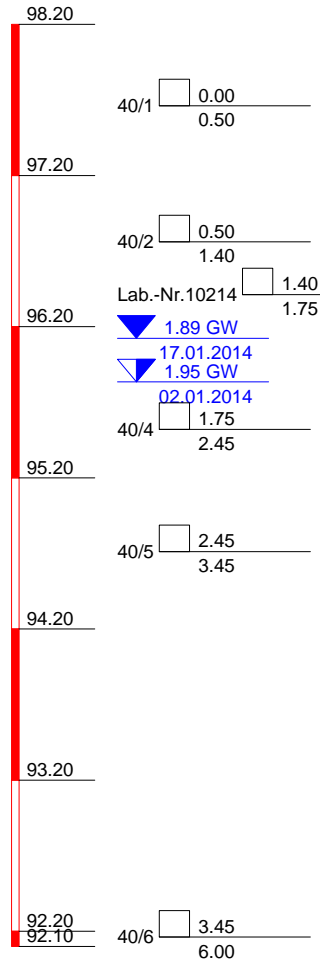


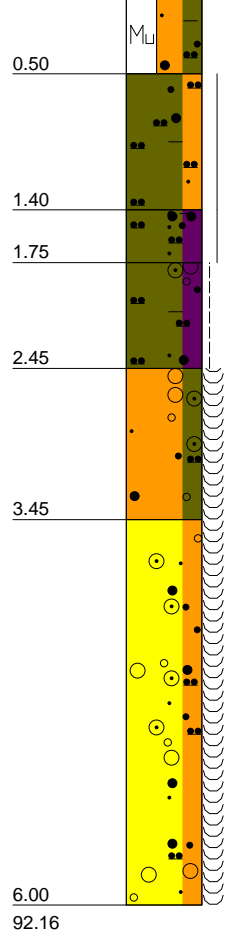
NHN+m

## RKS 40/13

Sondierdatum: 02.01.2014



▽ NHN+98.16m



Mutterboden (Fein- bis Mittelsand, schluffig, schwach tonig, Pflanzen- und Wurzelreste, Schlufflinsen), schwach feucht, (OU), braun-grau

Schluff, feinsandig, schwach tonig, Wurzelreste, kalkfrei, schwach feucht, halbfest, (TM), braun-grau

Schluff, stark tonig, schwach mittelsandig bis schwach feinsandig, kalkfrei, schwach feucht, halbfest, (UA), tonige Schlufflinsen, grau-braun

Schluff, tonig, feinsandig, schwach feinkiesig, kalkfrei, schwach feucht bis feucht, steif, (TM), nasse Feinsandlinsen, hellgrau-hellbraun

