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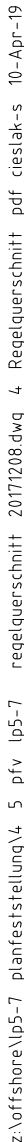


Diagram illustrating the geological profile and groundwater levels (NN) for a construction site. The profile shows various soil layers and their corresponding elevations.

Layer Number	Soil Type / Description	Elevation (NN)
7	Variable vorhandene Gewässersohle	NN+6,25m; geplante Kajenoberkante
8	Einbausande, verdichtet	NN±0,00m
5	Einbausande, unverdichtet	z.B. NN-8,00m
1	Kies/Steine	NN-10,00m
3	Schlick, sandig	NN-12,00m
2	Sand	NN-13,50m
2	Klei	NN-15,50m
3	Sand	NN-23,50m
4	Sand	NN-30,00m
6.1	Schluff	NN-32,00m
4	Sand	NN-34,00m
6.2	Beckenschluff/Beckenton	NN-40,00m

Additional information: (ggf. vor Ausführungsbeginn ergänzender Baugrundaufschluss erforderlich)

Schicht	KenngröÙe
① Schlick, sandig	$\varphi'_k = 19,1^\circ$; $c'_k = 6,5 \text{ kN/m}^2$, $\gamma / \gamma' = 14/4 \text{ kN/m}^3$ $c_{uk} = 9,8 \text{ kN/m}^2$ $\delta = 2/3 \varphi'_k$
② Klei	$\varphi'_k = 21,8^\circ$; $c'_k = 6,5 \text{ kN/m}^2$, $\gamma / \gamma' = 16/6 \text{ kN/m}^3$ $c_{uk} = 22,8 \text{ kN/m}^2$ $\delta = 2/3 \varphi'_k$
③ Sand, $5 < q_c \leq 10 \text{ MN/m}^2$	$\varphi'_k = 35^\circ$; $c'_k = 0 \text{ kN/m}^2$ $\gamma / \gamma' = 17/10 \text{ kN/m}^3$ $\delta = 2/3 \varphi'_k$
④ Sand, $q_c > 15 \text{ MN/m}^2$	$\varphi'_k = 37,6^\circ$; $c'_k = 0 \text{ kN/m}^2$ $\gamma / \gamma' = 19/11 \text{ kN/m}^3$ $\delta = 2/3 \varphi'_k$
⑤ Kies	$\varphi'_k = 37,6^\circ$; $c'_k = 0 \text{ kN/m}^2$ $\gamma / \gamma' = 19/11 \text{ kN/m}^3$ $\delta = 2/3 \varphi'_k$
⑥.1 Schluff	$\varphi'_k = 21,8^\circ$; $c'_k = 26 \text{ kN/m}^2$, $\gamma / \gamma' = 20/10 \text{ kN/m}^3$ $c_{uk} = 32,5 \text{ kN/m}^2$ $\delta = 2/3 \varphi'_k$
⑥.2 Beckenschluff/ Beckenton	$\varphi'_k = 21,8^\circ$; $c'_k = 26 \text{ kN/m}^2$, $\gamma / \gamma' = 20/10 \text{ kN/m}^3$ $c_{uk} = 32,5 \text{ kN/m}^2$ $\delta = 2/3 \varphi'_k$
⑦ Einbausande, $10 < q_c \leq 15 \text{ MN/m}^2$ verdichtet	$\varphi'_k = 37,6^\circ$; $c'_k = 0 \text{ kN/m}^2$ $\gamma / \gamma' = 18/10,5 \text{ kN/m}^3$ $\delta = 2/3 \varphi'_k$
⑧ Einbausande, $5 < q_c \leq 10 \text{ MN/m}^2$ unverdichtet	$\varphi'_k = 35^\circ$; $c'_k = 0 \text{ kN/m}^2$ $\gamma / \gamma' = 17/10 \text{ kN/m}^3$ $\delta = 2/3 \varphi'_k$

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