.6		13.40	66.5				
3.50	76.6	907	2.35	23.0		8.50	70.1	538	2.23	28.8		13.50	62.6				
3.60	73.8	991	2.30	23.7		8.60	60.5	546	2.23	29.4							
3.70	71.0	941	2.24	23.1		8.70	60.4	680	2.24	31.6							
3.80	66.8	974	2.14	22.9		8.80	55.8	655	2.22	32.2							
3.90	51.5	874	2.10	26.3		8.90	52.1	722	2.22	31.9							
4.00	40.6	773	2.11	35.2		9.00	51.4	638	2.21	31.2							
4.10	42.6	731	2.09	40.6		9.10	46.1	664	2.21	30.7							
4.20	39.2	1008	2.07	38.3		9.20	46.2	664	2.24	34.1							
4.30	32.4	991	2.07	37.9		9.30	54.8	764	2.24	31.9							
4.40	27.4	874	2.06	36.7		9.40	62.4	764	2.24	30.9							
4.50	24.2	890	2.06	37.4		9.50	68.2	706	2.25	30.0							
4.60	25.0	974	2.08	38.2		9.60	66.2	680	2.27	30.0							
4.70	26.8	916	2.08	39.5		9.70	52.3	731	2.25	27.5							
4.80	28.2	899	2.07	38.0		9.80	57.8	664	2.24	30.2							
4.90	27.2	932	2.08	40.7		9.90	56.6	596	2.21	27.4							
revision : 10-May-2005 – Ax7																	

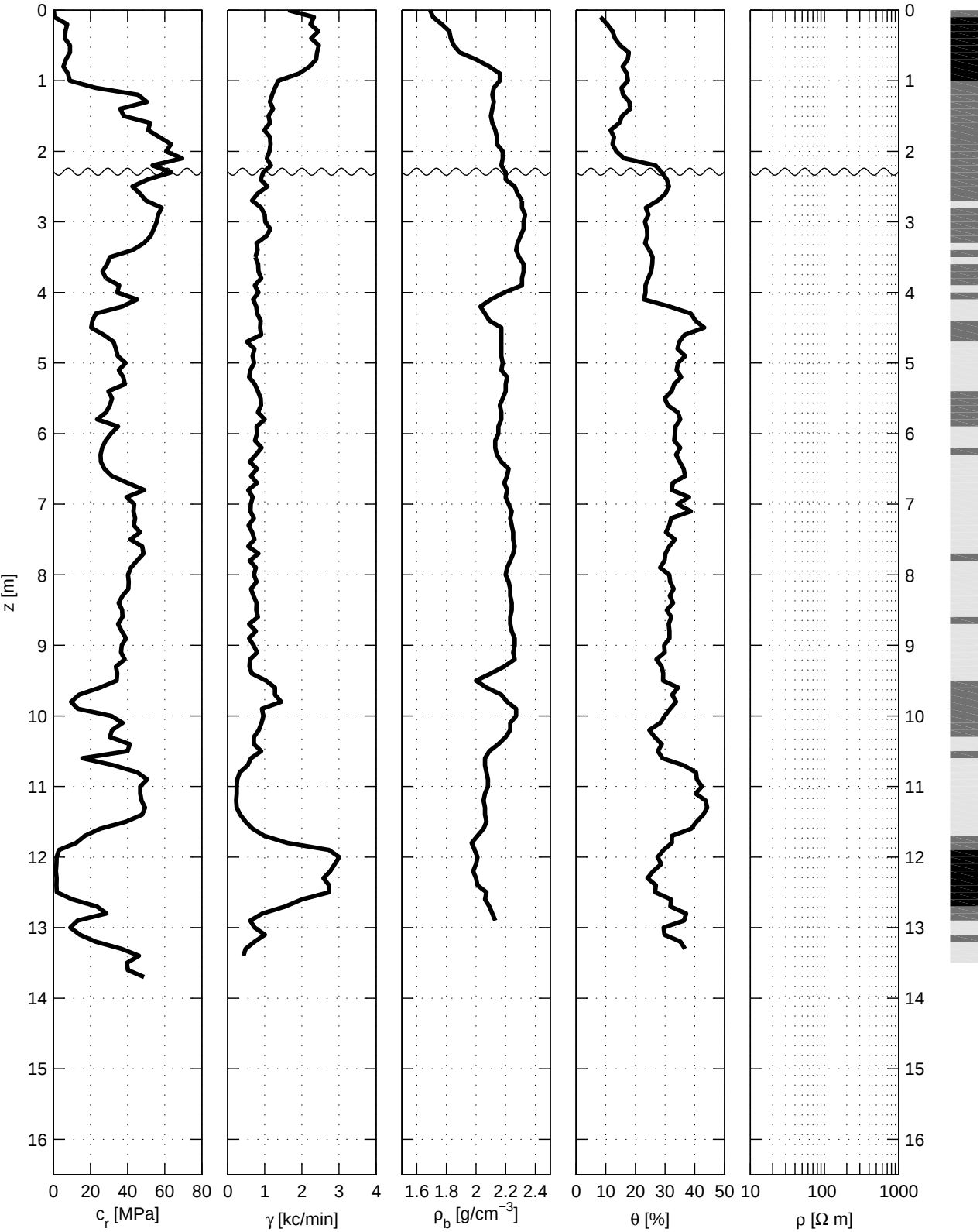


115		date: 23.08.2003		local coordinates : x=26.65m, y=93.32m, h=98.29m						water table z_w : 2.23m depth z_{max} : 15.00m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1680	1.77	5.3		5.00	32.5	815	2.16	38.2	88	10.00	35.8	848	2.20	32.6	76
0.10		2075	1.79	8.3	246	5.10	39.0	655	2.15	35.9	94	10.10	35.4	840	2.20	30.7	78
0.20	10.8	2226	1.81	11.4	254	5.20	37.8	739	2.17	37.1	93	10.20	35.5	1042	2.24	31.6	104
0.30	14.5	2125	1.82	13.7	205	5.30	36.6	655	2.15	35.5	82	10.30	24.4	983	2.25	30.6	92
0.40	11.2	2512	1.81	16.2	87	5.40	35.9	714	2.15	35.9	87	10.40	31.2	865	2.26	29.7	86
0.50	7.6	2646	1.86	18.4	52	5.50	34.6	731	2.17	35.5	79	10.50	31.6	739	2.29	29.1	93
0.60	6.1	2554	1.95	16.5	43	5.60	26.9	857	2.17	36.9	94	10.60	30.4	798	2.29	28.3	105
0.70	6.5	2411	2.04	15.9	45	5.70	33.2	932	2.14	39.1	105	10.70	33.5	748	2.29	28.5	116
0.80	9.2	1966	2.13	15.4	40	5.80	34.4	764	2.12	36.1	101	10.80	35.4	748	2.28	29.1	121
0.90	12.5	1546	2.15	14.4	87	5.90	25.9	983	2.11	34.7	81	10.90	42.2	966	2.16	26.8	132
1.00	31.1	1445	2.14	13.8	165	6.00	22.3	899	2.10	36.0	79	11.00	36.1	1142	2.12	25.5	127
1.10	50.5	1176	2.15	14.9	293	6.10	19.8	890	2.11	36.0	72	11.10	7.0	1823	2.05	25.2	74
1.20	51.0	1134	2.14	15.6	364	6.20	17.0	815	2.11	38.6	71	11.20		2260	2.07	28.8	32
1.30	65.0	1268	2.11	15.0	338	6.30	17.8	958	2.12	39.8	78	11.30		2092	2.10	26.5	31
1.40	60.0	1176	2.10	14.0	479	6.40	18.6	916	2.11	34.8	74	11.40	1.7	1663	2.05	28.2	36
1.50	49.1	1361	2.11	15.1	371	6.50	20.2	806	2.14	37.8	71	11.50	6.2	1554	2.03	33.6	45
1.60	42.2	1235	2.06	14.6	385	6.60	21.1	806	2.19	39.5	83	11.60	3.6	2159	1.97	33.3	42
1.70	61.0	1084	1.97	12.8	354	6.70	28.4	739	2.23	41.5	99	11.70	5.3	2730	1.94	33.9	36
1.80	52.0	1084	1.99	12.3	357	6.80	31.4	706	2.24	32.7	131	11.80	1.3	3646	1.89	29.5	27
1.90	46.2	840	2.02	10.4	715	6.90	44.3	680	2.23	31.3	134	11.90	1.1	3898	1.90	27.7	27
2.00	47.5	1075	2.14	13.4	726	7.00	36.5	697	2.22	28.8	135	12.00		2856	1.94	28.9	28
2.10	49.4	1142	2.16	12.8	260	7.10	45.0	613	2.21	30.9	145	12.10	1.2	2839	1.98	29.4	17
2.20	58.0	1042	2.25	29.0	104	7.20	43.4	672	2.20	33.6	126	12.20	1.2	2957	2.03	29.4	19
2.30	56.1	1008	2.29	30.1	157	7.30	45.4	689	2.17	32.8	127	12.30	9.5	1882	2.04	31.0	32
2.40	54.2	1042	2.33	29.3	154	7.40	41.0	664	2.16	34.3	121	12.40	13.7	1042	2.05	35.4	53
2.50	54.8	1016	2.35	25.9	183	7.50	37.9	722	2.16	39.3	100	12.50	18.7	588	2.06	36.5	58
2.60	54.8	966	2.35	23.1	202	7.60	37.1	605	2.14	37.6	89	12.60	9.6	697	2.08	40.8	55
2.70	46.6	991	2.32	22.7	203	7.70	40.2	798	2.16	39.4	100	12.70	8.5	781	2.07	34.6	54
2.80	43.4	1168	2.32	22.7	185	7.80	39.7	731	2.22	34.6	95	12.80	12.2	672	2.07	35.1	46
2.90	51.2	1184	2.29	22.1	156	7.90	38.4	722	2.25	36.9	85	12.90	17.5	655	2.09	34.9	37
3.00	38.4	949	2.29	25.5	157	8.00	46.1	764	2.26	32.6	91	13.00	13.9	689	2.09	37.7	38
3.10	41.9	1084	2.30	24.1	173	8.10	42.4	739	2.24	28.0	128	13.10	8.5	622	2.10	38.2	40
3.20	43.9	991	2.31	24.8	174	8.20	45.8	739	2.24	29.6	135	13.20	1.3	1008	2.09	35.2	44
3.30	32.4	1033	2.33	27.3	189	8.30	37.4	647	2.23	30.2	124	13.30	11.0	848	2.08	33.0	38
3.40	35.9	1075	2.34	23.5	192	8.40	37.0	538	2.22	29.0	121	13.40	20.6	655	2.06	36.2	
3.50	39.6	916	2.29	22.7	184	8.50	33.2	739	2.24	29.9	118	13.50	28.6	638	2.08	37.1	
3.60	44.6	756	2.22	23.1	183	8.60	37.3	714	2.26	31.7	113	13.60	33.0	699	2.06	39.3	
3.70	54.7	840	2.14	21.8	202	8.70	47.6	697	2.27	29.6	130	13.70	40.3	759	2.06	36.7	
3.80	44.4	773	2.08	28.2	169	8.80	49.8	722	2.25	27.2	146	13.80	45.7	517	2.05	41.5	
3.90	27.4	706	2.13	38.1	90	8.90	43.7	790	2.23	28.0	154	13.90	47.3	517	2.03	40.7	
4.00	29.5	714	2.10	42.5	66	9.00	43.3	638	2.22	32.6	130	14.00	42.7	577	2.05	41.8	
4.10	32.0	874	2.10	44.4	66	9.10	43.0	664	2.20	31.4	109	14.10	34.0	577	2.06	42.9	
4.20	30.8	739	2.09	40.8	70	9.20	42.6	697	2.21	34.0	98	14.20	32.0	426	2.05	40.2	
4.30	30.6	680	2.09	40.0	67	9.30	41.4	689	2.17	35.3	98	14.30	32.6	517	2.06	37.8	
4.40	31.4	714	2.12	42.0	67	9.40	41.8	714	2.13	30.4	108	14.40	31.1	729	2.06	39.3	
4.50	30.7	874	2.11	40.6	66	9.50	51.1	672	2.12	36.6	98	14.50	33.1	668		40.9	
4.60	31.7	798	2.08	37.6	78	9.60	35.9	722	2.14	36.1	69	14.60	31.3	608		38.7	
4.70	28.6	697	2.09	39.4	76	9.70	32.4	764	2.16	35.3	74	14.70	31.4	547		37.2	
4.80	24.8	857	2.13	39.9	65	9.80	31.6	1008	2.18	33.8	75	14.80	26.6	790			
4.90	30.0	823	2.15	39.9	70	9.90	33.1	706	2.20	34.8	81	14.90	21.7	820			
revision : 10-May-2005 – AxT																	



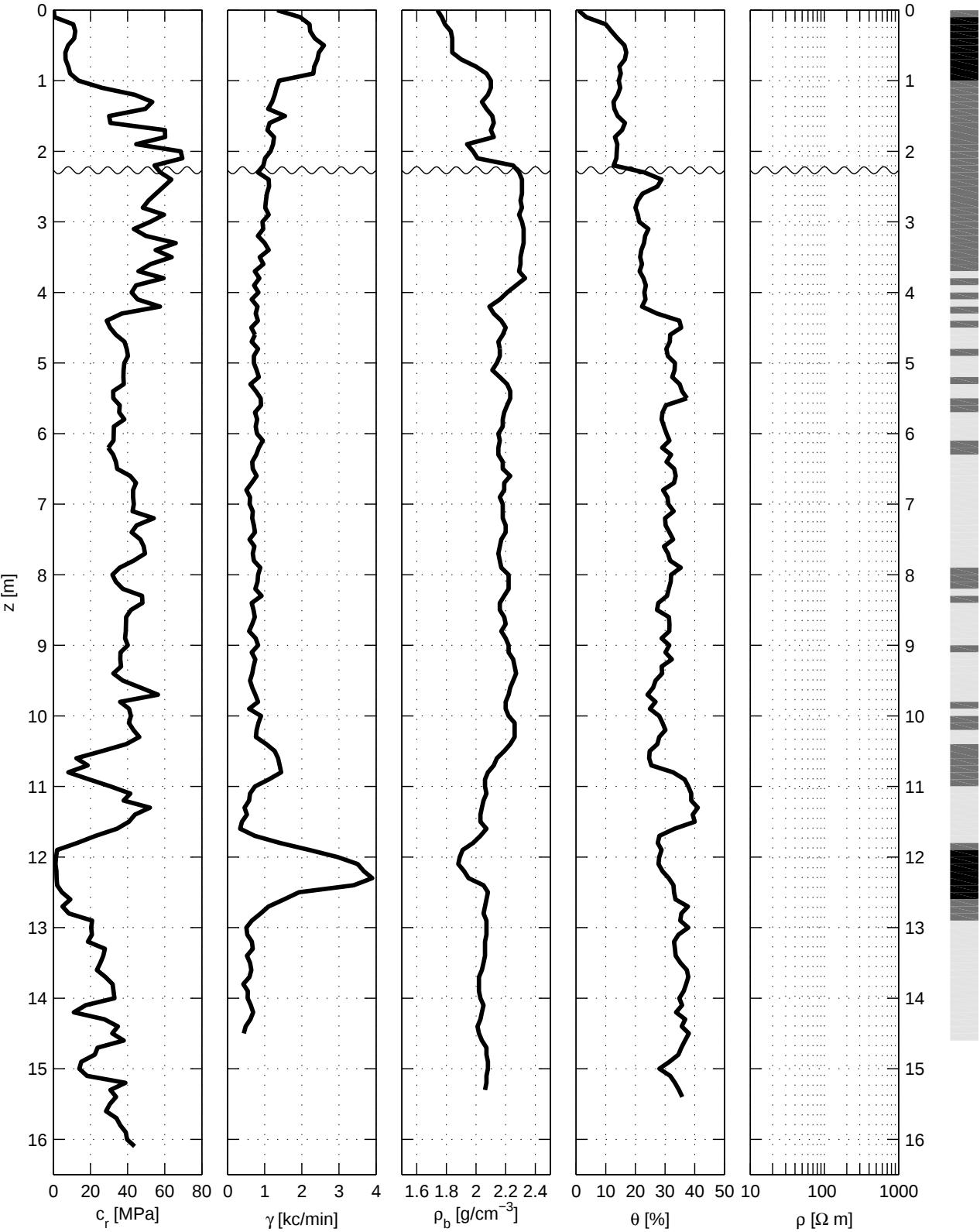
116		date: 24.08.2003		local coordinates : x=31.37m, y=93.25m, h=98.35m				water table z_w : 2.29m depth z_{max} : 13.70m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1630	1.69			5.00	38.9	714	2.18	34.4		10.00	31.2	966	2.27	29.9	
0.10		2327	1.71	8.2		5.10	35.3	613	2.17	33.9		10.10	37.3	916	2.23	28.4	
0.20	7.4	2234	1.77	10.5		5.20	37.6	580	2.21	35.4		10.20	31.6	840	2.23	24.7	
0.30	6.5	2444	1.82	12.3		5.30	38.5	731	2.20	33.1		10.30	30.4	706	2.20	26.5	
0.40	6.2	2251	1.83	13.1		5.40	29.6	815	2.20	32.2		10.40	41.2	706	2.15	28.9	
0.50	8.9	2461	1.85	14.8		5.50	31.6	890	2.18	29.9		10.50	40.0	907	2.09	27.6	
0.60	8.9	2411	1.89	17.8		5.60	30.4	899	2.16	30.9		10.60	15.6	630	2.06	29.1	
0.70	6.8	2386	2.00	17.4		5.70	28.4	815	2.17	34.3		10.70	32.6	538	2.06	36.3	
0.80	5.4	2209	2.09	15.7		5.80	23.5	1000	2.17	35.1		10.80	45.2	328	2.07	40.4	
0.90	7.8	1924	2.16	17.1		5.90	34.9	781	2.15	33.5		10.90	50.6	260	2.08	40.7	
1.00	8.8	1369	2.16	17.5		6.00	31.0	790	2.15	33.3		11.00	46.8	244	2.08	42.4	
1.10	22.7	1277	2.12	15.3		6.10	28.2	739	2.13	33.1		11.10	46.8	244	2.06	40.3	
1.20	45.6	1201	2.11	15.9		6.20	26.3	916	2.13	35.1		11.20	47.5	227	2.05	43.6	
1.30	50.4	1142	2.12	18.0		6.30	25.4	764	2.14	33.7		11.30	49.4	244	2.06	44.2	
1.40	36.1	1226	2.11	18.2		6.40	25.6	596	2.17	34.9		11.40	47.9	336	2.06	42.9	
1.50	37.9	1100	2.10	15.5		6.50	27.5	790	2.22	36.2		11.50	39.1	487	2.07	40.6	
1.60	52.1	1142	2.11	14.6		6.60	31.4	630	2.21	36.8		11.60	25.2	672	2.05	38.8	
1.70	51.0	991	2.13	11.6		6.70	40.0	790	2.19	32.6		11.70	16.9	991	2.01	32.3	
1.80	57.2	1142	2.14	12.8		6.80	49.0	554	2.21	32.3		11.80	12.2	1613	1.97	32.3	
1.90	63.4	1159	2.14	12.3		6.90	39.4	680	2.20	38.1		11.90	3.0	2730	1.99	29.5	
2.00	60.7	1126	2.18	13.6		7.00	43.6	622	2.22	34.2		12.00	1.7	3008	2.01	27.5	
2.10	69.4	1058	2.18	16.2		7.10	43.2	613	2.24	38.7		12.10	1.6	2886	2.00	28.7	
2.20	53.4	1168	2.17	26.8		7.20	44.0	706	2.23	32.0		12.20	1.3	2764	1.98	26.0	
2.30	63.5	958	2.20	28.9		7.30	43.4	563	2.24	31.4		12.30	1.7	2582	2.00	24.1	
2.40	50.8	890	2.20	30.6		7.40	46.7	664	2.25	30.3		12.40	1.6	2734	2.01	26.9	
2.50	42.6	1075	2.26	31.3		7.50	41.5	722	2.25	33.3		12.50	1.8	2734	2.07	26.6	
2.60	46.7	806	2.28	30.1		7.60	47.9	554	2.26	31.4		12.60	10.2	2005	2.06	32.0	
2.70	49.9	659	2.31	27.6		7.70	48.6	832	2.25	30.1		12.70	23.5	1549	2.09	31.8	
2.80	58.3	907	2.31	23.5		7.80	45.0	596	2.23	29.8		12.80	28.6	941	2.11	37.1	
2.90	56.5	1000	2.33	24.4		7.90	41.8	764	2.21	28.3		12.90	13.0	608	2.13	36.4	
3.00	55.7	1016	2.32	23.2		8.00	40.2	706	2.20	31.4		13.00	9.1	729		29.5	
3.10	54.1	1151	2.32	23.9		8.10	40.6	781	2.22	31.7		13.10	14.3	1002		29.8	
3.20	52.4	1050	2.30	24.0		8.20	40.4	630	2.23	32.9		13.20	22.7	729		35.2	
3.30	48.8	781	2.28	23.3		8.30	37.2	697	2.23	31.6		13.30	36.6	486		36.7	
3.40	42.8	806	2.27	24.7		8.40	35.2	781	2.24	32.7		13.40	46.1	426			
3.50	30.4	748	2.29	25.8		8.50	37.0	773	2.24	30.6		13.50	39.6				
3.60	29.0	823	2.32	25.7		8.60	37.2	815	2.23	32.1		13.60	40.1				
3.70	26.5	832	2.32	25.3		8.70	34.9	580	2.23	31.2		13.70	48.9				
3.80	28.3	907	2.31	24.3		8.80	36.8	764	2.24	31.5							
3.90	35.5	731	2.31	23.4		8.90	39.1	580	2.26	31.5							
4.00	34.4	832	2.19	23.4		9.00	36.8	697	2.26	29.7							
4.10	45.1	689	2.10	22.9		9.10	36.4	798	2.25	29.9							
4.20	37.0	773	2.03	31.6		9.20	38.4	605	2.26	27.1							
4.30	22.8	798	2.06	38.7		9.30	33.7	588	2.19	28.8							
4.40	21.1	890	2.09	40.2		9.40	34.4	647	2.10	29.4							
4.50	20.4	874	2.17	43.2		9.50	34.1	1033	2.00	29.3							
4.60	27.1	907	2.17	36.6		9.60	25.2	1277	2.07	34.4							
4.70	32.4	521	2.17	34.8		9.70	13.9	1277	2.17	32.4							
4.80	33.7	722	2.17	34.2		9.80	9.5	1445	2.21	33.7							
4.90	34.7	672	2.17	36.8		9.90	13.2	924	2.27	31.7							
revision : 10-May-2005 – AxT																	

116	date: 24.08.2003	local coordinates : x=31.37m, y=93.25m, h=98.35m	water table z_w : 2.29m depth $z_{\max}$: 13.70m
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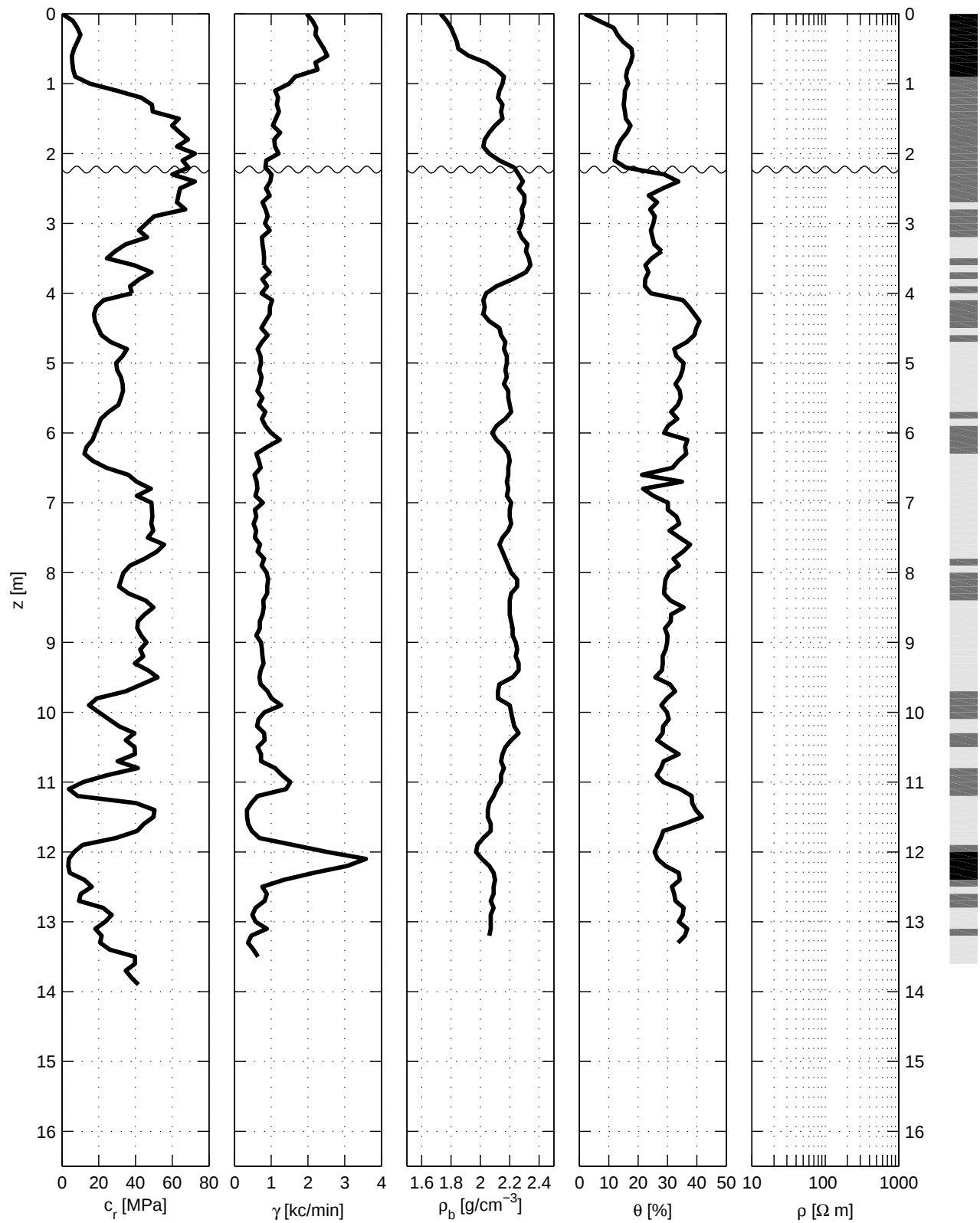
117		date: 24.08.2003		local coordinates : x=31.45m, y=99.44m, h=98.33m				water table z_w : 2.27m depth z_{max} : 16.10m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1336	1.74			5.00	38.2	706	2.14	33.3		10.00	41.8	899	2.22	28.0	
0.10		1957	1.77	3.4		5.10	37.8	781	2.11	33.2		10.10	40.7	832	2.26	29.1	
0.20	10.7	2209	1.79	10.0		5.20	37.7	840	2.16	32.4		10.20	43.2	781	2.26	30.1	
0.30	11.8	2226	1.83	11.9		5.30	37.9	613	2.21	34.9		10.30	46.3	764	2.26	28.0	
0.40	11.2	2352	1.84	14.0		5.40	32.2	764	2.23	35.7		10.40	39.2	1042	2.23	27.4	
0.50	7.9	2596	1.84	16.3		5.50	32.3	890	2.23	37.4		10.50	26.2	1268	2.19	24.8	
0.60	6.5	2461	1.84	16.9		5.60	35.8	899	2.21	30.3		10.60	12.4	1361	2.14	24.6	
0.70	6.6	2419	1.90	16.4		5.70	35.5	739	2.19	29.1		10.70	18.5	1403	2.12	25.4	
0.80	8.0	2335	2.00	14.6		5.80	38.2	798	2.18	28.8		10.80	8.0	1445	2.08	32.7	
0.90	9.0	2310	2.07	15.1		5.90	32.6	756	2.18	29.6		10.90	19.4	1109	2.06	36.6	
1.00	13.6	1386	2.10	14.4		6.00	32.5	790	2.15	30.5		11.00	30.8	739	2.06	37.8	
1.10	26.2	1319	2.10	14.9		6.10	32.4	949	2.16	31.5		11.10	41.5	605	2.07	38.8	
1.20	43.8	1268	2.08	14.0		6.20	29.5	840	2.15	29.0		11.20	37.8	580	2.05	38.8	
1.30	53.3	1201	2.04	12.6		6.30	32.2	773	2.15	32.0		11.30	52.0	454	2.04	41.0	
1.40	49.6	1092	2.07	12.9		6.40	33.7	664	2.18	30.5		11.40	43.9	521	2.03	39.3	
1.50	30.0	1546	2.11	14.0		6.50	34.4	680	2.18	33.1		11.50	40.7	386	2.03	40.0	
1.60	30.7	1134	2.12	16.5		6.60	41.4	781	2.23	33.6		11.60	34.3	336	2.07	33.2	
1.70	60.1	1075	2.10	15.5		6.70	44.5	647	2.19	33.0		11.70	22.7	731	2.03	28.1	
1.80	60.2	1252	2.12	13.1		6.80	43.0	504	2.19	29.3		11.80	12.8	1411	1.98	27.5	
1.90	44.6	1226	1.94	13.9		6.90	43.0	605	2.16	30.8		11.90	2.0	2201	1.91	28.8	
2.00	68.6	1159	1.98	13.7		7.00	43.4	596	2.18	31.1		12.00	1.4	2965	1.89	28.0	
2.10	69.5	1008	2.01	13.6		7.10	42.7	680	2.18	32.9		12.10	1.1	3503	1.88	27.8	
2.20	54.5	966	2.25	12.7		7.20	54.1	664	2.18	30.0		12.20	1.6	3671	1.92	29.1	
2.30	57.7	815	2.29	23.0		7.30	44.8	706	2.20	30.2		12.30	1.7	3898	1.95	31.2	
2.40	63.6	1109	2.31	28.8		7.40	42.2	739	2.20	31.5		12.40	2.0	3394	2.05	32.8	
2.50	59.5	1117	2.31	27.4		7.50	46.9	588	2.17	32.7		12.50	4.6	1924	2.08	33.0	
2.60	55.3	1058	2.31	22.4		7.60	48.7	722	2.16	29.6		12.60	9.1	1520	2.07	33.5	
2.70	51.2	1033	2.30	20.8		7.70	49.4	680	2.15	31.0		12.70	4.9	1100	2.06	37.7	
2.80	48.2	1016	2.31	20.0		7.80	43.3	706	2.16	31.7		12.80	8.3	890	2.05	35.5	
2.90	59.6	1109	2.29	20.8		7.90	35.8	882	2.17	35.3		12.90	20.9	655	2.07	35.1	
3.00	52.2	941	2.31	21.3		8.00	31.8	823	2.22	32.0		13.00	20.4	504	2.07	37.8	
3.10	43.4	958	2.32	24.4		8.10	33.7	806	2.22	31.9		13.10	20.8	529	2.07	34.5	
3.20	49.9	815	2.32	23.3		8.20	37.4	748	2.22	31.2		13.20	18.6	655	2.06	33.0	
3.30	65.9	1000	2.32	22.9		8.30	47.8	916	2.19	30.7		13.30	27.8	680	2.06	33.3	
3.40	55.1	1109	2.31	22.0		8.40	48.0	647	2.16	27.7		13.40	26.9	521	2.06	33.6	
3.50	63.8	865	2.30	21.6		8.50	41.8	697	2.16	27.3		13.50	25.3	605	2.05	35.2	
3.60	52.3	966	2.30	22.2		8.60	39.2	731	2.19	31.3		13.60	23.4	638	2.04	37.3	
3.70	45.8	731	2.29	21.4		8.70	39.1	664	2.20	31.5		13.70	28.1	588	2.02	37.8	
3.80	59.4	857	2.33	22.7		8.80	39.0	580	2.17	31.4		13.80	31.9	420	2.02	37.1	
3.90	44.5	714	2.27	23.5		8.90	38.6	756	2.20	28.8		13.90	32.4	546	2.02	36.3	
4.00	42.2	832	2.21	23.0		9.00	40.1	823	2.22	31.4		14.00	32.9	538	2.03	34.8	
4.10	45.4	647	2.16	23.4		9.10	36.2	647	2.22	30.1		14.10	17.4	622	2.05	35.7	
4.20	57.5	806	2.09	22.2		9.20	36.1	748	2.25	32.3		14.20	11.0	689	2.04	33.7	
4.30	36.8	756	2.12	27.3		9.30	36.4	697	2.26	28.8		14.30	27.5	613	2.03	36.8	
4.40	28.8	815	2.17	34.8		9.40	32.3	664	2.27	29.0		14.40	34.8	487	2.01	35.6	
4.50	30.5	638	2.20	35.4		9.50	37.4	605	2.25	26.8		14.50	31.7	437	2.02	38.0	
4.60	33.7	739	2.18	31.7		9.60	46.9	664	2.23	26.0		14.60	37.9		2.04	36.7	
4.70	38.3	647	2.15	31.6		9.70	56.4	748	2.22	24.1		14.70	23.8		2.07	35.5	
4.80	39.5	823	2.16	30.4		9.80	36.0	823	2.20	26.8		14.80	22.3		2.07	34.5	
4.90	40.2	706	2.16	30.9		9.90	40.8	580	2.20	24.9		14.90	15.0		2.08	31.5	
revision : 10-May-2005 – AxT																	

117	date: 24.08.2003	local coordinates : x=31.45m, y=99.44m, h=98.33m	water table z_w : 2.27m depth $z_{\max}$: 16.10m
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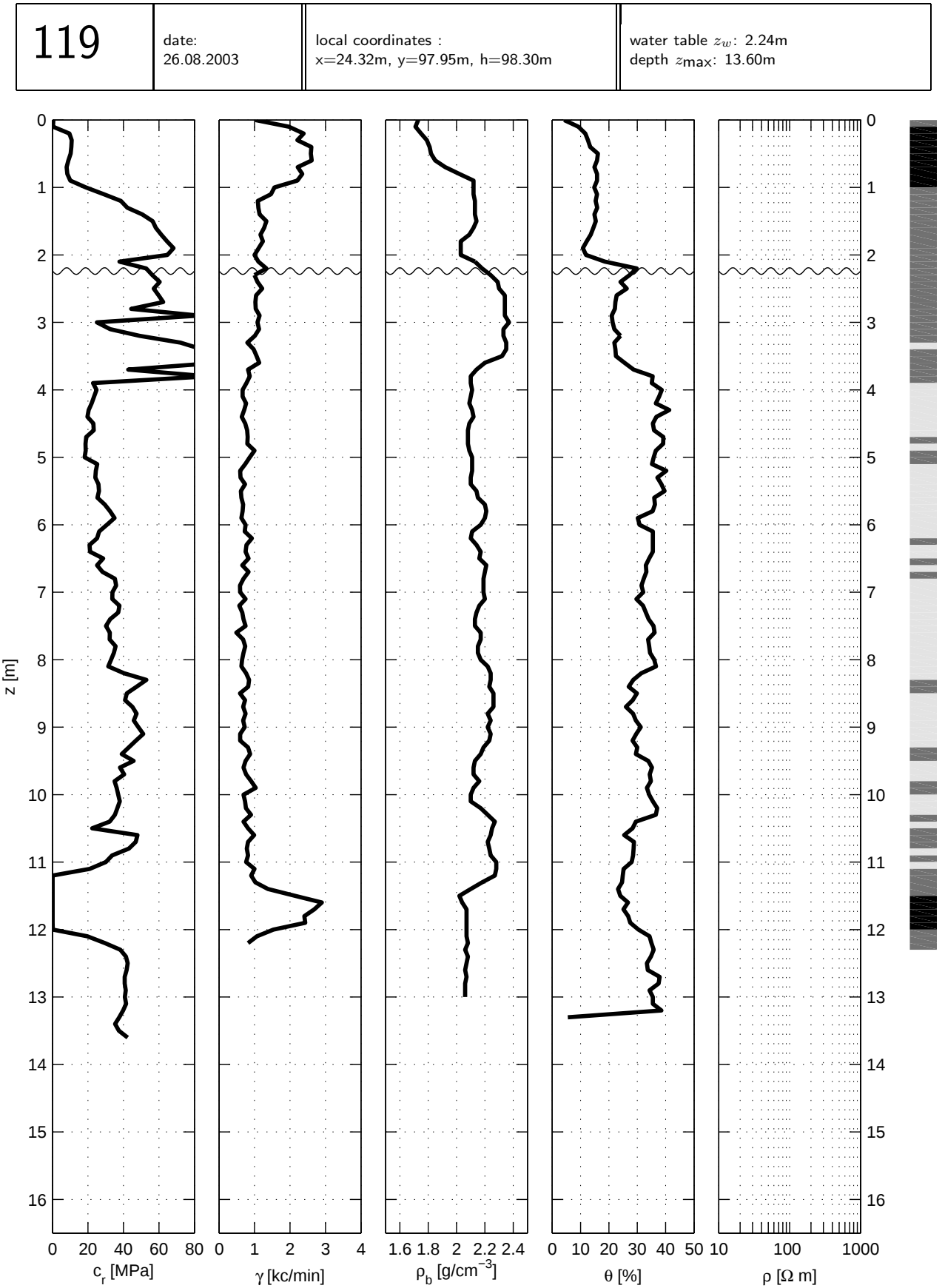


118		date: 25.08.2003		local coordinates : x=28.51m, y=97.71m, h=98.31m						water table z_w : 2.23m depth z_{max} : 13.90m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1966	1.73	1.9		5.00	29.4	722	2.18	35.5		10.00	20.1	815	2.21	29.8	
0.10	5.9	2125	1.77	6.6		5.10	30.0	672	2.17	35.1		10.10	25.5	655	2.22	30.4	
0.20	8.3	2226	1.80	11.7		5.20	32.0	739	2.18	34.3		10.20	31.0	613	2.23	28.5	
0.30	10.0	2201	1.82	13.0		5.30	33.0	697	2.16	32.7		10.30	39.4	806	2.26	28.3	
0.40	8.3	2318	1.84	14.9		5.40	33.2	622	2.19	34.2		10.40	34.7	823	2.21	26.5	
0.50	6.6	2436	1.85	17.7		5.50	32.0	764	2.19	34.5		10.50	39.5	630	2.17	29.9	
0.60	5.4	2528	1.92	18.1		5.60	30.7	664	2.20	33.5		10.60	39.7	722	2.15	33.8	
0.70	5.6	2201	2.04	17.5		5.70	25.3	840	2.21	31.2		10.70	30.2	722	2.14	28.7	
0.80	6.1	2260	2.11	16.3		5.80	21.2	748	2.17	33.3		10.80	41.3	1109	2.16	27.8	
0.90	7.2	1655	2.16	15.9		5.90	19.7	840	2.11	30.2		10.90	24.6	1294	2.14	26.3	
1.00	15.1	1487	2.15	16.6		6.00	18.1	1000	2.08	28.8		11.00	11.5	1520	2.14	28.5	
1.10	29.9	1109	2.13	15.5		6.10	16.6	1235	2.11	36.8		11.10	3.7	1403	2.11	34.4	
1.20	43.1	1184	2.12	15.4		6.20	13.4	890	2.16	36.0		11.20	8.5	630	2.09	38.2	
1.30	49.0	1151	2.15	15.1		6.30	12.2	596	2.19	36.4		11.30	40.2	462	2.06	38.4	
1.40	49.4	1210	2.14	15.5		6.40	16.7	664	2.20	33.7		11.40	50.4	336	2.05	39.6	
1.50	63.6	1126	2.15	15.8		6.50	24.1	714	2.19	31.7		11.50	49.8	344	2.05	41.7	
1.60	59.9	1042	2.10	17.4		6.60	36.1	546	2.19	21.3		11.60	44.5	370	2.07	35.7	
1.70	64.2	1243	2.06	16.2		6.70	40.6	605	2.18	34.9		11.70	40.9	470	2.07	28.6	
1.80	68.6	1084	2.03	14.3		6.80	48.4	622	2.19	21.7		11.80	29.2	680	2.02	27.7	
1.90	62.6	1100	2.02	13.0		6.90	40.7	571	2.18	25.2		11.90	11.2	1596	1.98	26.6	
2.00	72.4	1201	2.06	12.3		7.00	48.7	773	2.21	30.1		12.00	6.6	2528	1.97	25.6	
2.10	65.6	865	2.13	12.0		7.10	49.0	554	2.20	30.1		12.10	3.7	3578	2.01	26.6	
2.20	68.9	840	2.23	15.8		7.20	49.2	596	2.20	33.1		12.20	3.4	3068	2.06	29.3	
2.30	60.0	1008	2.26	28.9		7.30	48.6	521	2.21	34.0		12.30	4.2	2157	2.09	33.8	
2.40	72.4	974	2.29	33.7		7.40	49.7	588	2.19	30.7		12.40	12.2	1337	2.10	34.2	
2.50	64.3	857	2.26	28.4		7.50	46.7	554	2.15	34.1		12.50	16.2	759	2.09	31.5	
2.60	63.4	958	2.30	23.6		7.60	55.6	697	2.13	37.7		12.60	10.2	881	2.09	32.3	
2.70	62.6	764	2.30	26.5		7.70	51.6	630	2.15	35.3		12.70	9.2	820	2.07	32.7	
2.80	67.1	848	2.28	24.1		7.80	45.0	806	2.17	32.0		12.80	22.2	577	2.09	35.5	
2.90	50.2	907	2.29	25.7		7.90	37.0	739	2.19	33.9		12.90	27.1	486	2.07	35.2	
3.00	46.0	832	2.28	25.2		8.00	33.5	874	2.21	30.5		13.00	23.5	577	2.07	33.8	
3.10	41.9	958	2.26	24.3		8.10	32.2	916	2.25	29.3		13.10	18.1	881	2.07	36.7	
3.20	46.3	748	2.28	24.9		8.20	31.0	890	2.25	29.0		13.20	21.6	456	2.06	35.9	
3.30	34.6	764	2.32	25.5		8.30	36.2	890	2.21	28.8		13.30	20.8	365		33.6	
3.40	29.0	790	2.31	28.0		8.40	45.5	781	2.20	31.0		13.40	26.0	517			
3.50	24.4	806	2.33	24.6		8.50	49.8	798	2.20	35.5		13.50	39.7	638			
3.60	39.2	798	2.34	22.5		8.60	44.9	764	2.20	31.2		13.60	39.7				
3.70	48.8	958	2.31	23.5		8.70	41.3	689	2.21	31.1		13.70	34.7				
3.80	42.2	756	2.22	22.4		8.80	41.0	689	2.22	29.1		13.80	37.8				
3.90	37.0	890	2.11	22.3		8.90	43.1	596	2.22	30.0		13.90	41.6				
4.00	38.0	739	2.04	24.3		9.00	46.0	722	2.24	29.9							
4.10	22.6	1025	2.02	35.3		9.10	42.6	748	2.25	29.4							
4.20	18.6	966	2.03	37.4		9.20	44.2	764	2.24	28.3							
4.30	17.4	958	2.02	39.1		9.30	39.6	790	2.26	28.4							
4.40	17.9	840	2.06	40.9		9.40	46.8	714	2.26	28.1							
4.50	19.7	731	2.13	39.8		9.50	52.0	680	2.22	25.8							
4.60	21.5	907	2.14	39.1		9.60	43.6	714	2.13	30.8							
4.70	26.5	748	2.17	36.6		9.70	34.7	899	2.12	32.6							
4.80	35.4	630	2.16	32.3		9.80	19.0	1008	2.12	29.8							
4.90	32.9	706	2.18	33.0		9.90	14.6	1268	2.20	27.9							
revision : 10-May-2005 – Ax7																	

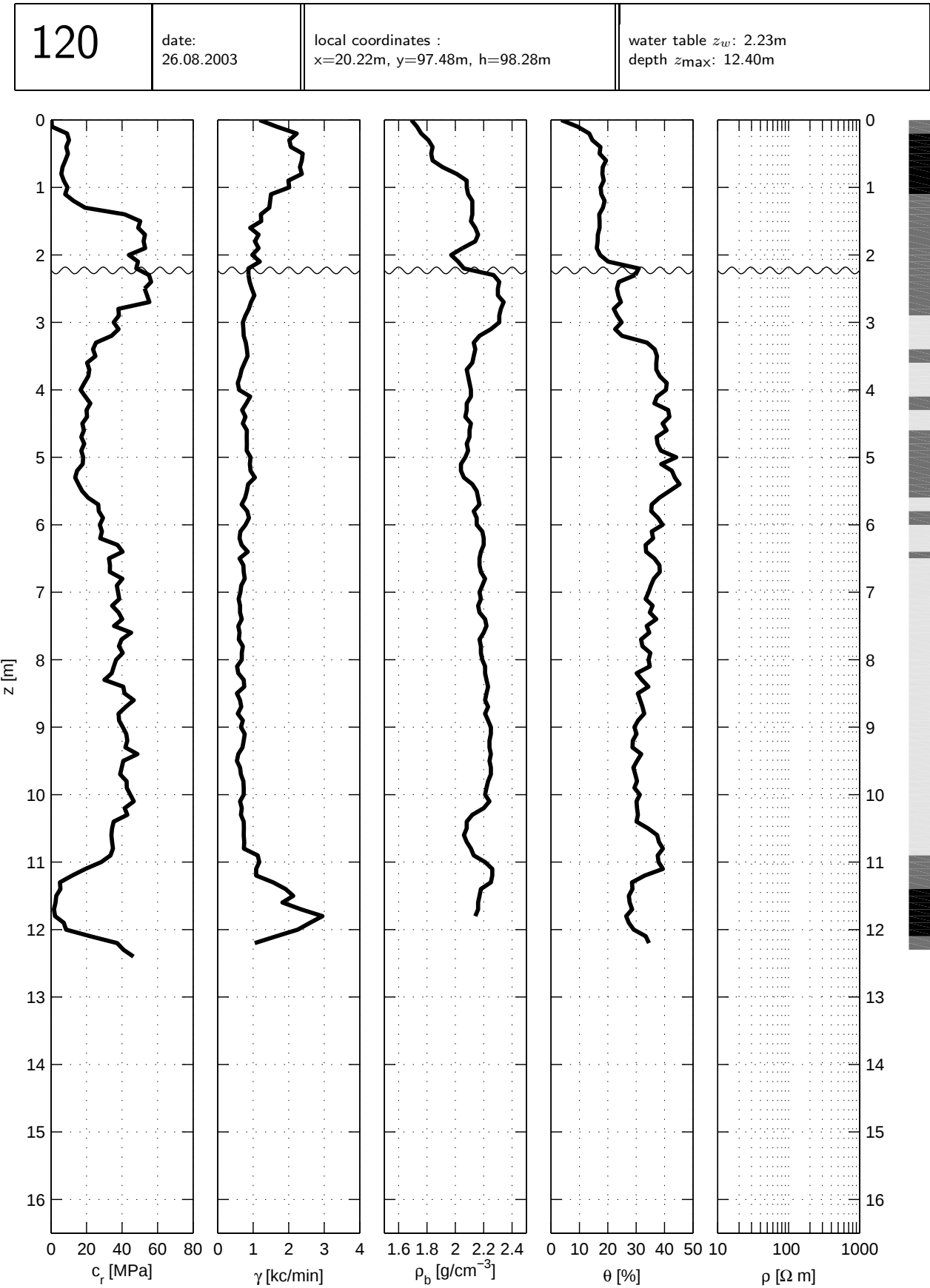
118	date: 25.08.2003	local coordinates : x=28.51m, y=97.71m, h=98.31m	water table z_w : 2.23m depth $z_{\max}$: 13.90m
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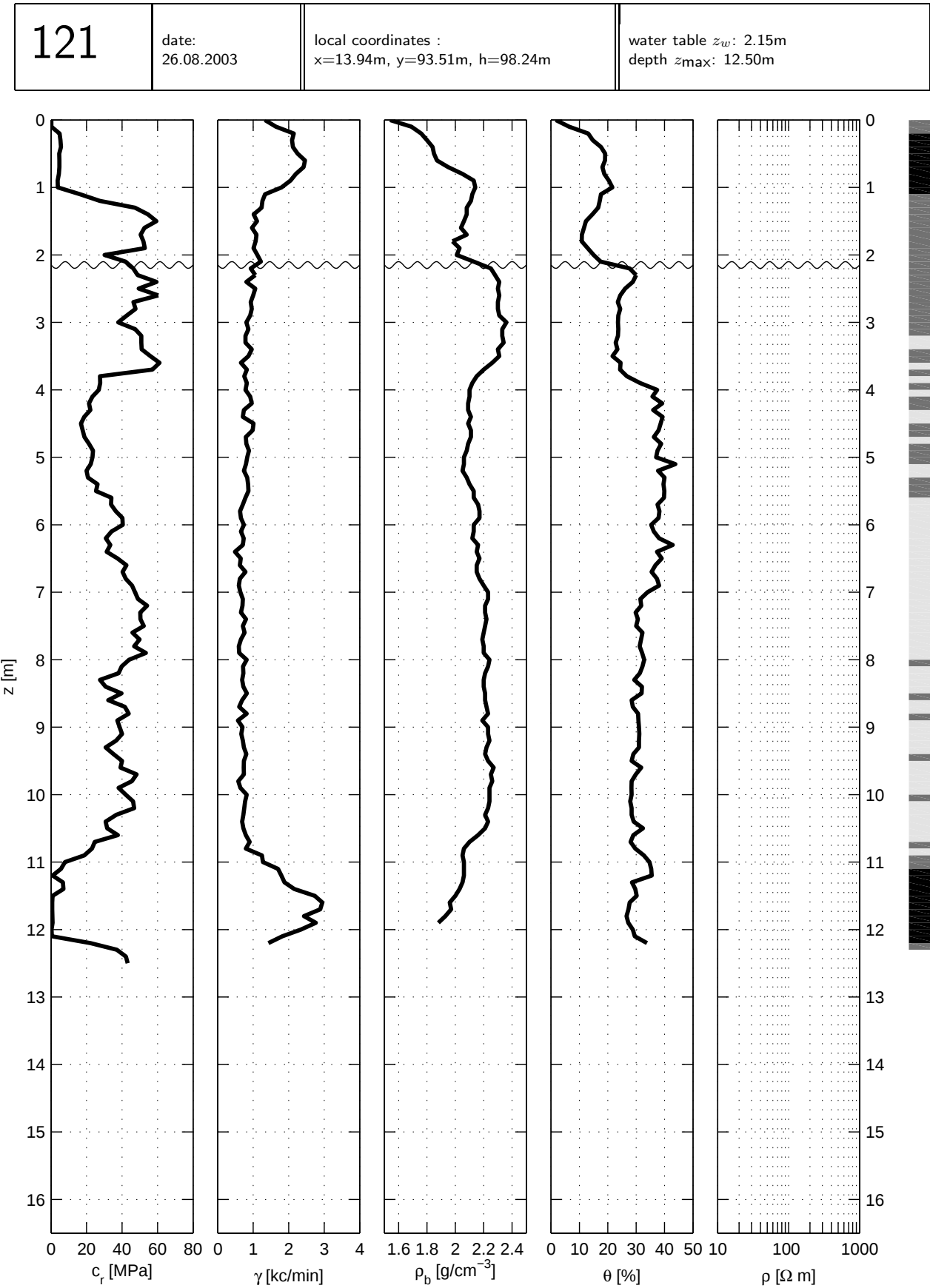
119		date: 26.08.2003		local coordinates : x=24.32m, y=97.95m, h=98.30m				water table z_w : 2.24m depth $z_{\max}$: 13.60m													
z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	
0.00			1025	1.73	4.2		5.00		18.1	865	2.11	35.8			10.00		37.0	689	2.10	34.2	
0.10			1966	1.71	9.2		5.10		25.2	739	2.11	35.2			10.10		37.9	731	2.10	35.5	
0.20		9.5	2386	1.75	11.7		5.20		24.4	596	2.11	40.2			10.20		36.5	756	2.17	37.0	
0.30		10.8	2209	1.79	12.6		5.30		24.1	605	2.10	37.1			10.30		35.2	899	2.22	36.5	
0.40		10.6	2604	1.81	13.4		5.40		25.9	731	2.10	38.5			10.40		32.2	689	2.27	29.5	
0.50		10.2	2587	1.82	16.1		5.50		26.2	613	2.14	39.6			10.50		22.3	815	2.25	28.3	
0.60		8.9	2612	1.85	15.8		5.60		25.3	630	2.15	36.0			10.60		47.9	991	2.24	25.4	
0.70		7.9	2218	1.92	14.9		5.70		29.4	680	2.20	36.2			10.70		46.9	815	2.22	28.8	
0.80		8.3	2344	2.02	15.8		5.80		32.4	664	2.21	35.4			10.80		43.1	781	2.23	28.7	
0.90		10.0	2209	2.12	15.8		5.90		35.0	630	2.20	30.2			10.90		33.6	815	2.24	28.5	
1.00		18.8	1562	2.12	14.8		6.00		30.6	748	2.17	30.8			11.00		30.0	764	2.28	28.0	
1.10		29.0	1462	2.12	15.8		6.10		26.3	722	2.11	35.5			11.10		21.0	1000	2.28	25.2	
1.20		38.5	1092	2.13	15.3		6.20		25.1	924	2.10	35.5			11.20			907	2.27	24.9	
1.30		42.2	1109	2.13	15.9		6.30		20.9	773	2.14	35.5			11.30			1025	2.18	24.6	
1.40		50.6	1142	2.13	14.9		6.40		21.2	748	2.17	35.5			11.40			1378	2.10	23.2	
1.50		56.5	1336	2.14	15.4		6.50		28.6	832	2.16	34.2			11.50			2142	2.02	24.0	
1.60		58.2	1268	2.12	14.5		6.60		25.1	655	2.21	33.0			11.60			2898	2.04	26.7	
1.70		61.3	1168	2.09	13.6		6.70		28.2	832	2.20	33.2			11.70			2688	2.07	25.1	
1.80		64.6	1235	2.03	12.2		6.80		35.2	689	2.19	32.3			11.80			2402	2.07	26.8	
1.90		68.2	1117	2.03	10.8		6.90		35.9	588	2.19	31.5			11.90			2428	2.07	27.5	
2.00		64.8	1000	2.03	11.9		7.00		33.8	596	2.19	32.1			12.00			1529	2.07	30.4	
2.10		37.7	1109	2.13	18.6		7.10		33.7	748	2.20	29.7			12.10		19.6	1067	2.07	34.3	
2.20		52.8	1336	2.18	29.8		7.20		37.7	571	2.16	32.0			12.20		29.5	815	2.08	35.0	
2.30		56.3	1000	2.24	27.3		7.30		37.0	655	2.14	33.0			12.30		38.2		2.06	35.8	
2.40		60.4	1084	2.29	24.1		7.40		32.5	689	2.13	34.0			12.40		41.4		2.08	34.8	
2.50		57.1	1218	2.30	26.3		7.50		30.1	748	2.13	35.7			12.50		42.4		2.07	33.4	
2.60		59.8	1042	2.34	22.7		7.60		32.3	487	2.17	36.1			12.60		41.8		2.06	33.7	
2.70		62.4	1025	2.34	22.3		7.70		32.2	680	2.17	33.8			12.70		40.7		2.07	37.9	
2.80		44.3	1033	2.34	22.1		7.80		35.6	739	2.15	34.2			12.80		40.7		2.06	37.5	
2.90		82.2	1142	2.34	21.0		7.90		34.6	689	2.15	34.5			12.90		41.3		2.06	34.3	
3.00		25.0	1084	2.37	21.3		8.00		33.0	647	2.17	36.0			13.00		40.8		2.06	35.5	
3.10		32.5	1126	2.33	21.9		8.10		31.4	630	2.22	36.6			13.10		41.5			35.5	
3.20		49.1	1008	2.33	24.1		8.20		40.3	764	2.24	31.4			13.20		39.8			38.5	
3.30		72.2	798	2.35	21.9		8.30		52.9	848	2.24	28.6			13.30		37.6			5.5	
3.40		84.2	974	2.35	22.3		8.40		47.4	823	2.23	27.0			13.40		35.3				
3.50		92.7	1058	2.32	22.5		8.50		41.9	588	2.26	29.9			13.50		37.4				
3.60		92.4	1134	2.20	25.5		8.60		40.9	731	2.26	28.4			13.60		42.4				
3.70		42.7	815	2.14	28.7		8.70		45.0	680	2.26	26.0									
3.80		87.1	865	2.10	35.4		8.80		47.4	748	2.22	28.5									
3.90		22.8	773	2.10	35.1		8.90		45.8	680	2.24	29.5									
4.00		24.8	664	2.11	38.6		9.00		48.4	722	2.22	31.2									
4.10		23.4	664	2.10	37.7		9.10		51.1	596	2.24	29.6									
4.20		22.0	764	2.09	36.5		9.20		47.0	596	2.23	28.3									
4.30		20.4	706	2.11	41.3		9.30		43.0	815	2.19	30.0									
4.40		19.7	638	2.12	36.7		9.40		39.0	874	2.17	29.5									
4.50		23.0	739	2.09	35.5		9.50		45.7	748	2.13	33.9									
4.60		23.2	790	2.08	35.9		9.60		38.0	689	2.12	35.2									
4.70		19.0	806	2.08	39.2		9.70		40.4	764	2.12	34.4									
4.80		18.6	798	2.08	39.1		9.80		35.0	907	2.16	34.8									
4.90		18.7	1000	2.09	36.5		9.90		36.2	1033	2.12	33.4									
revision : 10-May-2005 – AxT																					



120		date: 26.08.2003		local coordinates : x=20.22m, y=97.48m, h=98.28m				water table z_w : 2.23m depth $z_{\max}$: 12.40m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1176	1.69	3.6		5.00	18.1	924	2.07	44.1		10.00	44.6	731	2.21	31.3	
0.10		1663	1.73	9.4		5.10	17.8	907	2.04	38.8		10.10	46.6	630	2.24	30.1	
0.20	9.0	2226	1.76	13.5		5.20	14.6	924	2.04	42.6		10.20	41.5	680	2.20	30.3	
0.30	10.1	2016	1.81	14.6		5.30	13.6	1050	2.06	43.6		10.30	43.0	655	2.12	30.6	
0.40	8.5	2066	1.84	17.4		5.40	15.4	857	2.12	45.3		10.40	35.3	731	2.08	30.1	
0.50	9.5	2394	1.83	17.1		5.50	17.5	823	2.15	41.7		10.50	34.4	739	2.08	34.1	
0.60	8.0	2369	1.84	19.4		5.60	20.9	773	2.16	38.2		10.60	34.0	731	2.06	37.4	
0.70	6.5	2318	1.91	18.2		5.70	26.6	672	2.17	35.5		10.70	34.4	748	2.08	38.0	
0.80	5.8	2369	2.01	18.1		5.80	26.9	832	2.13	35.3		10.80	34.9	738	2.11	39.4	
0.90	7.2	1991	2.08	18.6		5.90	29.2	882	2.15	37.7		10.90	33.5	1128	2.13	37.6	
1.00	9.2	2016	2.08	17.5		6.00	27.5	781	2.15	39.3		11.00	28.3	1172	2.21	37.9	
1.10	7.9	1504	2.09	17.7		6.10	28.7	638	2.19	35.5		11.10	19.4	1085	2.26	39.4	
1.20	12.7	1478	2.12	18.9		6.20	27.7	613	2.20	36.0		11.20	11.9	1085	2.26	33.0	
1.30	19.2	1453	2.12	18.3		6.30	37.4	672	2.20	33.3		11.30	5.0	1562	2.25	28.5	
1.40	41.5	1218	2.12	17.0		6.40	40.3	848	2.18	33.5		11.40	5.3	1910	2.18	28.7	
1.50	50.3	1226	2.11	17.1		6.50	32.6	613	2.17	36.4		11.50	2.9	2127	2.17	27.4	
1.60	49.1	916	2.14	17.1		6.60	33.2	722	2.17	38.2		11.60	2.5	1823	2.16	27.7	
1.70	52.9	1151	2.16	16.5		6.70	33.1	731	2.18	38.3		11.70	1.6	2344	2.16	28.6	
1.80	52.1	1050	2.14	16.4		6.80	40.2	764	2.21	36.2		11.80	2.2	2951	2.14	26.5	
1.90	53.0	1151	2.05	16.1		6.90	37.0	664	2.19	35.2		11.90	7.2	2604		27.4	
2.00	43.8	974	1.97	17.3		7.00	37.7	638	2.17	34.4		12.00	8.4	2257		29.1	
2.10	49.0	1184	2.02	20.1		7.10	38.4	588	2.18	33.3		12.10	22.1	1649		33.4	
2.20	48.0	865	2.06	30.9		7.20	34.4	630	2.16	35.8		12.20	37.2	1042		34.5	
2.30	55.2	865	2.27	29.7		7.30	38.0	630	2.17	34.8		12.30	40.8				
2.40	56.4	899	2.31	23.9		7.40	40.1	680	2.21	37.1		12.40	46.4				
2.50	52.7	958	2.30	23.2		7.50	35.5	580	2.22	33.7							
2.60	54.1	1033	2.30	23.7		7.60	45.1	613	2.20	34.6							
2.70	55.4	941	2.34	24.6		7.70	39.7	596	2.17	31.7							
2.80	37.9	874	2.32	22.1		7.80	38.2	706	2.18	32.2							
2.90	38.2	781	2.31	23.3		7.90	40.4	680	2.18	35.0							
3.00	35.3	706	2.31	24.9		8.00	36.6	680	2.19	34.4							
3.10	38.0	722	2.25	22.6		8.10	35.4	546	2.21	34.8							
3.20	34.1	731	2.17	25.0		8.20	34.2	580	2.21	30.2							
3.30	25.3	790	2.13	33.8		8.30	30.0	731	2.22	32.0							
3.40	23.6	823	2.14	36.5		8.40	40.7	748	2.23	34.3							
3.50	25.0	840	2.13	37.3		8.50	41.4	538	2.22	30.6							
3.60	20.3	756	2.12	37.1		8.60	46.6	630	2.21	31.4							
3.70	21.6	672	2.08	37.1		8.70	42.1	664	2.23	32.2							
3.80	21.0	630	2.09	38.3		8.80	38.0	563	2.21	32.8							
3.90	18.7	563	2.10	40.8		8.90	38.3	706	2.23	30.7							
4.00	16.6	605	2.11	40.5		9.00	40.4	655	2.25	29.4							
4.10	19.3	916	2.11	37.3		9.10	42.4	764	2.25	30.1							
4.20	22.1	806	2.08	36.4		9.20	43.0	731	2.24	28.8							
4.30	20.0	689	2.08	41.3		9.30	41.9	697	2.24	28.7							
4.40	20.3	781	2.07	41.7		9.40	48.7	580	2.25	31.8							
4.50	17.6	706	2.11	39.3		9.50	40.7	538	2.24	30.3							
4.60	18.5	823	2.10	40.7		9.60	39.8	630	2.25	29.0							
4.70	17.0	815	2.10	37.2		9.70	38.9	655	2.25	29.7							
4.80	18.7	823	2.08	37.5		9.80	42.6	722	2.23	30.3							
4.90	17.0	815	2.09	38.7		9.90	42.7	731	2.22	29.4							
revision : 10-May-2005 – Ax																	

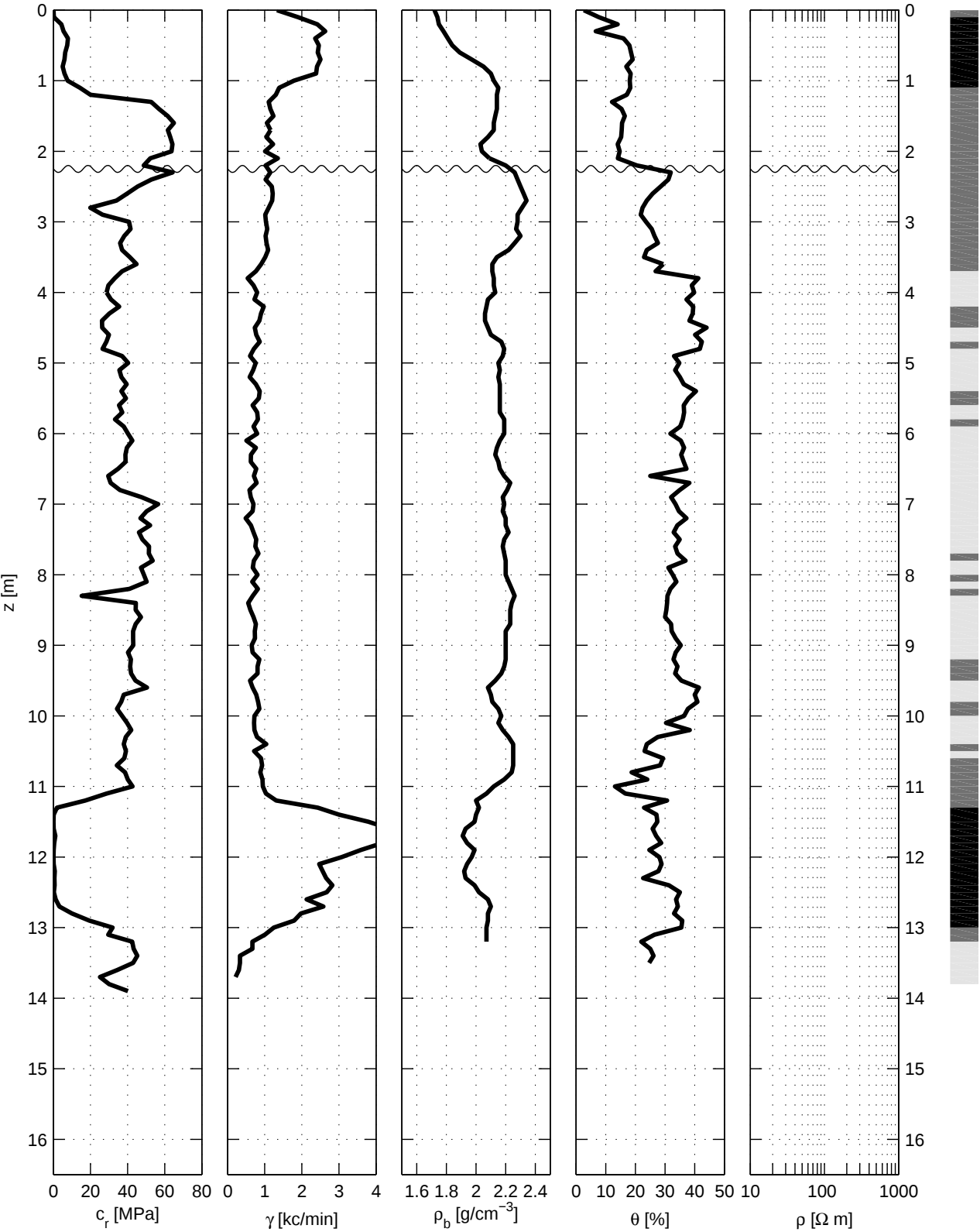


revision : 10-May-2005 – AxT

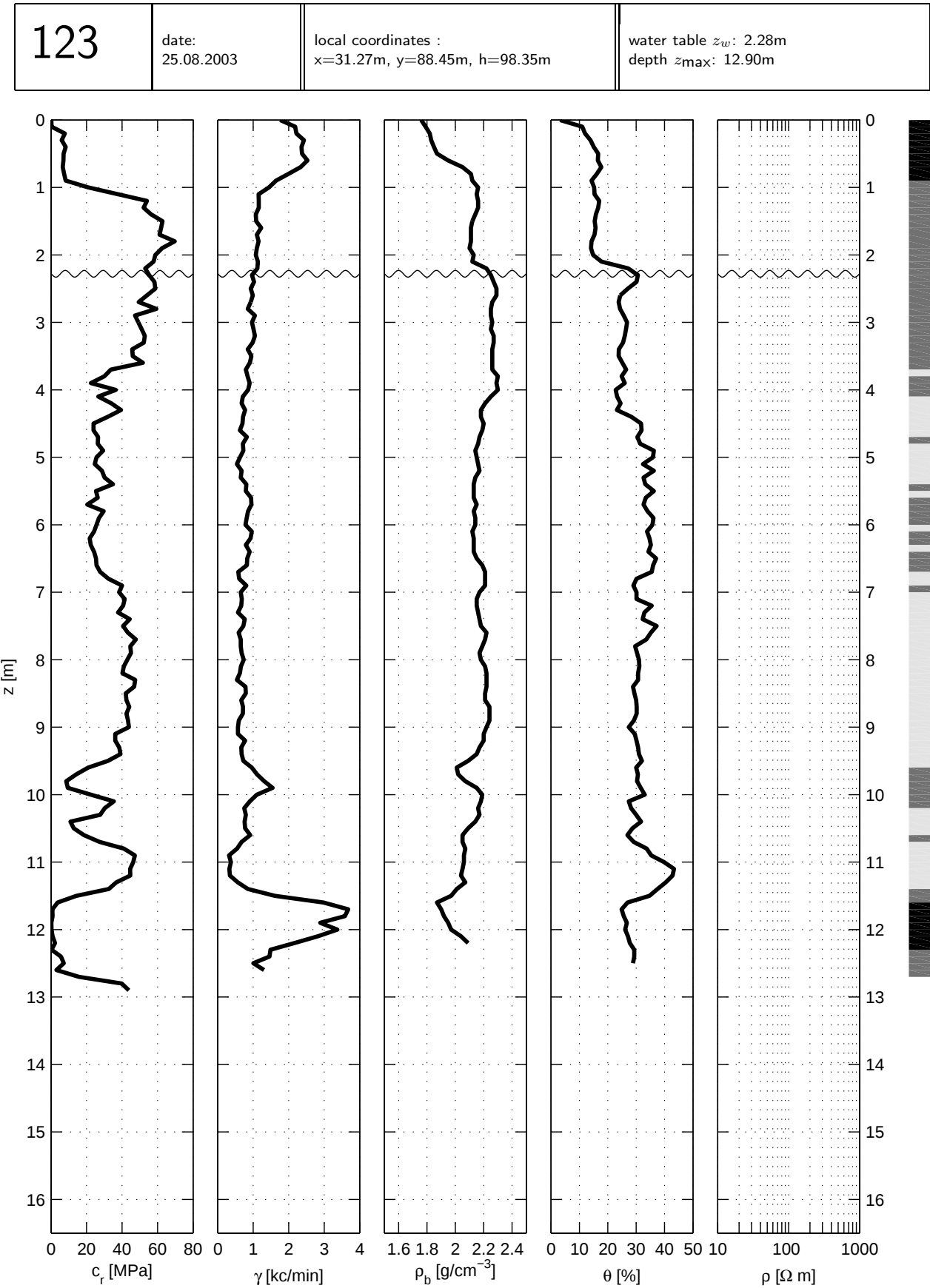


122		date: 25.08.2003		local coordinates : x=26.48m, y=88.74m, h=98.33m				water table z_w : 2.25m depth z_{max} : 13.90m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1327	1.72	2.6		5.00	40.3	756	2.15	34.8		10.00	37.0	722	2.17	36.4	
0.10		1898	1.74	7.7		5.10	35.6	689	2.16	33.4		10.10	39.7	714	2.15	30.3	
0.20	4.3	2419	1.75	14.0		5.20	36.6	596	2.15	35.0		10.20	42.0	722	2.18	38.3	
0.30	5.5	2629	1.78	6.6		5.30	39.5	764	2.16	36.3		10.30	39.0	790	2.22	27.5	
0.40	7.8	2360	1.81	16.0		5.40	36.6	865	2.16	40.4		10.40	37.9	1042	2.25	23.8	
0.50	7.4	2461	1.84	18.0		5.50	39.1	840	2.16	37.9		10.50	39.1	714	2.25	23.1	
0.60	6.4	2428	1.89	18.5		5.60	35.4	672	2.16	36.3		10.60	38.2	899	2.25	29.3	
0.70	6.0	2503	1.97	19.1		5.70	37.1	798	2.16	36.4		10.70	34.2	932	2.25	28.3	
0.80	5.0	2411	2.05	16.9		5.80	33.2	815	2.19	36.0		10.80	38.6	882	2.24	18.7	
0.90	6.0	2386	2.10	18.4		5.90	37.9	697	2.19	35.1		10.90	40.1	941	2.19	24.0	
1.00	7.6	1789	2.12	18.1		6.00	40.2	798	2.19	31.8		11.00	42.7	949	2.12	13.1	
1.10	14.4	1386	2.15	18.3		6.10	42.6	504	2.16	35.3		11.10	28.7	1033	2.07	16.6	
1.20	20.0	1302	2.14	17.1		6.20	39.6	764	2.14	36.4		11.20	17.2	1310	2.00	30.7	
1.30	52.7	1109	2.14	12.1		6.30	38.8	630	2.13	35.4		11.30	1.9	2428	2.02	22.9	
1.40	56.9	1151	2.14	15.3		6.40	38.9	622	2.15	36.3		11.40		2999	2.00	27.1	
1.50	61.6	1235	2.13	16.4		6.50	34.9	773	2.16	37.2		11.50		3797	1.99	27.4	
1.60	65.0	1058	2.12	15.5		6.60	29.5	706	2.19	25.0		11.60		4368	1.93	25.8	
1.70	61.7	1159	2.12	15.4		6.70	30.8	781	2.23	38.2		11.70		4360	1.91	27.0	
1.80	63.0	1042	2.08	15.2		6.80	35.9	588	2.21	34.9		11.80		4175	1.94	28.7	
1.90	64.2	1226	2.03	14.0		6.90	47.5	622	2.18	32.0		11.90		3595	1.99	24.7	
2.00	63.7	1008	2.04	14.7		7.00	56.5	697	2.19	33.5		12.00		3074	1.97	28.1	
2.10	52.2	1352	2.09	14.1		7.10	50.3	672	2.18	34.7		12.10		2470	1.94	28.8	
2.20	48.7	1025	2.20	20.5		7.20	46.9	487	2.20	37.2		12.20		2562	1.92	27.8	
2.30	64.3	1151	2.26	31.9		7.30	52.1	630	2.20	34.1		12.30		2654	1.93	22.6	
2.40	52.8	1025	2.28	31.1		7.40	46.1	697	2.22	32.9		12.40		2825	1.99	31.3	
2.50	45.4	1193	2.30	28.5		7.50	48.0	773	2.19	34.9		12.50		2673	2.02	35.0	
2.60	39.7	1218	2.32	25.8		7.60	51.5	748	2.18	33.4		12.60	1.2	2127	2.08	33.7	
2.70	34.0	1201	2.34	23.8		7.70	51.4	832	2.19	34.2		12.70	3.2	2582	2.10	34.3	
2.80	19.9	1109	2.31	22.4		7.80	53.5	706	2.20	36.9		12.80	10.0	1975	2.08	33.0	
2.90	26.5	1016	2.28	21.8		7.90	47.2	680	2.20	31.1		12.90	19.4	1793	2.08	35.8	
3.00	40.8	1033	2.28	23.6		8.00	48.8	806	2.20	32.6		13.00	31.9	1245	2.07	35.5	
3.10	41.6	1067	2.27	25.5		8.10	50.3	664	2.22	33.8		13.10	29.5	1002	2.07	26.4	
3.20	38.2	1025	2.30	26.4		8.20	41.0	815	2.24	31.8		13.20	42.5	668	2.07	22.0	
3.30	36.0	1050	2.26	27.6		8.30	15.2	680	2.26	30.8		13.30	43.3	668		25.0	
3.40	37.0	1092	2.22	23.8		8.40	44.4	554	2.24	30.7		13.40	45.2	334		26.1	
3.50	41.2	1016	2.14	22.9		8.50	44.3	613	2.23	30.4		13.50	43.0	334		24.6	
3.60	44.8	907	2.11	29.4		8.60	47.2	697	2.23	30.0		13.60	34.4	304			
3.70	37.0	764	2.11	26.8		8.70	44.3	764	2.23	32.0		13.70	25.1	213			
3.80	33.1	538	2.12	41.2		8.80	43.0	731	2.20	32.2		13.80	30.0				
3.90	29.6	697	2.12	39.0		8.90	43.0	739	2.20	33.6		13.90	40.2				
4.00	28.7	798	2.13	39.8		9.00	43.1	647	2.20	35.3							
4.10	31.0	722	2.08	37.2		9.10	40.2	672	2.20	33.6							
4.20	35.5	974	2.07	39.5		9.20	41.8	857	2.20	32.8							
4.30	30.1	899	2.06	39.3		9.30	41.4	806	2.19	34.2							
4.40	26.2	857	2.06	38.2		9.40	41.9	806	2.17	33.4							
4.50	26.3	731	2.08	44.0		9.50	44.2	605	2.13	35.5							
4.60	29.9	773	2.10	40.1		9.60	50.5	672	2.08	41.4							
4.70	28.6	865	2.17	42.4		9.70	37.9	773	2.10	40.0							
4.80	26.5	706	2.19	41.7		9.80	36.5	823	2.11	40.9							
4.90	37.0	605	2.18	33.0		9.90	34.3	857	2.15	37.7							
revision : 10-May-2005 – AxT																	

122	date: 25.08.2003	local coordinates : x=26.48m, y=88.74m, h=98.33m	water table z_w : 2.25m depth $z_{\max}$: 13.90m
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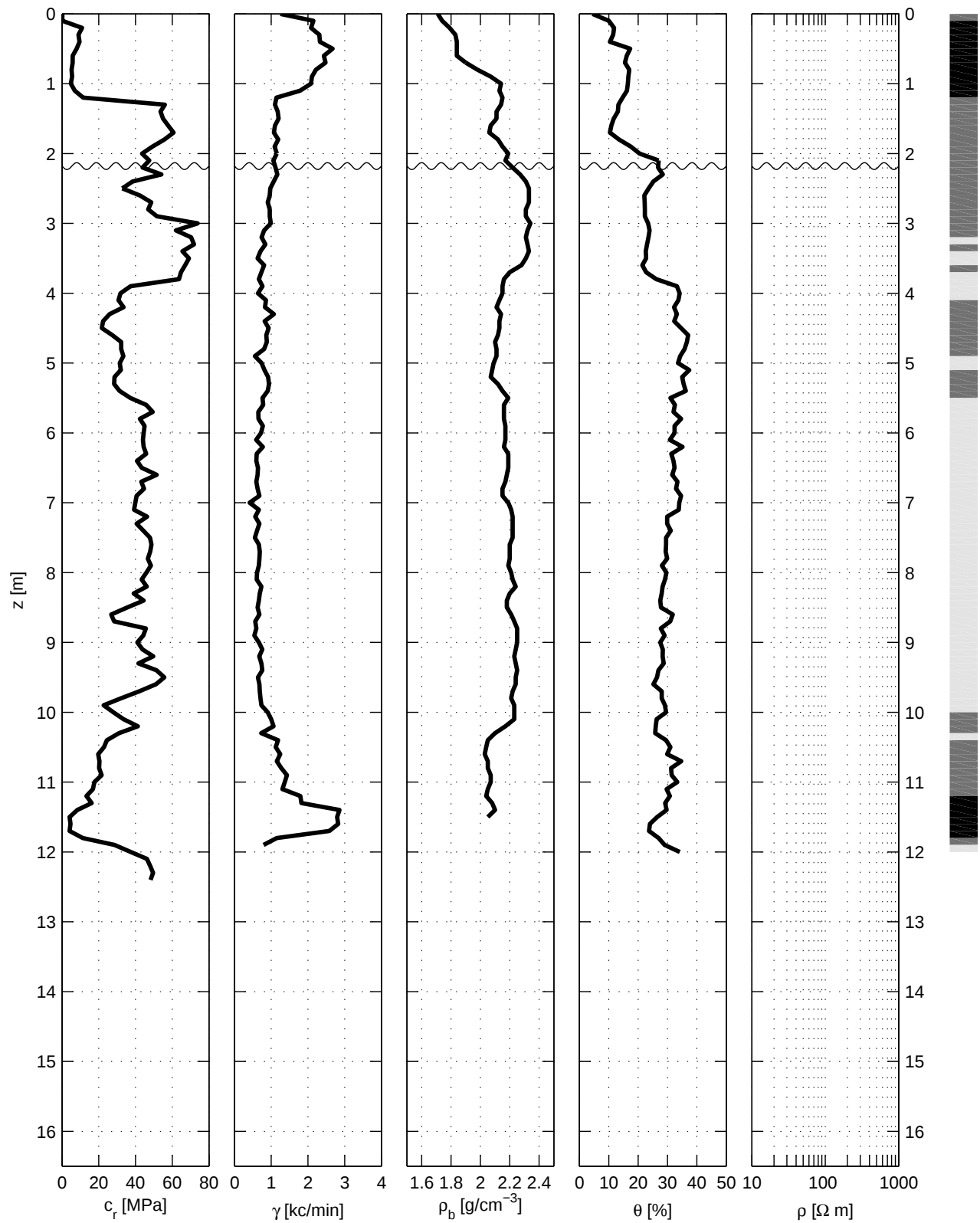