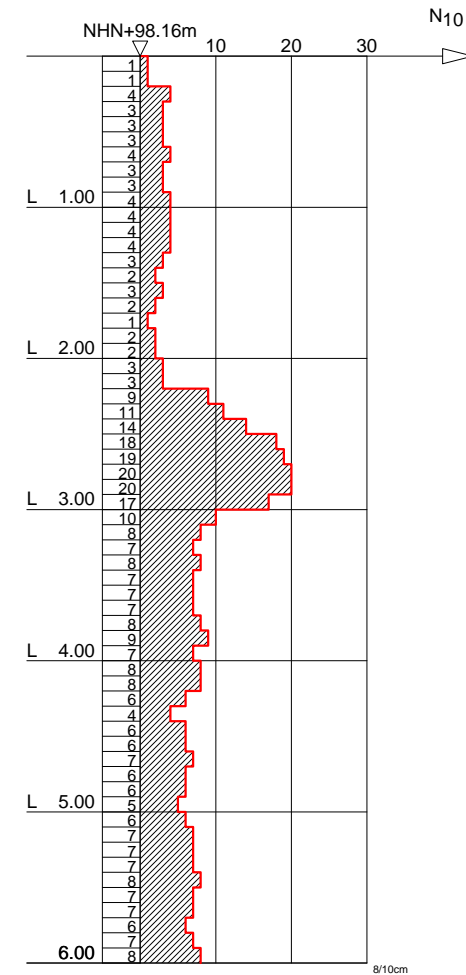
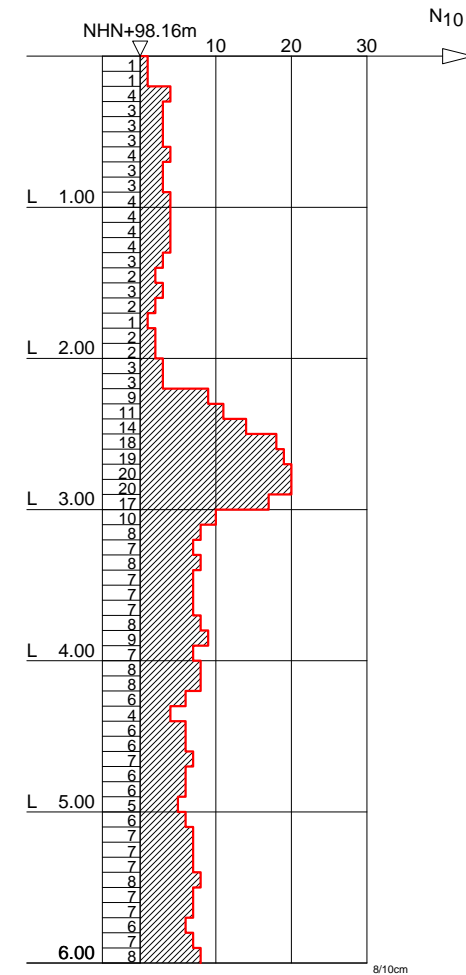
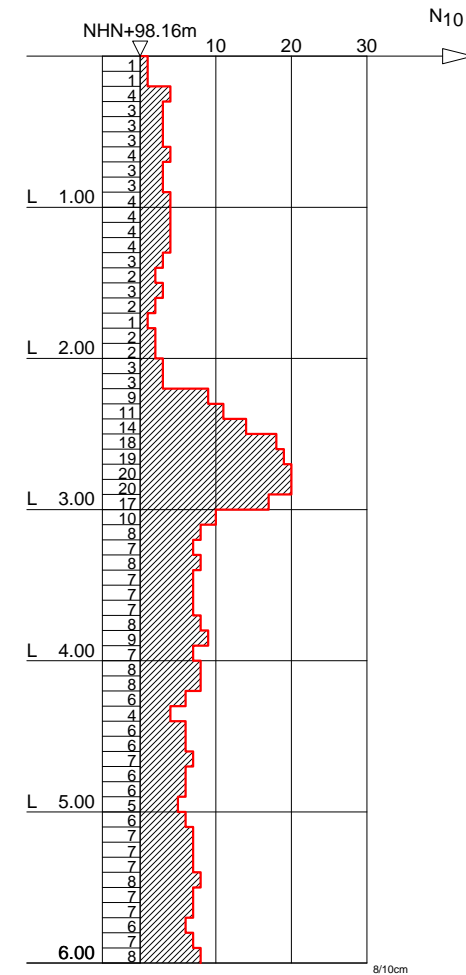
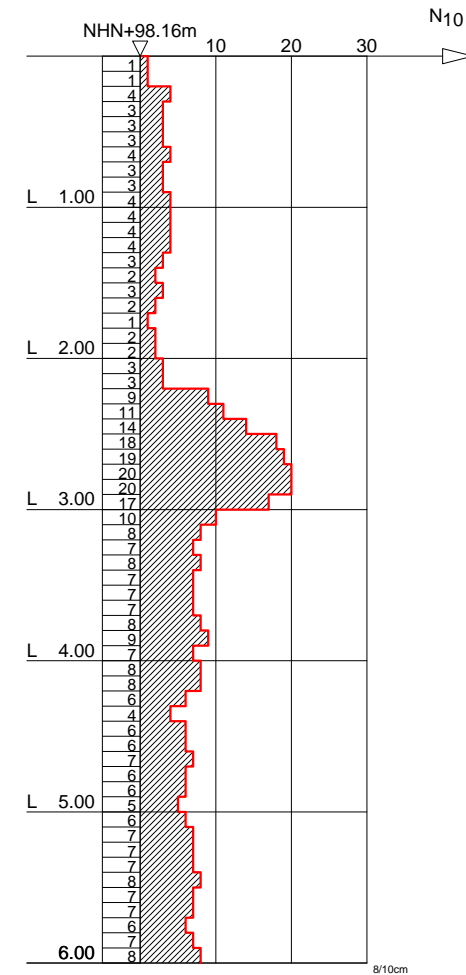
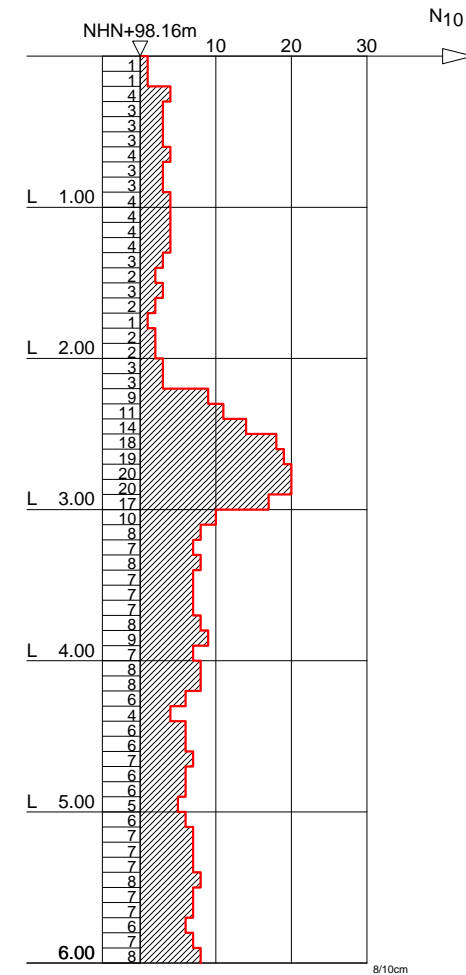
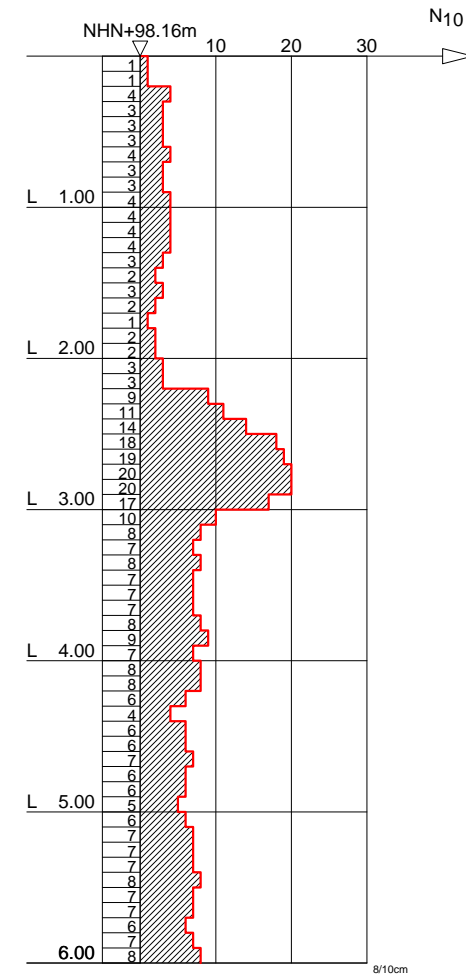
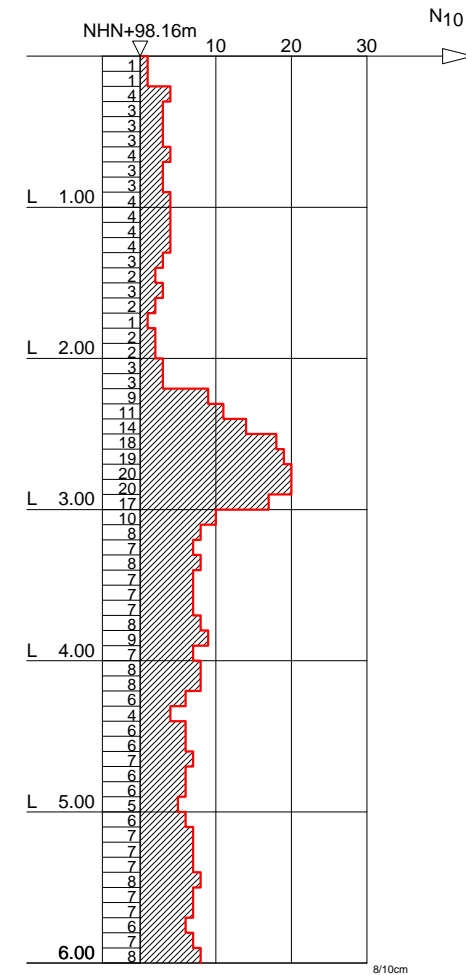
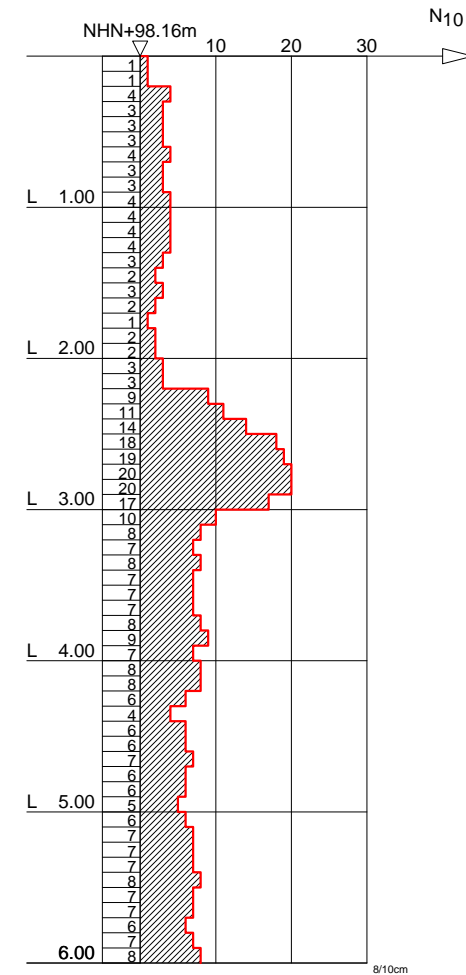
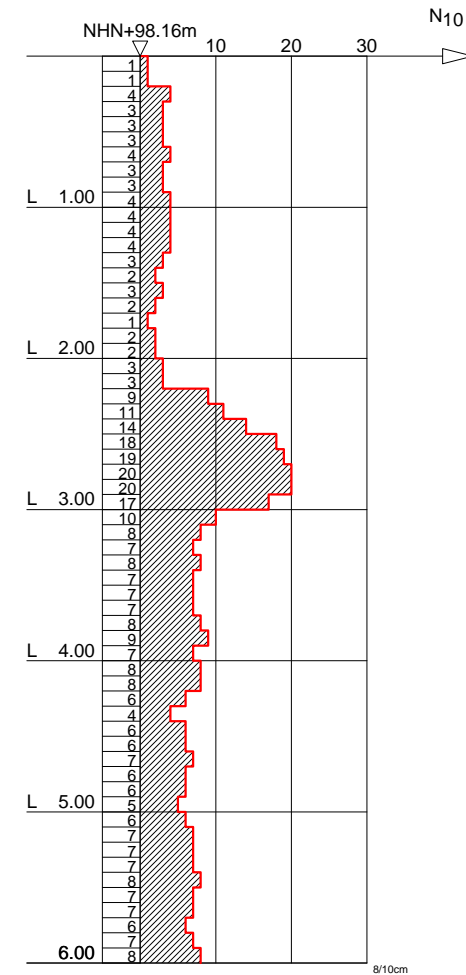
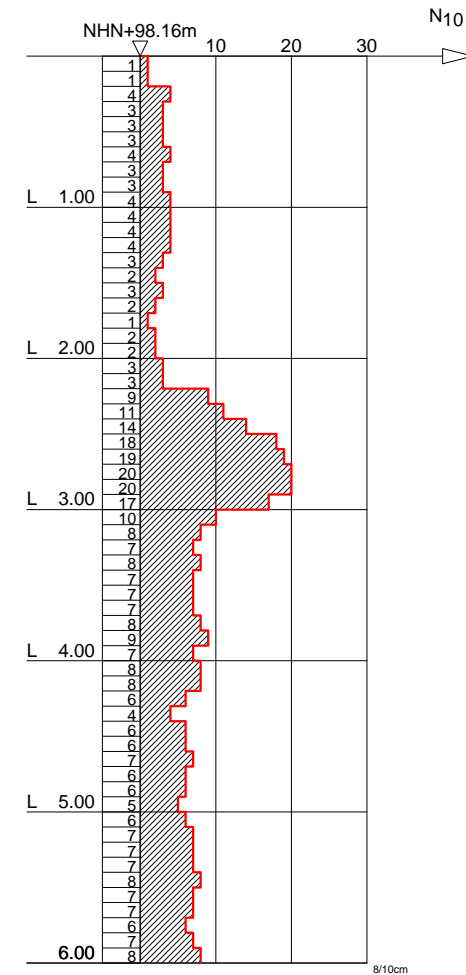
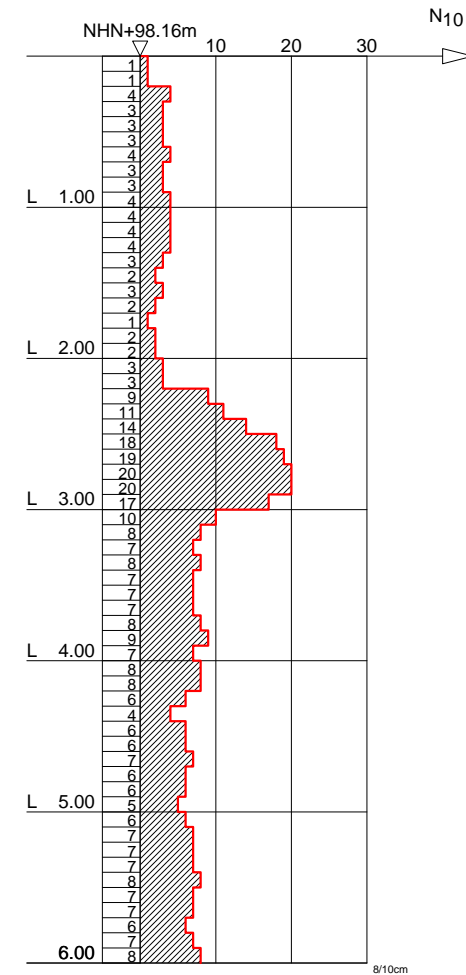
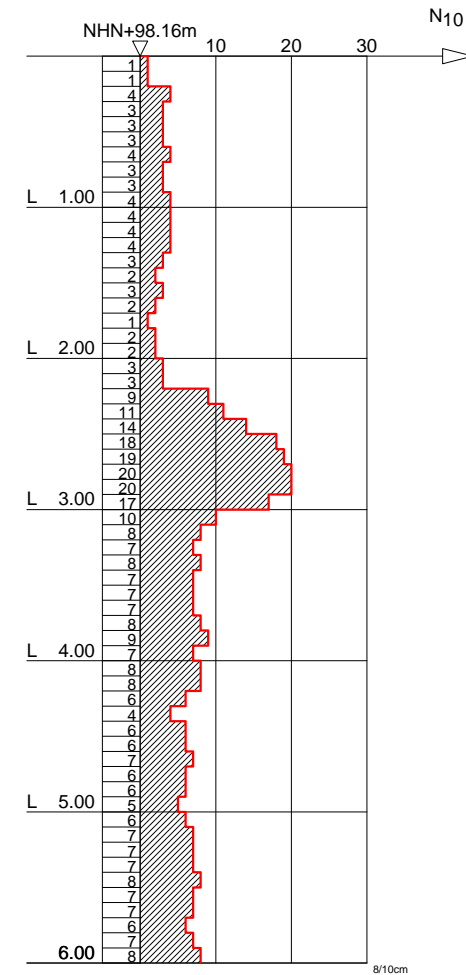
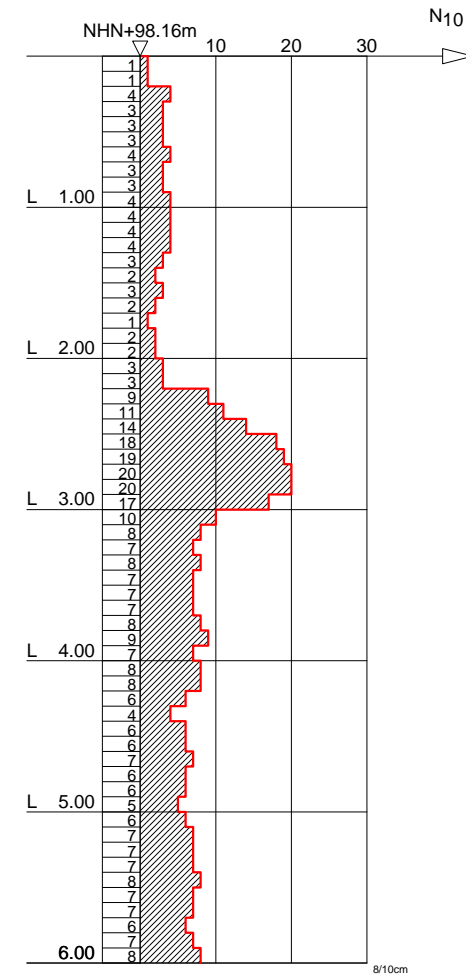
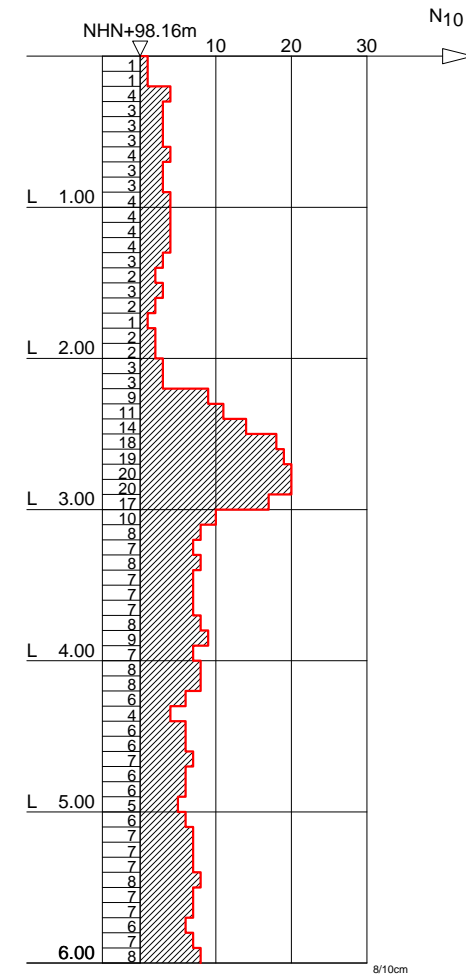
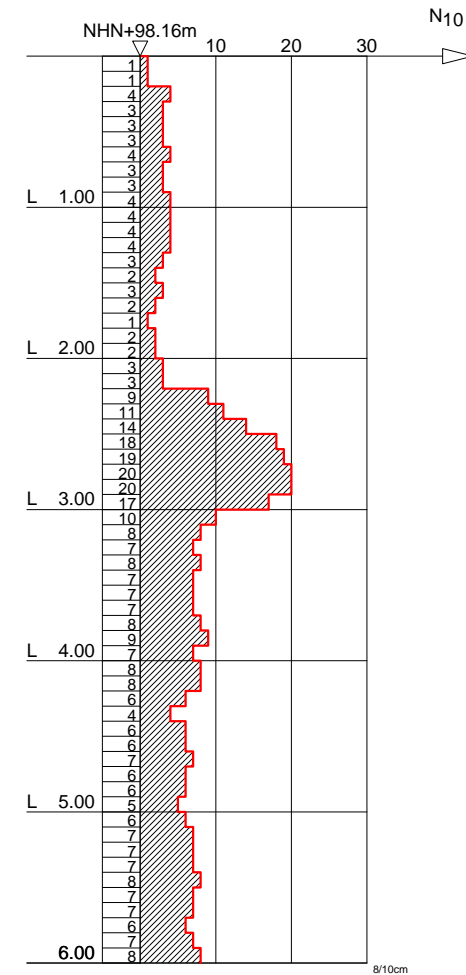
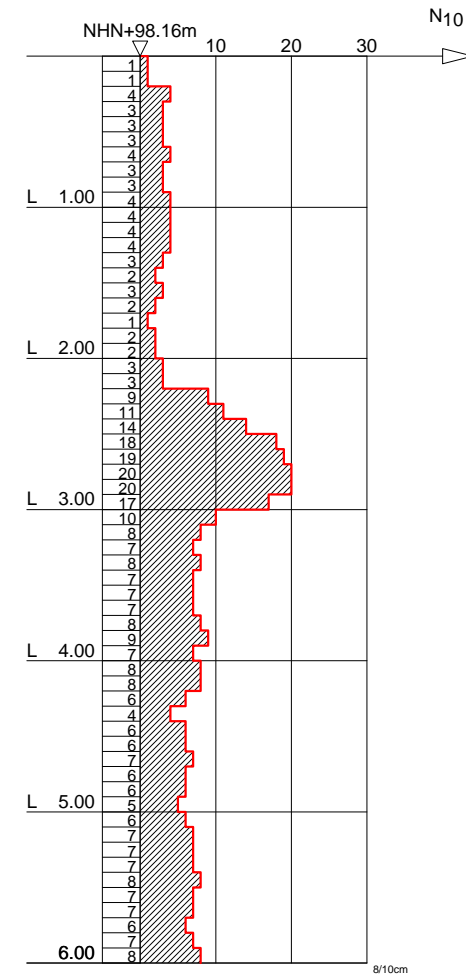
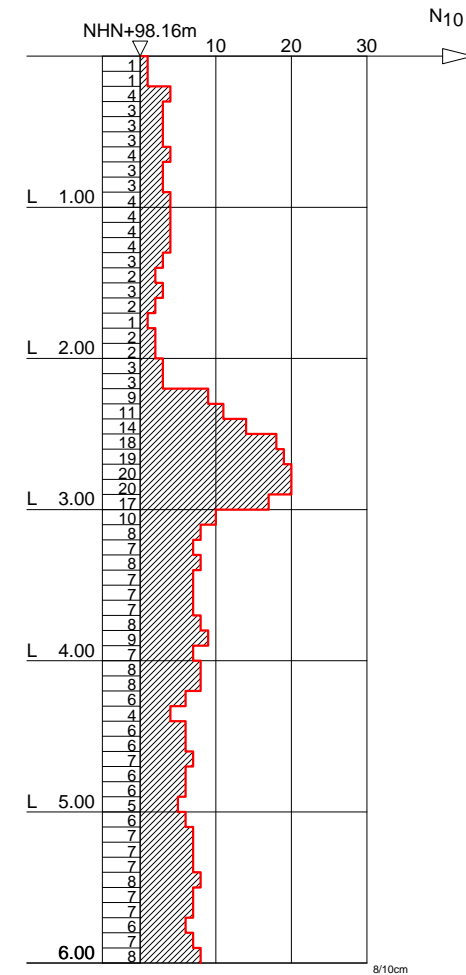
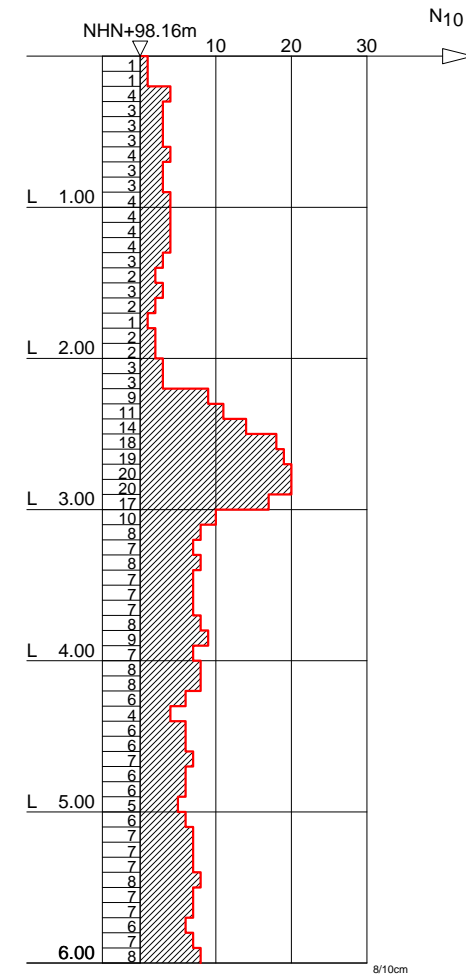
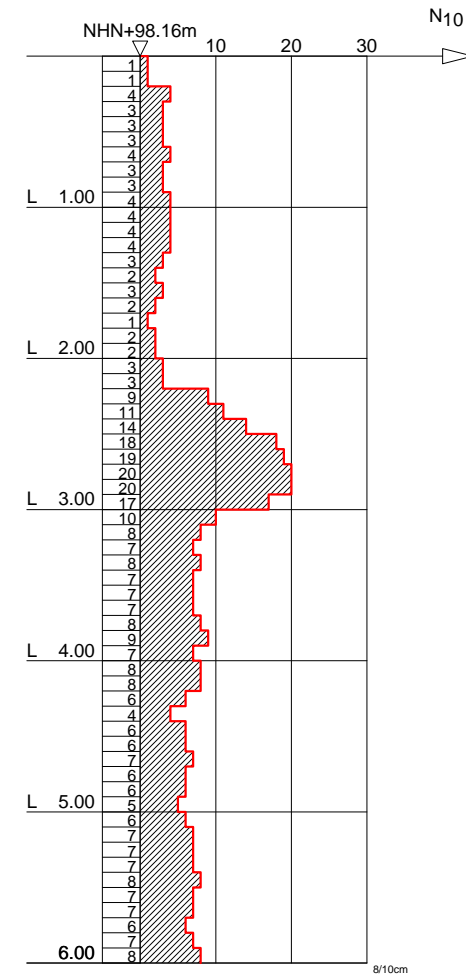
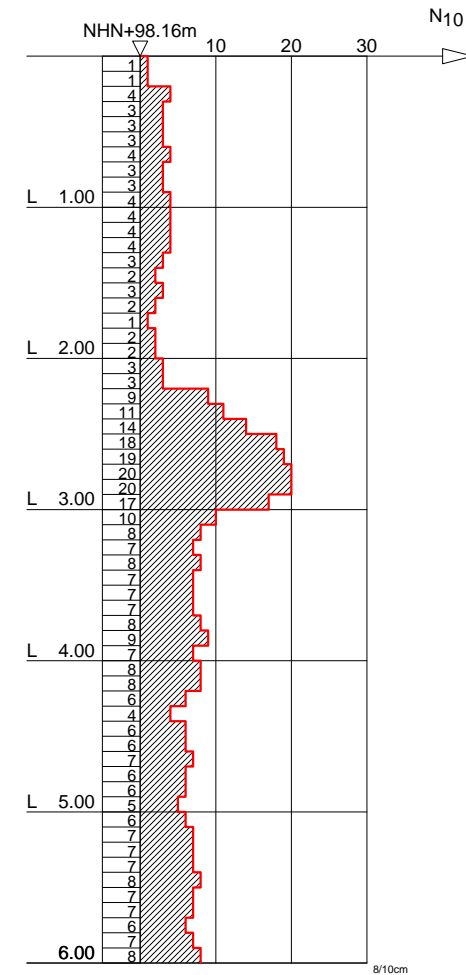
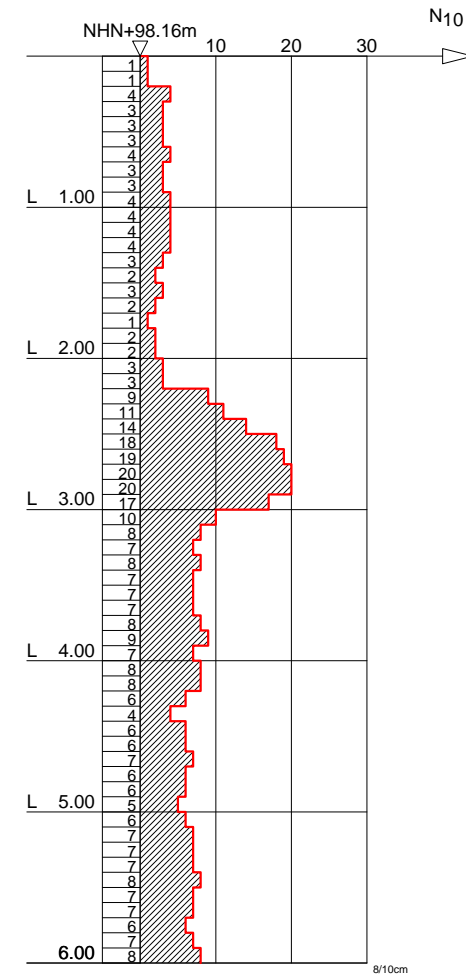
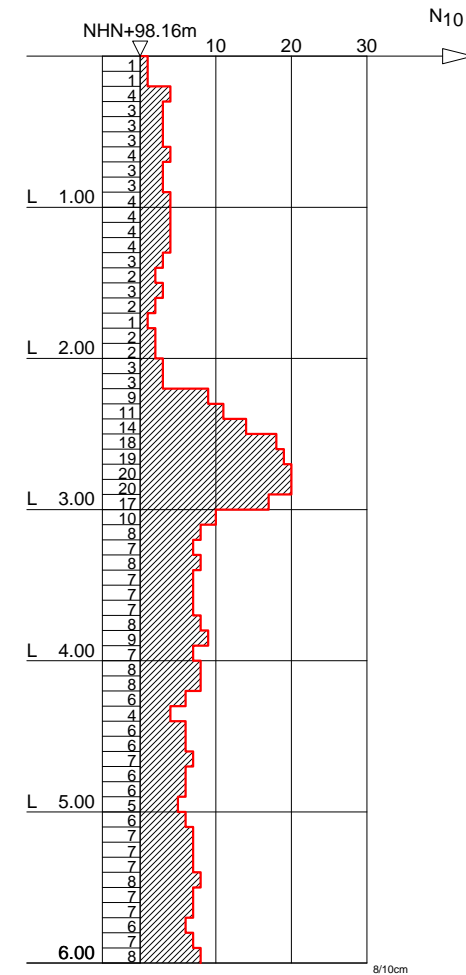
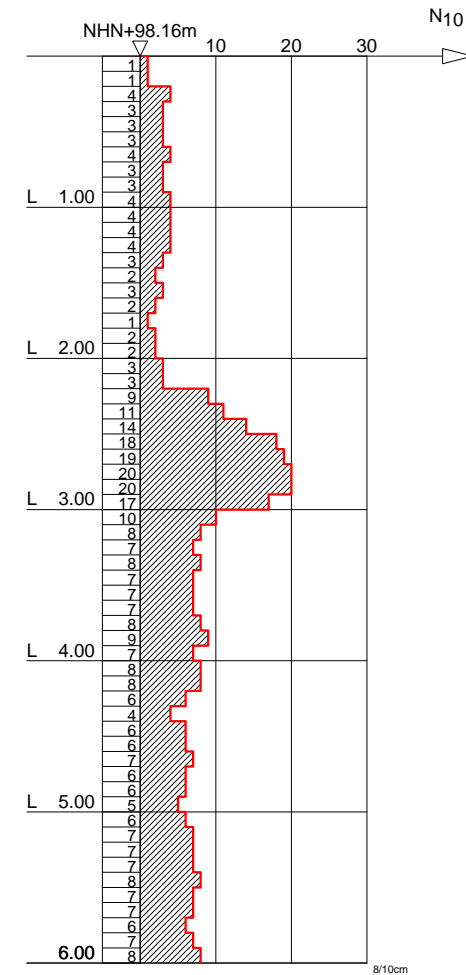
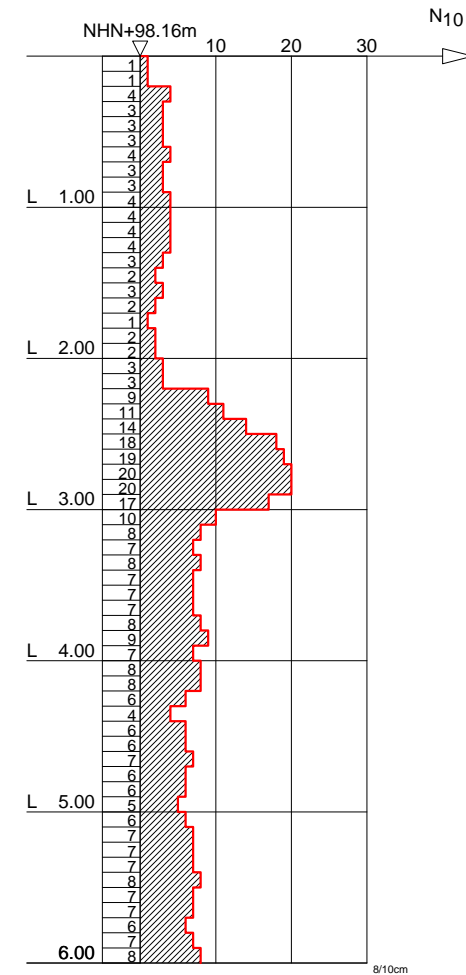
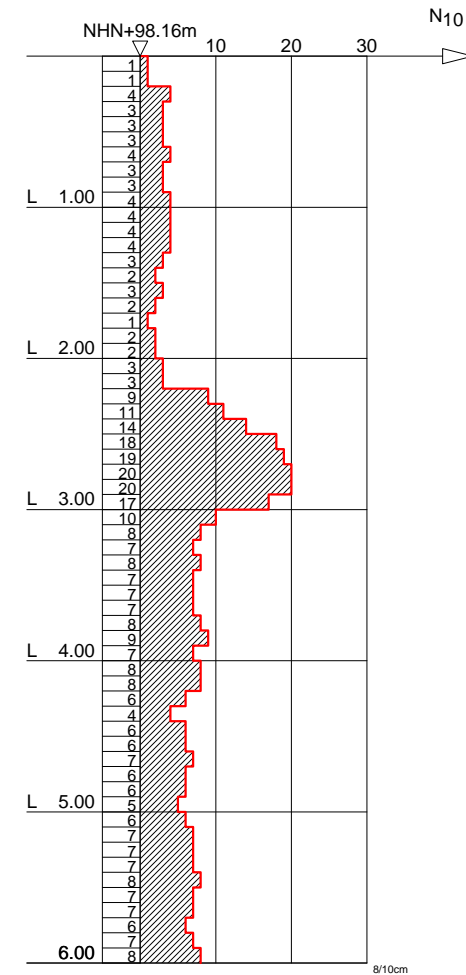
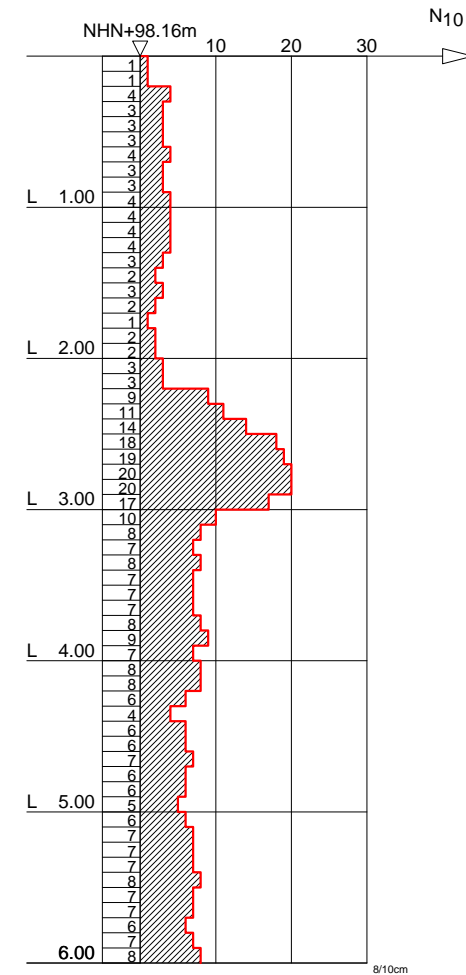
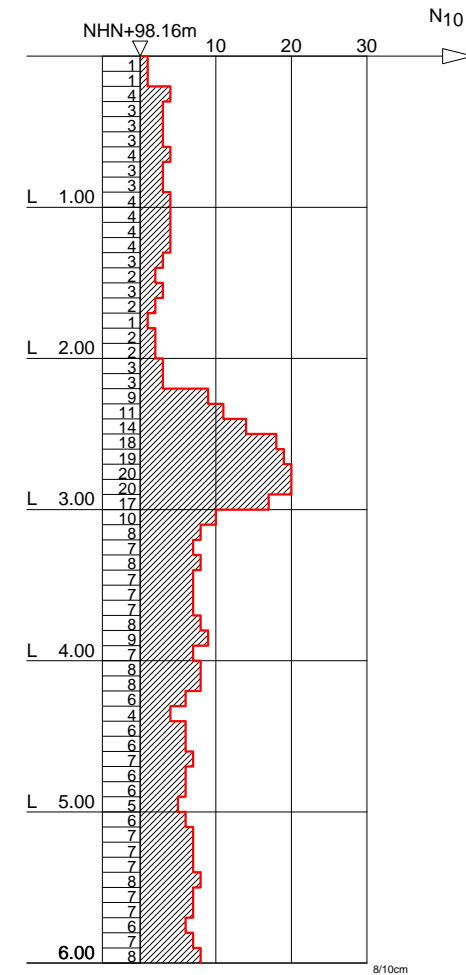
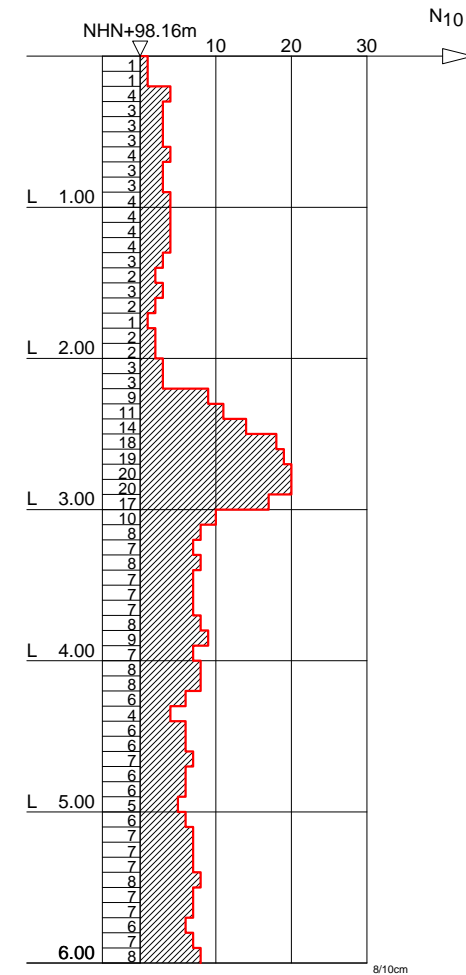
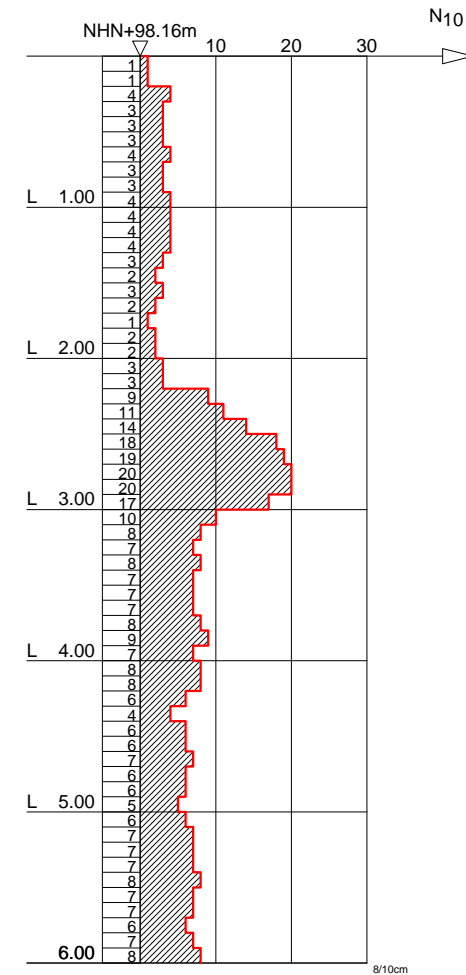
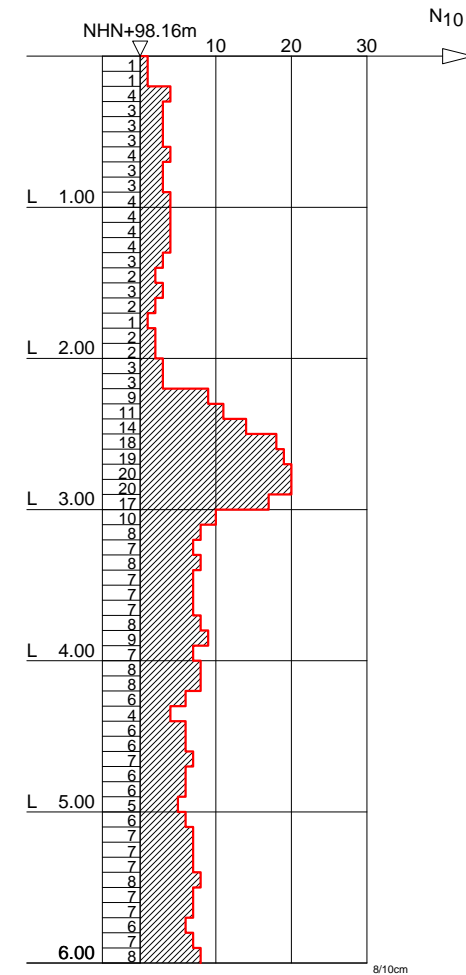
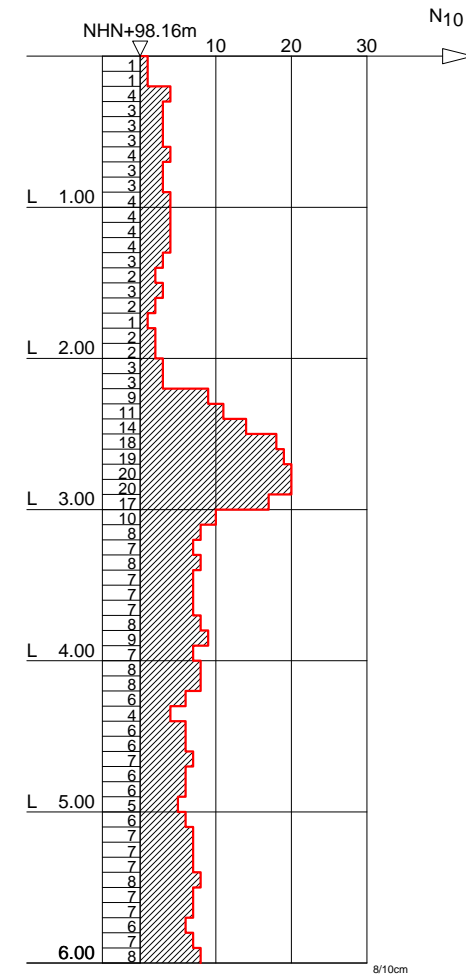
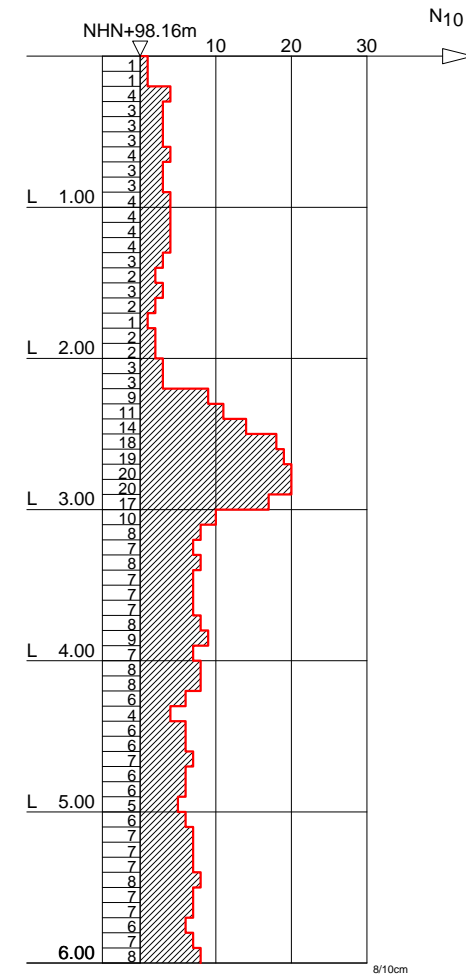
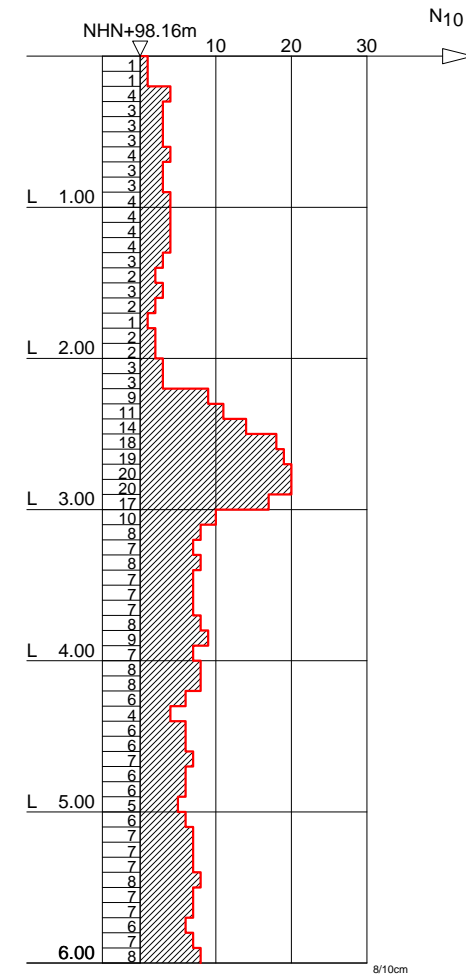
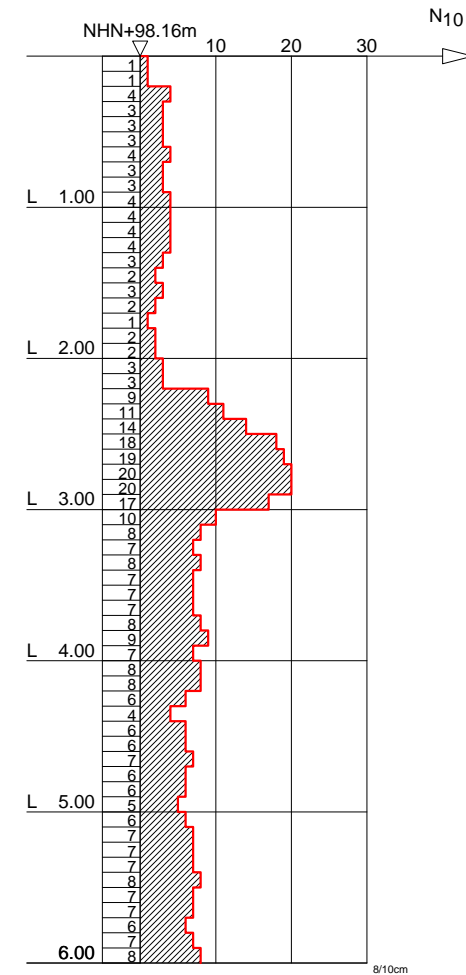
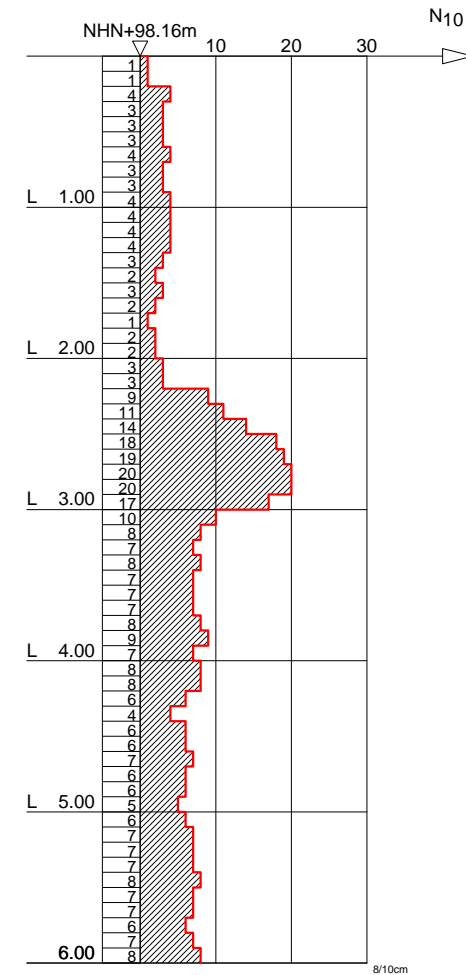
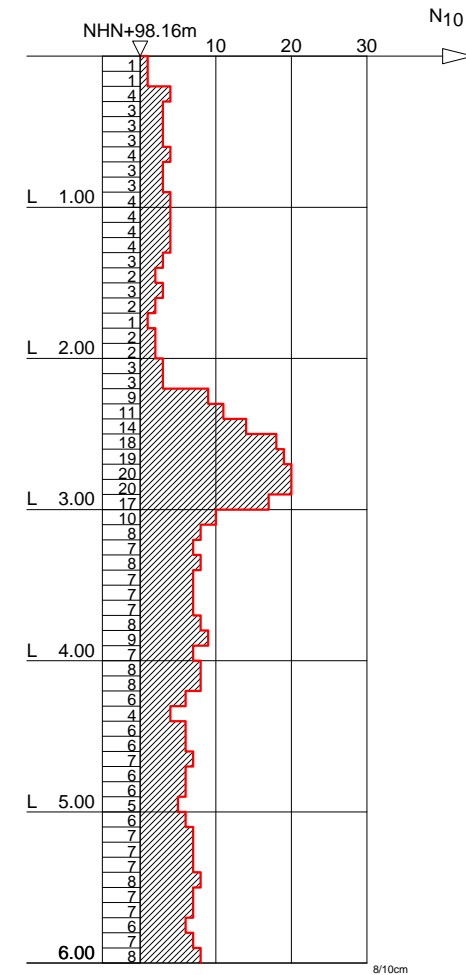
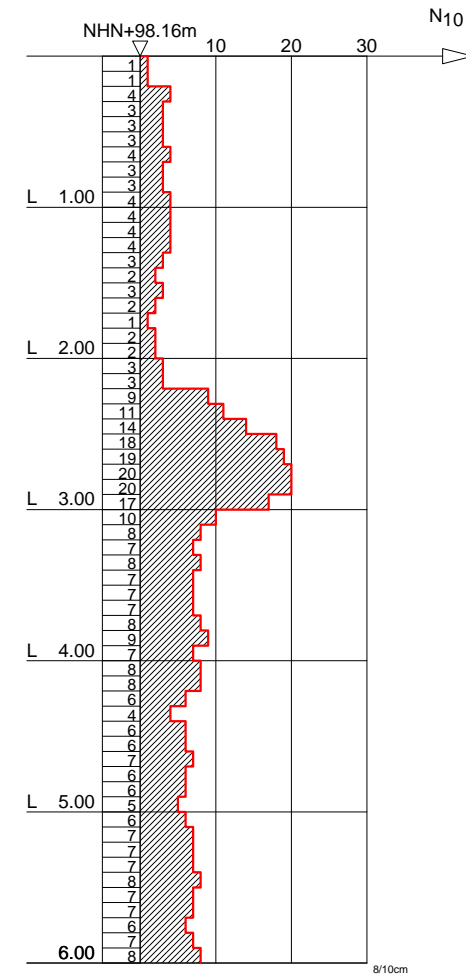
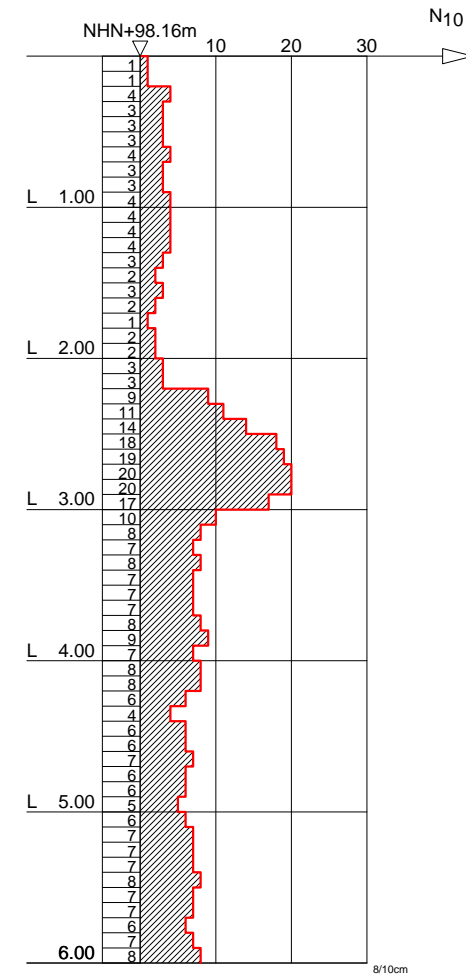
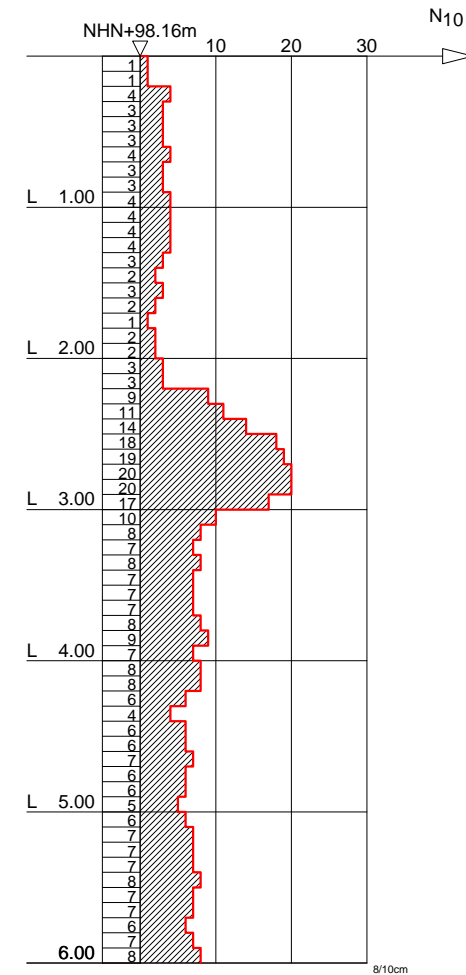
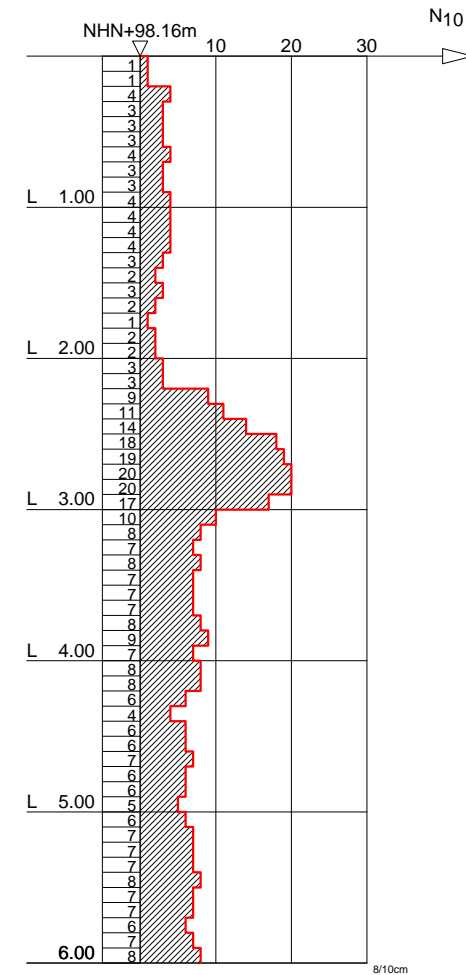
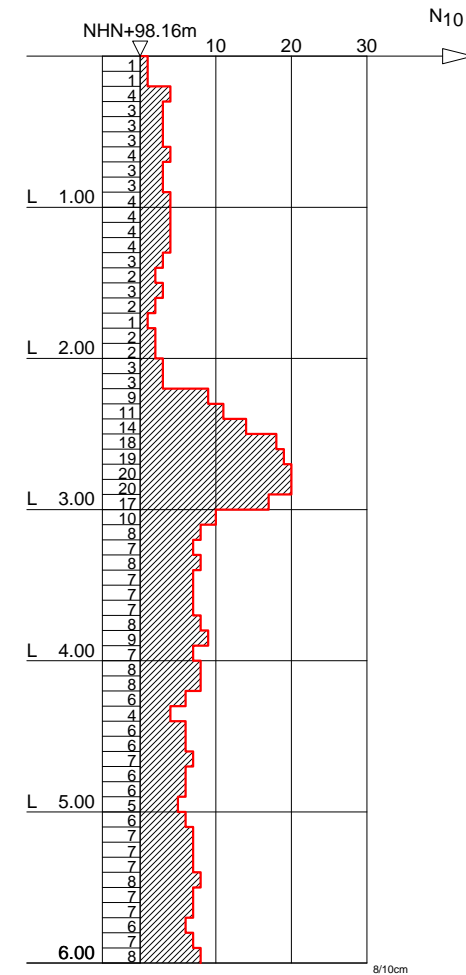