123		date: 25.08.2003		local coordinates : x=31.27m, y=88.45m, h=98.35m				water table z_w : 2.28m depth z_{max} : 12.90m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1756	1.76	3.2		5.00	25.6	630	2.15	35.9		10.00	22.4	1100	2.19	33.0	
0.10		2184	1.79	11.0		5.10	24.6	538	2.16	32.4		10.10	35.4	907	2.18	27.4	
0.20	7.7	2218	1.82	12.0		5.20	28.7	672	2.17	36.2		10.20	30.2	748	2.16	28.2	
0.30	6.0	2428	1.83	13.9		5.30	30.1	647	2.14	32.6		10.30	27.7	790	2.17	30.0	
0.40	8.2	2360	1.85	15.1		5.40	34.9	806	2.13	33.2		10.40	10.9	756	2.14	31.7	
0.50	7.1	2377	1.87	16.6		5.50	25.3	790	2.13	36.2		10.50	12.8	773	2.09	28.7	
0.60	7.0	2528	1.95	16.5		5.60	26.3	941	2.13	33.4		10.60	18.5	916	2.05	26.9	
0.70	6.6	2335	2.05	17.7		5.70	20.4	949	2.15	32.6		10.70	27.4	672	2.05	29.1	
0.80	7.3	1991	2.11	16.1		5.80	29.6	857	2.13	34.0		10.80	41.0	546	2.07	33.7	
0.90	8.2	1646	2.12	14.3		5.90	27.0	815	2.14	36.1		10.90	47.2	319	2.06	35.3	
1.00	21.0	1445	2.16	15.2		6.00	25.6	781	2.14	35.7		11.00	46.3	370	2.06	39.8	
1.10	37.7	1151	2.15	15.3		6.10	24.2	958	2.12	33.8		11.10	44.5	328	2.05	43.3	
1.20	54.0	1159	2.16	17.0		6.20	21.8	924	2.13	34.7		11.20	44.6	344	2.04	42.8	
1.30	52.1	1159	2.16	16.6		6.30	22.3	790	2.13	35.2		11.30	36.7	563	2.07	40.4	
1.40	56.4	1075	2.14	15.8		6.40	24.2	899	2.13	34.3		11.40	32.5	850	2.01	37.5	
1.50	62.8	1084	2.12	15.4		6.50	25.3	832	2.15	37.0		11.50	14.3	1610	1.97	34.7	
1.60	62.0	1226	2.11	15.7		6.60	25.6	823	2.19	36.0		11.60	3.7	2977	1.87	27.0	
1.70	61.1	1100	2.11	15.3		6.70	27.7	580	2.21	35.5		11.70		3676	1.90	24.9	
1.80	69.7	1151	2.11	14.3		6.80	32.3	605	2.21	30.1		11.80		3585	1.92	25.6	
1.90	62.6	1100	2.10	14.1		6.90	40.0	806	2.21	29.0		11.90		2886	1.95	26.7	
2.00	58.7	1075	2.13	14.8		7.00	38.3	647	2.17	30.1		12.00		3372	1.97	26.1	
2.10	57.8	1134	2.12	17.8		7.10	41.5	680	2.15	30.1		12.10		2825	2.04	27.1	
2.20	53.0	1117	2.22	27.2		7.20	40.6	664	2.15	35.5		12.20	2.2	2157	2.09	27.8	
2.30	55.3	966	2.25	30.6		7.30	37.7	571	2.16	32.9		12.30		1489		29.3	
2.40	58.2	1025	2.27	30.1		7.40	44.3	764	2.17	32.3		12.40	5.6	1458		29.3	
2.50	58.7	932	2.29	27.1		7.50	40.6	722	2.18	37.2		12.50	7.2	1002		28.9	
2.60	54.0	991	2.29	24.4		7.60	43.3	588	2.22	35.2		12.60	3.0	1306			
2.70	49.4	932	2.26	23.8		7.70	47.8	647	2.21	33.6		12.70	15.7				
2.80	59.3	848	2.25	24.3		7.80	44.6	647	2.19	29.6		12.80	39.8				
2.90	47.3	1050	2.25	25.6		7.90	45.0	672	2.17	30.3		12.90	43.8				
3.00	49.2	966	2.26	26.8		8.00	43.0	731	2.18	31.0							
3.10	51.0	1008	2.25	26.4		8.10	41.0	655	2.21	31.1							
3.20	52.8	1050	2.27	26.0		8.20	40.2	622	2.22	30.7							
3.30	52.2	983	2.27	25.4		8.30	47.4	538	2.22	30.7							
3.40	45.7	848	2.26	23.9		8.40	46.8	781	2.22	28.9							
3.50	46.0	949	2.26	23.8		8.50	42.1	790	2.21	29.4							
3.60	51.7	907	2.26	25.1		8.60	42.5	664	2.21	30.0							
3.70	33.7	790	2.26	26.5		8.70	44.0	714	2.24	30.2							
3.80	30.0	840	2.30	24.9		8.80	42.5	706	2.24	30.2							
3.90	22.4	899	2.29	26.0		8.90	43.4	596	2.24	29.2							
4.00	36.4	857	2.30	22.8		9.00	43.8	571	2.22	27.4							
4.10	26.6	706	2.25	23.3		9.10	36.2	571	2.20	29.5							
4.20	34.0	672	2.21	24.5		9.20	36.2	773	2.20	30.1							
4.30	39.4	773	2.18	23.2		9.30	38.4	664	2.17	30.7							
4.40	31.9	714	2.18	28.3		9.40	39.1	672	2.15	31.0							
4.50	23.9	697	2.20	31.7		9.50	32.0	722	2.09	32.0							
4.60	23.9	622	2.19	31.9		9.60	21.0	958	2.01	30.0							
4.70	26.5	823	2.17	30.4		9.70	14.2	1109	2.02	30.6							
4.80	26.3	706	2.16	31.4		9.80	8.5	1310	2.07	30.3							
4.90	29.3	722	2.14	36.2		9.90	9.4	1546	2.15	31.6							
revision : 10-May-2005 – AxT																	

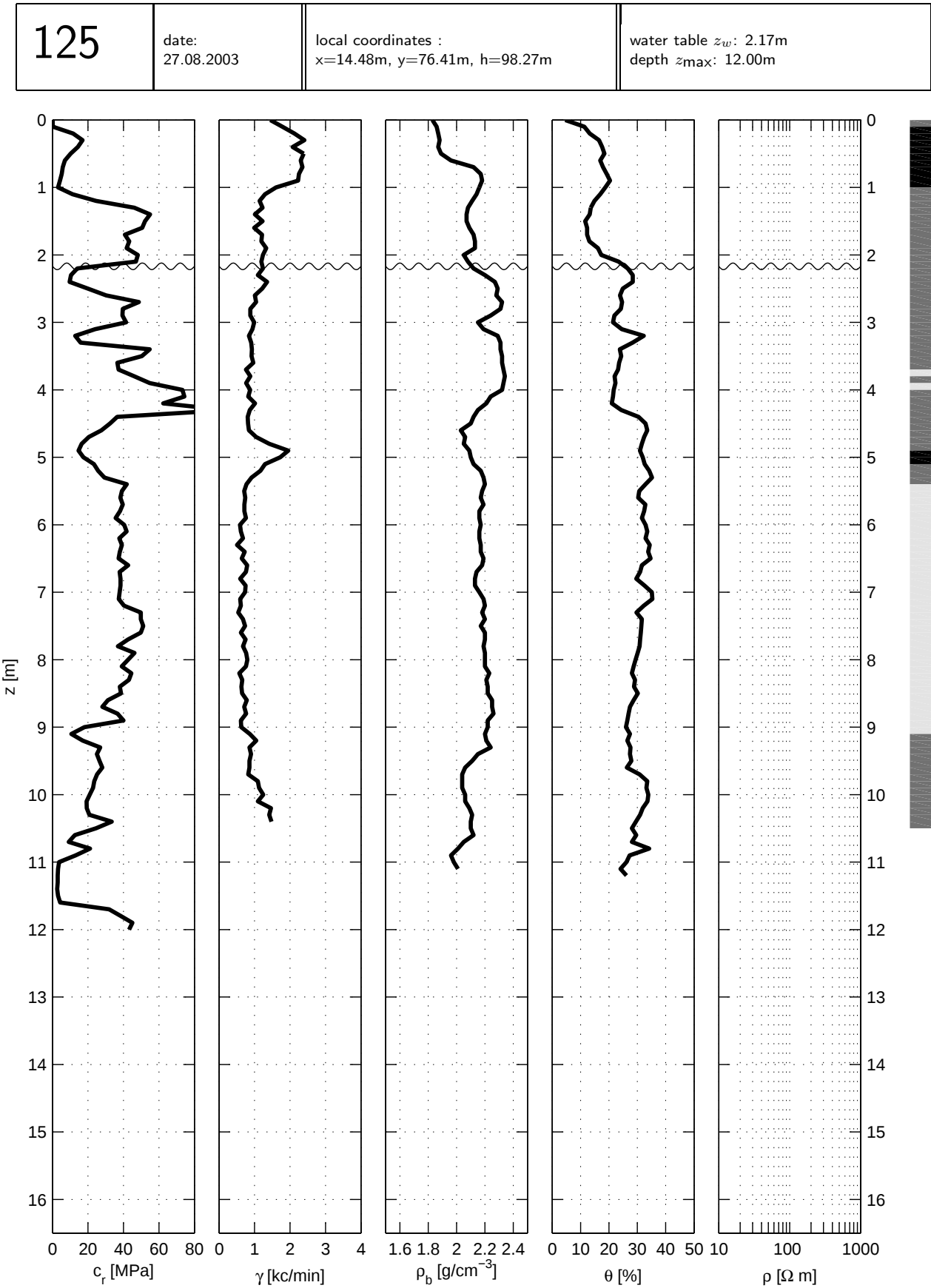


124		date: 27.08.2003		local coordinates : x=14.50m, y=89.38m, h=98.26m				water table z_w : 2.18m depth $z_{\max}$: 12.40m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1252	1.71	4.5		5.00	31.4	739	2.09	33.6		10.00	28.0	907	2.23	29.5	
0.10		2150	1.74	10.0		5.10	32.0	815	2.08	37.4		10.10	33.5	1000	2.23	26.3	
0.20	10.9	2083	1.79	11.8		5.20	28.6	916	2.07	35.0		10.20	41.3	1063	2.17	26.0	
0.30	8.9	2310	1.83	11.5		5.30	28.4	941	2.12	35.5		10.30	31.0	729	2.10	25.8	
0.40	9.5	2327	1.84	10.4		5.40	31.3	907	2.15	36.2		10.40	24.4	1185	2.05	29.5	
0.50	7.9	2671	1.84	17.3		5.50	37.2	764	2.19	31.0		10.50	22.8	1124	2.04	31.0	
0.60	5.8	2436	1.84	16.1		5.60	45.8	781	2.16	32.5		10.60	19.7	1245	2.03	29.9	
0.70	5.8	2478	1.90	15.5		5.70	49.4	647	2.16	32.0		10.70	20.4	1154	2.05	34.7	
0.80	5.2	2218	1.98	17.0		5.80	42.4	655	2.16	34.6		10.80	20.2	1276	2.05	31.2	
0.90	5.5	2108	2.07	16.7		5.90	44.9	773	2.17	32.4		10.90	21.6	1428	2.07	31.4	
1.00	4.8	2083	2.14	16.5		6.00	44.4	722	2.17	32.4		11.00	17.6	1367	2.07	33.3	
1.10	7.0	1781	2.13	16.2		6.10	44.0	588	2.17	30.8		11.10	16.8	1306	2.05	29.7	
1.20	11.5	1142	2.15	14.7		6.20	44.4	773	2.16	35.1		11.20	13.3	1793	2.04	30.8	
1.30	56.0	1100	2.14	13.3		6.30	45.8	605	2.19	31.3		11.30	16.1	1823	2.08	29.2	
1.40	53.6	1176	2.11	13.1		6.40	40.8	596	2.19	32.0		11.40	8.3	2856	2.10	29.7	
1.50	55.0	1201	2.11	11.7		6.50	43.4	638	2.19	32.4		11.50	4.1	2795	2.05	26.5	
1.60	57.8	1100	2.07	10.9		6.60	51.5	630	2.18	31.6		11.60	4.6	2825		24.0	
1.70	60.7	1075	2.06	10.4		6.70	43.2	596	2.17	33.4		11.70	4.1	2582		23.7	
1.80	55.8	1193	2.12	13.5		6.80	44.6	630	2.15	32.9		11.80	11.3	1154		27.0	
1.90	49.3	1092	2.15	17.5		6.90	40.6	680	2.15	34.6		11.90	28.6	790		29.0	
2.00	43.6	1151	2.19	20.5		7.00	39.9	412	2.19	34.0		12.00	37.4			34.2	
2.10	47.5	1058	2.17	27.0		7.10	39.2	664	2.21	33.8		12.10	46.2				
2.20	43.8	1117	2.22	26.8		7.20	46.3	563	2.22	29.9		12.20	48.0				
2.30	54.1	1168	2.27	28.4		7.30	40.6	680	2.22	29.9		12.30	49.6				
2.40	38.4	1067	2.31	25.2		7.40	44.2	613	2.22	31.1		12.40	48.2				
2.50	32.8	974	2.33	23.6		7.50	47.9	554	2.22	29.5							
2.60	42.4	958	2.33	22.1		7.60	48.7	664	2.20	29.5							
2.70	48.6	907	2.33	22.2		7.70	48.0	689	2.20	29.4							
2.80	46.9	958	2.31	22.3		7.80	46.7	680	2.20	29.9							
2.90	51.6	958	2.31	22.3		7.90	48.4	664	2.19	28.1							
3.00	73.8	991	2.34	23.4		8.00	45.9	613	2.21	29.6							
3.10	62.0	806	2.32	23.9		8.10	43.4	605	2.22	29.1							
3.20	70.3	739	2.31	23.5		8.20	46.1	731	2.24	28.3							
3.30	71.9	840	2.32	23.0		8.30	39.0	689	2.20	28.0							
3.40	65.5	706	2.33	22.6		8.40	44.4	664	2.18	27.5							
3.50	69.1	630	2.31	22.7		8.50	35.6	630	2.18	27.8							
3.60	67.0	806	2.28	21.4		8.60	26.8	680	2.21	31.8							
3.70	64.8	731	2.20	22.7		8.70	28.4	563	2.23	30.9							
3.80	63.7	664	2.16	26.2		8.80	45.6	596	2.25	27.7							
3.90	37.3	764	2.15	33.2		8.90	44.2	538	2.25	29.0							
4.00	31.8	638	2.15	34.1		9.00	41.0	664	2.25	27.5							
4.10	30.7	857	2.13	33.7		9.10	43.8	756	2.24	28.4							
4.20	33.5	832	2.11	32.2		9.20	49.7	672	2.23	28.3							
4.30	25.9	1075	2.14	33.2		9.30	41.6	731	2.24	28.7							
4.40	22.3	823	2.13	32.3		9.40	51.4	756	2.25	26.9							
4.50	21.7	932	2.13	34.6		9.50	55.7	638	2.24	26.4							
4.60	27.4	865	2.12	37.0		9.60	51.1	680	2.24	25.2							
4.70	32.2	882	2.10	36.6		9.70	42.1	689	2.22	28.0							
4.80	32.2	806	2.11	35.8		9.80	32.0	706	2.21	28.0							
4.90	33.4	554	2.11	34.3		9.90	22.6	731	2.23	29.1							
revision : 10-May-2005 – AxT																	

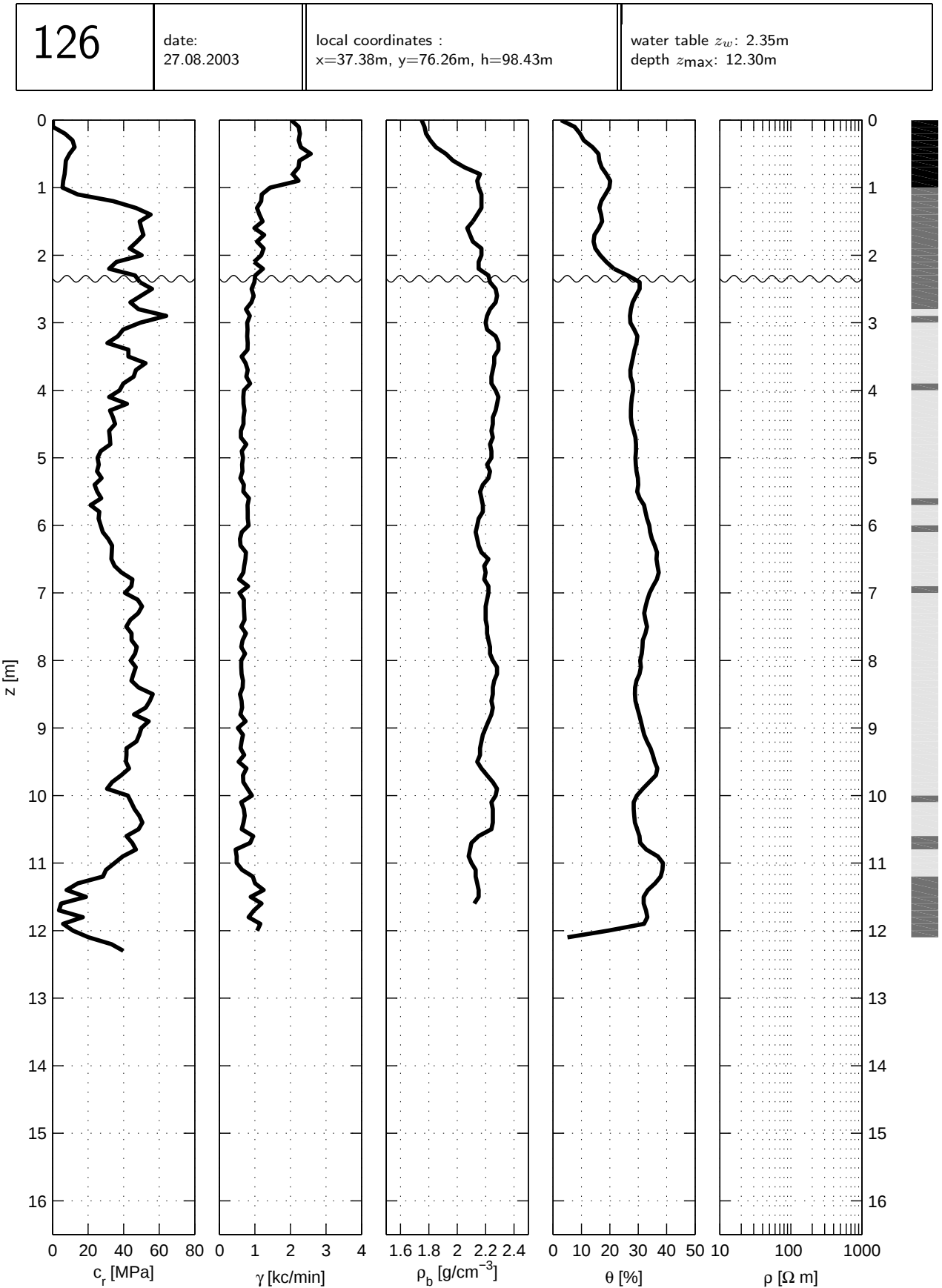
124	date: 27.08.2003	local coordinates : x=14.50m, y=89.38m, h=98.26m	water table z_w : 2.18m depth $z_{\max}$: 12.40m
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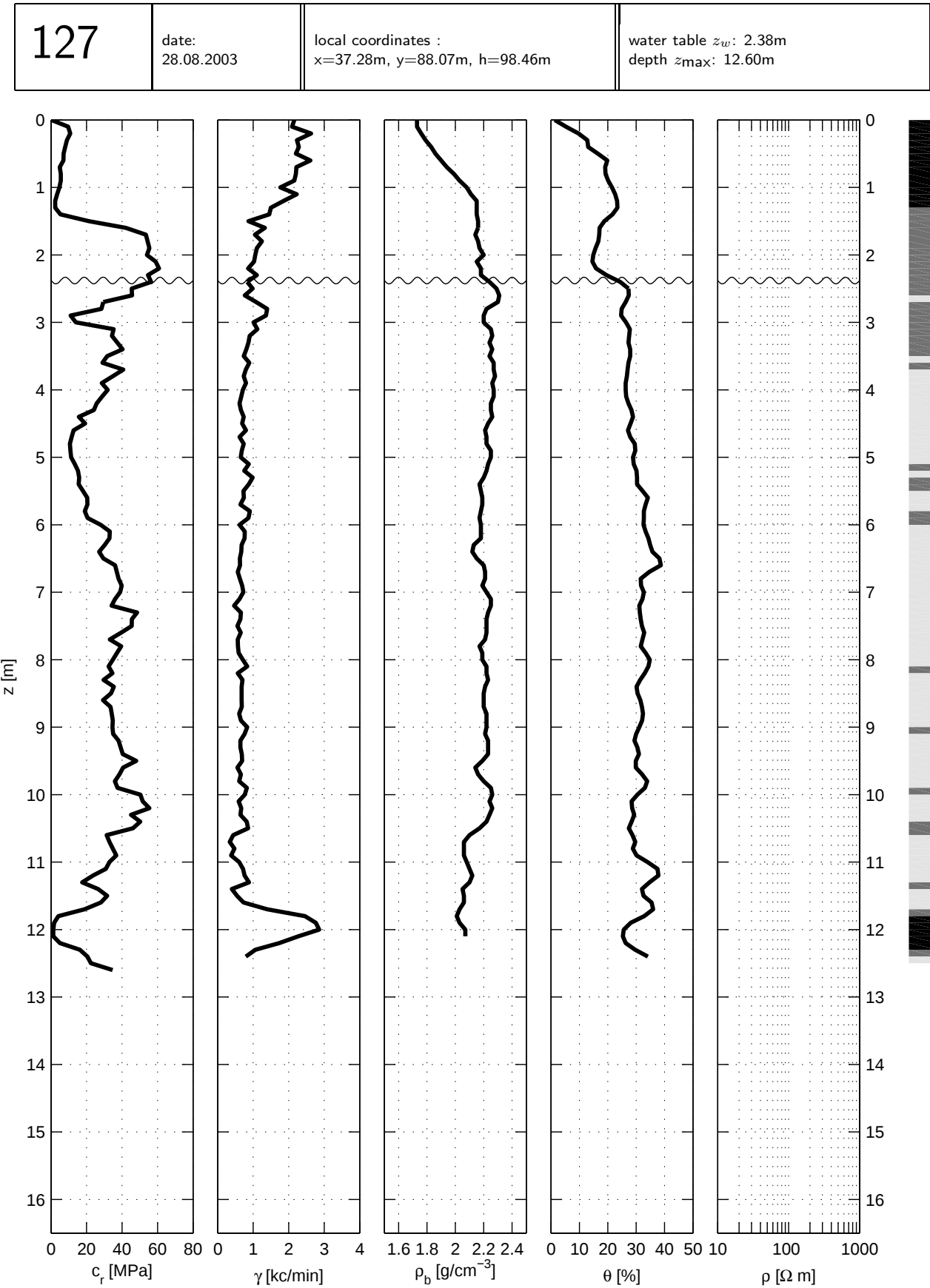
revision : 10-May-2005 – AxT



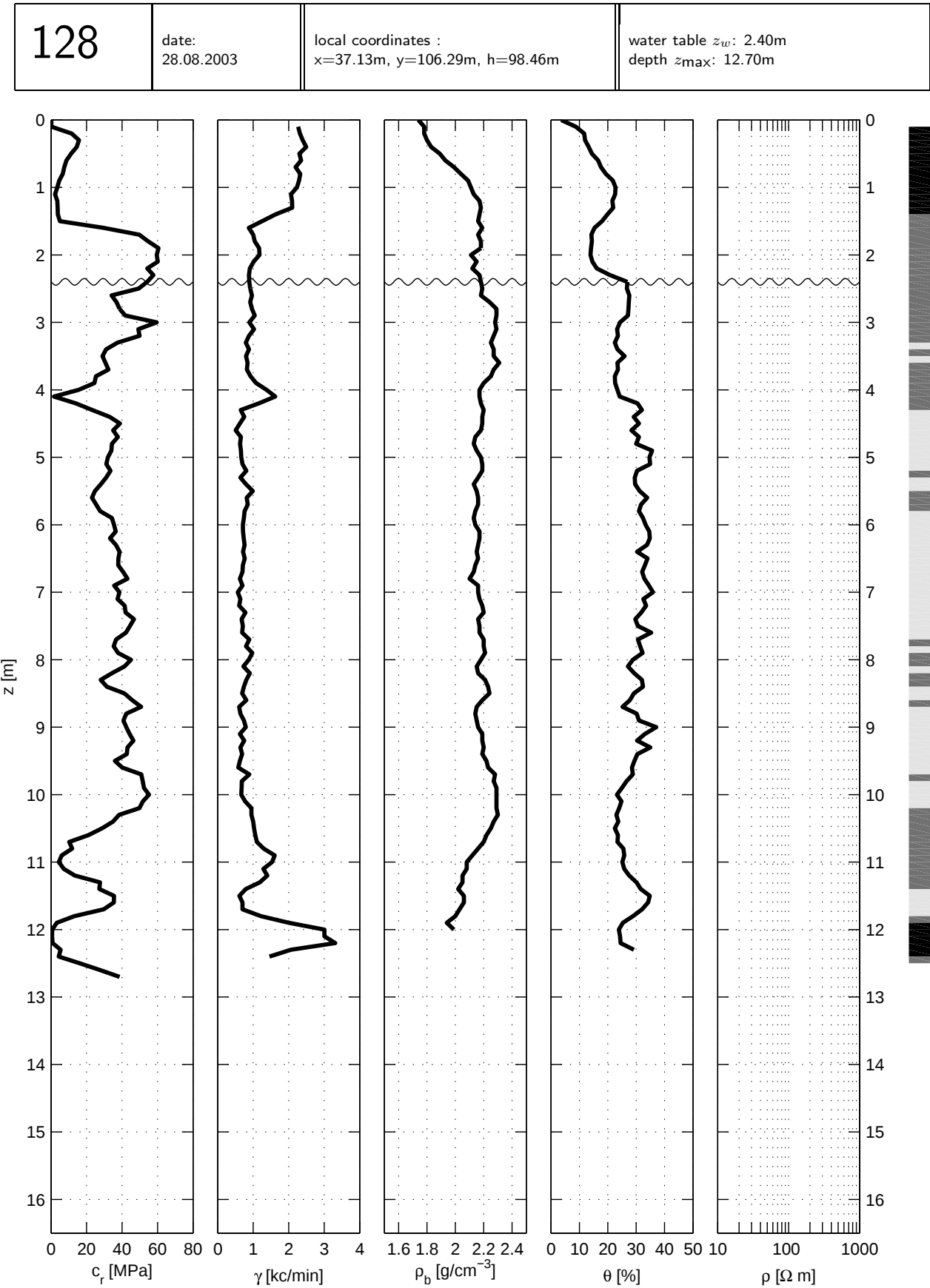
126		date: 27.08.2003		local coordinates : x=37.38m, y=76.26m, h=98.43m				water table z_w : 2.35m depth z_{max} : 12.30m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		2024	1.75	2.8		5.00	25.3	664	2.24	29.0		10.00	42.4	916	2.27	29.5	
0.10		2234	1.77	7.6		5.10	26.0	638	2.21	29.1		10.10	44.2	613	2.24	28.4	
0.20	7.0	2268	1.78	9.5		5.20	25.0	647	2.23	29.4		10.20	46.1	689	2.25	28.4	
0.30	11.2	2234	1.81	10.8		5.30	27.6	588	2.22	29.9		10.30	48.8	714	2.25	28.6	
0.40	12.4	2293	1.85	13.9		5.40	23.6	689	2.18	30.0		10.40	50.6	680	2.25	28.8	
0.50	9.5	2570	1.92	16.0		5.50	25.1	672	2.16	29.6		10.50	48.4	630	2.24	29.6	
0.60	7.4	2251	1.97	16.3		5.60	27.4	832	2.17	30.5		10.60	41.6	949	2.15	30.4	
0.70	7.2	2226	2.05	17.1		5.70	21.4	790	2.18	32.0		10.70	44.8	865	2.10	30.7	
0.80	6.8	2066	2.16	18.8		5.80	26.3	798	2.18	32.5		10.80	46.9	456	2.09	32.8	
0.90	6.0	2226	2.14	20.1		5.90	25.9	798	2.15	33.1		10.90	39.5	486	2.08	36.9	
1.00	5.6	1428	2.15	19.8		6.00	27.1	823	2.14	33.9		11.00	34.9	486	2.10	38.7	
1.10	14.2	1193	2.17	18.4		6.10	28.3	630	2.13	34.2		11.10	30.0	638	2.13	38.5	
1.20	34.1	1176	2.17	17.0		6.20	31.3	580	2.14	34.8		11.20	28.4	941	2.13	37.9	
1.30	46.9	1058	2.17	16.3		6.30	33.5	596	2.15	35.8		11.30	14.2	1002	2.14	35.9	
1.40	55.2	1126	2.14	16.9		6.40	33.3	748	2.17	36.6		11.40	7.8	1245	2.15	33.4	
1.50	49.0	1218	2.11	17.3		6.50	33.1	731	2.22	36.4		11.50	18.8	881	2.15	31.9	
1.60	50.0	983	2.07	16.1		6.60	34.9	697	2.19	36.8		11.60	4.8	1185	2.12	31.9	
1.70	51.1	1260	2.09	14.6		6.70	38.8	672	2.20	37.2		11.70	3.6	972		32.7	
1.80	47.5	1058	2.11	14.3		6.80	44.9	554	2.19	36.5		11.80	17.0	820		33.2	
1.90	43.4	1243	2.17	14.9		6.90	44.3	806	2.22	35.2		11.90	5.9	1154		32.0	
2.00	50.2	1176	2.17	16.6		7.00	40.7	563	2.22	34.0		12.00	11.5	1063		19.3	
2.10	36.0	974	2.15	18.8		7.10	47.9	689	2.21	33.2		12.10	20.3			5.1	
2.20	31.8	1226	2.15	21.4		7.20	50.4	689	2.20	32.6		12.20	33.1				
2.30	46.4	1008	2.22	26.3		7.30	48.2	697	2.20	32.1		12.30	39.8				
2.40	49.2	983	2.23	30.5		7.40	43.7	706	2.20	32.5							
2.50	56.0	907	2.27	30.5		7.50	41.5	613	2.21	33.1							
2.60	49.8	966	2.28	29.2		7.60	44.4	748	2.21	32.5							
2.70	43.7	899	2.27	28.0		7.70	44.4	655	2.22	31.6							
2.80	48.4	748	2.23	27.4		7.80	47.4	613	2.23	31.5							
2.90	64.0	857	2.21	27.1		7.90	46.4	722	2.23	31.2							
3.00	49.3	781	2.20	27.2		8.00	43.9	613	2.25	30.7							
3.10	39.7	790	2.21	28.6		8.10	46.8	613	2.28	30.9							
3.20	36.7	781	2.27	29.7		8.20	45.5	622	2.28	30.4							
3.30	30.8	798	2.29	29.4		8.30	44.3	664	2.26	29.4							
3.40	42.7	790	2.29	28.7		8.40	48.4	655	2.25	28.9							
3.50	42.7	622	2.26	28.2		8.50	56.4	580	2.25	28.8							
3.60	52.3	739	2.26	27.7		8.60	54.7	622	2.24	29.0							
3.70	46.9	798	2.25	27.2		8.70	52.4	638	2.25	29.6							
3.80	45.6	756	2.24	27.3		8.80	45.8	588	2.24	30.3							
3.90	39.8	865	2.24	28.0		8.90	54.1	739	2.22	30.9							
4.00	37.7	689	2.27	28.2		9.00	50.0	521	2.20	31.5							
4.10	31.8	672	2.29	27.8		9.10	48.8	664	2.18	32.1							
4.20	41.9	680	2.28	27.5		9.20	47.2	622	2.17	33.1							
4.30	32.3	706	2.27	27.4		9.30	41.6	596	2.16	34.3							
4.40	34.0	680	2.25	27.4		9.40	41.6	697	2.16	35.1							
4.50	35.2	680	2.25	27.7		9.50	41.3	538	2.14	35.8							
4.60	31.8	605	2.24	28.4		9.60	43.1	764	2.17	36.7							
4.70	32.2	605	2.25	29.0		9.70	38.6	664	2.21	36.2							
4.80	32.5	756	2.23	29.2		9.80	33.5	672	2.25	33.9							
4.90	27.1	630	2.24	29.2		9.90	30.6	790	2.28	31.6							
revision : 10-May-2005 – AxT																	



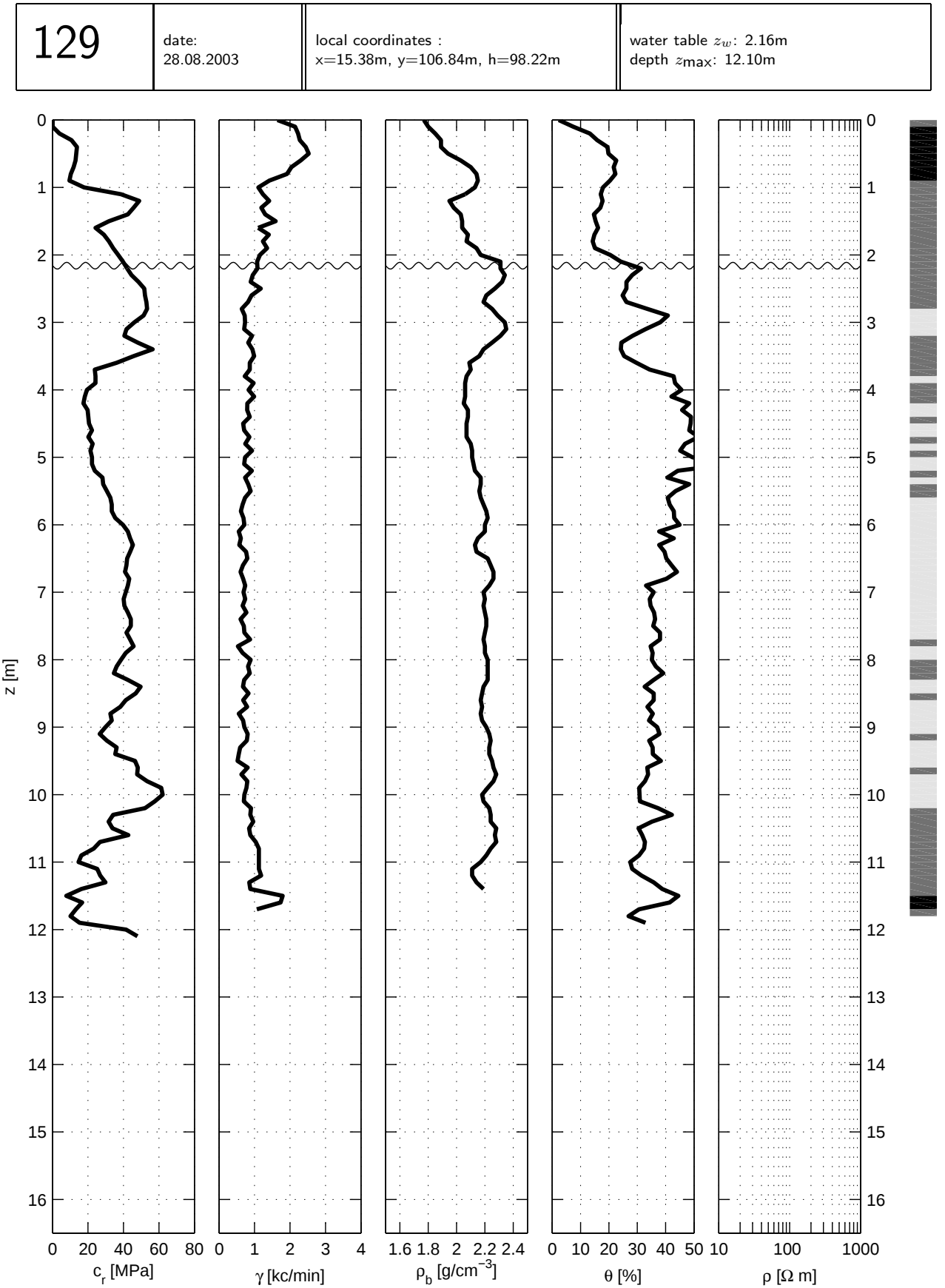
127		date: 28.08.2003		local coordinates : x=37.28m, y=88.07m, h=98.46m				water table z_w : 2.38m depth z_{max} : 12.60m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		2159	1.73	1.3		5.00	11.3	647	2.25	28.9		10.00	50.4	764	2.26	30.4	
0.10	9.6	2092	1.73	5.3		5.10	13.4	874	2.23	29.1		10.10	51.6	588	2.24	28.4	
0.20	10.8	2629	1.76	9.7		5.20	15.1	748	2.22	30.1		10.20	55.4	664	2.26	28.6	
0.30	8.9	2234	1.79	12.8		5.30	15.8	983	2.20	30.3		10.30	45.0	638	2.24	29.3	
0.40	7.9	2285	1.83	13.1		5.40	15.5	874	2.17	30.3		10.40	50.3	815	2.22	28.4	
0.50	7.1	2201	1.86	16.5		5.50	18.0	722	2.18	32.3		10.50	46.1	857	2.17	27.4	
0.60	7.0	2612	1.90	19.8		5.60	20.4	739	2.19	34.1		10.60	31.3	437	2.10	28.7	
0.70	4.9	2218	1.94	19.1		5.70	20.5	638	2.19	33.3		10.70	32.9	336	2.06	29.7	
0.80	5.5	2201	1.99	19.2		5.80	19.0	907	2.18	32.7		10.80	34.8	470	2.06	28.8	
0.90	5.5	2159	2.03	20.1		5.90	20.6	865	2.17	32.7		10.90	36.7	378	2.06	30.1	
1.00	4.7	1764	2.08	21.5		6.00	28.0	613	2.18	32.6		11.00	32.9	605	2.08	34.0	
1.10	3.4	2226	2.11	22.6		6.10	33.1	764	2.18	33.3		11.10	30.8	714	2.10	37.5	
1.20	2.3	1856	2.15	23.3		6.20	32.9	756	2.18	34.3		11.20	23.6	759	2.12	37.8	
1.30	2.3	1495	2.15	23.4		6.30	30.2	672	2.13	34.9		11.30	17.5	881	2.10	34.7	
1.40	5.3	1453	2.15	21.7		6.40	27.1	664	2.12	35.7		11.40	26.5	395	2.05	32.0	
1.50	21.4	865	2.16	18.8		6.50	29.4	622	2.15	38.2		11.50	31.6	547	2.06	32.6	
1.60	42.1	1327	2.16	17.1		6.60	36.1	630	2.20	38.7		11.60	28.1	729	2.06	35.4	
1.70	53.4	1050	2.14	17.0		6.70	37.0	563	2.21	34.6		11.70	18.8	1397	2.03	36.0	
1.80	54.4	1243	2.16	16.7		6.80	38.0	622	2.21	31.6		11.80	4.1	2460	2.01	32.8	
1.90	55.4	1100	2.17	15.7		6.90	39.8	689	2.19	31.7		11.90	1.7	2764	2.03	28.1	
2.00	54.0	1058	2.20	14.9		7.00	38.9	722	2.22	32.7		12.00	1.2	2856	2.07	25.6	
2.10	58.9	1025	2.15	14.6		7.10	36.1	613	2.25	32.2		12.10	1.2	2278	2.07	25.3	
2.20	60.8	857	2.18	15.9		7.20	34.1	462	2.25	31.1		12.20	5.0	1732		26.3	
2.30	54.6	1100	2.18	19.5		7.30	48.5	655	2.23	31.3		12.30	16.2	1063		29.6	
2.40	56.4	832	2.24	24.4		7.40	45.5	638	2.22	31.6		12.40	20.5	790		34.1	
2.50	45.4	983	2.29	27.3		7.50	45.4	554	2.22	32.0		12.50	22.4				
2.60	45.6	764	2.31	27.4		7.60	39.5	647	2.22	32.8		12.60	34.7				
2.70	29.4	1084	2.30	26.3		7.70	33.1	563	2.21	32.2							
2.80	28.4	1394	2.22	24.9		7.80	39.5	571	2.17	31.6							
2.90	11.0	1361	2.20	24.7		7.90	37.1	588	2.19	33.3							
3.00	14.0	1008	2.20	26.4		8.00	34.8	706	2.19	34.8							
3.10	35.3	1117	2.25	27.8		8.10	32.4	832	2.22	34.3							
3.20	34.3	899	2.26	27.5		8.20	34.6	563	2.22	33.0							
3.30	37.3	865	2.24	27.3		8.30	29.5	697	2.23	31.4							
3.40	40.3	806	2.26	27.9		8.40	35.4	672	2.21	30.1							
3.50	31.6	731	2.24	27.9		8.50	33.8	672	2.20	30.5							
3.60	29.0	890	2.27	27.3		8.60	29.2	672	2.20	31.5							
3.70	40.7	790	2.27	27.0		8.70	33.5	680	2.20	32.0							
3.80	34.8	731	2.28	26.7		8.80	34.2	605	2.22	32.4							
3.90	28.6	798	2.26	26.3		8.90	34.8	655	2.22	32.1							
4.00	31.9	706	2.27	26.3		9.00	34.6	832	2.22	31.1							
4.10	28.8	664	2.27	26.5		9.10	35.0	756	2.21	30.0							
4.20	25.7	613	2.25	27.3		9.20	38.0	638	2.23	29.4							
4.30	24.1	655	2.25	28.3		9.30	39.2	638	2.23	30.4							
4.40	15.6	731	2.26	28.9		9.40	40.4	680	2.23	31.0							
4.50	19.2	689	2.23	28.0		9.50	48.0	689	2.19	29.9							
4.60	12.7	798	2.21	27.1		9.60	40.6	554	2.14	29.9							
4.70	11.6	613	2.22	27.9		9.70	38.5	655	2.16	32.1							
4.80	10.6	731	2.22	29.5		9.80	36.0	605	2.20	33.9							
4.90	10.9	680	2.25	29.7		9.90	37.4	823	2.25	33.1							
revision : 10-May-2005 – AxT																	



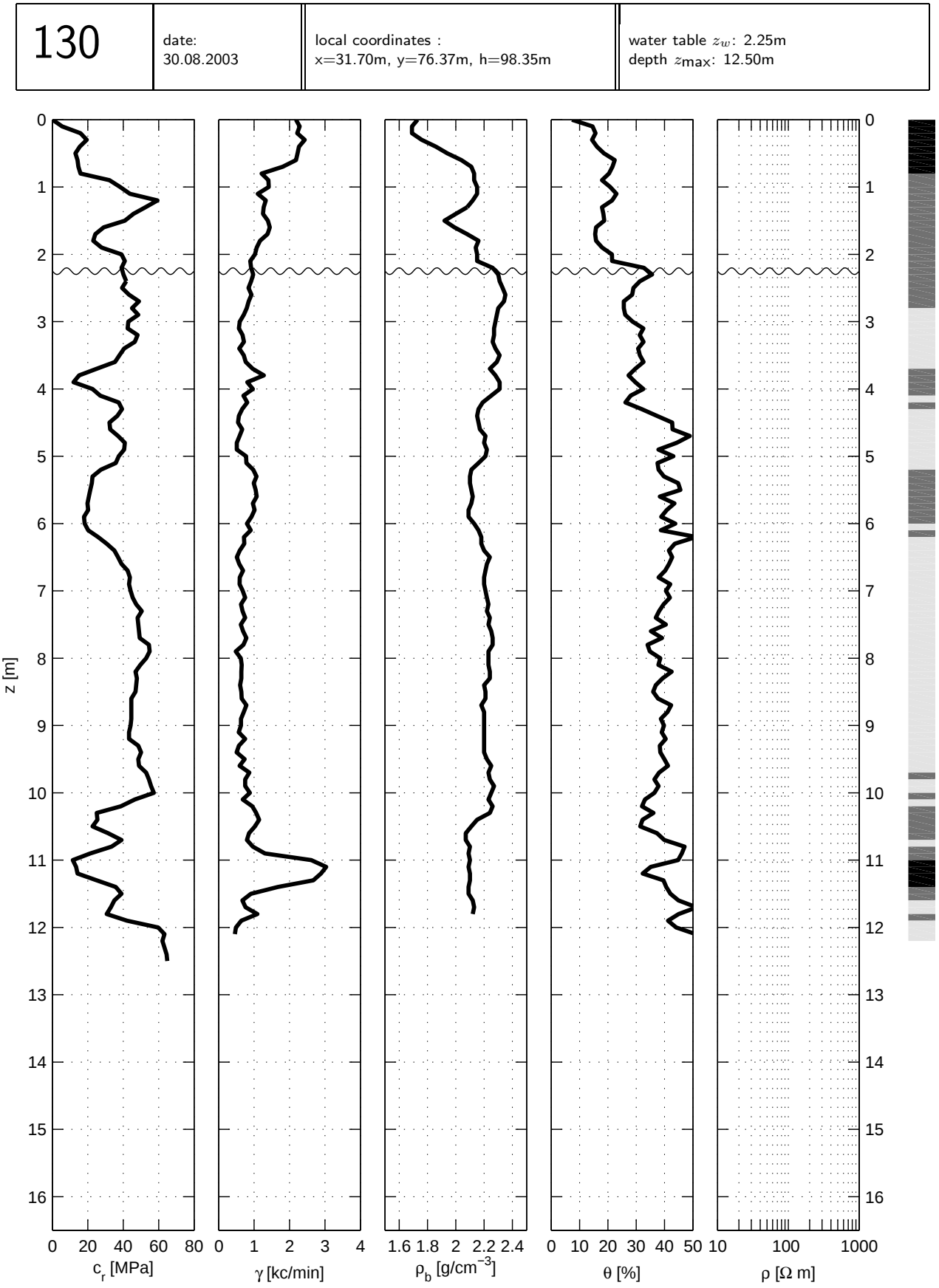
128		date: 28.08.2003		local coordinates : x=37.13m, y=106.29m, h=98.46m				water table z_w : 2.40m depth $z_{\max}$: 12.70m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			1.74	3.6		5.00	32.0	664	2.18	34.7		10.00	55.2	664	2.29	23.2	
0.10		2268	1.78	8.7		5.10	31.1	697	2.19	34.9		10.10	51.7	773	2.29	24.8	
0.20	11.6	2318	1.78	11.7		5.20	33.5	806	2.19	30.3		10.20	49.8	949	2.29	24.0	
0.30	15.7	2394	1.80	12.0		5.30	31.0	638	2.16	29.5		10.30	38.3	949	2.30	23.0	
0.40	14.5	2495	1.83	13.3		5.40	28.1	798	2.13	29.6		10.40	34.9	1000	2.27	23.7	
0.50	11.3	2302	1.89	14.4		5.50	24.7	991	2.15	31.2		10.50	28.8	1025	2.25	22.5	
0.60	8.6	2352	1.93	16.6		5.60	23.0	815	2.16	33.9		10.60	21.1	1058	2.22	23.6	
0.70	7.4	2192	1.99	17.6		5.70	25.4	848	2.16	31.7		10.70	10.2	1100	2.20	23.4	
0.80	6.6	2327	2.04	19.3		5.80	27.7	756	2.14	31.0		10.80	11.9	1294	2.16	25.5	
0.90	4.6	2293	2.09	21.8		5.90	34.3	739	2.13	32.4		10.90	6.0	1604	2.12	25.8	
1.00	3.5	2234	2.11	22.7		6.00	35.5	706	2.14	33.3		11.00	4.4	1529	2.08	25.1	
1.10	2.2	2066	2.13	22.6		6.10	36.4	714	2.17	34.6		11.10	7.2	1285	2.08	25.8	
1.20	3.5	2092	2.17	21.6		6.20	33.2	731	2.17	34.8		11.20	13.4	1397	2.05	27.5	
1.30	3.7	2100	2.18	21.9		6.30	36.5	756	2.16	33.8		11.30	27.6	1185	2.05	30.1	
1.40	3.8	1630	2.17	19.9		6.40	38.6	714	2.15	30.3		11.40	27.2	790	2.02	31.6	
1.50	5.0	1252	2.16	18.0		6.50	37.9	764	2.16	34.0		11.50	35.5	608	2.06	34.8	
1.60	29.5	874	2.19	15.3		6.60	37.8	706	2.14	33.1		11.60	35.4	699	2.06	34.2	
1.70	49.7	1000	2.16	14.2		6.70	40.6	697	2.13	32.1		11.70	29.6	699	2.03	32.1	
1.80	54.7	1042	2.18	14.4		6.80	43.1	622	2.10	32.9		11.80	13.2	1215	2.00	28.9	
1.90	60.5	1168	2.18	14.1		6.90	35.6	697	2.16	34.5		11.90	3.2	2005	1.94	25.3	
2.00	59.5	1176	2.11	13.9		7.00	38.5	563	2.16	35.9		12.00		3008	1.99	23.9	
2.10	60.1	1016	2.15	14.6		7.10	37.4	638	2.17	32.5		12.10		3008		24.3	
2.20	54.2	907	2.12	16.1		7.20	41.5	605	2.19	33.5		12.20		3312		24.5	
2.30	57.7	882	2.17	20.8		7.30	42.0	781	2.20	31.8		12.30	5.4	2066		29.2	
2.40	54.1	890	2.18	26.9		7.40	46.7	672	2.16	29.7		12.40	4.3	1458			
2.50	49.4	916	2.19	26.7		7.50	44.4	706	2.17	30.6		12.50	16.0				
2.60	34.1	966	2.18	27.6		7.60	42.2	689	2.17	35.3		12.60	27.6				
2.70	36.8	916	2.24	27.4		7.70	36.6	890	2.20	30.6		12.70	38.6				
2.80	38.6	966	2.29	27.3		7.80	35.3	798	2.20	31.4							
2.90	41.8	1042	2.29	27.1		7.90	37.7	974	2.21	32.3							
3.00	59.5	890	2.28	24.3		8.00	45.0	874	2.18	28.8							
3.10	49.2	1025	2.29	23.3		8.10	41.4	722	2.15	27.1							
3.20	49.9	882	2.27	23.6		8.20	34.3	907	2.16	29.3							
3.30	37.4	790	2.25	22.5		8.30	28.0	806	2.21	32.0							
3.40	31.0	882	2.27	23.4		8.40	31.4	739	2.23	32.4							
3.50	29.0	798	2.27	25.9		8.50	41.3	689	2.24	29.2							
3.60	30.6	840	2.31	23.4		8.60	45.7	806	2.19	27.8							
3.70	32.3	823	2.27	23.6		8.70	50.8	605	2.15	25.2							
3.80	25.3	924	2.25	22.5		8.80	42.4	638	2.14	30.2							
3.90	24.4	1084	2.20	22.6		8.90	40.8	739	2.15	31.0							
4.00	15.4	1378	2.17	23.4		9.00	42.4	790	2.16	37.1							
4.10	1.6	1621	2.17	24.2		9.10	44.2	622	2.19	33.1							
4.20	14.0	1159	2.18	30.5		9.20	46.4	748	2.19	30.3							
4.30	23.2	647	2.20	32.0		9.30	43.1	638	2.20	35.0							
4.40	33.0	748	2.19	29.1		9.40	42.7	689	2.19	30.4							
4.50	38.8	622	2.19	31.0		9.50	36.0	622	2.22	29.4							
4.60	35.0	504	2.18	28.3		9.60	40.1	580	2.23	28.5							
4.70	37.6	655	2.14	31.0		9.70	50.9	890	2.28	28.8							
4.80	34.3	630	2.13	30.0		9.80	51.6	680	2.27	26.6							
4.90	34.0	655	2.15	35.6		9.90	52.3	672	2.29	25.0							
revision : 10-May-2005 – AxT																	



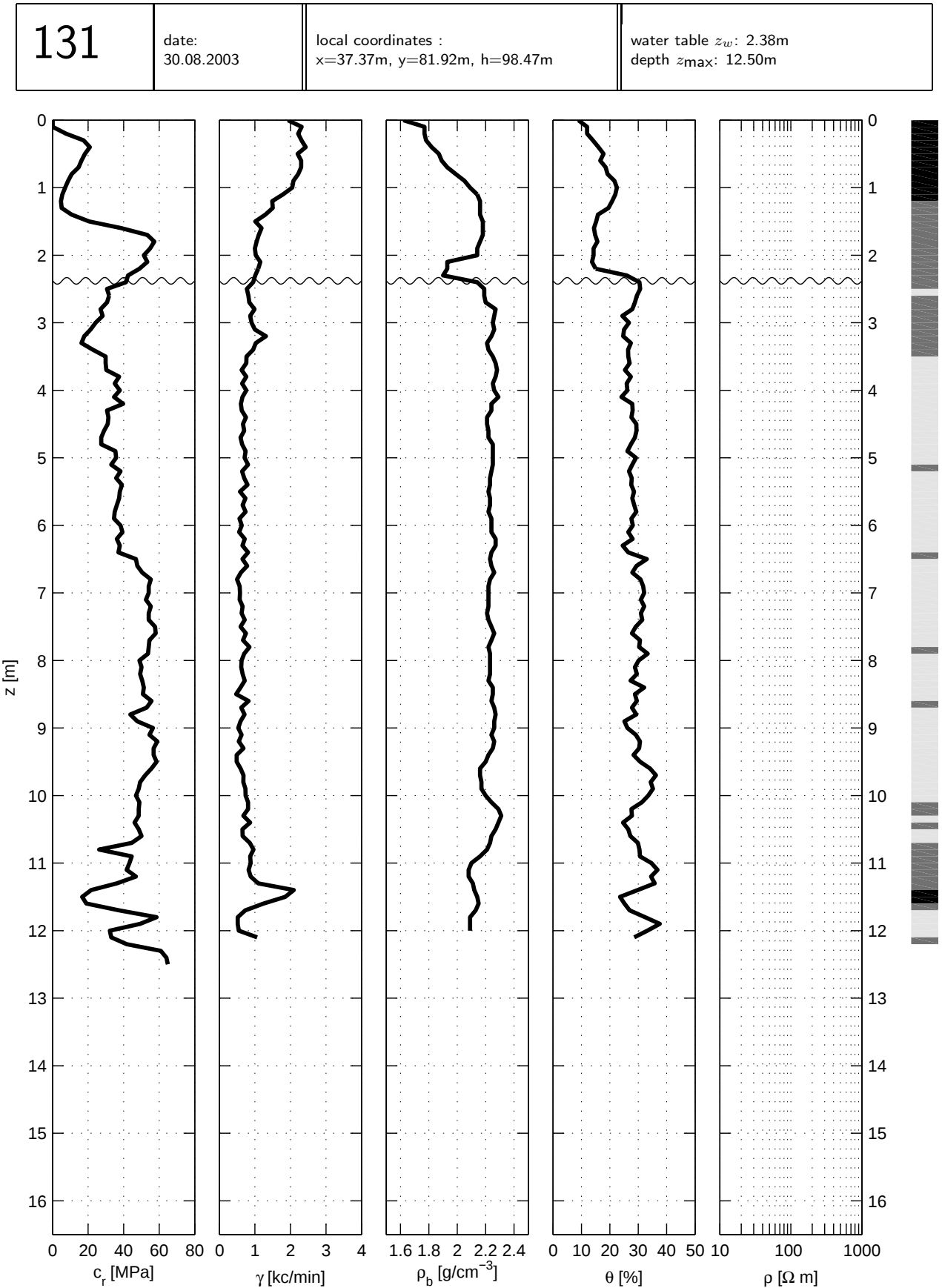
129		date: 28.08.2003		local coordinates : x=15.38m, y=106.84m, h=98.22m						water table z_w : 2.16m depth $z_{\max}$: 12.10m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1646	1.77	2.3		5.00	22.2	731	2.11	49.5		10.00	62.1	714	2.18	30.8	
0.10		2142	1.80	7.4		5.10	22.2	706	2.12	62.2		10.10	57.7	697	2.19	30.9	
0.20	3.9	2226	1.85	13.3		5.20	23.8	924	2.13	44.3		10.20	52.1	899	2.23	37.3	
0.30	10.7	2276	1.89	15.9		5.30	28.2	731	2.17	40.6		10.30	34.2	882	2.24	42.2	
0.40	13.8	2444	1.89	19.5		5.40	28.6	823	2.17	48.3		10.40	31.6	966	2.24	35.2	
0.50	13.4	2528	1.94	19.8		5.50	30.6	890	2.16	43.5		10.50	33.8	848	2.28	30.4	
0.60	13.0	2302	2.03	22.6		5.60	32.6	731	2.17	40.7		10.60	42.8	881	2.27	31.7	
0.70	11.9	2041	2.10	21.7		5.70	33.4	664	2.19	41.4		10.70	26.8	1033	2.28	32.7	
0.80	10.3	1915	2.14	22.3		5.80	33.4	613	2.21	42.9		10.80	23.2	1124	2.24	32.4	
0.90	9.5	1420	2.15	20.4		5.90	35.4	689	2.22	43.0		10.90	16.2	1124	2.21	30.6	
1.00	17.8	1109	2.13	17.9		6.00	39.7	714	2.20	44.9		11.00	14.6	1124	2.17	27.5	
1.10	38.6	1235	2.06	17.1		6.10	42.5	554	2.20	37.7		11.10	25.2	1124	2.11	28.2	
1.20	48.9	1411	1.95	17.8		6.20	43.7	613	2.15	42.9		11.20	26.9	1185	2.11	31.5	
1.30	45.7	1193	1.98	17.0		6.30	45.3	571	2.13	37.7		11.30	29.8	850	2.14	35.8	
1.40	42.5	1302	2.03	14.7		6.40	43.7	764	2.14	39.6		11.40	16.2	881	2.19	38.8	
1.50	31.8	1596	2.04	15.3		6.50	42.1	798	2.22	40.2		11.50	7.7	1793		44.5	
1.60	24.2	1100	2.04	16.2		6.60	41.7	672	2.24	42.1		11.60	16.7	1732		41.4	
1.70	29.0	1403	2.08	14.9		6.70	40.9	605	2.26	44.0		11.70	13.2	1063		30.6	
1.80	31.8	1235	2.07	14.3		6.80	43.3	680	2.26	40.3		11.80	10.1			26.9	
1.90	34.2	1352	2.14	15.1		6.90	42.5	739	2.23	33.1		11.90	15.2			32.9	
2.00	37.0	1151	2.17	20.5		7.00	41.3	689	2.19	35.8		12.00	41.5				
2.10	39.7	1075	2.31	24.2		7.10	40.1	739	2.20	34.4		12.10	47.9				
2.20	42.1	1084	2.31	31.3		7.20	40.5	664	2.19	34.7							
2.30	44.5	949	2.34	28.2		7.30	42.5	773	2.20	35.9							
2.40	48.5	890	2.32	26.2		7.40	44.1	605	2.21	36.3							
2.50	51.7	1176	2.27	26.2		7.50	44.1	697	2.21	35.6							
2.60	52.1	916	2.21	24.8		7.60	41.7	714	2.20	38.0							
2.70	52.9	815	2.19	26.2		7.70	43.7	874	2.19	38.0							
2.80	53.3	638	2.25	33.5		7.80	45.7	529	2.20	34.7							
2.90	51.3	722	2.29	40.8		7.90	41.3	664	2.20	35.4							
3.00	46.1	731	2.34	38.1		8.00	38.6	890	2.22	35.1							
3.10	41.7	706	2.35	32.9		8.10	36.2	815	2.22	36.5							
3.20	40.5	932	2.31	28.3		8.20	34.6	865	2.22	39.2							
3.30	48.1	823	2.25	24.4		8.30	42.5	706	2.22	35.8							
3.40	56.5	941	2.19	24.2		8.40	49.7	672	2.19	32.6							
3.50	45.7	991	2.16	25.4		8.50	46.9	832	2.18	35.8							
3.60	36.2	865	2.09	29.7		8.60	41.3	680	2.17	35.8							
3.70	23.8	865	2.10	34.4		8.70	38.2	790	2.18	33.6							
3.80	24.2	722	2.07	42.8		8.80	32.6	554	2.17	35.5							
3.90	24.2	974	2.06	43.3		8.90	33.4	680	2.18	34.1							
4.00	19.4	832	2.06	45.6		9.00	29.8	714	2.21	37.0							
4.10	18.2	991	2.06	42.0		9.10	26.6	806	2.23	37.8							
4.20	17.4	798	2.05	48.3		9.20	30.6	781	2.24	34.2							
4.30	19.8	790	2.08	45.8		9.30	36.2	596	2.23	35.4							
4.40	20.2	865	2.08	48.9		9.40	35.4	554	2.23	35.5							
4.50	20.6	680	2.07	48.8		9.50	46.5	521	2.25	38.3							
4.60	22.2	706	2.07	48.3		9.60	48.1	806	2.26	33.5							
4.70	20.2	857	2.07	51.5		9.70	47.7	630	2.28	33.8							
4.80	22.6	739	2.10	46.8		9.80	53.3	798	2.26	32.7							
4.90	21.4	932	2.11	45.1		9.90	61.3	773	2.22	30.7							
revision : 10-May-2005 – AxT																	



130		date: 30.08.2003		local coordinates : x=31.70m, y=76.37m, h=98.35m		water table z_w : 2.25m depth $z_{\max}$: 12.50m												
z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			2184	1.73	7.3		5.00	37.4	773	2.21	43.1		10.00	57.3	882	2.25	36.4	
0.10		5.5	2285	1.69	14.6		5.10	35.8	781	2.16	37.5		10.10	46.5	680	2.23	33.1	
0.20		15.8	2218	1.69	15.6		5.20	27.4	974	2.11	37.9		10.20	38.6	949	2.26	32.0	
0.30		19.4	2428	1.76	14.4		5.30	22.6	1067	2.10	39.8		10.30	25.0	1058	2.24	36.1	
0.40		15.4	2268	1.86	16.1		5.40	22.2	991	2.10	44.8		10.40	25.4	1142	2.15	32.2	
0.50		13.0	2226	1.94	18.6		5.50	21.4	1042	2.11	45.6		10.50	22.6	1025	2.11	31.4	
0.60		14.2	2184	2.04	22.4		5.60	20.6	1075	2.12	38.3		10.60	31.4	857	2.07	37.3	
0.70		14.6	1806	2.11	21.6		5.70	19.8	966	2.11	43.5		10.70	39.0	798	2.07	39.9	
0.80		15.8	1210	2.13	20.4		5.80	20.2	1016	2.09	40.8		10.80	33.4	966	2.10	47.1	
0.90		32.2	1403	2.13	17.9		5.90	17.8	924	2.09	38.8		10.90	21.4	1306	2.09	46.1	
1.00		38.2	1411	2.15	20.8		6.00	18.2	798	2.13	43.8		11.00	11.5	2612	2.10	44.8	
1.10		43.7	1100	2.15	23.0		6.10	20.2	907	2.16	38.7		11.10	13.4	3038	2.09	35.1	
1.20		59.3	1327	2.12	21.5		6.20	25.8	714	2.18	51.1		11.20	14.2	2886	2.10	32.3	
1.30		52.5	1268	2.08	17.9		6.30	30.6	722	2.18	43.6		11.30	25.0	2673	2.10	39.6	
1.40		45.7	1252	2.00	18.4		6.40	35.0	596	2.20	41.5		11.40	35.8	1671	2.09	40.6	
1.50		40.9	1386	1.92	18.7		6.50	37.0	512	2.24	42.7		11.50	39.0	911	2.09	42.1	
1.60		29.0	1445	1.99	15.8		6.60	39.0	580	2.22	41.6		11.60	35.0	668	2.12	44.9	
1.70		24.2	1378	2.08	15.5		6.70	42.5	689	2.21	40.2		11.70	33.0	759	2.13	51.3	
1.80		23.0	1168	2.16	15.8		6.80	43.7	596	2.20	37.9		11.80	30.6	1093	2.12	45.0	
1.90		27.8	1075	2.14	18.0		6.90	43.3	588	2.20	42.0		11.90	42.1	638		41.2	
2.00		39.0	1025	2.15	21.4		7.00	44.1	680	2.21	40.5		12.00	59.7	486		44.1	
2.10		40.9	890	2.15	21.5		7.10	45.3	748	2.22	41.9		12.10	63.3	456		51.0	
2.20		39.0	916	2.26	32.7		7.20	47.3	630	2.23	39.7		12.20	62.1				
2.30		40.1	974	2.30	35.6		7.30	50.5	672	2.22	38.1		12.30	63.3				
2.40		41.7	916	2.31	31.3													

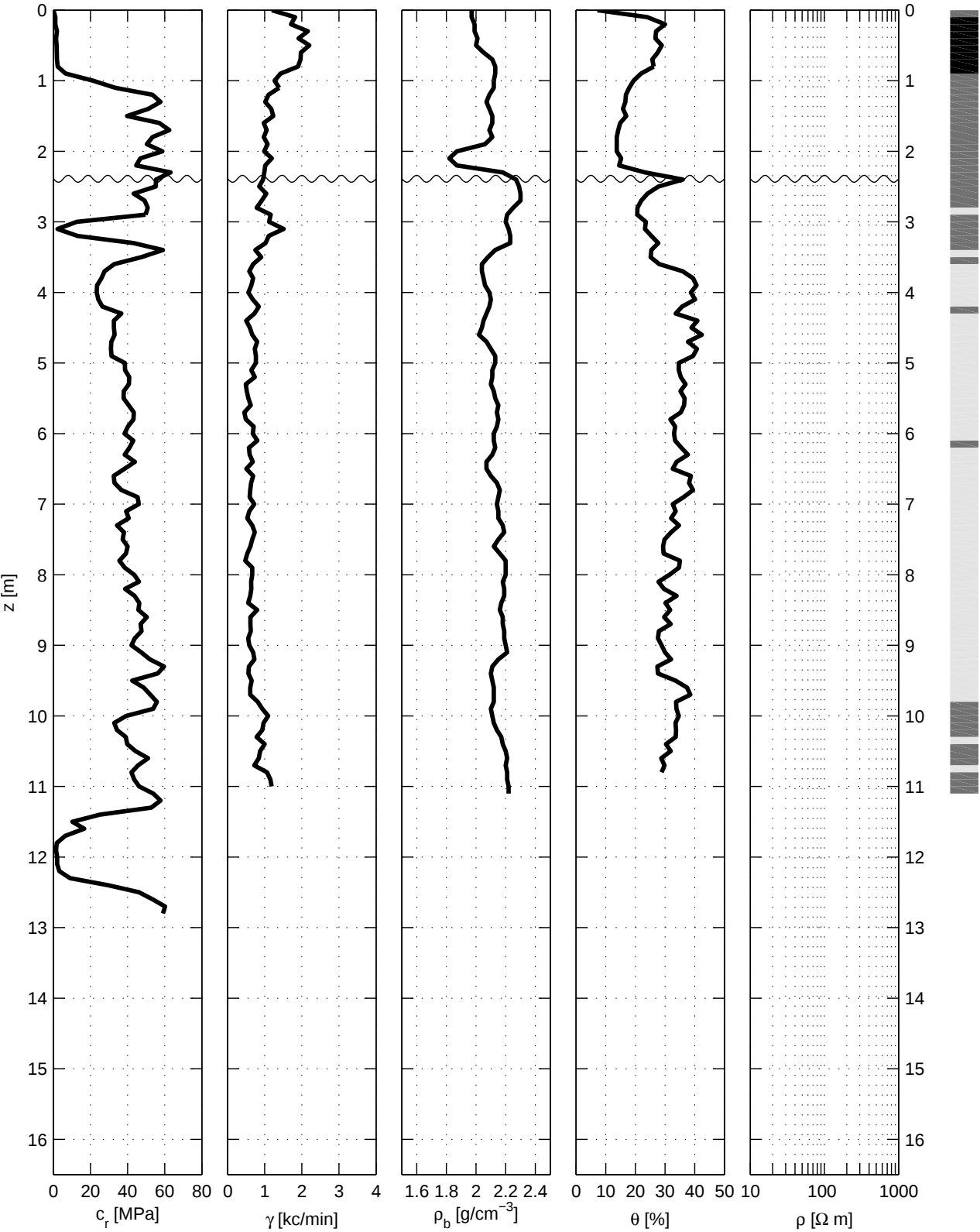


131		date: 30.08.2003		local coordinates : x=37.37m, y=81.92m, h=98.47m		water table z_w : 2.38m depth $z_{\max}$: 12.50m											
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1924	1.62	8.9		5.00	35.8	706	2.25	29.2		10.00	46.9	739	2.20	33.5	
0.10		2318	1.77	12.0		5.10	33.0	806	2.25	27.9		10.10	48.9	806	2.24	31.3	
0.20	7.5	2218	1.77	12.0		5.20	38.2	638	2.24	26.7		10.20	48.5	806	2.29	27.6	
0.30	17.4	2310	1.78	14.0		5.30	35.8	697	2.23	27.7		10.30	48.5	672	2.31	27.8	
0.40	21.0	2428	1.82	16.0		5.40	39.0	790	2.23	27.5		10.40	46.1	865	2.29	24.6	
0.50	18.2	2201	1.87	17.8		5.50	37.8	580	2.22	28.5		10.50	48.5	647	2.27	26.5	
0.60	16.2	2302	1.89	16.6		5.60	37.4	731	2.23	27.9		10.60	50.1	655	2.24	27.2	
0.70	14.6	2302	1.93	18.5		5.70	36.2	655	2.23	28.6		10.70	44.5	857	2.23	29.9	
0.80	10.7	2218	1.99	19.2		5.80	35.0	739	2.22	29.3		10.80	26.2	958	2.21	30.4	
0.90	8.7	2083	2.05	21.6		5.90	34.6	563	2.24	27.6		10.90	44.5	865	2.16	30.6	
1.00	7.1	2050	2.09	22.5		6.00	38.2	630	2.24	28.1		11.00	43.3	881	2.10	34.6	
1.10	5.5	1789	2.14	21.9		6.10	39.3	554	2.24	26.5		11.10	41.7	820	2.08	36.8	
1.20	4.7	1487	2.16	20.8		6.20	36.2	714	2.27	28.0		11.20	46.9	881	2.08	34.5	
1.30	5.1	1504	2.16	19.5		6.30	37.8	647	2.27	24.5		11.30	36.2	1093	2.11	35.8	
1.40	10.7	1294	2.16	15.8		6.40	37.0	806	2.24	26.5		11.40	21.8	2096	2.12	29.8	
1.50	20.6	1008	2.18	15.2		6.50	46.9	647	2.23	33.0		11.50	16.6	1853	2.14	23.6	
1.60	38.6	1184	2.18	14.4		6.60	47.7	781	2.24	29.4		11.60	19.0	1245	2.15	25.1	
1.70	53.3	1109	2.18	14.8		6.70	50.5	605	2.26	27.9		11.70	37.4	729	2.13	27.0	
1.80	57.3	1050	2.16	15.6		6.80	55.3	496	2.23	30.8		11.80	58.5	517	2.09	32.4	
1.90	54.9	1000	2.14	14.3		6.90	54.1	571	2.22	31.7		11.90	49.3	517	2.09	37.6	
2.00	51.3	1025	2.14	14.3		7.00	54.1	580	2.22	32.1		12.00	32.2	547	2.09	33.2	
2.10	53.3	1151	1.93	13.7		7.10	52.5	571	2.22	30.9		12.10	33.0	1063		28.6	
2.20	48.9	1092	1.93	15.0		7.20	55.3	655	2.22	32.1		12.20	41.7				
2.30	42.5	1008	1.90	25.9		7.30	54.1	622	2.21	30.9		12.30	60.9				
2.40	41.3	949	2.14	30.4		7.40	54.1	714	2.22	3							



132		date: 18.08.2004		local coordinates : x=24.59m, y=93.78m, h=98.27m			water table z_w : 2.39m depth $z_{\max}$: 12.80m										
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1193	1.97	7.2		5.00	38.5	764	2.13	34.6		10.00	39.2	1092	2.11	34.6	
0.10		1817	1.97	24.0		5.10	38.6	640	2.11	34.6		10.10	32.8	967	2.12	33.5	
0.20		1708	1.99	30.0		5.20	40.9	733	2.11	35.3		10.20	34.3	936	2.14	33.7	
0.30	1.9	2161	1.99	27.0		5.30	40.7	491	2.10	36.9		10.30	39.0	780	2.17	33.6	
0.40	1.4	1911	2.01	26.7		5.40	37.9	515	2.12	35.2		10.40	39.8	998	2.18	30.3	
0.50	1.7	2200	2.00	28.9		5.50	37.8	562	2.13	36.6		10.50	44.2	874	2.20	31.9	
0.60	1.8	1973	2.05	27.5		5.60	40.6	624	2.15	36.4		10.60	51.0	842	2.21	28.7	
0.70	1.9	1966	2.11	25.7		5.70	43.4	452	2.14	35.3		10.70	45.6	718	2.20	29.8	
0.80	2.3	1895	2.13	26.2		5.80	43.2	491	2.15	31.8		10.80	42.1	1061	2.21	28.8	
0.90	6.6	1427	2.13	21.9		5.90	40.2	702	2.14	33.4		10.90	43.6	1154	2.21		
1.00	21.4	1264	2.12	19.4		6.00	38.3	679	2.12	33.0		11.00	46.2	1186	2.22		
1.10	33.4	1388	2.12	17.9		6.10	43.1	803	2.12	33.4		11.10	53.8		2.22		
1.20	53.4	1100	2.09	16.8		6.20	41.0	577	2.13	35.5		11.20	57.8				
1.30	57.8	1014	2.07	16.6		6.30	38.4	593	2.11	37.7		11.30	52.7				
1.40	51.1	1178	2.09	15.8		6.40	43.9	679	2.07	33.9		11.40	25.1				
1.50	39.7	1232	2.11	16.9		6.50	38.3	507	2.07	32.6		11.50	10.2				
1.60	57.1	975	2.11	14.9		6.60	32.5	686	2.10	38.7		11.60	16.6				
1.70	62.5	1053	2.09	14.2		6.70	32.9	632	2.14	38.1		11.70	6.4				
1.80	53.4	975	2.11	13.7		6.80	36.6	608	2.16	39.4		11.80	1.8				
1.90	50.4	1076	2.06	13.7		6.90	45.4	593	2.15	36.2		11.90	1.4				
2.00	58.7	983	1.87	13.7		7.00	46.0	718	2.14	32.6		12.00	2.0				
2.10	46.9	1193	1.82	15.2		7.10	39.2	585	2.15	33.6		12.10	2.0				
2.20	44.6	1014	1.87	14.5		7.20	40.6	530	2.15	32.0		12.20	3.2				
2.30	63.2	991	2.18	23.2		7.30	34.3	663	2.18	34.7		12.30	8.9				
2.40	55.3	952	2.27	36.0		7.40	38.0	733	2.19	32.0		12.40	29.6				
2.50	55.2	850	2.29	27.8		7.50	37.3	663	2.15	29.8		12.50	46.1				

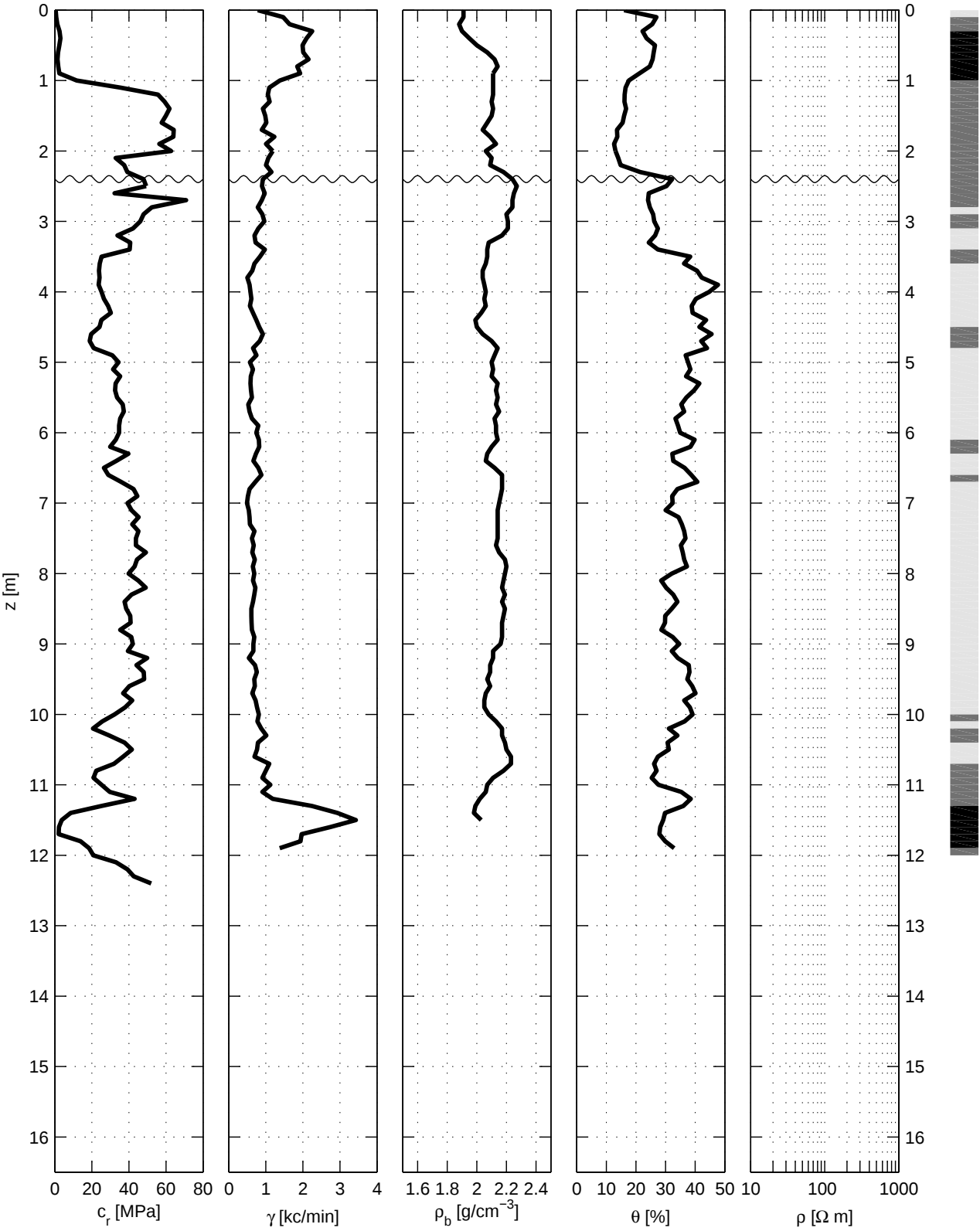
132	date: 18.08.2004	local coordinates : x=24.59m, y=93.78m, h=98.27m	water table z_w : 2.39m depth $z_{\max}$: 12.80m
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133		date: 19.08.2004		local coordinates : x=25.57m, y=95.36m, h=98.28m						water table z_w : 2.40m depth z_{max} : 12.40m							
$\begin{matrix} z & c_r & \gamma & \varrho_b & \theta & \rho \\ \text{m} & \text{MPa} & \text{cpm} & \text{t/m}^3 & \% & \Omega\text{m} \end{matrix}$						$\begin{matrix} z & c_r & \gamma & \varrho_b & \theta & \rho \\ \text{m} & \text{MPa} & \text{cpm} & \text{t/m}^3 & \% & \Omega\text{m} \end{matrix}$						$\begin{matrix} z & c_r & \gamma & \varrho_b & \theta & \rho \\ \text{m} & \text{MPa} & \text{cpm} & \text{t/m}^3 & \% & \Omega\text{m} \end{matrix}$					
0.00						5.00						10.00					
0.10						5.10						10.10					
0.20						5.20						10.20					
0.30						5.30						10.30					
0.40						5.40						10.40					
0.50						5.50						10.50					
0.60						5.60						10.60					
0.70						5.70						10.70					
0.80						5.80						10.80					
0.90						5.90						10.90					
1.00						6.00						11.00					
1.10						6.10						11.10					
1.20						6.20						11.20					
1.30						6.30						11.30					
1.40						6.40						11.40					
1.50						6.50						11.50					
1.60						6.60						11.60					
1.70						6.70						11.70					
1.80						6.80						11.80					
1.90						6.90						11.90					
2.00						7.00						12.00					
2.10						7.10						12.10					
2.20						7.20						12.20					
2.30						7.30						12.30					
2.40						7.40						12.40					
2.50						7.50											
2.60						7.60											
2.70						7.70											
2.80						7.80											
2.90						7.90											
3.00						8.00											
3.10						8.10											
3.20						8.20											
3.30						8.30											
3.40						8.40											
3.50						8.50											
3.60						8.60											
3.70						8.70											
3.80						8.80											
3.90						8.90											
4.00						9.00											
4.10						9.10											
4.20						9.20											
4.30						9.30											
4.40						9.40											
4.50						9.50											
4.60						9.60											
4.70						9.70											
4.80						9.80											
4.90						9.90											

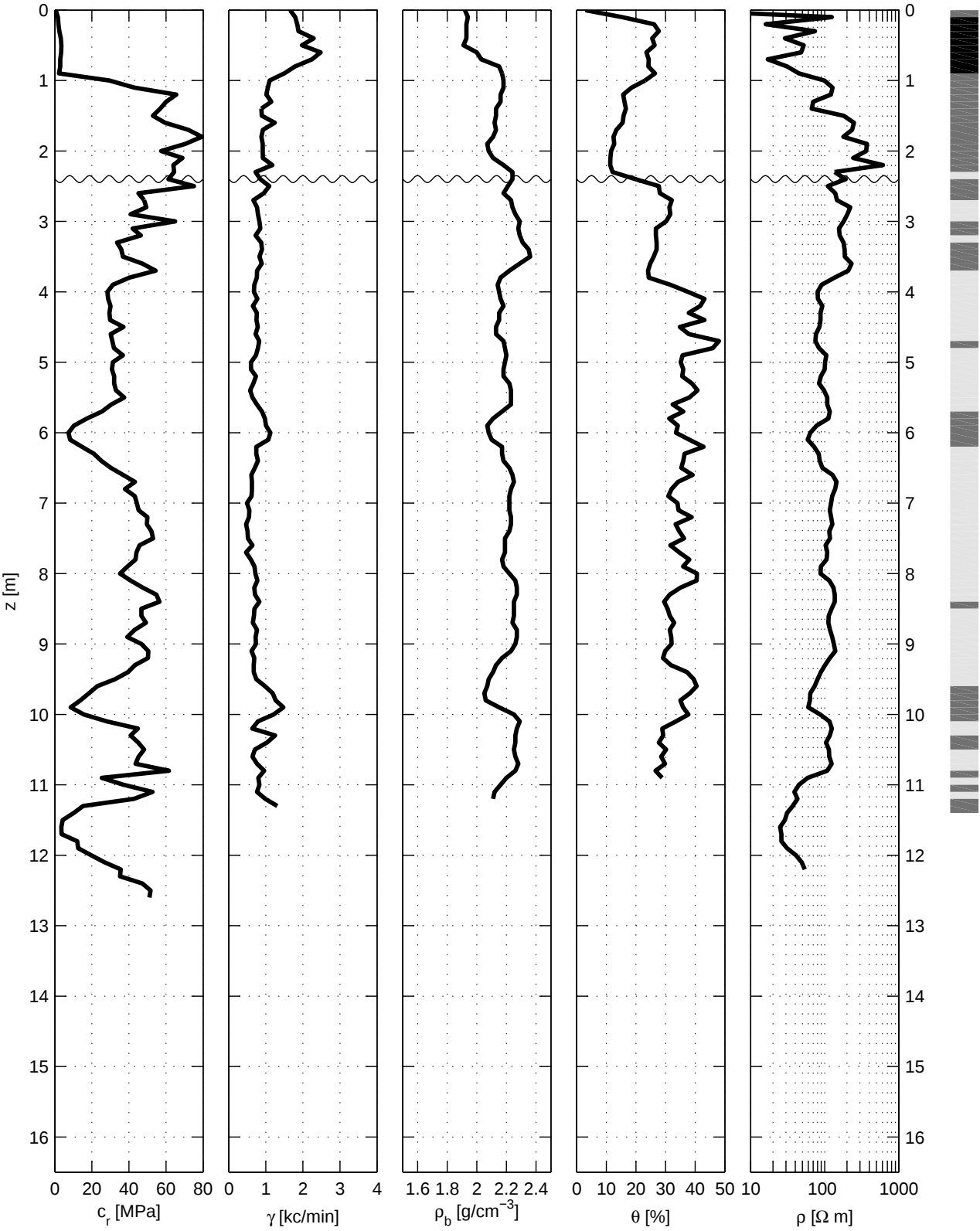
revision : 10-May-2005 – AxT

133	date: 19.08.2004	local coordinates : x=25.57m, y=95.36m, h=98.28m	water table z_w : 2.40m depth $z_{\max}$: 12.40m
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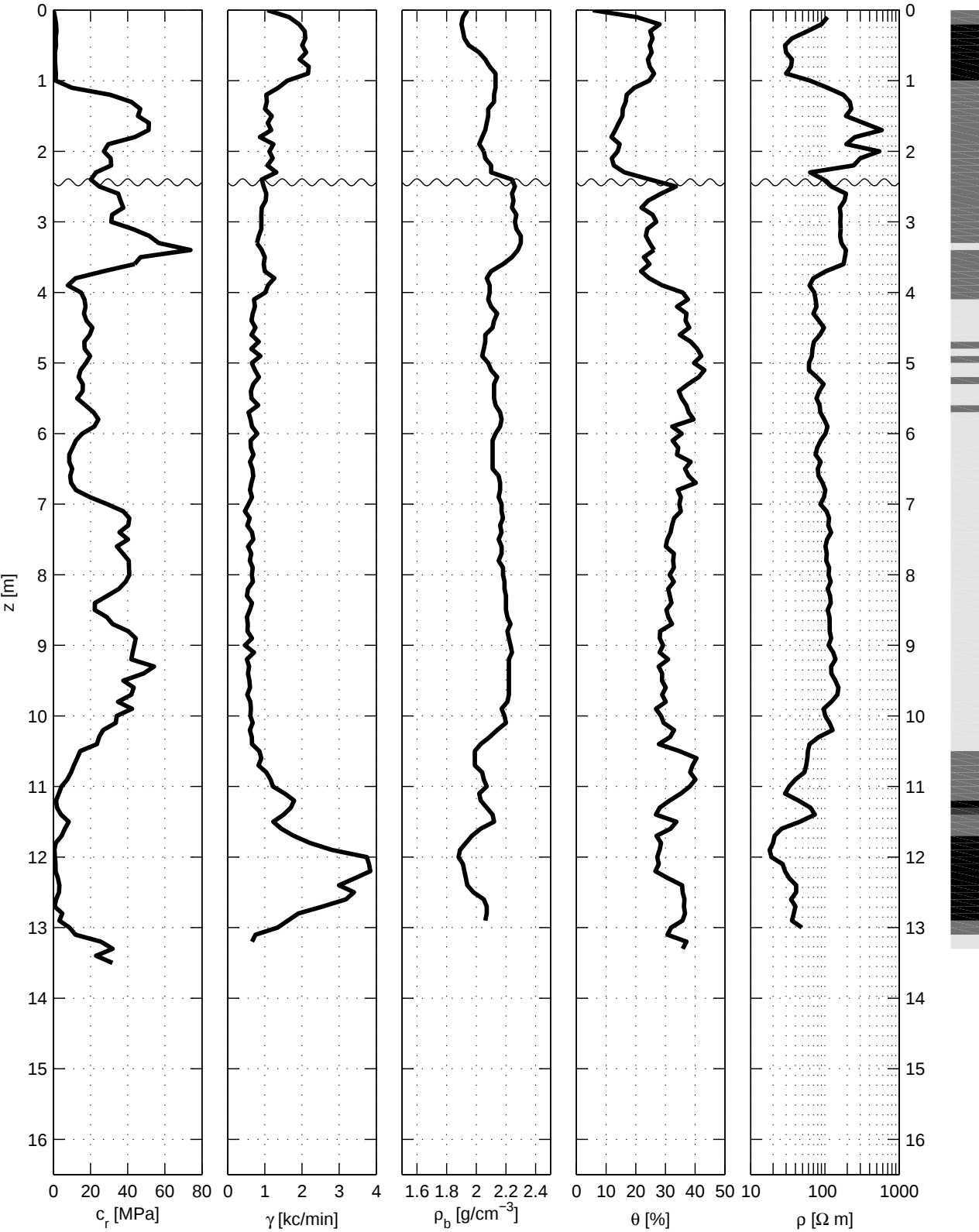
134		date: 24.08.2004		local coordinates : x=27.61m, y=97.85m, h=98.32m		water table z_w : 2.40m depth z_{max} : 12.60m											
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1654	1.92	2.9		5.00	31.3	601	2.19	35.1	101	10.00	15.6	1209	2.25	37.7	87
0.10	1.6	1794	1.94	15.3	125	5.10	30.8	601	2.18	36.0	100	10.10	28.1	788	2.29	33.5	116
0.20	1.9	1849	1.93	26.1	16	5.20	32.0	733	2.18	35.6	89	10.20	44.8	632	2.27	28.9	125
0.30	2.4	1880	1.93	27.7	74	5.30	32.0	663	2.22	38.9	84	10.30	40.9	1248	2.26	29.2	117
0.40	3.2	2293	1.93	25.5	29	5.40	33.0	577	2.23	40.8	98	10.40	45.0	1030	2.26	27.7	104
0.50	3.5	1973	1.91	26.3	52	5.50	37.4	640	2.23	38.0	108	10.50	48.2	702	2.25	30.2	114
0.60	3.4	2480	2.00	23.5	48	5.60	30.5	757	2.23	32.4	108	10.60	45.2	640	2.26	28.5	115
0.70	2.9	2246	2.03	24.3	17	5.70	25.4	897	2.17	36.0	117	10.70	43.6	764	2.28	29.8	124
0.80	2.9	1786	2.15	24.2	31	5.80	17.3	975	2.11	31.2	112	10.80	61.6	952	2.26	26.6	108
0.90	2.2	1498	2.17	26.4	45	5.90	10.3	1006	2.07	34.1	78	10.90	25.3	796	2.20	28.8	59
1.00	29.4	1100	2.18	23.1	99	6.00	7.3	1123	2.08	33.5	64	11.00	37.1	827	2.16		45
1.10	43.0	1053	2.18	18.5	128	6.10	8.2	1069	2.10	38.0	59	11.10	52.7	764	2.12		39
1.20	65.5	1014	2.16	15.7	121	6.20	14.6	741	2.17	42.8	72	11.20	42.7	983	2.11		43
1.30	60.1	1147	2.16	16.1	70	6.30	21.1	741	2.17	36.4	83	11.30	15.2	1310			37
1.40	56.9	881	2.13	16.6	67	6.40	25.1	788	2.18	36.0	86	11.40	10.2				31
1.50	52.9	889	2.13	15.8	181	6.50	30.2	702	2.22	35.3	93	11.50	4.2				29
1.60	59.4	1240	2.12	15.5	248	6.60	36.8	608	2.24	39.1	128	11.60	3.5				25
1.70	72.1	920	2.13	13.4	234	6.70	43.3	624	2.25	34.2	145	11.70	3.6				26
1.80	79.4	881	2.11	12.4	178	6.80	37.8	624	2.23	32.0	138	11.80	12.1				26
1.90	70.4	913	2.07	12.7	371	6.90	43.2	616	2.22	30.9	126	11.90	12.6				31
2.00	57.4	913	2.08	11.6	363	7.00	44.2	491	2.22	34.0	122	12.00	19.7				41
2.10	68.9	920	2.11	11.4	242	7.10	45.2	554	2.22	34.4	117	12.10	26.8				49
2.20	64.0	1178	2.18	11.3	612	7.20	50.0	546	2.23	38.8	122	12.20	35.6				54
2.30	64.4	725	2.24	12.1	136	7.30	49.7	468	2.23	33.4	127	12.30	35.2				
2.40	61.3	850	2.24	19.9	192	7.40	52.1	507	2.22	34.6	115	12.40	47.2				
2.50	75.1	1092	2.21	27.7	110	7.50	53.0	515	2.19	36.2	118	12.50	51.6				
2.60	45.1	944	2.18	28.1	139	7.60	45.7	640	2.19	31.6	103	12.60	51.0				
2.70	48.2	663	2.23	32.1	146	7.70	44.0	468	2.19	34.6	108						
2.80	49.4	764	2.24	31.3	221	7.80	43.6	593	2.17	38.0	106						
2.90	40.9	788	2.26	31.6	202	7.90	39.2	694	2.18	35.9	89						
3.00	65.0	827	2.29	30.2	180	8.00	35.2	718	2.22	40.6	88						
3.10	42.0	850	2.28	26.7	156	8.10	40.9	772	2.26	40.5	115						
3.20	46.4	725	2.29	26.7	159	8.20	47.5	686	2.27	35.0	131						
3.30	33.6	874	2.31	27.0	179	8.30	54.8	710	2.27	31.4	137						
3.40	35.9	897	2.35	27.0	186	8.40	56.5	827	2.25	29.5	137						
3.50	36.7	827	2.36	26.0	187	8.50	46.7	694	2.25	30.7	124						
3.60	47.2	889	2.29	24.8	230	8.60	46.7	679	2.25	31.4	113						
3.70	54.4	764	2.22	24.1	208	8.70	49.2	647	2.24	32.9	112						
3.80	40.2	757	2.16	24.3	136	8.80	43.1	764	2.27	31.4	118						
3.90	31.3	686	2.14	31.6	91	8.90	39.1	725	2.27	31.9	126						
4.00	28.4	679	2.15	37.6	80	9.00	46.7	733	2.26	32.0	133						
4.10	28.8	772	2.16	43.1	81	9.10	50.5	616	2.23	29.9	139						
4.20	30.0	647	2.18	41.7	93	9.20	50.3	686	2.17	29.1	117						
4.30	29.4	757	2.15	37.8	88	9.30	43.3	671	2.13	31.8	101						
4.40	29.8	749	2.15	43.1	88	9.40	39.5	671	2.11	37.2	89						
4.50	37.0	780	2.13	34.8	85	9.50	32.5	741	2.08	39.5	80						
4.60	30.1	725	2.13	37.8	76	9.60	22.9	975	2.07	40.5	73						
4.70	31.0	819	2.18	48.0	75	9.70	18.4	1186	2.05	38.2	64						
4.80	31.9	788	2.19	45.9	84	9.80	13.8	1264	2.06	35.0	63						
4.90	36.7	733	2.20	35.7	105	9.90	8.5	1474	2.15	35.9	60						
revision : 10-May-2005 – Ax																	

134	date: 24.08.2004	local coordinates : x=27.61m, y=97.85m, h=98.32m	water table z_w : 2.40m depth $z_{\max}$: 12.60m
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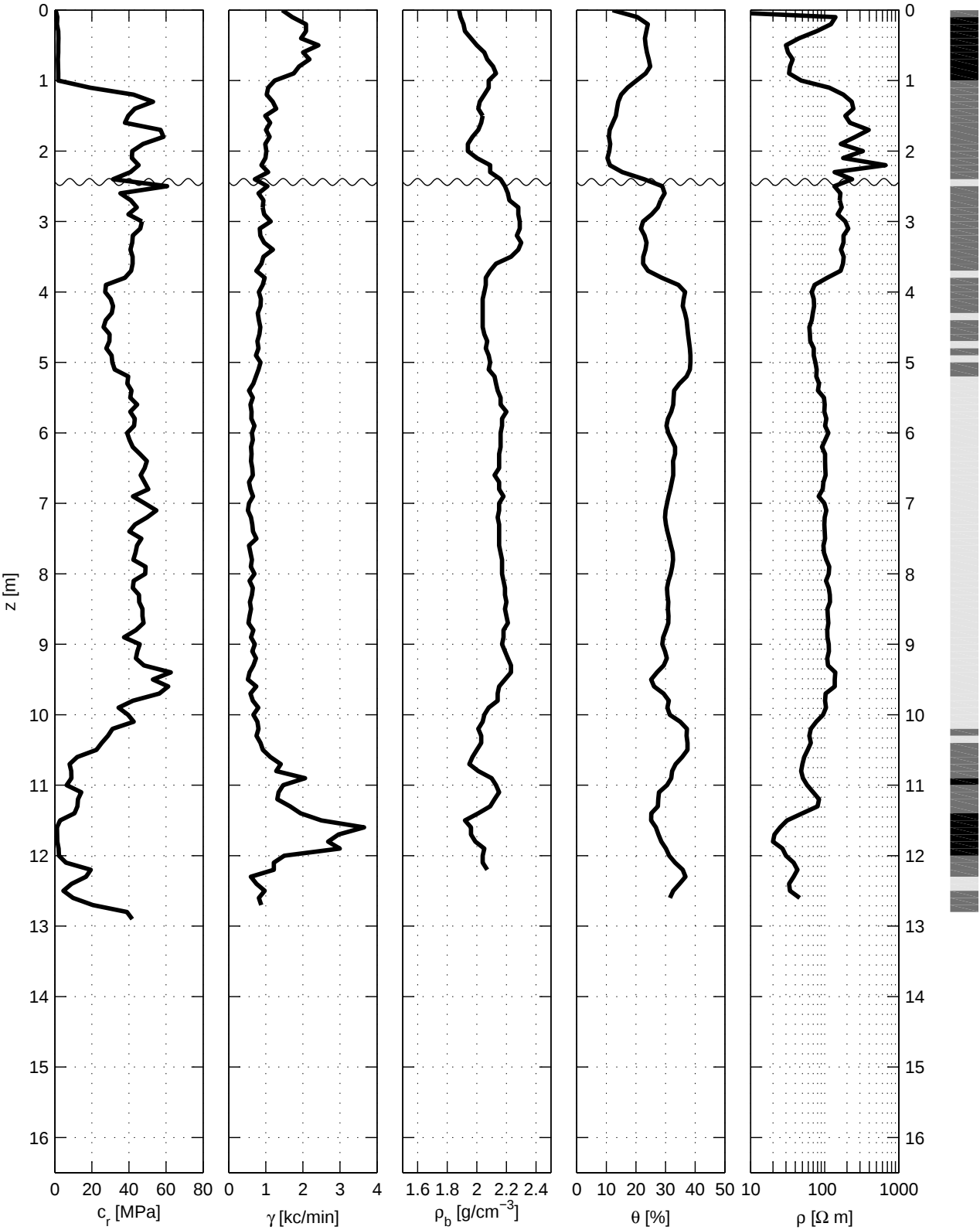
135		date: 28.08.2004		local coordinates : x=21.05m, y=85.53m, h=98.30m				water table z_w : 2.44m depth $z_{\max}$: 13.50m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1069	1.94	5.5		5.00	17.5	647	2.08	39.6	61	10.00	34.1	608	2.19	28.5	10
0.10		1654	1.91	20.4	108	5.10	14.6	733	2.10	43.1	61	10.10	33.6	671	2.20	29.4	115
0.20	1.4	1919	1.90	28.0	90	5.20	13.6	842	2.14	41.2	78	10.20	26.8	593	2.14	32.9	127
0.30	1.6	2075	1.91	24.9	58	5.30	15.8	686	2.12	37.6	96	10.30	24.6	647	2.09	31.6	83
0.40	1.2	2090	1.92	25.7	36	5.40	15.7	624	2.12	34.5	84	10.40	23.4	655	2.03	27.8	62
0.50	1.4	2005	1.95	24.7	29	5.50	12.8	640	2.12	35.5	77	10.50	14.5	850	1.99	34.7	59
0.60		2114	2.02	25.4	30	5.60	17.2	819	2.13	37.0	85	10.60	12.8	905	1.99	40.5	58
0.70		1934	2.06	24.1	36	5.70	21.7	562	2.16	37.8	87	10.70	11.0	827	1.99	39.1	56
0.80		2184	2.09	24.7	35	5.80	24.2	616	2.17	39.5	98	10.80	9.5	1037	2.04	38.3	53
0.90	1.3	2161	2.13	26.2	30	5.90	22.0	655	2.16	32.3	108	10.90	7.4	1154	2.05	40.1	40
1.00	1.2	1607	2.13	24.5	63	6.00	15.5	796	2.13	35.5	102	11.00	4.4	1217	2.07	38.2	33
1.10	10.0	1357	2.13	19.5	109	6.10	12.1	616	2.11	32.4	88	11.10	2.9	1537	2.02	35.2	29
1.20	30.5	1037	2.12	16.9	176	6.20	10.3	624	2.11	34.3	79	11.20	1.4	1786	2.03	31.4	44
1.30	42.0	1053	2.12	16.6	217	6.30	8.5	694	2.11	33.9	75	11.30	1.9	1700	2.07	28.1	64
1.40	46.8	1006	2.08	15.6	227	6.40	8.5	601	2.11	38.5	88	11.40	4.1	1505	2.11	26.8	73
1.50	45.5	1186	2.08	15.5	192	6.50	10.1	663	2.11	36.6	80	11.50	8.2	1225	2.12	33.7	46
1.60	51.4	1076	2.07	14.3	332	6.60	9.0	686	2.15	37.8	82	11.60	6.2	1443	2.03	31.7	26
1.70	51.2	1170	2.06	13.1	584	6.70	9.5	640	2.16	40.2	93	11.70	4.4	1778	1.97	27.0	21
1.80	43.8	866	2.04	11.8	254	6.80	12.1	601	2.16	34.1	101	11.80	1.2	2215	1.93	28.5	20
1.90	29.5	1232	2.02	14.6	194	6.90	19.7	655	2.15	35.2	97	11.90		2808	1.89	28.0	18
2.00	27.2	1123	2.05	13.9	539	7.00	29.0	562	2.17	34.7	87	12.00		3744	1.88	27.2	19
2.10	30.8	1209	2.06	11.9	300	7.10	37.6	460	2.17	35.2	105	12.10	1.1	3806	1.91	27.8	27
2.20	31.1	1069	2.10	12.6	244	7.20	40.9	593	2.18	32.9	114	12.20	1.1	3838	1.92	26.6	29
2.30	22.9	1310	2.10	16.2	63	7.30	40.3	523	2.16	32.2	111	12.30	2.4	3432	1.93	30.8	33
2.40	20.2	913	2.24	24.9	96	7.40	35.6	655	2.17	31.7	121	12.40	3.2	2995	1.94	35.6	41
2.50	24.7	967	2.26	33.5	122	7.50	40.2	686	2.15	30.6	107	12.50	3.0	3401	1.98	35.8	41
2.60	34.9	1037	2.24	28.5	192	7.60	34.2	546	2.17	30.1	102	12.60	1.4	3182	2.05	36.4	35
2.70	36.2	1022	2.25	24.2	184	7.70	37.4	632	2.17	32.8	106	12.70		2558	2.07	36.2	40
2.80	37.6	913	2.24	21.9	158	7.80	40.6	593	2.15	32.6	104	12.80	4.8	1903	2.07	36.6	38
2.90	31.6	905	2.27	25.7	163	7.90	40.7	671	2.18	32.8	114	12.90	3.2	1622	2.06	35.7	36
3.00	31.1	905	2.26	26.9	161	8.00	40.9	647	2.18	31.4	112	13.00	8.6	1342		31.9	49
3.10	42.7	905	2.27	23.9	163	8.10	38.9	679	2.19	32.8	120	13.10	11.9	749		30.7	
3.20	51.6	835	2.30	23.4	160	8.20	35.3	546	2.19	30.9	109	13.20	25.6	655		37.1	
3.30	56.8	788	2.30	24.7	167	8.30	29.0	515	2.20	31.5	117	13.30	31.9			35.8	
3.40	73.8	913	2.28	26.2	192	8.40	22.3	655	2.20	32.0	120	13.40	22.9				
3.50	46.9	998	2.24	22.7	186	8.50	22.2	593	2.20	30.3	109	13.50	31.8				
3.60	43.7	967	2.18	24.6	178	8.60	28.8	515	2.21	31.0	115						
3.70	27.0	998	2.10	21.8	103	8.70	31.9	538	2.23	32.2	116						
3.80	12.0	1256	2.07	24.5	70	8.80	40.3	530	2.21	28.2	116						
3.90	7.7	1084	2.09	28.9	62	8.90	44.3	655	2.22	28.1	121						
4.00	14.8	1014	2.09	35.8	72	9.00	43.6	460	2.23	29.2	112						
4.10	16.7	710	2.08	37.6	75	9.10	42.7	710	2.24	28.0	129						
4.20	17.3	733	2.10	33.9	77	9.20	42.0	515	2.22	30.9	139						
4.30	16.4	671	2.14	37.1	70	9.30	54.2	577	2.22	27.7	121						
4.40	17.8	640	2.12	36.8	83	9.40	48.6	546	2.22	28.9	122						
4.50	21.0	749	2.11	38.0	97	9.50	37.6	585	2.22	28.8	138						
4.60	19.6	640	2.06	34.8	86	9.60	43.3	601	2.22	30.1	152						
4.70	16.6	835	2.06	38.5	71	9.70	42.0	523	2.22	28.9	147						
4.80	16.8	632	2.05	40.7	68	9.80	34.8	608	2.21	30.1	122						
4.90	19.8	881	2.04	42.1	67	9.90	42.4	624	2.17	26.8	96						
revision : 10-May-2005 – AxT																	

135	date: 28.08.2004	local coordinates : x=21.05m, y=85.53m, h=98.30m	water table z_w : 2.44m depth $z_{\max}$: 13.50m
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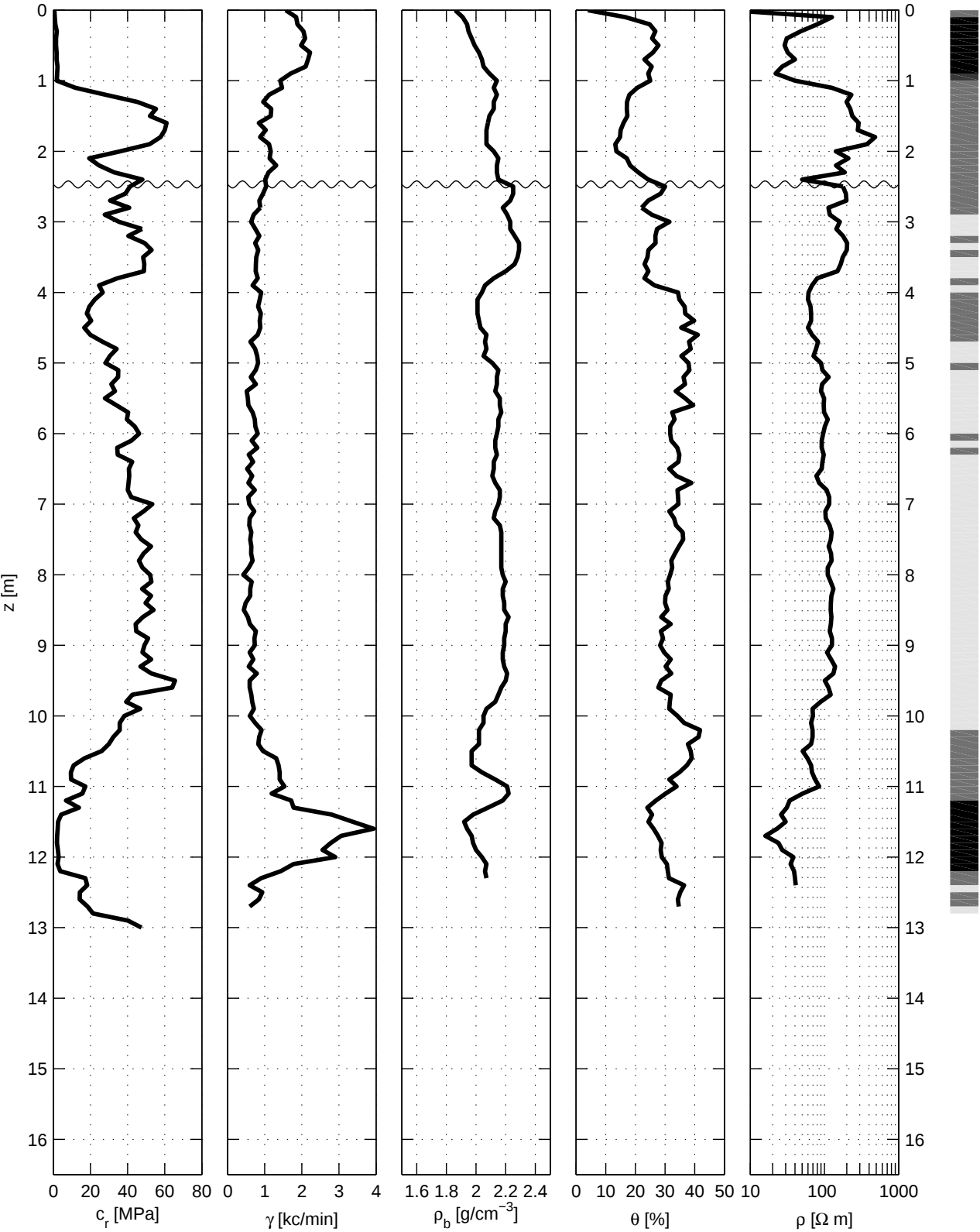
136		date: 27.08.2004		local coordinates : x=22.07m, y=86.08m, h=98.30m				water table z_w : 2.44m depth $z_{\max}$: 12.90m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1443	1.88	12.1		5.00	31.0	858	2.09	38.4	75	10.00	39.5	663	2.05	31.4	95
0.10	1.3	1716	1.89	20.5	140	5.10	32.3	803	2.08	38.2	78	10.10	42.6	772	2.04	34.9	77
0.20	1.1	2083	1.91	24.0	121	5.20	39.6	733	2.12	37.1	77	10.20	31.1	803	2.01	37.2	65
0.30	1.8	2083	1.92	23.5	78	5.30	39.1	663	2.13	34.7	84	10.30	28.7	749	2.03	37.1	62
0.40	1.9	1950	1.96	23.0	45	5.40	41.4	546	2.14	32.9	81	10.40	25.3	858	2.03	37.4	65
0.50	1.8	2418	2.00	23.3	30	5.50	40.7	647	2.16	32.7	98	10.50	22.4	920	2.00	37.4	59
0.60	1.8	2005	2.05	23.7	32	5.60	44.4	585	2.16	32.6	100	10.60	12.1	1123	1.97	35.6	53
0.70	1.6	2176	2.07	24.3	37	5.70	40.7	616	2.20	31.9	99	10.70	7.9	1404	1.95	33.4	50
0.80	1.7	1895	2.11	24.8	34	5.80	43.2	608	2.17	30.8	105	10.80	8.8	1279	2.01	32.2	48
0.90	1.8	1755	2.13	23.3	33	5.90	42.8	694	2.17	30.3	101	10.90	8.9	2059	2.10	31.9	51
1.00	1.8	1240	2.08	20.2	48	6.00	39.0	624	2.16	30.9	112	11.00	6.4	1466	2.13	30.5	58
1.10	19.0	1061	2.08	17.2	115	6.10	40.3	647	2.16	32.0	102	11.10	14.3	1342	2.15	27.8	70
1.20	42.5	1022	2.05	15.0	178	6.20	42.1	601	2.16	33.2	92	11.20	12.5	1310	2.12	27.5	84
1.30	53.0	1186	2.02	14.0	232	6.30	45.9	616	2.15	33.2	101	11.30	12.2	1654	2.09	27.4	80
1.40	43.2	1279	2.01	13.6	244	6.40	49.7	601	2.15	32.5	101	11.40	10.6	1934	2.01	25.2	50
1.50	39.6	983	2.04	13.2	190	6.50	48.5	632	2.15	32.6	102	11.50	2.8	2496	1.92	25.1	31
1.60	37.8	1115	2.03	12.2	219	6.60	46.3	647	2.12	32.6	103	11.60	1.1	3650	1.96	26.7	25
1.70	57.1	1006	2.01	11.1	393	6.70	48.4	546	2.15	32.1	96	11.70	1.2	2964	1.96	27.6	21
1.80	58.6	1100	1.97	10.9	260	6.80	50.5	585	2.15	31.6	94	11.80	1.3	2683	1.99	28.6	20
1.90	47.6	983	1.94	11.3	165	6.90	42.2	655	2.18	31.0	83	11.90	2.0	2995	2.05	30.1	27
2.00	41.8	1014	1.94	11.0	328	7.00	48.5	546	2.15	30.5	99	12.00	2.2	1498	2.04	31.2	30
2.10	41.6	991	2.00	10.4	177	7.10	54.8	515	2.15	30.0	105	12.10	6.0	1217	2.04	33.2	38
2.20	45.2	881	2.09	11.2	663	7.20	49.8	601	2.14	29.8	100	12.20	19.4	1217	2.07	35.8	43
2.30	40.8	1061	2.09	15.4	136	7.30	43.3	632	2.15	30.1	99	12.30	16.8	593		36.7	38
2.40	31.4	702	2.16	22.8	234	7.40	40.2	655	2.15	30.6	100	12.40	9.0	749		34.7	33
2.50	60.6	1045	2.19	28.9	135	7.50	46.7	749	2.15	31.2	101	12.50	4.6	967		32.6	34
2.60	35.4	803	2.21	29.7	163	7.60	44.3	546	2.15	31.8	96	12.60	9.8	811		31.5	46
2.70	41.0	936	2.22	28.3	159	7.70	43.6	585	2.16	32.4	98	12.70	20.5	874			
2.80	44.2	913	2.28	27.4	170	7.80	42.4	624	2.17	32.5	105	12.80	38.9				
2.90	39.7	952	2.28	25.3	150	7.90	49.0	593	2.17	32.2	115	12.90	41.8				
3.00	47.0	1131	2.29	22.4	190	8.00	48.8	694	2.17	31.7	113						
3.10	46.1	835	2.29	21.7	208	8.10	42.6	562	2.18	31.0	104						
3.20	42.1	850	2.27	22.9	179	8.20	42.1	647	2.19	30.5	113						
3.30	41.8	952	2.30	23.6	179	8.30	45.4	624	2.19	30.6	117						
3.40	40.8	1193	2.28	23.2	166	8.40	45.5	569	2.20	30.9	118						
3.50	42.0	936	2.23	22.5	180	8.50	47.3	601	2.19	30.8	109						
3.60	42.0	881	2.13	22.4	176	8.60	47.3	562	2.20	31.0	110						
3.70	41.2	741	2.09	24.1	164	8.70	47.9	530	2.21	30.9	112						
3.80	37.8	967	2.06	28.7	108	8.80	43.7	663	2.18	30.1	108						
3.90	27.6	913	2.06	34.3	73	8.90	37.3	601	2.18	29.2	109						
4.00	27.2	811	2.05	36.6	67	9.00	45.8	702	2.17	28.9	113						
4.10	30.1	866	2.04	36.1	71	9.10	44.5	632	2.19	29.8	114						
4.20	31.4	858	2.04	35.8	72	9.20	43.7	733	2.21	30.4	108						
4.30	30.7	780	2.04	36.5	69	9.30	48.1	663	2.23	29.4	111						
4.40	27.5	811	2.04	37.1	67	9.40	62.6	562	2.23	27.1	139						
4.50	26.3	850	2.04	37.3	62	9.50	52.9	515	2.19	25.1	137						
4.60	29.5	827	2.05	37.6	63	9.60	61.2	741	2.15	26.1	137						
4.70	29.4	772	2.07	37.9	64	9.70	56.4	585	2.14	29.3	103						
4.80	27.8	803	2.06	38.2	71	9.80	42.2	647	2.14	31.1	101						
4.90	30.6	733	2.08	38.4	71	9.90	34.4	796	2.08	30.6	104						
revision : 10-May-2005 – AxT																	

136	date: 27.08.2004	local coordinates : x=22.07m, y=86.08m, h=98.30m	water table z_w : 2.44m depth $z_{\max}$: 12.90m
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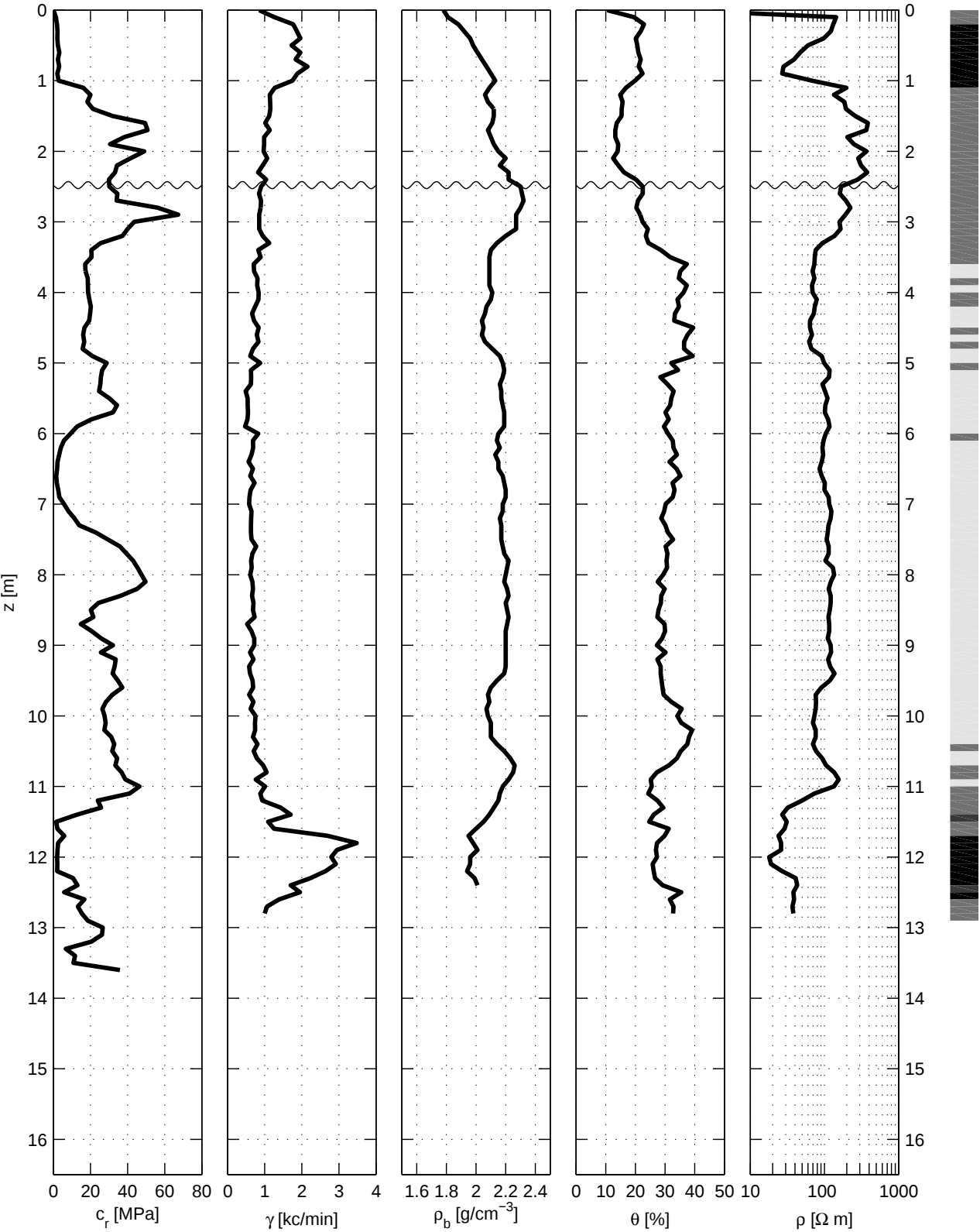
137		date: 27.08.2004		local coordinates : x=23.78m, y=86.22m, h=98.32m				water table z_w : 2.47m depth z_{max} : 13.00m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1568	1.86	4.0	5	5.00	28.1	819	2.11	37.9	90	10.00	38.2	601	2.05	34.2	70
0.10		1849	1.91	16.6	126	5.10	35.0	757	2.15	38.2	94	10.10	35.8	741	2.05	36.4	66
0.20		1880	1.94	24.8	80	5.20	34.9	624	2.14	36.2	114	10.20	35.8	913	2.02	41.8	69
0.30	1.8	2044	1.95	26.7	48	5.30	31.2	764	2.14	36.7	93	10.30	32.3	850	2.02	41.3	69
0.40	1.4	2090	1.97	25.6	31	5.40	33.2	515	2.13	33.6	90	10.40	29.8	827	2.02	37.7	66
0.50	1.4	1981	1.99	27.8	29	5.50	27.8	546	2.16	36.8	99	10.50	26.0	952	1.97	38.6	51
0.60	1.7	2223	2.02	25.9	32	5.60	34.0	562	2.16	39.5	98	10.60	16.8	1310	1.97	39.0	59
0.70	1.7	2168	2.04	23.0	40	5.70	40.3	671	2.17	32.4	99	10.70	10.9	1373	1.97	37.3	66
0.80	2.2	2106	2.05	25.5	27	5.80	39.6	733	2.15	33.2	111	10.80	9.4	1404	2.04	34.8	68
0.90	2.0	1700	2.09	24.3	22	5.90	43.8	749	2.15	31.7	101	10.90	9.5	1404	2.13	31.4	75
1.00	1.8	1420	2.14	25.0	40	6.00	46.2	811	2.14	31.7	96	11.00	17.2	1529	2.21	33.9	85
1.10	11.9	1466	2.12	20.6	126	6.10	42.1	647	2.13	32.1	92	11.10	15.6	1186	2.22	30.2	51
1.20	28.2	1115	2.14	18.0	230	6.20	34.4	803	2.13	34.1	92	11.20	6.8	1716	2.18	26.9	34
1.30	45.2	959	2.12	17.2	199	6.30	34.7	569	2.14	34.8	98	11.30	13.8	1778	2.08	24.0	31
1.40	55.3	1178	2.12	17.1	223	6.40	42.5	686	2.12	34.5	94	11.40	4.2	2808	1.98	25.6	26
1.50	52.0	1162	2.09	17.3	237	6.50	40.7	523	2.12	31.4	92	11.50	2.5	3370	1.92	24.4	30
1.60	61.0	842	2.08	16.0	289	6.60	40.9	663	2.11	33.8	78	11.60	2.3	3931	1.94	26.1	23
1.70	60.0	1030	2.07	15.0	281	6.70	40.5	562	2.13	38.9	85	11.70	2.0	3058	1.97	27.6	16
1.80	57.8	874	2.07	14.8	481	6.80	40.1	733	2.16	34.2	107	11.80	1.9	2777	1.98	28.8	24
1.90	51.8	1115	2.07	13.2	373	6.90	42.0	554	2.16	34.4	116	11.90	2.4	2558	2.00	28.5	27
2.00	36.0	1162	2.12	13.6	142	7.00	53.3	585	2.15	34.5	116	12.00	2.8	2902	2.04	28.9	38
2.10	19.3	1131	2.15	17.1	211	7.10	48.7	718	2.13	31.4	103	12.10	2.2	1778	2.07	30.6	35
2.20	24.6	1310	2.14	18.2	143	7.20	43.4	593	2.12	33.0	104	12.20	3.7	1435	2.06	30.9	39
2.30	32.8	1100	2.14	21.0	188	7.30	45.8	585	2.16	33.7	117	12.30	17.2	905	2.07	31.3	40
2.40	48.0	1014	2.15	24.3	50	7.40	44.3	640	2.17	35.9	125	12.40	18.2	593		36.4	41
2.50	41.3	1037	2.25	30.0	177	7.50	47.4	608	2.17	36.1	122	12.50	14.3	936		35.1	
2.60	38.8	952	2.25	28.5	194	7.60	52.6	640	2.17	34.7	114	12.60	14.2	842		34.3	
2.70	30.5	858	2.23	24.3	198	7.70	48.6	632	2.17	33.3	123	12.70	18.4	593		34.6	
2.80	40.9	881	2.18	22.1	113	7.80	46.1	671	2.17	32.1	125	12.80	21.4				
2.90	27.7	702	2.21	25.5	118	7.90	48.0	569	2.17	32.4	111	12.90	40.2				
3.00	35.4	632	2.23	31.5	161	8.00	52.1	421	2.18	31.7	111	13.00	47.5				
3.10	47.8	749	2.23	27.3	145	8.10	52.8	647	2.20	30.9	121						
3.20	40.4	858	2.26	26.7	177	8.20	47.8	608	2.18	31.2	132						
3.30	49.2	741	2.29	26.8	202	8.30	52.6	608	2.18	30.1	124						
3.40	52.9	827	2.29	24.4	200	8.40	49.7	484	2.19	30.0	122						
3.50	48.4	772	2.28	24.1	176	8.50	54.0	437	2.19	30.8	121						
3.60	49.0	764	2.26	23.1	166	8.60	48.2	546	2.22	28.7	124						
3.70	48.8	757	2.20	24.4	150	8.70	44.3	601	2.20	31.9	122						
3.80	34.6	811	2.12	23.0	80	8.80	44.6	764	2.20	28.6	118						
3.90	24.6	671	2.06	26.4	68	8.90	51.0	725	2.19	29.3	126						
4.00	26.6	905	2.04	34.4	61	9.00	49.1	733	2.19	28.3	126						
4.10	22.3	866	2.01	34.8	60	9.10	48.0	593	2.18	29.7	108						
4.20	19.4	819	2.01	36.6	65	9.20	52.7	694	2.18	31.9	123						
4.30	18.0	897	2.01	36.8	66	9.30	46.9	569	2.19	30.2	139						
4.40	20.4	866	2.02	39.8	66	9.40	52.8	788	2.21	32.1	132						
4.50	16.6	881	2.03	35.4	60	9.50	65.5	593	2.20	28.7	101						
4.60	19.9	811	2.07	41.0	68	9.60	64.1	593	2.17	27.7	113						
4.70	26.5	616	2.06	38.1	82	9.70	42.6	640	2.15	31.9	121						
4.80	34.1	741	2.07	38.6	77	9.80	39.2	663	2.13	31.6	89						
4.90	30.4	796	2.05	35.5	71	9.90	46.8	710	2.07	31.4	69						
revision : 10-May-2005 – AxT																	

137	date: 27.08.2004	local coordinates : x=23.78m, y=86.22m, h=98.32m	water table z_w : 2.47m depth $z_{\max}$: 13.00m
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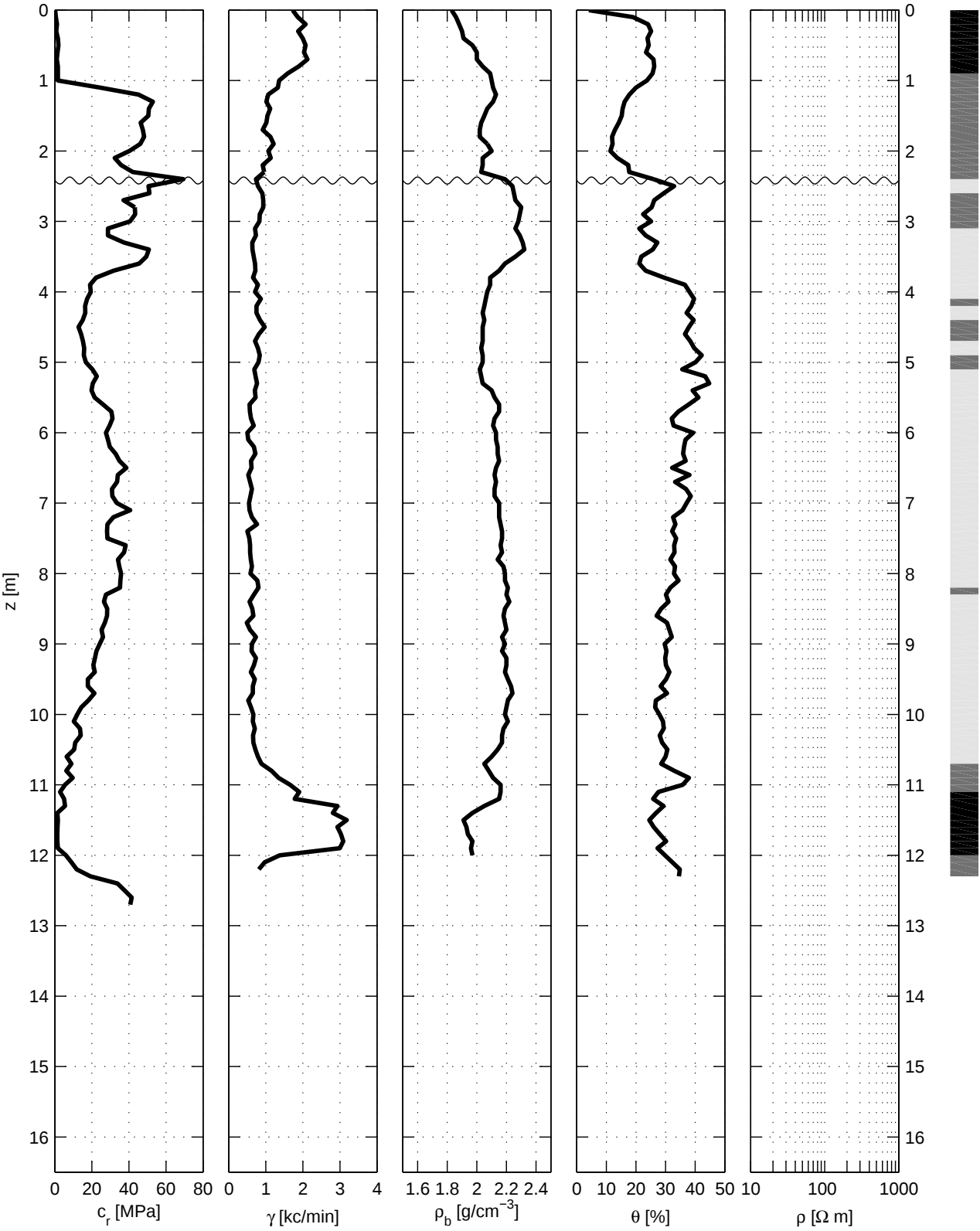
138	date: 26.08.2004					local coordinates : x=25.22m, y=88.18m, h=98.32m					water table z_w : 2.48m depth z_{max} : 13.60m							
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			851	1.78	10.5		5.00	28.8	882	2.18	32.1	99	10.00	27.6	752	2.08	34.1	73
0.10	1.3	1261	1.81	19.5	144		5.10	26.3	627	2.19	34.4	117	10.10	28.2	735	2.10	35.5	70
0.20	1.9	1768	1.88	22.9	131		5.20	25.6	636	2.18	28.4	115	10.20	27.5	743	2.10	39.1	76
0.30	2.2	1865	1.92	21.8	122		5.30	25.3	627	2.16	30.8	94	10.30	31.2	682	2.10	38.1	76
0.40	2.1	1962	1.96	20.1	98		5.40	24.6	487	2.17	32.9	102	10.40	32.8	805	2.14	37.5	70
0.50	2.4	1726	1.98	20.6	60		5.50	30.1	541	2.17	32.1	110	10.50	31.7	704	2.19	35.3	77
0.60	3.2	1962	2.01	21.0	47		5.60	34.3	541	2.18	31.7	103	10.60	34.4	789	2.23	34.0	93
0.70	2.4	1834	2.04	21.8	39		5.70	32.1	549	2.19	30.1	101	10.70	33.4	961	2.26	31.3	105
0.80	3.1	2151	2.07	21.1	28		5.80	20.5	534	2.19	31.2	112	10.80	36.7	1052	2.25	27.2	135
0.90	2.1	1884	2.10	22.4	27		5.90	12.8	473	2.19	29.6	117	10.90	38.8	759	2.22	25.2	156
1.00	2.8	1748	2.13	19.9	68		6.00	9.2	828	2.15	31.0	104	11.00	46.4	1008	2.18	25.5	134
1.10	16.1	1271	2.09	16.8	198		6.10	5.7	681	2.14	32.6	97	11.10	41.0	882	2.16	24.3	73
1.20	20.0	1137	2.06	14.9	134		6.20	4.0	689	2.16	32.8	94	11.20	23.9	936	2.15	27.4	50
1.30	18.3	1145	2.08	15.7	186		6.30	3.1	642	2.13	34.0	96	11.30	25.7	1435	2.12	29.4	32
1.40	21.3	1153	2.12	15.4	194		6.40	2.2	565	2.15	31.5	92	11.40	12.8	1700	2.09	26.2	27
1.50	31.9	1124	2.12	15.3	260		6.50	2.0	681	2.15	33.9	86	11.50	1.5	1092	2.05	24.6	31
1.60	49.4	1014	2.11	13.7	384		6.60	1.5	611	2.18	35.2	92	11.60	2.1	1248	2.00	31.2	29
1.70	50.8	1137	2.08	13.2	367		6.70	1.8	727	2.19	32.5	101	11.70	5.9	2699	1.95	29.8	24
1.80	38.2	985	2.10	13.2	203		6.80	2.6	619	2.20	33.2	100	11.80	2.5	3479	1.98	27.3	26
1.90	30.5	983	2.12	14.2	250		6.90	3.2	588	2.20	32.6	114	11.90	2.2	2948	2.01	26.9	26
2.00	49.0	967	2.15	14.0	370		7.00	5.8	580	2.18	30.2	116	12.00	2.0	2792	1.96	27.3	18
2.10	41.6	1070	2.20	12.5	284		7.10	8.1	643	2.18	29.7	124	12.10	2.1	2917	1.96	25.8	19
2.20	34.3	944	2.16	14.3	312		7.20	11.3	634	2.16	28.7	121	12.20	2.0	2636	1.94	26.2	27
2.30	33.2	820	2.22	16.2	378		7.30	14.0	627	2.17	30.1	113	12.30	10.6	2231	1.99	26.6	41
2.40	29.9	1037	2.22	20.2	281		7.40	22.6	628	2.17	30.9	111	12.40	13.0	1700	2.01	29.2	43
2.50	30.1	905	2.30	22.5	168		7.50	29.3	642	2.17	32.7	107	12.50	5.8	1950		35.5	38
2.60	34.5	845	2.31	22.5	161		7.60	35.9	773	2.18	30.2	114	12.60	16.7	1388		31.6	39
2.70	34.1	898	2.32	20.9	194		7.70	39.4	666	2.19	30.8	114	12.70	13.2	1061		32.8	37
2.80	56.3	890	2.30	20.3	224		7.80	43.0	634	2.22	30.5	103	12.80	15.3	998		32.7	38
2.90	67.3	851	2.27	21.6	192		7.90	45.3	650	2.21	30.7	130	12.90	18.5				
3.00	43.6	851	2.27	22.4	159		8.00	47.5	611	2.20	29.3	135	13.00	26.6				
3.10	40.0	851	2.27	24.2	165		8.10	49.7	667	2.19	27.5	122	13.10	26.2				
3.20	37.2	946	2.20	23.5	137		8.20	45.1	681	2.21	29.9	114	13.20	20.5				
3.30	25.5	1122	2.14	24.4	94		8.30	36.2	658	2.22	28.7	121	13.30	6.7				
3.40	20.5	828	2.10	28.6	76		8.40	24.2	698	2.20	28.6	121	13.40	11.7				
3.50	20.6	892	2.09	31.7	74		8.50	20.2	682	2.21	27.8	118	13.50	10.8				
3.60	17.1	704	2.09	37.3	73		8.60	21.6	727	2.22	27.4	113	13.60	35.9				
3.70	17.3	712	2.09	35.1	69		8.70	14.7	526	2.21	29.8	116						
3.80	18.5	805	2.09	34.6	73		8.80	20.7	643	2.20	30.0	116						
3.90	18.6	797	2.09	37.3	68		8.90	25.7	720	2.20	29.0	111						
4.00	18.7	837	2.11	36.2	69		9.00	32.1	720	2.20	27.2	121						
4.10	19.4	829	2.10	34.2	79		9.10	25.6	604	2.20	30.2	123						
4.20	20.2	743	2.07	34.7	74		9.20	33.6	696	2.20	27.4	112						
4.30	19.8	658	2.06	33.3	72		9.30	33.0	580	2.20	28.5	119						
4.40	19.3	712	2.04	33.1	64		9.40	31.9	604	2.19	28.5	137						
4.50	16.7	836	2.05	39.5	64		9.50	34.8	675	2.14	28.8	118						
4.60	16.0	789	2.04	37.6	68		9.60	37.1	689	2.10	29.1	91						
4.70	16.6	829	2.06	36.4	62		9.70	31.8	580	2.08	29.5	76						
4.80	15.7	681	2.11	36.4	67		9.80	28.4	696	2.09	32.1	77						
4.90	21.0	611	2.16	39.3	92		9.90	26.4	619	2.07	35.6	76						
revision : 10-May-2005 – Ax7																		

138	date: 26.08.2004	local coordinates : x=25.22m, y=88.18m, h=98.32m	water table z_w : 2.48m depth $z_{\max}$: 13.60m
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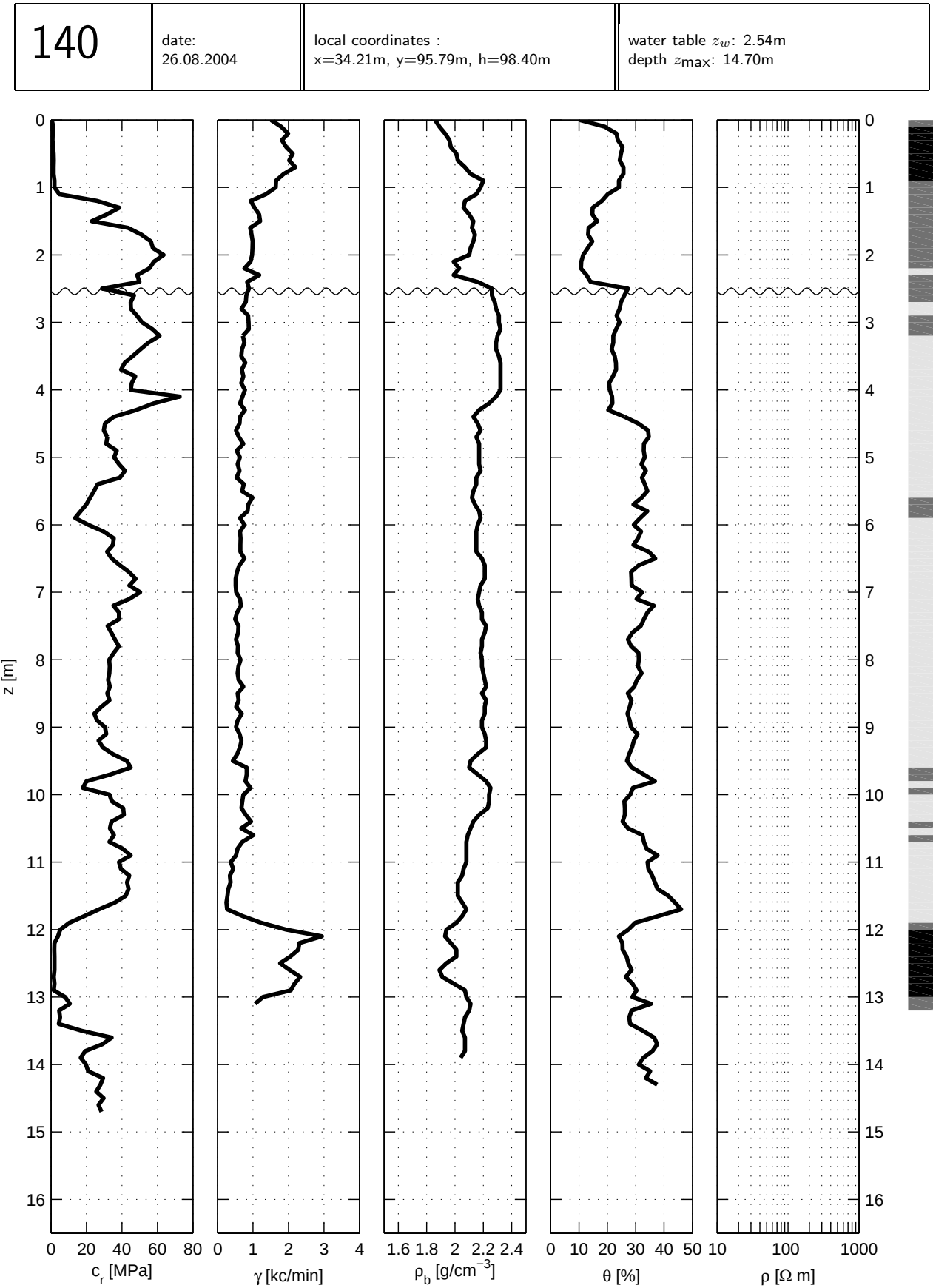


139		date: 28.08.2004		local coordinates : x=13.18m, y=95.85m, h=98.28m				water table z_w : 2.42m depth z_{max} : 12.70m												
z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			1724	1.83	4.1		5.00		16.7	803	2.04	40.1		10.00		12.1	663	2.19	27.9	
0.10			1864	1.86	19.0		5.10		20.3	686	2.02	35.6		10.10		10.2	647	2.21	29.1	
0.20		1.1	2075	1.88	24.1		5.20		22.6	725	2.03	43.4		10.20		13.6	702	2.18	29.4	
0.30			1872	1.90	25.1		5.30		20.5	764	2.04	44.7		10.30		14.0	655	2.17	28.0	
0.40		1.6	1997	1.91	23.9		5.40		19.8	702	2.10	39.1		10.40		11.0	663	2.17	28.8	
0.50		1.9	2075	1.97	24.3		5.50		21.5	725	2.12	41.1		10.50		10.4	718	2.14	30.6	
0.60		1.4	2028	2.00	23.4		5.60		26.0	562	2.15	37.8		10.60		6.4	788	2.10	30.0	
0.70			2122	2.00	25.9		5.70		30.5	569	2.15	34.3		10.70		8.9	881	2.05	28.5	
0.80		1.6	1888	2.04	26.2		5.80		31.1	601	2.12	32.1		10.80		6.2	1154	2.08	32.9	
0.90		1.6	1591	2.09	25.6		5.90		29.5	671	2.11	32.7		10.90		9.6	1342	2.11	37.9	
1.00		1.6	1357	2.10	23.7		6.00		27.6	499	2.13	39.3		11.00		5.5	1654	2.16	35.8	
1.10		24.5	1326	2.11	20.0		6.10		28.7	523	2.13	36.7		11.10		2.8	1903	2.16	27.6	
1.20		45.1	1061	2.13	17.8		6.20		29.6	679	2.14	36.2		11.20		5.0	1778	2.15	25.8	
1.30		52.9	1014	2.11	16.2		6.30		32.8	718	2.14	35.9		11.30		5.5	2933	2.05	29.3	
1.40		50.8	1115	2.07	15.5		6.40		34.9	601	2.15	36.8		11.40		1.3	2808	1.97	26.8	
1.50		50.5	1045	2.05	15.2		6.50		38.6	616	2.13	32.2		11.50		1.6	3182	1.91	24.5	
1.60		46.3	1014	2.03	14.2		6.60		34.0	523	2.12	38.1		11.60		1.4	2933	1.93	26.0	
1.70		47.5	913	2.02	12.9		6.70		33.6	577	2.13	33.2		11.70		1.3	3026	1.94	28.0	
1.80		48.2	1123	2.02	11.9		6.80		30.8	624	2.12	36.9		11.80		1.3	3089	1.97	30.2	
1.90		46.1	1209	2.07	12.1		6.90		31.0	585	2.12	38.5		11.90		1.6	2995	1.96	27.3	
2.00		40.2	1069	2.10	11.4		7.00		33.5	546	2.15	37.1		12.00		6.0	1373	1.97	29.8	
2.10		32.3	1131	2.04	13.7		7.10		40.7	562	2.15	35.7		12.10		8.9	967		32.3	
2.20		35.8	913	2.04	17.4		7.20		31.6	624	2.15	32.5		12.20		11.8	811		34.8	
2.30		42.1	952	2.03	17.7		7.30		28.4	7										

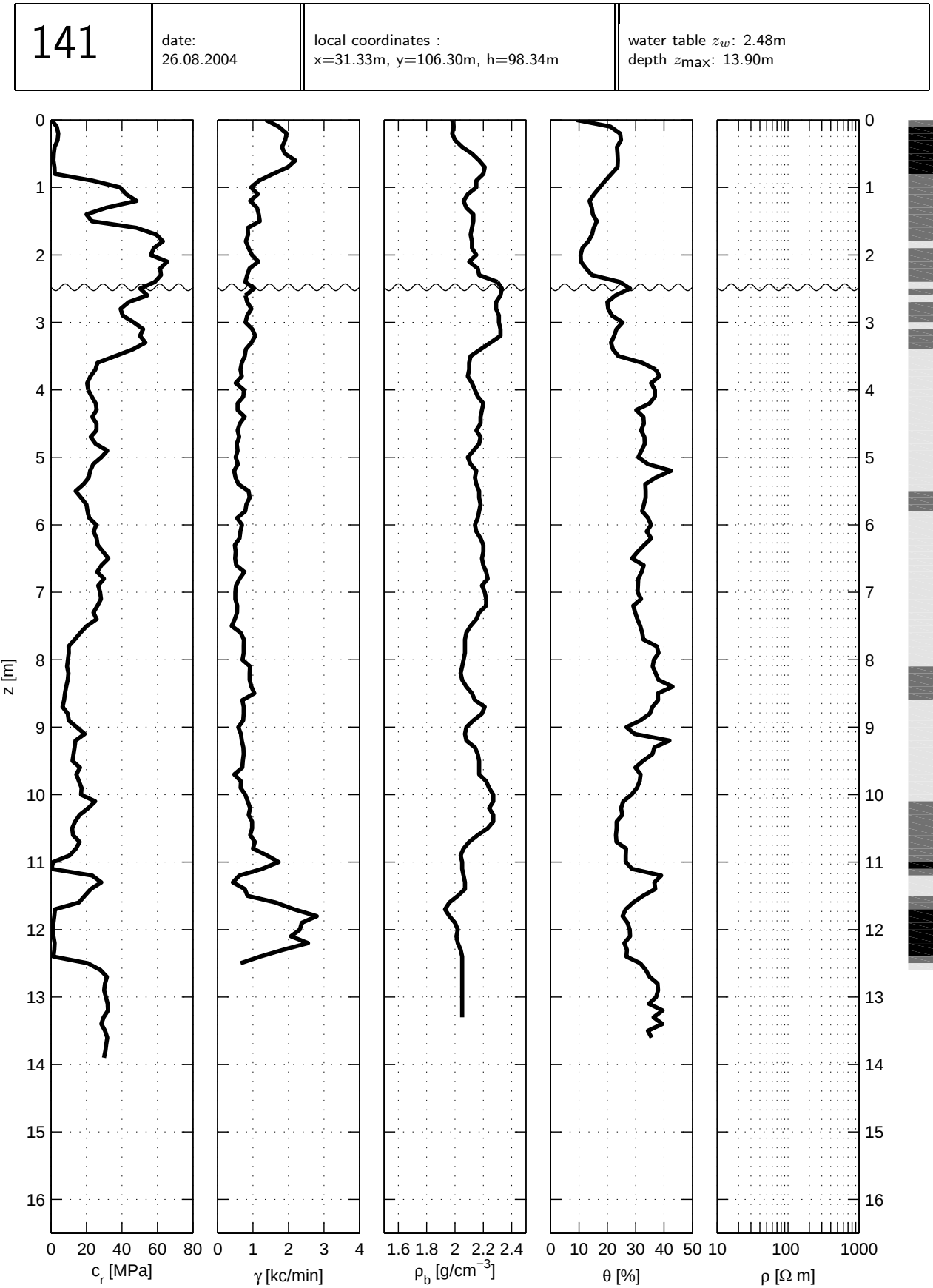
139	date: 28.08.2004	local coordinates : x=13.18m, y=95.85m, h=98.28m	water table z_w : 2.42m depth $z_{\max}$: 12.70m
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140		date: 26.08.2004		local coordinates : x=34.21m, y=95.79m, h=98.40m				water table z_w : 2.54m depth z_{max} : 14.70m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1509	1.86	10.3		5.00	35.6	627	2.17	33.2		10.00	33.0	727	2.24	28.1	
0.10	1.2	1791	1.89	19.1		5.10	38.3	565	2.17	32.0		10.10	34.3	696	2.24	26.0	
0.20		1989	1.93	23.2		5.20	41.7	619	2.18	33.6		10.20	40.7	673	2.23	26.2	
0.30		1811	1.96	23.7		5.30	38.9	534	2.15	32.2		10.30	41.1	799	2.17	26.2	
0.40	1.1	1934	1.97	25.4		5.40	26.3	743	2.15	33.2		10.40	34.1	944	2.13	25.4	
0.50	1.4	2120	2.01	24.8		5.50	24.2	689	2.13	34.1		10.50	33.2	666	2.11	27.3	
0.60	1.5	2020	2.02	24.4		5.60	22.0	985	2.12	32.1		10.60	35.5	1008	2.09	32.4	
0.70	1.4	2190	2.07	25.7		5.70	19.9	866	2.14	29.2		10.70	32.9	696	2.08	32.9	
0.80	1.4	1865	2.11	25.7		5.80	16.7	844	2.17	34.1		10.80	40.3	565	2.08	33.8	
0.90	1.9	1648	2.20	24.1		5.90	13.6	634	2.18	31.6		10.90	44.9	519	2.08	37.7	
1.00	1.9	1641	2.18	24.1		6.00	21.1	759	2.16	29.3		11.00	38.3	371	2.08	34.2	
1.10	4.7	1364	2.15	20.1		6.10	29.6	634	2.15	31.9		11.10	39.4	441	2.06	34.5	
1.20	26.0	936	2.07	18.1		6.20	35.4	651	2.15	30.8		11.20	44.1	348	2.05	35.8	
1.30	38.5	1045	2.06	14.8		6.30	34.9	642	2.15	29.2		11.30	42.9	365	2.02	36.8	
1.40	31.5	1169	2.10	14.7		6.40	31.6	643	2.15	34.6		11.40	43.7	302	2.02	37.7	
1.50	22.9	1199	2.13	16.4		6.50	34.2	759	2.19	36.9		11.50	42.1	279	2.02	41.5	
1.60	43.5	921	2.12	13.4		6.60	38.8	612	2.21	31.1		11.60	36.1	248	2.05	43.8	
1.70	51.0	959	2.14	13.2		6.70	43.8	551	2.21	28.4		11.70	27.1	271	2.08	46.0	
1.80	56.3	991	2.13	14.7		6.80	47.7	512	2.21	28.5		11.80	18.7	712	2.05	37.9	
1.90	57.5	983	2.11	13.1		6.90	44.1	511	2.18	28.6		11.90	10.3	1230	2.01	29.8	
2.00	63.5	975	2.10	11.5		7.00	50.3	526	2.17	32.3		12.00	5.2	1934	1.94	27.4	
2.10	58.1	929	1.99	10.8		7.10	44.0	634	2.16	30.3		12.10	3.9	2941	1.93	24.1	
2.20	55.4	759	2.03	10.7		7.20	35.2	659	2.17	36.4		12.20	1.9	2306	1.97	25.3	
2.30	48.6	1178	1.99	12.7		7.30	38.3	549	2.19	34.1		12.30	1.8	2275	2.01	25.4	
2.40	49.9	836	2.16	14.1		7.40	38.3	496	2.19	32.9		12.40	1.9	2047	2.01	26.8	
2.50	28.8	884	2.26	27.3		7.50	31.9	588	2.22	31.8		12.50	1.9	1764	1.94	27.4	
2.60	46.8	812	2.26	26.0		7.60	34.0	580	2.21	28.8		12.60	1.9	2035	1.89	28.6	
2.70	44.9	797	2.28	24.8		7.70	36.1	519	2.19	27.3		12.70	1.5	2329	1.91	26.5	
2.80	45.0	675	2.29	24.3		7.80	38.2	574	2.19	28.4		12.80	1.9	2174	1.99	28.8	
2.90	48.4	859	2.31	23.3		7.90	35.4	566	2.18	31.0		12.90	1.5	2066	2.07	30.3	
3.00	51.3	876	2.31	24.3		8.00	32.8	651	2.19	31.1		13.00	7.9	1279	2.08	28.8	
3.10	57.2	882	2.32	23.1		8.10	33.1	590	2.19	30.8		13.10	10.6	1060	2.11	35.4	
3.20	61.2	713	2.30	22.1		8.20	32.9	565	2.20	32.1		13.20	4.6		2.10	28.6	
3.30	54.9	759	2.29	22.1		8.30	32.2	596	2.21	30.4		13.30	5.1		2.07	27.7	
3.40	50.5	689	2.29	21.5		8.40	33.2	727	2.22	29.5		13.40	4.4		2.06	28.0	
3.50	46.0	666	2.31	22.6		8.50	31.7	565	2.19	27.2		13.50	17.3		2.05	32.5	
3.60	41.6	781	2.32	23.0		8.60	33.0	596	2.22	28.5		13.60	34.2		2.07	36.5	
3.70	39.5	681	2.32	23.1		8.70	28.4	526	2.21	27.9		13.70	29.0		2.07	37.6	
3.80	47.5	729	2.32	22.0		8.80	24.4	681	2.21	27.1		13.80	19.3		2.07	35.9	
3.90	45.5	666	2.32	20.6		8.90	26.0	566	2.19	27.9		13.90	16.7		2.04	32.7	
4.00	44.9	773	2.32	20.9		9.00	30.4	519	2.19	28.3		14.00	19.7			31.1	
4.10	72.6	705	2.29	21.7		9.10	31.1	620	2.21	30.7		14.10	21.0			35.1	
4.20	57.9	634	2.24	21.8		9.20	26.8	673	2.22	29.4		14.20	29.3			33.6	
4.30	48.0	773	2.17	20.3		9.30	29.2	627	2.22	28.7		14.30	27.9			37.6	
4.40	35.4	634	2.13	26.1		9.40	34.9	557	2.16	27.7		14.40	25.5				
4.50	30.4	619	2.16	30.9		9.50	42.8	434	2.11	26.9		14.50	29.6				
4.60	29.7	519	2.18	34.4		9.60	44.9	822	2.10	28.7		14.60	26.8				
4.70	31.7	597	2.15	34.6		9.70	33.6	820	2.16	32.8		14.70	28.5				
4.80	31.1	727	2.17	32.9		9.80	20.0	789	2.22	36.8							
4.90	37.0	541	2.17	32.8		9.90	17.9	929	2.25	29.0							
revision : 10-May-2005 – AxT																	

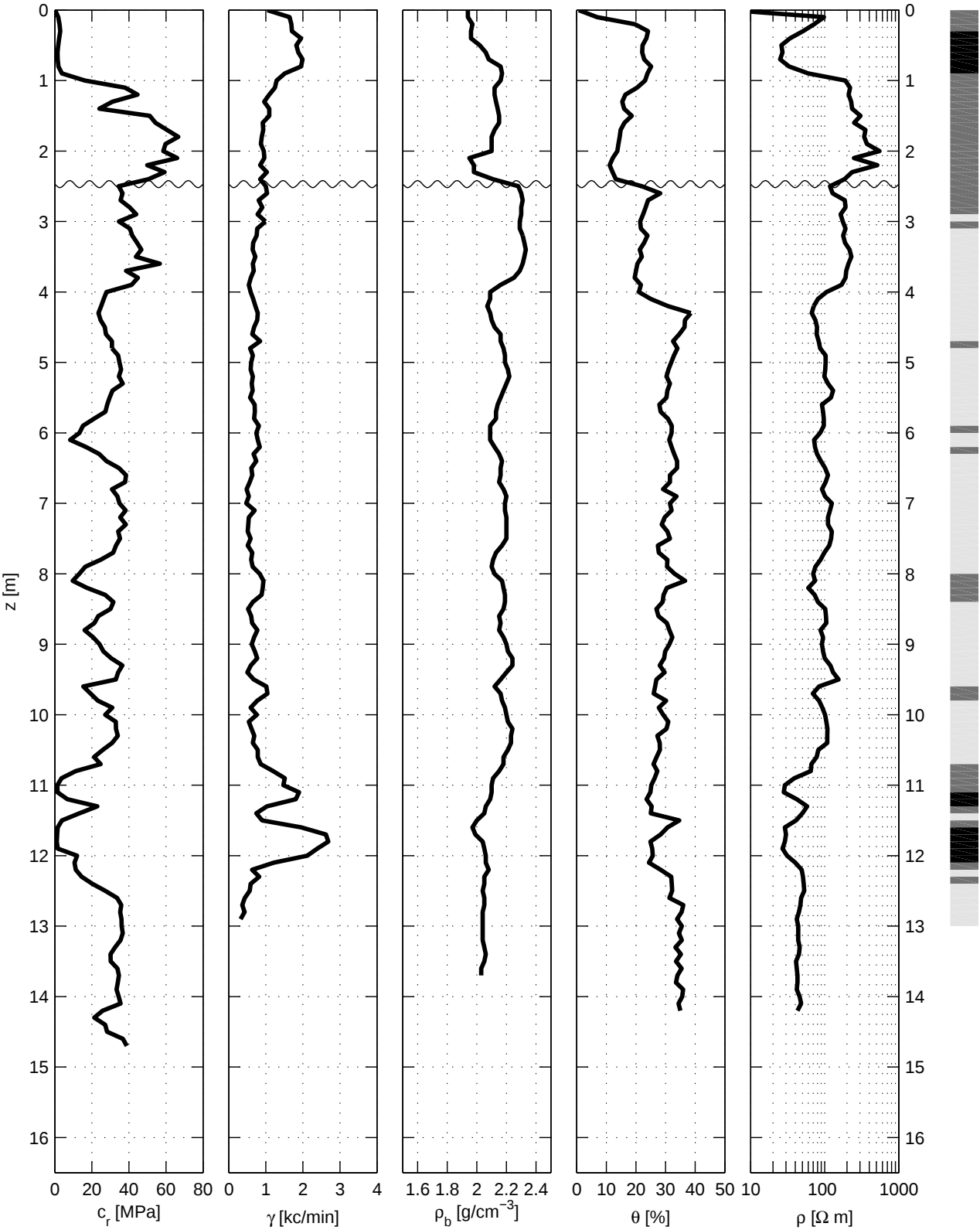


141		date: 26.08.2004		local coordinates : x=31.33m, y=106.30m, h=98.34m				water table z_w : 2.48m depth z_{max} : 13.90m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1364	1.98	9.2		5.00	28.4	512	2.09	30.9		10.00	16.9	783	2.27	28.5	
0.10	3.2	1726	1.99	21.1		5.10	23.8	573	2.11	34.3		10.10	24.9	851	2.27	25.6	
0.20	4.1	1950	1.98	24.5		5.20	22.0	464	2.15	42.5		10.20	21.0	921	2.24	24.8	
0.30	3.7	1907	2.00	24.8		5.30	21.3	504	2.14	37.1		10.30	16.1	874	2.27	25.3	
0.40	2.0	1819	2.05	23.4		5.40	18.3	588	2.15	33.4		10.40	13.6	975	2.27	23.3	
0.50	1.5	1896	2.12	23.6		5.50	13.9	874	2.17	33.5		10.50	11.9	975	2.23	23.3	
0.60	1.3	2190	2.17	23.7		5.60	16.9	905	2.17	33.5		10.60	12.4	921	2.16	23.0	
0.70	1.9	1985	2.21	23.6		5.70	20.0	812	2.18	32.9		10.70	16.1	1052	2.10	23.2	
0.80	2.1	1559	2.20	21.4		5.80	20.6	781	2.17	32.3		10.80	14.1	998	2.06	26.6	
0.90	23.2	1169	2.15	19.3		5.90	21.6	549	2.16	34.4		10.90	10.5	1393	2.04	26.5	
1.00	38.9	946	2.15	17.3		6.00	25.5	689	2.14	35.4		11.00	1.1	1726	2.05	26.5	
1.10	42.4	1137	2.09	15.3		6.10	24.0	643	2.15	33.9		11.10		1254	2.05	28.7	
1.20	48.2	921	2.06	13.7		6.20	25.7	620	2.18	35.5		11.20	23.2	612	2.06	39.0	
1.30	31.2	1114	2.08	14.5		6.30	26.3	487	2.20	33.0		11.30	28.4	434	2.07	36.6	
1.40	20.0	1161	2.13	14.9		6.40	29.3	511	2.20	30.7		11.40	22.4	766	2.07	36.9	
1.50	23.0	1191	2.13	16.3		6.50	32.3	495	2.19	28.7		11.50	19.0	844	2.02	32.6	
1.60	48.2	851	2.12	15.2		6.60	28.5	527	2.20	32.8		11.60	15.7	1633	1.96	29.1	
1.70	59.4	861	2.11	14.6		6.70	26.0	759	2.22	32.1		11.70	2.2	2159	1.93	26.5	
1.80	63.1	797	2.12	13.3		6.80	29.8	619	2.23	30.9		11.80	1.8	2801	1.96	25.4	
1.90	58.0	874	2.12	11.2		6.90	26.6	519	2.19	30.8		11.90	1.3	2376	2.00	27.1	
2.00	56.3	967	2.15	10.6		7.00	27.7	503	2.21	30.7		12.00	1.1	2321	2.02	27.9	
2.10	65.5	1153	2.10	10.7		7.10	28.2	503	2.22	31.9		12.10	1.3	2070	2.01	28.0	
2.20	61.5	898	2.16	12.5		7.20	26.2	557	2.22	29.1		12.20	2.0	2554	2.02	26.0	
2.30	62.0	837	2.17	14.6		7.30	23.9	549	2.17	29.8		12.30	1.8	1857	2.04	26.9	
2.40	58.5	781	2.30	24.4		7.40	25.7	487	2.15	30.6		12.40	1.3	1202	2.05	26.7	
2.50	50.3	1029	2.33	28.0		7.50	20.2	395	2.11	31.6		12.50	20.7	650	2.05	31.6	
2.60	54.3	789	2.32	22.9		7.60	16.6	650	2.08	32.3		12.60	27.9		2.05	33.6	
2.70	43.8	836	2.29	20.0		7.70	13.4	743	2.07	32.7		12.70	31.5		2.05	34.9	
2.80	39.2	954	2.29	20.3		7.80	9.9	736	2.07	37.4		12.80	30.4		2.05	37.7	
2.90	40.4	836	2.31	21.6		7.90	10.0	735	2.07	38.1		12.90	29.9		2.05	37.9	
3.00	46.6	789	2.31	25.4		8.00	9.5	704	2.06	36.4		13.00	30.9		2.05	37.2	
3.10	51.9	977	2.32	23.2		8.10	9.0	913	2.05	36.0		13.10	31.9		2.05	34.7	
3.20	50.2	1062	2.32	22.4		8.20	9.8	905	2.04	37.0		13.20	32.1		2.05	39.5	
3.30	53.2	954	2.25	21.3		8.30	9.4	905	2.05	38.0		13.30	29.6		2.05	36.3	
3.40	46.2	797	2.18	22.0		8.40	8.5	952	2.08	43.0		13.40	28.4			39.4	
3.50	36.2	766	2.11	23.9		8.50	7.8	1037	2.12	37.8		13.50	30.4			34.3	
3.60	26.2	681	2.10	32.3		8.60	7.3	696	2.14	37.9		13.60	31.7			35.6	
3.70	25.0	642	2.10	37.1		8.70	6.5	735	2.21	35.9		13.70	31.1				
3.80	22.2	682	2.09	38.4		8.80	9.4	736	2.19	35.0		13.80	30.6				
3.90	20.4	511	2.12	35.4		8.90	10.0	721	2.13	31.6		13.90	29.8				
4.00	21.0	744	2.14	36.8		9.00	14.5	582	2.08	26.7							
4.10	22.9	729	2.16	36.8		9.10	19.0	658	2.07	29.6							
4.20	25.2	566	2.20	34.9		9.20	13.8	681	2.08	41.9							
4.30	25.7	566	2.19	30.2		9.30	13.3	727	2.14	36.6							
4.40	23.2	766	2.18	32.7		9.40	12.7	735	2.16	35.9							
4.50	25.6	627	2.18	32.9		9.50	12.1	712	2.17	32.6							
4.60	25.6	565	2.15	31.9		9.60	16.3	696	2.17	29.9							
4.70	22.3	611	2.18	33.1		9.70	14.3	472	2.17	31.7							
4.80	25.1	541	2.17	33.2		9.80	15.7	658	2.22	31.4							
4.90	31.7	566	2.13	32.0		9.90	17.2	650	2.24	30.4							
revision : 10-May-2005 – Ax7																	