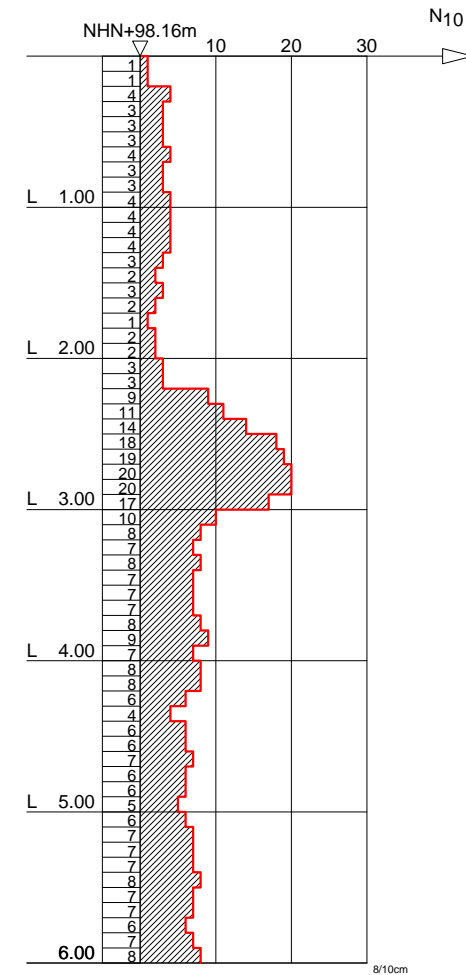
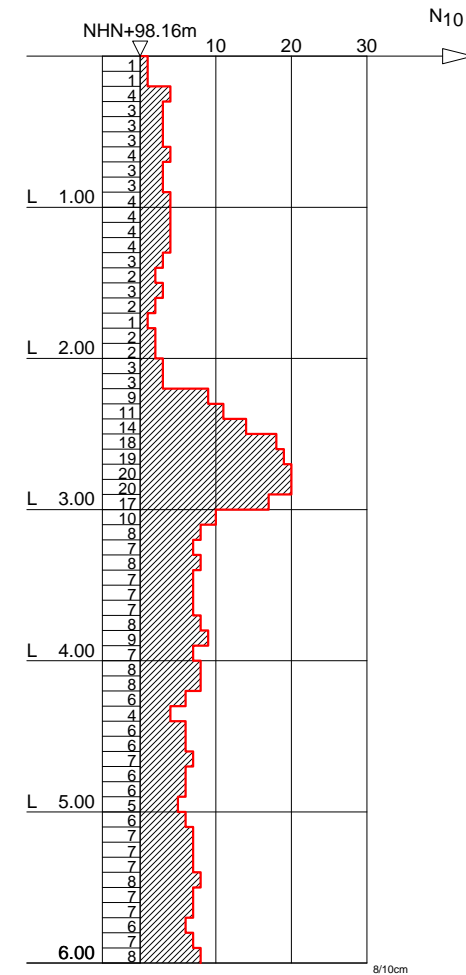
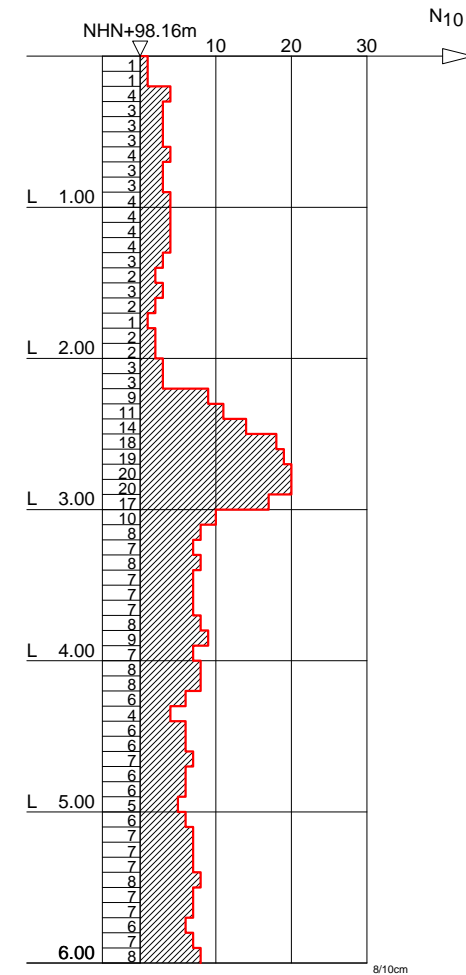
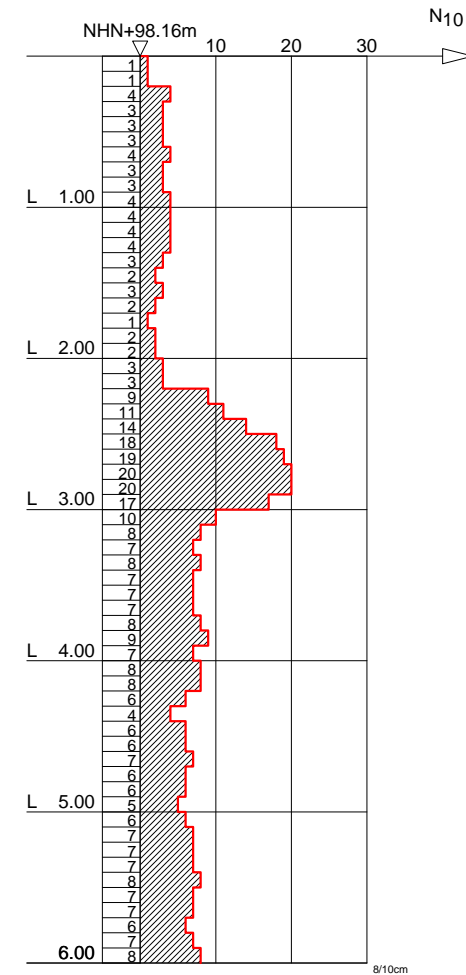
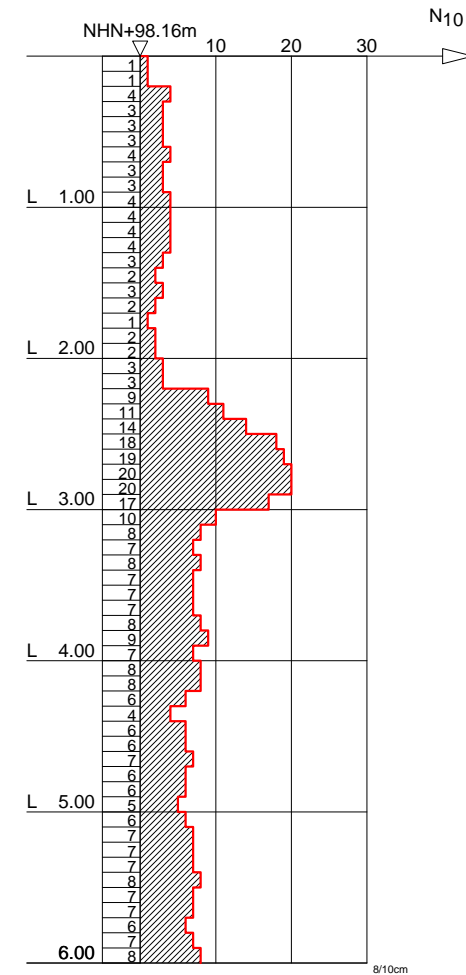
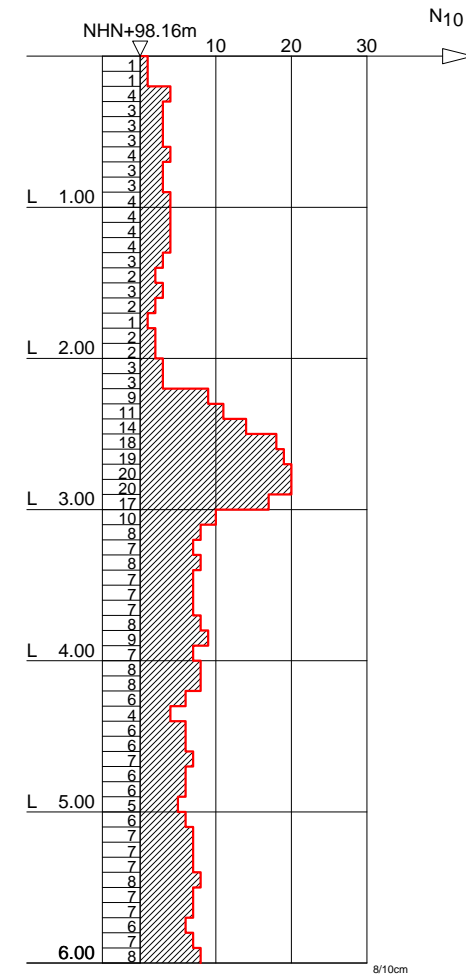
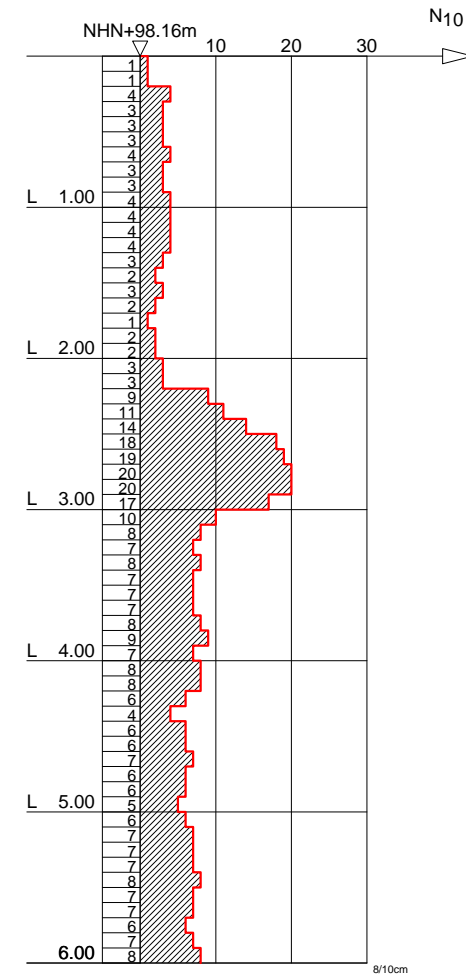
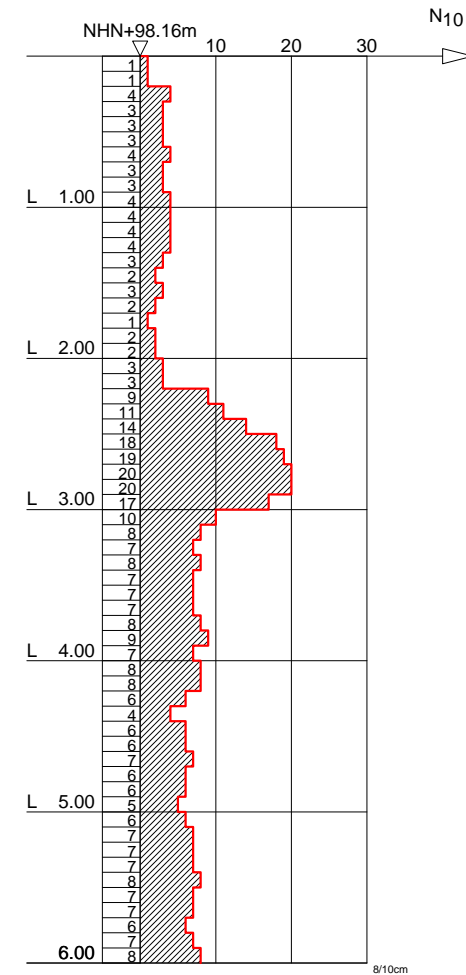
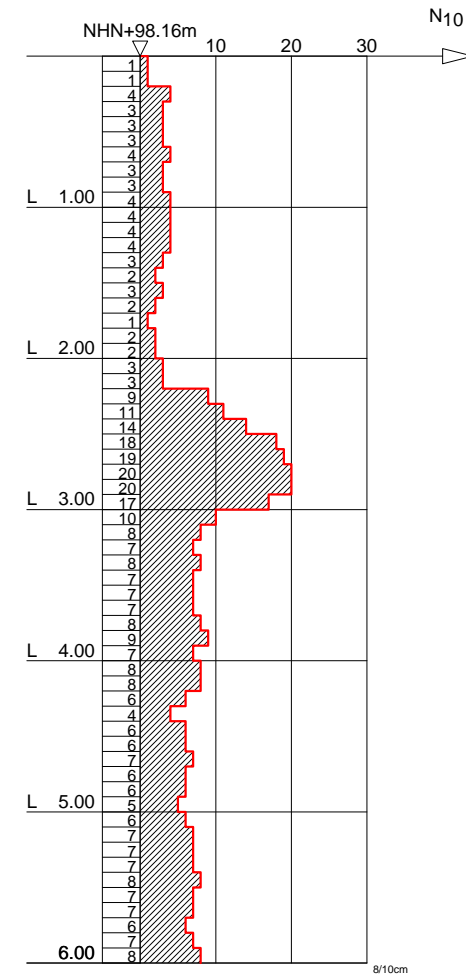
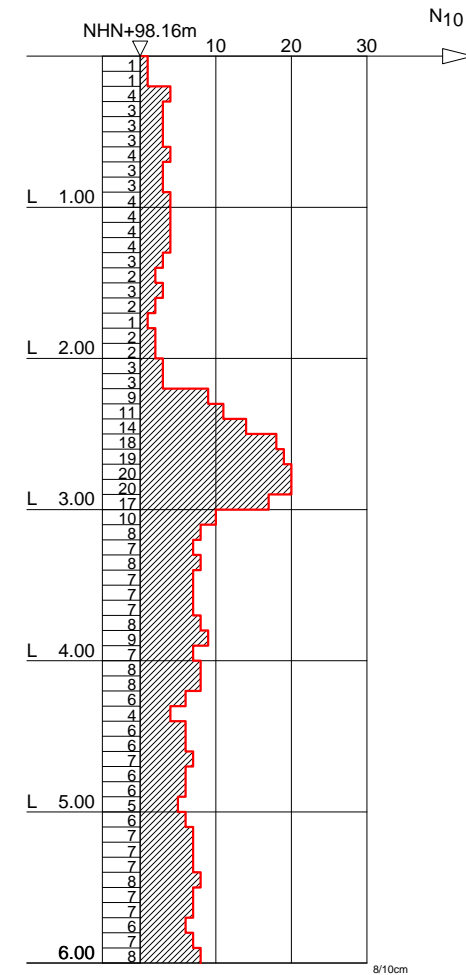
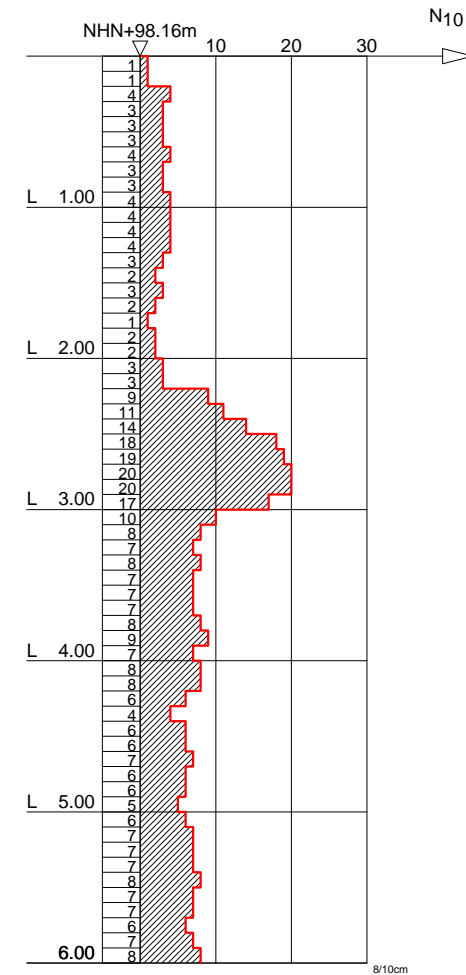
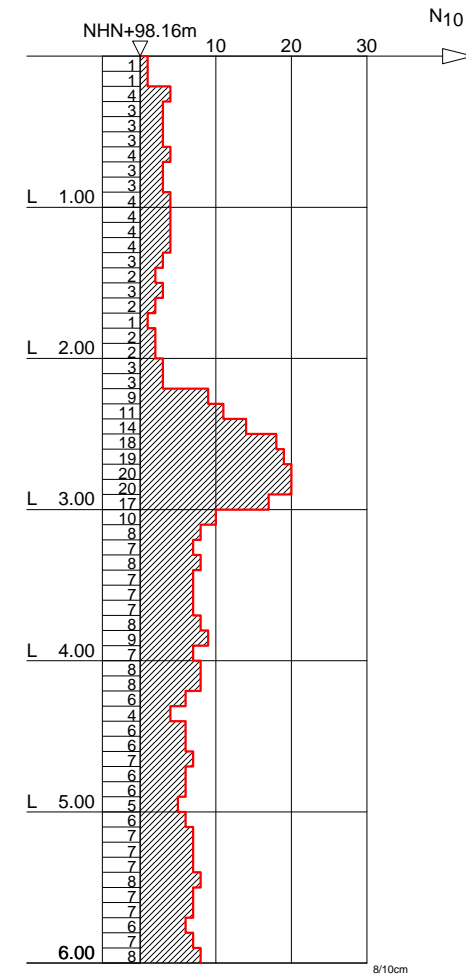
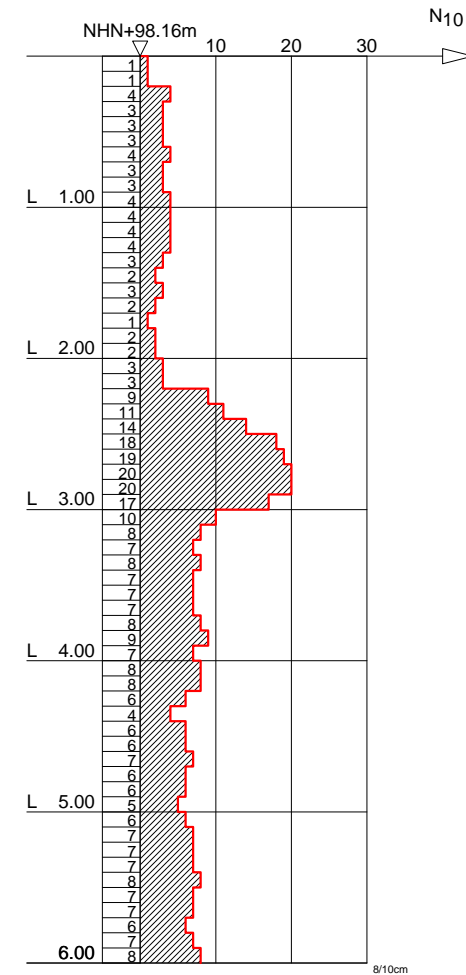
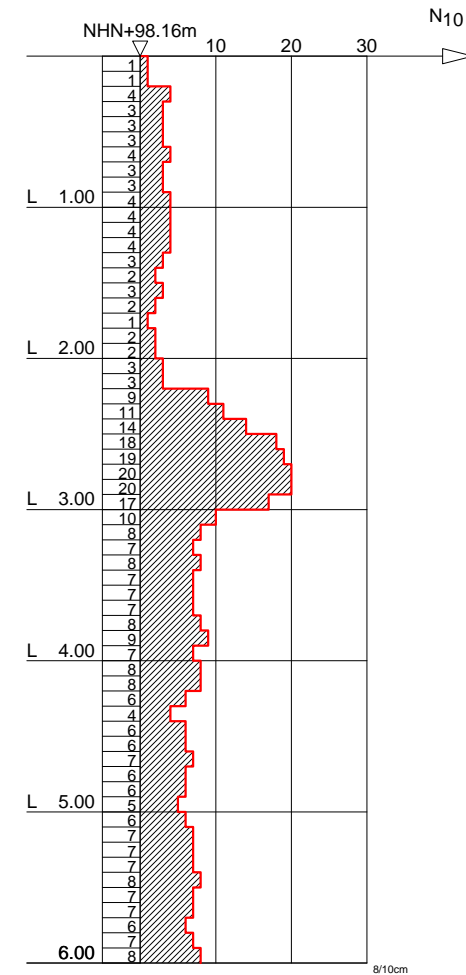
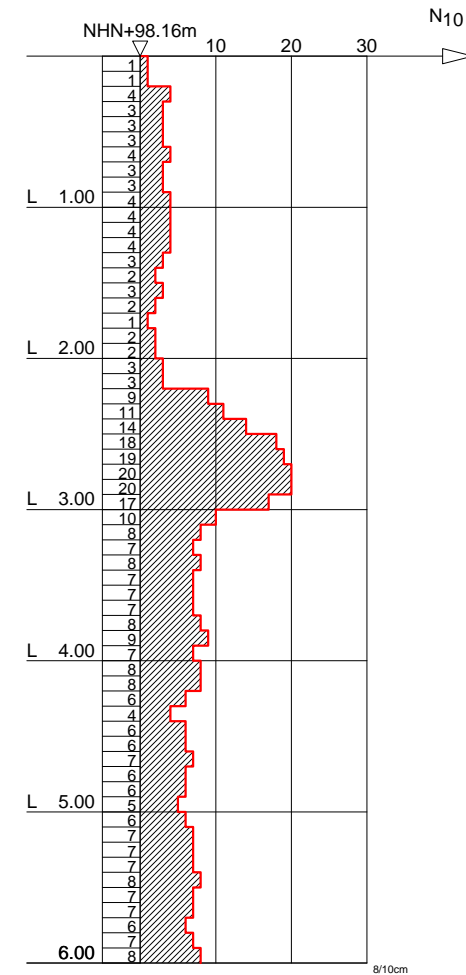
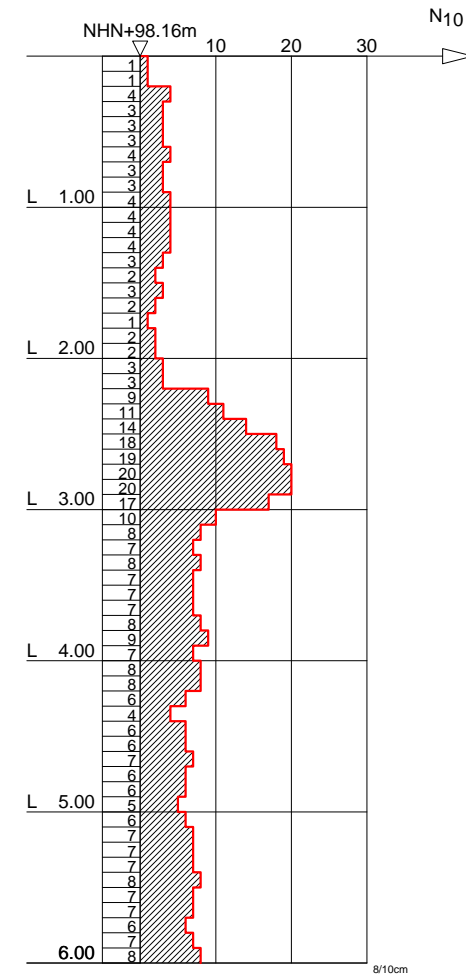
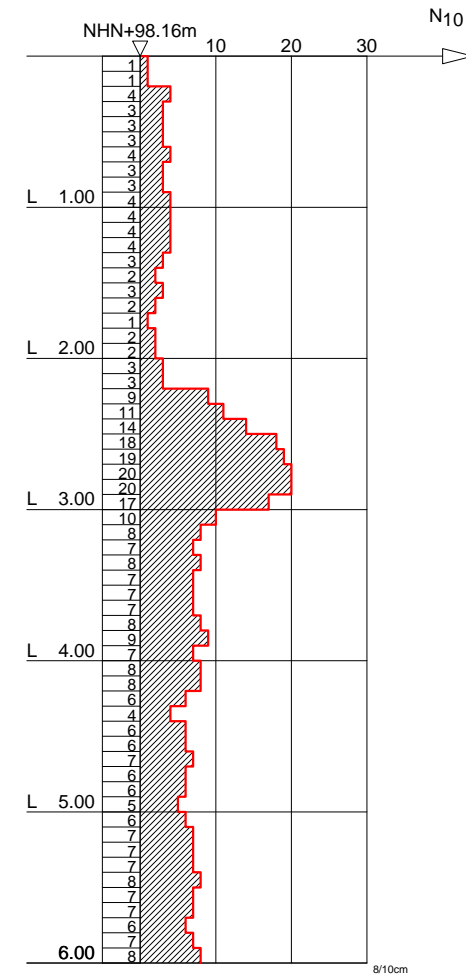
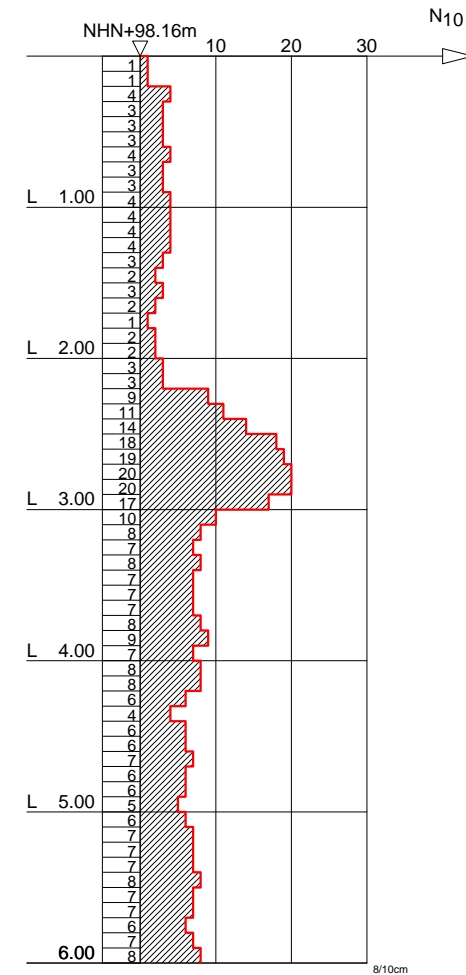
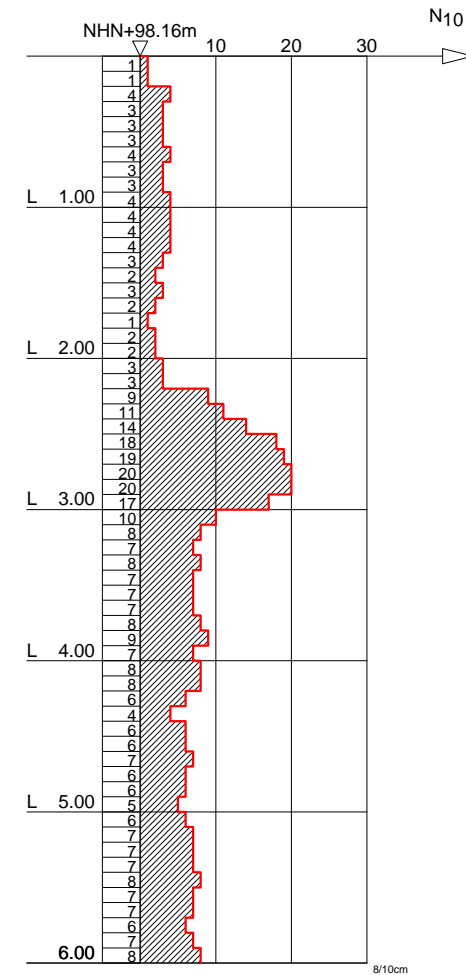
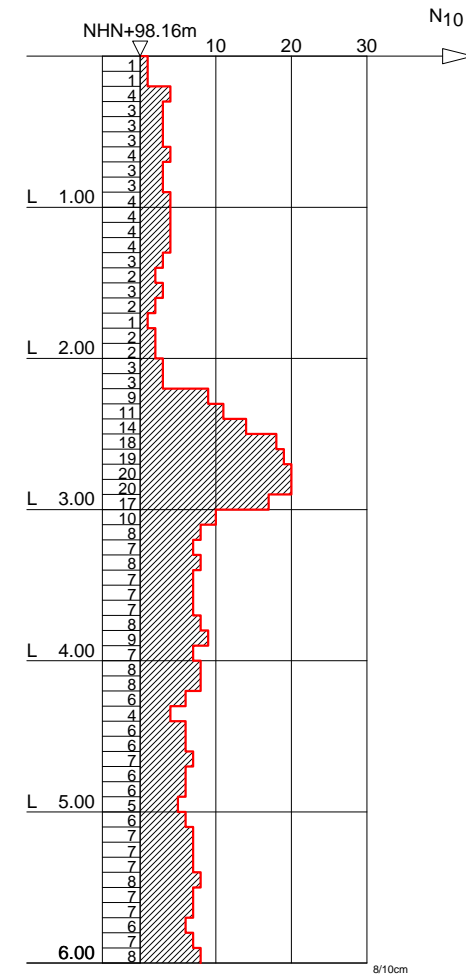
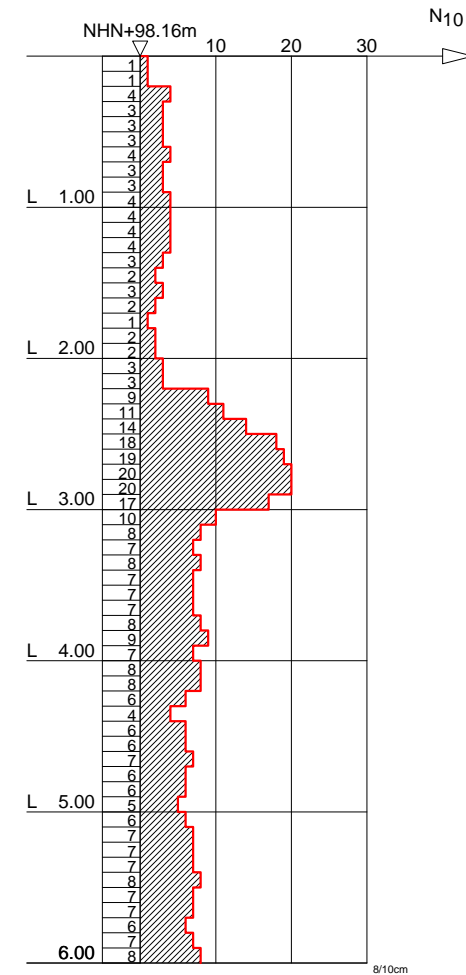