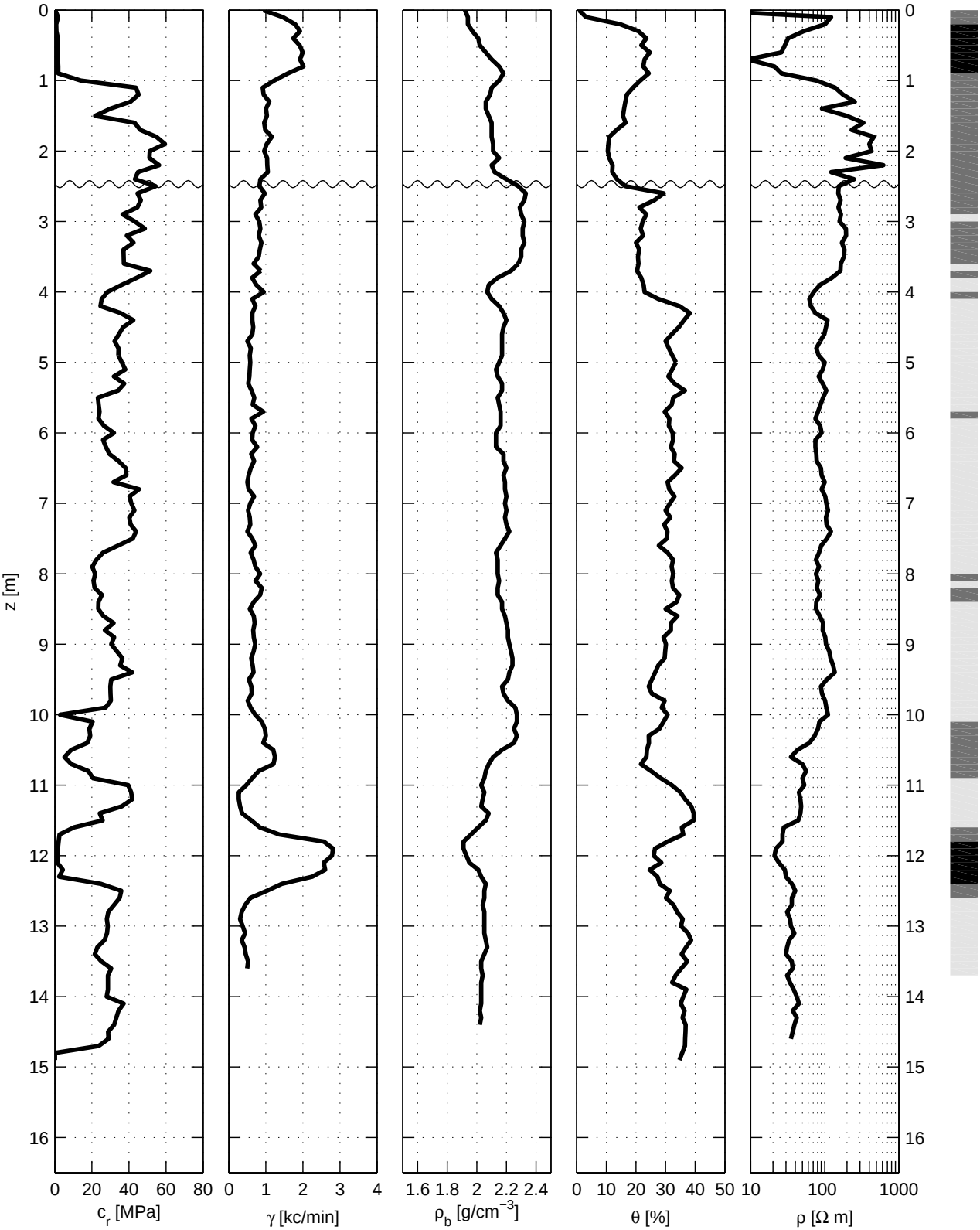
142		date: 24.08.2004		local coordinates : x=29.93m, y=100.95m, h=98.34m						water table z_w : 2.47m depth z_{max} : 14.70m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1045	1.94		5	5.00	34.9	604	2.19	31.9	103	10.00	27.2	759	2.20	29.2	101
0.10	1.8	1641	1.94	6.9	98	5.10	35.8	588	2.21	31.0	102	10.10	32.9	541	2.21	30.9	105
0.20	2.5	1687	1.97	19.7	72	5.20	34.6	650	2.22	30.3	99	10.20	33.0	612	2.24	30.3	109
0.30	2.9	1702	1.96	24.1	51	5.30	36.6	620	2.20	31.5	111	10.30	34.0	689	2.23	27.2	108
0.40	2.3	1950	1.96	23.5	34	5.40	31.1	642	2.18	30.6	130	10.40	30.9	650	2.23	28.0	108
0.50	1.8	1822	2.02	22.2	26	5.50	29.5	574	2.16	30.3	121	10.50	25.9	781	2.21	28.1	82
0.60	1.4	1877	2.06	22.1	27	5.60	28.3	696	2.14	27.9	92	10.60	21.2	783	2.18	27.0	78
0.70	1.5	1989	2.08	22.8	25	5.70	27.3	705	2.13	28.3	95	10.70	24.7	859	2.18	25.9	66
0.80	1.9	1950	2.16	25.1	33	5.80	21.2	681	2.13	30.8	97	10.80	11.3	1194	2.15	27.2	65
0.90	3.8	1512	2.17	23.9	60	5.90	15.1	812	2.09	32.1	97	10.90	3.6	1512	2.11	26.3	39
1.00	16.2	1292	2.16	23.1	190	6.00	13.3	743	2.09	32.0	87	11.00	1.3	1470	2.10	25.2	29
1.10	37.9	1246	2.12	20.4	220	6.10	8.2	781	2.09	31.2	72	11.10	1.4	1896	2.10	24.9	28
1.20	44.6	1091	2.12	16.4	210	6.20	16.8	836	2.12	32.0	74	11.20	6.8	1806	2.09	23.6	42
1.30	31.0	952	2.13	15.4	228	6.30	23.9	667	2.15	32.9	79	11.30	22.9	1029	2.06	25.3	58
1.40	24.0	1091	2.14	16.0	234	6.40	27.9	743	2.17	33.9	89	11.40	13.3	744	2.05	25.0	50
1.50	51.2	1093	2.15	18.6	305	6.50	34.6	611	2.16	33.9	101	11.50	3.8	900	2.00	34.6	41
1.60	54.3	913	2.15	16.1	250	6.60	38.4	634	2.16	31.5	111	11.60	1.5	1958	1.97	30.7	29
1.70	60.5	929	2.12	14.8	354	6.70	37.9	565	2.15	31.5	103	11.70	1.2	2623	1.99	28.3	30
1.80	66.6	890	2.10	14.5	340	6.80	30.8	480	2.18	29.1	92	11.80		2685	2.04	24.9	29
1.90	59.7	866	2.10	14.1	372	6.90	33.8	541	2.20	33.7	101	11.90	1.5	2391	2.05	25.5	27
2.00	58.5	944	2.10	13.7	549	7.00	34.9	472	2.19	31.5	125	12.00	12.0	2120	2.06	25.7	31
2.10	66.0	959	1.95	12.2	248	7.10	38.2	696	2.19	32.0	118	12.10	10.6	1215	2.06	24.4	40
2.20	49.9	844	1.98	11.1	512	7.20	35.3	541	2.20	29.7	111	12.20	11.3	627	2.08	28.3	49
2.30	59.2	1029	1.98	12.1	234	7.30	38.3	526	2.20	28.7	111	12.30	14.5	820	2.05	31.9	51
2.40	50.5	845	2.11	13.2	185	7.40	34.2	512	2.20	30.6	125	12.40	20.3	588	2.05	32.1	52
2.50	34.5	998	2.28	22.0	118	7.50	35.2	588	2.20	31.5	122	12.50	27.2	566	2.04	32.2	53
2.60	36.5	1031	2.30	28.2	128	7.60	33.0	512	2.17	27.4	115	12.60	33.6	434	2.05	31.3	48
2.70	35.5	805	2.31	24.1	187	7.70	31.5	636	2.13	27.7	99	12.70	35.9	364	2.05	36.0	47
2.80	40.4	905	2.30	23.3	191	7.80	24.7	604	2.11	30.6	88	12.80	35.3	426	2.04	35.4	45
2.90	43.9	775	2.30	22.4	164	7.90	16.4	642	2.10	30.5	75	12.90	36.0	317	2.04	33.9	42
3.00	34.6	991	2.29	21.4	175	8.00	13.2	836	2.12	33.1	70	13.00	36.1		2.04	35.5	44
3.10	40.5	766	2.29	21.7	191	8.10	9.6	936	2.17	36.6	74	13.10	36.6		2.04	34.5	44
3.20	41.8	751	2.31	23.9	177	8.20	17.4	913	2.18	30.4	60	13.20	35.5		2.04	35.5	44
3.30	44.3	658	2.32	22.8	188	8.30	27.2	884	2.19	29.3	73	13.30	32.5		2.05	33.3	46
3.40	46.7	643	2.33	21.3	216	8.40	31.6	650	2.19	29.0	81	13.40	30.0		2.06	35.2	45
3.50	43.7	720	2.32	22.0	229	8.50	30.0	519	2.18	26.9	102	13.50	30.1		2.05	33.5	41
3.60	56.7	650	2.31	20.5	209	8.60	23.4	604	2.15	27.6	104	13.60	33.8		2.03	35.4	42
3.70	38.4	673	2.29	20.0	195	8.70	21.4	627	2.16	30.4	105	13.70	34.6		2.03	34.0	43
3.80	44.8	596	2.25	19.6	191	8.80	16.0	773	2.15	31.3	88	13.80	34.0			33.5	43
3.90	41.4	541	2.16	21.7	169	8.90	20.7	681	2.18	32.3	95	13.90	33.3			35.9	42
4.00	27.9	588	2.09	21.0	106	9.00	24.1	619	2.20	31.3	92	14.00	34.5			35.6	46
4.10	26.4	658	2.09	25.0	81	9.10	26.2	705	2.21	29.9	95	14.10	35.5			34.4	48
4.20	25.0	720	2.07	30.8	71	9.20	30.4	766	2.24	29.5	100	14.20	25.8			35.0	43
4.30	23.5	781	2.09	38.5	67	9.30	36.4	596	2.24	28.0	119	14.30	21.3				
4.40	24.7	766	2.10	36.5	75	9.40	34.2	503	2.20	29.7	130	14.40	27.2				
4.50	27.0	681	2.12	36.4	79	9.50	32.9	675	2.16	26.9	154	14.50	28.2				
4.60	27.6	634	2.16	34.6	78	9.60	15.3	1016	2.12	26.5	84	14.60	36.7				
4.70	30.8	844	2.16	32.5	83	9.70	19.3	1045	2.16	26.0	69	14.70	38.8				
4.80	30.8	573	2.18	34.0	87	9.80	23.2	766	2.17	30.2	84						
4.90	34.2	651	2.19	32.8	103	9.90	31.0	588	2.19	27.7	93						
revision : 10-May-2005 – AxT																	

142	date: 24.08.2004	local coordinates : x=29.93m, y=100.95m, h=98.34m	water table z_w : 2.47m depth $z_{\max}$: 14.70m
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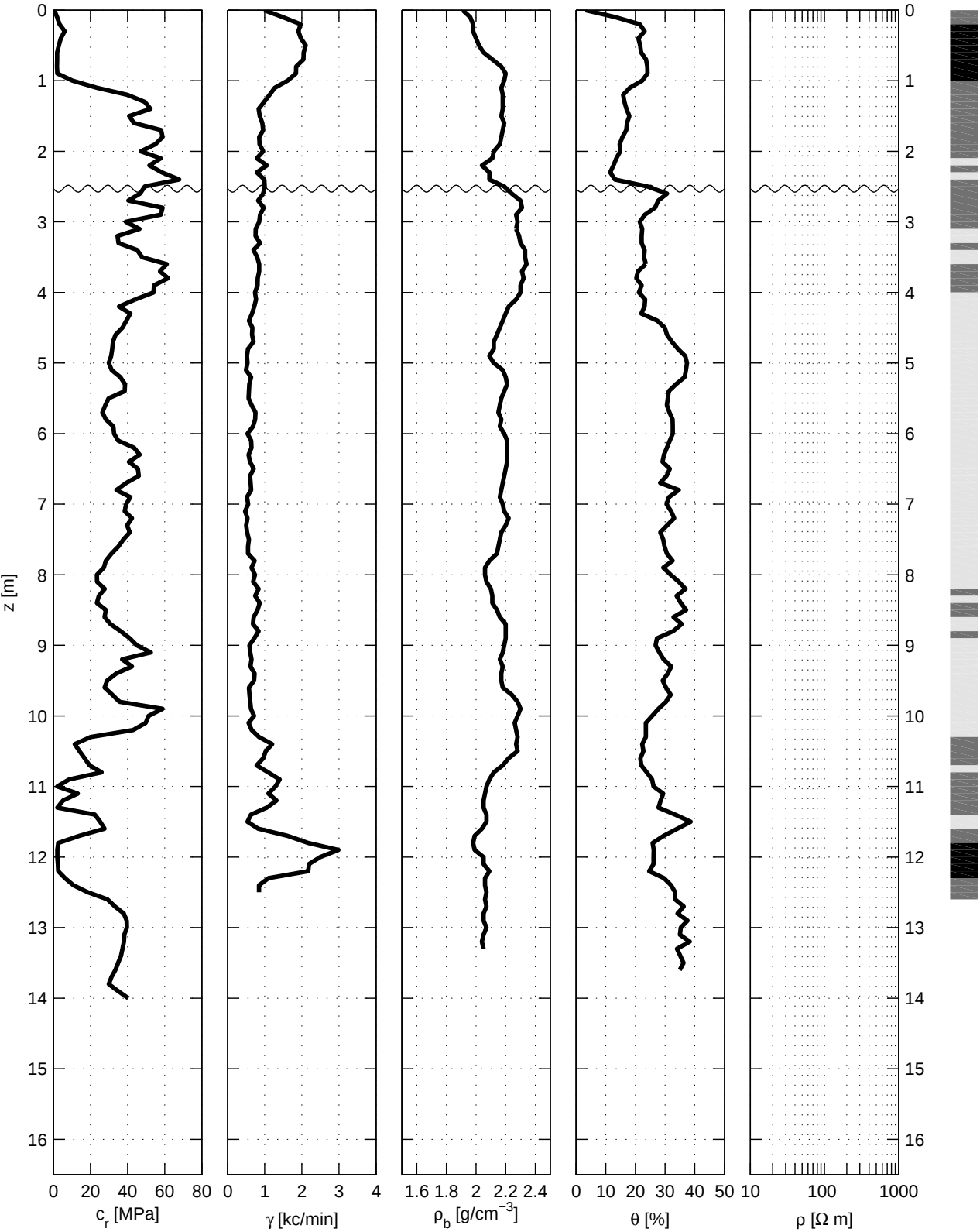
143		date: 25.08.2004		local coordinates : x=31.74m, y=103.14m, h=98.32m						water table z_w : 2.47m depth z_{max} : 14.90m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		929	1.92		2	5.00	36.2	580	2.15	33.5	100	10.00	2.8	712	2.27	30.7	111
0.10	1.7	1458	1.94	3.2	122	5.10	38.0	565	2.13	32.2	94	10.10	20.4	890	2.27	29.3	85
0.20		1791	1.94	14.7	101	5.20	31.8	557	2.14	30.9	83	10.20	18.6	975	2.25	27.9	81
0.30		1919	1.97	20.9	52	5.30	37.4	526	2.17	33.0	94	10.30	19.1	998	2.27	24.3	73
0.40	1.6	1737	2.01	23.5	32	5.40	34.2	612	2.17	36.5	105	10.40	17.5	929	2.25	24.4	62
0.50	1.4	1911	2.02	21.8	29	5.50	23.2	689	2.14	32.6	95	10.50	8.8	1199	2.17	23.7	43
0.60	1.3	1996	2.06	24.7	26	5.60	23.6	642	2.15	32.1	88	10.60	5.2	1246	2.11	23.5	35
0.70	1.6	1923	2.10	22.9	9	5.70	24.1	929	2.16	29.7	81	10.70	8.9	1207	2.08	21.7	50
0.80	1.8	2016	2.15	22.5	21	5.80	23.5	611	2.16	31.3	75	10.80	18.1	805	2.06	25.1	56
0.90	1.8	1597	2.18	24.3	26	5.90	26.5	720	2.16	31.1	87	10.90	20.6	627	2.05	28.4	50
1.00	14.0	1225	2.15	21.5	77	6.00	31.9	642	2.13	32.4	91	11.00	39.6	472	2.03	32.1	53
1.10	43.7	913	2.10	19.0	138	6.10	26.0	627	2.13	32.5	75	11.10	41.2	271	2.05	35.0	45
1.20	45.2	938	2.09	16.9	176	6.20	27.6	766	2.13	31.8	75	11.20	41.8	271	2.04	36.6	47
1.30	40.8	1091	2.06	16.4	255	6.30	29.4	604	2.18	33.1	77	11.30	36.2	302	2.03	38.7	48
1.40	29.9	1006	2.06	16.0	92	6.40	34.4	681	2.18	32.8	78	11.40	24.2	356	2.08	39.5	47
1.50	21.8	1029	2.08	15.6	198	6.50	38.2	596	2.20	35.4	89	11.50	25.8	611	2.06	39.5	44
1.60	43.1	952	2.10	16.5	333	6.60	38.6	534	2.18	33.2	91	11.60	10.3	836	2.01	35.5	28
1.70	46.1	985	2.10	13.5	230	6.70	31.6	503	2.19	30.7	100	11.70	2.5	1364	1.96	36.0	27
1.80	54.8	1161	2.10	11.0	460	6.80	45.4	534	2.19	31.2	91	11.80	2.0	2566	1.91	30.7	27
1.90	59.4	1024	2.11	10.7	400	6.90	40.3	681	2.20	33.0	102	11.90	1.6	2816	1.91	26.4	22
2.00	51.2	952	2.11	10.5	427	7.00	41.3	580	2.19	31.5	105	12.00	1.4	2786	1.93	26.0	21
2.10	51.0	1031	2.15	11.0	191	7.10	43.0	519	2.20	30.0	111	12.10	1.3	2561	1.95	28.6	24
2.20	56.3	1037	2.10	12.1	618	7.20	40.2	565	2.19	31.6	104	12.20	4.3	2600	2.01	24.6	29
2.30	44.8	1054	2.12	12.0	122	7.30	40.9	580	2.20	29.5	106	12.30	2.3	2252	2.03	27.3	30
2.40	43.3	851	2.20	13.6	250	7.40	43.8	503	2.22	30.6	121	12.40	24.8	1431	2.06	28.0	36
2.50	54.4	828	2.28	16.5	155	7.50	42.1	634	2.19	30.4	107	12.50	35.9	1029	2.05	31.4	40
2.60	44.6	967	2.33	29.4	152	7.60	34.2	720	2.16	27.7	90	12.60	35.0	580	2.05	30.1	36
2.70	46.4	851	2.32	26.2	164	7.70	26.0	588	2.13	30.7	84	12.70	31.9	441	2.04	32.7	36
2.80	44.5	874	2.29	21.2	153	7.80	22.4	666	2.14	32.5	76	12.80	28.9	348	2.05	33.9	31
2.90	36.5	720	2.30	23.5	166	7.90	20.2	720	2.14	32.0	84	12.90	28.1	302	2.05	35.8	34
3.00	43.2	820	2.32	22.3	158	8.00	21.8	845	2.14	32.6	76	13.00	28.6	371	2.05	35.2	35
3.10	48.6	851	2.31	21.6	193	8.10	20.9	720	2.15	32.1	82	13.10	28.2	441	2.05	37.6	39
3.20	38.8	805	2.31	22.4	194	8.20	21.5	890	2.14	32.5	78	13.20	26.8	349	2.06	38.6	33
3.30	42.5	882	2.32	20.0	171	8.30	25.4	844	2.14	34.6	87	13.30	22.9	426	2.07	36.9	31
3.40	37.0	836	2.30	21.1	185	8.40	23.5	673	2.17	33.7	77	13.40	21.6	458	2.05	35.4	30
3.50	37.1	805	2.30	20.7	182	8.50	23.4	565	2.17	30.0	76	13.50	25.1	519	2.03	37.3	36
3.60	37.2	667	2.28	20.9	165	8.60	26.2	675	2.19	34.0	86	13.60	30.4	495	2.03	35.3	37
3.70	51.5	859	2.23	20.4	163	8.70	31.7	698	2.20	31.8	95	13.70	28.7		2.04	33.4	31
3.80	44.2	627	2.14	21.8	125	8.80	27.0	659	2.21	31.8	94	13.80	28.7		2.03	32.2	34
3.90	36.1	743	2.08	22.6	87	8.90	32.0	673	2.21	29.3	102	13.90	28.7		2.03	37.0	38
4.00	28.4	946	2.07	22.9	71	9.00	30.4	712	2.22	30.1	104	14.00	28.0		2.03	36.0	42
4.10	25.3	634	2.10	27.6	62	9.10	33.5	667	2.23	29.9	115	14.10	37.1		2.03	35.1	45
4.20	24.6	720	2.15	34.7	65	9.20	36.4	604	2.24	29.7	120	14.20	34.4		2.02	36.4	37
4.30	35.5	634	2.18	38.2	75	9.30	35.3	643	2.24	27.5	130	14.30	33.2		2.03	35.7	42
4.40	42.4	634	2.20	36.2	109	9.40	41.8	666	2.22	26.5	137	14.40	32.0		2.02	36.8	39
4.50	36.8	658	2.18	34.5	104	9.50	30.4	541	2.21	25.4	107	14.50	28.8			36.7	37
4.60	34.6	634	2.17	32.1	99	9.60	29.9	611	2.17	24.3	89	14.60	29.0			36.6	35
4.70	32.2	503	2.17	30.0	87	9.70	30.0	620	2.18	25.3	92	14.70	23.6			36.5	
4.80	34.4	596	2.17	31.1	77	9.80	30.2	512	2.21	29.7	101	14.80				35.6	
4.90	34.3	565	2.17	32.3	83	9.90	27.4	588	2.26	28.7	105	14.90				34.7	
revision : 10-May-2005 – AxT																	

143	date: 25.08.2004	local coordinates : x=31.74m, y=103.14m, h=98.32m	water table z_w : 2.47m depth $z_{\max}$: 14.90m
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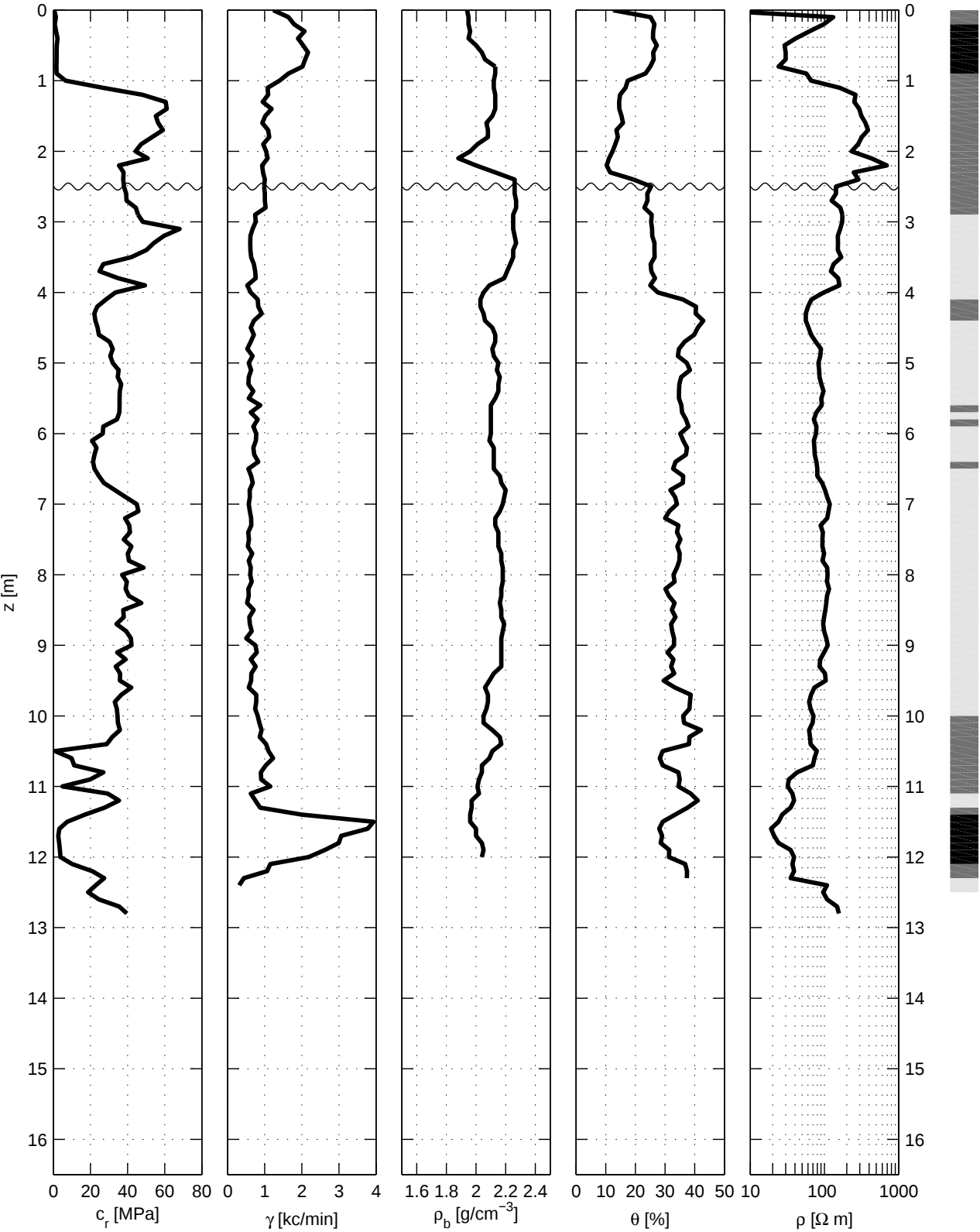
144		date: 25.08.2004		local coordinates : x=34.27m, y=106.64m, h=98.38m		water table z_w : 2.53m depth z_{max} : 14.00m											
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		983	1.91	3.2		5.00	29.8	535	2.12	37.4		10.00	51.2	713	2.28	25.6	
0.10	2.0	1488	1.96	13.2		5.10	31.4	496	2.18	37.0		10.10	49.8	565	2.26	23.5	
0.20	3.3	1969	1.98	21.5		5.20	36.1	636	2.20	36.6		10.20	43.0	651	2.27	23.5	
0.30	6.1	1904	1.98	23.1		5.30	38.6	582	2.21	33.7		10.30	20.1	845	2.28	23.5	
0.40	4.0	1973	2.00	21.0		5.40	38.4	573	2.19	31.2		10.40	11.5	1202	2.27	22.3	
0.50	2.9	2105	2.02	21.6		5.50	29.7	566	2.17	30.9		10.50	14.1	1029	2.28	22.7	
0.60	2.0	2051	2.05	21.9		5.60	28.0	650	2.16	30.6		10.60	16.8	961	2.22	21.7	
0.70	2.0	2043	2.11	23.6		5.70	26.4	751	2.15	31.5		10.70	19.5	783	2.18	22.0	
0.80	1.9	1845	2.17	24.0		5.80	28.3	743	2.17	32.5		10.80	26.0	1091	2.12	23.8	
0.90	2.1	1841	2.20	24.1		5.90	32.3	682	2.16	32.6		10.90	8.4	1401	2.09	25.6	
1.00	10.3	1617	2.19	22.3		6.00	32.7	534	2.19	32.6		11.00	2.1	1292	2.07	26.1	
1.10	23.5	1269	2.17	18.1		6.10	34.9	634	2.21	31.6		11.10	13.2	1098	2.06	29.4	
1.20	39.8	1130	2.18	15.9		6.20	43.5	643	2.21	30.6		11.20	5.2	1318	2.05	28.5	
1.30	49.3	983	2.18	16.3		6.30	46.5	566	2.21	29.6		11.30	2.1	1052	2.05	27.8	
1.40	52.3	836	2.18	17.0		6.40	40.7	604	2.21	29.1		11.40	22.3	628	2.07	33.4	
1.50	40.9	866	2.17	18.0		6.50	45.5	705	2.20	31.6		11.50	25.2	534	2.07	38.6	
1.60	43.4	936	2.19	17.2		6.60	46.0	604	2.19	30.5		11.60	27.6	828	2.04	34.1	
1.70	58.1	959	2.18	16.9		6.70	39.3	619	2.18	28.3		11.70	14.0	1613	1.99	29.5	
1.80	58.8	851	2.17	15.6		6.80	34.0	636	2.17	34.6		11.80	2.6	2174	1.98	25.8	
1.90	55.0	859	2.16	14.7		6.90	41.5	519	2.16	31.3		11.90	2.1	2987	1.99	26.2	
2.00	47.1	959	2.12	14.9		7.00	39.2	557	2.18	30.5		12.00	2.1	2491	2.05	26.1	
2.10	57.9	789	2.11	13.6		7.10	38.4	472	2.19	32.0		12.10	2.4	2190	2.05	26.1	
2.20	51.7	1060	2.04	12.6		7.20	42.4	535	2.22	33.1		12.20	2.6	2174	2.09	24.6	
2.30	58.4	789	2.09	11.5		7.30	39.7	503	2.20	30.7		12.30	6.3	1101	2.06	29.6	
2.40	67.8	991	2.09	13.1		7.40	41.2	526	2.17	28.4		12.40	10.8	845	2.06	32.0	
2.50	49.3	998	2.19	24.0		7.50	37.7	573	2.16	29.4		12.50	18.5	845	2.07	33.4	
2.60	46.7	961	2.24	30.7		7.60	35.1	549	2.15	29.8		12.60	29.1		2.06	33.4	
2.70	40.4	820	2.30	27.7		7.70	31.3	551	2.14	30.6		12.70	33.2		2.07	36.3	
2.80	58.8	975	2.31	26.6		7.80	28.3	729	2.09	32.5		12.80	37.9		2.05	34.2	
2.90	57.9	874	2.27	23.2		7.90	27.2	642	2.06	29.4		12.90	39.5		2.05	37.6	
3.00	39.0	853	2.28	21.5		8.00	23.4	735	2.06	31.9		13.00	39.6		2.07	35.3	
3.10	46.4	759	2.27	22.3		8.10	23.5	689	2.07	34.6		13.10	38.2		2.05	35.0	
3.20	34.6	751	2.29	22.1		8.20	27.7	836	2.10	36.9		13.20	38.0		2.04	38.3	
3.30	35.1	876	2.30	22.1		8.30	24.5	744	2.11	33.9		13.30	37.2		2.05	34.0	
3.40	45.1	698	2.33	23.1		8.40	23.4	866	2.11	35.3		13.40	36.4			35.1	
3.50	47.8	797	2.33	22.9		8.50	28.3	805	2.14	37.1		13.50	34.9			36.2	
3.60	61.1	851	2.34	23.5		8.60	27.6	704	2.16	32.8		13.60	33.4			34.9	
3.70	57.5	853	2.31	20.9		8.70	30.7	682	2.20	35.6		13.70	31.3				
3.80	61.8	812	2.32	20.3		8.80	36.3	836	2.20	32.7		13.80	29.8				
3.90	54.2	807	2.30	22.1		8.90	41.2	720	2.20	27.3		13.90	34.9				
4.00	54.0	735	2.30	21.2		9.00	44.9	588	2.19	26.8		14.00	40.4				
4.10	44.1	766	2.27	23.3		9.10	52.5	611	2.18	28.1							
4.20	35.4	720	2.22	23.1		9.20	37.0	643	2.16	29.5							
4.30	41.5	658	2.20	22.0		9.30	42.4	612	2.18	32.1							
4.40	39.3	573	2.18	27.4		9.40	33.9	729	2.17	30.9							
4.50	37.2	666	2.16	29.9		9.50	29.0	712	2.17	29.2							
4.60	33.5	658	2.14	30.7		9.60	27.6	573	2.18	30.3							
4.70	32.1	696	2.12	32.3		9.70	31.7	588	2.24	31.9							
4.80	31.7	549	2.12	34.3		9.80	35.7	611	2.28	30.3							
4.90	31.1	519	2.09	36.8		9.90	58.8	627	2.30	27.8							
revision : 10-May-2005 – AxT																	

144	date: 25.08.2004	local coordinates : x=34.27m, y=106.64m, h=98.38m	water table z_w : 2.53m depth $z_{\max}$: 14.00m
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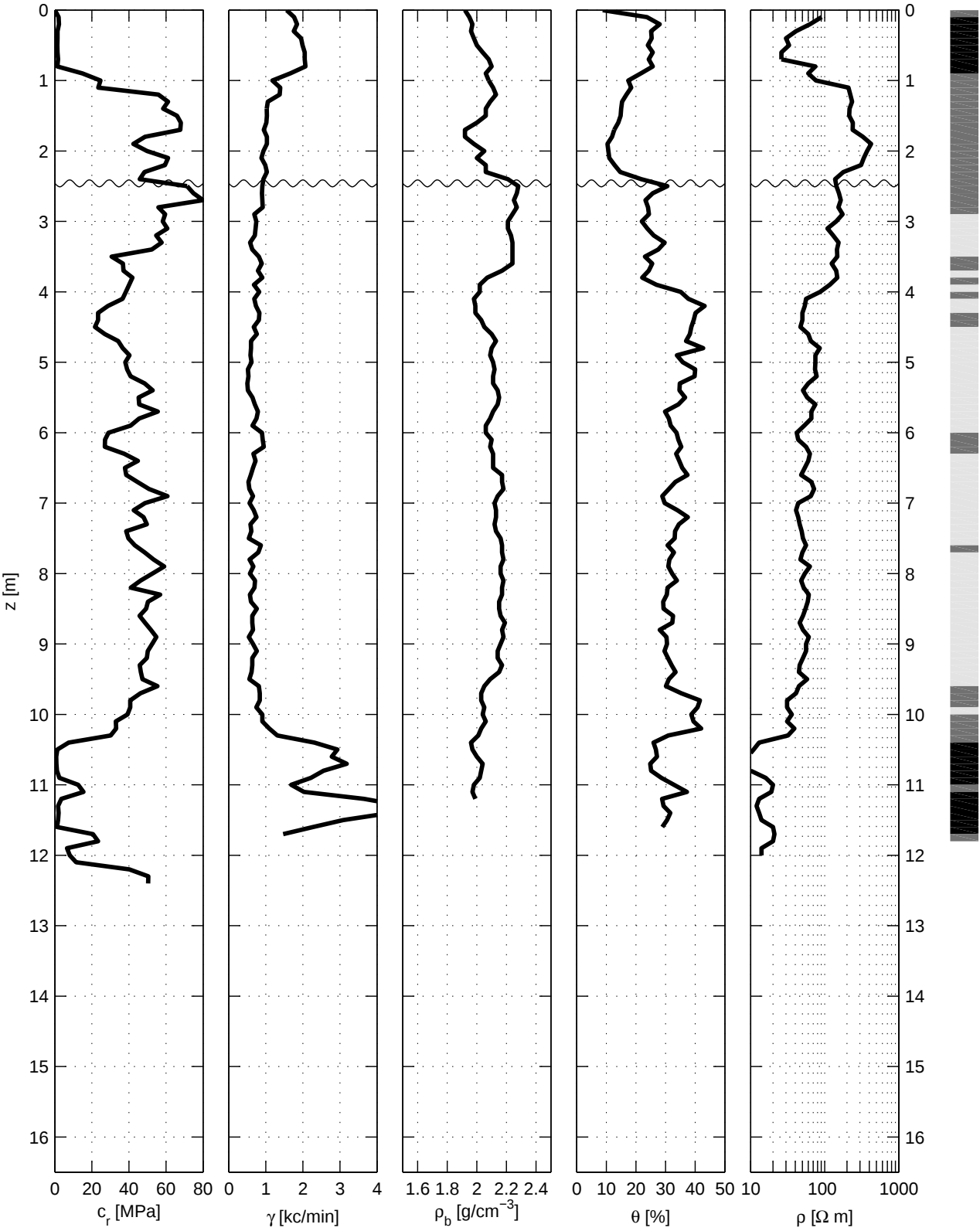
145	date: 29.08.2004					local coordinates : x=26.91m, y=83.92m, h=98.33m					water table z_w : 2.50m depth z_{max} : 12.80m						
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %
0.00		1232	1.94	12.5	3	5.00	32.0	569	2.15	37.3	83	10.00	34.6	811	2.05	36.1	71
0.10	1.3	1638	1.95	25.1	131	5.10	35.2	632	2.14	38.4	85	10.10	34.8	858	2.05	36.4	69
0.20		1794	1.95	26.4	98	5.20	34.7	569	2.16	35.4	86	10.20	35.9	913	2.11	42.1	62
0.30	1.4	2075	1.96	26.0	63	5.30	36.5	562	2.15	34.8	91	10.30	31.7	866	2.16	38.2	64
0.40	2.2	1895	1.95	25.9	41	5.40	35.8	694	2.15	34.7	97	10.40	28.8	1037	2.17	38.1	65
0.50	1.8	2036	2.00	27.2	29	5.50	35.7	569	2.13	34.7	91	10.50		1100	2.11	29.2	79
0.60	1.7	2168	2.04	26.0	30	5.60	35.7	881	2.10	35.5	92	10.60	9.8	1225	2.09	28.2	73
0.70	1.7	2090	2.06	26.2	30	5.70	35.6	624	2.10	35.7	78	10.70	11.2	1030	2.04	29.2	70
0.80	1.6	2020	2.13	25.0	24	5.80	34.3	811	2.10	37.0	72	10.80	27.0	897	2.04	34.5	43
0.90	1.7	1638	2.13	23.4	57	5.90	26.9	694	2.10	37.9	78	10.90	19.8	905	2.02	34.9	33
1.00	6.6	1396	2.12	17.4	66	6.00	26.6	772	2.10	35.1	77	11.00	4.9	1154	2.01	34.5	32
1.10	26.8	1076	2.12	16.7	161	6.10	20.9	764	2.09	36.1	72	11.10	29.2	624	2.02	38.6	37
1.20	48.0	1092	2.13	14.8	263	6.20	23.2	694	2.12	37.4	73	11.20	35.4	749	1.97	41.0	39
1.30	60.5	944	2.13	14.5	252	6.30	22.1	718	2.12	37.0	74	11.30	27.6	874	1.97	37.6	35
1.40	61.1	1186	2.13	14.6	294	6.40	21.4	827	2.12	33.5	78	11.40	17.0	1997	1.96	33.4	27
1.50	55.2	1014	2.11	15.3	314	6.50	22.1	562	2.12	32.7	80	11.50	7.4	3931	1.96	29.2	24
1.60	56.5	936	2.07	15.8	357	6.60	24.5	632	2.16	36.1	80	11.60	3.2	3775	2.00	28.0	19
1.70	59.0	1092	2.08	13.6	386	6.70	27.2	679	2.17	36.0	93	11.70	2.6	3058	2.00	29.0	21
1.80	53.2	1123	2.08	14.1	318	6.80	33.1	593	2.20	31.8	102	11.80	3.1	2995	2.04	28.5	24
1.90	47.3	959	2.01	13.2	284	6.90	39.0	601	2.19	33.4	109	11.90	3.5	2621	2.05	31.4	35
2.00	44.2	1037	1.96	12.3	232	7.00	44.9	569	2.18	34.0	118	12.00	3.8	2184	2.04	31.3	39
2.10	50.9	1076	1.88	11.1	427	7.10	45.8	601	2.16	31.4	113	12.10	10.1	1154		36.8	37
2.20	35.4	928	2.00	10.3	693	7.20	38.6	632	2.13	30.0	109	12.20	21.0	1061		37.4	39
2.30	37.8	952	2.13	11.5	248	7.											

145	date: 29.08.2004	local coordinates : x=26.91m, y=83.92m, h=98.33m	water table z_w : 2.50m depth $z_{\max}$: 12.80m
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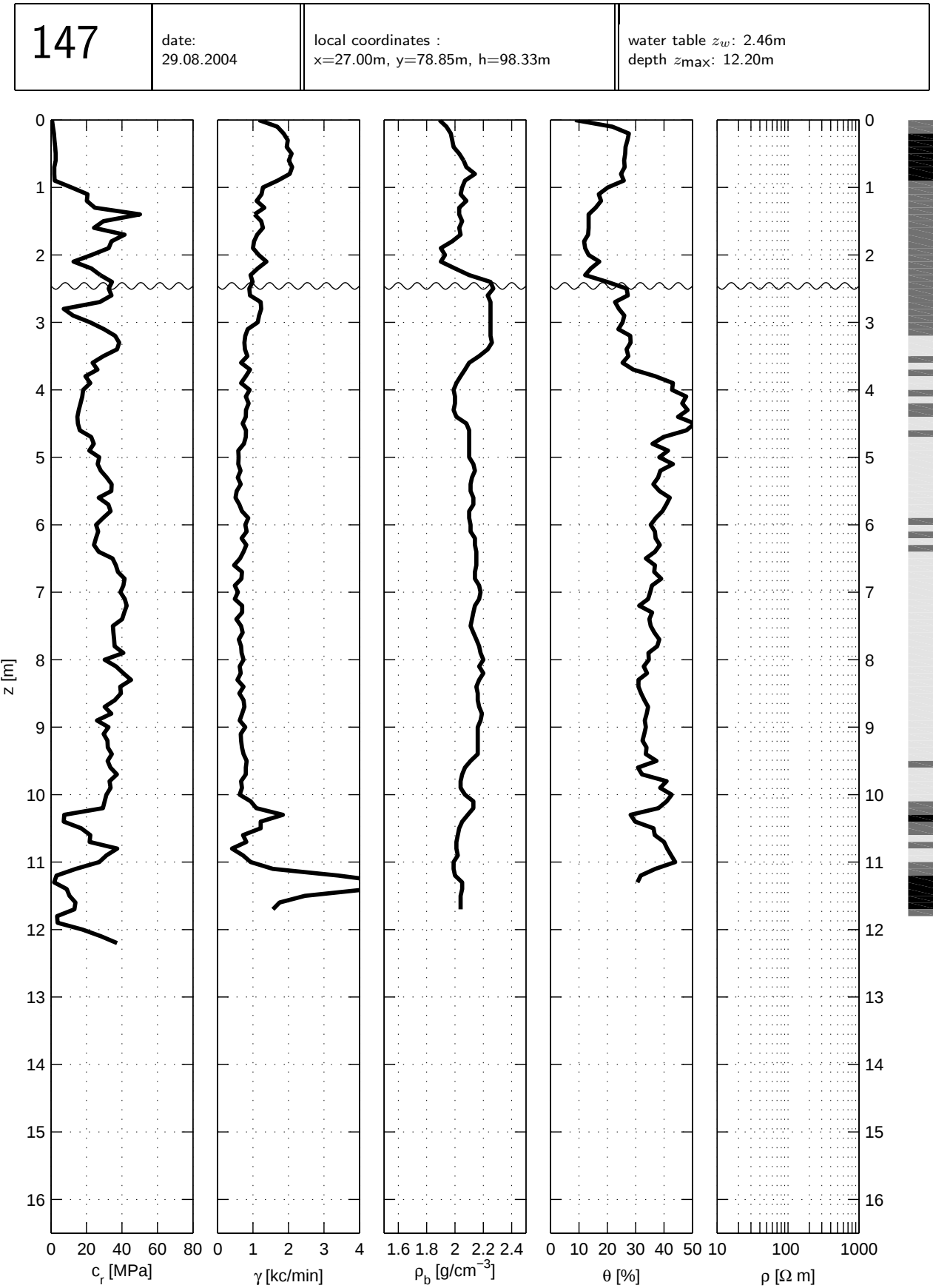


146		date: 29.08.2004		local coordinates : x=26.74m, y=81.30m, h=98.31m						water table z_w : 2.46m depth z_{max} : 12.40m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1560	1.92	8.8		5.00	38.0	616	2.11	35.8	75	10.00	39.2	905	2.04	38.7	36
0.10	2.0	1763	1.95	23.7	91	5.10	39.0	515	2.12	40.0	74	10.10	32.9	905	2.06	39.4	31
0.20	2.2	1841	1.97	28.0	63	5.20	40.9	530	2.11	39.8	78	10.20	33.1	1092	2.03	42.0	39
0.30	1.4	1755	1.96	25.1	41	5.30	48.5	499	2.11	34.8	60	10.30	30.1	1310	2.01	30.9	32
0.40	1.4	1950	1.98	25.3	30	5.40	52.8	515	2.14	34.7	51	10.40	7.4	2309	1.96	25.9	13
0.50	1.3	1989	2.00	24.0	33	5.50	45.2	640	2.15	36.6	58	10.50	1.3	2933	1.97	26.7	11
0.60	1.4	2051	2.04	25.7	26	5.60	45.5	702	2.14	34.3	75	10.60		2777	2.00	27.1	9
0.70	1.7	2051	2.08	24.3	26	5.70	55.6	788	2.11	29.8	66	10.70		3182	2.04	24.8	8
0.80	1.3	2067	2.10	25.7	75	5.80	45.5	749	2.09	31.1	66	10.80	1.1	2558	2.03	25.1	10
0.90	14.8	1661	2.06	21.7	60	5.90	40.9	640	2.06	31.7	53	10.90	2.4	2215	2.02	28.6	16
1.00	24.6	1178	2.08	17.4	76	6.00	29.0	897	2.06	33.7	42	11.00	12.6	1685	1.98	32.8	20
1.10	23.4	1388	2.11	18.4	209	6.10	27.1	913	2.10	34.3	44	11.10	15.4	2028	1.97	37.2	19
1.20	55.9	1373	2.13	16.8	222	6.20	27.0	944	2.09	35.3	56	11.20	3.5	3650	1.99	28.8	13
1.30	61.1	1053	2.09	15.3	234	6.30	37.4	663	2.11	33.6	63	11.30	1.7	4711		29.3	12
1.40	58.4	1022	2.06	15.0	216	6.40	44.8	725	2.11	34.6	60	11.40	2.0	4368		31.6	13
1.50	65.9	1030	2.06	14.8	214	6.50	37.8	655	2.11	35.6	54	11.50	1.7	3089		30.5	14
1.60	68.0	1014	2.00	14.0	240	6.60	38.5	593	2.17	37.4	48	11.60	1.1	2278		28.9	20
1.70	67.7	944	1.92	12.7	239	6.70	44.5	530	2.17	33.3	66	11.70	20.6	1466			21
1.80	48.7	1030	1.92	11.9	327	6.80	50.9	554	2.18	31.1	72	11.80	23.3				20
1.90	42.4	1030	1.98	10.4	423	6.90	60.8	655	2.14	28.9	65	11.90	6.6				14
2.00	49.8	936	2.05	10.7	373	7.00	48.7	562	2.12	29.7	44	12.00	8.0				14
2.10	61.1	881	2.00	11.0	338	7.10	42.6	671	2.13	34.0	41	12.10	11.5				
2.20	59.4	983	2.06	12.8	310	7.20	47.9	749	2.13	37.5	44	12.20	40.2				
2.30	48.4	1030	2.06	14.7	178	7.30	49.7	585	2.12	34.5	46	12.30	50.5				
2.40	45.8	936	2.21	21.8	138	7.40	38.5	608	2.13	33.2	49	12.40	50.4				
2.50	71.4	905	2.28	30.6	144	7.50	39.7	538	2.16	33.1	51						
2.60	74.8	897	2.27	25.7	156	7.60	43.2	866	2.17	30.7	56						
2.70	80.0	905	2.25	23.2	165	7.70	48.5	796	2.17	32.8	50						
2.80	55.9	913	2.27	24.1	153	7.80	53.3	562	2.18	31.3	47						
2.90	59.5	686	2.24	24.4	174	7.90	59.0	663	2.16	30.9	63						
3.00	58.2	741	2.21	22.0	143	8.00	52.6	569	2.16	32.2	54						
3.10	60.7	725	2.21	23.8	109	8.10	46.3	710	2.18	33.8	48						
3.20	54.7	702	2.23	26.0	130	8.20	41.0	694	2.17	30.7	52						
3.30	57.7	577	2.24	29.7	154	8.30	56.9	569	2.17	30.4	61						
3.40	52.3	632	2.24	27.5	146	8.40	50.3	601	2.15	29.2	59						
3.50	30.6	811	2.24	23.0	148	8.50	49.3	757	2.15	29.3	55						
3.60	36.7	889	2.24	25.5	124	8.60	45.7	632	2.16	32.5	51						
3.70	37.0	788	2.17	24.3	143	8.70	48.7	632	2.19	32.3	46						
3.80	41.9	905	2.07	22.1	148	8.80	51.8	655	2.17	28.0	51						
3.90	40.1	679	2.02	26.9	117	8.90	54.8	538	2.18	30.3	61						
4.00	38.3	819	2.02	35.1	87	9.00	52.5	655	2.16	30.5	56						
4.10	36.5	686	1.98	37.7	56	9.10	50.2	757	2.14	29.6	56						
4.20	28.7	733	1.99	43.2	54	9.20	49.7	632	2.14	30.8	51						
4.30	23.3	827	1.99	40.1	50	9.30	45.8	632	2.17	32.0	46						
4.40	23.3	811	2.03	39.5	50	9.40	46.4	616	2.15	33.4	45						
4.50	21.7	671	2.05	38.7	47	9.50	47.3	554	2.09	31.1	58						
4.60	27.0	757	2.10	38.2	60	9.60	55.4	811	2.05	30.1	45						
4.70	34.2	601	2.13	36.9	65	9.70	46.2	835	2.03	35.3	41						
4.80	36.6	601	2.10	42.7	86	9.80	40.7	835	2.03	41.6	31						
4.90	40.3	585	2.09	33.8	75	9.90	40.7	741	2.05	40.8	31						
revision : 10-May-2005 – AxT																	

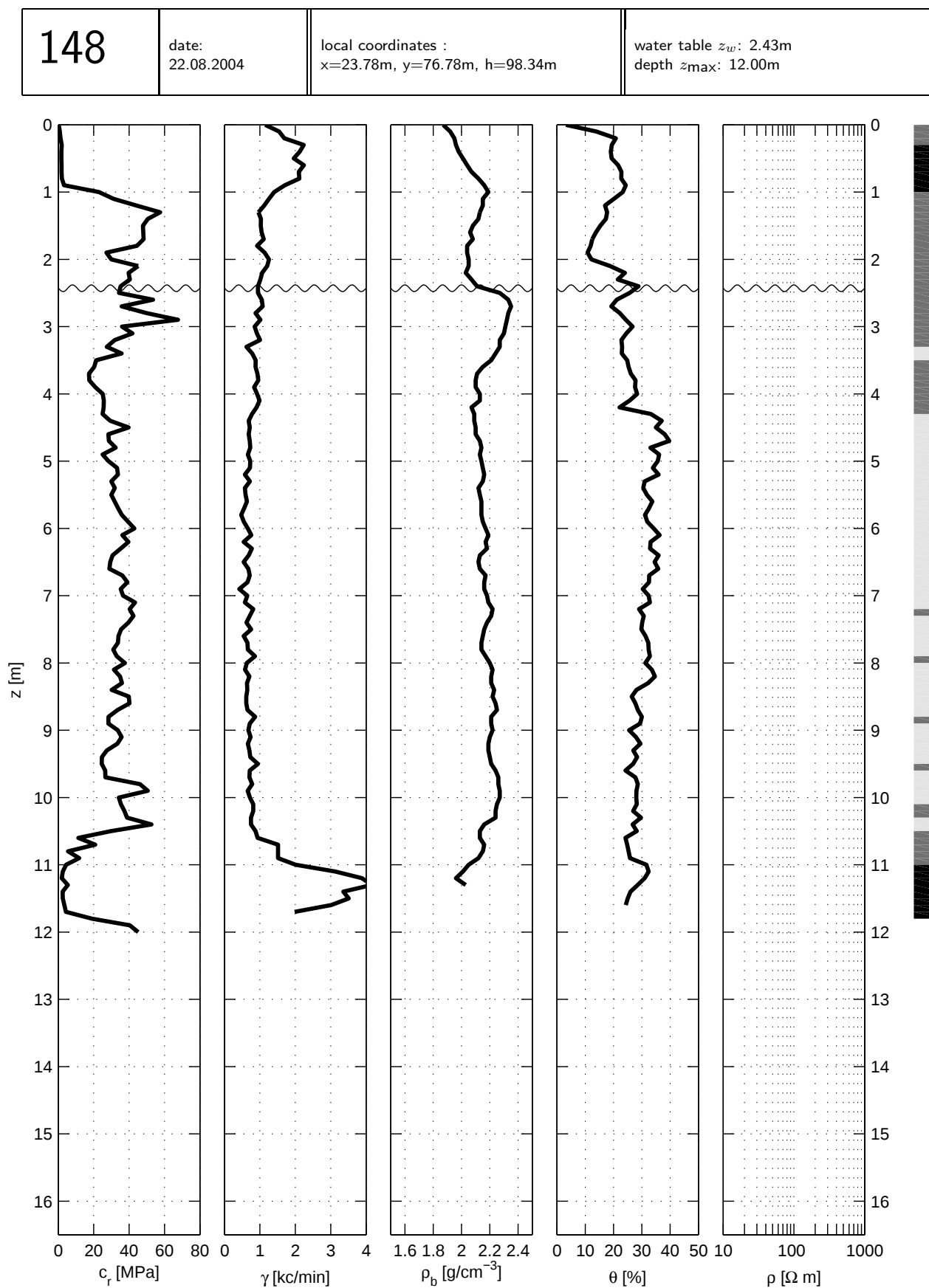
146	date: 29.08.2004	local coordinates : x=26.74m, y=81.30m, h=98.31m	water table z_w : 2.46m depth $z_{\max}$: 12.40m
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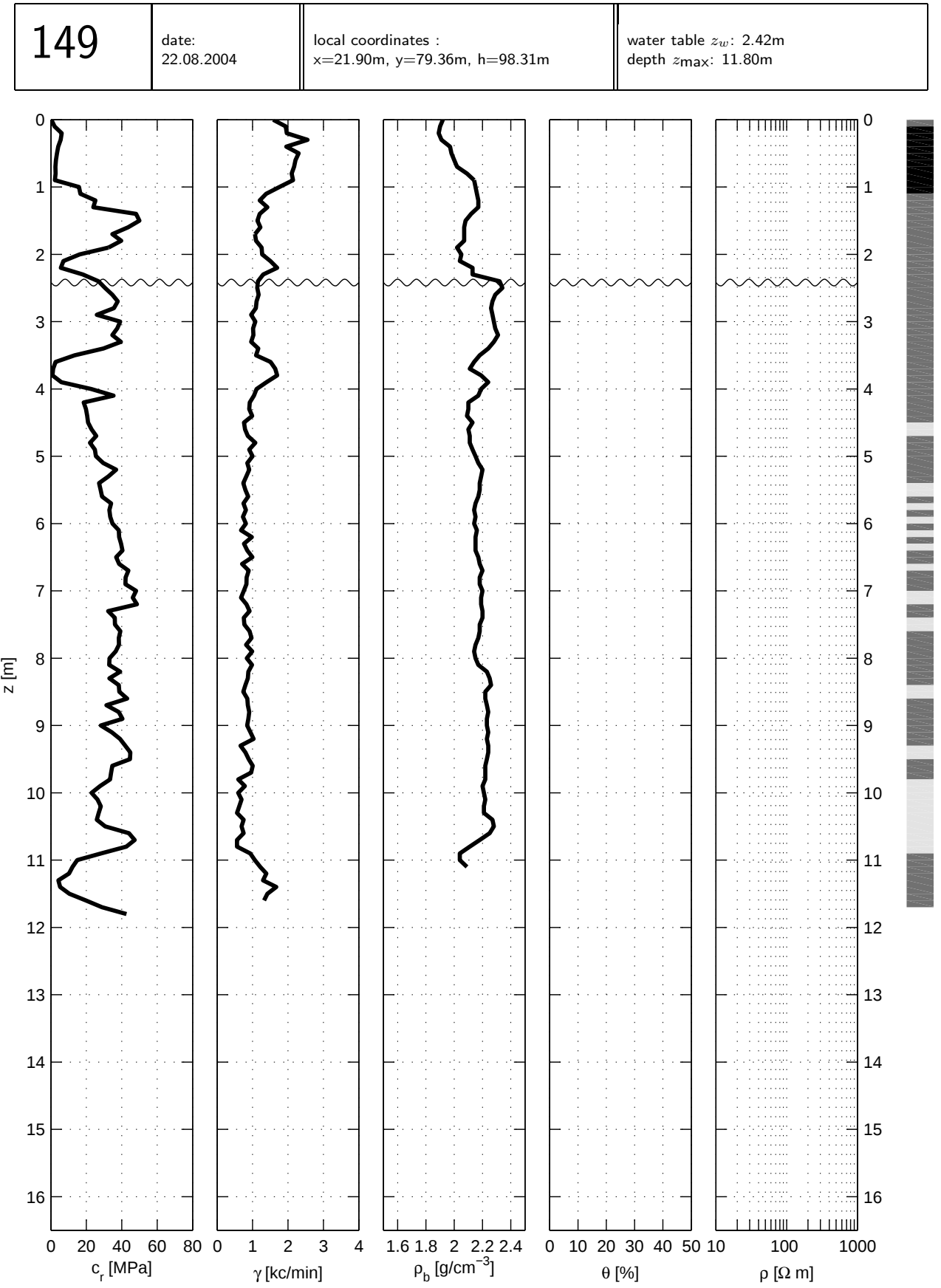
147		date: 29.08.2004		local coordinates : x=27.00m, y=78.85m, h=98.33m				water table z_w : 2.46m depth $z_{\max}$: 12.20m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1162	1.89	8.6		5.00	27.2	593	2.10	38.3		10.00	31.2	624	2.07	42.7	
0.10		1685	1.94	21.8		5.10	26.3	585	2.13	43.1		10.10	30.2	936	2.13	40.9	
0.20	1.6	1864	1.97	27.6		5.20	28.1	647	2.14	38.7		10.20	29.2	1092	2.13	38.0	
0.30	1.9	1981	1.98	27.1		5.30	31.4	569	2.12	37.9		10.30	7.4	1841	2.09	28.2	
0.40	2.3	1950	1.99	26.4		5.40	34.2	655	2.11	36.2		10.40	7.2	1217	2.05	29.8	
0.50	2.6	2090	2.03	26.3		5.50	34.0	538	2.11	38.4		10.50	17.0	1217	2.03	36.3	
0.60	2.6	2012	2.06	25.9		5.60	26.9	507	2.13	42.0		10.60	22.1	718	2.02	36.7	
0.70	1.8	2106	2.08	26.1		5.70	32.3	616	2.13	40.8		10.70	21.8	811	2.01	40.0	
0.80	1.8	2036	2.14	24.8		5.80	33.6	686	2.10	39.4		10.80	37.3	406	2.01	41.1	
0.90	2.0	1693	2.07	25.8		5.90	29.3	866	2.10	37.1		10.90	31.2	718	2.02	42.5	
1.00	11.5	1279	2.05	20.2		6.00	25.4	780	2.11	35.3		11.00	27.2	936	1.99	43.9	
1.10	20.6	1240	2.04	17.0		6.10	26.6	819	2.11	36.8		11.10	14.0	1560	1.99	36.9	
1.20	20.2	1100	2.08	17.8		6.20	25.3	679	2.14	37.0		11.20	3.1	3401	2.00	31.8	
1.30	24.7	1318	2.03	15.9		6.30	24.2	811	2.14	38.5		11.30	1.7	4898	2.05	30.6	
1.40	50.2	1045	2.03	13.4		6.40	26.9	733	2.15	36.8		11.40	8.8	4274	2.05		
1.50	29.5	1232	2.05	13.4		6.50	34.7	632	2.15	33.6		11.50	10.4	2465	2.04		
1.60	24.2	1279	2.03	13.4		6.60	36.5	468	2.15	36.8		11.60	13.8	1747	2.04		
1.70	41.5	1115	2.04	13.2		6.70	37.7	686	2.14	36.5		11.70	13.2	1560	2.04		
1.80	34.1	1030	1.98	11.8		6.80	41.5	671	2.14	39.0		11.80	3.4				
1.90	32.5	998	1.90	12.2		6.90	40.8	484	2.17	35.7		11.90	3.7				
2.00	22.8	1162	1.93	13.4		7.00	39.1	577	2.18	35.1		12.00	17.8				
2.10	12.7	1381	1.90	17.2		7.10	41.6	484	2.17	34.4		12.10	28.2				
2.20	22.7	1131	2.00	14.2		7.20	42.7	694	2.14	31.2		12.20	37.2				
2.30	27.8	928	2.10	12.2		7.30	41.3	694	2.13	35.8							
2.40	34.4	991	2.25	20.0		7.40	40.1	530	2.12	34.8							
2.50	32.5	897	2.27	26.8		7.50	34.9	663	2.11	35.3							
2.60	34.1	913	2.23	27.2		7.60	35.2	710	2.13	36.6							
2.70	27.5	1217	2.25	22.7		7.70	35.6	601	2.15	38.3							
2.80	7.2	1232	2.25	24.1		7.80	35.9	663	2.17	37.6							
2.90	12.4	1170	2.25	26.0		7.90	40.8	679	2.18	34.5							
3.00	22.0	1131	2.25	25.4		8.00	30.2	733	2.20	34.6							
3.10	29.8	850	2.25	23.9		8.10	36.6	624	2.17	32.8							
3.20	36.2	780	2.25	28.1		8.20	40.8	655	2.20	34.0							
3.30	38.4	757	2.26	28.2		8.30	45.1	562	2.17	31.0							
3.40	37.2	772	2.23	26.8		8.40	39.0	733	2.15	31.0							
3.50	29.5	842	2.17	27.4		8.50	39.4	616	2.16	31.9							
3.60	23.4	663	2.10	25.4		8.60	36.0	733	2.16	33.1							
3.70	26.2	913	2.07	29.1		8.70	30.2	757	2.17	34.4							
3.80	19.4	796	2.04	36.9		8.80	34.0	694	2.19	33.9							
3.90	22.1	663	2.01	43.1		8.90	25.9	624	2.18	33.2							
4.00	18.1	905	1.99	42.8		9.00	32.4	780	2.16	33.6							
4.10	17.6	796	2.00	47.8		9.10	29.6	655	2.16	33.0							
4.20	16.6	874	2.00	46.4		9.20	31.8	663	2.16	32.4							
4.30	15.6	803	1.99	48.3		9.30	32.0	686	2.16	33.8							
4.40	14.8	796	2.01	44.9		9.40	34.3	733	2.16	33.6							
4.50	15.1	710	2.08	50.7		9.50	31.9	819	2.11	37.3							
4.60	16.2	803	2.10	47.9		9.60	33.5	796	2.07	30.8							
4.70	22.6	796	2.10	39.8		9.70	37.1	796	2.05	32.2							
4.80	24.1	741	2.10	35.9		9.80	33.0	663	2.04	40.9							
4.90	21.6	585	2.10	41.4		9.90	33.6	686	2.04	38.6							
revision : 10-May-2005 – AxT																	



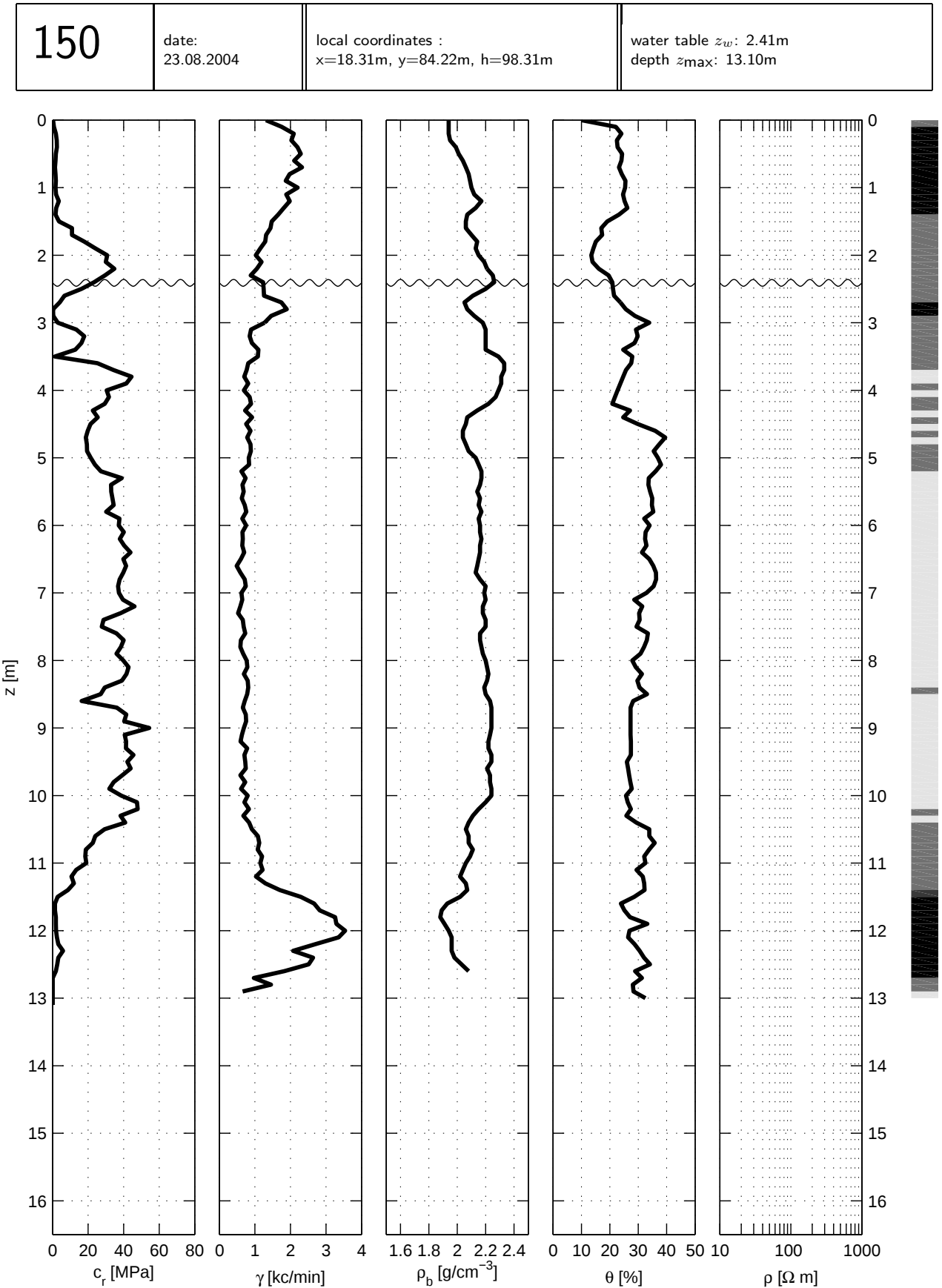
148		date: 22.08.2004		local coordinates : x=23.78m, y=76.78m, h=98.34m				water table z_w : 2.43m depth z_{max} : 12.00m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1145	1.87	3.2		5.00	28.4	729	2.14	35.6		10.00	34.2	718	2.27	28.0	
0.10		1540	1.92	13.9		5.10	33.2	720	2.15	33.9		10.10	35.4	811	2.25	28.2	
0.20	1.2	1687	1.95	20.8		5.20	33.7	573	2.16	35.9		10.20	37.3	811	2.24	26.9	
0.30	1.9	2236	1.96	19.4		5.30	29.9	720	2.15	31.0		10.30	38.8	749	2.24	29.7	
0.40	1.7	2124	1.98	19.0		5.40	31.9	573	2.12	30.5		10.40	52.6	749	2.16	26.7	
0.50	1.7	1958	2.01	19.3		5.50	29.9	596	2.13	31.8		10.50	29.8	874	2.13	28.2	
0.60	1.8	2244	2.04	21.6		5.60	31.8	634	2.14	33.7		10.60	11.3	936	2.13	24.2	
0.70	1.8	2101	2.07	22.8		5.70	33.8	557	2.14	32.5		10.70	20.9	1513	2.16	24.8	
0.80	2.0	2112	2.12	22.7		5.80	35.9	472	2.14	31.1		10.80	5.5	1513	2.15	25.3	
0.90	3.2	1706	2.16	24.3		5.90	39.4	543	2.15	31.9		10.90	11.8	1513	2.12	25.8	
1.00	22.9	1401	2.19	23.3		6.00	43.0	658	2.17	34.2		11.00	4.4	2012	2.05	31.6	
1.10	31.2	1256	2.15	20.1		6.10	36.2	759	2.19	36.3		11.10	2.5	3136	2.01	32.4	
1.20	44.0	1122	2.15	17.0		6.20	39.6	541	2.17	33.1		11.20	1.9	3884	1.96	31.0	
1.30	57.6	961	2.13	17.7		6.30	35.3	773	2.18	32.9		11.30	5.4	4150	2.03	28.5	
1.40	50.6	1029	2.12	17.3		6.40	30.6	681	2.13	35.9		11.40	2.4	3354		26.0	
1.50	47.8	1021	2.08	15.3		6.50	29.3	541	2.12	34.5		11.50	2.5	3510		25.0	
1.60	48.0	1046	2.06	13.8		6.60	28.9	673	2.13	35.8		11.60	3.4	3011		24.3	
1.70	48.2	1106	2.08	12.5		6.70	36.2	712	2.17	32.6		11.70	4.3	1981			
1.80	44.4	921	2.04	11.9		6.80	39.0	650	2.16	32.5		11.80	19.0				
1.90	27.2	1130	2.04	10.8		6.90	35.3	418	2.16	30.3		11.90	40.4				
2.00	29.9	1254	2.05	12.2		7.00	36.5	643	2.18	32.4		12.00	45.1				
2.10	45.1	1207	2.05	18.8		7.10	43.4	573	2.19	32.8							
2.20	39.7	1062	2.03	24.0		7.20	40.3	812	2.22	29.0							
2.30	40.4	1014	2.07	21.5		7.30	42.5	712	2.21	30.7							
2.40	35.2	946	2.11	28.8		7.40	39.6	619	2.18	30.1							
2.50	34.3	944	2.27	25.7		7.50	35.5	751	2.16	29.8							
2.60	53.5	1052	2.33	21.1		7.60	34.0	541	2.15	31.3							
2.70	35.8	1076	2.35	19.2		7.70	33.7	650	2.14	32.3							
2.80	50.0	874	2.33	22.2		7.80	31.0	658	2.14	32.4							
2.90	67.6	1014	2.32	24.3		7.90	33.0	859	2.17	32.8							
3.00	36.0	851	2.31	26.7		8.00	37.6	628	2.20	31.2							
3.10	41.9	913	2.30	24.5		8.10	31.4	580	2.22	33.5							
3.20	31.9	1006	2.27	22.8		8.20	34.9	704	2.21	34.6							
3.30	27.4	619	2.27	23.0		8.30	36.0	634	2.21	32.2							
3.40	35.8	781	2.24	22.9		8.40	30.1	642	2.23	28.1							
3.50	21.4	882	2.21	24.8		8.50	39.8	612	2.22	26.4							
3.60	20.3	876	2.15	25.3		8.60	40.2	612	2.24	27.7							
3.70	17.3	929	2.11	26.1		8.70	33.5	651	2.25	28.6							
3.80	17.5	952	2.10	27.8		8.80	28.4	866	2.21	30.0							
3.90	20.9	836	2.10	27.6		8.90	28.3	712	2.21	29.4							
4.00	25.1	921	2.13	28.3		9.00	33.6	673	2.22	25.5							
4.10	25.7	991	2.13	25.7		9.10	35.8	735	2.20	27.9							
4.20	25.6	905	2.07	22.1		9.20	33.4	658	2.19	29.5							
4.30	25.0	775	2.09	33.2		9.30	27.4	705	2.19	27.0							
4.40	29.3	681	2.09	37.0		9.40	24.6	727	2.20	28.3							
4.50	39.7	712	2.10	34.9		9.50	24.5	946	2.21	26.9							
4.60	28.3	682	2.10	38.1		9.60	26.5	712	2.24	24.2							
4.70	28.6	712	2.13	39.7		9.70	26.6	704	2.26	27.7							
4.80	32.4	727	2.14	33.0		9.80	46.1	781	2.26	28.6							
4.90	25.0	659	2.13	36.1		9.90	50.6	655	2.27	28.1							
revision : 10-May-2005 – Ax7																	



[illegible]

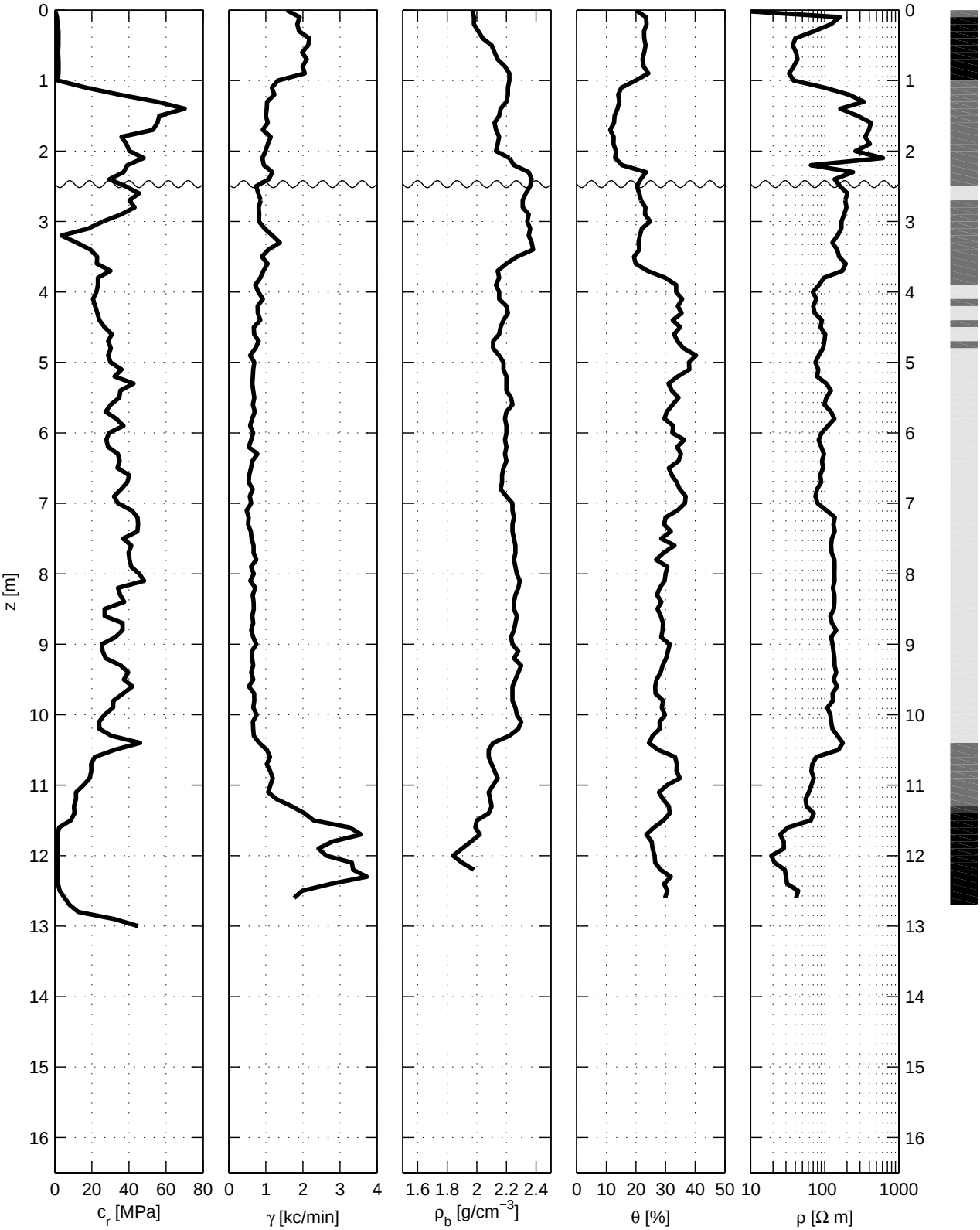


150		date: 23.08.2004		local coordinates : x=18.31m, y=84.22m, h=98.31m						water table z_w : 2.41m depth z_{max} : 13.10m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1308	1.94	10.0		5.00	21.5	828	2.13	36.9		10.00	38.6	799	2.24	25.7	
0.10		1752	1.94	22.1		5.10	23.8	837	2.15	38.0		10.10	47.5	704	2.20	26.3	
0.20	1.8	2094	1.94	24.1		5.20	27.2	619	2.17	36.1		10.20	47.9	829	2.15	27.4	
0.30	2.3	2027	1.95	22.5		5.30	38.9	735	2.17	33.7		10.30	38.2	673	2.11	25.8	
0.40	2.4	2198	1.99	22.7		5.40	32.9	650	2.16	33.6		10.40	40.9	836	2.08	29.3	
0.50	1.8	2291	2.01	24.3		5.50	33.0	681	2.14	34.2		10.50	29.2	913	2.06	33.9	
0.60	1.6	2105	2.04	24.1		5.60	33.7	628	2.16	34.9		10.60	24.0	1084	2.08	33.9	
0.70	1.3	2326	2.06	23.2		5.70	34.4	712	2.15	34.8		10.70	22.6	1122	2.08	35.8	
0.80	1.6	1973	2.08	24.2		5.80	30.1	759	2.17	35.3		10.80	18.7	1078	2.11	33.8	
0.90	1.8	1869	2.09	25.5		5.90	37.6	643	2.15	32.1		10.90	18.4	1199	2.09	32.1	
1.00	1.6	2202	2.10	25.4		6.00	37.2	752	2.16	34.0		11.00	19.0	1154	2.06	32.5	
1.10	1.9	1884	2.12	24.6		6.10	40.1	650	2.16	32.6		11.10	13.3	1217	2.04	29.4	
1.20	3.5	1981	2.17	25.2		6.20	37.8	658	2.17	32.4		11.20	10.6	1030	2.02	31.6	
1.30	2.0	1811	2.13	26.2		6.30	40.3	642	2.16	32.9		11.30	12.0	1295	2.06	32.1	
1.40	1.6	1656	2.07	23.2		6.40	43.8	698	2.16	31.3		11.40	8.6	1700	2.07	32.2	
1.50	3.6	1470	2.06	19.1		6.50	39.8	604	2.15	33.9		11.50	2.8	2293	2.02	28.6	
1.60	10.9	1439	2.06	17.0		6.60	41.4	487	2.14	35.3		11.60	1.3	2668	1.93	23.9	
1.70	10.9	1316	2.10	17.3		6.70	39.8	588	2.13	36.2		11.70	1.3	2824	1.89	25.1	
1.80	17.8	1292	2.14	15.1		6.80	37.7	712	2.16	36.3		11.80	1.8	3260	1.88	27.1	
1.90	24.1	1153	2.13	14.2		6.90	36.8	743	2.20	35.4		11.90	1.8	3292	1.91	33.2	
2.00	30.7	1021	2.15	13.5		7.00	37.3	620	2.19	32.9		12.00	1.9	3541	1.94	26.9	
2.10	29.9	1184	2.19	13.9		7.10	39.6	642	2.20	28.6		12.10	2.4	3354	1.96	26.4	
2.20	34.8	1054	2.21	16.1		7.20	46.1	588	2.18	31.4		12.20	3.2	2699	1.96	28.7	
2.30	29.4	882	2.25	19.6		7.30	38.2	526	2.18	30.3		12.30	5.9	2075	1.96	30.5	
2.40	23.3	1230	2.26	20.9		7.40	28.7	658	2.20	30.5		12.40	3.2	2636	1.98	32.0	
2.50	16.2	1246	2.20	21.1		7.50	27.7	681	2.20	29.4		12.50	2.6	2512	2.03	34.1	
2.60	6.7	1256	2.11	21.5		7.60	36.0	727	2.16	33.4		12.60	1.8	1825	2.08	28.9	
2.70	4.0	1745	2.05	23.7		7.70	40.0	604	2.16	33.0		12.70		967		31.3	
2.80		1896	2.07	25.6		7.80	38.4	588	2.17	32.0		12.80		1451		28.1	
2.90		1458	2.12	28.8		7.90	36.0	667	2.18	30.8		12.90		655		28.3	
3.00	2.9	1269	2.18	33.9		8.00	39.8	766	2.20	27.9		13.00				32.5	
3.10	13.4	890	2.20	29.2		8.10	42.8	789	2.21	29.1		13.10					
3.20	17.8	851	2.20	29.8		8.20	41.6	689	2.22	31.3							
3.30	16.2	913	2.20	28.7		8.30	39.0	797	2.21	29.7							
3.40	12.8	1098	2.20	24.7		8.40	29.3	812	2.19	30.4							
3.50	1.2	1085	2.29	27.9		8.50	27.1	781	2.20	33.1							
3.60	25.2	812	2.33	27.5		8.60	16.3	712	2.23	28.2							
3.70	34.3	766	2.33	25.7		8.70	36.2	658	2.24	27.3							
3.80	44.4	696	2.31	24.7		8.80	41.5	743	2.24	27.3							
3.90	41.5	812	2.31	23.7		8.90	40.3	751	2.24	27.3							
4.00	30.4	689	2.29	22.7		9.00	54.4	689	2.24	27.3							
4.10	31.7	851	2.27	21.8		9.10	40.6	636	2.23	27.3							
4.20	29.3	890	2.22	20.9		9.20	41.4	596	2.22	27.4							
4.30	22.6	721	2.14	27.1		9.30	41.3	781	2.22	27.4							
4.40	25.4	921	2.07	24.7		9.40	45.5	704	2.24	27.4							
4.50	21.4	751	2.06	29.8		9.50	42.1	727	2.24	26.0							
4.60	19.8	874	2.04	36.0		9.60	43.9	743	2.21	26.4							
4.70	18.7	781	2.04	39.5		9.70	39.2	588	2.23	26.8							
4.80	19.3	874	2.06	37.4		9.80	34.4	727	2.23	27.2							
4.90	19.4	884	2.08	35.4		9.90	31.9	611	2.24	27.7							
revision : 10-May-2005 – Ax7																	



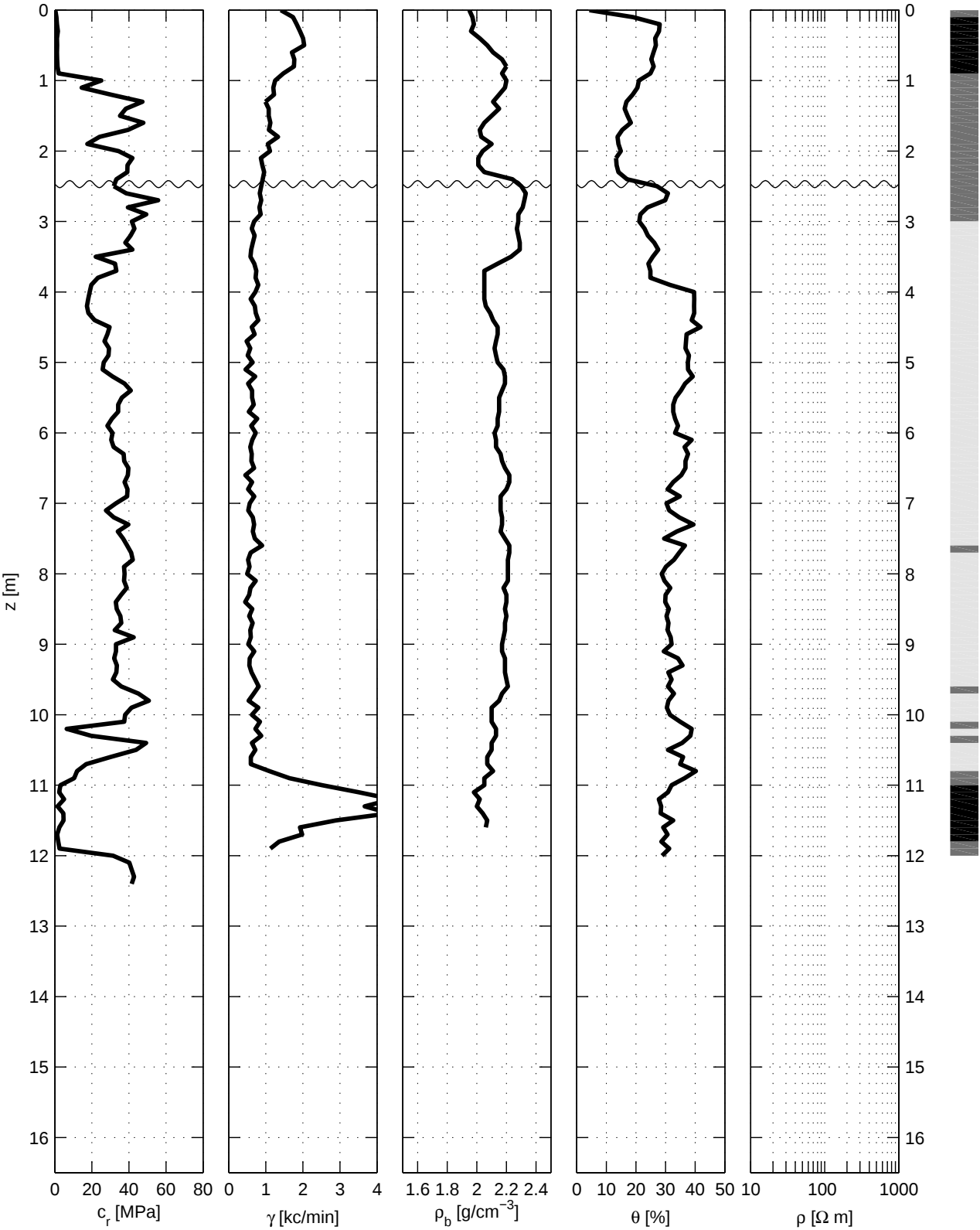
151		date: 23.08.2004		local coordinates : x=16.23m, y=86.98m, h=98.31m						water table z_w : 2.47m depth z_{max} : 13.00m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1563	1.97	19.9	5	5.00	30.0	689	2.18	37.9	75	10.00	26.8	751	2.27	29.8	119
0.10	1.1	1911	1.98	23.4	160	5.10	36.1	658	2.18	38.0	82	10.10	23.9	650	2.30	28.0	122
0.20	1.4	1845	1.98	23.6	121	5.20	32.2	650	2.20	34.1	79	10.20	24.0	658	2.28	28.0	127
0.30	1.9	1896	2.01	22.7	72	5.30	42.5	634	2.20	31.0	105	10.30	30.5	673	2.22	25.6	149
0.40	1.9	2174	2.04	22.8	40	5.40	35.4	658	2.20	32.1	121	10.40	46.0	820	2.11	24.4	175
0.50	1.9	2144	2.10	23.3	37	5.50	34.8	689	2.23	34.4	105	10.50	32.2	1029	2.08	27.5	153
0.60	1.7	1981	2.12	22.8	41	5.60	30.2	650	2.24	32.4	99	10.60	21.6	1114	2.08	33.2	77
0.70	1.9	2105	2.14	22.2	43	5.70	27.4	704	2.20	30.4	121	10.70	19.6	1024	2.10	33.8	68
0.80	2.0	1989	2.19	22.6	38	5.80	33.1	627	2.19	29.6	135	10.80	19.7	1117	2.12	33.7	66
0.90	1.9	2051	2.22	24.2	33	5.90	37.0	573	2.20	32.6	111	10.90	18.8	1186	2.14	34.8	71
1.00	1.6	1326	2.22	19.9	38	6.00	29.2	658	2.20	32.3	91	11.00	15.4	1124	2.11	30.5	66
1.10	16.8	1161	2.21	15.1	100	6.10	27.8	604	2.19	36.3	83	11.10	11.4	1061	2.08	27.8	61
1.20	34.7	1230	2.21	14.0	212	6.20	28.8	535	2.20	33.9	90	11.20	11.4	1295	2.09	29.1	55
1.30	55.2	1031	2.20	14.4	338	6.30	34.1	773	2.19	35.2	98	11.30	10.3	1700	2.10	31.1	57
1.40	70.1	1021	2.16	13.8	162	6.40	35.0	634	2.20	34.4	92	11.40	10.6	2044	2.08	31.4	71
1.50	56.4	1000	2.15	12.8	278	6.50	33.8	597	2.18	31.1	95	11.50	8.5	2293	2.00	29.3	65
1.60	55.4	1052	2.12	12.6	420	6.60	40.1	549	2.17	32.1	87	11.60	2.3	3260	1.99	26.1	32
1.70	52.9	915	2.13	11.3	396	6.70	39.1	534	2.17	33.7	90	11.70	1.4	3572	2.02	23.5	25
1.80	36.0	1130	2.15	12.5	350	6.80	35.8	642	2.16	34.8	79	11.80	1.4	2792	1.96	25.3	28
1.90	38.6	1054	2.14	12.4	406	6.90	31.9	565	2.20	36.8	75	11.90	1.6	2418	1.90	25.6	28
2.00	40.3	991	2.13	13.3	260	7.00	34.1	604	2.24	36.5	80	12.00	1.6	2636	1.84	26.3	19
2.10	48.0	905	2.22	13.0	613	7.10	41.5	480	2.24	34.0	106	12.10	1.6	3323	1.90	26.5	21
2.20	39.1	944	2.25	15.3	65	7.20	44.6	534	2.25	30.0	137	12.20	1.4	3354	1.98	28.3	29
2.30	37.1	1176	2.35	23.4	241	7.30	44.9	519	2.24	29.5	131	12.30	1.3	3728		31.8	30
2.40	29.4	1078	2.37	21.6	136	7.40	44.5	596	2.24	31.8	137	12.40	1.7	2761		29.5	31
2.50	38.0	735	2.36	20.3	161	7.50	36.8	612	2.25	28.5	125	12.50	2.6	1981		30.6	44
2.60	45.4	797	2.33	21.1	202	7.60	41.3	666	2.26	33.0	122	12.60	5.3	1763		29.8	41
2.70	40.3	859	2.31	21.7	189	7.70	39.8	666	2.26	29.4	124	12.70	8.0				
2.80	43.1	805	2.31	23.2	197	7.80	40.3	744	2.25	26.8	135	12.80	12.7				
2.90	35.9	820	2.35	23.0	183	7.90	41.2	597	2.26	30.6	136	12.90	32.2				
3.00	25.9	812	2.34	24.8	169	8.00	45.6	673	2.27	30.0	135	13.00	44.9				
3.10	18.0	967	2.36	22.0	168	8.10	48.2	580	2.29	29.7	136						
3.20	3.6	1178	2.35	21.3	149	8.20	34.1	720	2.28	28.0	129						
3.30	11.8	1377	2.37	20.9	127	8.30	35.3	643	2.26	27.1	135						
3.40	19.2	1068	2.38	21.1	147	8.40	37.4	666	2.25	28.6	135						
3.50	22.8	890	2.27	19.3	157	8.50	26.9	675	2.25	27.3	133						
3.60	22.6	1046	2.20	19.9	192	8.60	26.9	634	2.27	28.4	119						
3.70	30.0	936	2.14	23.9	173	8.70	36.5	658	2.26	29.1	125						
3.80	23.2	851	2.15	29.9	98	8.80	36.5	604	2.25	29.0	143						
3.90	23.2	712	2.13	33.6	84	8.90	32.6	658	2.23	28.5	122						
4.00	22.4	797	2.15	33.6	69	9.00	25.3	743	2.24	31.4	128						
4.10	20.6	922	2.15	35.6	77	9.10	25.8	620	2.28	30.8	131						
4.20	21.8	775	2.20	34.1	70	9.20	27.5	627	2.25	30.2	135						
4.30	22.9	781	2.21	35.4	73	9.30	35.6	658	2.30	29.0	136						
4.40	24.0	851	2.18	32.4	92	9.40	39.6	604	2.28	28.3	143						
4.50	26.8	673	2.16	34.9	88	9.50	37.2	658	2.26	27.0	132						
4.60	30.7	681	2.15	32.9	102	9.60	41.9	541	2.24	26.5	146						
4.70	28.8	807	2.11	34.0	99	9.70	36.8	681	2.24	26.6	128						
4.80	30.2	720	2.11	36.1	95	9.80	31.6	689	2.24	29.2	129						
4.90	28.8	573	2.15	40.3	83	9.90	31.4	659	2.26	28.7	108						
revision : 10-May-2005 – AxT																	

151	date: 23.08.2004	local coordinates : x=16.23m, y=86.98m, h=98.31m	water table z_w : 2.47m depth $z_{\max}$: 13.00m
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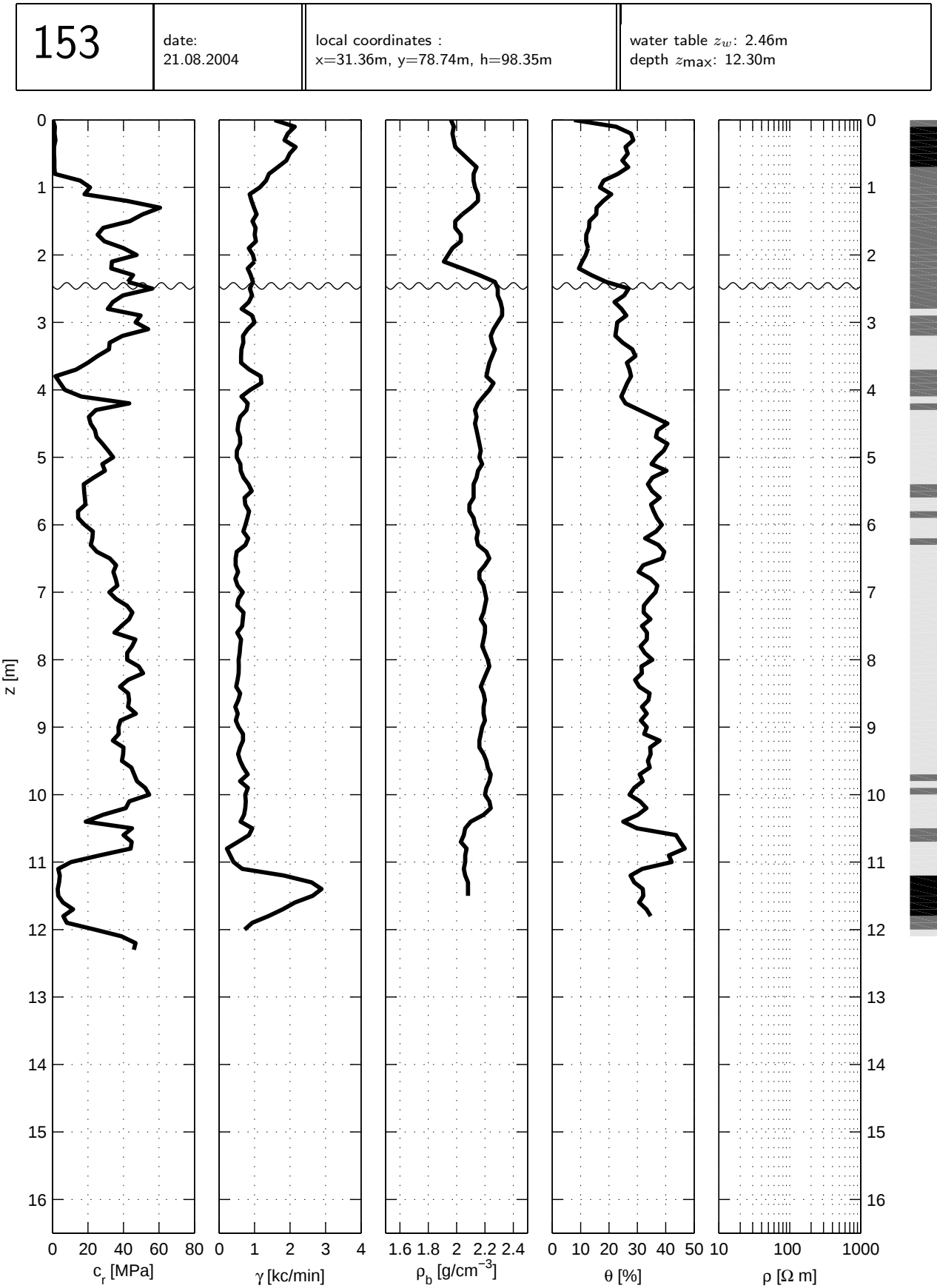


152		date: 22.08.2004		local coordinates : x=29.21m, y=75.58m, h=98.37m				water table z_w : 2.47m depth $z_{\max}$: 12.40m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1401	1.95	4.3		5.00	26.4	642	2.14	37.5		10.00	37.9	624	2.10	31.5	
0.10		1734	1.97	19.0		5.10	25.8	450	2.18	37.6		10.10	37.4	842	2.10	34.9	
0.20	1.1	1830	1.98	28.0		5.20	31.1	712	2.19	39.2		10.20	6.4	718	2.13	38.8	
0.30	1.6	1919	1.96	27.8		5.30	37.6	519	2.19	36.6		10.30	19.6	874	2.13	38.4	
0.40	1.1	2004	2.02	26.5		5.40	41.0	628	2.17	35.2		10.40	49.3	624	2.10	35.6	
0.50	1.2	2035	2.07	26.7		5.50	36.2	628	2.15	33.4		10.50	43.8	718	2.10	30.8	
0.60	1.1	1702	2.11	25.9		5.60	34.2	673	2.15	32.6		10.60	30.0	593	2.07	35.9	
0.70	1.2	1768	2.17	25.2		5.70	34.2	541	2.15	32.6		10.70	16.9	593	2.07	34.9	
0.80	1.4	1760	2.20	26.0		5.80	30.8	768	2.14	33.2		10.80	12.0	1092	2.11	40.2	
0.90	2.0	1470	2.17	24.9		5.90	28.4	604	2.14	34.2		10.90	10.4	1638	2.05	36.4	
1.00	25.1	1248	2.20	21.0		6.00	31.1	727	2.12	33.2		11.00	3.0	2512	2.05	32.0	
1.10	14.5	1202	2.19	20.5		6.10	30.4	634	2.13	38.8		11.10	2.3	3510	1.98	30.8	
1.20	30.2	1223	2.15	18.9		6.20	31.7	580	2.13	36.4		11.20	5.0	4399	2.02	27.7	
1.30	47.3	991	2.11	16.8		6.30	37.1	619	2.16	37.6		11.30	1.4	3666	2.00	28.5	
1.40	38.3	1076	2.15	16.2		6.40	37.4	611	2.17	36.7		11.40	4.6	4337	2.04	28.3	
1.50	35.2	1076	2.10	17.2		6.50	39.7	681	2.19	36.7		11.50	4.7	2886	2.07	32.6	
1.60	47.8	1122	2.05	18.3		6.60	39.4	448	2.22	35.3		11.60	2.4	1919	2.06	29.2	
1.70	39.5	1084	2.02	15.4		6.70	37.6	628	2.22	32.6		11.70	1.2	1981		30.7	
1.80	24.1	1331	2.03	13.8		6.80	39.2	519	2.20	30.7		11.80	1.8	1357		28.6	
1.90	17.5	1052	2.10	14.1		6.90	39.0	689	2.16	34.8		11.90	2.5	1123		31.2	
2.00	34.4	1114	2.04	14.9		7.00	33.0	565	2.16	30.3		12.00	31.4			28.8	
2.10	41.9	866	2.01	13.3		7.10	27.6	526	2.16	31.2		12.10	40.2				
2.20	39.2	905	2.01	13.5		7.20	31.8	650	2.17	34.6		12.20	41.5				
2.30	39.1	952	2.05	14.1		7.30	39.7	682	2.17	39.4		12.30	42.8				
2.40	33.2	913	2.24	17.0		7.40	34.0	650	2.16	33.8		12.40	41.5				
2.50	31.8	876	2.30	27.1		7.50	36.8	705	2.19	29.5							
2.60	38.5	837	2.33	30.8		7.60	39.0	898	2.22	36.5							
2.70	55.8	876	2.32	29.9		7.70	41.2	590	2.22	34.6							
2.80	39.4	828	2.31	23.9		7.80	42.1	519	2.21	32.8							
2.90	49.4	861	2.28	21.5		7.90	37.3	558	2.21	30.1							
3.00	41.6	681	2.28	21.1		8.00	37.6	495	2.21	28.7							
3.10	43.0	619	2.27	22.9		8.10	37.3	727	2.21	29.6							
3.20	40.9	696	2.28	24.0		8.20	38.8	582	2.18	31.6							
3.30	38.0	651	2.29	26.2		8.30	35.8	549	2.20	30.0							
3.40	41.9	604	2.29	27.5		8.40	32.9	441	2.20	29.9							
3.50	22.0	582	2.23	25.7		8.50	33.4	634	2.19	31.1							
3.60	32.5	689	2.14	24.2		8.60	35.4	549	2.20	30.3							
3.70	33.2	744	2.05	24.9		8.70	35.9	642	2.19	31.0							
3.80	23.2	721	2.05	24.9		8.80	32.3	580	2.19	30.7							
3.90	19.7	799	2.05	31.5		8.90	42.6	596	2.18	31.7							
4.00	18.8	720	2.05	39.6		9.00	33.0	527	2.17	32.0							
4.10	18.0	588	2.05	39.7		9.10	33.0	690	2.17	29.4							
4.20	17.3	704	2.06	39.6		9.20	32.0	565	2.19	34.2							
4.30	18.1	727	2.09	39.7		9.30	33.5	557	2.19	35.7							
4.40	21.5	797	2.11	38.8		9.40	33.2	612	2.19	30.9							
4.50	29.5	620	2.14	41.8		9.50	31.3	712	2.20	32.0							
4.60	28.4	696	2.14	37.1		9.60	35.9	805	2.21	30.8							
4.70	26.8	481	2.13	36.9		9.70	45.1	673	2.17	32.8							
4.80	29.2	580	2.12	36.7		9.80	50.8	534	2.15	31.0							
4.90	29.0	511	2.13	37.9		9.90	41.4	799	2.10	30.4							
revision : 10-May-2005 – AxT																	

152	date: 22.08.2004	local coordinates : x=29.21m, y=75.58m, h=98.37m	water table z_w : 2.47m depth $z_{\max}$: 12.40m
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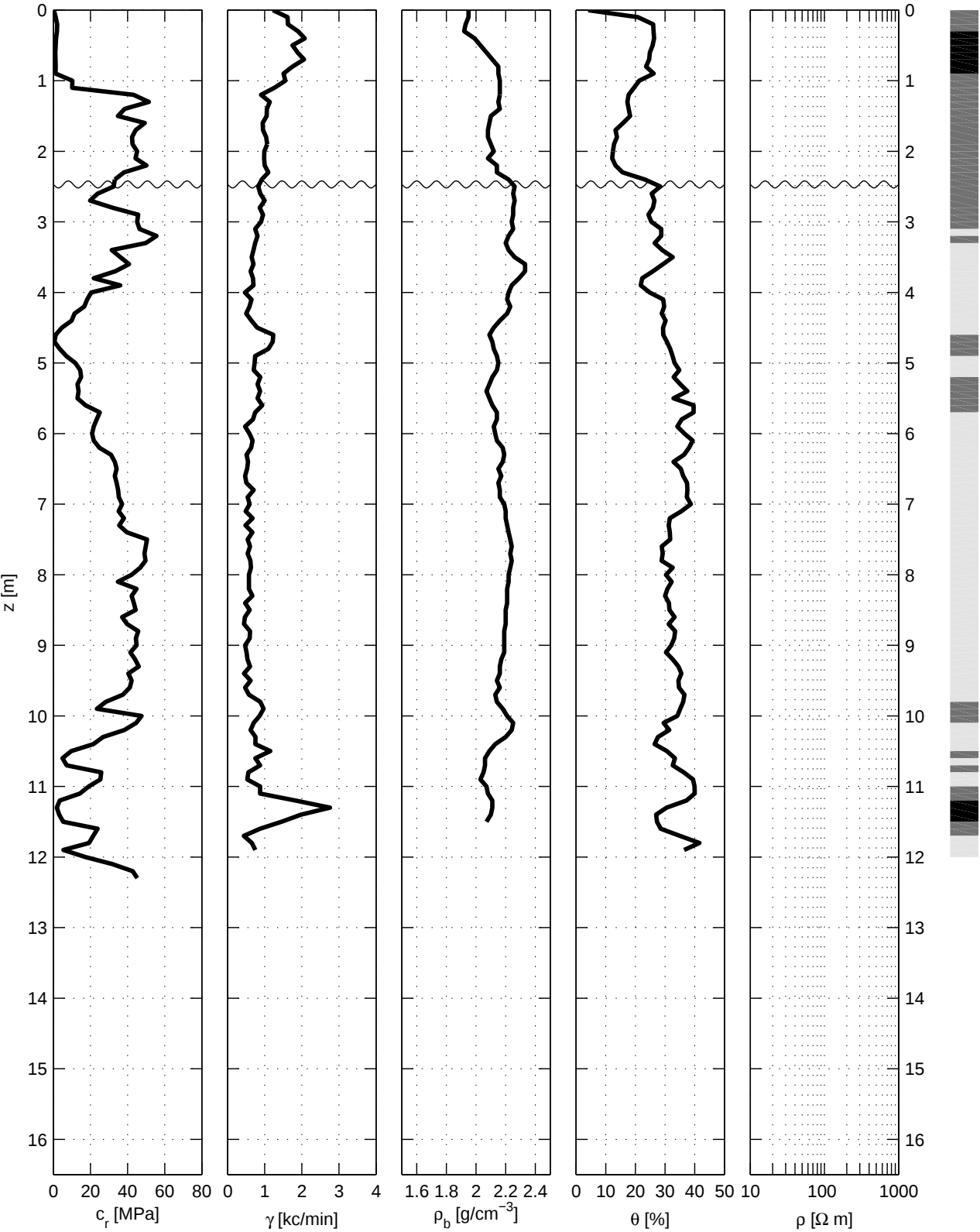


153	date: 21.08.2004					local coordinates : x=31.36m, y=78.74m, h=98.35m					water table z_w : 2.46m depth z_{max} : 12.30m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
<table><tr><td>0.00</td><td></td><td>1563</td><td>1.96</td><td>7.7</td><td></td><td>5.00</td><td>34.2</td><td>495</td><td>2.16</td><td>36.8</td><td></td><td>10.00</td><td>54.5</td><td>735</td><td>2.20</td><td>27.2</td><td></td><td></td></tr><tr><td>0.10</td><td>1.3</td><td>2132</td><td>1.98</td><td>22.5</td><td></td><td>5.10</td><td>28.1</td><td>597</td><td>2.18</td><td>35.0</td><td></td><td>10.10</td><td>43.3</td><td>752</td><td>2.23</td><td>30.9</td><td></td><td></td></tr><tr><td>0.20</td><td>1.1</td><td>1934</td><td>1.97</td><td>27.7</td><td></td><td>5.20</td><td>29.5</td><td>611</td><td>2.15</td><td>40.3</td><td></td><td>10.20</td><td>41.3</td><td>735</td><td>2.24</td><td>33.2</td><td></td><td></td></tr><tr><td>0.30</td><td>1.6</td><td>1841</td><td>1.98</td><td>28.6</td><td></td><td>5.30</td><td>23.2</td><td>689</td><td>2.14</td><td>35.3</td><td></td><td>10.30</td><td>28.4</td><td>704</td><td>2.19</td><td>30.2</td><td></td><td></td></tr><tr><td>0.40</td><td></td><td>2159</td><td>1.99</td><td>25.8</td><td></td><td>5.40</td><td>17.6</td><td>828</td><td>2.12</td><td>33.7</td><td></td><td>10.40</td><td>18.7</td><td>604</td><td>2.10</td><td>25.0</td><td></td><td></td></tr><tr><td>0.50</td><td></td><td>1989</td><td>2.04</td><td>26.6</td><td></td><td>5.50</td><td>17.8</td><td>922</td><td>2.12</td><td>35.2</td><td></td><td>10.50</td><td>44.8</td><td>936</td><td>2.06</td><td>29.8</td><td></td><td></td></tr><tr><td>0.60</td><td></td><td>1896</td><td>2.09</td><td>24.7</td><td></td><td>5.60</td><td>18.2</td><td>720</td><td>2.12</td><td>37.9</td><td></td><td>10.60</td><td>40.0</td><td>842</td><td>2.05</td><td>43.6</td><td></td><td></td></tr><tr><td>0.70</td><td></td><td>1656</td><td>2.14</td><td>26.8</td><td></td><td>5.70</td><td>18.6</td><td>735</td><td>2.09</td><td>34.8</td><td></td><td>10.70</td><td>44.6</td><td>530</td><td>2.03</td><td>45.1</td><td></td><td></td></tr><tr><td>0.80</td><td>1.3</td><td>1401</td><td>2.12</td><td>23.1</td><td></td><td>5.80</td><td>14.4</td><td>844</td><td>2.09</td><td>35.7</td><td></td><td>10.80</td><td>44.0</td><td>218</td><td>2.07</td><td>46.7</td><td></td><td></td></tr><tr><td>0.90</td><td>15.5</td><td>1323</td><td>2.12</td><td>18.1</td><td></td><td>5.90</td><td>14.5</td><td>797</td><td>2.12</td><td>36.9</td><td></td><td>10.90</td><td>26.5</td><td>312</td><td>2.06</td><td>41.1</td><td></td><td></td></tr><tr><td>1.00</td><td>21.2</td><td>1145</td><td>2.13</td><td>16.8</td><td></td><td>6.00</td><td>18.1</td><td>743</td><td>2.13</td><td>38.6</td><td></td><td>11.00</td><td>10.4</td><td>406</td><td>2.06</td><td>42.1</td><td></td><td></td></tr><tr><td>1.10</td><td>18.0</td><td>859</td><td>2.15</td><td>20.8</td><td></td><td>6.10</td><td>22.7</td><td>681</td><td>2.15</td><td>36.6</td><td></td><td>11.10</td><td>3.2</td><td>655</td><td>2.05</td><td>31.7</td><td></td><td></td></tr><tr><td>1.20</td><td>41.9</td><td>913</td><td>2.15</td><td>18.0</td><td></td><td>6.20</td><td>22.4</td><td>820</td><td>2.14</td><td>32.7</td><td></td><td>11.20</td><td>4.1</td><td>1825</td><td>2.06</td><td>27.6</td><td></td><td></td></tr><tr><td>1.30</td><td>60.6</td><td>983</td><td>2.10</td><td>15.6</td><td></td><td>6.30</td><td>21.6</td><td>744</td><td>2.15</td><td>37.4</td><td></td><td>11.30</td><td>3.7</td><td>2605</td><td>2.08</td><td>28.9</td><td></td><td></td></tr><tr><td>1.40</td><td>50.8</td><td>1060</td><td>2.04</td><td>15.5</td><td></td><td>6.40</td><td>25.0</td><td>495</td><td>2.21</td><td>39.5</td><td></td><td>11.40</td><td>2.9</td><td>2886</td><td>2.08</td><td>31.9</td><td></td><td></td></tr><tr><td>1.50</td><td>43.6</td><td>938</td><td>1.99</td><td>13.1</td><td></td><td>6.50</td><td>32.3</td><td>464</td><td>2.23</td><td>38.7</td><td></td><td>11.50</td><td>3.2</td><td>2636</td><td>2.08</td><td>32.1</td><td></td><td></td></tr><tr><td>1.60</td><td>28.6</td><td>1029</td><td>1.99</td><td>13.0</td><td></td><td>6.60</td><td>35.9</td><td>464</td><td>2.20</td><td>32.0</td><td></td><td>11.60</td><td>5.9</td><td>2137</td><td></td><td>30.6</td><td></td><td></td></tr><tr><td>1.70</td><td>25.4</td><td>1006</td><td>2.03</td><td>12.0</td><td></td><td>6.70</td><td>34.3</td><td>534</td><td>2.16</td><td>30.4</td><td></td><td>11.70</td><td>11.6</td><td>1794</td><td></td><td>33.2</td><td></td><td></td></tr><tr><td>1.80</td><td>29.2</td><td>1037</td><td>2.03</td><td>11.9</td><td></td><td>6.80</td><td>35.6</td><td>458</td><td>2.16</td><td>34.7</td><td></td><td>11.80</td><td>6.1</td><td>1388</td><td></td><td>34.7</td><td></td><td></td></tr><tr><td>1.90</td><td>40.0</td><td>836</td><td>1.97</td><td>12.6</td><td></td><td>6.90</td><td>36.5</td><td>519</td><td>2.19</td><td>37.0</td><td></td><td>11.90</td><td>8.0</td><td>936</td><td></td><td></td><td></td><td></td></tr><tr><td>2.00</td><td>47.4</td><td>952</td><td>1.94</td><td>11.8</td><td></td><td>7.00</td><td>32.0</td><td>666</td><td>2.20</td><td>36.4</td><td></td><td>12.00</td><td>23.9</td><td>718</td><td></td><td></td><td></td><td></td></tr><tr><td>2.10</td><td>33.5</td><td>998</td><td>1.91</td><td>10.5</td><td></td><td>7.10</td><td>35.9</td><td>543</td><td>2.21</td><td>34.2</td><td></td><td>12.10</td><td>38.8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2.20</td><td>33.1</td><td>807</td><td>2.04</td><td>9.4</td><td></td><td>7.20</td><td>42.0</td><td>512</td><td>2.20</td><td>32.3</td><td></td><td>12.20</td><td>46.8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2.30</td><td>45.4</td><td>890</td><td>2.16</td><td>13.8</td><td></td><td>7.30</td><td>45.0</td><td>689</td><td>2.19</td><td>32.2</td><td></td><td>12.30</td><td>45.8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2.40</td><td>42.5</td><td>952</td><td>2.27</td><td>19.0</td><td></td><td>7.40</td><td>43.2</td><td>666</td><td>2.17</td><td>34.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2.50</td><td>56.3</td><td>866</td><td>2.29</td><td>26.9</td><td></td><td>7.50</td><td>38.8</td><td>650</td><td>2.20</td><td>31.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2.60</td><td>39.7</td><td>929</td><td>2.29</td><td>25.4</td><td></td><td>7.60</td><td>34.9</td><td>511</td><td>2.20</td><td>33.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2.70</td><td>34.0</td><td>836</td><td>2.31</td><td>21.9</td><td></td><td>7.70</td><td>46.7</td><td>620</td><td>2.19</td><td>33.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2.80</td><td>31.1</td><td>636</td><td>2.32</td><td>24.4</td><td></td><td>7.80</td><td>44.8</td><td>596</td><td>2.18</td><td>31.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2.90</td><td>49.7</td><td>930</td><td>2.32</td><td>26.1</td><td></td><td>7.90</td><td>42.1</td><td>580</td><td>2.20</td><td>32.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.00</td><td>46.8</td><td>998</td><td>2.29</td><td>22.9</td><td></td><td>8.00</td><td>42.1</td><td>551</td><td>2.22</td><td>35.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.10</td><td>53.9</td><td>805</td><td>2.26</td><td>22.6</td><td></td><td>8.10</td><td>48.6</td><td>557</td><td>2.23</td><td>31.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.20</td><td>39.5</td><td>673</td><td>2.24</td><td>22.2</td><td></td><td>8.20</td><td>51.0</td><td>551</td><td>2.21</td><td>31.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.30</td><td>32.2</td><td>681</td><td>2.25</td><td>24.8</td><td></td><td>8.30</td><td>42.6</td><td>519</td><td>2.19</td><td>29.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.40</td><td>31.8</td><td>627</td><td>2.27</td><td>28.2</td><td></td><td>8.40</td><td>38.0</td><td>480</td><td>2.17</td><td>30.7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.50</td><td>25.3</td><td>619</td><td>2.25</td><td>29.3</td><td></td><td>8.50</td><td>42.7</td><td>596</td><td>2.19</td><td>34.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.60</td><td>19.9</td><td>619</td><td>2.23</td><td>26.3</td><td></td><td>8.60</td><td>43.2</td><td>541</td><td>2.20</td><td>33.9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.70</td><td>13.3</td><td>851</td><td>2.22</td><td>27.2</td><td></td><td>8.70</td><td>42.6</td><td>456</td><td>2.19</td><td>31.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.80</td><td>1.6</td><td>1171</td><td>2.21</td><td>27.8</td><td></td><td>8.80</td><td>47.0</td><td>526</td><td>2.19</td><td>33.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3.90</td><td>4.3</td><td>1191</td><td>2.26</td><td>26.4</td><td></td><td>8.90</td><td>38.3</td><td>473</td><td>2.20</td><td>31.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.00</td><td>7.0</td><td>876</td><td>2.23</td><td>25.4</td><td></td><td>9.00</td><td>37.1</td><td>551</td><td>2.18</td><td>33.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.10</td><td>16.2</td><td>627</td><td>2.19</td><td>24.3</td><td></td><td>9.10</td><td>37.3</td><td>673</td><td>2.17</td><td>32.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.20</td><td>43.3</td><td>805</td><td>2.15</td><td>25.8</td><td></td><td>9.20</td><td>34.0</td><td>673</td><td>2.16</td><td>37.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.30</td><td>24.4</td><td>773</td><td>2.13</td><td>30.7</td><td></td><td>9.30</td><td>40.0</td><td>590</td><td>2.16</td><td>34.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.40</td><td>20.5</td><td>596</td><td>2.14</td><td>35.7</td><td></td><td>9.40</td><td>39.8</td><td>534</td><td>2.19</td><td>34.7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.50</td><td>21.5</td><td>541</td><td>2.13</td><td>40.6</td><td></td><td>9.50</td><td>39.1</td><td>596</td><td>2.21</td><td>33.7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.60</td><td>23.9</td><td>519</td><td>2.14</td><td>37.1</td><td></td><td>9.60</td><td>44.4</td><td>681</td><td>2.22</td><td>34.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.70</td><td>24.8</td><td>588</td><td>2.15</td><td>36.5</td><td></td><td>9.70</td><td>46.0</td><td>807</td><td>2.24</td><td>30.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.80</td><td>28.2</td><td>596</td><td>2.16</td><td>40.6</td><td></td><td>9.80</td><td>47.6</td><td>588</td><td>2.23</td><td>31.9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4.90</td><td>31.3</td><td>503</td><td>2.17</td><td>39.3</td><td></td><td>9.90</td><td>52.2</td><td>812</td><td>2.21</td><td>28.9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																			0.00		1563	1.96	7.7		5.00	34.2	495	2.16	36.8		10.00	54.5	735	2.20	27.2			0.10	1.3	2132	1.98	22.5		5.10	28.1	597	2.18	35.0		10.10	43.3	752	2.23	30.9			0.20	1.1	1934	1.97	27.7		5.20	29.5	611	2.15	40.3		10.20	41.3	735	2.24	33.2			0.30	1.6	1841	1.98	28.6		5.30	23.2	689	2.14	35.3		10.30	28.4	704	2.19	30.2			0.40		2159	1.99	25.8		5.40	17.6	828	2.12	33.7		10.40	18.7	604	2.10	25.0			0.50		1989	2.04	26.6		5.50	17.8	922	2.12	35.2		10.50	44.8	936	2.06	29.8			0.60		1896	2.09	24.7		5.60	18.2	720	2.12	37.9		10.60	40.0	842	2.05	43.6			0.70		1656	2.14	26.8		5.70	18.6	735	2.09	34.8		10.70	44.6	530	2.03	45.1			0.80	1.3	1401	2.12	23.1		5.80	14.4	844	2.09	35.7		10.80	44.0	218	2.07	46.7			0.90	15.5	1323	2.12	18.1		5.90	14.5	797	2.12	36.9		10.90	26.5	312	2.06	41.1			1.00	21.2	1145	2.13	16.8		6.00	18.1	743	2.13	38.6		11.00	10.4	406	2.06	42.1			1.10	18.0	859	2.15	20.8		6.10	22.7	681	2.15	36.6		11.10	3.2	655	2.05	31.7			1.20	41.9	913	2.15	18.0		6.20	22.4	820	2.14	32.7		11.20	4.1	1825	2.06	27.6			1.30	60.6	983	2.10	15.6		6.30	21.6	744	2.15	37.4		11.30	3.7	2605	2.08	28.9			1.40	50.8	1060	2.04	15.5		6.40	25.0	495	2.21	39.5		11.40	2.9	2886	2.08	31.9			1.50	43.6	938	1.99	13.1		6.50	32.3	464	2.23	38.7		11.50	3.2	2636	2.08	32.1			1.60	28.6	1029	1.99	13.0		6.60	35.9	464	2.20	32.0		11.60	5.9	2137		30.6			1.70	25.4	1006	2.03	12.0		6.70	34.3	534	2.16	30.4		11.70	11.6	1794		33.2			1.80	29.2	1037	2.03	11.9		6.80	35.6	458	2.16	34.7		11.80	6.1	1388		34.7			1.90	40.0	836	1.97	12.6		6.90	36.5	519	2.19	37.0		11.90	8.0	936					2.00	47.4	952	1.94	11.8		7.00	32.0	666	2.20	36.4		12.00	23.9	718					2.10	33.5	998	1.91	10.5		7.10	35.9	543	2.21	34.2		12.10	38.8						2.20	33.1	807	2.04	9.4		7.20	42.0	512	2.20	32.3		12.20	46.8						2.30	45.4	890	2.16	13.8		7.30	45.0	689	2.19	32.2		12.30	45.8						2.40	42.5	952	2.27	19.0		7.40	43.2	666	2.17	34.6									2.50	56.3	866	2.29	26.9		7.50	38.8	650	2.20	31.6									2.60	39.7	929	2.29	25.4		7.60	34.9	511	2.20	33.4									2.70	34.0	836	2.31	21.9		7.70	46.7	620	2.19	33.3									2.80	31.1	636	2.32	24.4		7.80	44.8	596	2.18	31.1									2.90	49.7	930	2.32	26.1		7.90	42.1	580	2.20	32.6									3.00	46.8	998	2.29	22.9		8.00	42.1	551	2.22	35.3									3.10	53.9	805	2.26	22.6		8.10	48.6	557	2.23	31.4									3.20	39.5	673	2.24	22.2		8.20	51.0	551	2.21	31.6									3.30	32.2	681	2.25	24.8		8.30	42.6	519	2.19	29.2									3.40	31.8	627	2.27	28.2		8.40	38.0	480	2.17	30.7									3.50	25.3	619	2.25	29.3		8.50	42.7	596	2.19	34.3									3.60	19.9	619	2.23	26.3		8.60	43.2	541	2.20	33.9									3.70	13.3	851	2.22	27.2		8.70	42.6	456	2.19	31.6									3.80	1.6	1171	2.21	27.8		8.80	47.0	526	2.19	33.3									3.90	4.3	1191	2.26	26.4		8.90	38.3	473	2.20	31.2									4.00	7.0	876	2.23	25.4		9.00	37.1	551	2.18	33.3									4.10	16.2	627	2.19	24.3		9.10	37.3	673	2.17	32.4									4.20	43.3	805	2.15	25.8		9.20	34.0	673	2.16	37.8									4.30	24.4	773	2.13	30.7		9.30	40.0	590	2.16	34.5									4.40	20.5	596	2.14	35.7		9.40	39.8	534	2.19	34.7									4.50	21.5	541	2.13	40.6		9.50	39.1	596	2.21	33.7									4.60	23.9	519	2.14	37.1		9.60	44.4	681	2.22	34.4									4.70	24.8	588	2.15	36.5		9.70	46.0	807	2.24	30.8									4.80	28.2	596	2.16	40.6		9.80	47.6	588	2.23	31.9									4.90	31.3	503	2.17	39.3		9.90	52.2	812	2.21	28.9								
0.00		1563	1.96	7.7		5.00	34.2	495	2.16	36.8		10.00	54.5	735	2.20	27.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.10	1.3	2132	1.98	22.5		5.10	28.1	597	2.18	35.0		10.10	43.3	752	2.23	30.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.20	1.1	1934	1.97	27.7		5.20	29.5	611	2.15	40.3		10.20	41.3	735	2.24	33.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.30	1.6	1841	1.98	28.6		5.30	23.2	689	2.14	35.3		10.30	28.4	704	2.19	30.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.40		2159	1.99	25.8		5.40	17.6	828	2.12	33.7		10.40	18.7	604	2.10	25.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.50		1989	2.04	26.6		5.50	17.8	922	2.12	35.2		10.50	44.8	936	2.06	29.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.60		1896	2.09	24.7		5.60	18.2	720	2.12	37.9		10.60	40.0	842	2.05	43.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.70		1656	2.14	26.8		5.70	18.6	735	2.09	34.8		10.70	44.6	530	2.03	45.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.80	1.3	1401	2.12	23.1		5.80	14.4	844	2.09	35.7		10.80	44.0	218	2.07	46.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.90	15.5	1323	2.12	18.1		5.90	14.5	797	2.12	36.9		10.90	26.5	312	2.06	41.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.00	21.2	1145	2.13	16.8		6.00	18.1	743	2.13	38.6		11.00	10.4	406	2.06	42.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.10	18.0	859	2.15	20.8		6.10	22.7	681	2.15	36.6		11.10	3.2	655	2.05	31.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.20	41.9	913	2.15	18.0		6.20	22.4	820	2.14	32.7		11.20	4.1	1825	2.06	27.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.30	60.6	983	2.10	15.6		6.30	21.6	744	2.15	37.4		11.30	3.7	2605	2.08	28.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.40	50.8	1060	2.04	15.5		6.40	25.0	495	2.21	39.5		11.40	2.9	2886	2.08	31.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.50	43.6	938	1.99	13.1		6.50	32.3	464	2.23	38.7		11.50	3.2	2636	2.08	32.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.60	28.6	1029	1.99	13.0		6.60	35.9	464	2.20	32.0		11.60	5.9	2137		30.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.70	25.4	1006	2.03	12.0		6.70	34.3	534	2.16	30.4		11.70	11.6	1794		33.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.80	29.2	1037	2.03	11.9		6.80	35.6	458	2.16	34.7		11.80	6.1	1388		34.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.90	40.0	836	1.97	12.6		6.90	36.5	519	2.19	37.0		11.90	8.0	936																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2.00	47.4	952	1.94	11.8		7.00	32.0	666	2.20	36.4		12.00	23.9	718																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2.10	33.5	998	1.91	10.5		7.10	35.9	543	2.21	34.2		12.10	38.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2.20	33.1	807	2.04	9.4		7.20	42.0	512	2.20	32.3		12.20	46.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2.30	45.4	890	2.16	13.8		7.30	45.0	689	2.19	32.2		12.30	45.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2.40	42.5	952	2.27	19.0		7.40	43.2	666	2.17	34.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
2.50	56.3	866	2.29	26.9		7.50	38.8	650	2.20	31.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
2.60	39.7	929	2.29	25.4		7.60	34.9	511	2.20	33.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
2.70	34.0	836	2.31	21.9		7.70	46.7	620	2.19	33.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
2.80	31.1	636	2.32	24.4		7.80	44.8	596	2.18	31.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
2.90	49.7	930	2.32	26.1		7.90	42.1	580	2.20	32.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3.00	46.8	998	2.29	22.9		8.00	42.1	551	2.22	35.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3.10	53.9	805	2.26	22.6		8.10	48.6	557	2.23	31.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3.20	39.5	673	2.24	22.2		8.20	51.0	551	2.21	31.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3.30	32.2	681	2.25	24.8		8.30	42.6	519	2.19	29.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3.40	31.8	627	2.27	28.2		8.40	38.0	480	2.17	30.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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3.70	13.3	851	2.22	27.2		8.70	42.6	456	2.19	31.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3.80	1.6	1171	2.21	27.8		8.80	47.0	526	2.19	33.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3.90	4.3	1191	2.26	26.4		8.90	38.3	473	2.20	31.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.00	7.0	876	2.23	25.4		9.00	37.1	551	2.18	33.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.10	16.2	627	2.19	24.3		9.10	37.3	673	2.17	32.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.20	43.3	805	2.15	25.8		9.20	34.0	673	2.16	37.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.30	24.4	773	2.13	30.7		9.30	40.0	590	2.16	34.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.40	20.5	596	2.14	35.7		9.40	39.8	534	2.19	34.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.50	21.5	541	2.13	40.6		9.50	39.1	596	2.21	33.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.60	23.9	519	2.14	37.1		9.60	44.4	681	2.22	34.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.70	24.8	588	2.15	36.5		9.70	46.0	807	2.24	30.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.80	28.2	596	2.16	40.6		9.80	47.6	588	2.23	31.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4.90	31.3	503	2.17	39.3		9.90	52.2	812	2.21	28.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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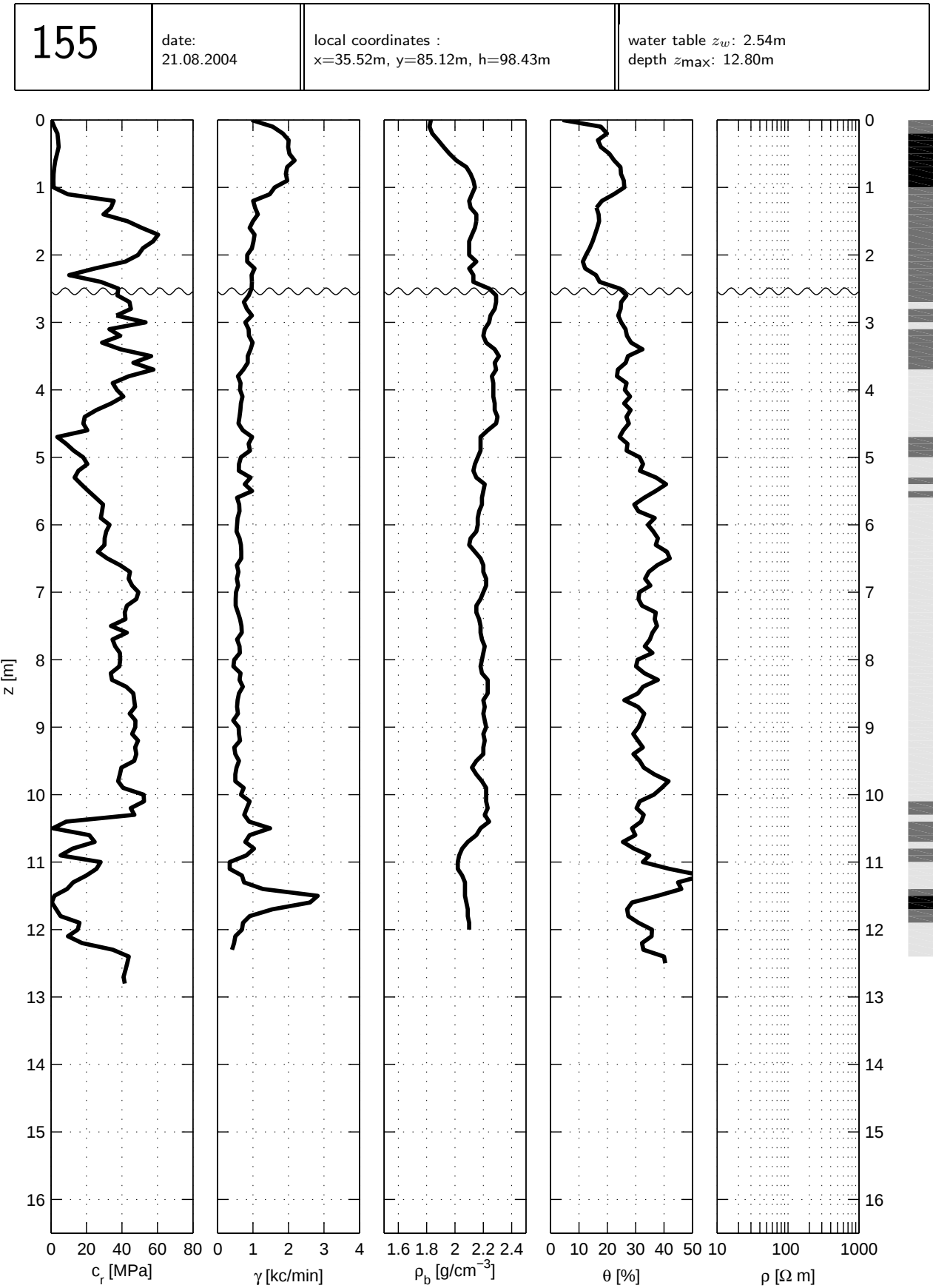


154		date: 21.08.2004		local coordinates : x=33.32m, y=81.79m, h=98.35m		water table z_w : 2.47m depth z_{max} : 12.30m											
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1223	1.95	4.1		5.00	11.8	727	2.15	33.2		10.00	47.5	859	2.21	34.1	
0.10	1.2	1617	1.95	20.8		5.10	14.5	704	2.14	34.8		10.10	44.6	704	2.25	29.5	
0.20	2.0	1625	1.93	26.0		5.20	14.9	882	2.11	32.9		10.20	38.2	619	2.24	31.4	
0.30	1.9	1896	1.92	26.1		5.30	13.0	805	2.09	35.1		10.30	26.8	751	2.20	27.6	
0.40	1.4	2078	1.99	26.3		5.40	13.6	874	2.07	37.5		10.40	21.6	749	2.13	26.5	
0.50	1.2	1748	2.03	25.8		5.50	13.0	805	2.09	32.8		10.50	9.6	1154	2.09	30.6	
0.60		1888	2.07	24.9		5.60	17.3	936	2.11	39.6		10.60	4.9	749	2.06	33.3	
0.70	1.1	2059	2.11	24.6		5.70	25.0	743	2.14	39.6		10.70	7.2	874	2.06	32.6	
0.80	1.2	1748	2.15	23.6		5.80	23.3	682	2.14	35.6		10.80	25.8	562	2.05	36.3	
0.90	1.1	1509	2.15	26.2		5.90	21.8	472	2.12	34.1		10.90	25.3	530	2.03	39.4	
1.00	10.2	1555	2.16	21.3		6.00	20.9	590	2.13	36.5		11.00	19.1	874	2.07	39.9	
1.10	10.1	1261	2.16	19.5		6.10	21.8	673	2.14	39.3		11.10	14.3	874	2.08	40.0	
1.20	43.2	898	2.16	17.7		6.20	24.8	634	2.18	38.1		11.20	3.4	1825	2.11	37.2	
1.30	51.4	1139	2.15	17.3		6.30	31.0	511	2.19	36.4		11.30	1.8	2761	2.11	30.5	
1.40	38.4	1060	2.16	17.7		6.40	33.1	551	2.18	32.8		11.40	3.1	1981	2.10	27.0	
1.50	34.8	1054	2.10	18.2		6.50	34.1	526	2.15	35.3		11.50	5.3	1451	2.07	27.3	
1.60	49.3	944	2.09	15.9		6.60	33.1	472	2.17	36.1		11.60	23.8	874		28.5	
1.70	44.3	952	2.08	13.3		6.70	34.1	504	2.15	37.4		11.70	21.5	437		35.0	
1.80	42.4	1039	2.08	13.8		6.80	34.9	704	2.16	37.5		11.80	19.2	655		41.6	
1.90	42.7	1068	2.10	12.8		6.90	35.3	541	2.16	37.3		11.90	5.4	749		36.4	
2.00	45.1	991	2.12	12.4		7.00	37.0	596	2.19	38.7		12.00	17.3				
2.10	44.2	983	2.08	12.2		7.10	35.2	487	2.20	35.5		12.10	31.7				
2.20	50.2	998	2.14	13.3		7.20	38.0	673	2.20	31.6		12.20	42.8				
2.30	38.0	1098	2.14	15.7		7.30	35.5	481	2.21	31.2		12.30	45.2				
2.40	33.1	922	2.22	23.2		7.40	39.6	666	2.22	31.6							
2.50	32.5	828	2.26	28.4		7.50	50.5	541	2.23	31.7							
2.60	23.8	882	2.25	25.5		7.60	49.8	604	2.24	28.9							
2.70	19.8	998	2.26	26.4		7.70	49.1	541	2.23	29.2							
2.80	31.9	866	2.25	25.9		7.80	49.7	612	2.24	28.8							
2.90	45.7	952	2.25	24.4		7.90	46.8	627	2.23	32.6							
3.00	45.1	898	2.24	25.4		8.00	42.2	573	2.22	30.3							
3.10	46.4	743	2.25	28.7		8.10	34.8	573	2.22	32.2							
3.20	55.6	805	2.22	28.7		8.20	44.8	573	2.21	30.8							
3.30	49.8	743	2.20	26.5		8.30	42.2	666	2.21	30.0							
3.40	31.4	696	2.22	29.0		8.40	43.4	473	2.21	31.3							
3.50	36.1	651	2.26	32.6		8.50	44.3	596	2.20	31.5							
3.60	40.8	696	2.33	29.3		8.60	37.0	464	2.20	33.2							
3.70	33.4	619	2.33	25.9		8.70	39.7	441	2.20	31.2							
3.80	21.8	681	2.29	22.3		8.80	45.7	604	2.19	33.4							
3.90	36.1	696	2.24	21.8		8.90	44.4	596	2.19	33.1							
4.00	20.4	465	2.22	24.8		9.00	44.8	472	2.19	32.1							
4.10	18.2	642	2.21	29.4		9.10	41.5	512	2.19	30.3							
4.20	16.6	588	2.23	29.7		9.20	44.0	534	2.17	32.6							
4.30	11.4	503	2.21	28.9		9.30	46.0	604	2.16	34.5							
4.40	9.8	642	2.16	30.2		9.40	40.4	441	2.16	35.5							
4.50	4.6	797	2.12	29.3		9.50	42.2	619	2.14	34.5							
4.60	1.2	1230	2.09	29.4		9.60	41.2	472	2.16	34.7							
4.70		1217	2.11	30.6		9.70	37.4	573	2.13	36.5							
4.80	3.4	1098	2.12	31.7		9.80	28.3	882	2.14	36.1							
4.90	7.0	743	2.14	32.5		9.90	23.4	967	2.18	35.1							
revision : 10-May-2005 – AxT																	

154	date: 21.08.2004	local coordinates : x=33.32m, y=81.79m, h=98.35m	water table z_w : 2.47m depth $z_{\max}$: 12.30m
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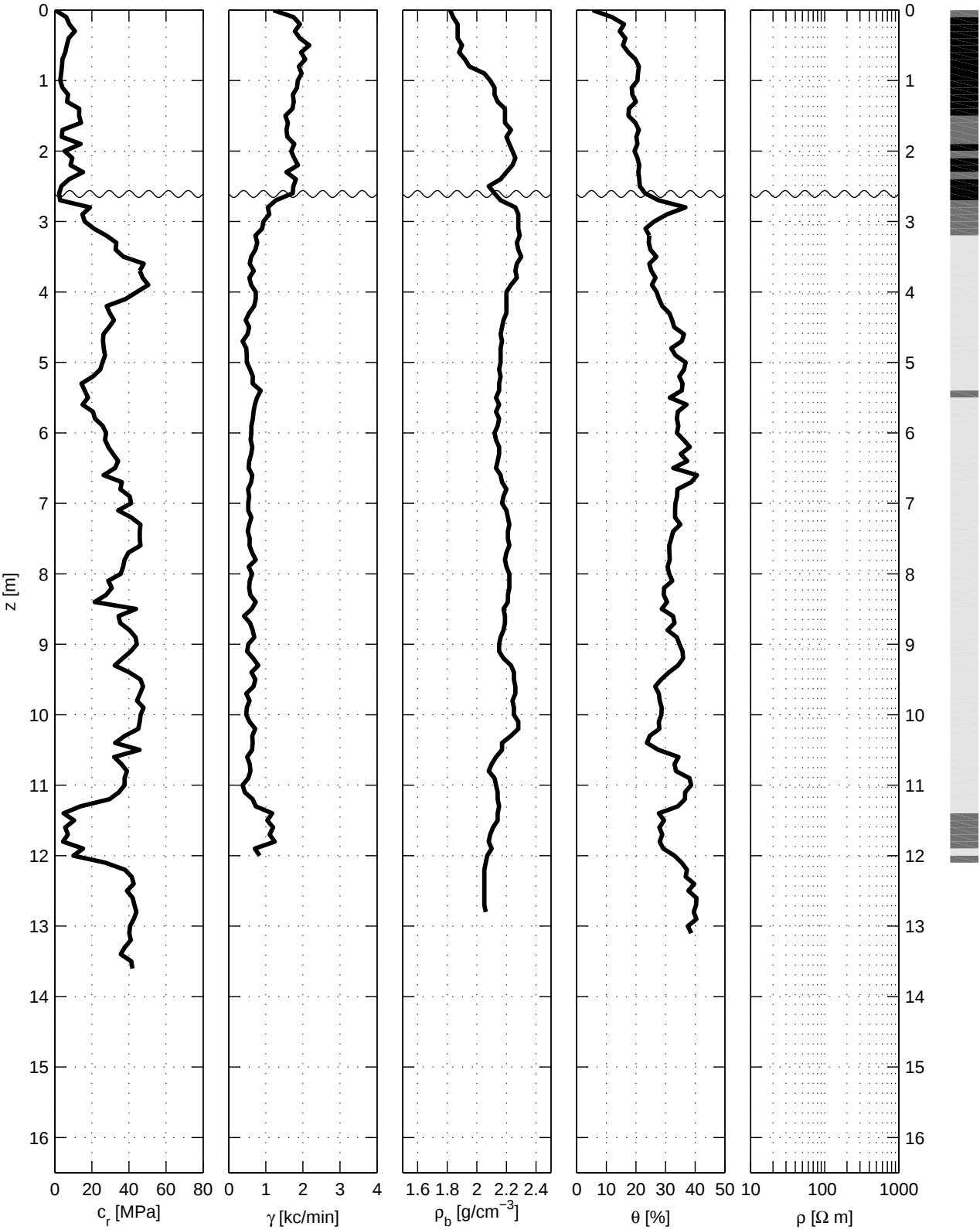


155		date: 21.08.2004		local coordinates : x=35.52m, y=85.12m, h=98.43m				water table z_w : 2.54m depth z_{max} : 12.80m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		959	1.83	4.2		5.00	18.1	658	2.16	31.4		10.00	52.2	658	2.22	36.4	
0.10	1.7	1555	1.82	17.7		5.10	20.5	604	2.14	32.6		10.10	52.4	905	2.22	31.4	
0.20	3.6	1841	1.84	19.9		5.20	15.4	597	2.13	31.5		10.20	44.9	828	2.23	30.3	
0.30	4.0	2004	1.88	16.7		5.30	13.3	929	2.15	37.2		10.30	47.0	751	2.21	32.8	
0.40	4.3	1989	1.92	17.7		5.40	17.0	766	2.21	40.7		10.40	8.5	890	2.24	31.9	
0.50	3.4	2027	1.96	20.7		5.50	21.1	975	2.20	37.0		10.50		1482	2.18	28.7	
0.60	2.4	2174	2.01	22.4		5.60	25.2	549	2.19	33.0		10.60	21.6	905	2.15	29.9	
0.70	1.8	1962	2.08	24.6		5.70	29.3	611	2.19	29.5		10.70	24.6	780	2.09	25.5	
0.80	1.4	1927	2.11	24.8		5.80	28.8	619	2.17	30.9		10.80	12.2	1030	2.05	29.4	
0.90	1.3	1966	2.13	25.8		5.90	28.1	565	2.16	36.7		10.90	5.4	811	2.03	34.8	
1.00	1.4	1609	2.14	26.0		6.00	33.0	549	2.16	34.3		11.00	28.0	343	2.02	32.5	
1.10	9.4	1470	2.12	22.3		6.10	31.1	534	2.15	36.2		11.10	25.6	343	2.02	41.9	
1.20	35.4	1006	2.10	18.1		6.20	30.2	619	2.11	37.8		11.20	19.9	686	2.05	53.5	
1.30	33.8	1060	2.11	16.2		6.30	30.1	658	2.10	37.1		11.30	12.5	749	2.07	44.9	
1.40	29.5	1139	2.15	16.9		6.40	26.4	666	2.14	41.0		11.40	9.0	1279	2.07	46.1	
1.50	43.1	998	2.15	17.1		6.50	31.7	667	2.18	42.0		11.50	1.8	2824	2.07	37.7	
1.60	51.1	905	2.14	16.4		6.60	39.0	543	2.20	37.6		11.60		2605	2.08	28.7	
1.70	60.4	1045	2.12	15.6		6.70	44.5	590	2.20	34.6		11.70	2.9	1544	2.09	27.0	
1.80	57.6	1014	2.10	14.8		6.80	43.7	543	2.22	33.3		11.80	5.4	905	2.09	27.4	
1.90	51.8	967	2.10	13.8		6.90	45.7	580	2.22	35.2		11.90	16.0	718	2.10	31.0	
2.00	49.1	836	2.10	12.5		7.00	49.3	519	2.20	31.3		12.00	15.0	686	2.10	35.7	
2.10	41.9	836	2.15	11.4		7.10	48.1	512	2.18	31.0		12.10	9.5	499		35.6	
2.20	24.8	1045	2.10	12.2		7.20	42.8	511	2.15	32.2		12.20	17.5	468		32.2	
2.30	10.2	959	2.13	16.0		7.30	41.6	573	2.15	37.1		12.30	34.9	406		32.7	
2.40	28.2	967	2.13	17.3		7.40	42.0	634	2.17	36.7		12.40	43.8			40.0	
2.50	37.9	959	2.24	24.4		7.50	33.8	675	2.18	37.5		12.50	43.0			40.4	
2.60	37.4	882	2.29	26.7		7.60	42.8	682	2.18	35.9		12.60	42.0				
2.70	44.2	744	2.29	24.9		7.70	34.7	551	2.19	35.0		12.70	40.9				
2.80	45.0	828	2.28	24.7		7.80	36.2	619	2.21	33.2		12.80	41.6				
2.90	36.8	969	2.25	23.8		7.90	38.8	627	2.20	35.9							
3.00	53.3	781	2.24	24.9		8.00	39.0	472	2.19	30.7							
3.10	32.9	876	2.21	26.4		8.10	38.5	448	2.18	30.1							
3.20	39.0	884	2.20	26.9		8.20	33.7	651	2.19	33.1							
3.30	28.8	991	2.22	28.4		8.30	34.4	619	2.23	37.8							
3.40	39.2	929	2.28	32.4		8.40	42.4	712	2.23	32.6							
3.50	56.5	851	2.31	27.3		8.50	46.4	604	2.23	30.8							
3.60	46.4	853	2.28	26.5		8.60	46.9	565	2.20	26.0							
3.70	57.8	727	2.29	23.7		8.70	47.4	549	2.21	30.8							
3.80	43.8	573	2.26	23.4		8.80	44.3	573	2.20	33.0							
3.90	34.8	651	2.27	26.8		8.90	47.6	441	2.21	32.0							
4.00	37.1	634	2.27	26.2		9.00	47.5	596	2.22	31.0							
4.10	40.8	704	2.27	28.0		9.10	45.7	604	2.20	29.1							
4.20	34.0	658	2.28	25.9		9.20	49.1	634	2.21	30.8							
4.30	25.6	642	2.28	28.2		9.30	47.4	472	2.20	32.5							
4.40	19.0	619	2.30	26.7		9.40	48.1	503	2.20	29.2							
4.50	18.2	588	2.29	27.6		9.50	46.9	604	2.15	31.4							
4.60	20.5	712	2.23	25.6		9.60	39.7	535	2.12	32.8							
4.70	3.5	975	2.18	24.3		9.70	38.8	503	2.15	36.6							
4.80	8.5	874	2.18	27.1		9.80	37.8	503	2.19	41.6							
4.90	12.8	913	2.18	26.8		9.90	40.6	735	2.22	39.2							
revision : 10-May-2005 – AxT																	

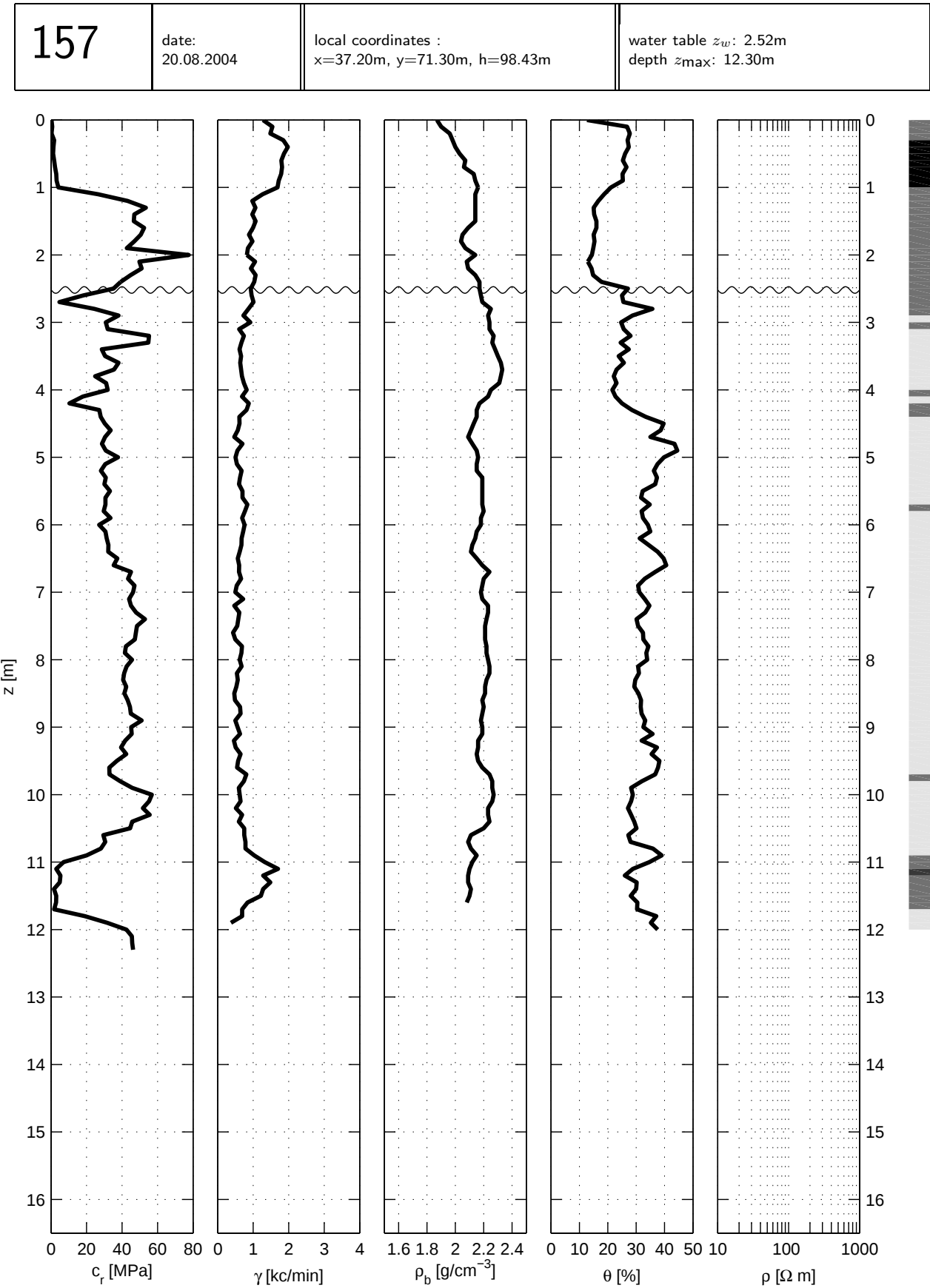


156		date: 21.08.2004		local coordinates : x=42.33m, y=76.26m, h=98.52m						water table z_w : 2.61m depth z_{max} : 13.60m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1202	1.82	5.4		5.00	25.7	487	2.16	36.8		10.00	46.3	473	2.25	28.6	
0.10	6.2	1748	1.84	11.9		5.10	24.5	574	2.15	36.2		10.10	45.8	558	2.28	27.7	
0.20	7.8	1923	1.87	16.0		5.20	20.6	651	2.16	34.6		10.20	45.0	712	2.28	27.9	
0.30	10.8	1784	1.87	14.5		5.30	14.4	642	2.15	35.7		10.30	37.8	636	2.23	24.7	
0.40	7.4	1919	1.87	16.4		5.40	16.1	861	2.15	35.5		10.40	32.5	642	2.17	23.7	
0.50	6.5	2174	1.90	15.6		5.50	17.9	760	2.13	31.4		10.50	45.7	627	2.17	27.6	
0.60	5.6	1950	1.88	17.4		5.60	14.9	705	2.15	37.1		10.60	32.0	495	2.13	34.4	
0.70	4.1	2066	1.92	19.8		5.70	20.6	666	2.13	34.1		10.70	36.0	566	2.10	33.0	
0.80	3.8	1892	1.95	21.0		5.80	21.7	650	2.15	33.8		10.80	38.9	582	2.08	33.5	
0.90	3.4	1966	2.05	20.7		5.90	25.8	611	2.14	34.3		10.90	37.6	526	2.12	38.1	
1.00	2.9	1861	2.09	20.5		6.00	27.7	611	2.12	33.8		11.00	37.6	371	2.13	38.6	
1.10	4.1	1841	2.12	18.6		6.10	27.1	590	2.13	36.1		11.10	34.6	434	2.14	36.6	
1.20	7.2	1729	2.12	18.8		6.20	28.9	634	2.15	38.2		11.20	29.4	642	2.14	36.5	
1.30	6.6	1752	2.14	20.0		6.30	31.4	604	2.15	35.1		11.30	13.8	729	2.15	34.1	
1.40	13.2	1721	2.19	17.6		6.40	34.2	549	2.14	37.3		11.40	4.7	1169	2.14	27.7	
1.50	13.1	1527	2.19	17.5		6.50	32.5	535	2.13	32.6		11.50	10.4	1039	2.14	29.5	
1.60	14.2	1597	2.19	19.8		6.60	26.3	634	2.16	40.6		11.60	5.6	1194	2.11	27.9	
1.70	4.1	1555	2.23	21.0		6.70	36.2	604	2.17	38.7		11.70	7.1	1101	2.09	28.9	
1.80	3.7	1579	2.20	20.1		6.80	35.4	519	2.20	34.0		11.80	4.4	1238	2.08	28.0	
1.90	14.0	1768	2.22	20.5		6.90	40.4	549	2.18	33.9		11.90	15.2	705	2.10	29.2	
2.00	5.3	1682	2.24	19.5		7.00	41.2	526	2.17	33.3		12.00	10.0	829	2.07	33.0	
2.10	9.4	1764	2.26	20.5		7.10	34.2	527	2.20	33.2		12.10	27.2		2.06	35.4	
2.20	8.4	1865	2.24	21.1		7.20	41.2	611	2.21	33.2		12.20	37.8		2.05	37.2	
2.30	15.2	1555	2.20	20.8		7.30	46.2	549	2.22	35.0		12.30	41.5		2.05	36.8	
2.40	7.6	1811	2.16	21.1		7.40	45.8	512	2.21	32.5		12.40	42.6		2.05	39.7	
2.50	3.5	1745	2.08	21.3		7.50	45.8	565	2.21	31.9		12.50	38.9		2.05	37.7	
2.60	2.3	1726	2.12	23.1		7.60	46.2	558	2.22	31.2		12.60	42.0		2.05	40.4	
2.70	2.8	1271	2.16	27.6		7.70	39.7	628	2.20	31.3		12.70	43.0		2.05	40.3	
2.80	19.0	1054	2.26	36.7		7.80	37.6	727	2.19	31.4		12.80	44.0		2.06	39.5	
2.90	14.8	1093	2.28	30.5		7.90	36.8	534	2.20	30.7		12.90	42.6			40.4	
3.00	16.1	936	2.28	26.2		8.00	35.6	627	2.22	31.2		13.00	40.6			37.5	
3.10	21.1	900	2.28	23.2		8.10	28.9	565	2.22	32.3		13.10	40.2			38.7	
3.20	27.8	720	2.29	24.5		8.20	30.7	549	2.22	29.5		13.20	41.0				
3.30	33.2	768	2.27	24.3		8.30	27.7	580	2.21	29.4		13.30	37.7				
3.40	32.8	720	2.28	24.9		8.40	21.5	727	2.21	30.5		13.40	35.6				
3.50	37.0	604	2.30	26.9		8.50	43.8	619	2.18	28.7		13.50	41.3				
3.60	48.0	565	2.27	24.5		8.60	34.4	410	2.19	32.5		13.60	41.9				
3.70	45.8	673	2.26	25.2		8.70	35.3	573	2.19	33.0							
3.80	47.4	557	2.27	26.6		8.80	40.3	642	2.18	30.7							
3.90	50.5	604	2.23	25.4		8.90	43.6	690	2.16	33.8							
4.00	44.2	727	2.20	27.0		9.00	44.2	527	2.15	34.7							
4.10	38.2	729	2.20	27.8		9.10	41.0	495	2.15	35.7							
4.20	28.0	681	2.20	28.9		9.20	36.6	658	2.18	35.9							
4.30	29.6	551	2.20	31.2		9.30	32.3	799	2.23	34.2							
4.40	31.9	456	2.18	32.2		9.40	40.2	611	2.25	31.1							
4.50	29.2	551	2.17	32.9		9.50	46.2	720	2.25	28.5							
4.60	26.2	504	2.16	36.2		9.60	47.6	666	2.26	26.5							
4.70	26.0	371	2.17	35.5		9.70	46.0	473	2.26	27.7							
4.80	26.4	472	2.16	31.9		9.80	44.3	558	2.24	28.0							
4.90	27.1	487	2.16	33.4		9.90	47.9	488	2.25	28.7							
revision : 10-May-2005 – AxT																	

156	date: 21.08.2004	local coordinates : x=42.33m, y=76.26m, h=98.52m	water table z_w : 2.61m depth $z_{\max}$: 13.60m
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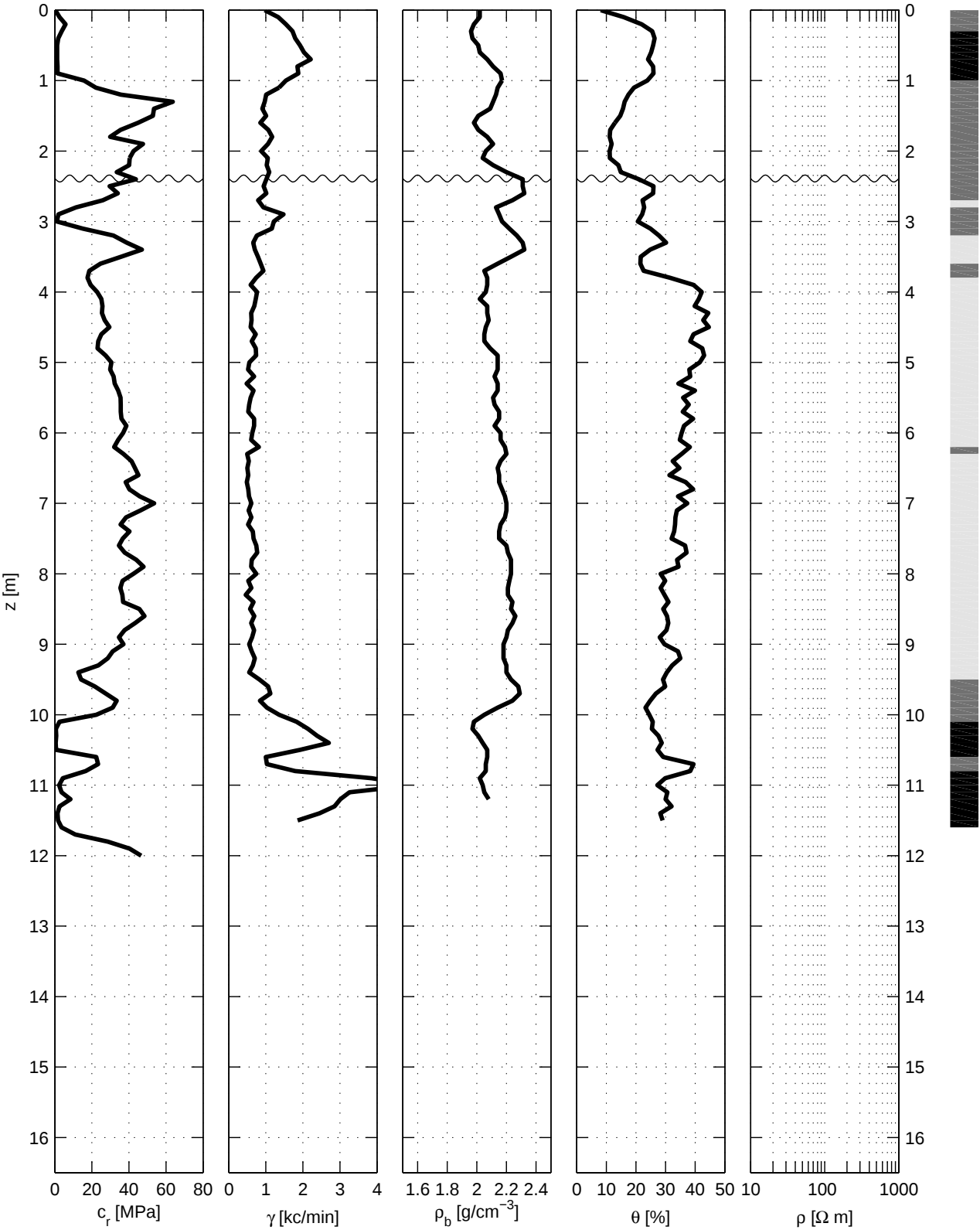


157		date: 20.08.2004		local coordinates : x=37.20m, y=71.30m, h=98.43m				water table z_w : 2.52m depth $z_{\max}$: 12.30m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1277	1.87	12.7		5.00	37.7	503	2.16	39.8		10.00	56.8	619	2.27	28.8	
0.10		1540	1.90	26.8		5.10	30.5	541	2.15	37.5		10.10	55.2	642	2.26	28.2	
0.20		1481	1.96	27.8		5.20	28.1	673	2.15	36.2		10.20	51.7	512	2.23	27.1	
0.30	1.7	1849	1.98	27.0		5.30	30.8	628	2.19	37.3		10.30	55.6	686	2.23	28.2	
0.40	1.3	1977	2.00	27.4		5.40	30.0	597	2.19	36.7		10.40	45.7	593	2.24	29.3	
0.50	1.1	1865	2.03	26.1		5.50	33.2	696	2.19	32.3		10.50	44.5	749	2.20	30.1	
0.60	1.7	1795	2.07	25.3		5.60	30.6	696	2.19	31.7		10.60	29.4	749	2.11	27.2	
0.70	2.2	1814	2.06	26.6		5.70	30.6	836	2.19	34.8		10.70	30.5	780	2.09	28.0	
0.80	2.9	1787	2.13	25.2		5.80	29.6	768	2.20	31.9		10.80	28.1	780	2.11	35.9	
0.90	3.1	1718	2.14	25.3		5.90	33.5	690	2.18	32.4		10.90	20.0	1030	2.15	39.0	
1.00	4.1	1682	2.16	21.1		6.00	27.1	759	2.18	34.1		11.00	7.1	1326	2.12	34.7	
1.10	26.5	1264	2.14	18.7		6.10	30.6	720	2.15	35.0		11.10	2.9	1700	2.10	28.8	
1.20	43.1	975	2.14	16.7		6.20	31.3	673	2.14	31.2		11.20	5.3	1279	2.09	26.0	
1.30	53.4	1062	2.14	15.0		6.30	32.3	667	2.12	34.4		11.30	4.9	1482	2.09	30.2	
1.40	46.9	975	2.14	15.2		6.40	32.2	620	2.11	37.6		11.40	1.6	1279	2.11	30.0	
1.50	46.6	1070	2.14	16.0		6.50	37.3	565	2.15	39.7		11.50	2.9	1217	2.10	28.1	
1.60	52.4	993	2.09	16.0		6.60	35.3	604	2.19	40.6		11.60	2.8	842	2.08	30.4	
1.70	50.6	882	2.05	15.0		6.70	45.0	597	2.24	36.7		11.70	1.7	686		30.3	
1.80	46.9	977	2.04	15.3		6.80	43.4	659	2.20	33.0		11.80	19.0	686		37.1	
1.90	42.7	853	2.07	14.9		6.90	47.0	535	2.19	30.7		11.90	31.6	374		35.2	
2.00	77.6	820	2.14	14.4		7.00	46.2	495	2.18	31.1		12.00	42.5			37.6	
2.10	49.8	1054	2.08	13.0		7.10	43.9	720	2.19	33.0		12.10	45.5				
2.20	51.0	936	2.09	14.3		7.20	45.0	465	2.23	34.7		12.20	45.7				
2.30	44.8	1070	2.14	14.8		7.30	47.9	611	2.23	33.2		12.30	46.2				
2.40	39.2	1029	2.17	17.8		7.40	52.9	580	2.22	30.1							
2.50	35.2	929	2.17	27.1		7.50	48.4	549	2.21	30.7							
2.60	18.2	952	2.18	25.0		7.60	47.8	434	2.21	32.4							
2.70	4.7	1008	2.19	25.5		7.70	47.2	495	2.21	32.5							
2.80	24.4	866	2.25	35.7		7.80	42.2	682	2.22	34.3							
2.90	38.0	721	2.23	28.7		7.90	41.6	666	2.22	33.6							
3.00	30.8	921	2.24	24.7		8.00	45.6	619	2.23	33.9							
3.10	31.9	604	2.24	25.6		8.10	42.6	675	2.24	30.7							
3.20	55.2	735	2.27	28.0		8.20	41.2	541	2.24	31.0							
3.30	54.8	667	2.26	24.5		8.30	40.6	565	2.22	29.7							
3.40	28.6	612	2.28	27.4		8.40	42.4	527	2.21	29.3							
3.50	30.4	659	2.30	23.8		8.50	41.3	464	2.21	30.8							
3.60	38.0	634	2.32	25.7		8.60	43.2	488	2.19	31.7							
3.70	35.5	658	2.33	23.1		8.70	44.4	627	2.20	31.6							
3.80	24.8	681	2.32	22.1		8.80	44.9	642	2.19	31.9							
3.90	31.0	736	2.31	23.1		8.90	51.0	495	2.18	33.2							
4.00	31.9	814	2.25	21.6		9.00	45.1	558	2.19	32.5							
4.10	17.9	682	2.23	22.7		9.10	45.4	627	2.19	35.8							
4.20	10.3	876	2.17	25.0		9.20	41.8	456	2.16	31.9							
4.30	27.2	812	2.15	28.5		9.30	39.4	504	2.16	37.3							
4.40	28.0	611	2.15	33.4		9.40	42.4	642	2.15	35.4							
4.50	30.2	612	2.13	39.7		9.50	37.0	573	2.16	38.2							
4.60	33.6	565	2.11	38.6		9.60	32.8	543	2.19	37.7							
4.70	30.4	464	2.09	35.0		9.70	32.9	805	2.24	36.7							
4.80	28.7	696	2.12	43.5		9.80	38.9	736	2.26	32.0							
4.90	30.8	557	2.15	44.5		9.90	45.7	596	2.26	28.2							
revision : 10-May-2005 – AxT																	