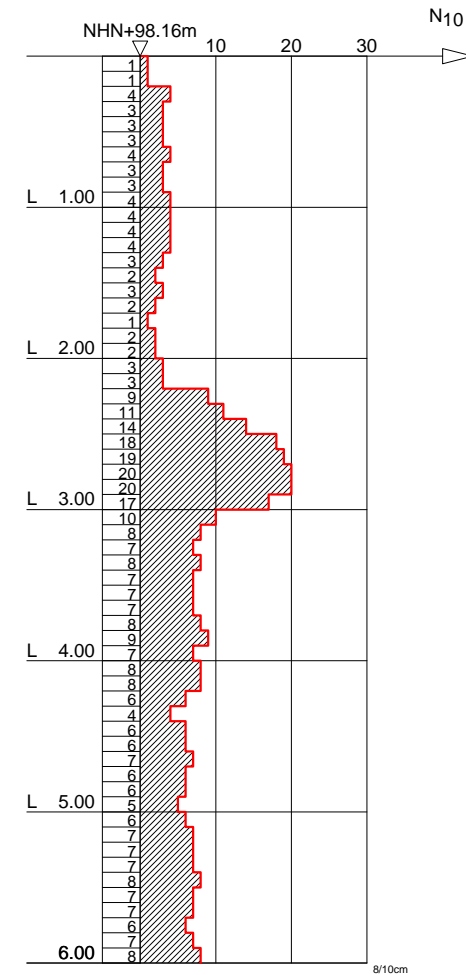
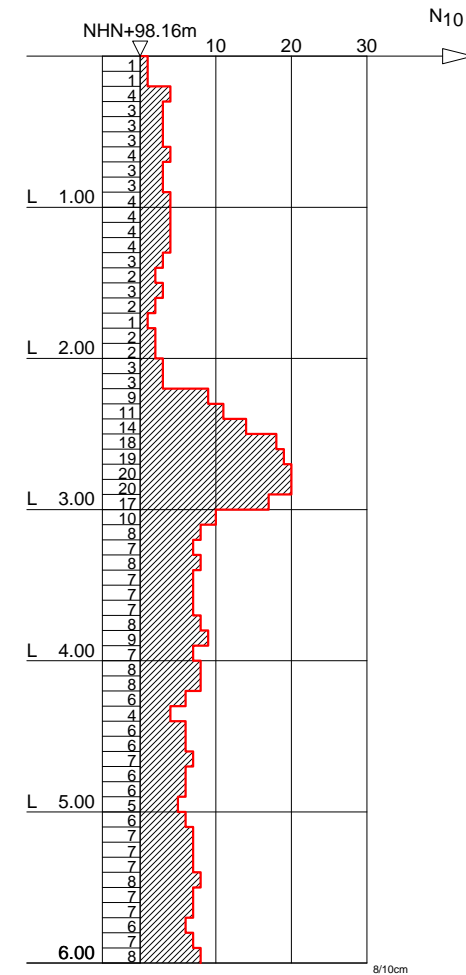
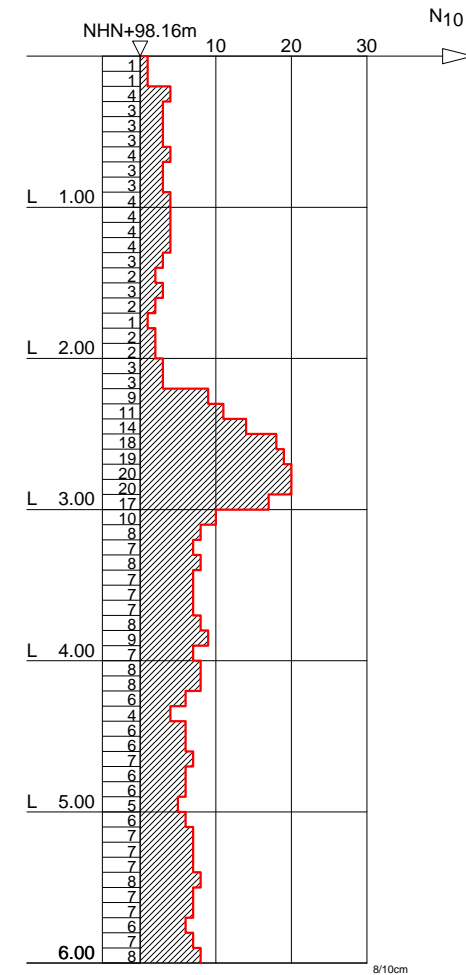
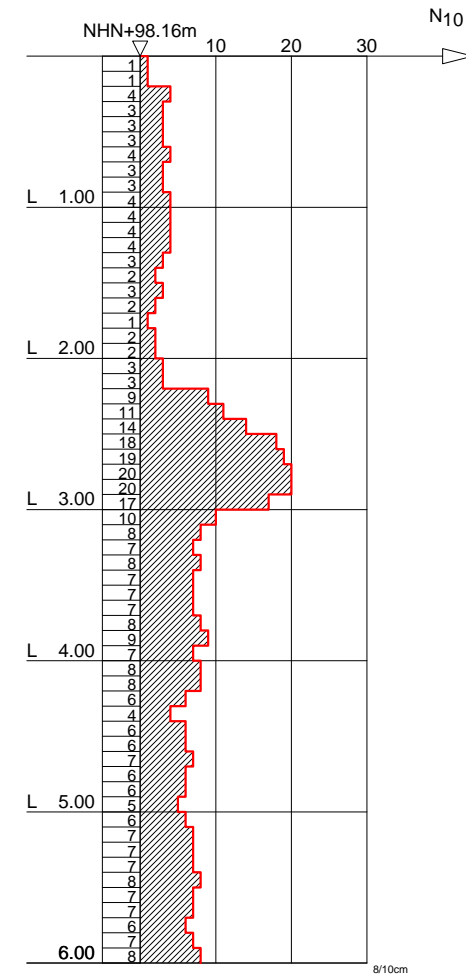
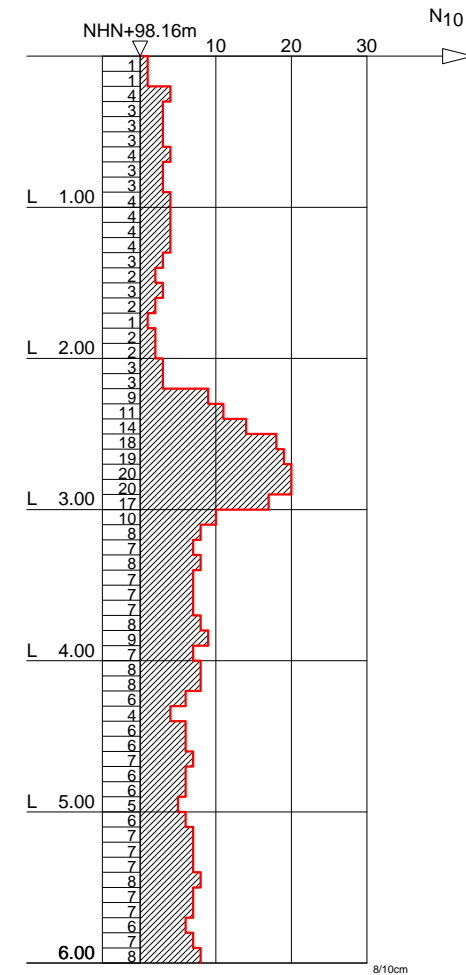
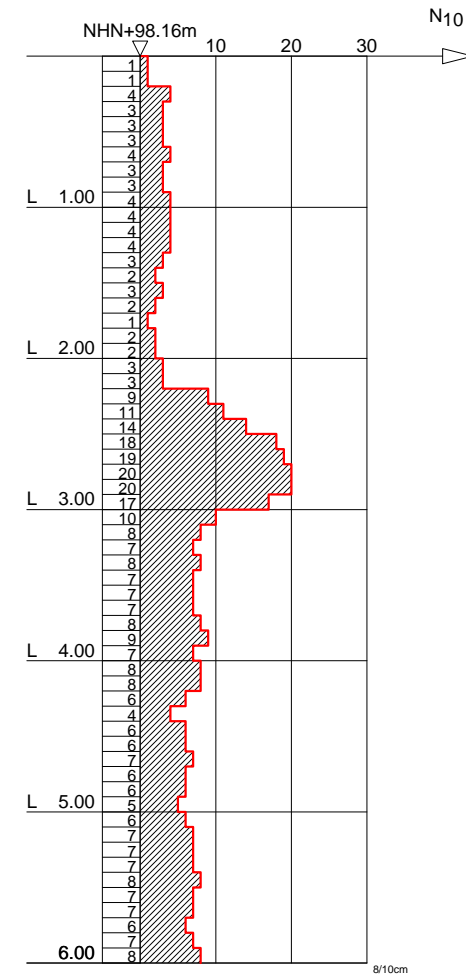
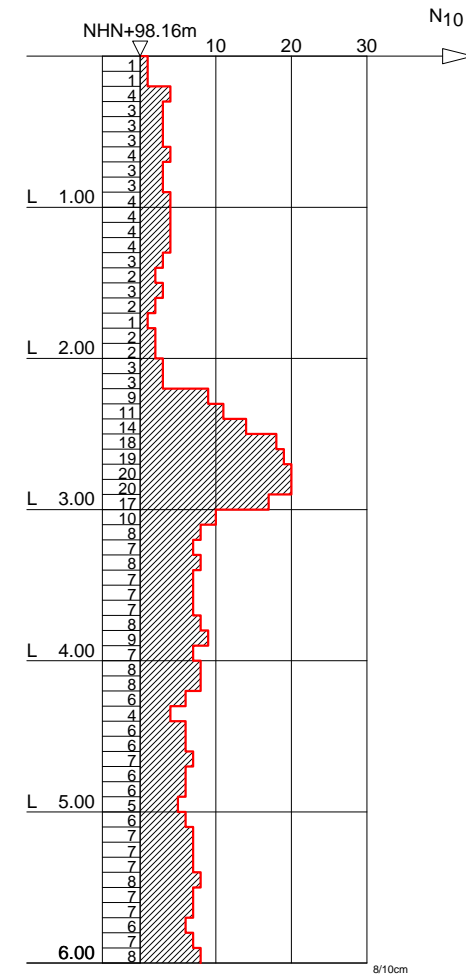
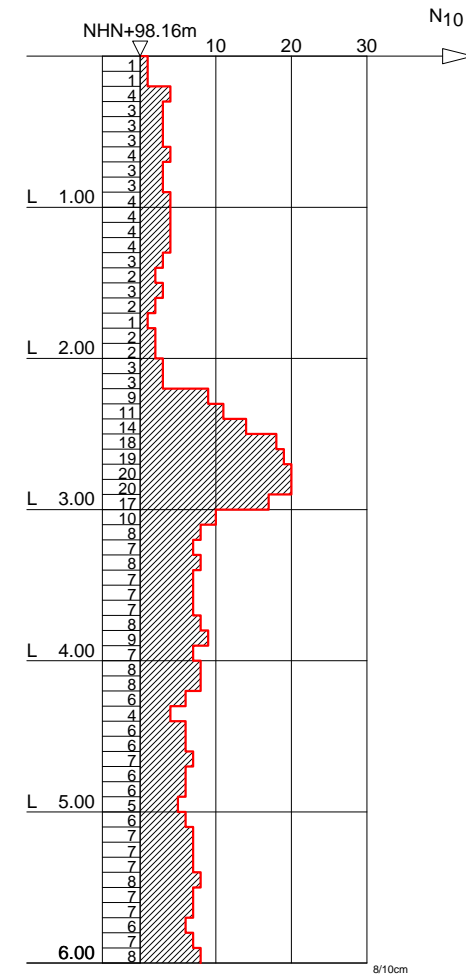
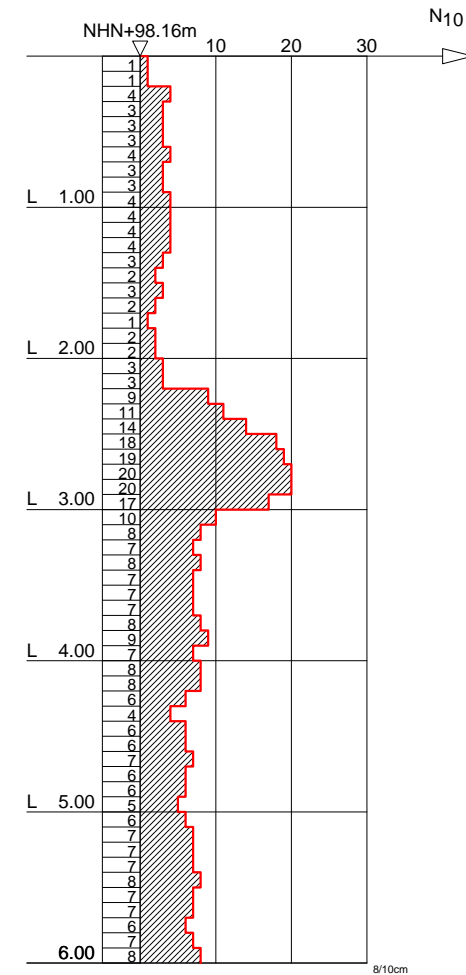
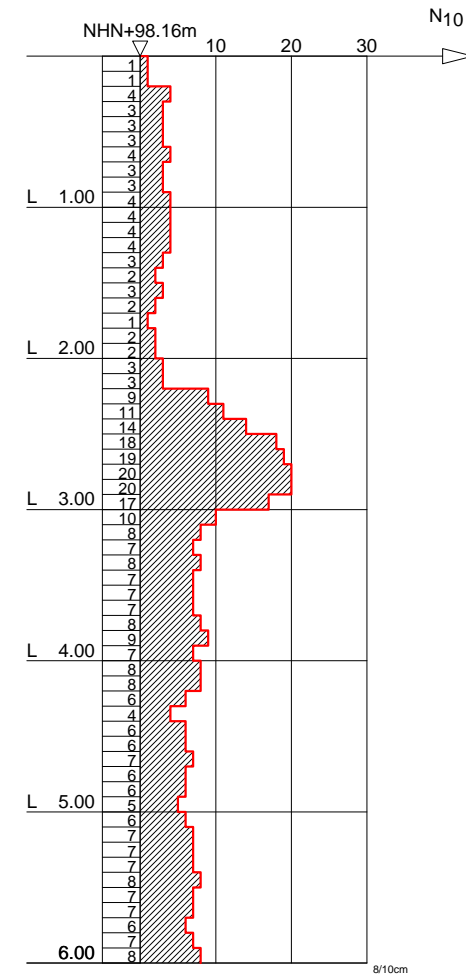
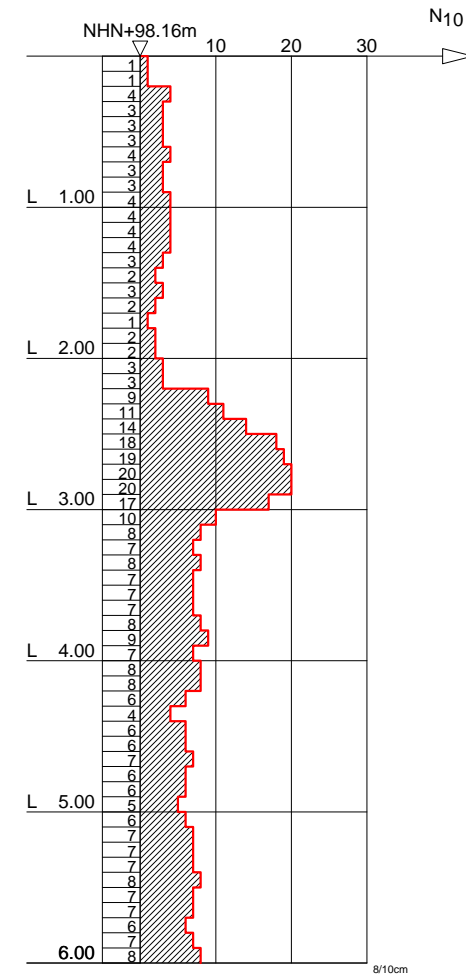
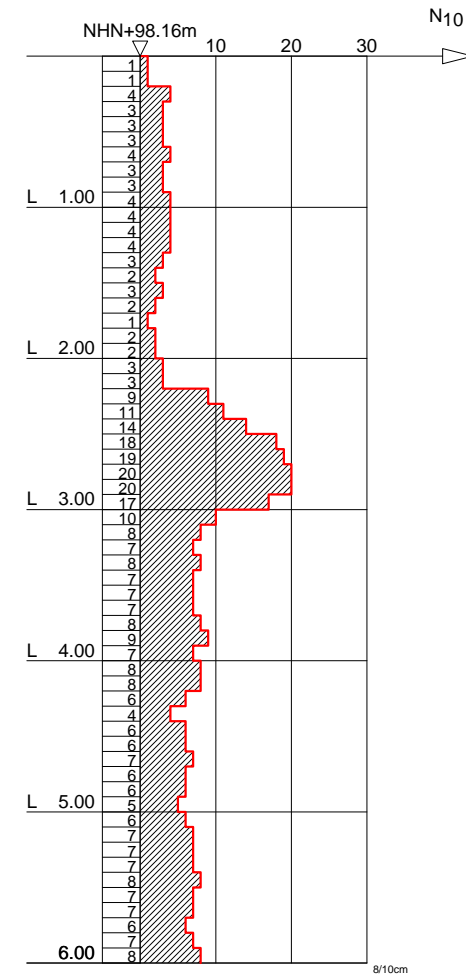
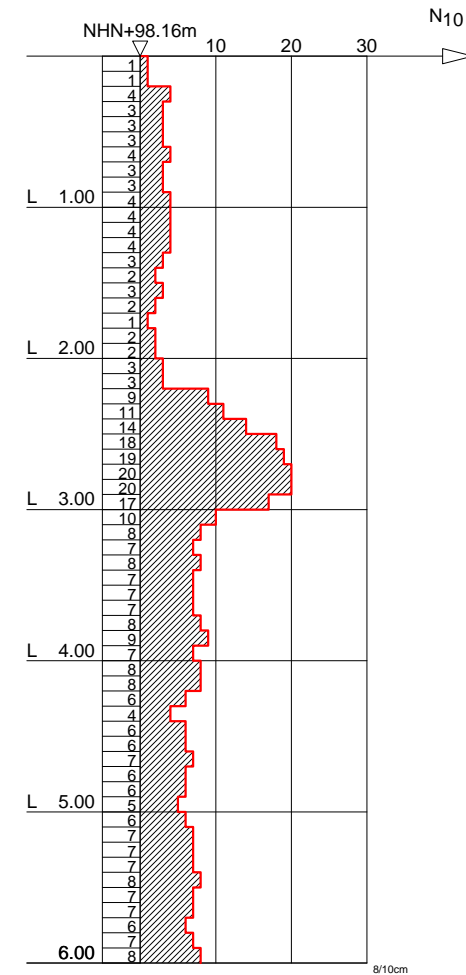
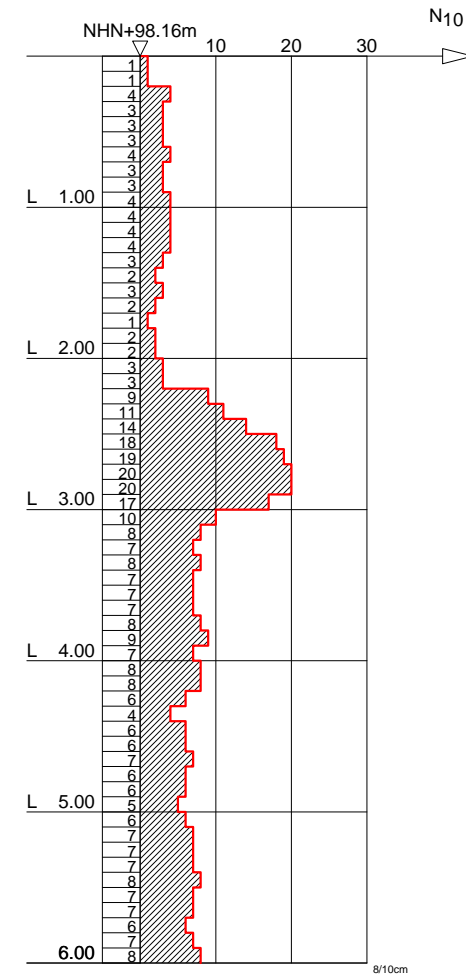
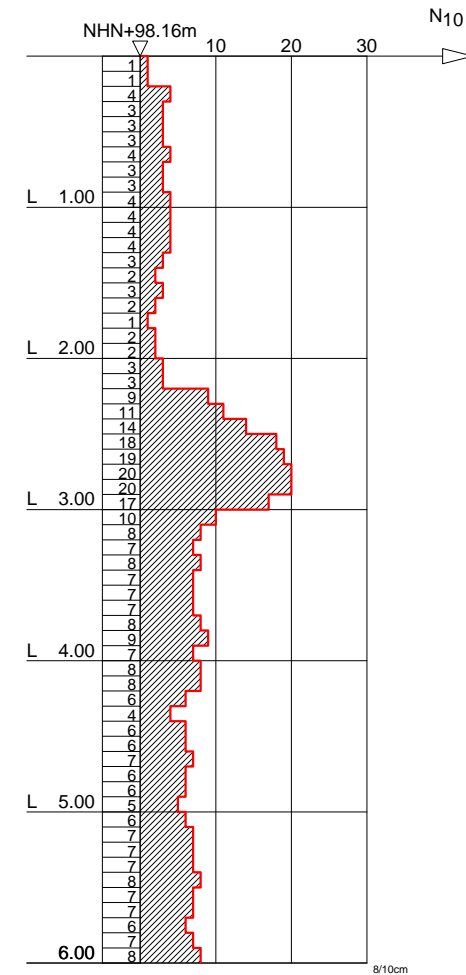
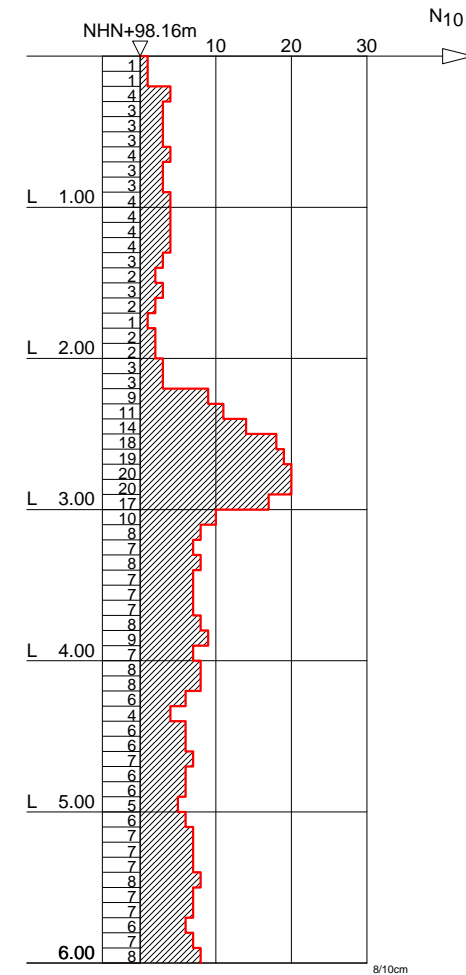
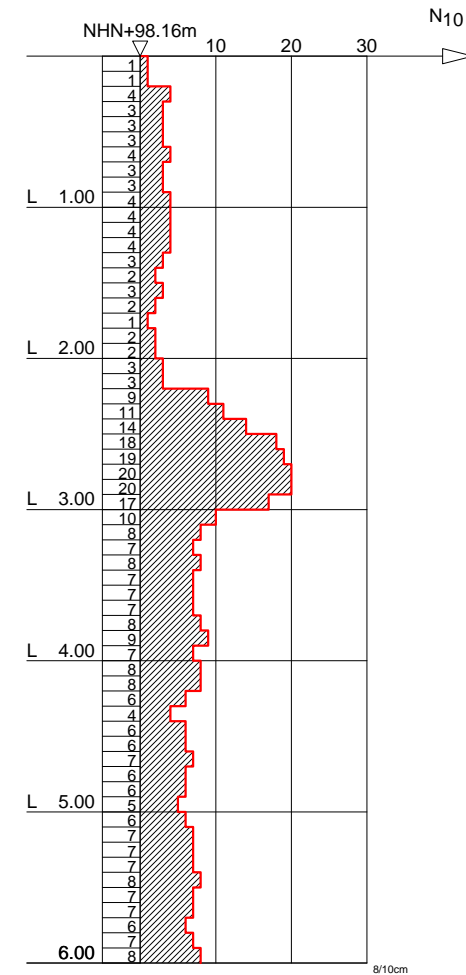
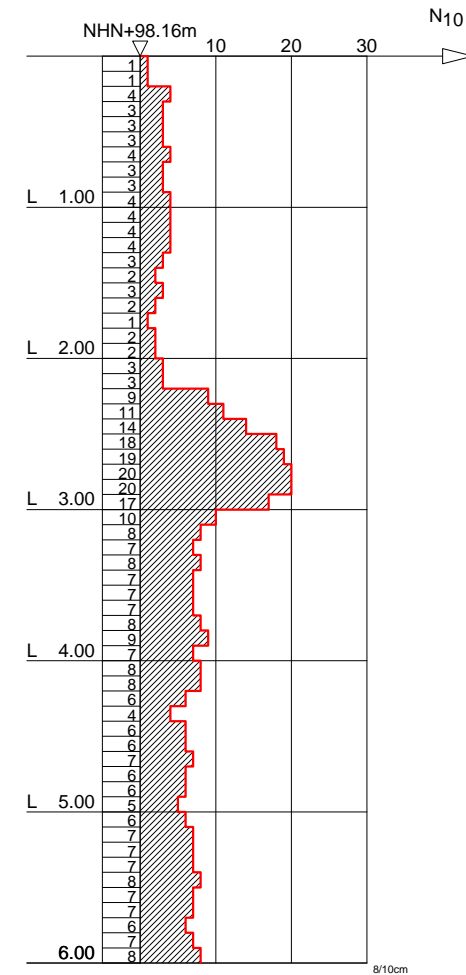
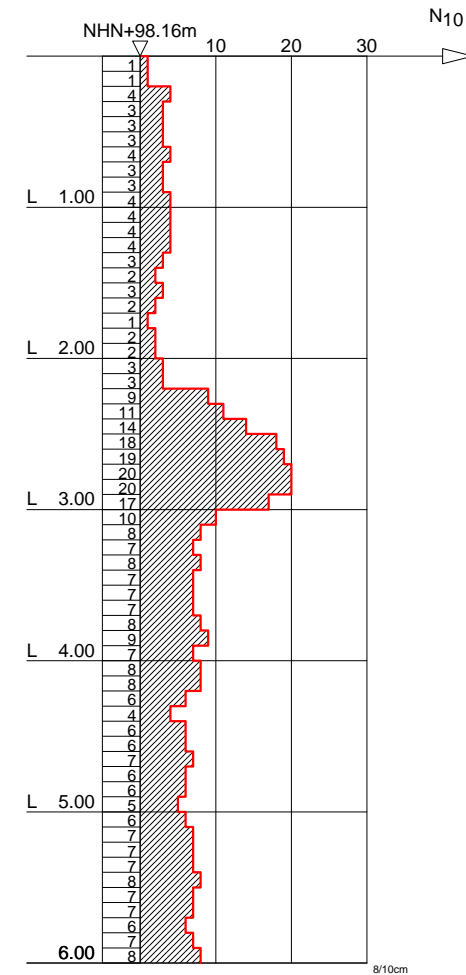
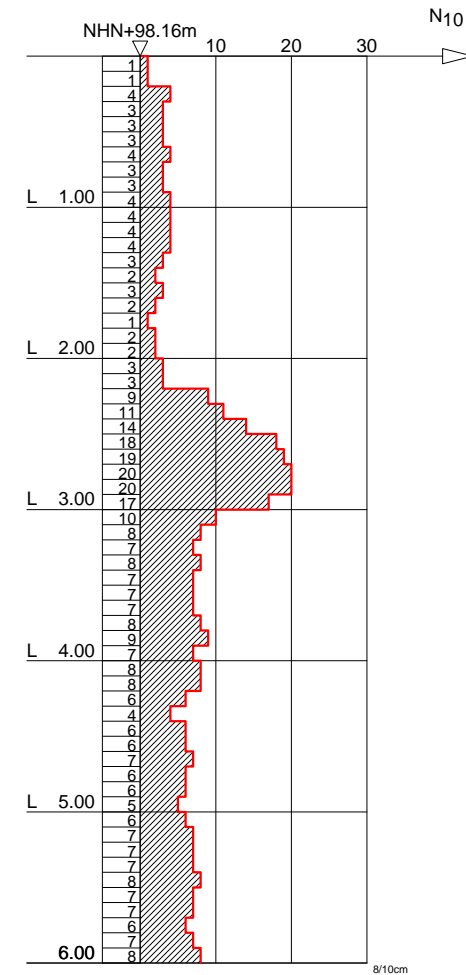