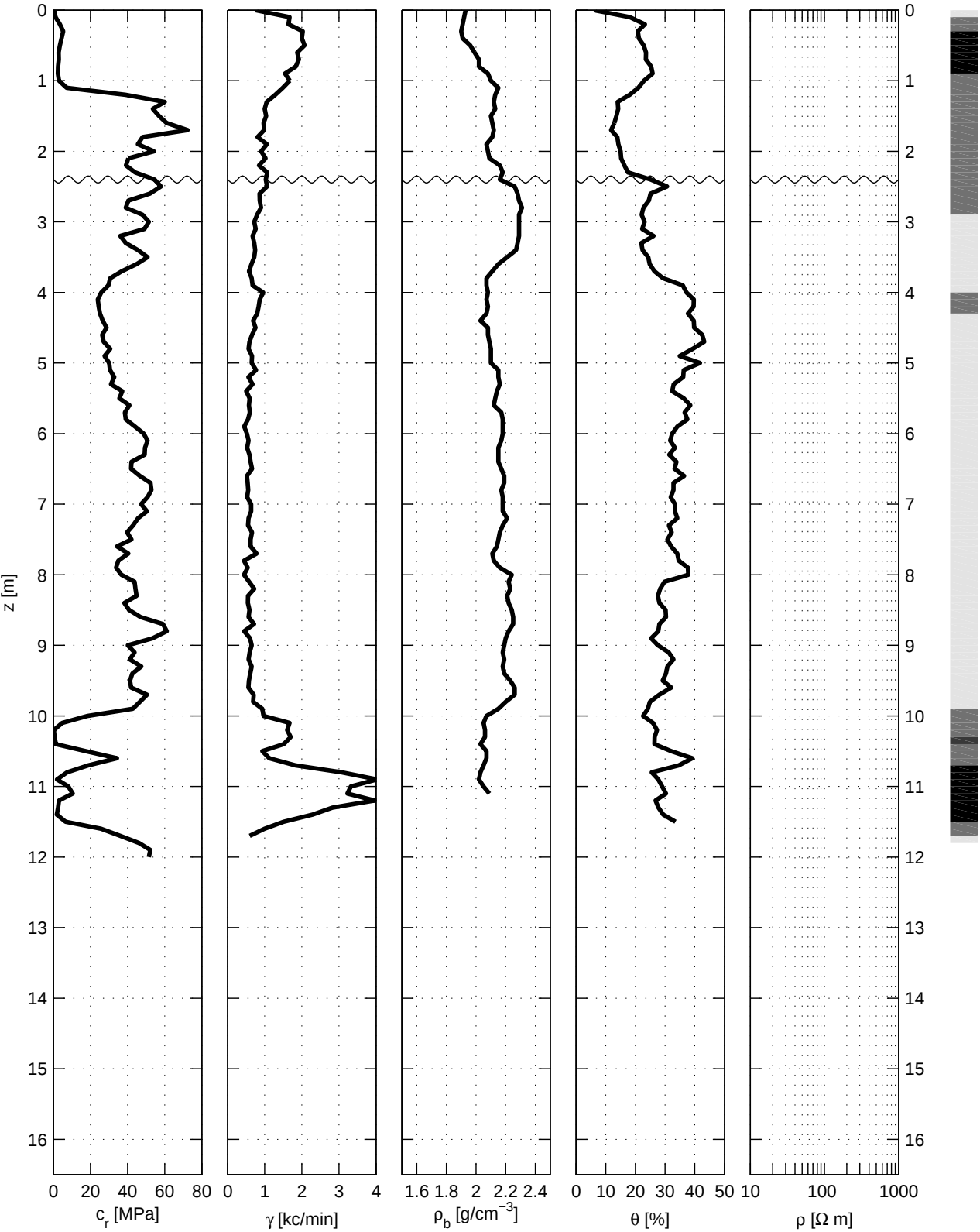
158		date: 20.08.2004		local coordinates : x=25.04m, y=73.66m, h=98.32m						water table z_w : 2.39m depth z_{max} : 12.00m										
z m c_r MPa γ cpm ϱ_b t/m ³ θ % ρ Ωm							z m c_r MPa γ cpm ϱ_b t/m ³ θ % ρ Ωm							z m c_r MPa γ cpm ϱ_b t/m ³ θ % ρ Ωm						
0.00 967 2.02 8.1							5.00 30.5 557 2.14 41.5							10.00 22.3 1357 2.05 24.5						
0.10 2.5 1334 2.02 15.9							5.10 29.8 519 2.14 38.0							10.10 2.5 1825 1.98 25.7						
0.20 5.8 1543 1.98 21.9							5.20 31.7 682 2.12 38.3							10.20 2137 1.97 25.4						
0.30 3.7 1718 1.96 25.5							5.30 32.3 481 2.14 34.3							10.30 2387 2.01 27.6						
0.40 1.8 1795 1.97 26.3							5.40 34.2 666 2.14 39.9							10.40 2699 2.04 28.7						
0.50 1.2 1919 2.01 25.8							5.50 35.5 588 2.11 35.9							10.50 1919 2.07 27.3						
0.60 1.2 2031 2.02 25.1							5.60 35.6 551 2.12 37.8							10.60 22.3 998 2.07 29.2						
0.70 1.2 2213 2.07 24.1							5.70 35.6 526 2.15 35.8							10.70 23.3 1030 2.06 39.4						
0.80 1.4 1853 2.11 25.8							5.80 36.0 682 2.15 39.3							10.80 16.6 1794 2.06 38.3						
0.90 1.4 1877 2.16 25.9							5.90 38.6 681 2.12 36.2							10.90 4.3 3853 2.02 29.9						
1.00 15.7 1540 2.17 23.8							6.00 36.8 636 2.16 35.4							11.00 2.3 4961 2.04 27.2						
1.10 22.1 1354 2.14 19.3							6.10 34.2 604 2.16 34.8							11.10 3.6 3260 2.05 30.6						
1.20 35.6 1008 2.13 17.5							6.20 32.0 812 2.19 38.2							11.20 8.4 3011 2.08 30.0						
1.30 63.7 967 2.11 16.2							6.30 37.0 496 2.20 35.4							11.30 2.5 2855 32.0						
1.40 53.5 907 2.09 15.6							6.40 41.4 541 2.16 32.4							11.40 1.4 2449 28.2						
1.50 52.9 1008 2.01 14.7							6.50 43.3 503 2.14 34.7							11.50 1.7 1856 29.0						
1.60 44.9 853 1.98 12.9							6.60 45.1 526 2.15 31.3							11.60 3.6						
1.70 35.5 1068 2.01 11.3							6.70 38.2 487 2.15 36.8							11.70 11.0						
1.80 29.8 1169 2.07 11.1							6.80 40.2 527 2.17 39.3							11.80 28.6						
1.90 47.6 1060 2.11 11.8							6.90 45.8 543 2.19 34.2							11.90 40.3						
2.00 42.5 874 2.06 11.1							7.00 53.6 611 2.20 37.3							12.00 46.6						
2.10 40.4 1054 2.04 11.2							7.10 46.2 535 2.20 33.8													
2.20 40.1 1024 2.11 14.1							7.20 38.4 611 2.19 33.3													
2.30 33.4 1091 2.20 14.9							7.30 35.5 519 2.16 33.2													
2.40 43.7 1014 2.31 21.0							7.40 40.3 651 2.15 32.9													
2.50 29.5 938 2.31 25.9							7.50 36.6 667 2.15 32.0													
2.60 34.0 1014 2.32 25.8							7.60 34.6 743 2.20 36.6													
2.70 25.9 791 2.24 22.2							7.70 37.7 766 2.21 37.1													
2.80 11.4 936 2.13 22.8							7.80 43.9 619 2.23 33.9													
2.90 1.9 1478 2.15 22.1							7.90 47.9 604 2.23 34.4													
3.00 1215 2.17 20.6							8.00 42.4 743 2.23 28.3													
3.10 15.0 1161 2.22 24.9							8.10 36.5 526 2.22 29.9													
3.20 31.6 759 2.27 27.8							8.20 35.4 611 2.21 28.3													
3.30 38.8 658 2.31 30.2							8.30 36.4 456 2.21 29.6													
3.40 47.0 704 2.32 24.8							8.40 36.8 666 2.24 31.0													
3.50 35.8 789 2.23 21.6							8.50 45.6 573 2.23 29.2													
3.60 24.6 862 2.14 21.5							8.60 48.4 689 2.26 30.5													
3.70 18.6 936 2.05 22.6							8.70 43.4 604 2.24 30.9													
3.80 17.6 735 2.07 31.5							8.80 37.6 681 2.21 30.3													
3.90 19.3 590 2.07 39.4							8.90 34.6 628 2.20 28.0													
4.00 22.8 760 2.06 42.2							9.00 37.0 551 2.18 29.6													
4.10 25.1 727 2.02 41.2							9.10 31.2 619 2.18 34.2													
4.20 25.7 689 2.07 39.8							9.20 28.6 704 2.18 35.0													
4.30 25.4 604 2.07 44.4							9.30 23.4 650 2.20 32.2													
4.40 26.9 612 2.08 42.7							9.40 12.7 549 2.20 30.4													
4.50 29.4 588 2.06 44.6							9.50 14.2 828 2.23 29.1													
4.60 25.1 729 2.05 39.4							9.60 21.6 1061 2.28 29.9													
4.70 23.4 619 2.05 38.3							9.70 27.5 1123 2.29 26.7													
4.80 23.0 727 2.09 42.4							9.80 33.4 842 2.24 24.8													
4.90 27.4 735 2.14 43.0							9.90 31.2 1030 2.14 23.2													
revision : 10-May-2005 – AxT																				

158	date: 20.08.2004	local coordinates : x=25.04m, y=73.66m, h=98.32m	water table z_w : 2.39m depth $z_{\max}$: 12.00m
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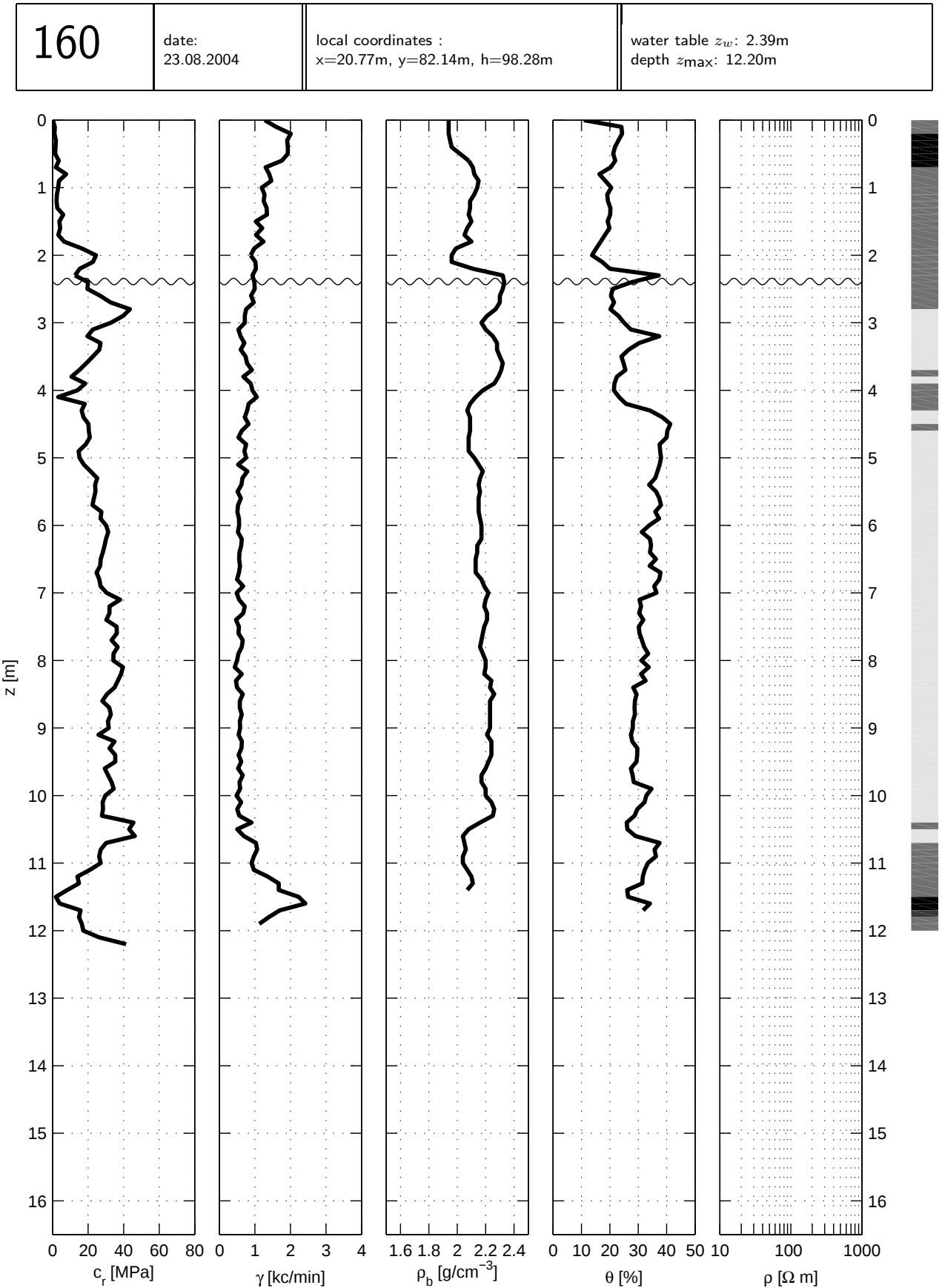


159		date: 20.08.2004		local coordinates : x=24.50m, y=67.12m, h=98.37m				water table z_w : 2.40m depth z_{max} : 12.00m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		752	1.93	6.0		5.00	30.0	651	2.10	41.8		10.00	18.4	967	2.07	22.6	
0.10	1.1	1671	1.92	18.1		5.10	30.5	766	2.15	36.3		10.10	4.8	1669	2.05	25.9	
0.20	3.5	1641	1.91	23.2		5.20	32.8	558	2.15	36.1		10.20		1607	2.06	27.3	
0.30	5.3	2027	1.90	20.8		5.30	31.0	673	2.16	32.9		10.30		1700	2.06	26.5	
0.40	4.4	2001	1.91	21.2		5.40	37.1	503	2.14	32.4		10.40	1.3	1513	2.03	26.4	
0.50	3.5	2073	1.96	22.8		5.50	35.6	596	2.13	36.3		10.50	17.3	936	2.07	32.0	
0.60	2.8	1877	1.99	23.6		5.60	41.0	573	2.12	38.5		10.60	34.3	1123	2.07	39.2	
0.70	2.9	1919	2.02	23.5		5.70	38.5	597	2.17	36.6		10.70	18.8	1825	2.05	34.6	
0.80	2.5	1838	2.02	25.3		5.80	39.0	549	2.18	37.5		10.80	7.3	3073	2.03	25.5	
0.90	2.4	1548	2.08	25.8		5.90	43.9	448	2.18	34.1		10.90	1.9	4025	2.02	27.7	
1.00	3.0	1675	2.10	22.9		6.00	48.7	519	2.18	32.4		11.00	8.0	3323	2.05	29.0	
1.10	7.2	1486	2.15	21.0		6.10	50.8	566	2.17	31.7		11.10	10.4	3229	2.09	30.3	
1.20	38.8	1287	2.13	18.1		6.20	49.4	526	2.15	33.3		11.20	3.0	3962		26.8	
1.30	60.0	1054	2.12	14.0		6.30	49.2	590	2.15	31.4		11.30	2.5	2824		27.8	
1.40	53.6	1000	2.13	14.2		6.40	42.1	620	2.15	33.8		11.40	1.8	2293		29.4	
1.50	57.0	1037	2.10	13.6		6.50	41.9	658	2.17	33.2		11.50	6.6	1513		33.5	
1.60	61.0	967	2.11	12.9		6.60	46.6	519	2.19	36.4		11.60	25.6	998			
1.70	72.4	983	2.12	11.8		6.70	52.3	541	2.19	32.8		11.70	36.1	593			
1.80	48.1	805	2.11	13.9		6.80	52.8	557	2.17	32.8		11.80	46.1				
1.90	45.5	1060	2.07	14.3		6.90	50.8	526	2.18	31.9		11.90	52.2				
2.00	54.2	905	2.08	15.0		7.00	47.3	634	2.18	33.3		12.00	51.4				
2.10	40.4	1024	2.09	15.2		7.10	50.5	634	2.18	33.3							
2.20	39.1	844	2.16	16.3		7.20	45.6	566	2.21	34.1							
2.30	44.0	1068	2.18	17.5		7.30	43.0	549	2.18	31.3							
2.40	54.5	1029	2.16	25.1		7.40	39.7	659	2.16	32.2							
2.50	58.0	1062	2.26	30.7		7.50	42.1	619	2.15	30.8							
2.60	52.0	859	2.28	25.1		7.60	34.3	619	2.14	32.0							
2.70	40.4	868	2.29	24.5		7.70	40.4	783	2.11	34.1							
2.80	39.0	898	2.31	22.7		7.80	35.0	441	2.12	34.6							
2.90	48.0	799	2.29	22.1		7.90	33.8	541	2.16	37.7							
3.00	51.4	720	2.29	23.1		8.00	36.6	441	2.24	37.8							
3.10	49.1	759	2.29	22.3		8.10	43.7	580	2.22	29.8							
3.20	36.1	673	2.29	26.1		8.20	44.2	720	2.23	28.3							
3.30	39.0	720	2.28	22.0		8.30	44.8	551	2.21	27.6							
3.40	45.5	743	2.27	22.4		8.40	38.2	543	2.22	28.1							
3.50	50.8	720	2.21	24.3		8.50	40.8	588	2.24	30.2							
3.60	44.8	642	2.15	24.8		8.60	47.0	565	2.25	30.3							
3.70	36.8	573	2.11	26.4		8.70	59.0	713	2.25	28.1							
3.80	30.6	651	2.07	29.3		8.80	61.1	448	2.22	27.7							
3.90	29.6	673	2.07	36.0		8.90	53.4	604	2.20	25.3							
4.00	25.8	959	2.08	37.2		9.00	40.1	650	2.19	27.6							
4.10	23.9	866	2.07	39.7		9.10	43.7	596	2.18	31.2							
4.20	24.4	836	2.08	39.6		9.20	41.2	565	2.19	32.8							
4.30	25.1	797	2.07	37.7		9.30	47.4	651	2.18	30.8							
4.40	26.6	689	2.03	39.7		9.40	42.6	611	2.19	30.3							
4.50	28.7	752	2.08	39.8		9.50	41.3	573	2.23	29.2							
4.60	26.3	659	2.08	42.5		9.60	41.9	558	2.26	32.1							
4.70	27.1	588	2.09	43.2		9.70	50.5	705	2.26	28.1							
4.80	30.6	566	2.10	39.3		9.80	46.6	686	2.20	24.9							
4.90	27.6	659	2.10	34.9		9.90	42.8	936	2.15	24.2							
revision : 10-May-2005 – Ax7																	

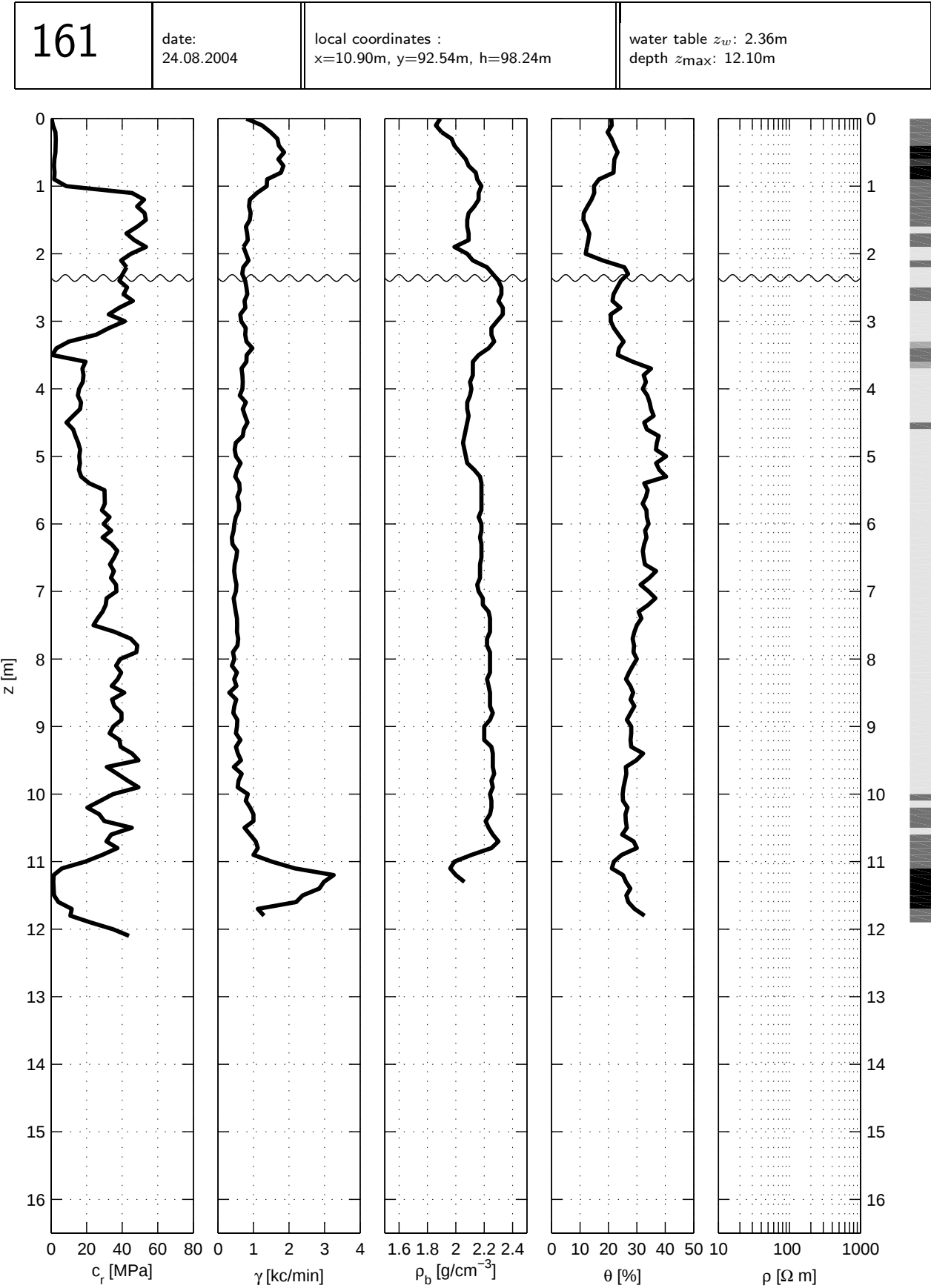
159	date: 20.08.2004	local coordinates : x=24.50m, y=67.12m, h=98.37m	water table z_w : 2.40m depth $z_{\max}$: 12.00m
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160		date: 23.08.2004		local coordinates : x=20.77m, y=82.14m, h=98.28m				water table z_w : 2.39m depth z_{max} : 12.20m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1277	1.94	10.9		5.00	15.1	751	2.12	38.0		10.00	29.6	480	2.20	32.8	
0.10	1.2	1597	1.94	24.1		5.10	17.6	526	2.15	37.5		10.10	28.2	612	2.24	32.2	
0.20		2008	1.94	24.3		5.20	21.4	789	2.18	36.8		10.20	28.4	499	2.26	29.7	
0.30	1.8	1904	1.95	23.0		5.30	25.1	650	2.16	36.0		10.30	27.8	562	2.25	28.7	
0.40	1.6	1927	1.96	21.8		5.40	23.9	619	2.15	33.8		10.40	45.5	905	2.16	25.9	
0.50	1.4	1927	2.02	21.2		5.50	24.1	512	2.16	36.3		10.50	43.1	499	2.08	26.2	
0.60	3.5	1756	2.08	21.9		5.60	23.2	604	2.15	37.4		10.60	46.3	686	2.04	29.0	
0.70	1.8	1300	2.11	20.3		5.70	22.4	526	2.15	38.0		10.70	30.1	1030	2.05	37.5	
0.80	7.6	1403	2.12	16.3		5.80	27.5	504	2.15	36.0		10.80	27.1	1061	2.06	35.7	
0.90	3.6	1462	2.15	18.4		5.90	27.0	551	2.16	37.3		10.90	26.2	967	2.04	36.2	
1.00	3.1	1191	2.14	20.5		6.00	30.1	557	2.17	33.8		11.00	27.1	905	2.04	33.4	
1.10	2.4	1269	2.12	19.1		6.10	31.3	519	2.17	31.2		11.10	21.0	967	2.07	32.3	
1.20	2.2	1246	2.09	19.3		6.20	30.0	628	2.17	34.1		11.20	14.0	1357	2.10	31.6	
1.30	2.6	1331	2.09	20.2		6.30	29.2	612	2.14	34.5		11.30	14.8	1669	2.11	31.4	
1.40	6.0	1339	2.08	20.1		6.40	28.3	565	2.14	34.1		11.40	8.2	1669	2.07	26.1	
1.50	3.8	1021	2.10	19.2		6.50	27.1	557	2.13	36.2		11.50	1.8	2231		26.4	
1.60	4.3	1207	2.07	19.9		6.60	26.8	580	2.13	34.0		11.60	4.0	2418		34.1	
1.70	3.2	1029	2.05	18.3		6.70	24.7	549	2.13	37.8		11.70	15.7	1700		31.7	
1.80	6.5	1238	2.10	16.8		6.80	26.3	495	2.17	37.4		11.80	14.8	1388			
1.90	16.4	977	1.99	15.2		6.90	27.0	666	2.19	35.6		11.90	16.4	1123			
2.00	24.4	882	1.96	13.7		7.00	30.4	487	2.22	36.4		12.00	17.3				
2.10	22.7	1014	1.96	17.3		7.10	38.0	557	2.20	30.4		12.10	26.2				
2.20	15.2	1029	2.11	20.0		7.20	32.0	712	2.19	31.0		12.20	41.4				
2.30	12.6	929	2.32	37.2		7.30	32.0	673	2.21	30.3							
2.40	20.0	983	2.33	27.6		7.40	30.2	464	2.21	31.8							
2.50	19.6	993	2.32	21.0		7.50	36.1	549	2.19	30.2							
2.60	26.8	890	2.30	20.4		7.60	36.2	534	2.18	30.4							
2.70	32.6	967	2.30	21.5		7.70	33.2	659	2.17	31.3							
2.80	43.6	751	2.27	20.2		7.80	36.6	627	2.16	32.1							
2.90	39.7	712	2.21	23.0		7.90	34.3	534	2.18	33.5							
3.00	32.8	720	2.17	25.0		8.00	34.2	495	2.20	31.1							
3.10	22.6	535	2.20	27.4		8.10	39.6	434	2.20	33.7							
3.20	19.6	596	2.25	37.4		8.20	38.5	627	2.19	31.0							
3.30	27.0	705	2.28	30.3		8.30	36.7	464	2.24	32.6							
3.40	26.3	597	2.28	26.6		8.40	34.9	496	2.23	28.2							
3.50	22.6	736	2.30	24.1		8.50	30.6	659	2.26	29.4							
3.60	19.0	775	2.32	24.8		8.60	28.0	573	2.23	28.8							
3.70	15.0	913	2.31	25.5		8.70	31.9	574	2.23	28.7							
3.80	10.6	673	2.29	22.5		8.80	32.8	627	2.23	28.8							
3.90	18.4	882	2.26	21.6		8.90	31.1	573	2.23	28.1							
4.00	14.0	930	2.18	21.4		9.00	31.6	582	2.23	28.1							
4.10	3.1	1054	2.13	23.2		9.10	25.8	541	2.21	27.4							
4.20	18.1	822	2.09	25.7		9.20	34.9	634	2.24	27.9							
4.30	16.3	781	2.07	34.1		9.30	32.0	619	2.24	29.7							
4.40	17.4	712	2.09	38.5		9.40	35.3	541	2.24	29.6							
4.50	20.2	822	2.09	41.3		9.50	35.3	612	2.22	29.4							
4.60	20.4	627	2.09	40.2		9.60	29.3	526	2.20	27.4							
4.70	21.0	534	2.08	40.0		9.70	31.2	658	2.17	28.0							
4.80	18.7	751	2.08	37.5		9.80	33.2	565	2.17	28.4							
4.90	14.6	704	2.08	37.7		9.90	34.4	582	2.20	34.7							
revision : 10-May-2005 – AxT																	

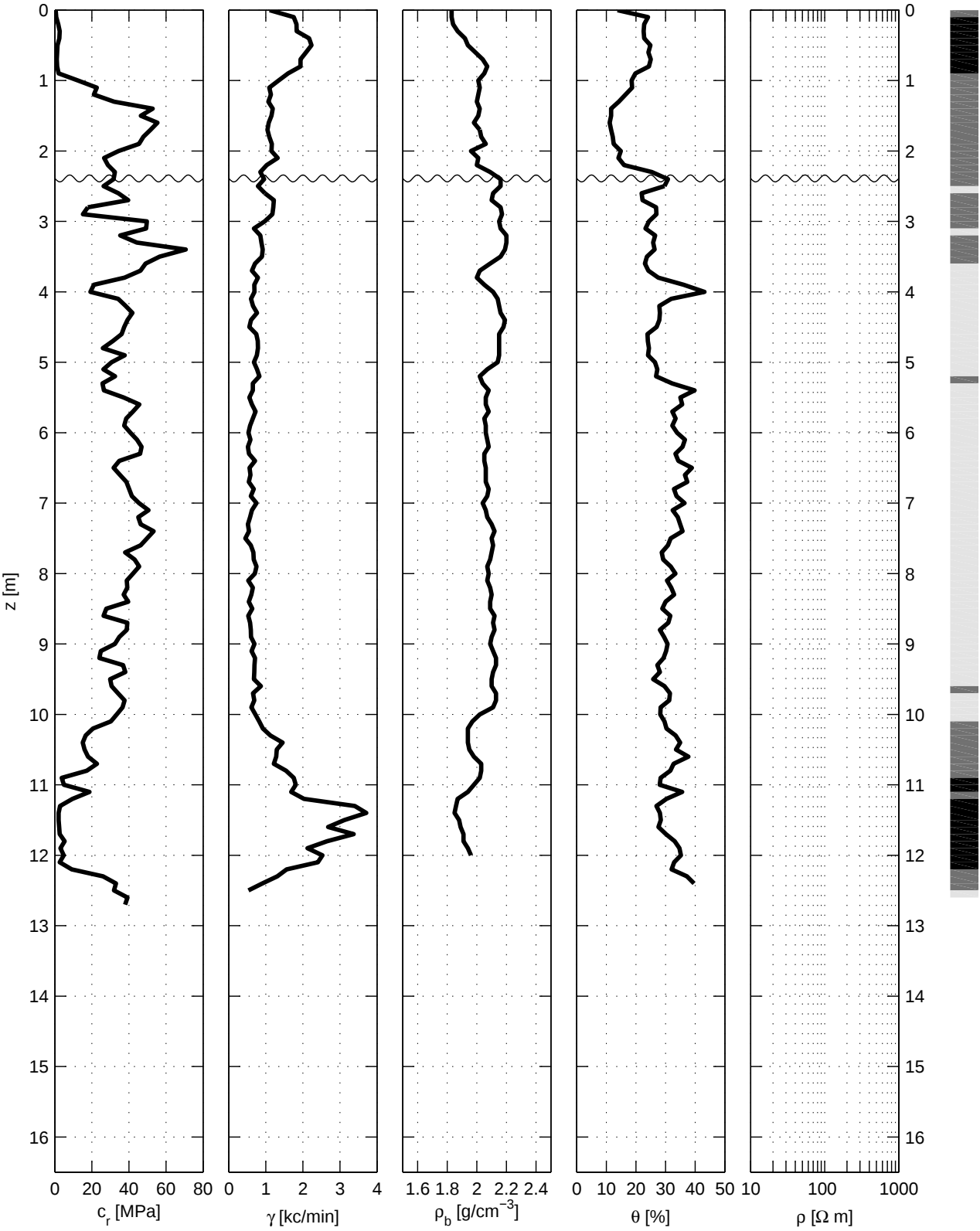


161	date: 24.08.2004		local coordinates : x=10.90m, y=92.54m, h=98.24m				water table z_w : 2.36m depth z_{max} : 12.10m											
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			801	1.89	21.0		5.00	15.8	507	2.07	40.3		10.00	34.9	842	2.24	25.0	
0.10			1240	1.86	21.2		5.10	16.2	640	2.08	36.8		10.10	27.8	780	2.25	25.1	
0.20	2.4	1483	1.90	19.7			5.20	15.6	541	2.13	37.9		10.20	20.4	905	2.25	26.7	
0.30	2.6	1673	1.97	21.1			5.30	16.9	487	2.17	40.3		10.30	27.1	998	2.24	26.0	
0.40	2.5	1714	1.99	22.1			5.40	21.5	600	2.18	32.6		10.40	29.9	998	2.21	26.1	
0.50	2.4	1860	2.03	23.2			5.50	30.0	613	2.18	33.8		10.50	45.4	749	2.23	26.5	
0.60	1.8	1700	2.07	22.1			5.60	30.1	547	2.18	33.2		10.60	33.8	905	2.26	24.8	
0.70	1.6	1840	2.09	21.9			5.70	30.2	594	2.18	32.0		10.70	31.1	1061	2.30	28.9	
0.80	1.9	1774	2.14	21.8			5.80	28.6	587	2.18	33.4		10.80	37.3	1123	2.25	30.0	
0.90	1.7	1383	2.15	16.7			5.90	32.9	500	2.16	33.5		10.90	28.8	998	2.11	24.6	
1.00	8.5	1376	2.18	14.9			6.00	29.5	460	2.18	34.1		11.00	19.3	1513	1.99	21.9	
1.10	45.5	1095	2.16	15.0			6.10	33.8	440	2.18	32.9		11.10	6.1	2168	1.96	21.2	
1.20	52.3	895	2.16	14.0			6.20	29.0	394	2.17	33.4		11.20	1.4	3260	2.00	25.1	
1.30	48.4	874	2.13	12.6			6.30	34.0	407	2.18	32.6		11.30	1.2	2980	2.06	26.2	
1.40	52.6	922	2.09	11.3			6.40	37.2	540	2.18	32.1		11.40	1.4	2855		27.7	
1.50	53.3	893	2.08	11.2			6.50	35.5	514	2.18	32.4		11.50	1.6	2387		26.3	
1.60	48.5	787	2.08	12.3			6.60	33.1	473	2.17	32.8		11.60	4.1	2200		27.0	
1.70	42.4	820	2.09	13.3			6.70	35.4	454	2.17	36.8		11.70	11.6	1123		29.2	
1.80	46.8	842	2.09	12.9			6.80	33.7	480	2.17	34.4		11.80	10.8	1295		32.7	
1.90	53.4	720	1.99	12.4			6.90	36.5	520	2.15	31.3		11.90	22.0				
2.00	44.9	794	2.08	12.0			7.00	36.7	507	2.16	34.1		12.00	34.8				
2.10	39.4	860	2.12	18.0			7.10	31.2	440	2.19	36.5		12.10	43.8				
2.20	42.5	713	2.22	25.6			7.20	30.7	473	2.19	34.0							
2.30	40.3	682	2.26	26.9			7.30	29.0	500	2.23	30.6							
2.40	38.4	767	2.30	24.4			7.40	26.2	534	2.24	31.6							
2.50	42.8	801	2.32	23.1			7.50	23.8	541	2.24	30.0							
2.60	40.8	827	2.32	21.8			7.60	35.8	533	2.24	29.1							
2.70	46.0	748	2.30	21.4			7.70	44.8	568	2.22	28.5							
2.80	38.3	773	2.33	24.2			7.80	48.5	548	2.22	29.0							
2.90	32.4	627	2.33	20.8			7.90	48.0	420	2.24	28.8							
3.00	41.5	654	2.29	20.8			8.00	38.9	460	2.24	30.0							
3.10	32.5	780	2.25	21.9			8.10	36.5	394	2.24	28.6							
3.20	25.3	767	2.25	23.6			8.20	39.4	534	2.24	27.2							
3.30	10.0	800	2.27	25.4			8.30	37.4	454	2.22	26.2							
3.40	3.0	967	2.23	23.7			8.40	34.1	521	2.23	27.7							
3.50		806	2.16	23.3			8.50	41.2	320	2.24	28.7							
3.60	19.4	800	2.12	28.5			8.60	34.3	514	2.24	27.8							
3.70	17.6	661	2.12	35.0			8.70	35.6	461	2.24	29.1							
3.80	18.2	688	2.12	32.4			8.80	39.6	433	2.26	27.8							
3.90	17.8	700	2.10	33.2			8.90	39.6	547	2.24	26.5							
4.00	15.7	687	2.11	32.1			9.00	35.0	533	2.20	28.0							
4.10	15.0	614	2.10	33.7			9.10	32.9	507	2.20	28.0							
4.20	16.8	787	2.08	34.5			9.20	38.4	633	2.20	27.8							
4.30	16.3	700	2.08	35.0			9.30	39.1	507	2.25	28.0							
4.40	12.4	760	2.09	35.9			9.40	45.5	560	2.26	32.2							
4.50	8.6	833	2.08	32.6			9.50	49.2	647	2.26	29.8							
4.60	12.4	727	2.07	33.5			9.60	31.3	447	2.26	26.1							
4.70	13.7	700	2.06	37.7			9.70	37.2	666	2.27	26.3							
4.80	15.2	500	2.05	37.0			9.80	43.1	580	2.25	25.8							
4.90	16.3	473	2.06	36.7			9.90	49.2	553	2.26	25.3							
revision : 10-May-2005 – AxT																		



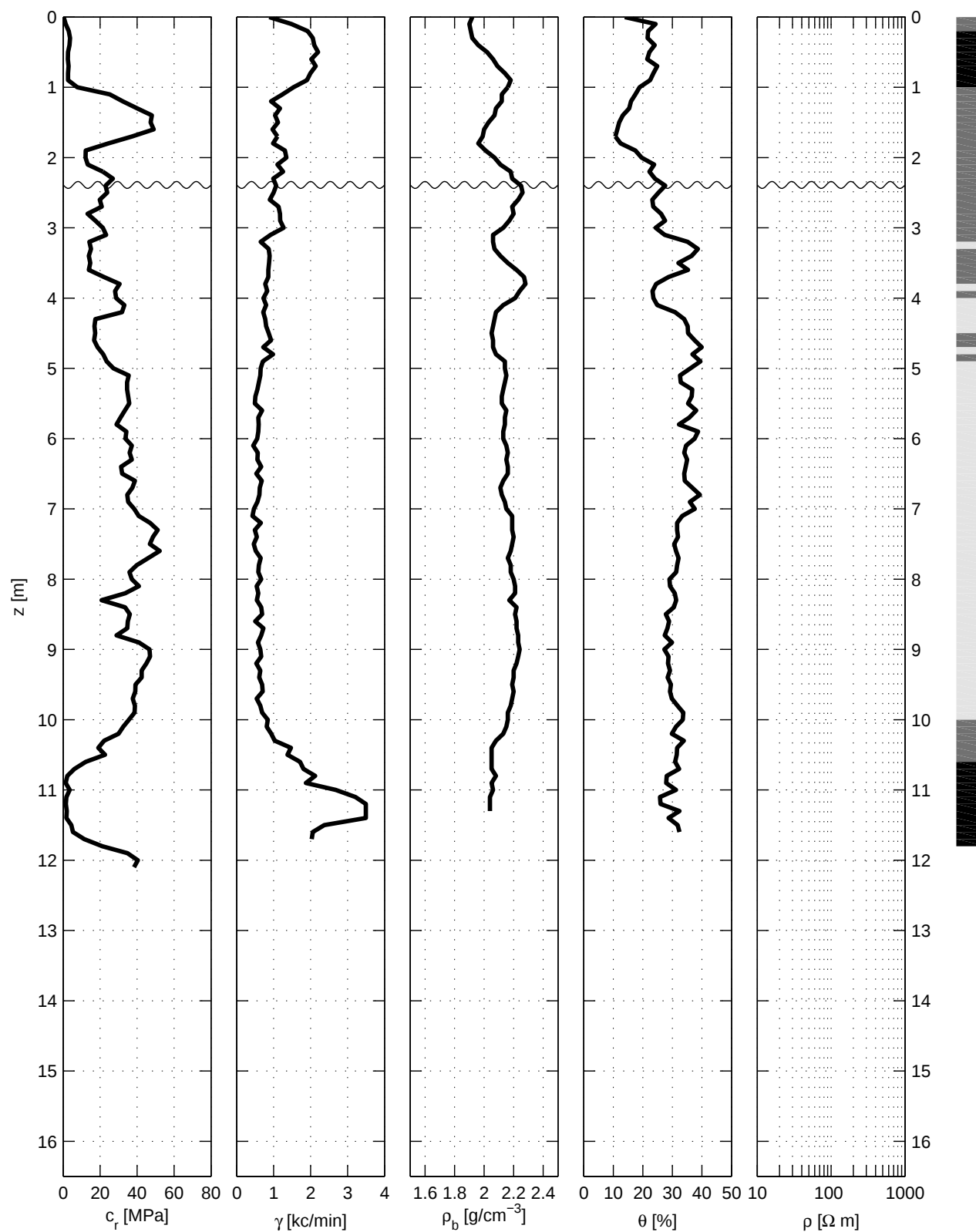
162		date: 30.08.2004		local coordinates : x=14.73m, y=82.06m, h=98.24m						water table z_w : 2.39m depth z_{max} : 12.70m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1100	1.83	13.8		5.00	30.6	679	2.14	26.4		10.00	33.4	718	2.02	28.2	
0.10		1755	1.83	24.1		5.10	26.2	764	2.07	27.2		10.10	30.2	819	1.97	29.6	
0.20	1.8	1825	1.84	22.8		5.20	32.5	827	2.02	26.8		10.20	20.6	920	1.94	30.3	
0.30	2.6	1833	1.87	22.6		5.30	25.7	647	2.04	32.2		10.30	16.6	1123	1.94	33.4	
0.40	2.4	2168	1.92	22.8		5.40	26.5	647	2.08	39.8		10.40	15.0	1451	1.94	34.9	
0.50	1.4	2231	1.94	24.9		5.50	37.1	554	2.06	35.0		10.50	16.0	1295	1.95	33.5	
0.60	1.2	2083	1.99	24.2		5.60	45.6	624	2.06	35.6		10.60	17.9	1279	1.98	37.7	
0.70		1934	2.04	25.0		5.70	42.2	725	2.08	32.3		10.70	22.7	1217	2.03	32.7	
0.80	1.2	1934	2.07	24.4		5.80	38.5	647	2.05	33.4		10.80	17.2	1544	2.03	31.6	
0.90	2.0	1599	2.05	19.8		5.90	37.4	577	2.06	32.3		10.90	3.7	1755	2.02	28.3	
1.00	12.5	1342	2.01	18.5		6.00	40.8	530	2.06	33.9		11.00	4.9	1810	1.98	28.0	
1.10	22.6	1092	2.02	18.7		6.10	44.3	585	2.07	36.5		11.10	18.7	1685	1.94	35.6	
1.20	21.1	1139	2.01	16.5		6.20	46.8	515	2.08	35.7		11.20	9.5	2028	1.87	30.3	
1.30	32.0	1069	2.00	14.2		6.30	46.0	546	2.05	33.3		11.30	2.8	3401	1.86	26.9	
1.40	52.8	1186	2.02	11.6		6.40	34.8	710	2.05	34.3		11.40	2.0	3713	1.85	28.1	
1.50	46.4	1154	2.01	11.6		6.50	31.7	562	2.06	38.9		11.50	2.0	3120	1.88	28.4	
1.60	55.4	1076	1.98	11.1		6.60	35.2	585	2.06	36.5		11.60	2.3	2683	1.89	27.6	
1.70	51.6	1045	2.02	11.6		6.70	38.6	538	2.06	37.3		11.70	2.6	3370	1.91	30.1	
1.80	47.8	1092	2.03	12.2		6.80	40.1	671	2.08	32.8		11.80	5.3	2652	1.91	33.1	
1.90	45.4	1162	2.06	12.5		6.90	41.6	593	2.07	33.7		11.90	3.0	2122	1.94	34.7	
2.00	34.4	1154	1.96	14.9		7.00	45.4	749	2.04	36.4		12.00	4.8	2527	1.96	35.2	
2.10	26.6	1318	2.01	14.1		7.10	50.6	624	2.06	32.4		12.10	2.6	2402		32.9	
2.20	28.7	1022	2.00	16.0		7.20	45.0	577	2.07	34.1		12.20	9.1	1560		32.0	
2.30	32.4	850	2.09	25.4		7.30	46.3	515	2.10	34.9		12.30	26.0	1310		37.2	
2.40	31.7	952	2.16	30.8		7.40	53.3	546	2.12	35.7		12.40	33.0	905		39.6	
2.50	26.3	788	2.16	29.6		7.50	49.8	445	2.10	31.7		12.50	31.9	530			
2.60	34.3	975	2.11	21.9		7.60	46.3	593	2.11	30.8		12.60	39.2				
2.70	39.6	1217	2.10	22.2		7.70	37.9	663	2.10	28.7		12.70	37.9				
2.80	17.8	1201	2.16	26.8		7.80	43.1	671	2.09	29.2							
2.90	15.1	1178	2.17	26.9		7.90	45.5	749	2.07	31.7							
3.00	49.7	967	2.15	24.4		8.00	42.2	702	2.08	33.3							
3.10	49.3	679	2.16	23.2		8.10	38.8	523	2.07	30.5							
3.20	35.3	850	2.20	26.5		8.20	39.1	647	2.09	31.9							
3.30	44.2	881	2.20	25.8		8.30	37.1	608	2.10	32.9							
3.40	70.7	913	2.19	26.3		8.40	39.6	538	2.09	30.0							
3.50	56.6	897	2.16	23.7		8.50	27.8	632	2.09	28.9							
3.60	49.0	710	2.09	23.0		8.60	26.3	523	2.12	31.6							
3.70	46.2	624	2.02	24.2		8.70	39.1	577	2.11	30.9							
3.80	37.6	788	2.00	27.5		8.80	38.8	593	2.12	28.1							
3.90	21.1	686	2.05	36.1		8.90	34.8	601	2.10	29.5							
4.00	19.2	694	2.11	43.1		9.00	32.4	694	2.09	30.7							
4.10	34.2	601	2.14	31.9		9.10	24.8	616	2.11	30.2							
4.20	38.2	655	2.15	27.9		9.20	24.0	710	2.13	29.3							
4.30	41.9	764	2.16	28.1		9.30	36.8	694	2.13	27.2							
4.40	39.2	601	2.19	27.9		9.40	38.0	686	2.11	28.1							
4.50	37.4	554	2.18	27.0		9.50	29.8	679	2.10	25.8							
4.60	36.1	741	2.15	23.9		9.60	30.6	866	2.10	29.6							
4.70	31.3	780	2.15	24.0		9.70	34.1	655	2.13	31.5							
4.80	25.9	788	2.15	24.4		9.80	37.6	686	2.13	31.2							
4.90	37.7	757	2.15	24.1		9.90	36.5	608	2.11	28.3							
revision : 10-May-2005 – AxT																	

162	date: 30.08.2004	local coordinates : x=14.73m, y=82.06m, h=98.24m	water table z_w : 2.39m depth $z_{\max}$: 12.70m
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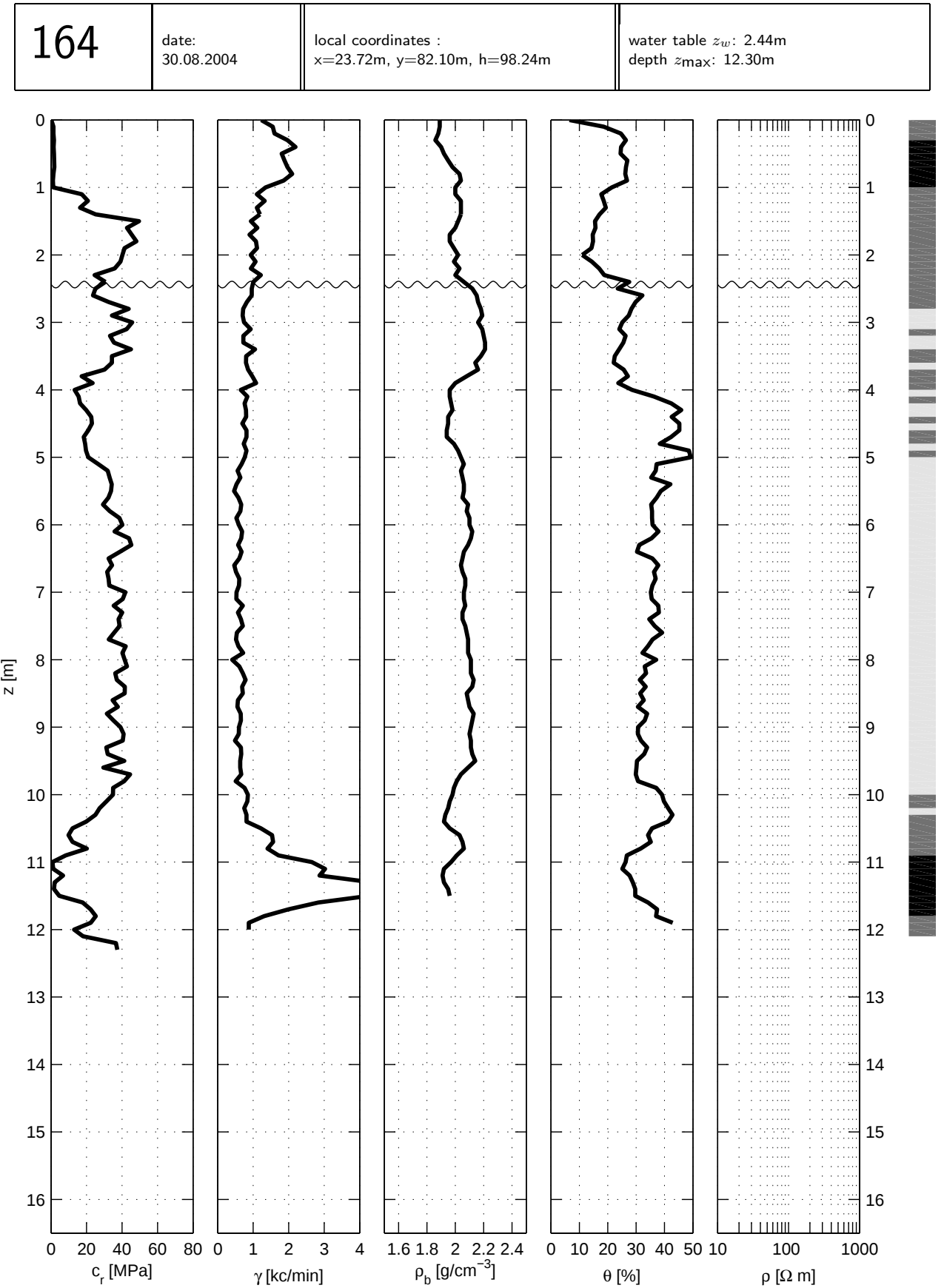


163		date: 30.08.2004		local coordinates : x=18.80m, y=76.56m, h=98.24m						water table z_w : 2.39m depth z_{max} : 12.10m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		881	1.92	13.9		5.00	27.2	647	2.14	36.1		10.00	35.6	842	2.16	33.5	
0.10	1.3	1482	1.90	24.3		5.10	35.5	640	2.15	32.6		10.10	32.5	811	2.15	31.2	
0.20	3.0	1919	1.91	21.8		5.20	34.6	601	2.14	32.8		10.20	29.9	936	2.13	29.8	
0.30	3.7	2059	1.92	21.6		5.30	34.6	562	2.13	36.7		10.30	22.1	1030	2.08	33.9	
0.40	3.4	2098	1.96	24.0		5.40	35.2	507	2.12	36.5		10.40	19.0	1466	2.05	31.6	
0.50	2.6	2200	2.02	22.2		5.50	35.8	491	2.12	35.3		10.50	22.6	1373	2.05	31.5	
0.60	2.5	22020	2.06	21.5		5.60	33.4	686	2.15	38.1		10.60	12.2	1716	2.05	30.9	
0.70	2.9	2137	2.09	24.9		5.70	31.0	585	2.14	35.7		10.70	6.1	1810	2.05	32.3	
0.80	2.6	1997	2.14	23.6		5.80	28.9	593	2.14	32.2		10.80	2.2	2122	2.08	28.1	
0.90	2.6	1903	2.18	22.5		5.90	34.2	585	2.13	38.7		10.90	1.3	1872	2.05	27.9	
1.00	7.6	1537	2.16	18.9		6.00	33.7	554	2.13	37.5		11.00	3.5	2683	2.06	31.2	
1.10	25.2	1240	2.12	17.5		6.10	37.1	445	2.15	34.6		11.10	1.7	3214	2.04	25.8	
1.20	32.2	928	2.12	16.0		6.20	36.0	569	2.16	34.0		11.20	1.4	3494	2.04	26.0	
1.30	40.1	1170	2.08	15.4		6.30	37.1	562	2.15	35.0		11.30	1.9	3494	2.04	32.4	
1.40	48.0	1037	2.07	13.2		6.40	31.3	663	2.16	34.5		11.40	1.7	3494		28.7	
1.50	47.3	1115	2.03	12.0		6.50	31.9	530	2.16	34.0		11.50	4.4	2371		31.8	
1.60	49.0	967	2.00	11.4		6.60	38.8	679	2.13	34.2		11.60	5.3	2059		32.4	
1.70	37.2	1100	1.99	10.7		6.70	37.4	624	2.11	36.7		11.70	11.4	2028			
1.80	24.4	983	1.96	12.5		6.80	34.7	616	2.12	39.3		11.80	21.2				
1.90	12.2	1303	2.01	17.5		6.90	35.2	562	2.14	35.9		11.90	34.8				
2.00	12.1	1342	2.07	19.6		7.00	38.4	468	2.15	37.6		12.00	40.4				
2.10	13.3	1100	2.11	23.8		7.10	40.9	429	2.19	33.3		12.10	38.3				
2.20	21.5	1256	2.18	22.2		7.20	47.0	655	2.19	31.6							
2.30	26.9	991	2.19	24.1		7.30	51.1	491	2.19	31.6							
2.40	22.9	1069	2.25	27.6		7.40	48.6	546	2.20	31.9							
2.50	23.8	998	2.26	25.3		7.50	46.9	460	2.19	30.6							
2.60	19.8	897	2.23	23.2		7.60	52.2	515	2.18	31.2							
2.70	20.9	1131	2.19	23.5		7.70	46.0	647	2.16	32.1							
2.80	13.2	1170	2.20	26.2		7.80	39.8	601	2.18	31.6							
2.90	17.4	1178	2.17	27.5		7.90	35.9	585	2.18	31.3							
3.00	21.5	1271	2.13	24.3		8.00	37.1	663	2.20	29.0							
3.10	23.2	913	2.06	27.4		8.10	41.0	538	2.21	29.2							
3.20	14.2	647	2.06	35.2		8.20	33.6	585	2.21	30.8							
3.30	15.0	866	2.07	38.6		8.30	20.8	546	2.17	31.3							
3.40	13.9	889	2.11	36.5		8.40	33.5	663	2.22	30.5							
3.50	14.6	874	2.16	32.0		8.50	36.1	686	2.21	27.8							
3.60	13.9	858	2.22	35.3		8.60	35.0	499	2.22	28.9							
3.70	22.0	858	2.27	28.7		8.70	34.7	725	2.22	28.3							
3.80	30.5	772	2.28	24.5		8.80	28.9	663	2.23	27.4							
3.90	28.1	827	2.24	23.3		8.90	41.0	577	2.23	29.9							
4.00	28.7	725	2.21	23.6		9.00	46.7	640	2.24	27.3							
4.10	33.1	796	2.13	24.9		9.10	47.0	663	2.23	28.7							
4.20	31.8	718	2.08	30.9		9.20	45.0	530	2.22	28.5							
4.30	17.4	772	2.07	34.0		9.30	42.5	640	2.20	29.2							
4.40	16.9	796	2.06	35.2		9.40	42.5	608	2.20	28.4							
4.50	17.3	866	2.05	35.3		9.50	39.1	686	2.19	29.5							
4.60	16.7	928	2.06	37.5		9.60	39.0	702	2.20	29.2							
4.70	18.6	718	2.06	39.9		9.70	37.6	538	2.19	29.8							
4.80	21.7	983	2.08	36.8		9.80	38.8	640	2.18	31.7							
4.90	23.5	710	2.14	39.5		9.90	38.6	686	2.16	33.7							
revision : 10-May-2005 – AxT																	

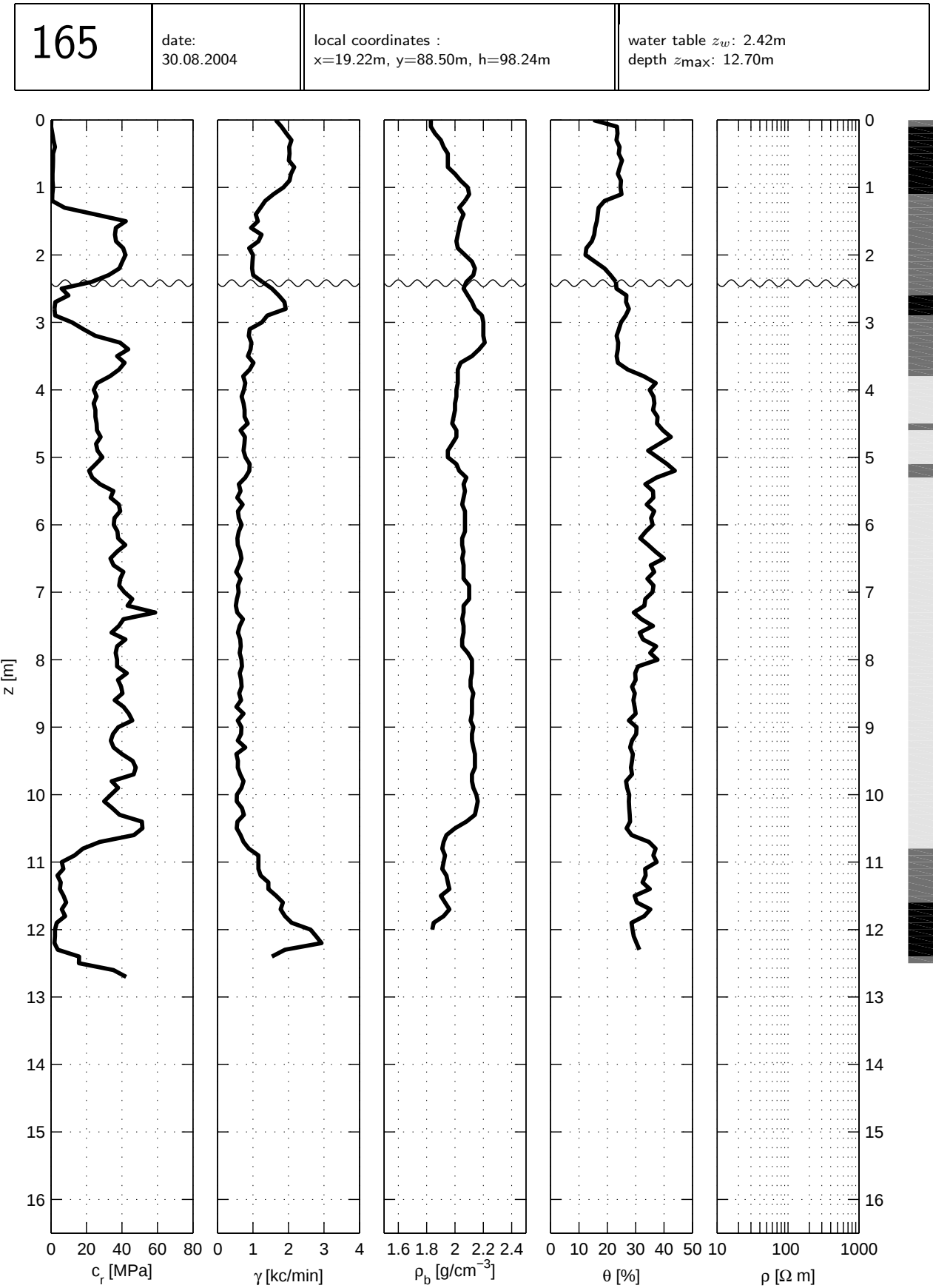
163	date: 30.08.2004	local coordinates : x=18.80m, y=76.56m, h=98.24m	water table z_w : 2.39m depth $z_{\max}$: 12.10m
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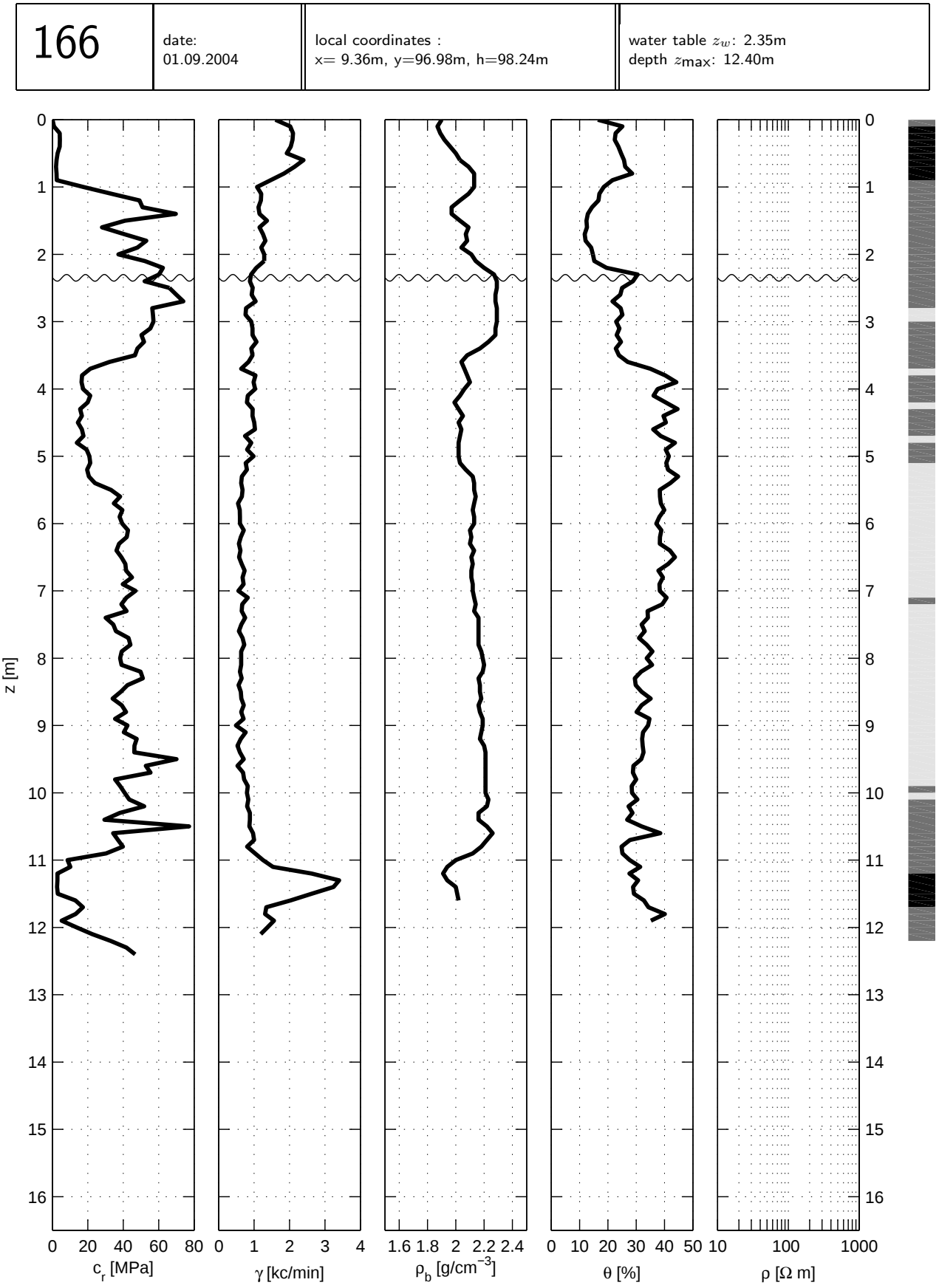
164		date: 30.08.2004		local coordinates : x=23.72m, y=82.10m, h=98.24m				water table z_w : 2.44m depth $z_{\max}$: 12.30m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1225	1.89	6.5		5.00	21.0	764	2.04	49.2		10.00	34.9	850	1.98	39.1	
0.10	1.3	1552	1.89	18.6		5.10	26.6	671	2.06	37.2		10.10	31.2	835	1.96	39.8	
0.20	1.3	1599	1.88	24.6		5.20	31.9	562	2.04	36.9		10.20	27.4	749	1.95	41.3	
0.30	1.6	1966	1.86	26.4		5.30	33.0	640	2.05	35.3		10.30	25.0	811	1.93	42.8	
0.40	1.4	2192	1.90	24.7		5.40	34.2	530	2.06	42.1		10.40	19.8	811	1.92	41.2	
0.50	1.6	1802	1.92	24.5		5.50	33.8	460	2.06	38.7		10.50	12.1	1217	1.96	35.6	
0.60	1.7	1880	1.95	26.9		5.60	32.3	585	2.05	37.2		10.60	9.8	1529	2.03	34.2	
0.70	1.8	1966	1.98	26.4		5.70	29.2	663	2.09	35.3		10.70	12.1	1560	2.05	35.2	
0.80	1.3	2098	2.03	26.2		5.80	33.1	640	2.08	35.6		10.80	20.2	1404	2.06	31.6	
0.90		1856	2.04	26.8		5.90	38.5	523	2.10	35.6		10.90	8.2	1716	2.01	26.7	
1.00	1.2	1349	2.00	21.4		6.00	40.2	593	2.10	35.8		11.00		2652	1.97	26.3	
1.10	17.3	1100	2.00	17.7		6.10	35.8	686	2.12	37.9		11.10	1.2	3026	1.92	25.1	
1.20	20.8	1326	2.04	18.6		6.20	43.9	663	2.11	35.4		11.20	6.8	2870	1.91	27.7	
1.30	16.3	1100	2.04	19.3		6.30	45.2	577	2.09	31.1		11.30	2.0	4337	1.92	28.8	
1.40	25.1	1193	2.04	17.1		6.40	38.8	671	2.06	30.3		11.40	1.6	5148	1.95	29.7	
1.50	49.6	936	2.02	15.5		6.50	32.4	608	2.05	35.7		11.50	4.6	4274	1.96	29.7	
1.60	42.8	1115	2.00	15.7		6.60	34.4	468	2.04	37.8		11.60	17.8	2839		34.2	
1.70	45.4	897	1.96	14.7		6.70	31.6	515	2.05	36.3		11.70	22.2	1997		37.4	
1.80	48.1	1076	1.96	14.8		6.80	32.4	608	2.07	36.9		11.80	25.2	1310		37.0	
1.90	41.4	1108	1.99	14.3		6.90	32.8	601	2.07	35.7		11.90	22.3	874		42.9	
2.00	40.2	928	2.02	11.0		7.00	41.9	530	2.06	35.2		12.00	13.0	874			
2.10	39.1	1069	1.99	14.4		7.10	40.4	523	2.06	35.5		12.10	18.0				
2.20	35.9	936	2.03	17.0		7.20	35.3	710	2.07	37.8		12.20	36.5				
2.30	24.5	1217	2.00	18.8		7.30	40.1	569	2.05	38.0		12.30	37.3				
2.40	30.6	1006	2.06	27.6		7.40	38.0	655	2.05	34.6							
2.50	25.0	959	2.12	23.5		7.50	38.6	710	2.07	36.5							
2.60	23.6	959	2.15	32.2		7.60	35.6	538	2.08	39.2							
2.70	32.5	819	2.16	29.8		7.70	32.5	515	2.09	35.8							
2.80	43.7	718	2.18	28.3		7.80	42.1	585	2.09	34.1							
2.90	34.3	702	2.19	27.4		7.90	40.2	718	2.09	32.2							
3.00	45.7	741	2.16	25.1		8.00	41.5	406	2.11	37.1							
3.10	42.6	928	2.19	24.1		8.10	42.8	608	2.11	33.0							
3.20	33.2	725	2.20	26.3		8.20	36.2	710	2.11	33.5							
3.30	35.5	725	2.21	25.5		8.30	37.0	788	2.13	31.3							
3.40	45.0	1053	2.21	24.0		8.40	41.6	686	2.12	33.4							
3.50	34.3	803	2.18	22.5		8.50	41.5	710	2.08	31.4							
3.60	34.3	796	2.14	22.1		8.60	34.7	569	2.09	32.7							
3.70	30.1	858	2.16	25.6		8.70	37.6	554	2.10	30.6							
3.80	17.2	975	2.08	27.1		8.80	31.4	647	2.13	33.9							
3.90	23.4	1084	2.00	23.7		8.90	35.2	655	2.12	33.0							
4.00	13.3	647	1.96	28.6		9.00	39.1	601	2.11	30.7							
4.10	15.5	835	1.96	36.3		9.10	40.9	593	2.10	30.6							
4.20	16.3	757	1.97	42.4		9.20	40.4	484	2.11	31.7							
4.30	19.8	796	1.98	45.9		9.30	31.1	655	2.11	33.9							
4.40	22.6	803	1.95	42.5		9.40	31.9	663	2.12	32.8							
4.50	23.0	694	1.95	45.2		9.50	41.3	632	2.14	30.3							
4.60	21.0	811	1.94	45.2		9.60	29.4	632	2.09	30.1							
4.70	18.4	811	1.94	42.3		9.70	44.5	663	2.04	29.9							
4.80	19.2	733	1.99	38.3		9.80	41.2	507	2.01	30.7							
4.90	19.7	811	2.02	48.6		9.90	35.0	757	1.99	37.1							
revision : 10-May-2005 – Ax7																	



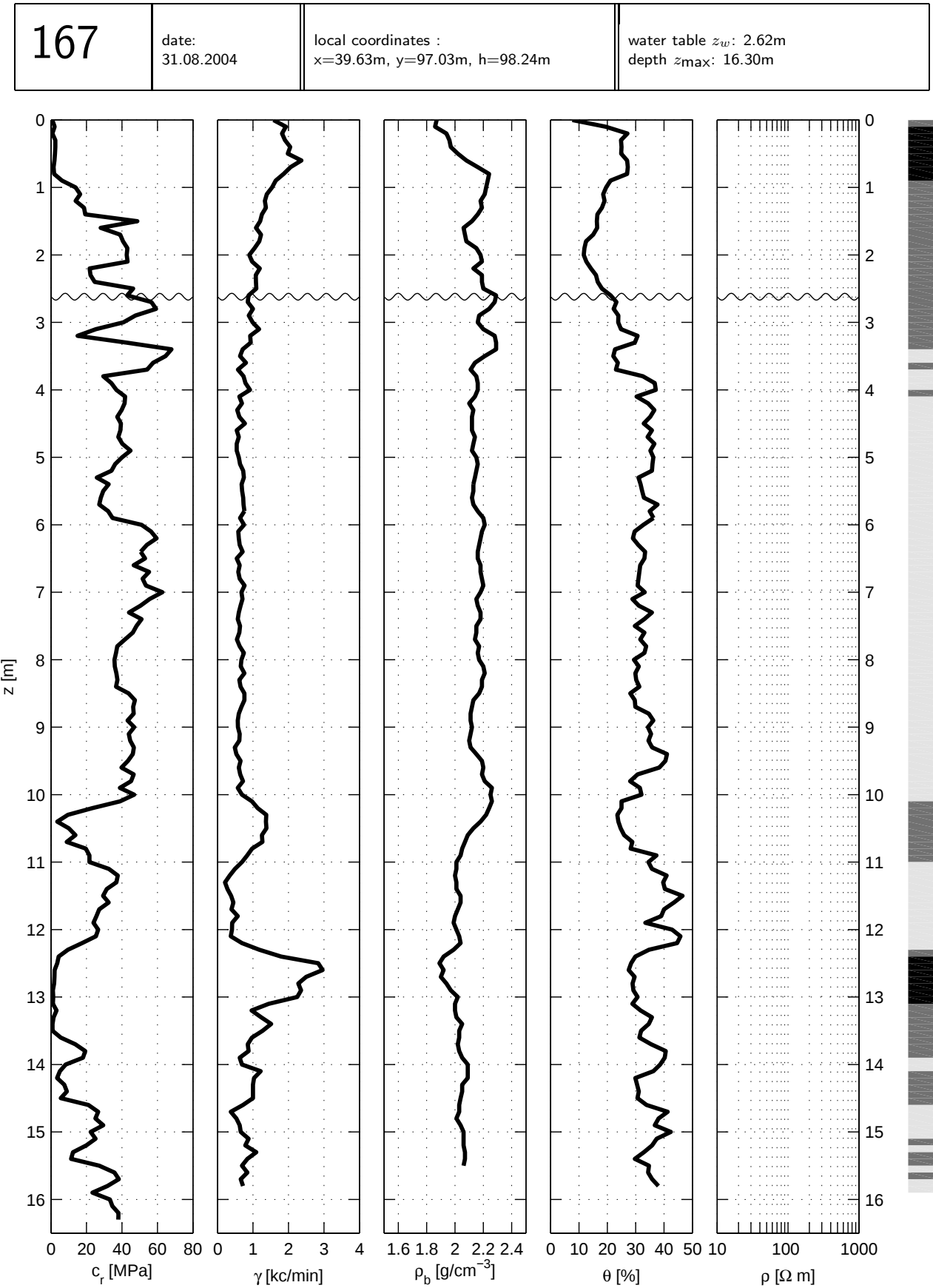
165		date: 30.08.2004		local coordinates : x=19.22m, y=88.50m, h=98.24m				water table z_w : 2.42m depth z_{max} : 12.70m									
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1638	1.83	15.1		5.00	29.0	788	1.95	37.7		10.00	33.8	546	2.15	27.7	
0.10		1802	1.83	23.4		5.10	25.2	905	2.01	41.1		10.10	29.9	538	2.16	27.6	
0.20		1942	1.86	23.6		5.20	21.5	897	2.03	43.8		10.20	34.6	686	2.15	27.7	
0.30	1.3	2083	1.90	23.2		5.30	23.2	780	2.08	37.3		10.30	38.6	741	2.14	27.9	
0.40	2.2	2020	1.92	24.3		5.40	27.7	601	2.06	33.4		10.40	51.2	562	2.08	28.0	
0.50	1.1	2028	1.95	24.0		5.50	35.2	647	2.07	36.1		10.50	51.5	538	2.00	26.8	
0.60	1.1	2012	1.95	25.2		5.60	33.6	554	2.06	36.2		10.60	46.7	647	1.94	28.6	
0.70		2161	1.95	24.4		5.70	38.2	710	2.05	33.9		10.70	27.5	733	1.92	34.7	
0.80		2067	2.00	23.7		5.80	39.0	577	2.07	36.5		10.80	18.0	881	1.91	37.0	
0.90		2028	2.04	24.8		5.90	35.8	601	2.07	35.4		10.90	13.3	1154	1.93	36.2	
1.00	1.1	1856	2.09	24.6		6.00	35.4	679	2.07	36.0		11.00	6.1	1154	1.92	37.4	
1.10		1576	2.10	25.0		6.10	37.4	601	2.07	33.6		11.10	7.0	1154	1.91	33.3	
1.20		1342	2.07	19.0		6.20	37.8	562	2.05	31.6		11.20	3.6	1217	1.94	33.5	
1.30	7.6	1209	2.03	16.9		6.30	41.9	569	2.05	34.4		11.30	5.5	1435	1.95	32.4	
1.40	24.8	1076	2.06	16.6		6.40	37.1	640	2.06	37.0		11.40	5.0	1435	1.96	35.0	
1.50	42.2	1139	2.04	16.3		6.50	33.5	671	2.05	39.9		11.50	7.1	1654	1.90	29.6	
1.60	36.5	944	2.03	15.7		6.60	35.3	608	2.06	35.3		11.60	8.5	1841	1.93	30.4	
1.70	36.1	1240	2.02	15.4		6.70	40.8	523	2.06	36.5		11.70	6.1	1778	1.96	35.2	
1.80	36.6	1154	2.01	14.5		6.80	39.0	647	2.06	34.1		11.80	7.9	1903	1.92	33.0	
1.90	40.7	889	2.02	12.6		6.90	38.4	577	2.10	36.3		11.90	3.2	2090	1.85	28.5	
2.00	42.0	998	2.07	12.3		7.00	41.4	593	2.10	35.9		12.00	2.2	2621	1.84	28.9	
2.10	40.2	986	2.12	15.6		7.10	45.8	546	2.10	33.4		12.10	2.2	2777		29.3	
2.20	38.5	975	2.14	19.0		7.20	43.2	515	2.06	33.1		12.20	1.9	2933		30.3	
2.30	32.5	1006	2.13	21.1		7.30	58.7	554	2.06	29.3		12.30	3.8	1903		31.3	
2.40	22.8	1264	2.08	23.0		7.40	40.9	718	2.05	32.0		12.40	15.8	1529			
2.50	6.0	1529	2.06	23.2		7.50	38.2	624	2.06	36.1		12.50	15.7				
2.60	9.8	1724	2.09	26.7		7.60	34.1	577	2.06	31.4		12.60	35.2				
2.70	2.4	1888	2.12	26.6		7.70	42.0	640	2.05	32.6		12.70	42.4				
2.80	1.9	1919	2.14	27.6		7.80	37.2	655	2.05	37.2							
2.90	2.3	1404	2.19	26.5		7.90	36.4	624	2.09	35.1							
3.00	11.8	1248	2.20	24.8		8.00	37.2	671	2.12	37.7							
3.10	18.2	905	2.20	24.1		8.10	37.2	686	2.12	30.8							
3.20	25.0	881	2.20	23.3		8.20	42.8	624	2.12	29.8							
3.30	38.9	952	2.21	23.8		8.30	37.7	663	2.11	30.0							
3.40	43.6	928	2.17	23.7		8.40	39.5	679	2.11	28.7							
3.50	37.2	858	2.12	23.3		8.50	40.3	608	2.13	29.7							
3.60	41.5	1014	2.04	23.7		8.60	35.9	663	2.12	29.2							
3.70	38.3	905	2.02	27.2		8.70	40.9	530	2.12	29.6							
3.80	33.2	725	2.02	32.8		8.80	43.8	733	2.12	30.0							
3.90	26.0	780	2.02	37.1		8.90	45.8	569	2.11	27.6							
4.00	24.1	741	2.01	34.9		9.00	37.9	671	2.13	30.3							
4.10	25.7	679	2.01	36.3		9.10	35.0	663	2.12	30.2							
4.20	24.0	733	2.00	36.6		9.20	33.7	569	2.12	28.7							
4.30	25.0	764	2.00	36.1		9.30	35.3	780	2.13	28.0							
4.40	25.0	764	1.99	37.7		9.40	40.0	530	2.14	29.0							
4.50	25.7	850	1.98	37.5		9.50	46.0	577	2.14	28.7							
4.60	25.9	647	2.01	39.6		9.60	47.8	569	2.14	28.3							
4.70	28.0	772	2.01	42.4		9.70	46.6	640	2.12	28.7							
4.80	25.4	757	1.98	38.4		9.80	34.2	733	2.12	26.6							
4.90	26.2	733	1.95	34.4		9.90	37.8	671	2.13	27.0							
revision : 10-May-2005 – AxT																	



166		date: 01.09.2004		local coordinates : x= 9.36m, y=96.98m, h=98.24m		water table z_w : 2.35m depth z_{max} : 12.40m														
z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m		c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			1599	1.90	16.4		5.00		20.9	983	2.02	41.5		10.00		40.8	796	2.21	28.5	
0.10			2020	1.87	25.1		5.10		21.4	764	2.03	40.6		10.10		43.4	835	2.23	30.4	
0.20		4.1	2098	1.89	22.7		5.20		19.6	796	2.07	41.2		10.20		51.8	803	2.22	27.3	
0.30		4.2	2083	1.92	22.4		5.30		20.6	655	2.12	44.8		10.30		38.0	881	2.16	28.7	
0.40		4.1	2036	1.96	23.7		5.40		24.0	632	2.13	42.0		10.40		29.3	881	2.16	26.8	
0.50		2.9	1919	2.00	24.6		5.50		33.1	671	2.13	38.3		10.50		77.2	866	2.22	31.9	
0.60		2.3	2395	2.03	25.7		5.60		38.2	655	2.14	38.4		10.60		34.3	967	2.26	38.5	
0.70		2.0	2145	2.09	26.1		5.70		34.7	546	2.13	38.7		10.70		37.0	998	2.22	27.8	
0.80		2.3	1841	2.13	28.6		5.80		39.5	593	2.12	39.9		10.80		39.8	803	2.18	24.8	
0.90		2.4	1466	2.13	21.6		5.90		37.9	601	2.13	38.2		10.90		30.2	1030	2.12	25.1	
1.00		17.5	1084	2.13	18.5		6.00		39.4	601	2.13	37.1		11.00		8.5	1248	2.00	27.7	
1.10		33.4	1201	2.09	17.0		6.10		42.7	710	2.10	38.9		11.10		10.1	1529	1.94	31.4	
1.20		49.2	1193	2.03	16.7		6.20		42.0	624	2.11	38.4		11.20		2.8	2621	1.91	27.6	
1.30		50.9	1123	1.97	14.4		6.30		37.6	569	2.10	38.3		11.30		2.8	3401	1.94	30.7	
1.40		69.7	1154	1.97	12.9		6.40		36.2	616	2.13	41.9		11.40		2.6	3245	2.00	28.9	
1.50		41.0	1365	2.03	12.4		6.50		38.9	577	2.11	43.7		11.50		3.0	2621	2.01	29.2	
1.60		28.0	1154	2.09	12.6		6.60		41.2	647	2.12	41.3		11.60		13.0	2028	2.02	32.7	
1.70		40.5	1248	2.07	11.8		6.70		41.6	733	2.11	37.8		11.70		17.2	1342		34.3	
1.80		53.0	1318	2.08	12.1		6.80		44.9	671	2.11	39.4		11.80		13.1	1310		40.1	
1.90		48.0	1201	2.04	14.1		6.90		39.7	702	2.12	38.2		11.90		5.2	1560		35.2	
2.00		37.2	1287	2.11	14.7		7.00		46.9	554	2.12	38.3		12.00		13.8	1373			
2.10		52.1	1287	2.14	15.2		7.10		41.8	819	2.13	40.7		12.10		22.4	1186			
2.20		62.4	1061	2.20	19.5		7.20		38.9	663	2.14	39.2		12.20		32.9				
2.30		60.2	913	2.27	30.5		7.30		41.9	647	2.13	34.0		12.30		41.8				
2.40		52.0	881	2.29	28.8		7.40		30.0	749	2.16	34.1		12.40		46.7				
2.50		66.0	959	2.29	25.0		7.50		34.4	640	2.16	31.9								
2.60		70.0	928	2.28	24.4		7.60		35.9	569	2.16	33.0								
2.70		73.9	1045	2.28	21.6		7.70		43.0	671	2.16	31.0								
2.80		56.4	772	2.29	24.5		7.80		44.0	725	2.16	33.7								
2.90		56.8	757	2.29	25.1		7.90		39.1	632	2.18	35.7								
3.00		57.1	920	2.29	22.9		8.00		38.2	632	2.19	33.7								
3.10		55.3	952	2.28	24.1		8.10		39.0	632	2.20	35.6								
3.20		50.3	952	2.28	23.1		8.20		49.8	601	2.19	31.7								
3.30		51.7	1069	2.23	24.6		8.30		51.0	647	2.16	29.5								
3.40		48.0	920	2.17	22.8		8.40		42.4	562	2.17	29.8								
3.50		46.6	952	2.08	23.9		8.50		38.6	624	2.17	31.9								
3.60		32.2	842	2.04	27.0		8.60		34.0	640	2.18	35.1								
3.70		21.4	632	2.06	35.0		8.70		39.1	710	2.16	31.9								
3.80		16.7	1037	2.08	40.2		8.80		41.6	632	2.17	30.1								
3.90		16.4	983	2.10	44.2		8.90		35.4	702	2.19	34.7								
4.00		17.3	1030	2.06	37.6		9.00		42.4	484	2.19	34.2								
4.10		21.4	819	2.03	36.1		9.10		40.3	764	2.18	32.4								
4.20		19.9	796	1.99	40.4		9.20		47.6	624	2.17	32.1								
4.30		15.6	959	2.02	44.6		9.30		46.3	530	2.20	32.3								
4.40		16.6	952	2.05	39.6		9.40		46.2	601	2.21	32.6								
4.50		14.4	1006	2.02	40.5		9.50		70.1	710	2.21	31.8								
4.60		16.6	1022	2.04	36.0		9.60		52.7	530	2.21	29.0								
4.70		17.5	741	2.03	38.6		9.70		55.4	686	2.21	28.8								
4.80		13.8	920	2.02	43.7		9.80		35.4	718	2.21	30.0								
4.90		19.3	803	2.02	40.4		9.90		38.2	819	2.21	28.4								
revision : 10-May-2005 – AxT																				