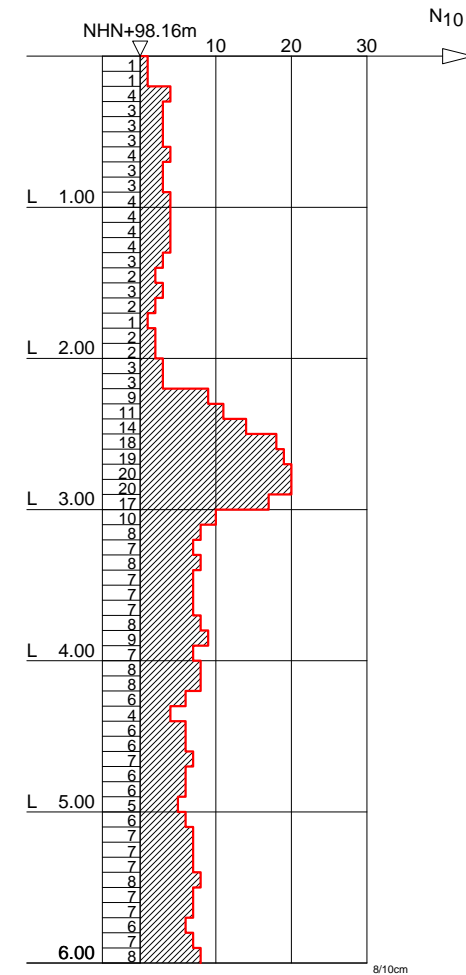
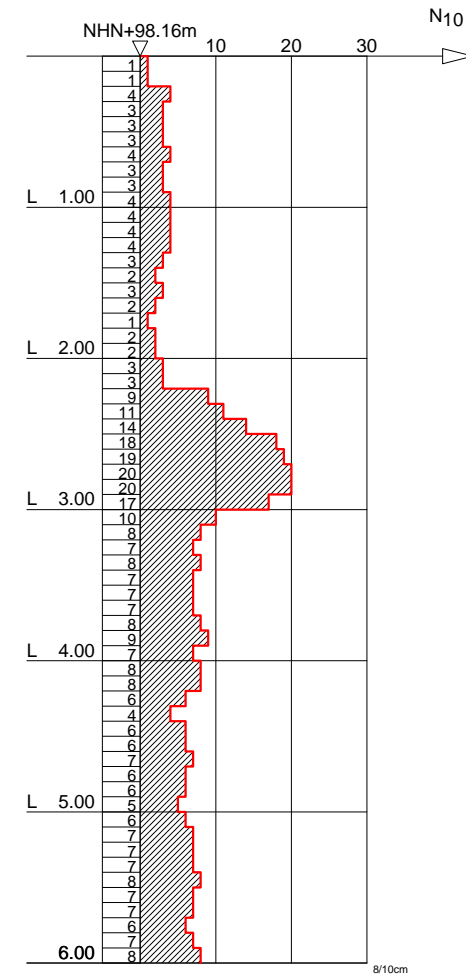
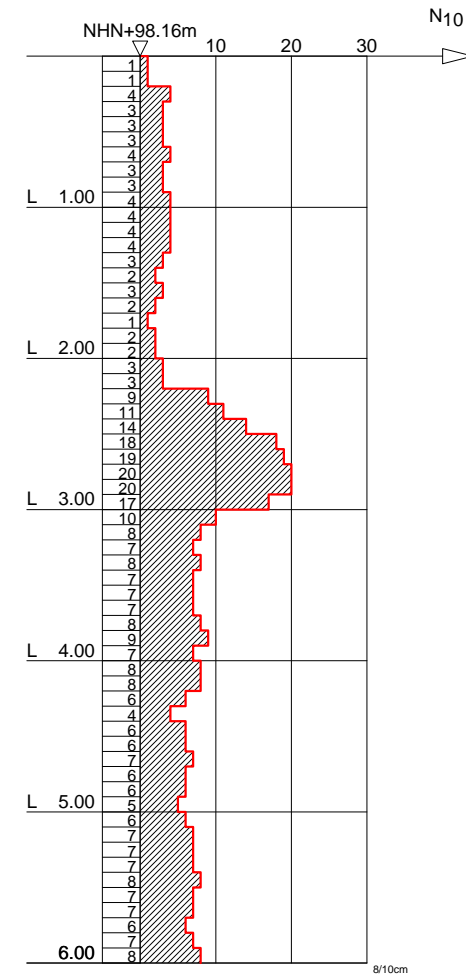
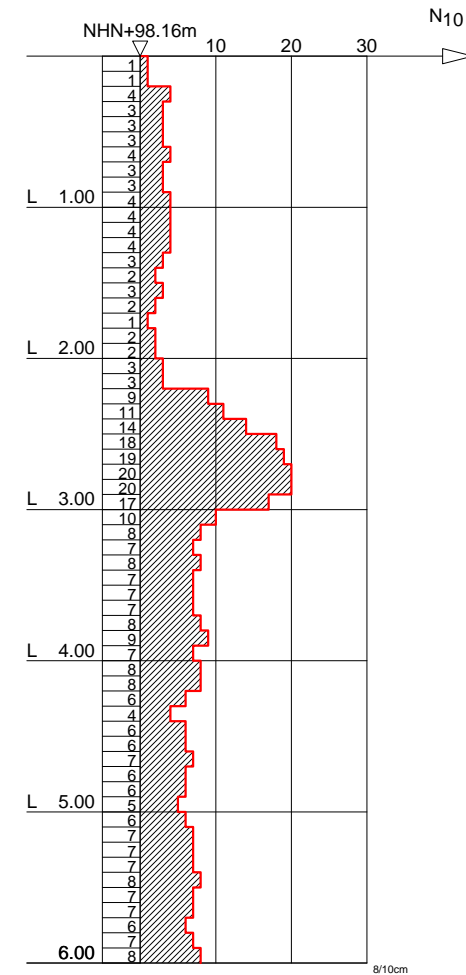
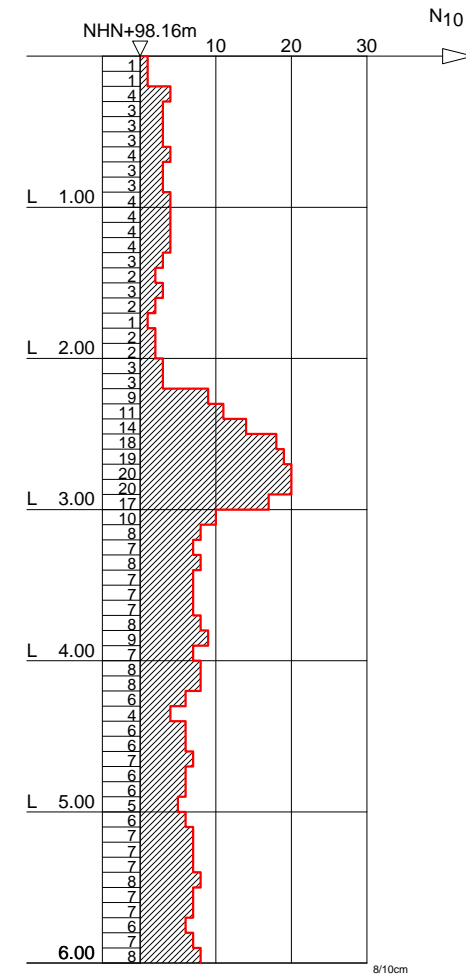
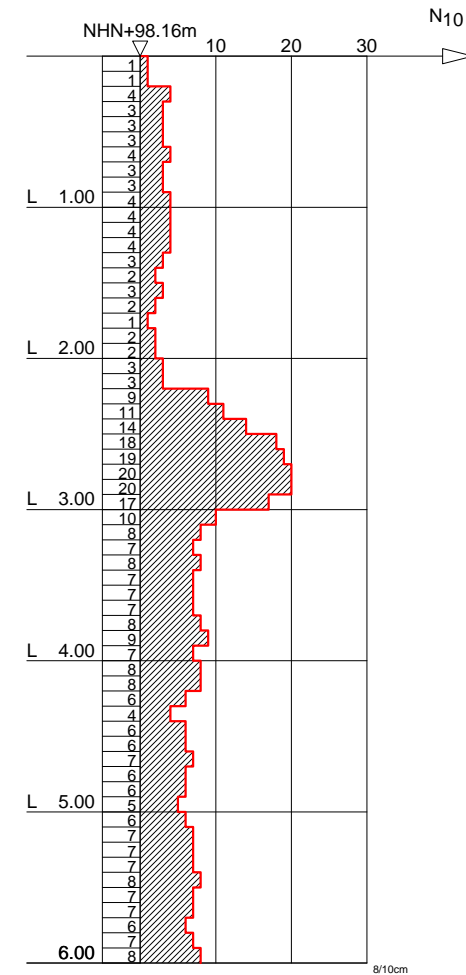
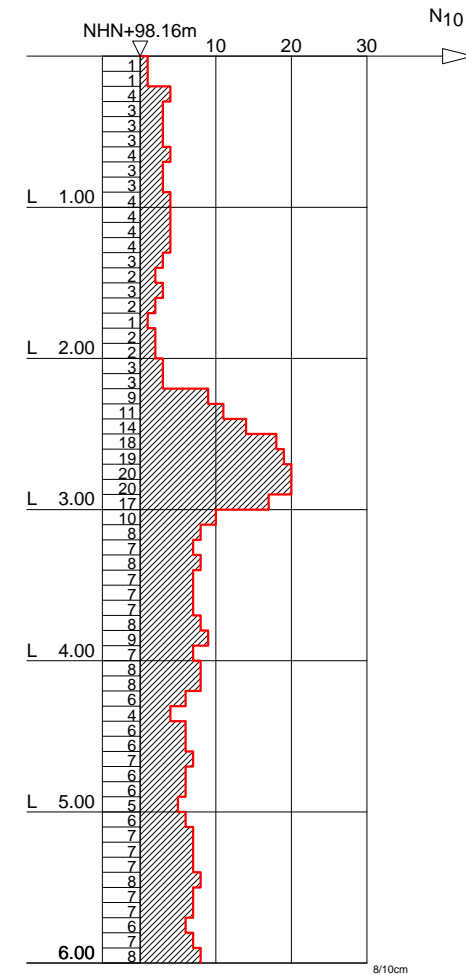
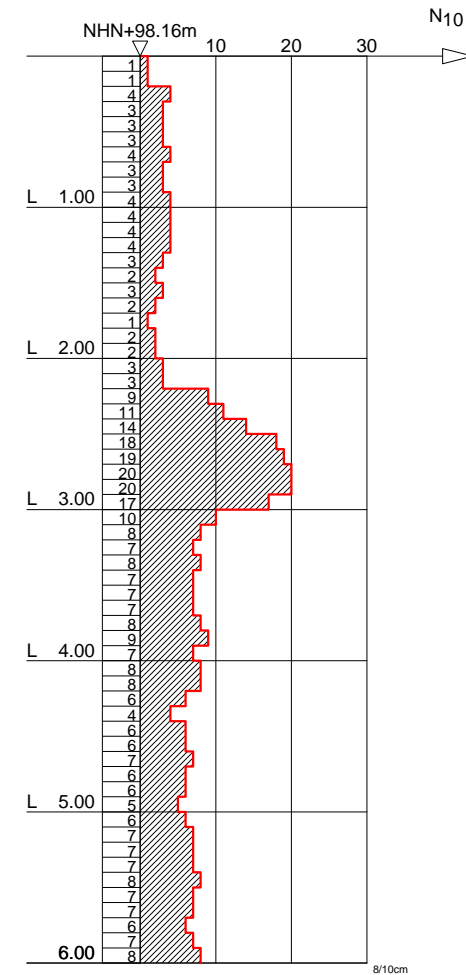
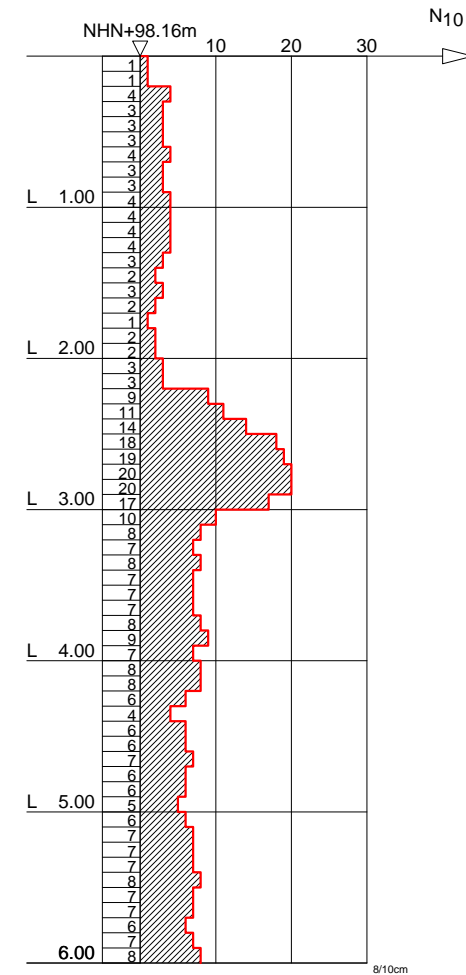
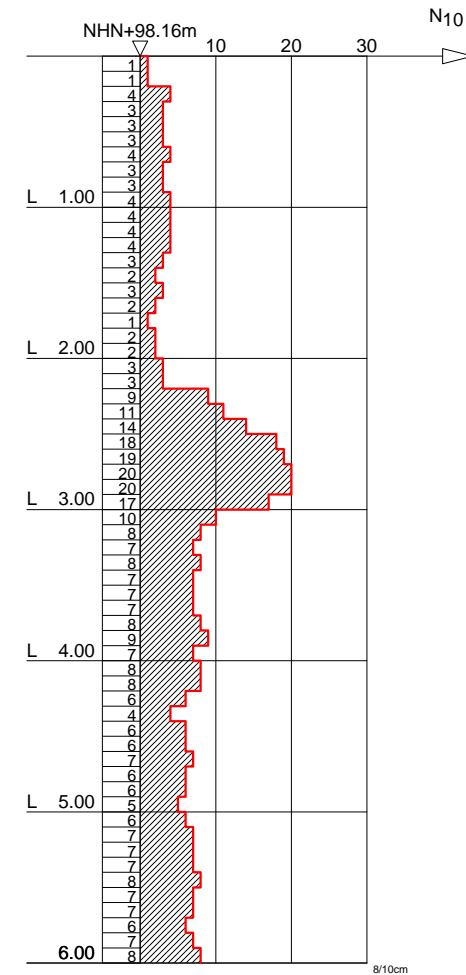
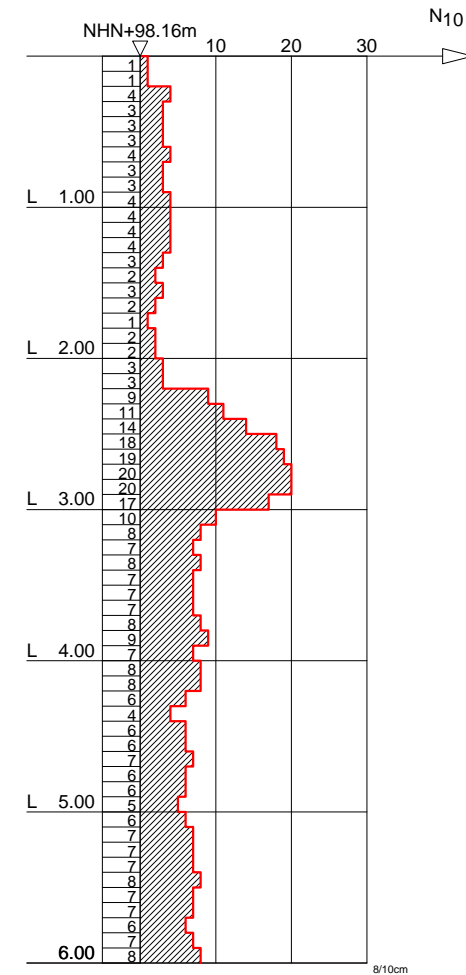
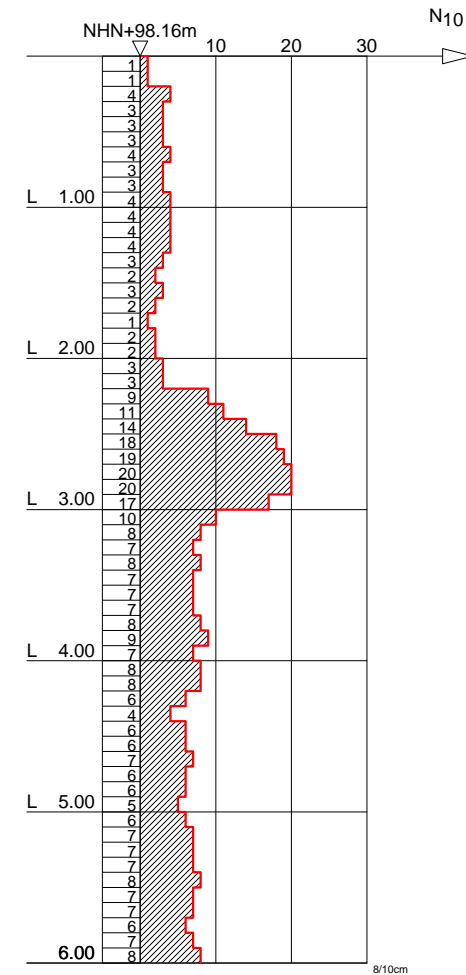
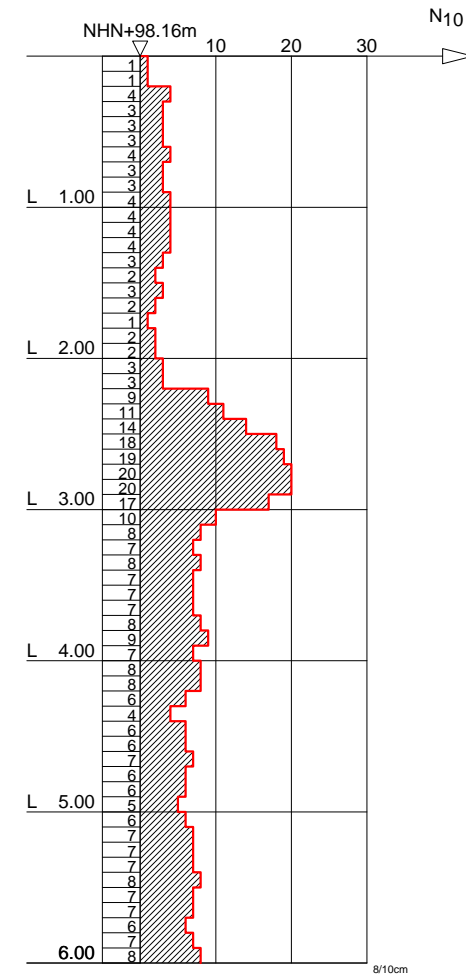
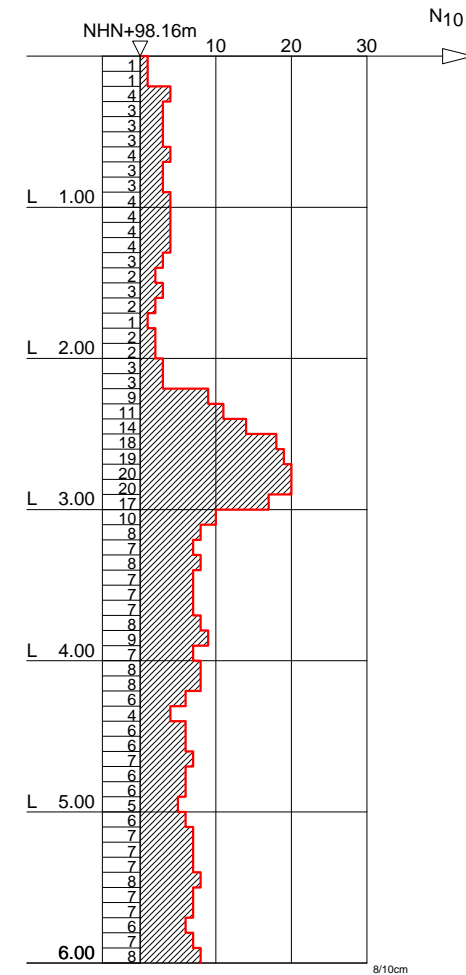
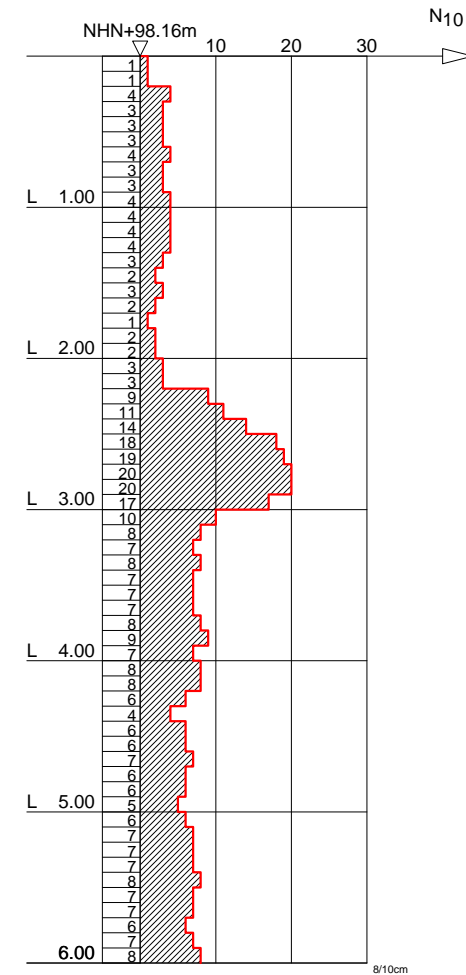
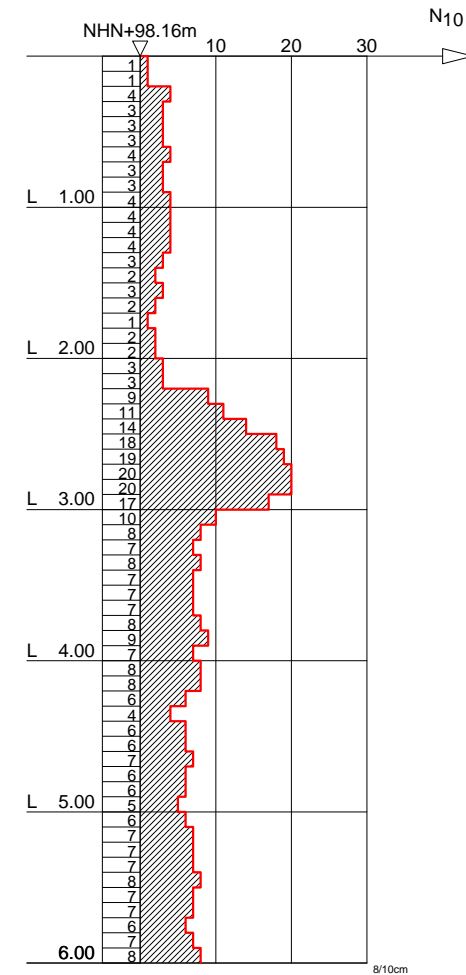
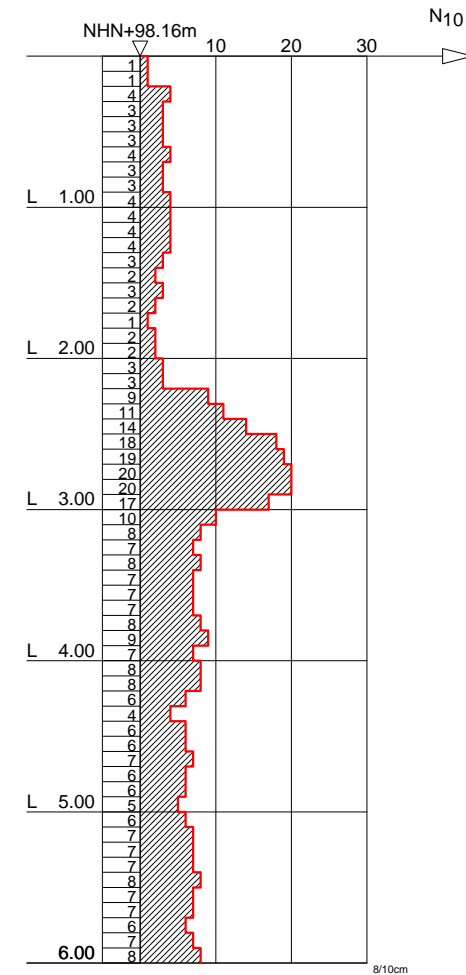
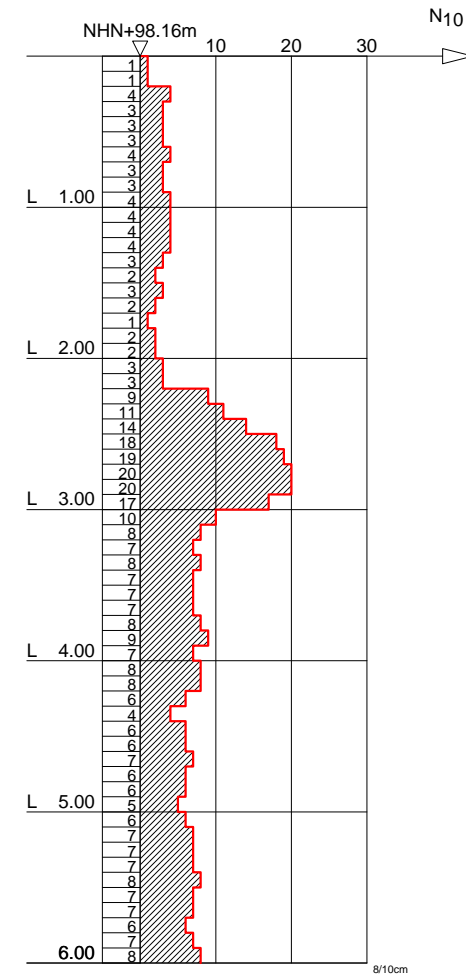
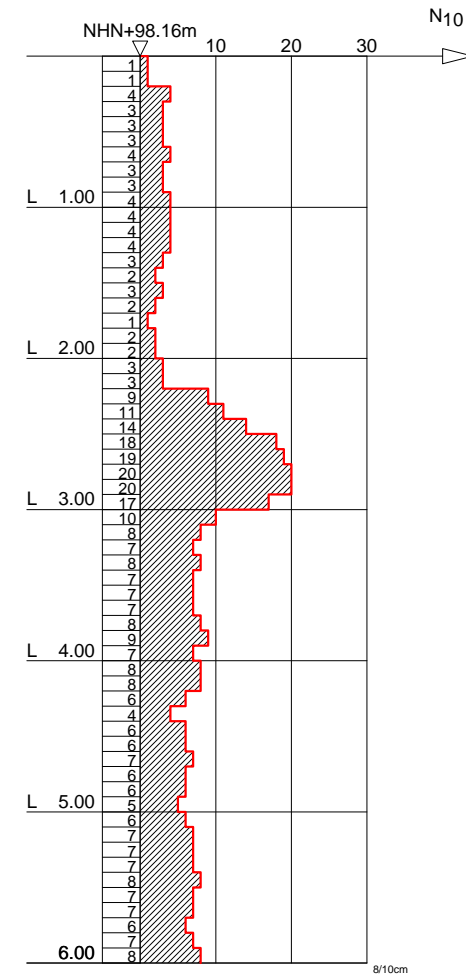
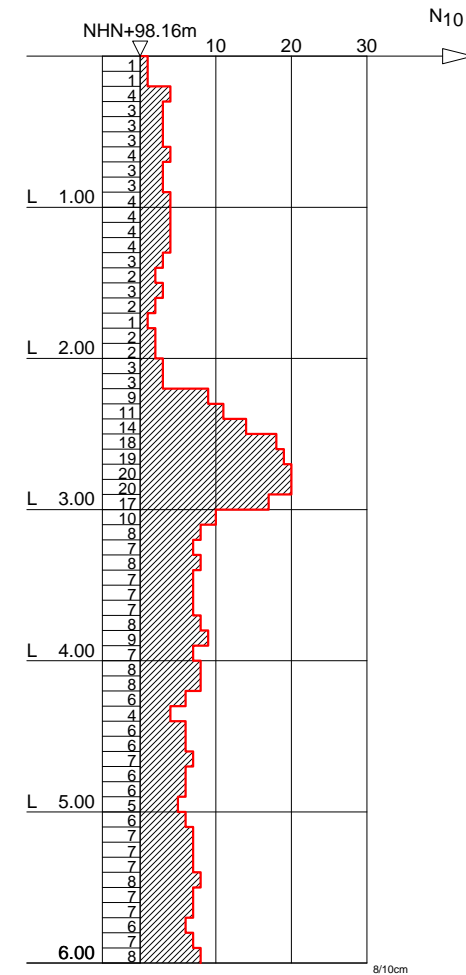
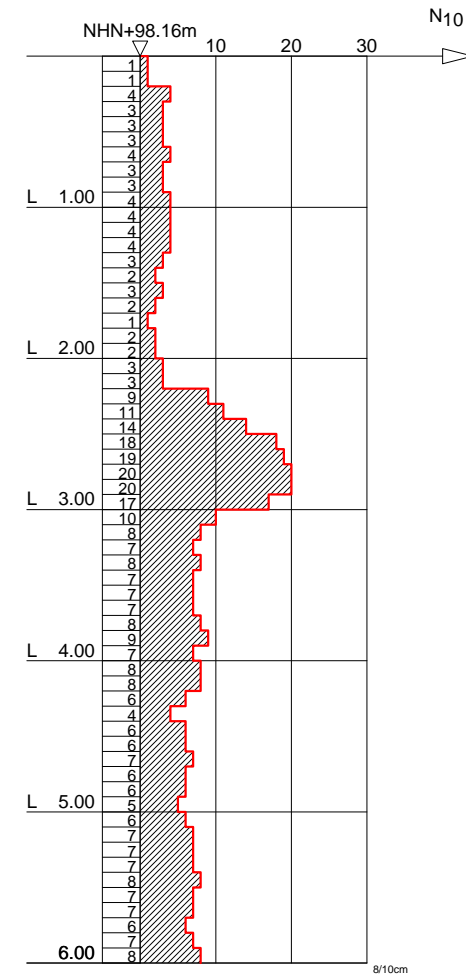
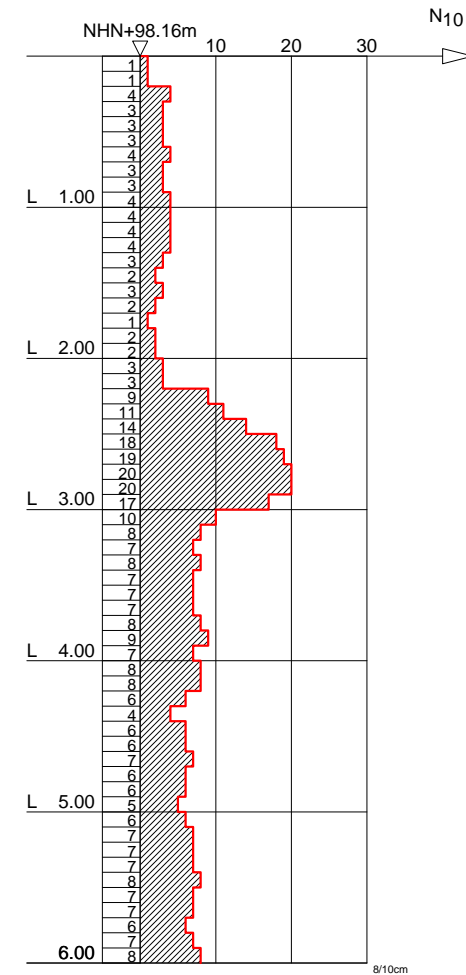
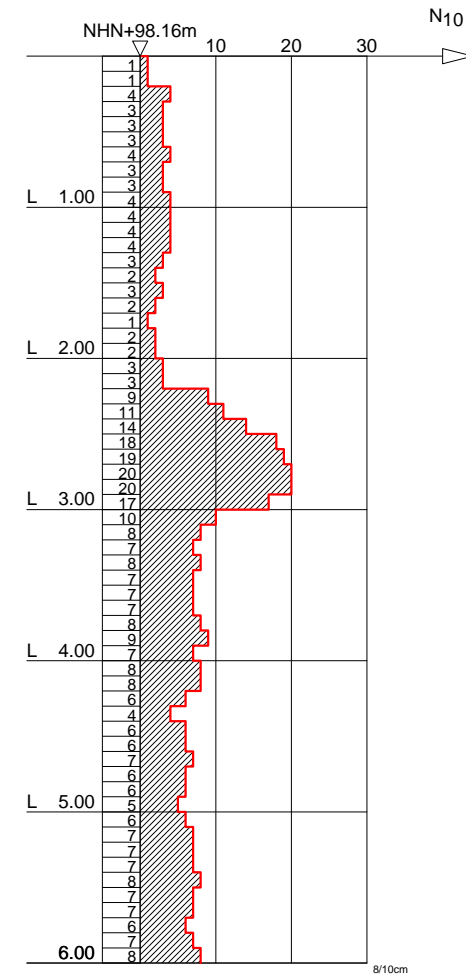
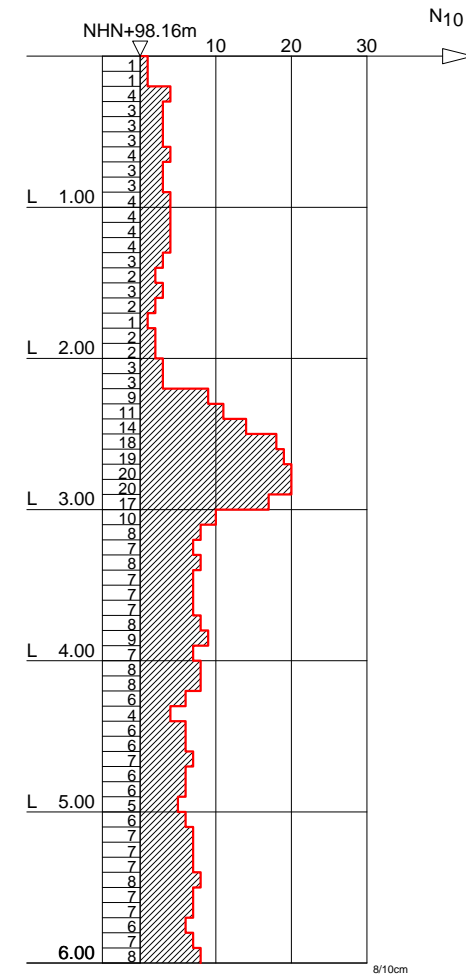
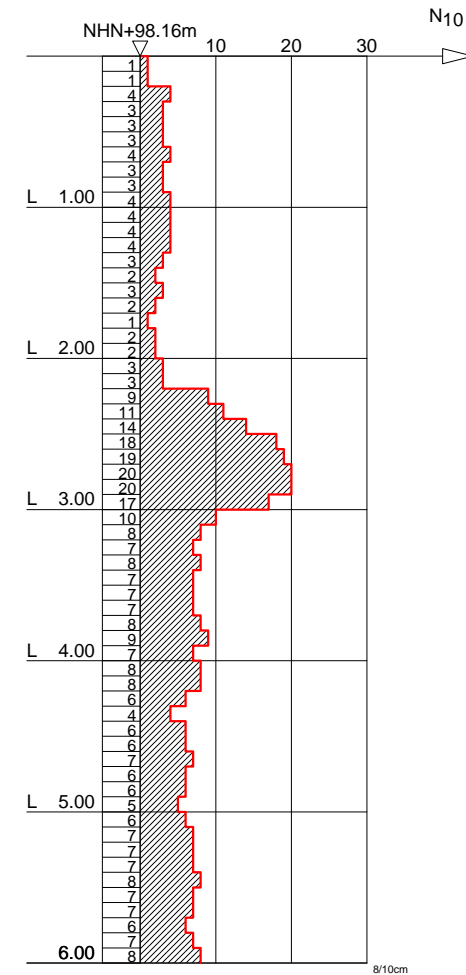
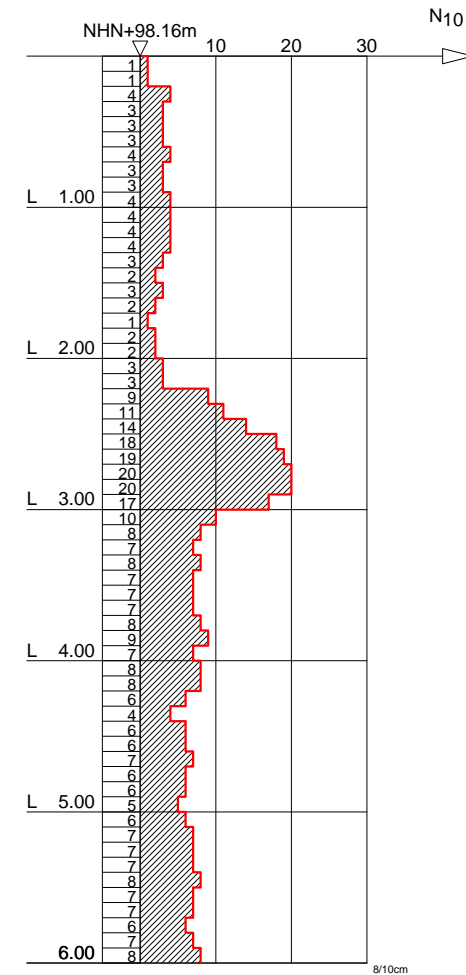
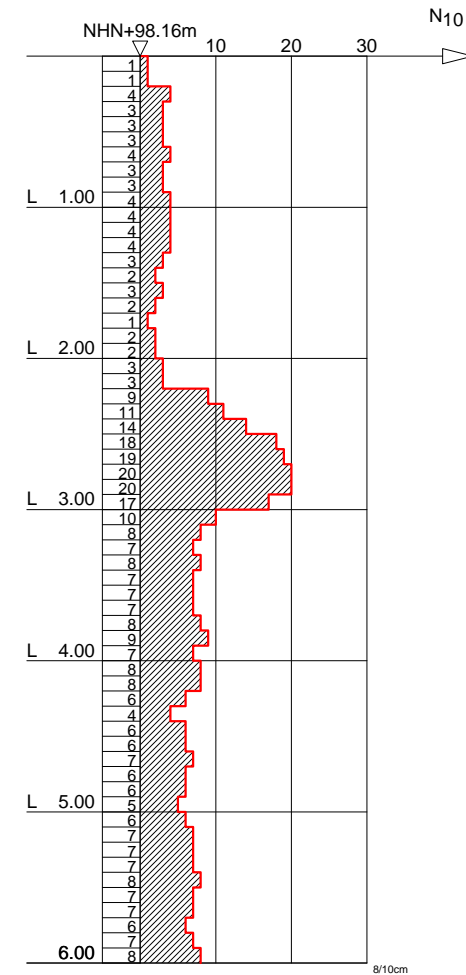
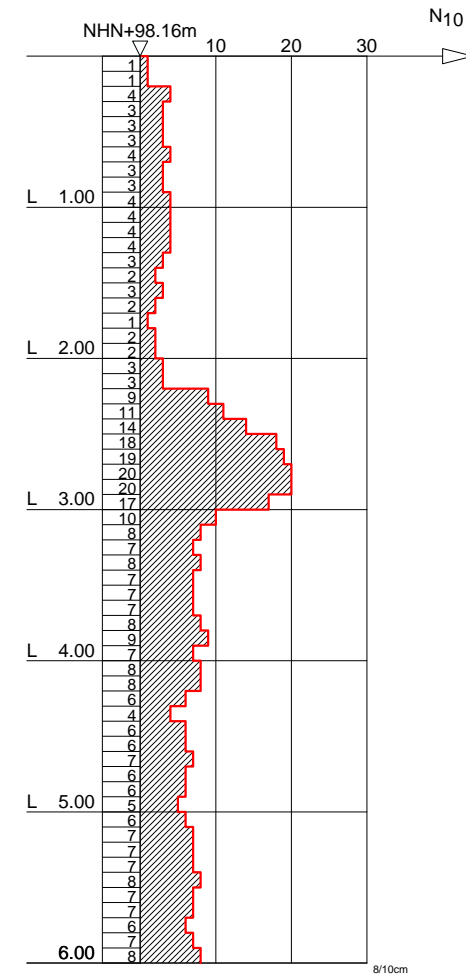
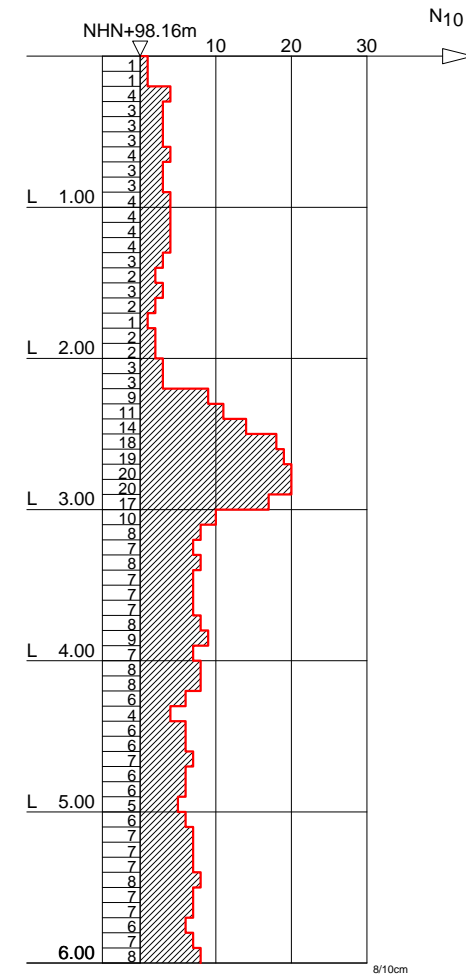
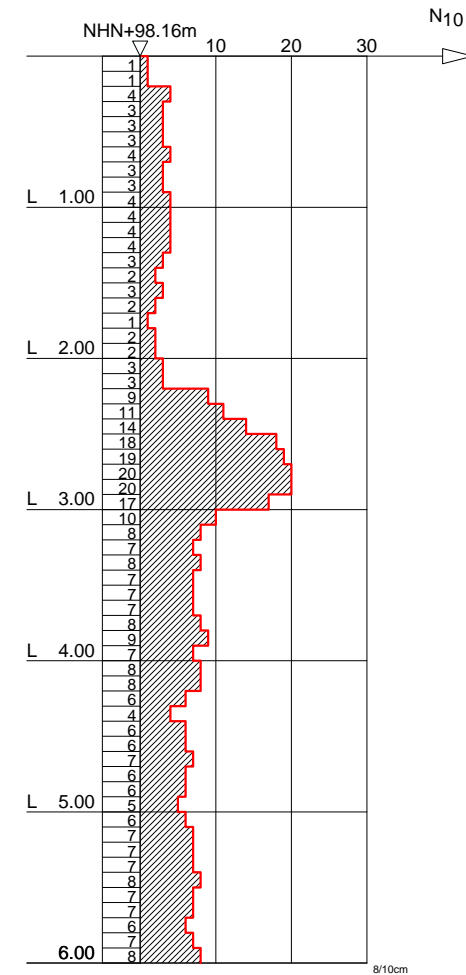
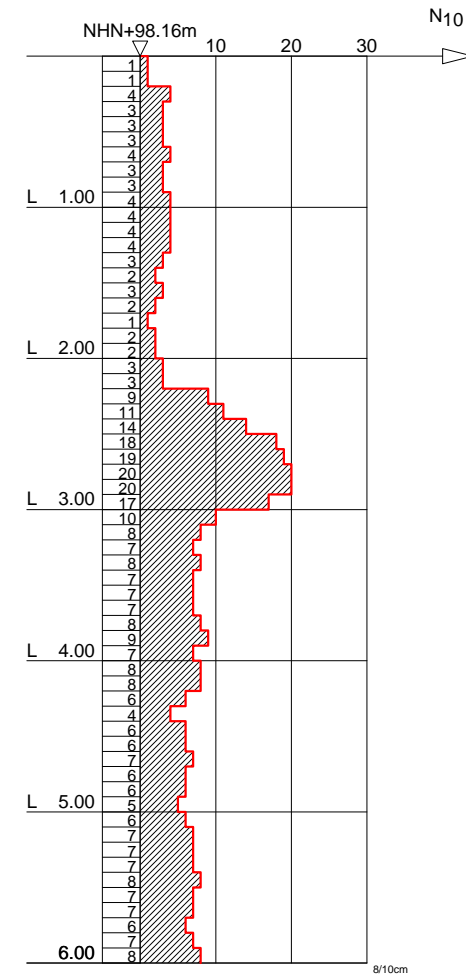
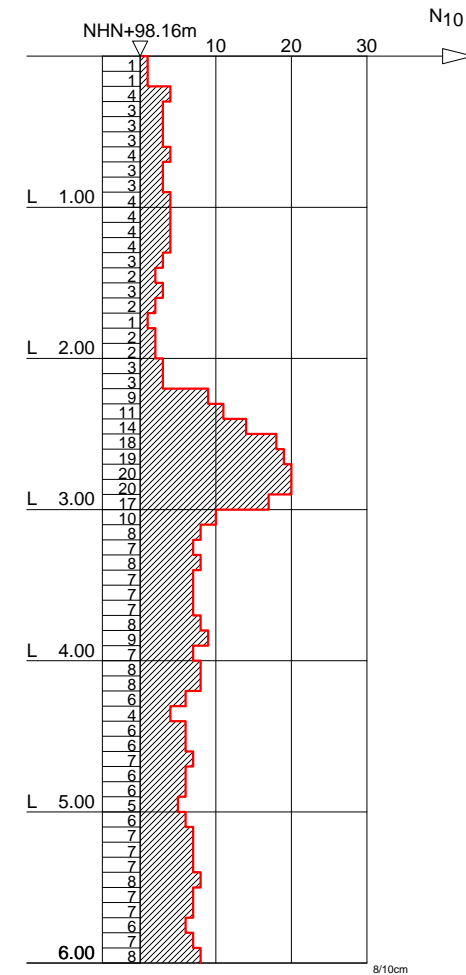
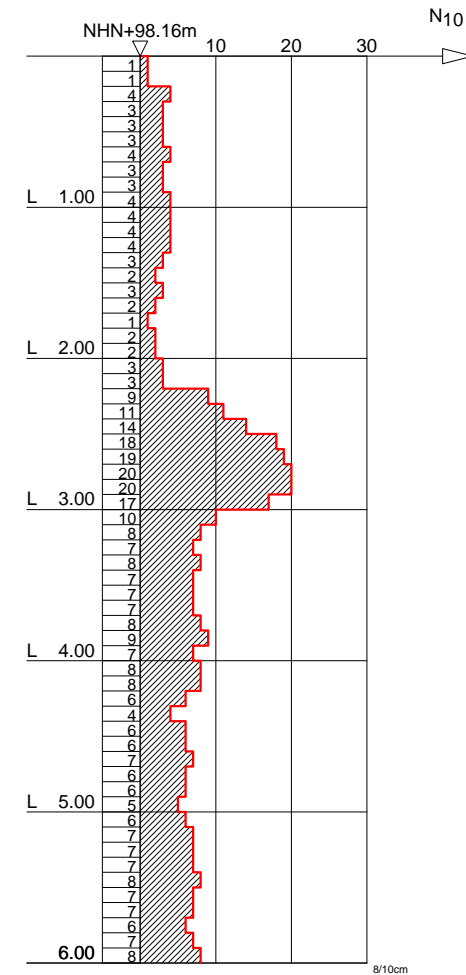
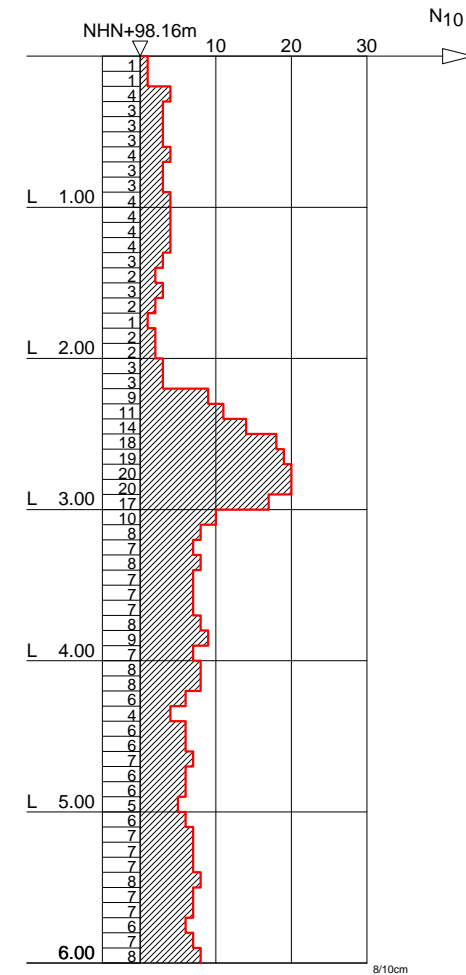
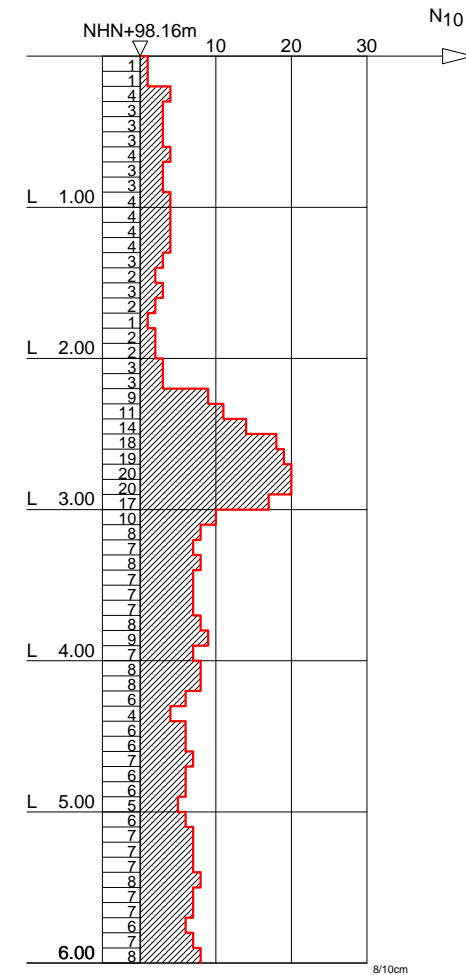
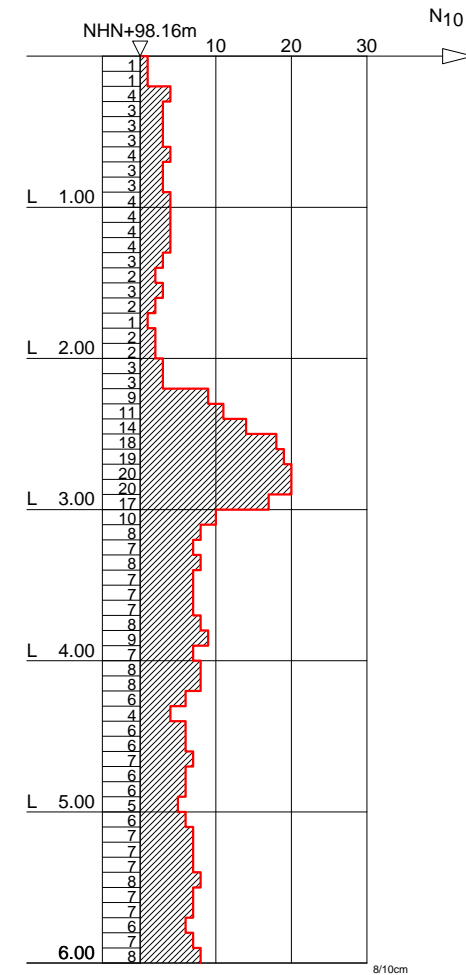
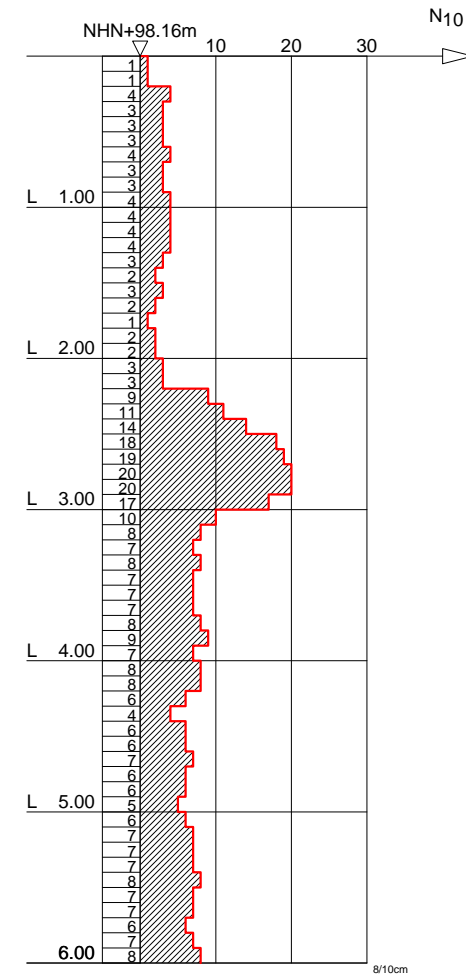
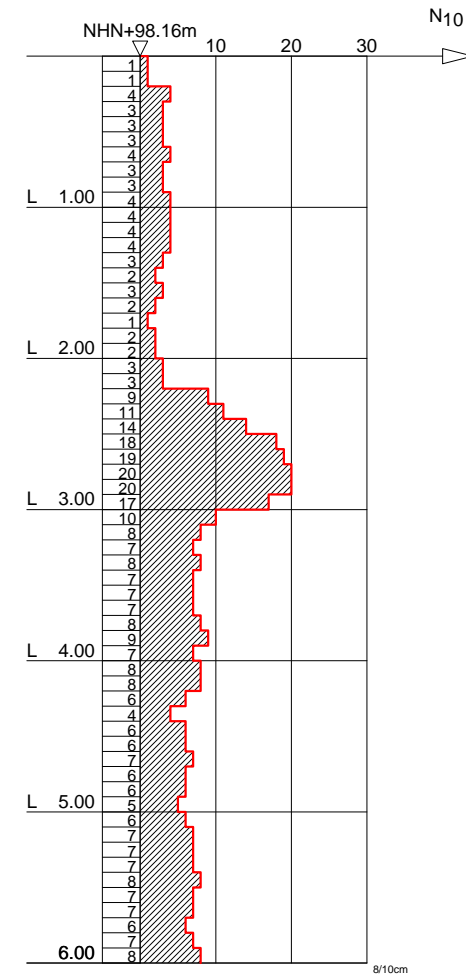
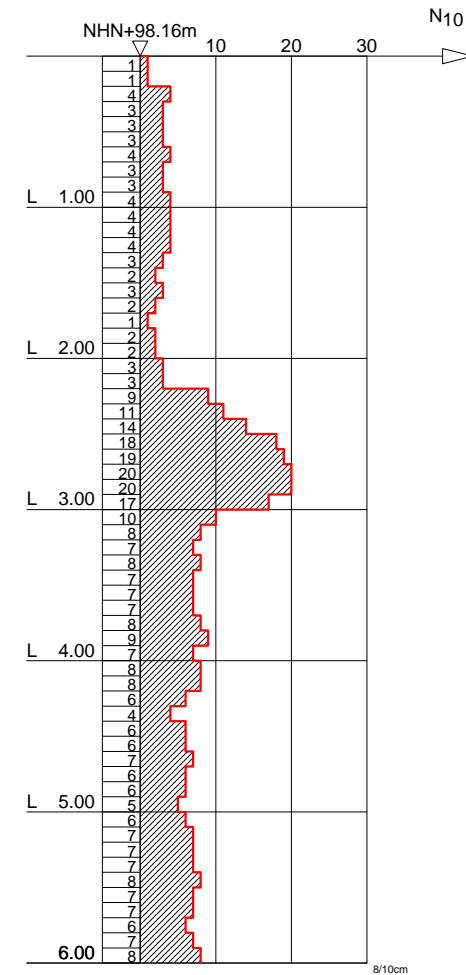
Sand, schwach schluffig, feinkiesig bis mittelkiesig, naß, (SU), hellbraun-hellgrau