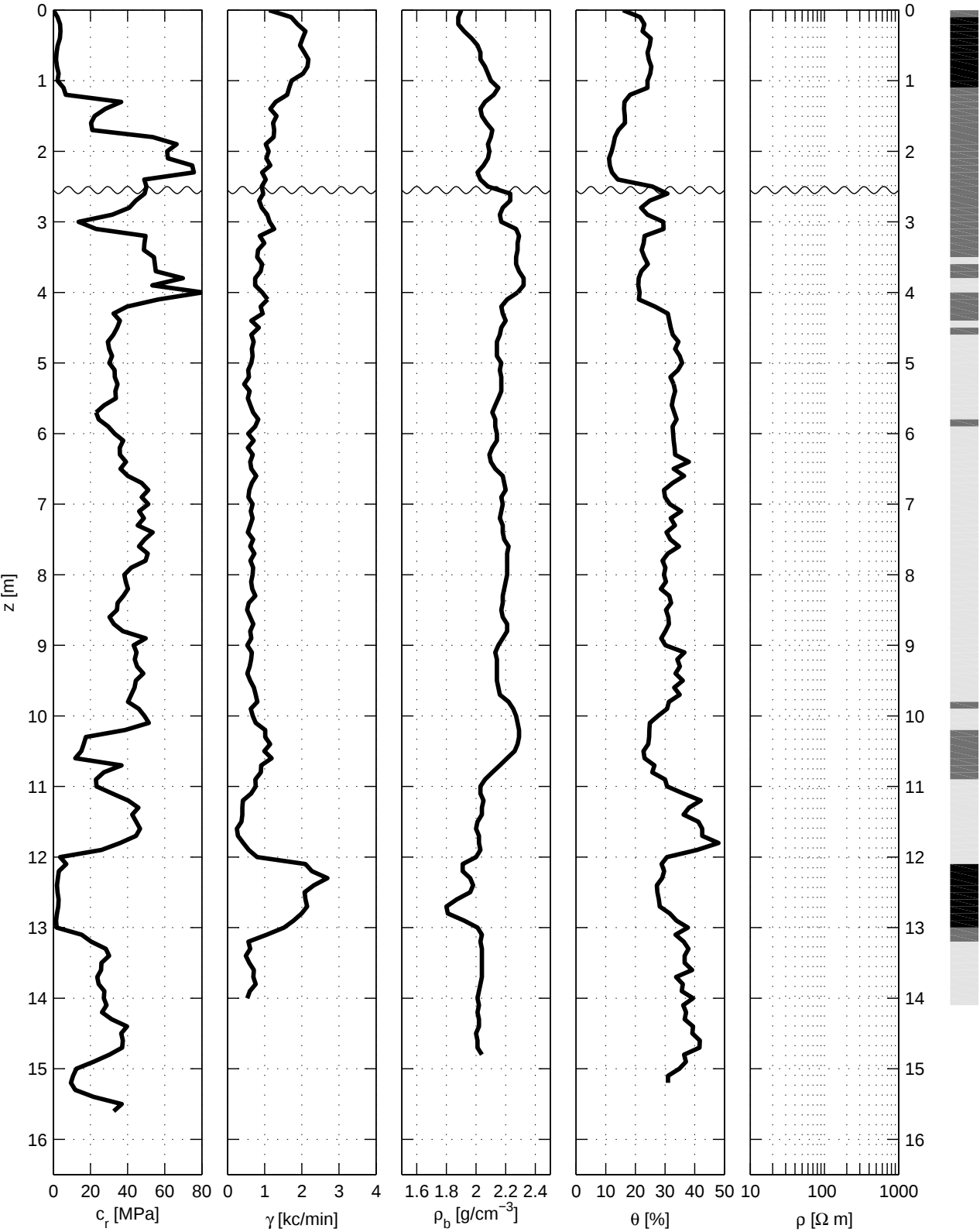


167		date: 31.08.2004		local coordinates : x=39.63m, y=97.03m, h=98.24m						water table z_w : 2.62m depth z_{max} : 16.30m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1576	1.87	7.7		5.00	40.1	601	2.15	36.2		10.00	46.9	686	2.25	32.0	
0.10	2.0	1927	1.86	19.4		5.10	36.2	632	2.16	35.9		10.10	38.9	967	2.26	25.0	
0.20		1817	1.94	27.1		5.20	34.1	725	2.15	35.7		10.20	23.2	1131	2.24	25.0	
0.30	2.4	1903	1.96	24.8		5.30	25.8	741	2.14	31.0		10.30	9.5	1373	2.22	23.5	
0.40	2.4	2051	1.97	25.0		5.40	32.5	679	2.13	31.7		10.40	3.5	1365	2.18	23.9	
0.50	2.2	1981	2.02	24.9		5.50	29.4	694	2.13	32.3		10.50	10.0	1381	2.13	24.7	
0.60	1.9	2363	2.08	27.0		5.60	28.1	725	2.12	32.9		10.60	13.8	1248	2.09	25.9	
0.70	1.4	2059	2.16	27.2		5.70	27.2	733	2.13	37.7		10.70	8.8	1264	2.07	28.8	
0.80	1.7	1864	2.24	27.0		5.80	32.2	757	2.16	34.9		10.80	19.6	975	2.05	28.2	
0.90	6.2	1638	2.23	21.1		5.90	34.7	632	2.20	36.3		10.90	21.7	835	2.04	37.3	
1.00	13.9	1537	2.22	19.6		6.00	51.0	749	2.21	32.7		11.00	21.7	686	2.01	34.5	
1.10	16.4	1388	2.21	18.5		6.10	56.4	585	2.19	29.6		11.10	32.6	491	2.01	35.7	
1.20	13.9	1334	2.18	19.0		6.20	59.5	601	2.18	29.0		11.20	37.6	343	2.00	40.9	
1.30	18.6	1365	2.19	18.1		6.30	54.0	624	2.17	30.9		11.30	36.8	211	2.01	39.7	
1.40	19.3	1248	2.16	16.5		6.40	50.6	710	2.16	33.3		11.40	31.4	281	2.01	40.3	
1.50	48.7	1201	2.12	16.3		6.50	53.0	538	2.16	33.1		11.50	29.3	382	2.04	46.5	
1.60	28.0	1084	2.06	16.4		6.60	46.6	624	2.18	31.6		11.60	32.5	445	2.04	43.5	
1.70	39.0	1225	2.07	15.0		6.70	55.3	585	2.18	31.3		11.70	27.2	390	2.02	40.0	
1.80	40.6	1178	2.08	12.5		6.80	51.6	624	2.19	31.0		11.80	25.6	569	2.00	39.0	
1.90	43.1	1045	2.15	11.9		6.90	53.5	764	2.20	30.7		11.90	23.9	413	1.99	33.4	
2.00	42.7	897	2.18	11.7		7.00	62.8	671	2.18	33.2		12.00	26.6	406	2.01	42.8	
2.10	43.2	975	2.19	12.6		7.10	55.6	702	2.15	28.8		12.10	25.3	374	2.03	45.8	
2.20	21.8	1193	2.13	14.2		7.20	50.5	647	2.16	31.1		12.20	17.5	686	2.04	44.6	
2.30	22.2	1076	2.19	16.0		7.30	43.9	601	2.18	35.7		12.30	9.5	1178	1.99	34.7	
2.40	24.6	1084	2.19	16.6		7.40	51.0	569	2.18	33.0		12.40	4.3	1794	1.92	29.9	
2.50	46.3	1092	2.20	18.1		7.50	48.2	632	2.15	29.7		12.50	3.5	2839	1.89	28.4	
2.60	43.0	874	2.29	21.2		7.60	46.1	616	2.15	33.1		12.60	2.0	2964	1.92	27.5	
2.70	56.6	850	2.28	23.2		7.70	41.7	546	2.14	31.6		12.70	1.9	2496	1.90	29.6	
2.80	59.2	998	2.24	22.2		7.80	37.3	624	2.17	33.7		12.80	1.7	2278	1.94	28.9	
2.90	47.6	881	2.17	23.9		7.90	36.6	741	2.16	33.1		12.90		2356	1.97	29.2	
3.00	40.8	991	2.16	23.8		8.00	35.8	671	2.17	29.4		13.00	1.2	2246	2.02	30.7	
3.10	25.3	1170	2.20	24.8		8.10	36.0	655	2.20	31.1		13.10		1443	2.00	28.8	
3.20	14.9	920	2.28	30.7		8.20	36.8	757	2.21	29.9		13.20	3.1	959	2.00	31.7	
3.30	42.7	936	2.29	29.7		8.30	37.4	616	2.19	30.2		13.30	1.4	1232	2.01	35.7	
3.40	67.9	710	2.29	22.7		8.40	36.6	647	2.19	31.3		13.40		1513	2.05	34.6	
3.50	64.6	632	2.21	22.1		8.50	43.7	757	2.17	28.1		13.50		1271	2.03	31.9	
3.60	57.6	803	2.14	23.7		8.60	47.3	757	2.13	29.7		13.60	5.5	967	2.03	31.3	
3.70	54.2	577	2.11	23.0		8.70	46.3	671	2.12	29.9		13.70	13.7	850	2.02	35.4	
3.80	29.4	733	2.15	32.5		8.80	46.6	601	2.11	34.6		13.80	19.3	874	2.03	40.6	
3.90	34.0	788	2.16	36.7		8.90	43.2	569	2.11	36.2		13.90	18.0	624	2.05	40.2	
4.00	36.8	913	2.16	37.1		9.00	46.9	577	2.12	34.3		14.00	8.2	686	2.09	38.6	
4.10	41.8	616	2.14	30.3		9.10	43.8	624	2.11	35.4		14.10	5.0	1217	2.09	36.2	
4.20	41.5	686	2.10	34.4		9.20	44.6	616	2.10	34.5		14.20	3.4	1030	2.09	29.9	
4.30	39.8	554	2.13	36.6		9.30	46.7	484	2.11	35.8		14.30	7.4	998	2.05	30.5	
4.40	37.3	616	2.12	35.1		9.40	46.1	530	2.15	41.0		14.40	8.9	998	2.05	31.1	
4.50	39.4	772	2.12	32.8		9.50	43.4	647	2.19	40.5		14.50	5.5	998	2.04	30.6	
4.60	39.1	538	2.12	35.7		9.60	39.7	601	2.20	38.3		14.60	21.1	718	2.03	33.8	
4.70	37.9	601	2.14	34.2		9.70	46.6	640	2.19	30.7		14.70	26.6	374	2.03	41.3	
4.80	40.2	538	2.13	36.6		9.80	45.1	718	2.21	28.0		14.80	25.0	530	2.01	38.1	
4.90	44.8	538	2.12	35.2		9.90	38.8	569	2.26	31.5		14.90	29.4	624	2.04	36.7	
revision : 10-May-2005 – AxT																	



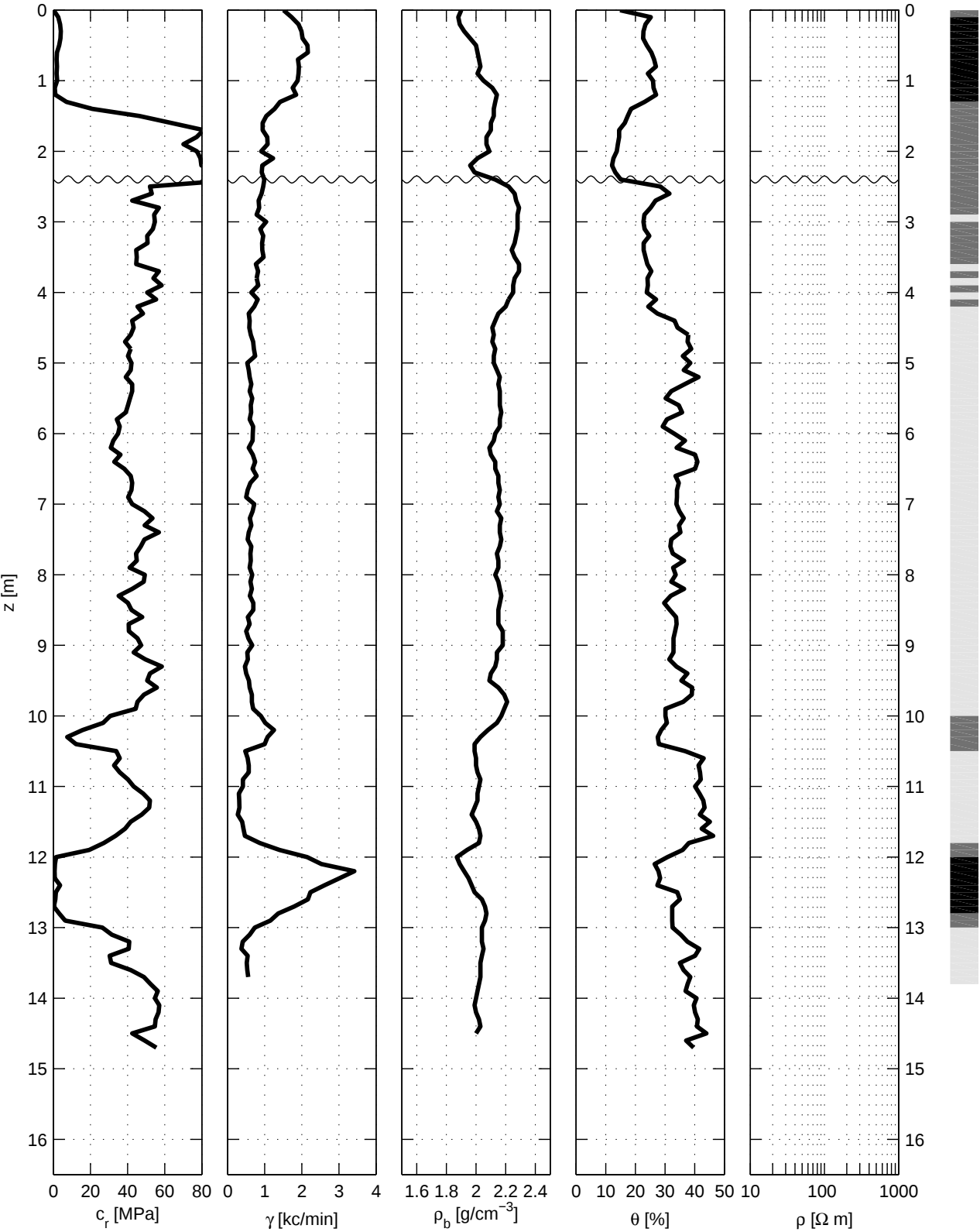
168		date: 31.08.2004		local coordinates : x=36.71m, y=101.06m, h=98.24m						water table z_w : 2.55m depth z_{max} : 15.60m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1115	1.90	15.8		5.00	30.1	640	2.17	35.7		10.00	49.1	679	2.27	27.6	
0.10	2.2	1716	1.88	21.6		5.10	33.0	554	2.16	34.3		10.10	51.4	757	2.28	24.9	
0.20	3.6	1888	1.88	23.0		5.20	33.1	577	2.17	31.8		10.20	38.6	1014	2.29	24.7	
0.30	3.8	2098	1.92	22.4		5.30	34.6	445	2.17	32.9		10.30	17.5	1014	2.29	24.6	
0.40	3.5	2020	1.97	25.2		5.40	33.4	593	2.17	33.4		10.40	16.3	1147	2.28	24.3	
0.50	2.3	1950	2.01	24.8		5.50	33.7	546	2.15	32.7		10.50	15.0	991	2.26	22.7	
0.60	1.7	2067	2.03	24.1		5.60	27.4	616	2.13	32.3		10.60	11.8	1186	2.21	23.1	
0.70	1.4	2176	2.03	24.5		5.70	23.0	686	2.11	33.1		10.70	36.7	905	2.16	26.4	
0.80	1.9	2153	2.06	25.4		5.80	24.4	827	2.13	33.9		10.80	27.2	897	2.11	25.7	
0.90	2.8	2036	2.08	25.0		5.90	29.5	741	2.13	32.5		10.90	22.9	749	2.06	30.0	
1.00	2.2	1724	2.10	24.1		6.00	33.0	554	2.14	32.7		11.00	23.2	757	2.03	30.7	
1.10	5.5	1661	2.15	24.1		6.10	37.6	702	2.14	32.9		11.10	31.8	632	2.03	36.2	
1.20	6.7	1607	2.12	18.2		6.20	35.8	546	2.11	33.2		11.20	40.3	413	2.05	42.0	
1.30	36.5	1295	2.06	16.3		6.30	35.9	679	2.09	33.4		11.30	45.8	398	2.04	38.1	
1.40	28.0	1154	2.03	16.2		6.40	39.1	608	2.10	38.0		11.40	42.5	398	2.04	36.2	
1.50	22.2	1318	2.04	16.4		6.50	36.2	640	2.13	32.9		11.50	44.6	374	2.01	41.2	
1.60	20.3	1225	2.07	16.5		6.60	40.1	772	2.18	36.4		11.60	46.7	250	2.00	42.5	
1.70	21.0	1256	2.11	14.3		6.70	47.5	655	2.19	32.6		11.70	44.5	281	2.02	42.5	
1.80	53.5	1240	2.10	13.1		6.80	51.1	585	2.20	29.6		11.80	36.0	421	2.02	48.0	
1.90	66.4	1030	2.08	12.6		6.90	47.6	562	2.17	30.0		11.90	25.9	569	2.03	40.8	
2.00	61.3	1108	2.09	12.0		7.00	51.1	671	2.18	31.6		12.00	3.6	796	2.00	30.6	
2.10	61.7	1045	2.08	11.1		7.10	46.2	624	2.17	35.4		12.10	7.0	2098	1.91	28.8	
2.20	74.8	1154	2.05	11.4		7.20	48.8	671	2.16	31.9		12.20	2.9	2270	1.91	29.7	
2.30	75.7	928	2.01	12.1		7.30	45.4	608	2.18	33.3		12.30	2.4	2691	1.96	29.0	
2.40	49.0	1030	2.03	14.1		7.40	53.5	546	2.18	30.5		12.40	1.9	2324	1.98	27.2	
2.50	50.2	920	2.08	25.7		7.50	49.2	686	2.19	31.8		12.50	2.2	2075	1.96	27.4	
2.60	49.2	959	2.23	30.8		7.60	46.1	608	2.22	34.7		12.60	2.8	2098	1.87	27.9	
2.70	44.4	850	2.23	24.9		7.70	50.9	725	2.21	30.9		12.70	2.6	2145	1.80	28.2	
2.80	40.9	920	2.18	21.9		7.80	49.7	616	2.21	29.1		12.80	1.9	1997	1.81	31.6	
2.90	31.7	1069	2.16	24.1		7.90	42.0	686	2.21	30.1		12.90	1.4	1778	1.92	33.8	
3.00	13.6	1131	2.17	29.4		8.00	38.2	671	2.21	29.6		13.00	1.7	1521	2.01	37.7	
3.10	23.0	1256	2.27	29.5		8.10	39.0	632	2.20	30.3		13.10	15.2	1053	2.04	33.5	
3.20	49.7	866	2.29	23.1		8.20	40.2	663	2.19	28.6		13.20	20.4	562	2.03	36.3	
3.30	49.1	991	2.28	22.8		8.30	37.7	749	2.18	31.4		13.30	28.3	608	2.04	37.9	
3.40	48.8	819	2.28	22.1		8.40	34.6	569	2.18	32.0		13.40	30.0	491	2.04	36.6	
3.50	54.2	796	2.27	23.0		8.50	34.3	523	2.17	30.3		13.50	25.9	585	2.04	36.6	
3.60	54.7	928	2.27	24.2		8.60	30.2	608	2.18	31.1		13.60	25.7	710	2.04	39.1	
3.70	55.2	889	2.29	22.0		8.70	32.6	694	2.21	31.3		13.70	23.6	694	2.04	33.7	
3.80	69.8	741	2.32	21.1		8.80	37.4	608	2.21	30.1		13.80	24.4	757	2.03	36.0	
3.90	53.3	741	2.32	21.0		8.90	49.8	640	2.18	28.7		13.90	27.5	601	2.02	35.6	
4.00	80.5	936	2.28	21.4		9.00	43.3	530	2.15	30.1		14.00	27.2	530	2.01	39.4	
4.10	56.6	1076	2.21	21.2		9.10	44.8	655	2.13	36.5		14.10	28.7		2.02	36.1	
4.20	39.7	889	2.17	26.6		9.20	43.8	632	2.14	34.1		14.20	26.2		2.01	37.1	
4.30	32.4	944	2.18	30.9		9.30	45.1	593	2.14	35.0		14.30	31.4		2.02	36.6	
4.40	35.9	640	2.20	31.4		9.40	48.5	530	2.14	33.5		14.40	39.7		2.02	39.4	
4.50	34.4	842	2.17	31.9		9.50	44.4	608	2.14	36.0		14.50	36.5		2.00	39.2	
4.60	32.3	640	2.16	32.6		9.60	43.7	710	2.15	33.1		14.60	37.4		2.01	41.7	
4.70	29.3	702	2.14	34.5		9.70	42.0	757	2.16	34.9		14.70	37.0		2.01	41.6	
4.80	30.0	655	2.14	33.4		9.80	40.2	803	2.22	31.3		14.80	30.2		2.04	36.4	
4.90	31.6	671	2.14	34.9		9.90	46.0	624	2.25	30.7		14.90	21.7			37.0	
revision : 10-May-2005 – AxT																	

168	date: 31.08.2004	local coordinates : x=36.71m, y=101.06m, h=98.24m	water table z_w : 2.55m depth $z_{\max}$: 15.60m
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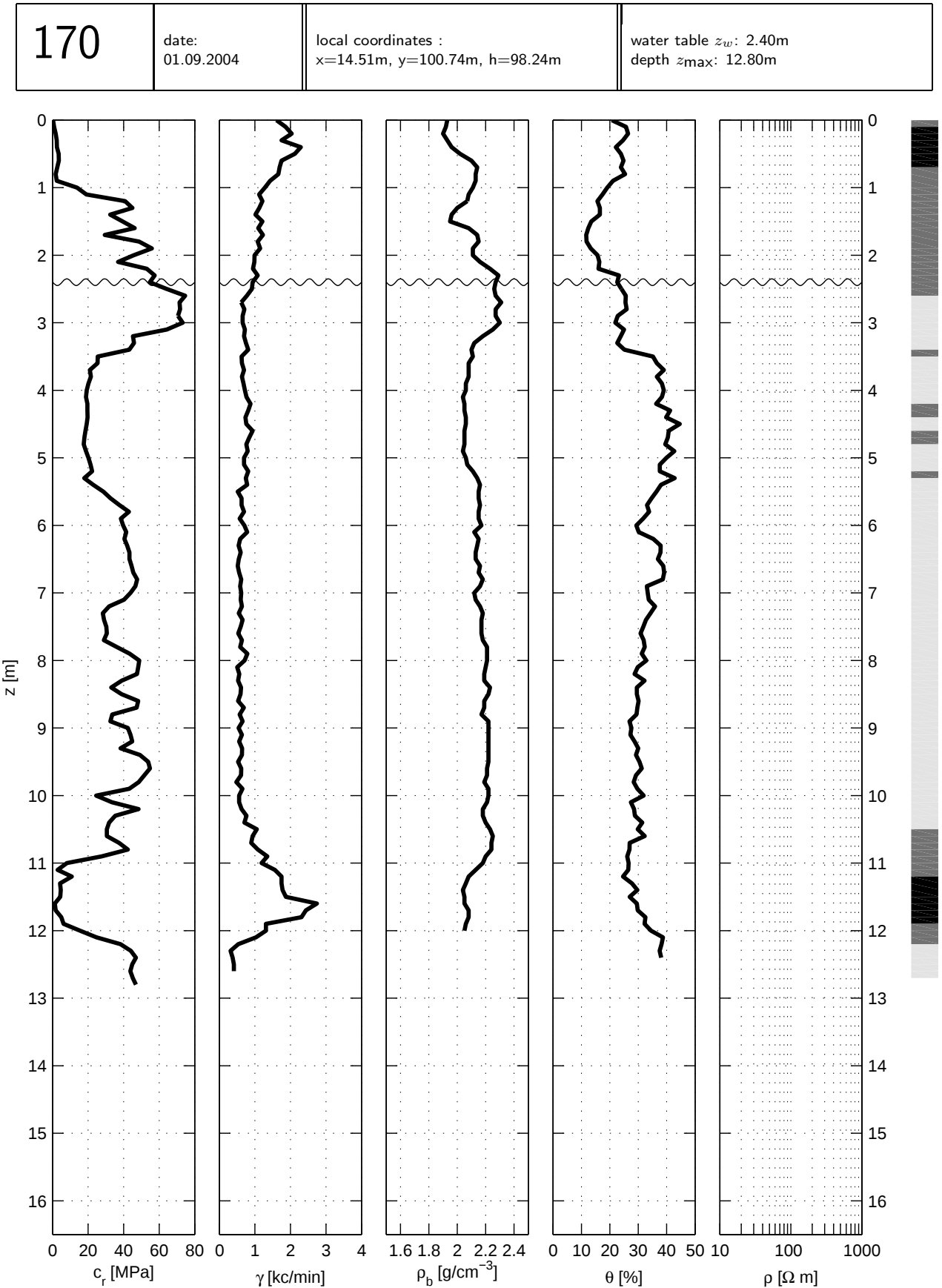


169		date: 31.08.2004		local coordinates : x=36.85m, y=91.78m, h=98.24m						water table z_w : 2.40m depth z_{max} : 14.70m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1505	1.90	14.8		5.00	42.1	530	2.12	38.5		10.00	30.6	897	2.17	30.1	
0.10	2.6	1724	1.88	25.2		5.10	41.7	569	2.14	36.3		10.10	26.8	1014	2.14	30.6	
0.20	3.6	1911	1.89	23.4		5.20	39.0	593	2.16	41.3		10.20	15.7	1248	2.08	28.7	
0.30	4.0	1989	1.92	22.7		5.30	42.5	640	2.15	36.6		10.30	7.4	1076	2.03	27.5	
0.40	3.8	2020	1.96	22.6		5.40	42.5	593	2.16	32.1		10.40	12.2	998	1.99	27.9	
0.50	3.1	2153	2.00	23.8		5.50	41.3	663	2.16	30.2		10.50	33.9	476	1.99	36.7	
0.60	1.9	2161	2.01	25.4		5.60	40.2	624	2.16	34.6		10.60	35.8	538	2.00	43.0	
0.70	1.7	1895	2.02	26.3		5.70	39.0	632	2.17	35.7		10.70	32.7	569	2.00	41.3	
0.80	1.9	1919	2.03	26.9		5.80	34.2	593	2.16	30.6		10.80	35.8	569	2.01	41.8	
0.90	1.7	1911	2.01	24.2		5.90	35.8	686	2.16	29.2		10.90	40.2	413	2.03	42.0	
1.00	2.0	1888	2.05	25.9		6.00	34.9	679	2.13	33.1		11.00	43.3	413	2.02	40.1	
1.10		1755	2.11	26.1		6.10	32.3	671	2.12	36.7		11.10	48.4	304	2.01	41.6	
1.20		1849	2.14	27.0		6.20	30.9	569	2.09	33.9		11.20	52.0	312	2.01	42.9	
1.30	7.1	1412	2.13	23.1		6.30	36.2	679	2.10	40.1		11.30	51.6	320	1.99	43.3	
1.40	21.0	1264	2.12	18.5		6.40	32.8	741	2.13	40.9		11.40	47.6	273	1.97	41.7	
1.50	46.4	1045	2.12	17.4		6.50	38.2	671	2.13	40.1		11.50	41.7	390	2.00	45.1	
1.60	63.6	944	2.10	16.4		6.60	41.7	780	2.15	33.5		11.60	38.6	429	2.02	42.3	
1.70	80.9	944	2.10	14.5		6.70	42.5	616	2.15	34.6		11.70	33.5	468	2.03	46.2	
1.80	77.2	1069	2.07	14.5		6.80	42.1	538	2.16	34.0		11.80	27.2	866	2.02	38.0	
1.90	70.1	1076	2.07	14.1		6.90	40.3	499	2.15	34.0		11.90	19.3	1396	1.94	35.9	
2.00	77.4	905	2.09	13.7		7.00	42.5	718	2.16	33.8		12.00	1.4	2145	1.87	30.8	
2.10	79.3	1225	2.01	12.6		7.10	49.1	671	2.14	34.8		12.10		2527	1.89	26.5	
2.20	79.8	936	1.96	12.1		7.20	53.4	601	2.17	36.3		12.20		3416	1.92	27.8	
2.30	98.6	920	1.99	13.2		7.30	49.2	640	2.16	34.7		12.30		3019	1.95	28.3	
2.40	101.0	991	2.13	15.1		7.40	56.9	569	2.16	35.2		12.40	3.6	2613	1.97	27.4	
2.50	52.0	959	2.22	28.4		7.50	49.1	538	2.17	32.1		12.50	1.3	2231	1.99	34.1	
2.60	53.0	913	2.26	31.5		7.60	47.1	640	2.16	31.8		12.60		2161	2.04	35.0	
2.70	42.5	835	2.27	26.8		7.70	44.5	616	2.14	32.6		12.70		1794	2.06	32.4	
2.80	56.9	850	2.29	25.1		7.80	44.9	624	2.15	36.4		12.80	3.1	1365	2.07	32.4	
2.90	54.3	780	2.28	23.0		7.90	41.1	593	2.15	32.7		12.90	6.4	1154	2.06	32.4	
3.00	54.7	1037	2.28	22.7		8.00	49.3	663	2.13	33.6		13.00	26.4	733	2.04	32.5	
3.10	53.6	881	2.28	23.1		8.10	48.7	616	2.15	32.1		13.10	31.5	593	2.04	35.3	
3.20	50.6	959	2.27	24.7		8.20	42.5	655	2.16	36.4		13.20	40.9	406	2.04	37.5	
3.30	50.8	928	2.26	22.8		8.30	35.2	601	2.17	31.9		13.30	40.6	374	2.05	41.5	
3.40	44.6	936	2.24	22.8		8.40	40.2	694	2.16	29.7		13.40	30.3	538	2.04	40.1	
3.50	44.9	967	2.26	23.4		8.50	42.1	694	2.15	31.6		13.50	31.1	515	2.03	35.0	
3.60	44.6	764	2.29	24.0		8.60	47.9	546	2.15	33.7		13.60	41.7	530	2.03	36.2	
3.70	56.9	819	2.29	25.4		8.70	40.6	593	2.15	33.9		13.70	48.8	554	2.03	38.5	
3.80	53.9	780	2.26	24.1		8.80	40.7	499	2.18	33.4		13.80	52.4		2.02	37.6	
3.90	58.3	827	2.25	24.2		8.90	45.3	562	2.18	32.8		13.90	56.3		2.01	36.9	
4.00	50.6	640	2.25	23.8		9.00	47.3	663	2.18	32.8		14.00	54.7		2.00	40.6	
4.10	55.4	811	2.22	27.0		9.10	43.3	530	2.14	32.8		14.10	57.1		1.99	39.7	
4.20	45.3	718	2.20	24.3		9.20	49.6	546	2.14	31.4		14.20	56.7		2.00	40.1	
4.30	48.3	569	2.15	27.4		9.30	58.4	468	2.13	33.8		14.30	55.1		2.02	41.0	
4.40	42.5	593	2.13	33.2		9.40	52.0	499	2.10	37.5		14.40	54.7		2.03	40.7	
4.50	43.3	585	2.11	34.2		9.50	50.6	577	2.09	35.5		14.50	42.5		2.00	43.9	
4.60	41.7	624	2.12	37.8		9.60	55.8	593	2.15	39.1		14.60	49.2			37.1	
4.70	38.6	686	2.11	37.6		9.70	48.8	655	2.19	39.0		14.70	55.5			39.6	
4.80	41.7	710	2.13	38.8		9.80	45.3	655	2.21	36.1							
4.90	40.2	741	2.12	36.0		9.90	44.3	686	2.19	30.1							
revision : 10-May-2005 – Ax7																	

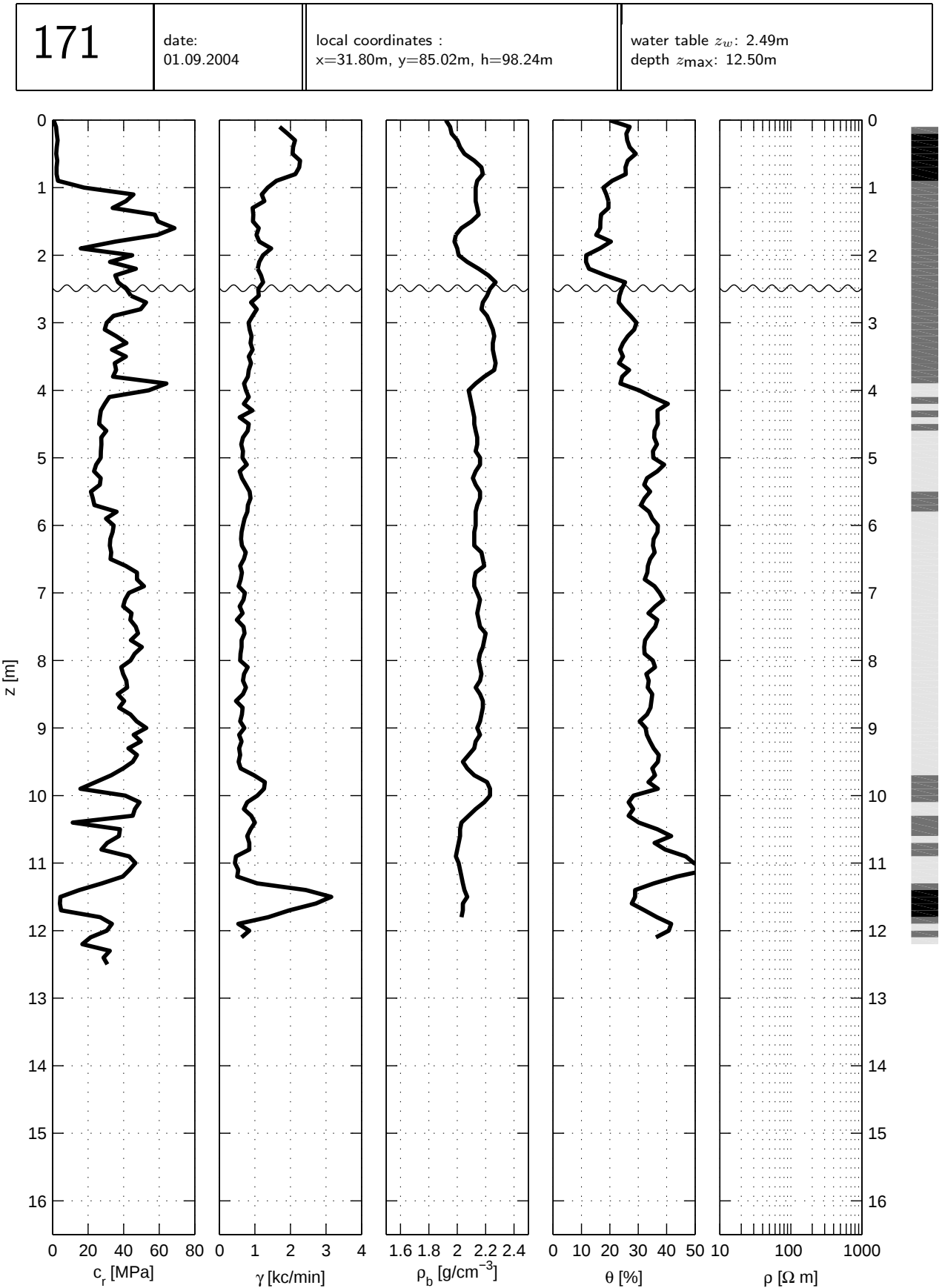
169	date: 31.08.2004	local coordinates : x=36.85m, y=91.78m, h=98.24m	water table z_w : 2.40m depth $z_{\max}$: 14.70m
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170		date: 01.09.2004		local coordinates : x=14.51m, y=100.74m, h=98.24m		water table z_w : 2.40m depth z_{max} : 12.80m											
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1607	1.93	20.7		5.00	20.2	694	2.06	39.9		10.00	24.5	554	2.22	31.9	
0.10		1864	1.92	25.7		5.10	21.4	694	2.07	37.6		10.10	33.4	554	2.21	27.4	
0.20	1.7	2036	1.90	26.4		5.20	22.2	811	2.11	37.6		10.20	48.4	624	2.18	28.5	
0.30	2.3	1747	1.93	24.6		5.30	17.8	741	2.14	42.8		10.30	35.3	764	2.18	28.8	
0.40	2.4	2293	1.96	22.1		5.40	22.8	780	2.16	38.0		10.40	31.8	702	2.20	31.4	
0.50	3.4	2122	2.02	23.9		5.50	28.6	515	2.15	36.4		10.50	30.5	1053	2.23	29.8	
0.60	3.5	1747	2.10	24.8		5.60	32.6	624	2.15	34.7		10.60	30.5	936	2.25	32.3	
0.70	2.6	1693	2.14	23.9		5.70	37.6	624	2.16	33.1		10.70	37.4	897	2.24	27.0	
0.80	1.7	1661	2.13	25.4		5.80	43.0	694	2.15	33.8		10.80	42.4	1084	2.24	26.9	
0.90	2.3	1427	2.13	21.1		5.90	38.4	569	2.15	31.7		10.90	27.6	1349	2.20	26.1	
1.00	13.8	1279	2.11	19.1		6.00	39.7	702	2.17	29.3		11.00	8.0	1186	2.18	26.6	
1.10	19.0	1115	2.08	17.4		6.10	41.5	780	2.12	30.2		11.10	2.8	1560	2.13	26.5	
1.20	40.8	1209	2.07	15.6		6.20	40.4	585	2.15	35.3		11.20	10.8	1747	2.08	24.6	
1.30	44.9	1123	2.00	16.5		6.30	42.0	538	2.14	37.9		11.30	4.2	1747	2.06	27.8	
1.40	32.4	1014	1.96	16.5		6.40	43.3	601	2.13	37.8		11.40	4.6	1778	2.04	29.7	
1.50	39.4	1209	1.95	13.5		6.50	43.3	546	2.13	36.9		11.50	4.3	1872	2.05	27.0	
1.60	46.2	1092	2.08	12.4		6.60	44.4	515	2.16	38.8		11.60	1.2	2746	2.05	29.5	
1.70	29.3	1225	2.14	11.7		6.70	45.4	554	2.15	39.1		11.70	1.7	2434	2.08	29.8	
1.80	48.7	1076	2.15	11.8		6.80	47.6	616	2.18	38.6		11.80	4.9	2309	2.08	32.5	
1.90	55.9	1147	2.11	13.3		6.90	46.6	585	2.16	33.0		11.90	6.2	1310	2.06	32.2	
2.00	45.6	991	2.11	15.7		7.00	43.8	616	2.12	33.3		12.00	15.4	1310	2.05	34.5	
2.10	36.8	983	2.16	16.3		7.10	40.2	601	2.13	33.7		12.10	24.7	1030		38.7	
2.20	53.0	944	2.23	16.0		7.20	31.8	632	2.16	35.9		12.20	38.2	530		38.2	
2.30	57.5	1076	2.29	23.2		7.30	28.3	546	2.18	34.3		12.30	44.0	312		37.5	
2.40	54.7	936	2.27	22.6		7.40	29.0	655	2.17	32.7		12.40	46.9	374		38.1	
2.50	64.2	913	2.26	24.1		7.50	30.2	601	2.17	31.8		12.50	44.8	406			
2.60	74.6	772	2.27	25.6		7.60	30.5	530	2.17	30.8		12.60	43.7	406			
2.70	71.5	616	2.31	25.5		7.70	28.9	632	2.18	31.9		12.70	45.1				
2.80	71.8	702	2.27	25.9		7.80	36.2	585	2.21	32.3		12.80	46.9				
2.90	70.6	655	2.27	22.8		7.90	43.4	788	2.21	31.2							
3.00	73.2	655	2.30	21.9		8.00	48.8	710	2.21	32.8							
3.10	64.3	718	2.25	25.0		8.10	48.2	499	2.20	29.8							
3.20	45.2	694	2.18	23.8		8.20	47.5	562	2.19	28.7							
3.30	45.8	749	2.12	22.6		8.30	38.9	523	2.19	32.2							
3.40	43.2	811	2.10	25.1		8.40	33.0	608	2.23	29.5							
3.50	25.4	624	2.11	35.2		8.50	38.8	593	2.22	29.5							
3.60	25.3	632	2.08	36.5		8.60	48.2	523	2.19	30.1							
3.70	21.0	694	2.08	39.0		8.70	47.3	686	2.19	29.7							
3.80	21.6	632	2.08	36.5		8.80	33.6	569	2.17	29.4							
3.90	20.2	679	2.06	38.3		8.90	32.5	655	2.22	26.9							
4.00	19.2	718	2.06	39.0		9.00	42.4	538	2.22	27.6							
4.10	18.8	764	2.04	38.3		9.10	43.8	632	2.22	27.2							
4.20	19.6	874	2.05	36.3		9.20	44.8	554	2.22	28.7							
4.30	19.6	811	2.05	41.2		9.30	38.2	640	2.22	30.0							
4.40	19.7	733	2.06	39.8		9.40	49.2	632	2.22	29.2							
4.50	19.2	757	2.06	44.6		9.50	53.8	523	2.22	30.4							
4.60	18.5	936	2.05	40.7		9.60	54.8	616	2.21	31.2							
4.70	17.9	842	2.05	40.4		9.70	51.6	608	2.21	29.2							
4.80	17.5	757	2.05	39.5		9.80	48.5	476	2.19	28.4							
4.90	18.8	796	2.04	42.7		9.90	43.2	647	2.22	29.7							
revision : 10-May-2005 – Ax7																	

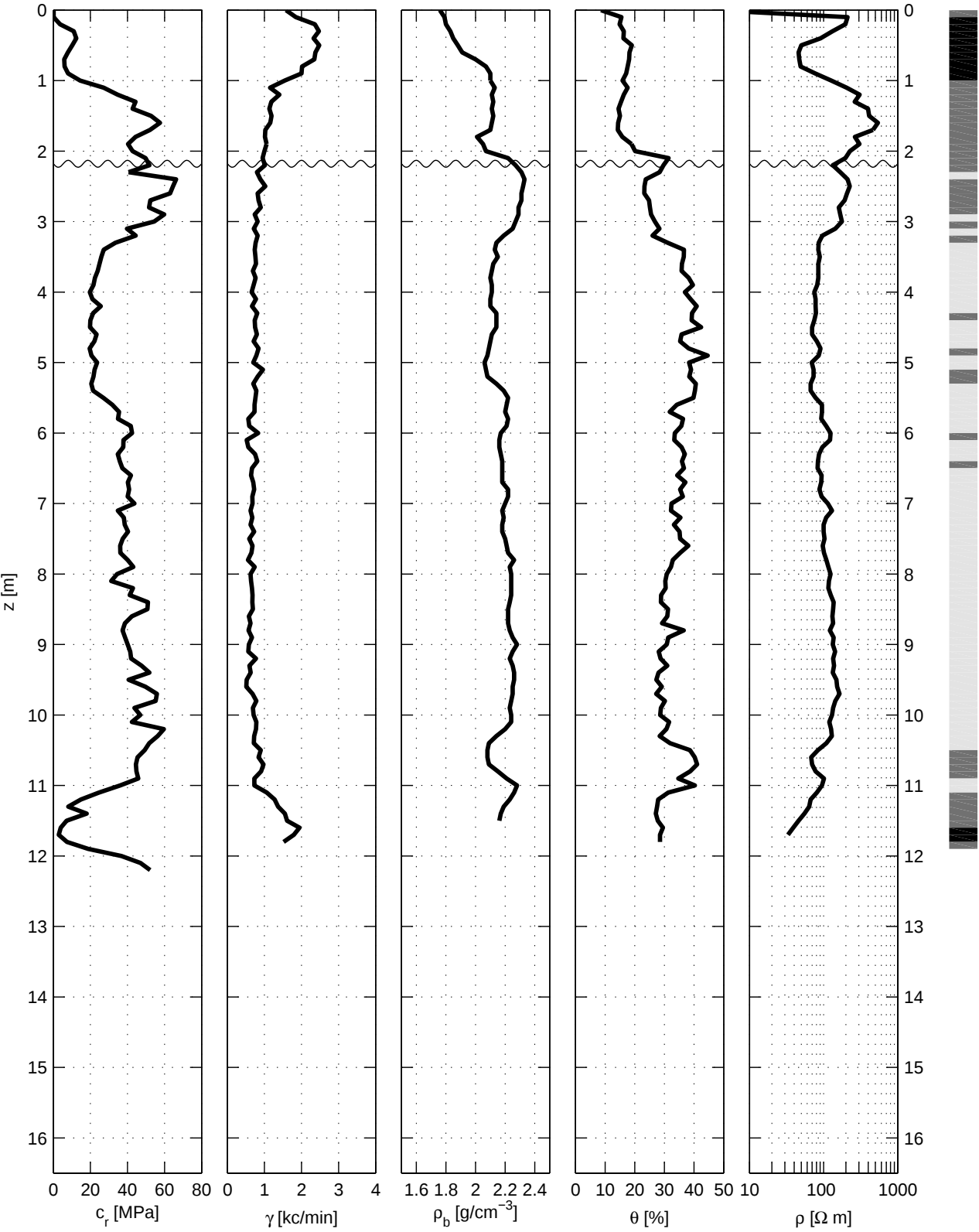


171	date: 01.09.2004					local coordinates : x=31.80m, y=85.02m, h=98.24m					water table z_w : 2.49m depth z_{max} : 12.50m							
	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00			1.92	19.9			5.00	27.1	647	2.16	35.3		10.00	40.9	1069	2.23	28.3	
0.10	1.9	1693	1.95	27.0			5.10	24.5	772	2.16	39.1		10.10	49.0	780	2.19	26.6	
0.20	2.3	1919	1.96	25.8			5.20	23.3	569	2.13	36.7		10.20	46.3	686	2.13	28.2	
0.30	2.8	2129	2.00	26.1			5.30	27.1	632	2.11	33.1		10.30	45.1	897	2.08	26.6	
0.40	2.3	2075	2.02	27.0			5.40	26.6	741	2.13	32.1		10.40	11.3	998	2.03	30.2	
0.50	2.0	2059	2.05	29.1			5.50	21.6	850	2.16	34.2		10.50	37.9	874	2.02	36.7	
0.60	2.6	2270	2.12	26.3			5.60	22.6	874	2.16	32.2		10.60	37.3	780	2.02	41.6	
0.70	2.2	2246	2.17	25.5			5.70	23.5	803	2.14	30.9		10.70	30.7	842	2.01	35.7	
0.80	2.2	2137	2.18	25.6			5.80	36.1	788	2.13	33.8		10.80	27.5	842	2.00	39.5	
0.90	3.0	1607	2.14	20.8			5.90	30.0	710	2.13	34.9		10.90	43.2	468	1.99	46.7	
1.00	17.8	1357	2.13	17.7			6.00	34.4	663	2.13	36.9		11.00	46.6	437	2.01	49.6	
1.10	45.5	1193	2.13	18.8			6.10	33.8	624	2.12	36.8		11.10	43.3	530	2.02	54.3	
1.20	41.3	1264	2.13	19.5			6.20	32.5	608	2.12	35.4		11.20	39.5	499	2.03	43.6	
1.30	33.8	936	2.14	19.5			6.30	32.2	632	2.12	35.2		11.30	27.8	1061	2.04	35.5	
1.40	57.6	952	2.15	16.9			6.40	33.0	741	2.17	35.8		11.40	15.0	2434	2.05	28.9	
1.50	59.3	944	2.10	16.7			6.50	32.6	686	2.18	34.2		11.50	4.4	3151	2.07	28.9	
1.60	68.6	1108	2.03	16.6			6.60	41.2	585	2.19	33.4		11.60	4.1	2714	2.04	27.7	
1.70	58.9	1045	1.99	15.2			6.70	47.5	632	2.13	33.2		11.70	4.8	1966	2.04	32.2	
1.80	35.4	1123	1.98	20.4			6.80	47.5	601	2.12	32.3		11.80	26.8	1373	2.03	36.6	
1.90	15.8	1459	2.00	16.5			6.90	51.4	538	2.12	35.7		11.90	33.4	530		41.6	
2.00	44.8	1225	2.01	11.7			7.00	43.0	718	2.14	37.5		12.00	30.5	842		40.7	
2.10	32.3	1123	2.07	11.6			7.10	40.8	679	2.16	38.9		12.10	21.4	624		36.2	
2.20	46.9	1076	2.15	12.7			7.20	39.7	569	2.15	36.0		12.20	16.7				
2.30	35.3	1170	2.22	18.5			7.30	44.4	655	2.14	33.6		12.30	32.2				
2.40	36.8	1232	2.27	25.4			7.40	43.7	491	2.15	36.7		12.40	28.7				
2.50	41.5	1092	2.23	24.2			7.50	46.8	679	2.16	36.0		12.50	30.8				
2.60	44.0	1108	2.21	23.4			7.60	48.1	710	2.20	34.0							
2.70	52.6	889	2.18	23.1			7.70	44.0	624	2.19	32.4							
2.80	49.6	1053	2.17	25.0			7.80	50.3	624	2.18	32.1							
2.90	34.3	936	2.21	27.3			7.90	46.2	593	2.16	32.2							
3.00	30.4	819	2.23	29.4			8.00	43.8	585	2.15	35.1							
3.10	29.3	850	2.25	28.6			8.10	38.6	796	2.16	35.9							
3.20	35.9	905	2.26	26.3			8.20	39.7	694	2.17	32.8							
3.30	41.6	874	2.25	24.6			8.30	41.5	663	2.16	33.7							
3.40	33.4	936	2.25	23.6			8.40	42.0	749	2.13	33.3							
3.50	41.3	827	2.26	24.6			8.50	36.6	663	2.16	34.9							
3.60	35.0	889	2.27	23.2			8.60	40.3	468	2.18	34.6							
3.70	35.8	827	2.26	26.8			8.70	37.4	655	2.18	34.3							
3.80	34.0	803	2.19	24.3			8.80	43.8	632	2.17	33.1							
3.90	64.1	694	2.13	23.7			8.90	47.3	585	2.16	30.5							
4.00	54.1	749	2.08	30.3			9.00	52.7	702	2.14	32.6							
4.10	31.9	827	2.09	34.9			9.10	45.6	554	2.16	33.0							
4.20	29.3	686	2.10	40.4			9.20	49.7	624	2.13	34.1							
4.30	27.2	928	2.11	36.8			9.30	42.7	554	2.12	35.4							
4.40	26.6	569	2.12	36.8			9.40	47.5	585	2.08	37.2							
4.50	26.2	827	2.12	36.9			9.50	45.1	538	2.04	36.9							
4.60	30.2	796	2.13	35.7			9.60	39.7	601	2.07	34.9							
4.70	27.4	663	2.14	35.6			9.70	33.0	975	2.12	35.9							
4.80	27.5	616	2.14	36.6			9.80	24.2	1279	2.21	33.6							
4.90	27.2	663	2.13	35.2			9.90	15.6	1256	2.23	36.9							
revision : 10-May-2005 – Ax7																		



172		date: 22.08.2003		local coordinates : x=18.13m, y=97.50m, h=98.24m						water table z_w : 2.18m depth z_{max} : 12.20m							
z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm	z m	c_r MPa	γ cpm	ϱ_b t/m ³	θ %	ρ Ωm
0.00		1579	1.76	8.6	3	5.00	23.6	697	2.06	38.3	69	10.00	46.9	706	2.24	28.6	130
0.10		1848	1.79	15.5	210	5.10	22.2	958	2.07	39.0	73	10.10	42.4	781	2.24	31.6	119
0.20	3.6	2360	1.80	14.9	197	5.20	21.7	815	2.08	38.4	73	10.20	59.6	773	2.20	30.7	126
0.30	11.0	2470	1.83	16.3	132	5.30	20.5	697	2.14	40.6	67	10.30	56.3	722	2.14	28.4	129
0.40	12.4	2327	1.85	16.2	91	5.40	21.5	781	2.19	40.3	67	10.40	51.7	714	2.09	31.9	109
0.50	10.2	2478	1.88	19.0	50	5.50	27.0	756	2.22	39.8	78	10.50	49.3	899	2.08	38.6	84
0.60	7.8	2377	1.91	18.2	46	5.60	31.8	731	2.21	34.2	95	10.60	45.4	840	2.08	40.2	68
0.70	5.9	2344	2.00	18.1	47	5.70	35.5	731	2.20	31.8	95	10.70	44.5	974	2.09	41.0	70
0.80	6.1	2016	2.07	17.6	49	5.80	34.9	563	2.22	36.3	93	10.80	44.8	911	2.15	38.7	78
0.90	7.9	1999	2.10	17.1	77	5.90	41.8	588	2.21	35.7	108	10.90	45.8	729	2.21	34.7	101
1.00	14.5	1546	2.10	15.9	127	6.00	42.5	832	2.17	33.5	124	11.00	36.1	729	2.28	40.3	95
1.10	27.2	1151	2.13	17.6	204	6.10	37.8	521	2.16	33.3	122	11.10	24.6	1063	2.26	31.3	81
1.20	34.7	1403	2.11	16.3	306	6.20	37.7	563	2.16	35.8	96	11.20	14.8	1276	2.23	27.9	67
1.30	44.3	1184	2.12	15.4	262	6.30	34.8	748	2.17	36.9	87	11.30	8.0	1367	2.19	27.5	64
1.40	42.8	1134	2.11	14.5	397	6.40	35.9	806	2.18	35.9	84	11.40	18.0	1549	2.17	27.1	55
1.50	52.7	1193	2.12	15.0	412	6.50	37.2	664	2.18	36.6	83	11.50	7.2	1610	2.16	27.8	46
1.60	57.6	1159	2.11	14.4	539	6.60	41.9	638	2.18	34.3	94	11.60	4.0	1945		29.5	39
1.70	52.1	1025	2.10	14.3	464	6.70	40.2	697	2.18	37.1	93	11.70	2.9	1793		28.5	33
1.80	44.3	1016	2.01	15.8	264	6.80	40.9	722	2.22	35.3	88	11.80	7.3	1519		28.5	
1.90	40.3	1058	2.05	18.9	305	6.90	40.1	672	2.22	36.2	94	11.90	18.8				
2.00	42.8	1000	2.07	20.1	227	7.00	43.7	680	2.20	32.4	114	12.00	36.7				
2.10	49.8	949	2.22	31.4	197	7.10	34.8	622	2.18	32.2	130	12.10	47.0				
2.20	51.8	1016	2.27	29.7	133	7.20	38.0	672	2.19	35.4	108	12.20	52.2				
2.30	40.6	798	2.31	28.4	168	7.30	38.5	622	2.18	33.2	100						
2.40	66.2	890	2.33	23.7	211	7.40	40.3	722	2.18	35.1	100						
2.50	64.6	1025	2.32	23.3	225	7.50	37.4	588	2.20	35.3	103						
2.60	63.0	815	2.31	23.2	207	7.60	36.1	680	2.21	38.1	97						
2.70	52.3	840	2.31	24.8	192	7.70	36.2	647	2.22	35.3	101						
2.80	51.6	899	2.29	25.1	160	7.80	40.1	554	2.26	32.8	109						
2.90	59.8	739	2.29	25.5	168	7.90	43.2	739	2.23	32.2	116						
3.00	54.4	815	2.27	26.8	176	8.00	34.4	622	2.24	30.8	124						
3.10	39.7	714	2.25	28.3	144	8.10	31.2	638	2.24	30.3	118						
3.20	44.4	815	2.19	26.0	96	8.20	43.0	664	2.24	30.4	116						
3.30	33.5	764	2.14	31.1	86	8.30	41.2	680	2.24	28.9	125						
3.40	27.2	739	2.13	36.6	85	8.40	51.0	672	2.23	28.8	137						
3.50	25.9	756	2.15	36.5	89	8.50	50.8	689	2.22	31.2	134						
3.60	24.9	773	2.12	35.9	85	8.60	42.4	580	2.22	31.0	131						
3.70	23.9	689	2.11	35.8	85	8.70	38.6	622	2.22	29.2	134						
3.80	22.4	764	2.10	38.2	85	8.80	37.3	571	2.23	36.5	121						
3.90	21.7	706	2.11	39.6	82	8.90	38.7	664	2.25	31.3	137						
4.00	19.7	655	2.11	36.9	75	9.00	40.1	580	2.28	30.8	133						
4.10	21.1	773	2.10	38.8	78	9.10	41.5	563	2.25	28.1	143						
4.20	25.6	664	2.10	40.9	78	9.20	42.0	773	2.23	28.7	134						
4.30	21.5	806	2.14	39.3	79	9.30	47.6	596	2.25	31.0	138						
4.40	20.0	739	2.14	39.2	75	9.40	51.8	630	2.26	28.0	133						
4.50	19.8	748	2.14	42.4	70	9.50	40.6	521	2.26	27.3	149						
4.60	23.3	798	2.11	35.8	70	9.60	49.7	512	2.25	29.1	152						
4.70	22.1	706	2.10	35.3	81	9.70	55.9	680	2.25	27.2	164						
4.80	19.6	840	2.09	38.2	91	9.80	55.2	781	2.24	30.2	144						
4.90	20.6	781	2.08	44.6	86	9.90	43.7	689	2.23	28.8	134						
revision : 10-May-2005 – AxT																	

172	date: 22.08.2003	local coordinates : x=18.13m, y=97.50m, h=98.24m	water table z_w : 2.18m depth $z_{\max}$: 12.20m
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C Layer boundaries at each CPT location

The boundaries between the different layers were determined manually from the CPT logs by Fejes and Nyari, (2004). The Figures 4 and 5 show the elevation above sea level of the layer boundaries in the investigated area. The belonging numerical values are compiled in Table 5.

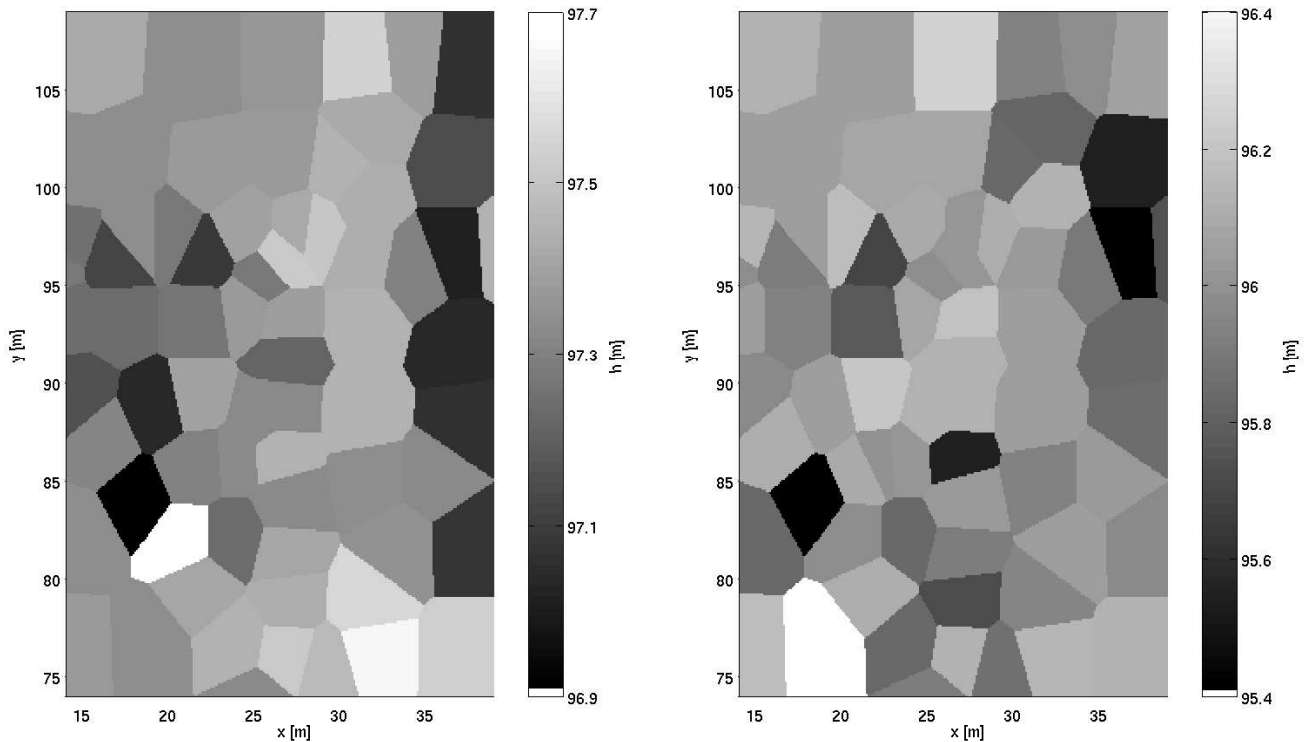


Figure 4: Height above sea level of the boundaries between layers A/B (*left*) and layers B/C (*right*).

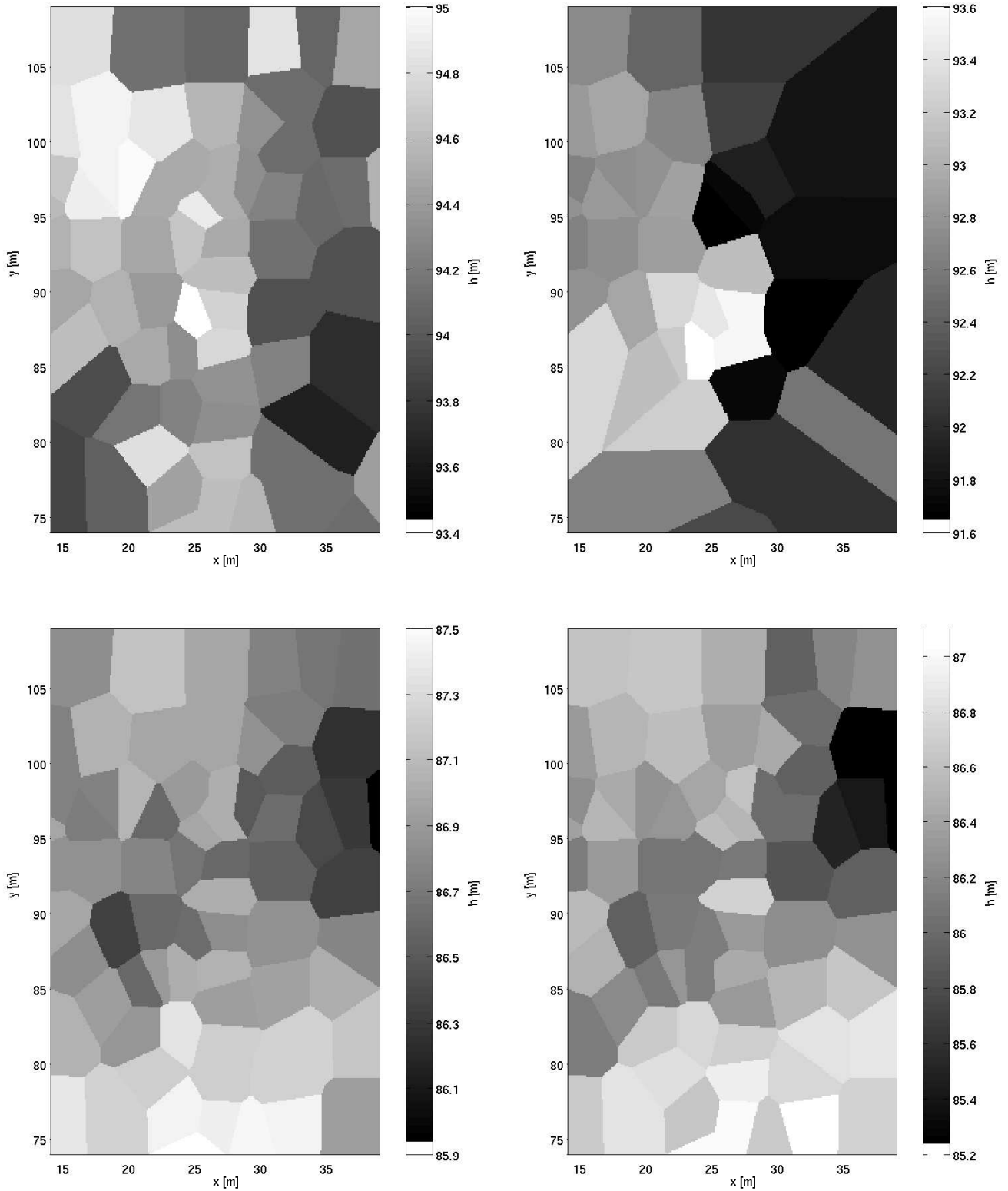


Figure 5: Height above sea level of the boundaries between layers C/D (*top left*), layers D/E (*top right*), layers E/F (*bottom left*), layers F/G (*bottom right*).

No.	CPT	x [m]	y [m]	h [m]	z_w [m]	A	B	C	D	E	F	G
1	07A	22.80	120.83	98.24	2.10	98.24	96.94	95.84	93.44	92.24	86.94	86.34
2	07B	24.14	122.48	98.20	2.15	98.20	97.20	96.10	93.40	92.60	86.80	86.00
3	07C	25.62	120.79	98.25	2.20	98.25						
4	22A	26.85	76.22	98.32	2.21	98.32	97.52	96.12	94.62		87.42	87.02
5	32A	14.10	97.43	98.25	2.10	98.25	97.25	96.15	94.65	92.65	86.75	86.25
6	100	16.84	96.26	98.22	2.16	98.22	97.12	95.92	94.92	92.82	86.72	86.52
7	101	21.96	96.55	98.29	2.23	98.29	97.09	95.69	94.49	92.89	86.59	86.29
8	102	26.50	96.32	98.22	2.17	98.22	97.52	96.02	94.52	91.72	87.02	86.52
9	103	31.30	96.40	98.33	2.25	98.33	97.43	96.03	94.23		86.63	86.03
10	104	36.63	96.81	98.41	2.34	98.41	97.01	95.41	94.11		86.31	85.41
11	105	26.32	86.40	98.35	2.24	98.35	97.45	95.55	94.75	93.55	87.05	86.45
12	106	26.71	91.30	98.32	2.22	98.32	97.22	96.12	94.62	93.12	87.02	86.72
13	107	26.65	101.49	98.27	2.22	98.27	97.37	96.07	94.57	92.17	86.97	86.37
14	108	26.61	106.42	98.26	2.23	98.26	97.36	96.26	94.06	92.06	86.96	86.46
15	109	21.74	106.35	98.24	2.21	98.24	97.34	96.04	94.14	92.44	87.14	86.64
16	110	22.53	100.75	98.27	2.23	98.27	97.37	96.07	94.87	92.67	86.97	86.57
17	111	17.35	101.22	98.24	2.19	98.24	97.34	96.04	94.94	92.94	87.04	86.54
18	112	16.94	93.47	98.24	2.18	98.24	97.24	95.94	94.64	92.74	86.84	86.34
19	113	21.79	93.32	98.27	2.20	98.27	97.27	95.77	94.47	92.87	86.77	86.07
20	114	21.76	89.11	98.30	2.23	98.30	97.40	96.20	94.40	93.30	86.60	86.10
21	115	26.65	93.32	98.29	2.23	98.29	97.39	96.19	94.49		86.59	86.09
22	116	31.37	93.25	98.35	2.29	98.35	97.45	96.05	94.15	91.75	86.55	85.85
23	117	31.45	99.44	98.33	2.27	98.33	97.43	96.13	94.13	91.83	86.53	85.93
24	118	28.51	97.71	98.31	2.23	98.31	97.51	96.11	94.31	91.91	86.51	86.01
25	119	24.32	97.95	98.30	2.24	98.30	97.40	96.10	94.50		86.90	86.40
26	120	20.22	97.48	98.28	2.23	98.28	97.28	96.18	94.98	92.78	87.08	86.28
27	121	13.94	93.51	98.24	2.15	98.24	97.24	96.04	94.54	92.64	86.84	86.14
28	122	26.48	88.74	98.33	2.25	98.33	97.33	96.13	94.73	93.53	86.83	86.33
29	123	31.27	88.45	98.35	2.28	98.35	97.45	96.05	93.95	91.65	86.85	86.25
30	124	14.50	89.38	98.26	2.18	98.26	97.16	95.96	94.46	92.76	86.96	86.56
31	125	14.48	76.41	98.27	2.17	98.27	97.37	96.17	93.87		87.37	86.67
32	126	37.38	76.26	98.43	2.35	98.43	97.53	96.13			86.93	86.73
33	127	37.28	88.07	98.46	2.38	98.46	97.06	95.86			86.76	86.26
34	128	37.13	106.29	98.46	2.40	98.46	97.06	96.06	94.46		86.66	86.26
35	129	15.38	106.84	98.22	2.16	98.22	97.42	96.12	94.82	92.72	86.82	86.62
36	130	31.70	76.37	98.35	2.25	98.35	97.65	96.15	94.15		87.45	87.05
37	131	37.37	81.92	98.47	2.38	98.47	97.07	95.97			87.17	86.87
38	132	24.59	93.78	98.27	2.39	98.27	97.37	96.07	94.67		86.67	86.07
39	133	25.57	95.36	98.28	2.40	98.28	97.28	95.98	94.88	91.68	86.98	86.58
40	134	27.61	97.85	98.32	2.40	98.32	97.42	96.02	94.52	91.92	87.02	86.62
41	135	21.05	85.53	98.30	2.44	98.30	97.30	96.10	94.50	93.10	86.60	86.10
42	136	22.07	86.08	98.30	2.44	98.30	97.30	96.00	94.50	93.20	86.90	86.30
43	137	23.78	86.22	98.32	2.47	98.32	97.32	96.02	94.32	93.62	87.02	86.12
44	138	25.22	88.18	98.32	2.48	98.32	97.32	96.12	95.02	93.42	86.62	86.12
45	139	13.18	95.85	98.28	2.42	98.28	97.28	95.98	94.58	92.78	86.98	86.38
46	140	34.21	95.79	98.40	2.54	98.40	97.30	95.90	94.10		86.40	85.50
47	141	31.33	106.30	98.34	2.48	98.34	97.54	95.94	94.84		86.74	85.94
48	142	29.93	100.95	98.34	2.47	98.34	97.44	95.84	94.34		86.84	86.44
49	143	31.74	103.14	98.32	2.47	98.32	97.42	95.82	94.12		86.72	86.02
50	144	34.27	106.64	98.38	2.53	98.38	97.38	95.98	94.08		86.68	86.18
51	145	26.91	83.92	98.33	2.50	98.33	97.33	96.03	94.33	91.73	86.93	86.33
52	146	26.74	81.30	98.31	2.46	98.31	97.41	95.91	94.31		87.21	86.71
53	147	27.00	78.85	98.33	2.46	98.33	97.43	95.73	94.63	92.03	87.23	86.93
54	148	23.78	76.78	98.34	2.43	98.34	97.44	95.84	94.44	92.64	87.44	86.64
55	149	21.90	79.36	98.31	2.42	98.31	97.41	96.11	94.81		87.21	86.81
56	150	18.31	84.22	98.31	2.41	98.31	96.91	95.41	93.91		86.91	86.21
57	151	16.23	86.98	98.31	2.47	98.31	97.31	96.11	94.61	93.31	86.81	86.51
58	152	29.21	75.58	98.37	2.47	98.37	97.47	95.87	94.57		87.47	86.67
59	153	31.36	78.74	98.35	2.46	98.35	97.55	95.95	94.15	92.05	87.25	86.75
60	154	33.32	81.79	98.35	2.47	98.35	97.35	96.05	93.65	92.55	87.25	86.85
61	155	35.52	85.12	98.43	2.54	98.43	97.33	96.03	93.73	91.93	87.03	86.63
62	156	42.33	76.26	98.52	2.61	98.52	97.32	95.82	94.42		87.12	86.82
63	157	37.20	71.30	98.43	2.52	98.43	97.43	95.63	94.13		87.53	86.93
64	158	25.04	73.66	98.32	2.39	98.32	97.32	95.92	94.62	92.22	87.52	87.02
65	159	24.50	67.12	98.37	2.40	98.37	97.27	95.97	94.57	92.57	87.17	86.97
66	160	20.77	82.14	98.28	2.39	98.28	97.68	95.98	94.18		86.88	86.68
67	161	10.90	92.54	98.24	2.36	98.24	97.34	96.24	94.84	92.84	87.14	86.64
68	162	14.73	82.06	98.24	2.39	98.24	97.34	95.84			87.04	86.14
69	163	18.80	76.56	98.24	2.39	98.24	97.34	96.44	94.04		87.24	86.84
70	164	23.72	82.10	98.24	2.44	98.24	97.24	95.84	94.24	93.24	87.34	86.74
71	165	19.22	88.50	98.24	2.42	98.24	97.04	96.04	94.54	92.94	86.34	85.94
72	166	9.36	96.98	98.24	2.35	98.24	97.34	96.04	94.64	92.84	87.24	86.74
73	167	39.63	97.03	98.24	2.62	98.24	97.44	95.74	94.54		85.94	85.24
74	168	36.71	101.06	98.24	2.55	98.24	97.14	95.54	93.94		86.24	85.24
75	169	36.85	91.78	98.24	2.40	98.24	97.04	95.84	93.94		86.34	85.94
76	170	14.51	100.74	98.24	2.40	98.24	97.34	96.04	94.84	92.84	86.74	86.34
77	171	31.80	85.02	98.24	2.49	98.24	97.34	95.94	94.24		86.94	86.54
78	172	18.13	97.50	98.24	2.18	98.24	97.34	96.04	94.94	92.74	86.74	86.44

revision : 08-Mar-2005 – AxT

Table 5: Elevation above sea level of the top of each layer according to Fejes and Nyari, (2004).

D CPT Cross sections

The figures of this appendix display various cross sections through the three dimensional soil properties distributions along the x- and y- direction. Since the CPT data is nonuniformly sampled a three-dimensional hypersurface is fitted to the data using the Qhull algorithm (Barber et al., (1996)) with nearest neighbor interpolation. The belonging CPT locations are indicated with name, location on the section and penetration depth.

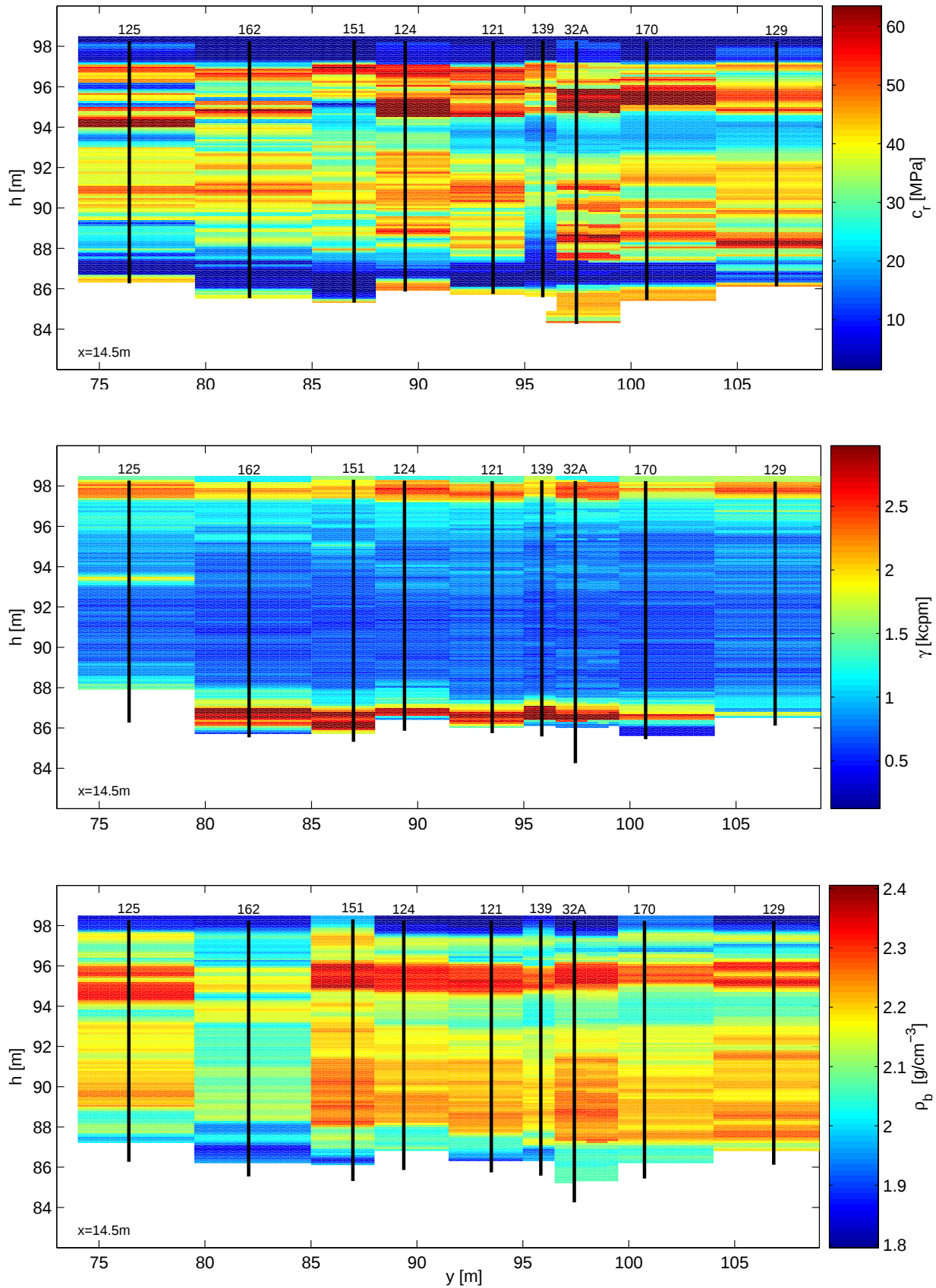


Figure 6: Cross section H1. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

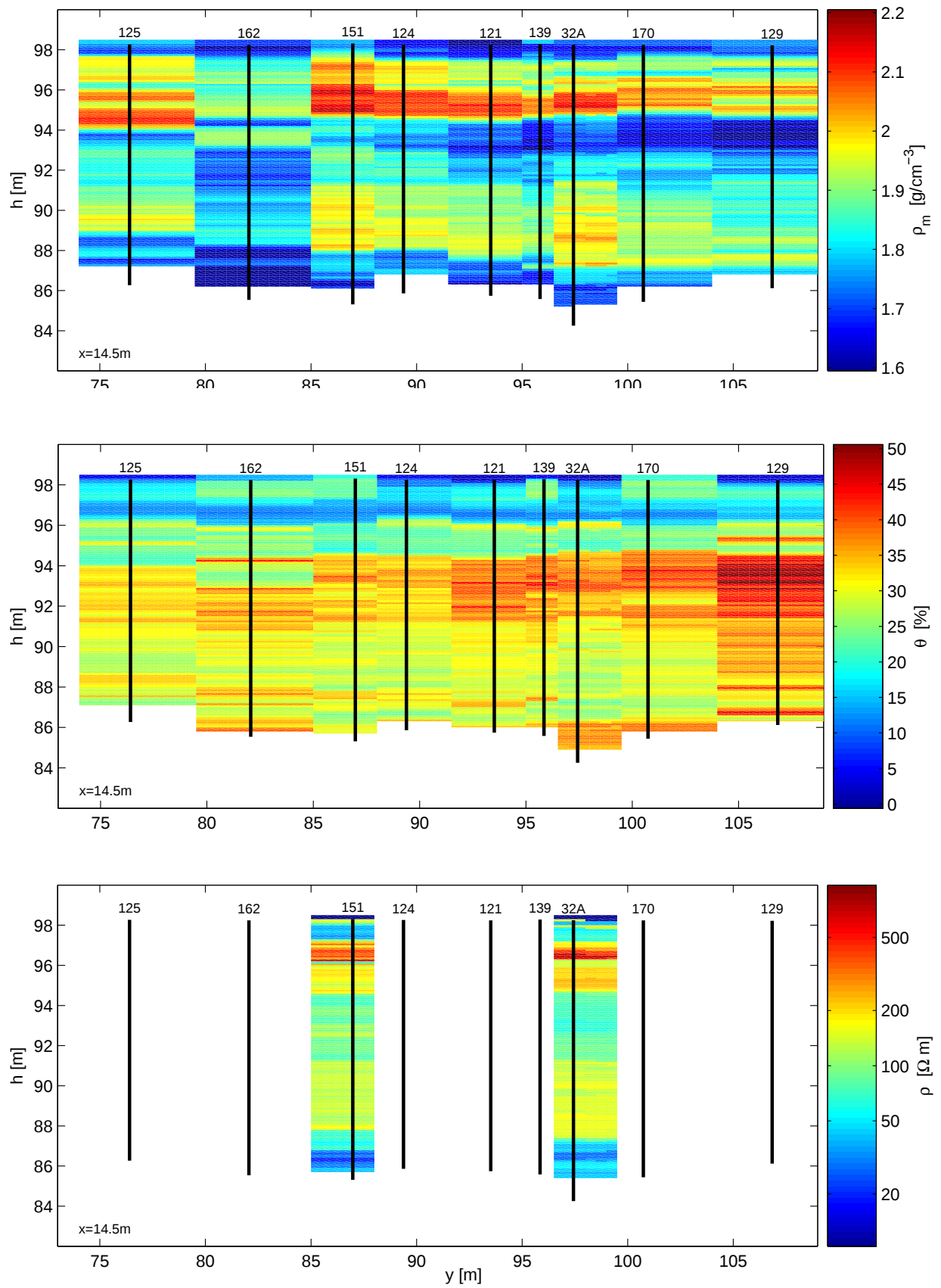


Figure 7: Cross section H1. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

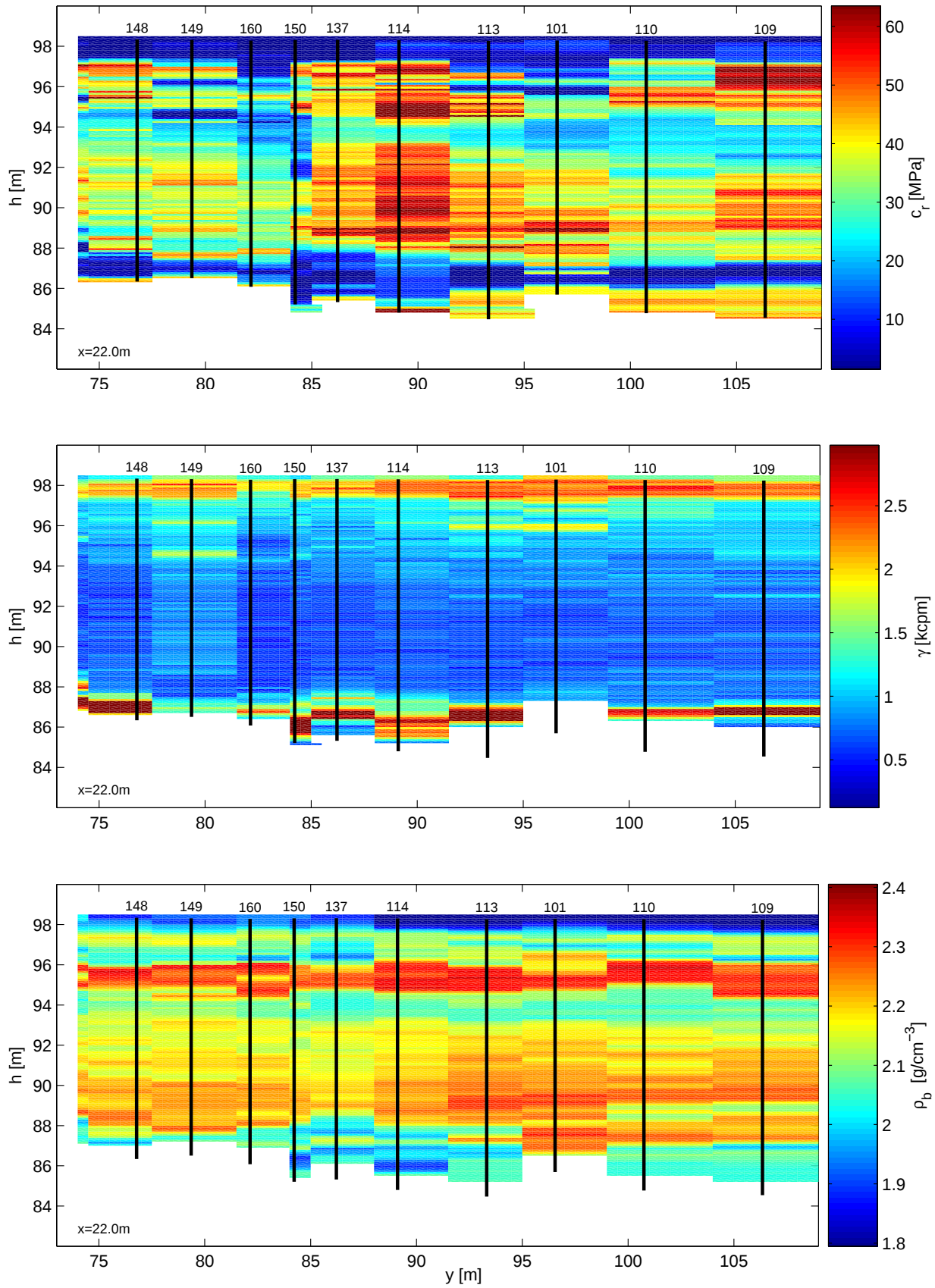


Figure 8: Cross section H2. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

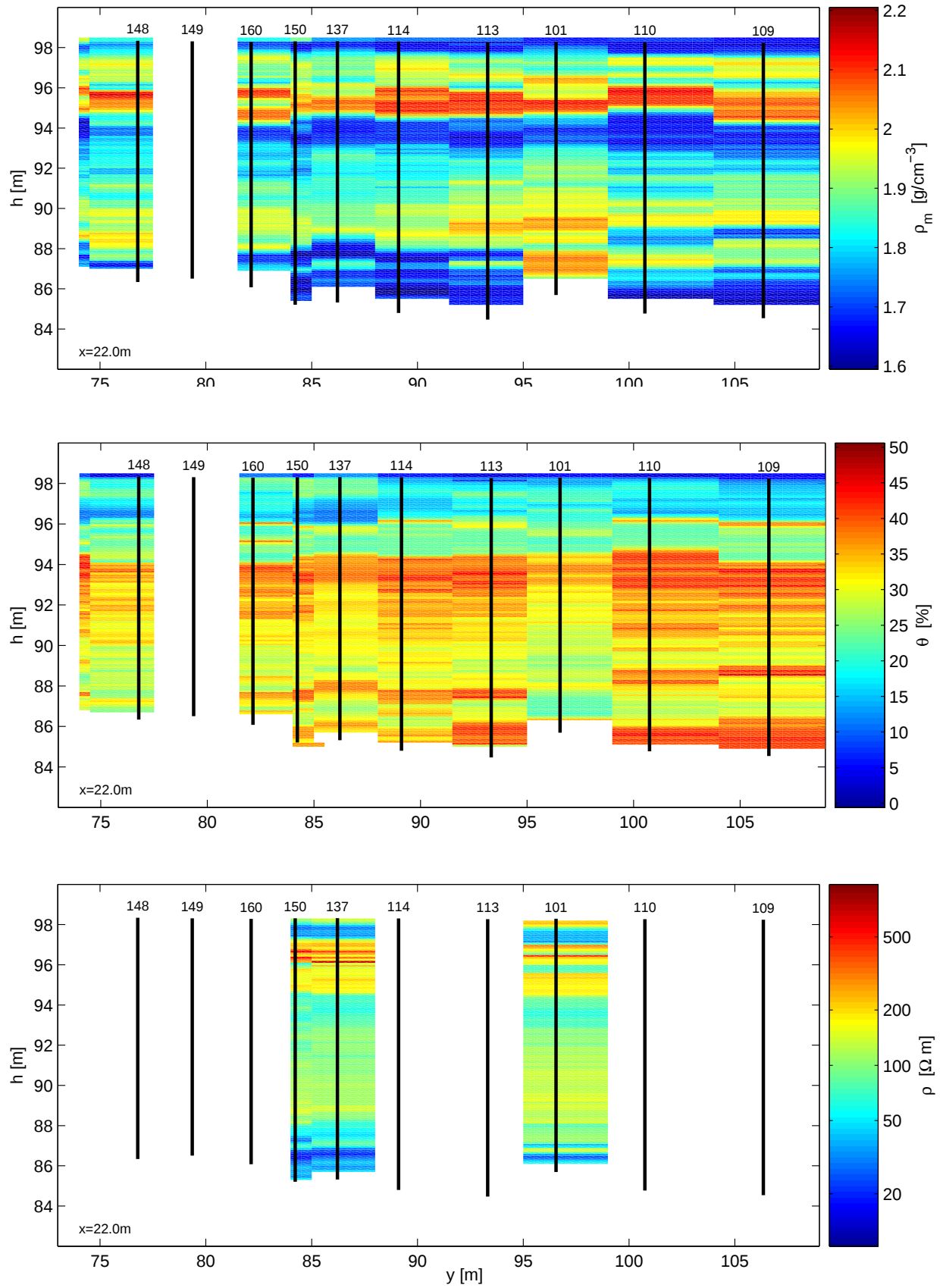


Figure 9: Cross section H2. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

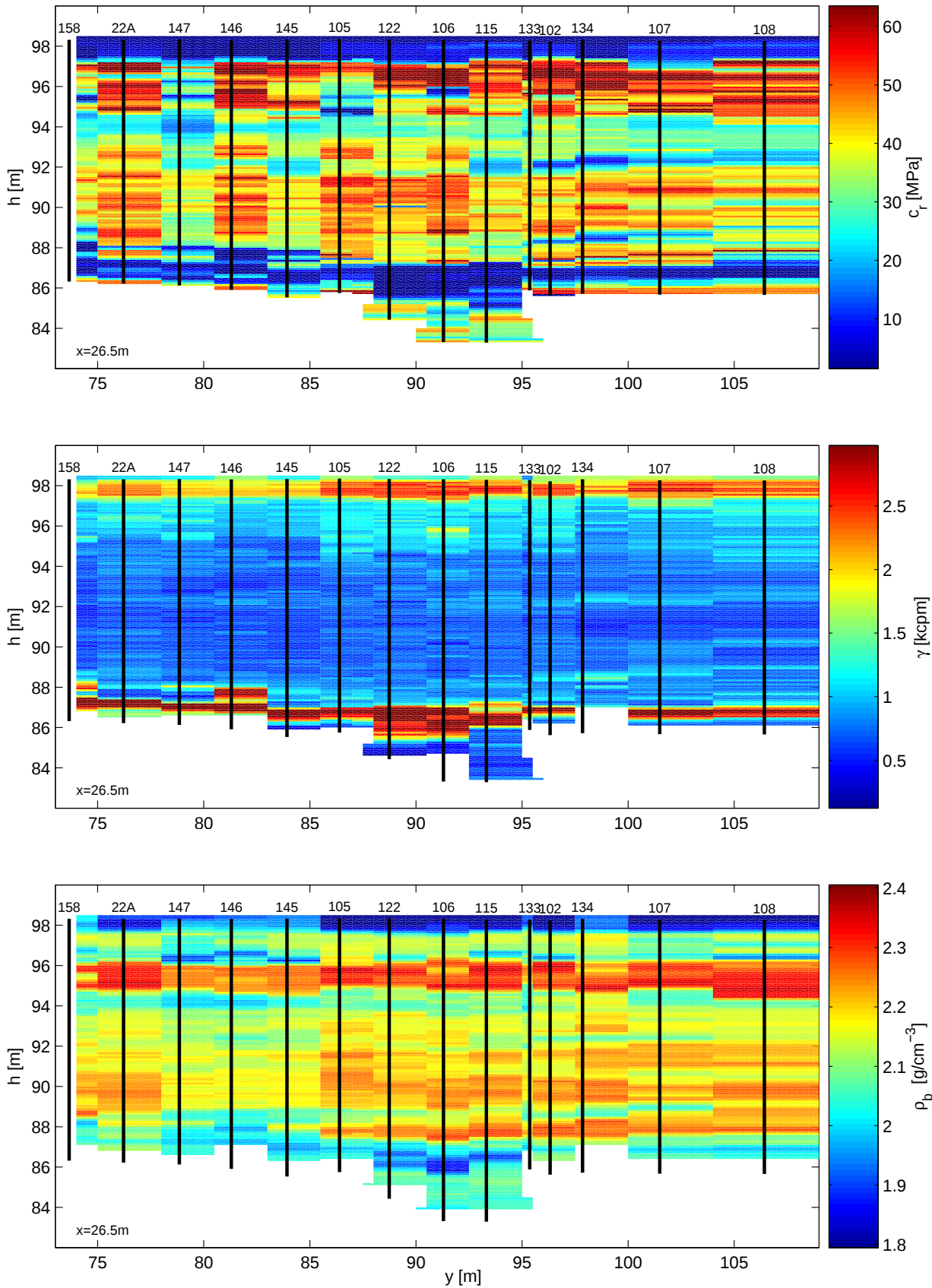


Figure 10: Cross section H3. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

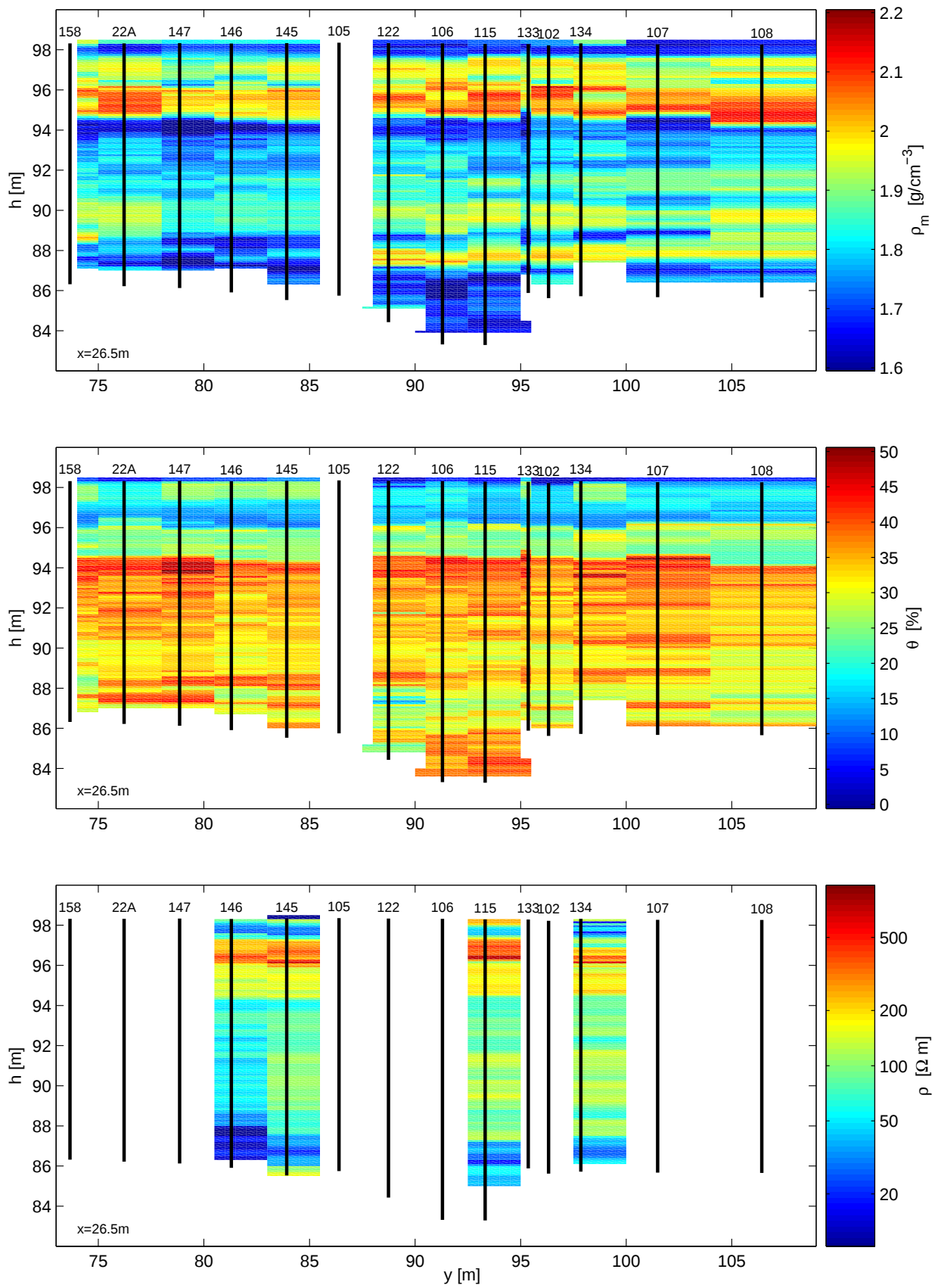


Figure 11: Cross section H3. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

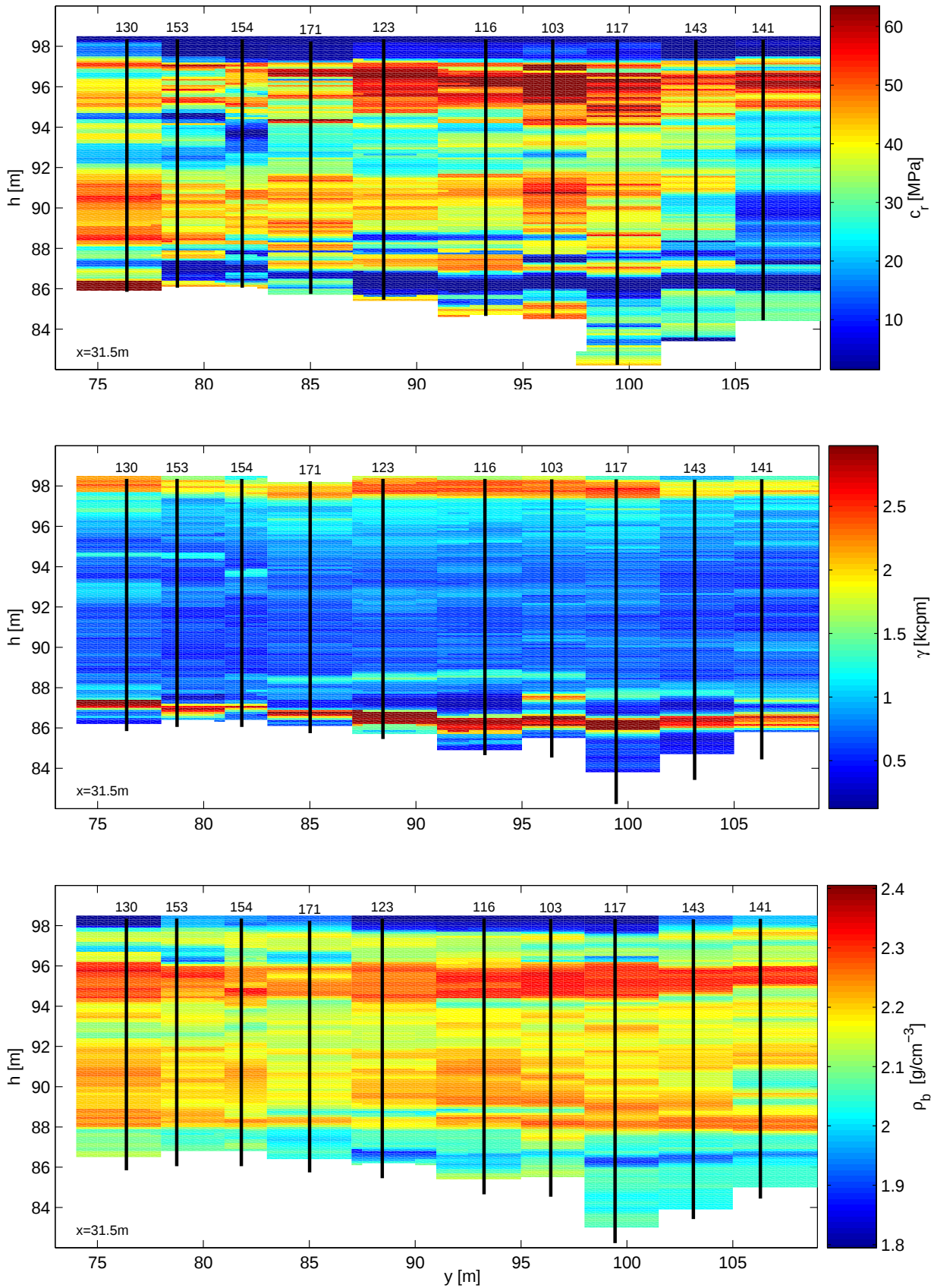


Figure 12: Cross section H4. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

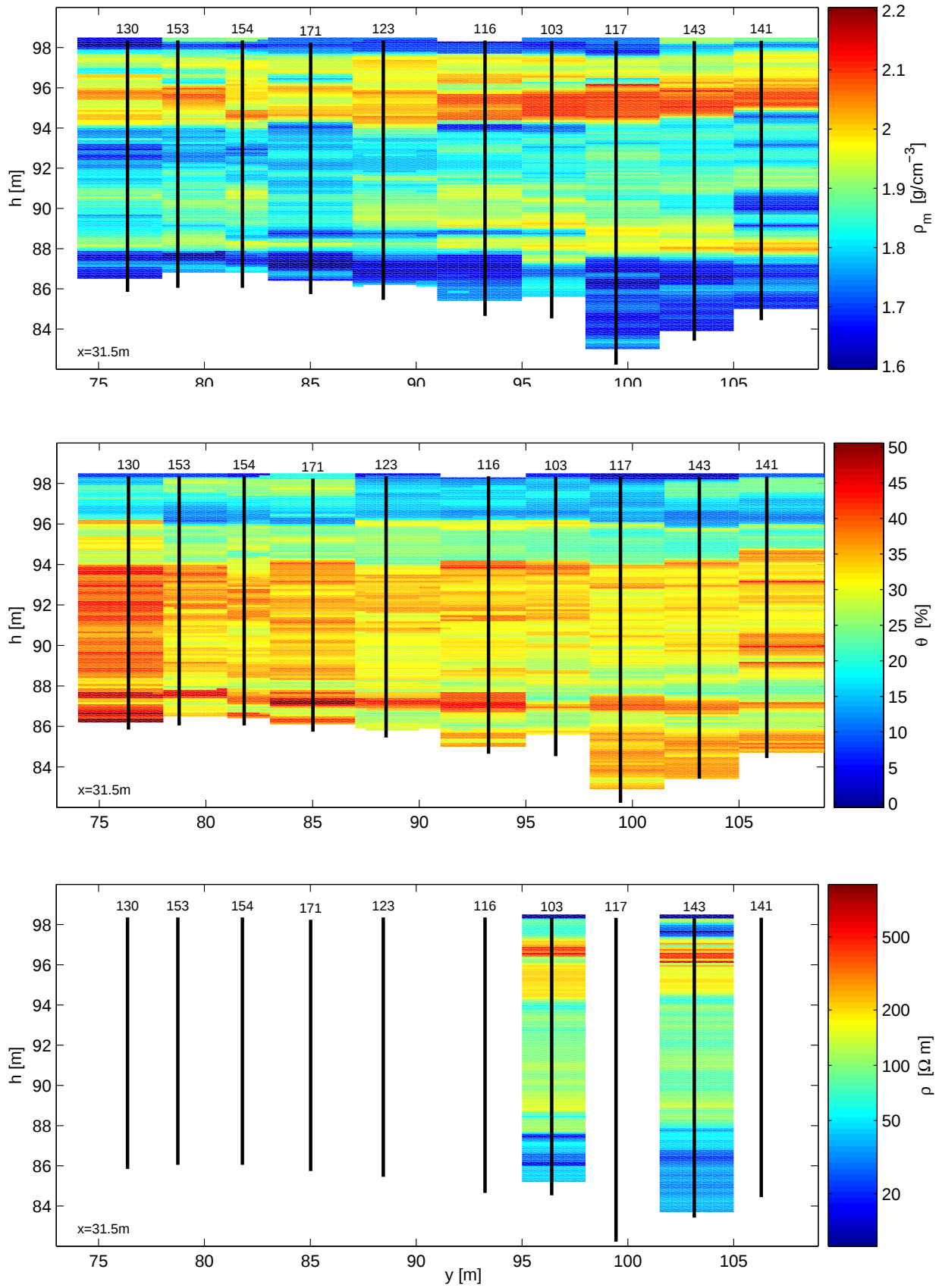


Figure 13: Cross section H4. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

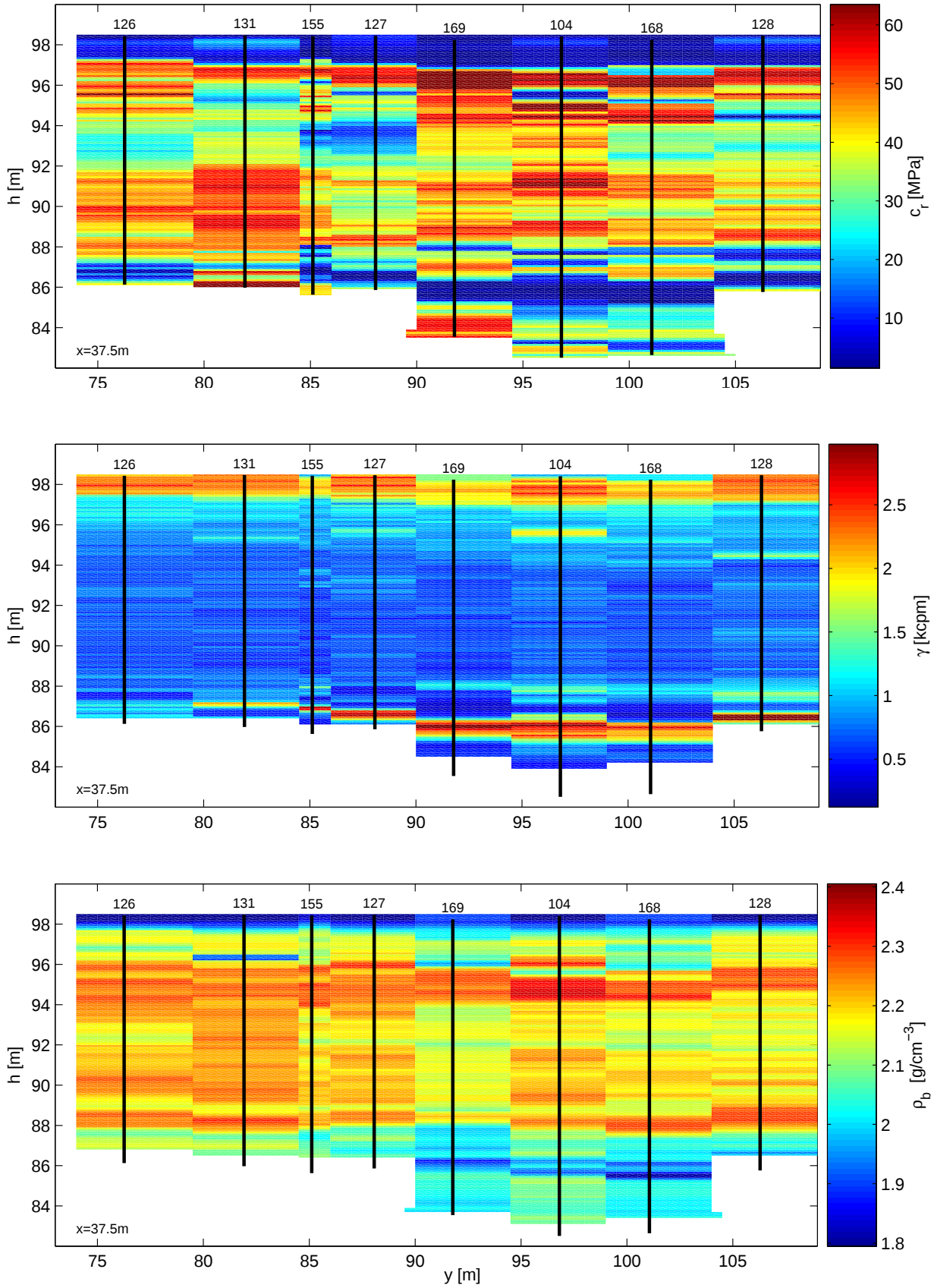


Figure 14: Cross section H5. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

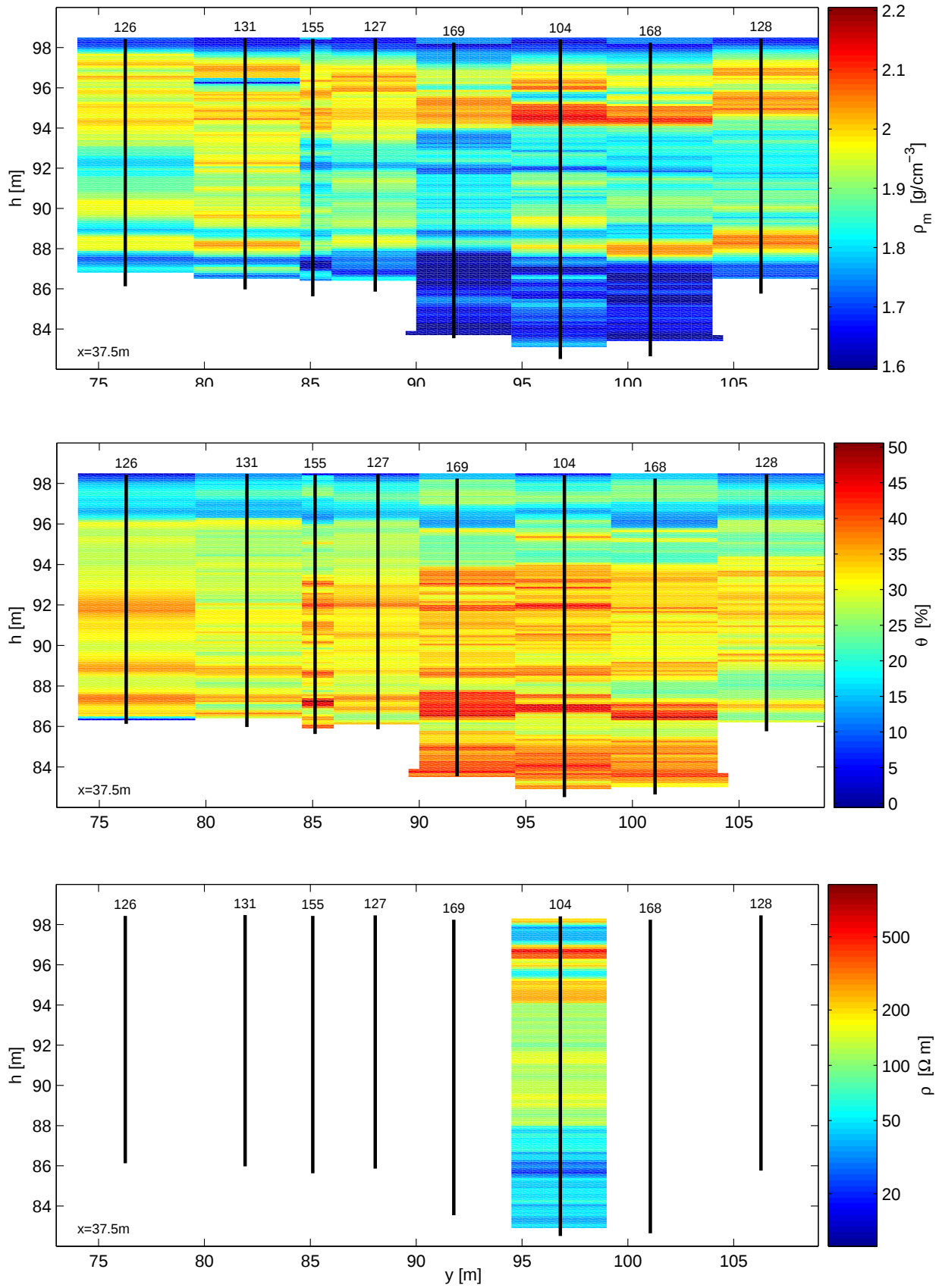


Figure 15: Cross section H5. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

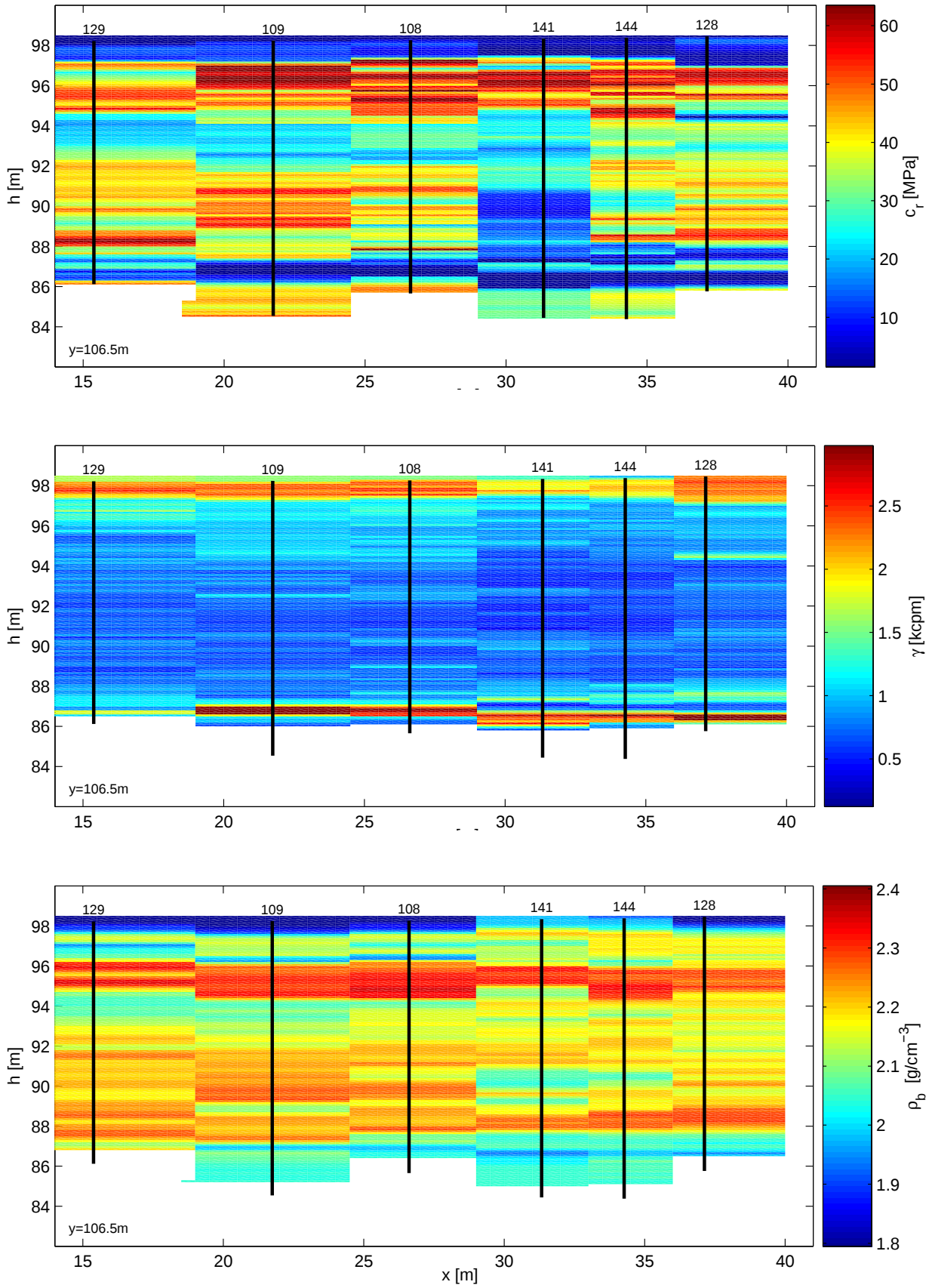


Figure 16: Cross section K1. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

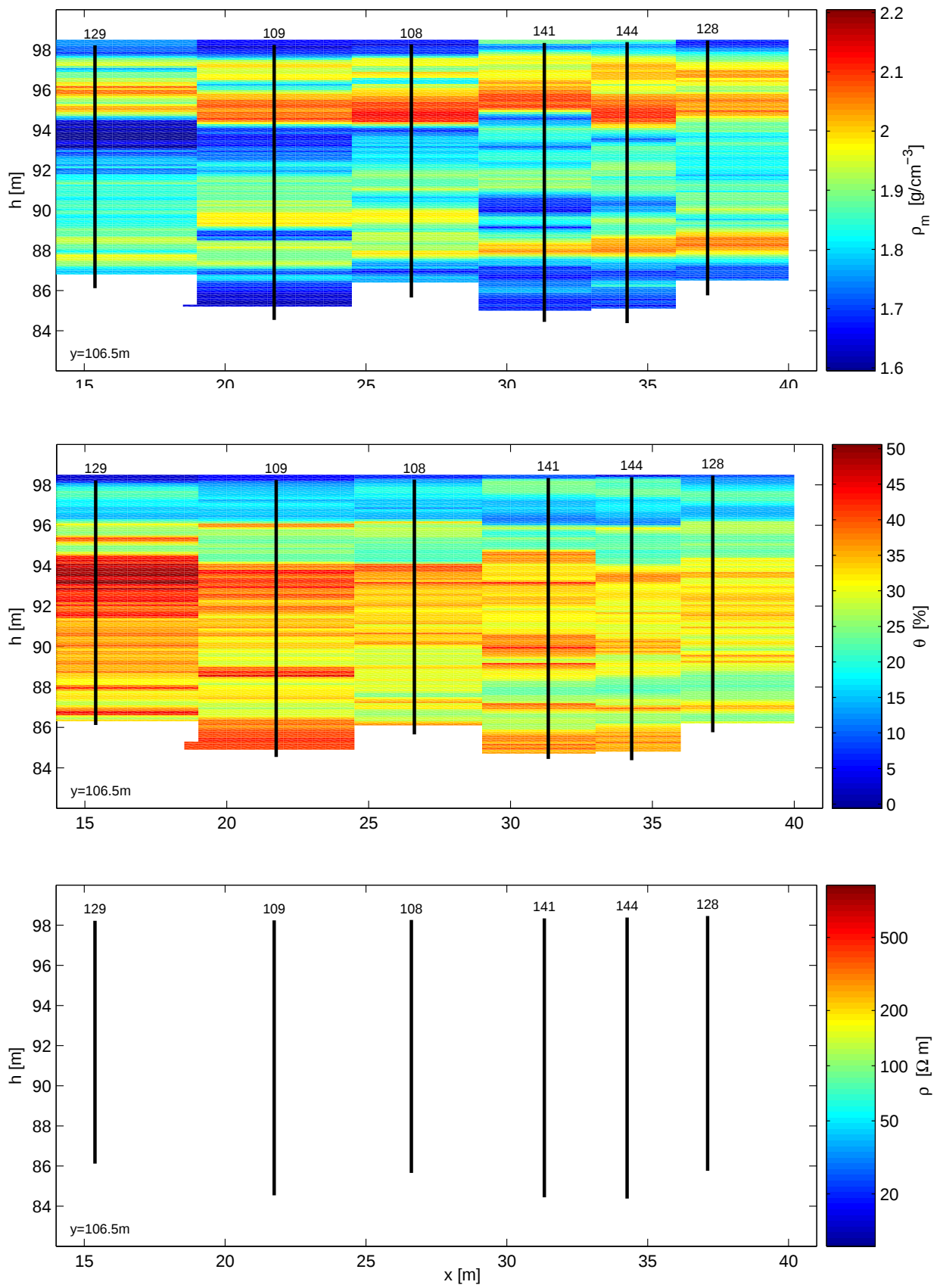


Figure 17: Cross section K1. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

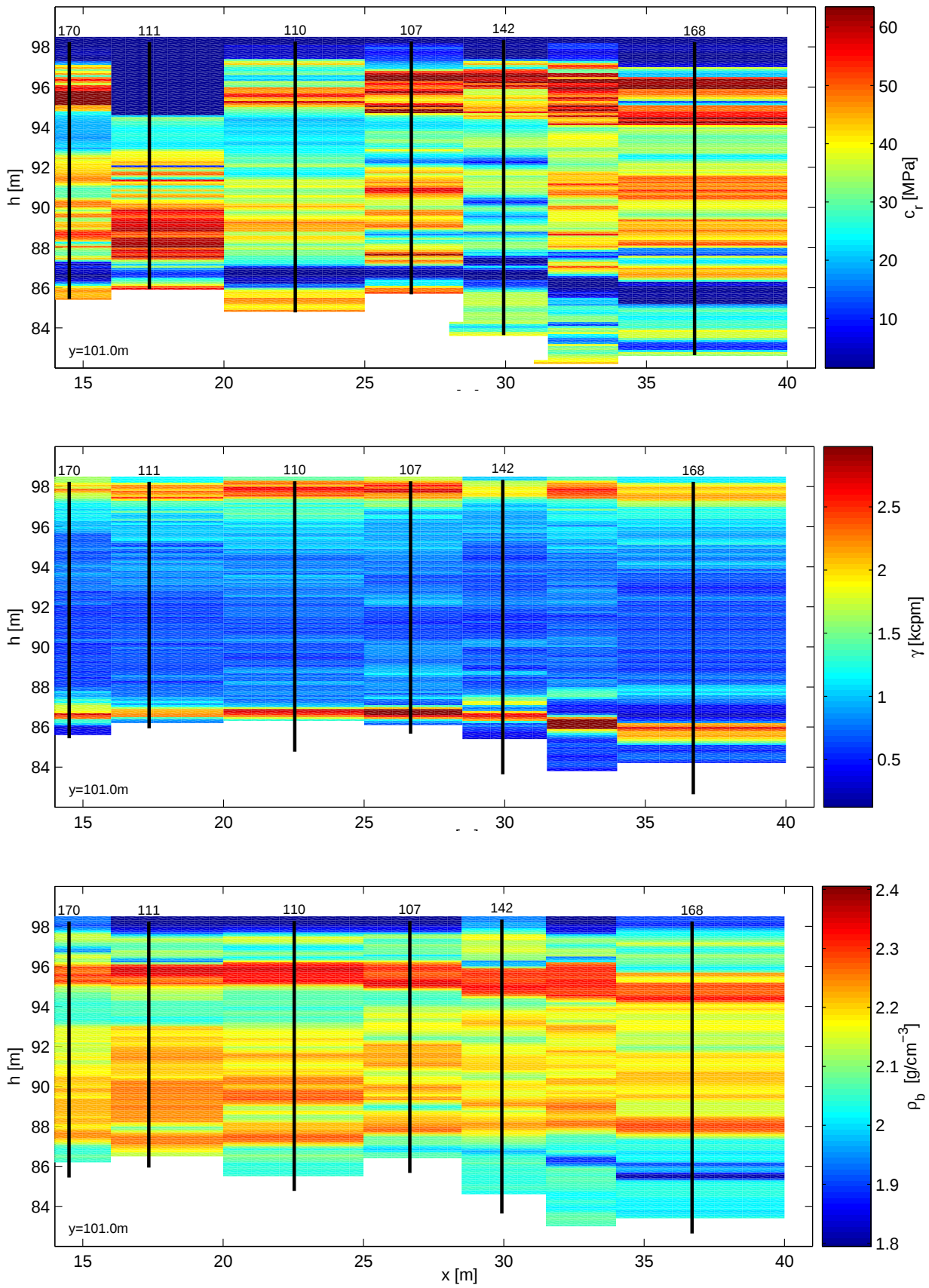


Figure 18: Cross section K2. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

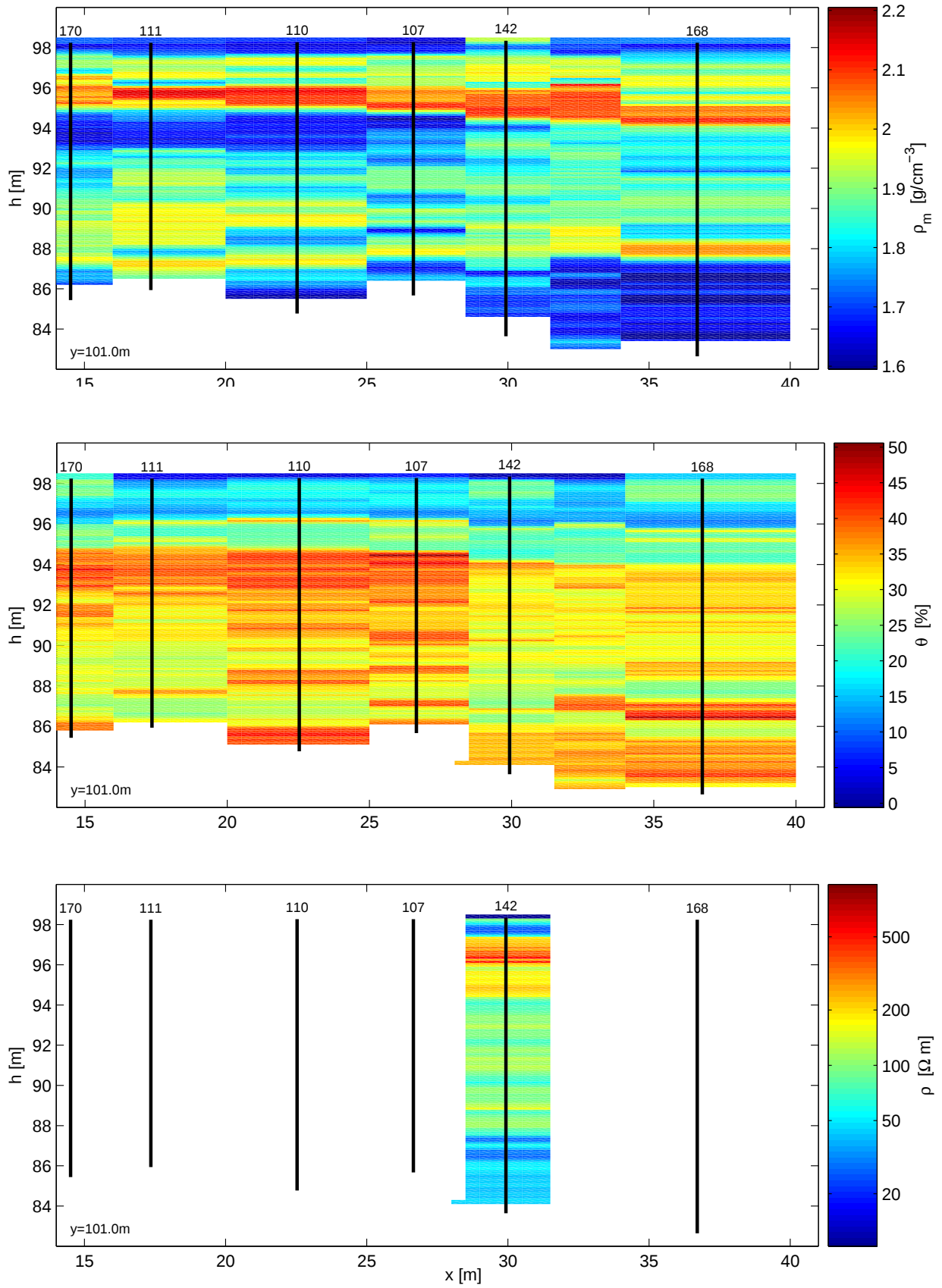


Figure 19: Cross section K2. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

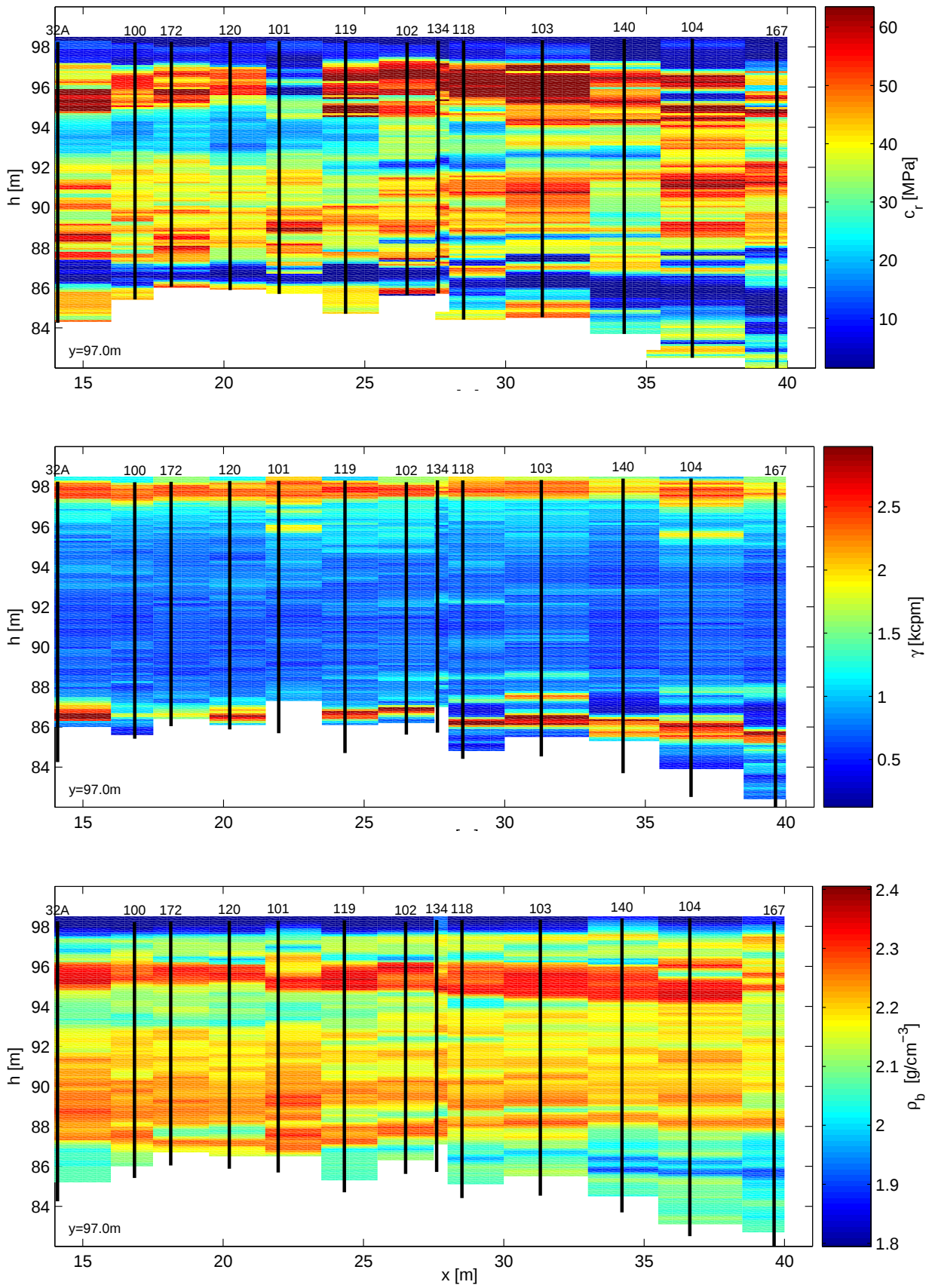


Figure 20: Cross section K3. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

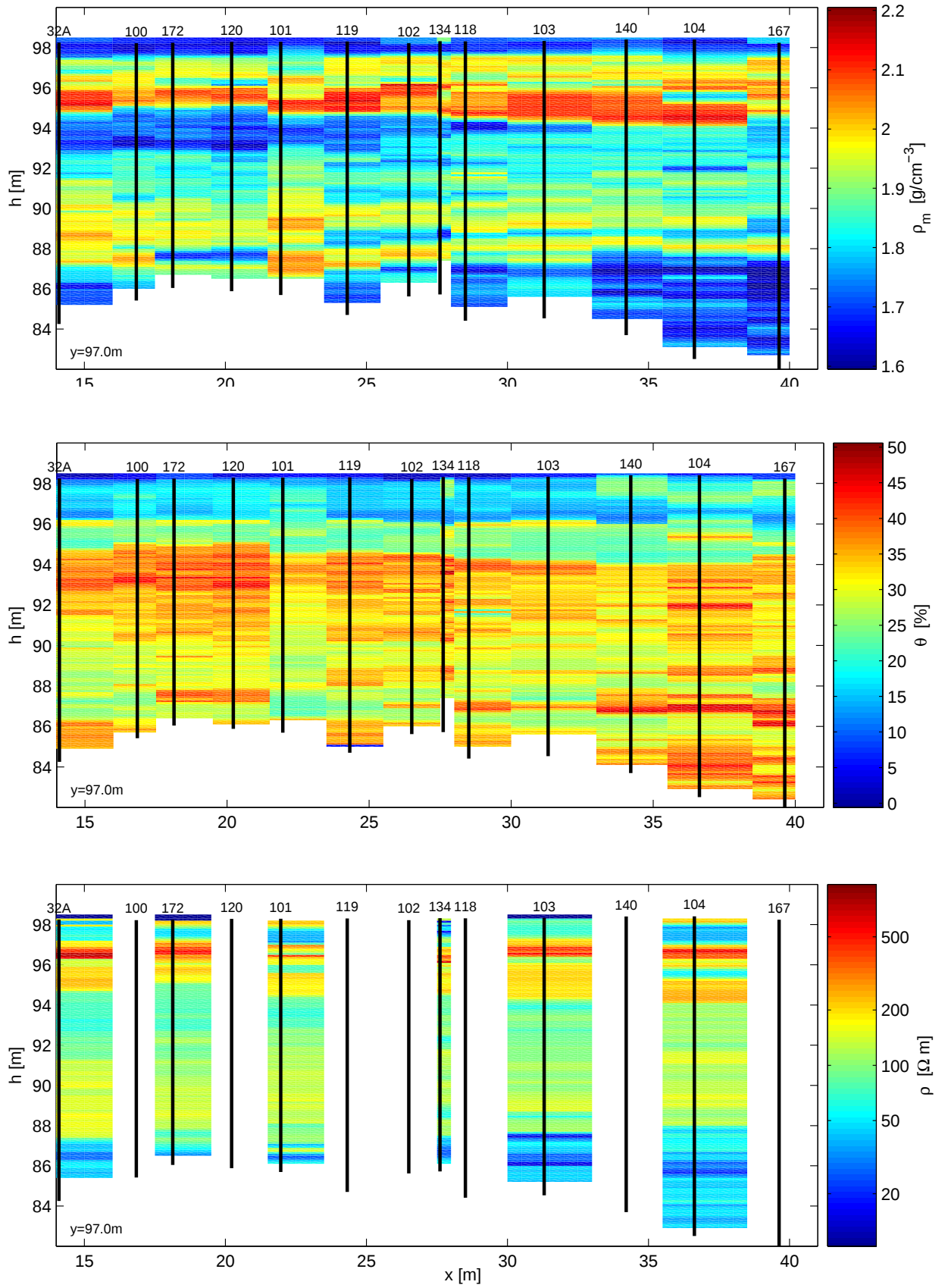


Figure 21: Cross section K3. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

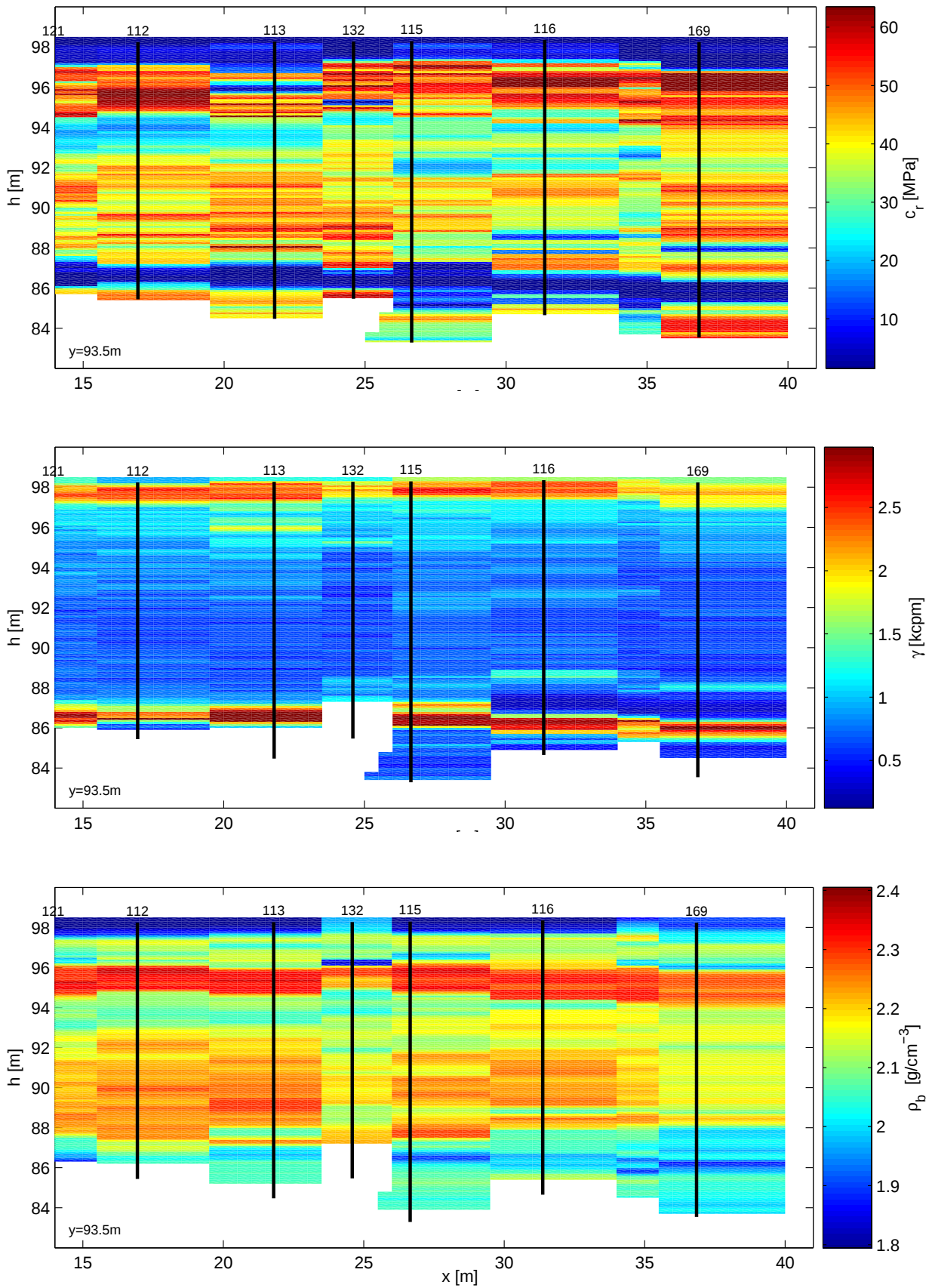


Figure 22: Cross section K4. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

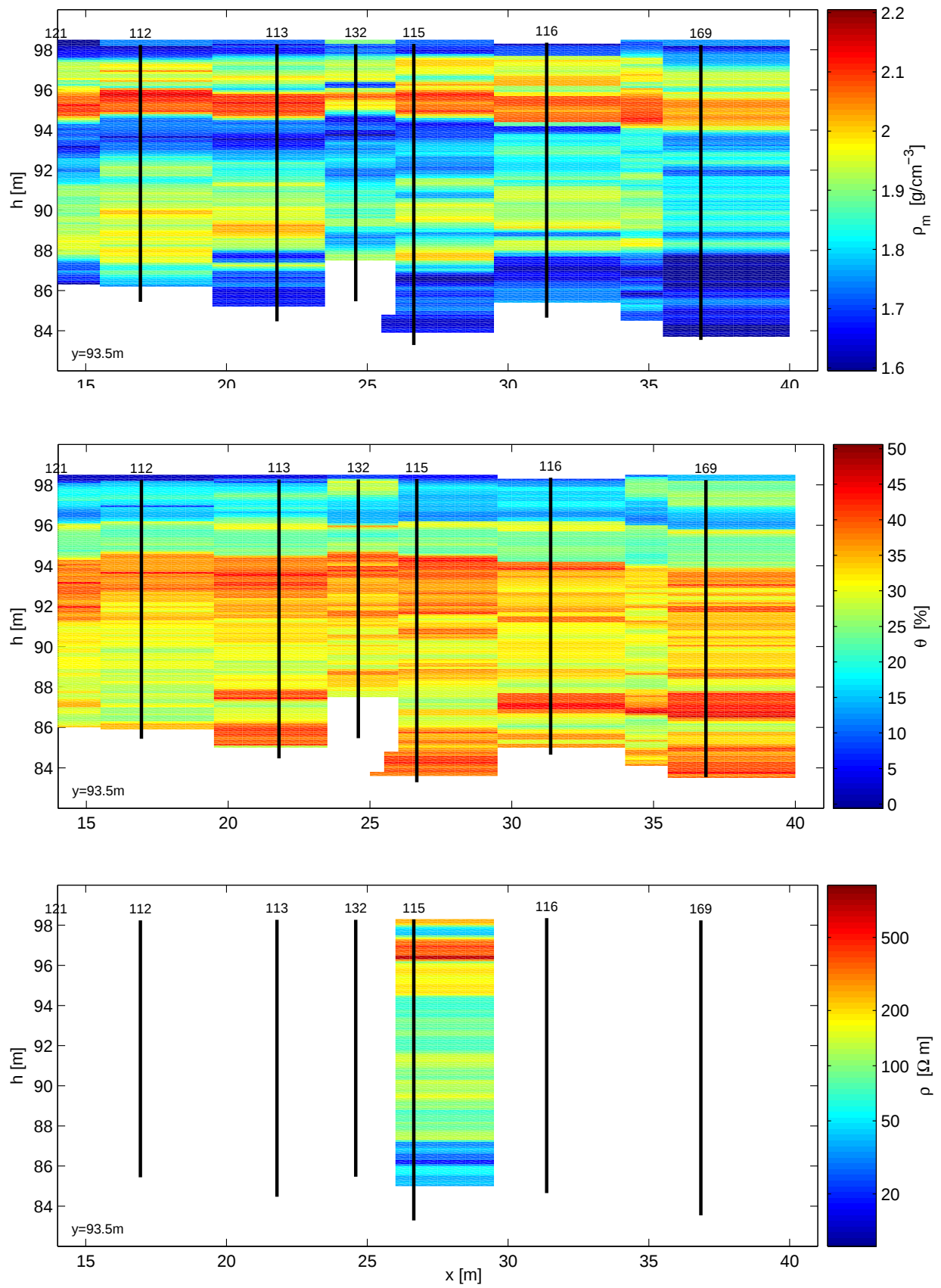


Figure 23: Cross section K4. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

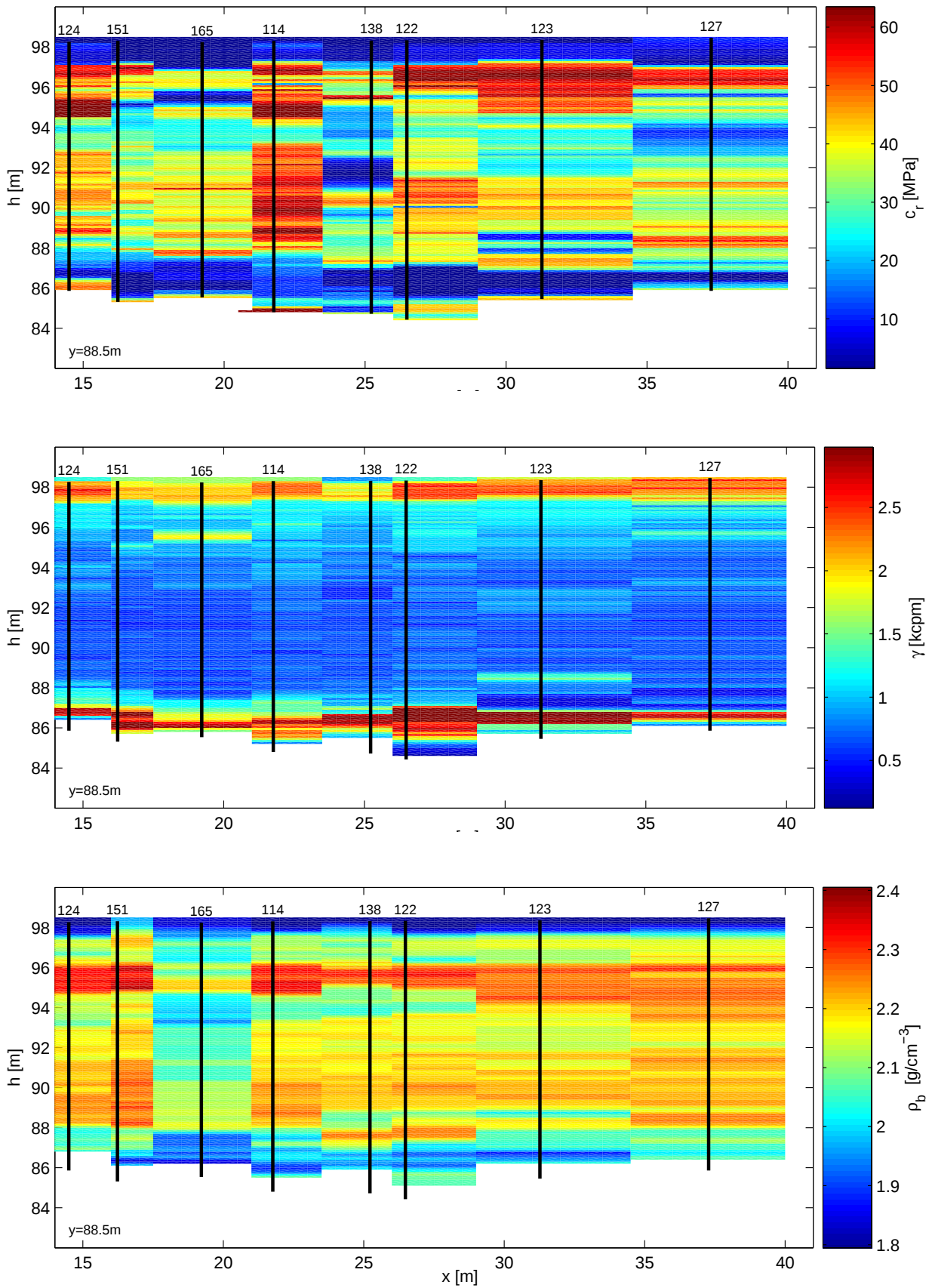


Figure 24: Cross section K5. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

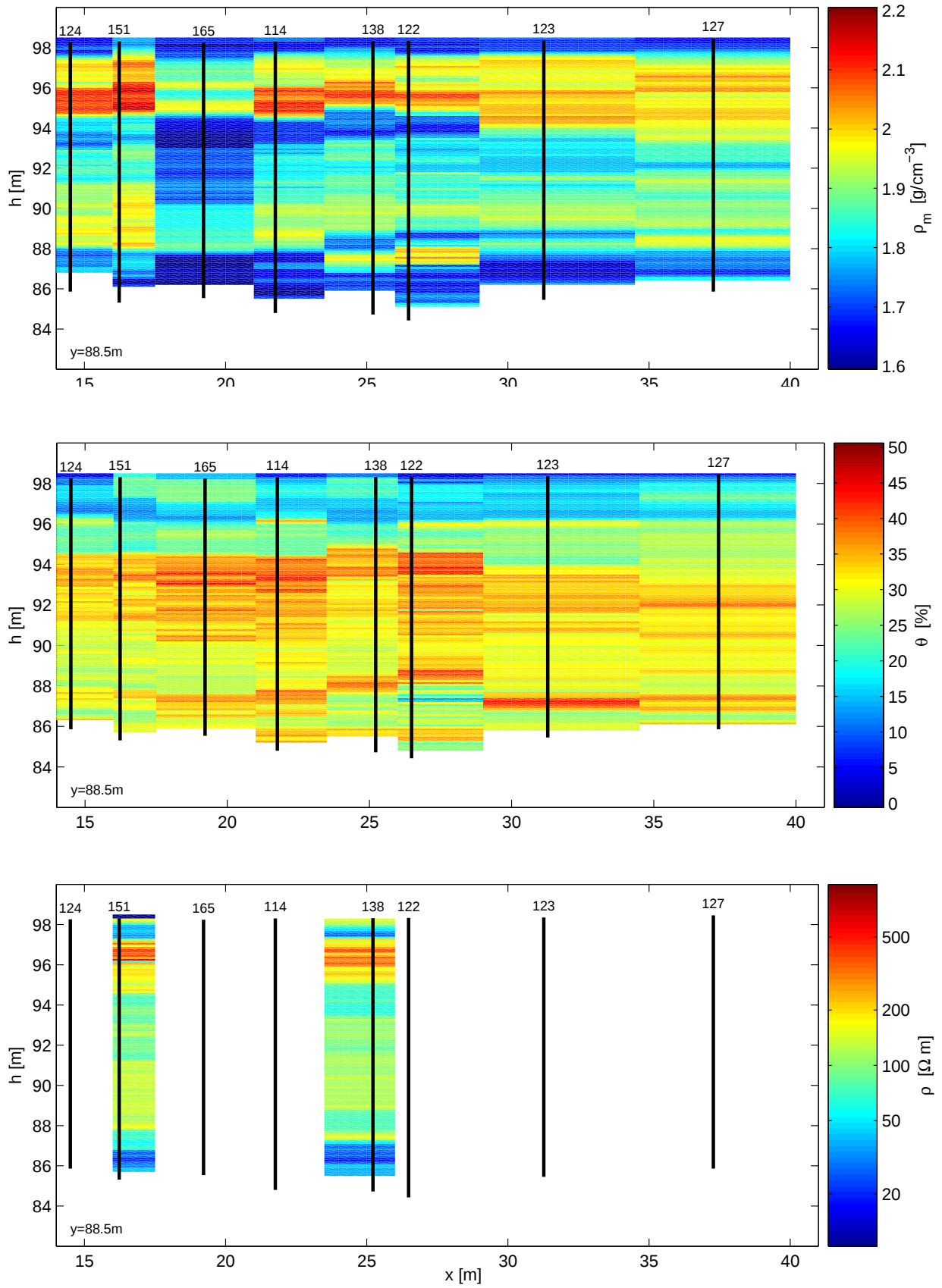


Figure 25: Cross section K5. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

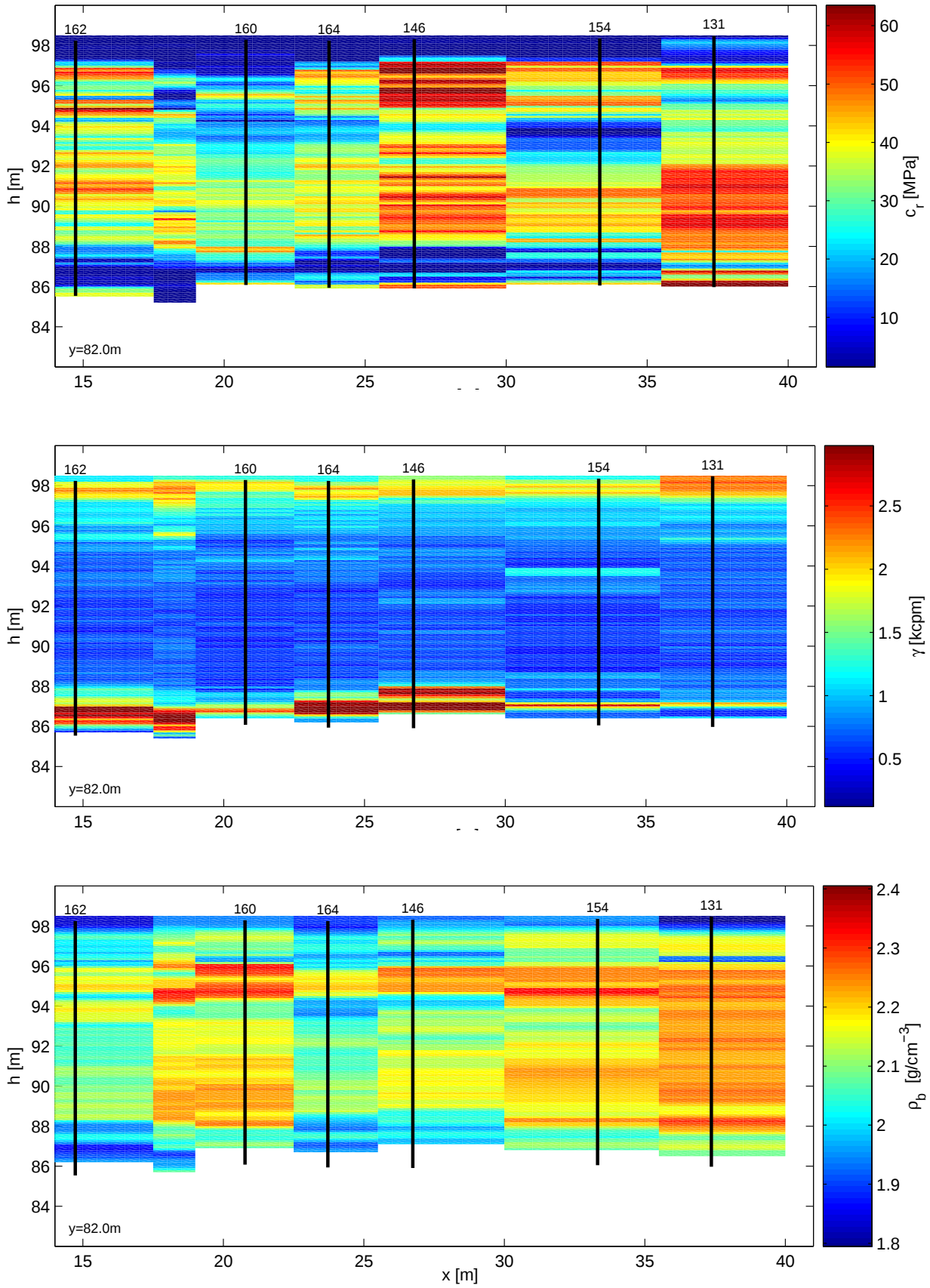


Figure 26: Cross section K6. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

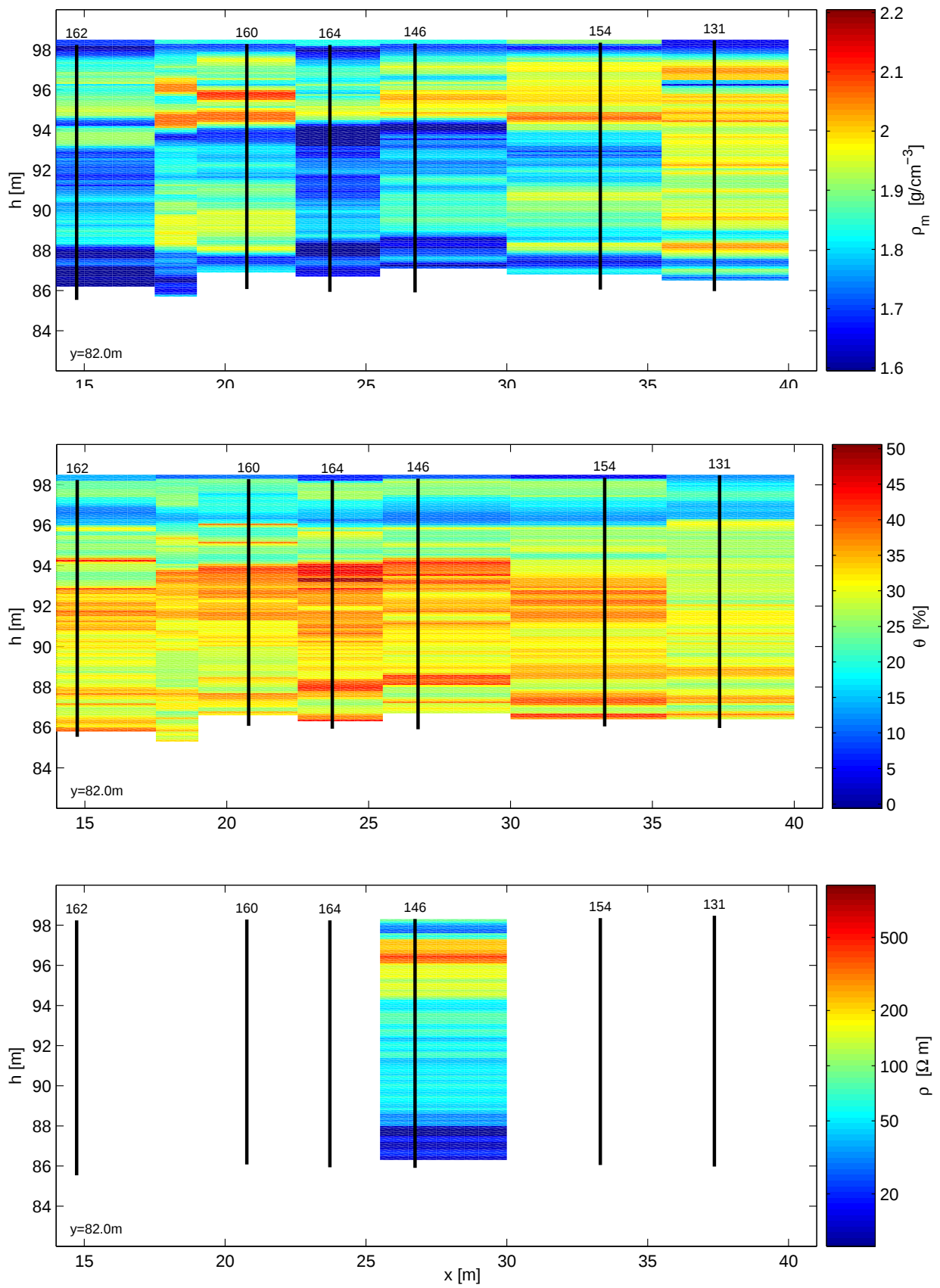


Figure 27: Cross section K6. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

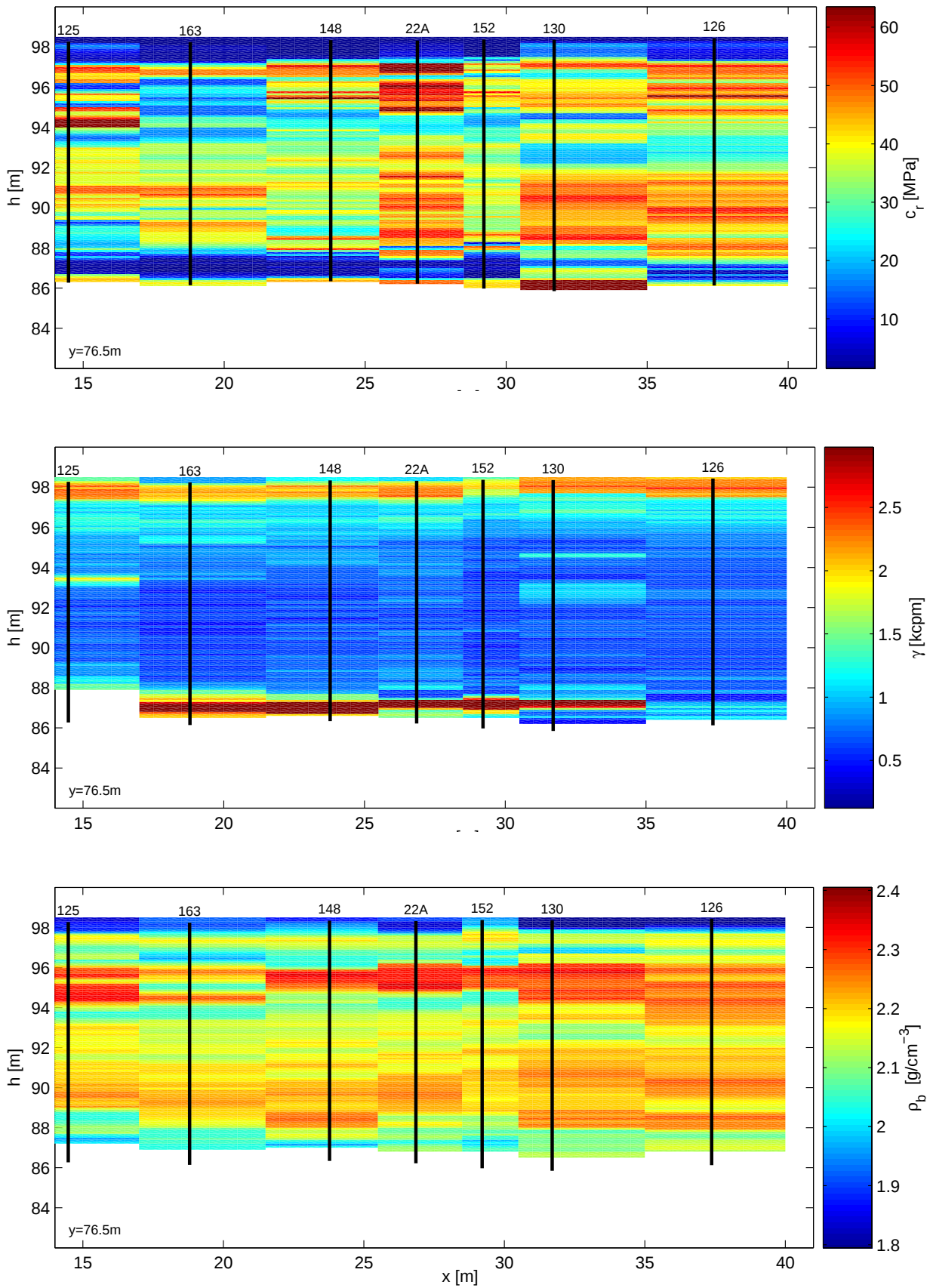


Figure 28: Cross section K7. *top*: mechanic cone resistance c_r , *middle*: natural gamma activity γ , *bottom*: bulk density ρ_b .

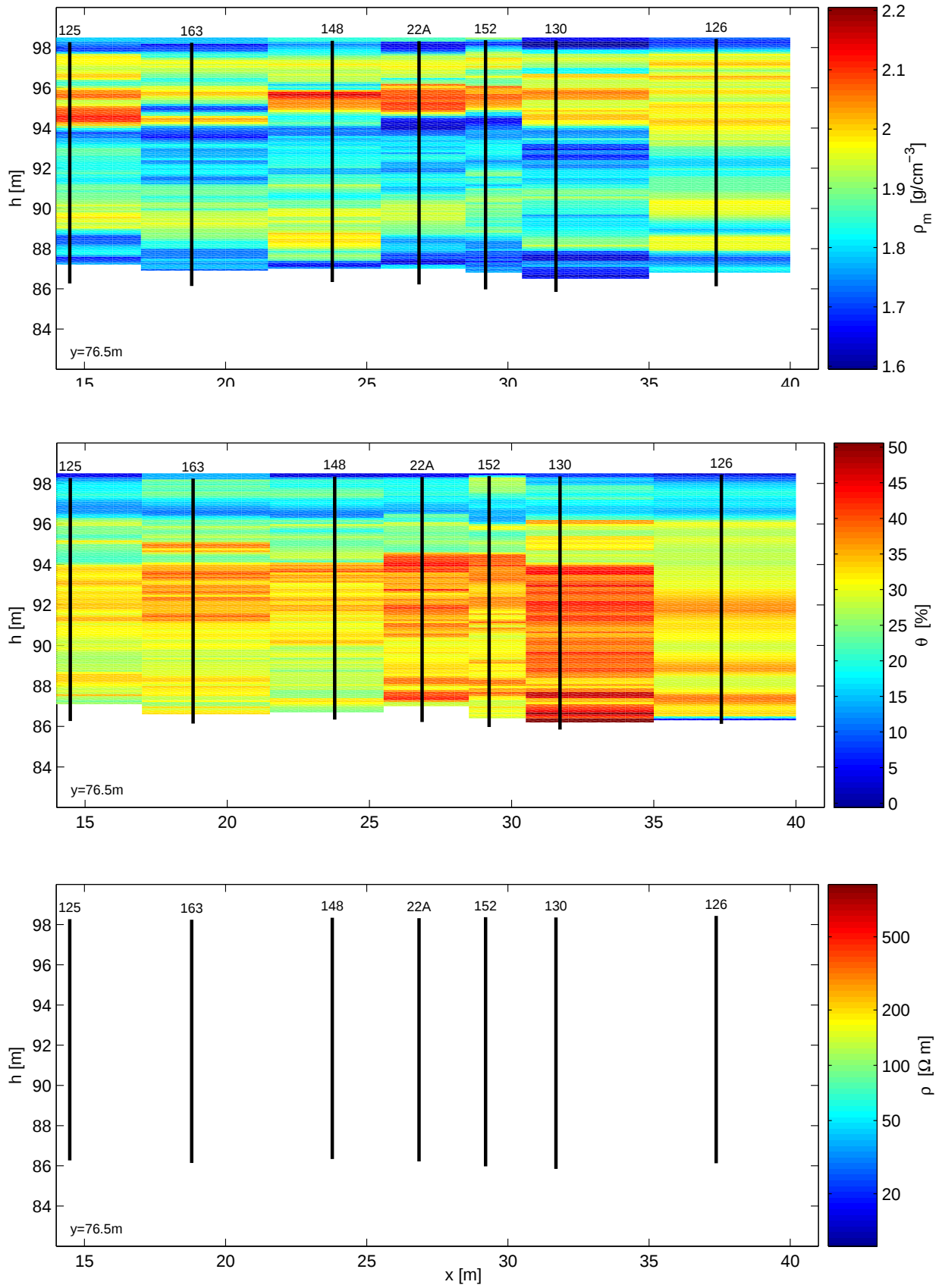


Figure 29: Cross section K7. *top*: dry matrix density ρ_m , *middle*: water content θ , *bottom*: electrical resistivity ρ .

E Symbols and abbreviations

The symbols and abbreviations used in this report and their meaning are compiled in the following table:

x	: coordinate in the local system, roughly in east-west direction	[m]
y	: coordinate in the local system, roughly in north-south direction	[m]
z	: depth below surface	[m]
$z_{\max}$	: max. penetration depth	[m]
z_w	: depth of the water level	[m]
h	: elevation above sea level	[m]
c_r	: mechanical resistance	[MPa]
θ	: volumetric water content	[%]
γ	: natural gamma activity	[counts per minute]
ϱ_b	: bulk density	[g/cm ³], [tons/m ³]
ϱ_m	: dry grain density	[g/cm ³], [tons/m ³]
ρ	: electrical resistivity	[Ω m]
CPT	: cone penetration test	
CPTe	: cone penetration test with electrical extension	