Kies, grobsandig bis mittelsandig, schwach schluffig, naß, (GU), große Tonlinsen, grau-braun

▽ 1.35 GW

## DPH 20/13

Sondierdatum: 17.01.2014



# Bodenphysikalische Kennwerte

**Objekt :** Lebendige Luppe, Geotechnische Untersuchungen / Baugrund  
**Auftragsnummer:** O-20130445  
**Auftraggeber :** GGL Leipzig GmbH  
**Bohrlochnr.** RKS 40/13  
**Hoch :**  
**Rechts :**  
**NN Höhe/ Teufe (m) :** 1,40 - 1,75  
**Werkprobennummer :** Probe 3  
**Labornummer :** 10214  
**Stratigraphie :**  
**Probenart :** g  
**Probenspezifikation :** U,t\*,ms',fs'

**Bodenart n. DIN 18196 :** UA

Korngr.-verteilung		Kornfraktionen		Wasserzahlen		Dichten	
d	S		( % )	w(< 0,4 mm)	0,21		(t/m³)
( mm )	( % )						
0,002	34	<b>Ton</b>	34	w(oben)		$\rho$	
0,0063	48	<b>Schluff</b>	44	w(unten)		$\rho_s$	2,70
0,02	64	Feinsand	7	w( $\emptyset$ )	0,19	$\rho_d$	
0,063	78	Mittelsand	12	w <sub>L</sub>	0,56	$\rho_r$	
0,125	82	Grobsand	2	w <sub>P</sub>	0,31	$\rho'$	
0,25	87	<b>Sand</b>	21	w <sub>M</sub>			
0,5	96	Feinkies	1	w <sub>S</sub>		e	
1	99	Mittelkies		w <sub>B,Neff</sub>		n	
2	99	Grobkies		w <sub>0</sub>		Sr	
4	100	<b>Kies</b>	1	w <sub>1</sub>			
8	100	<b>Steine</b>		Plastizität		max e	
16	100			I <sub>P</sub>	0,24	min e	
31,5	100	U		I <sub>C</sub>	1,43	D	
63	100	C		Glühverlust		Proctordichte	
>63,0	100			V <sub>gl</sub>		$\rho_{pr}$	
				I <sub>om</sub>		w <sub>pr</sub>	
<b>K-Wert aus Korngrößenverteilung</b>				<b>Kalkgehalt</b>			
nach				V <sub>ca</sub>			
m/s							

gepr.:

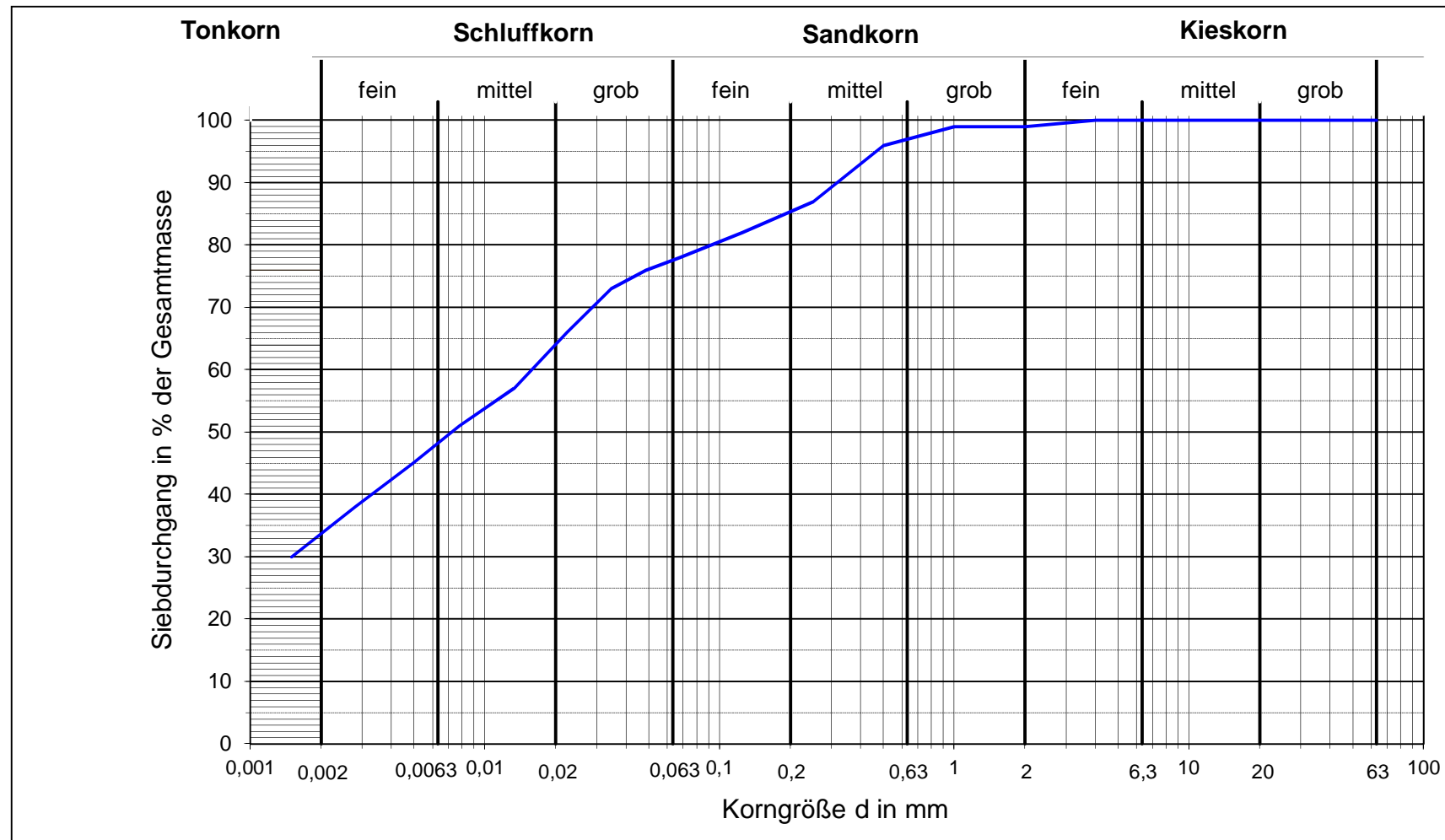
# Korngrößenverteilung

Auftrags-Nr.: O-20130445

Auftraggeber : GGL Leipzig GmbH

Objekt : Lebendige Luppe, Geotechnische Untersuchungen / Baugrund

Datum :



Bohrloch/Schurf - Nr. : RKS 40/13  
Labornummer : 10214  
Probennummer : Probe 3  
Entnahmetiefe [ m ] : 1,40 - 1,75

Lockergestein n. DIN 4022 : U,t',ms',fs'  
Lockergestein n. DIN 18196 : UA  
U=d60/d10 :  
C=(d30)^2/d10\*d60 :  
Durchl.-Beiwert k [m/s] :

aus KV nach

Anlage 5.29.2

# Plastizitätsdiagramm nach CASAGRANDE

## Lebendige Luppe, Geotechnische Untersuchungen / Baugrund

