# Gegenüberstellung Schadstoffgehalte Bodenart Lehm/Schluff

## - Zuordnungswerte Z 0 bis Z 2 nach LAGA-Boden 2004 -

| Feststoff | | MP P1 | MP P2 | | | Z 0 | Z 1 | Z 2 |
|---|---|---|---|---|---|---|---|---|
| TOC | [M.-%] | 1,40 | 0,60 | | | ≤ 0,5 (1,0) | ≤ 1,5 | ≤ 5 |
| EOX | [mg/kg TS] | n.n. | n.n. | | | ≤ 1 | ≤ 3 | ≤ 10 |
| KW (C10-C22) | [mg/kg TS] | n.n. | n.n. | | | ≤ 100 | ≤ 300 | ≤ 1000 |
| ∑ BTEX | [mg/kg TS] | n.n. | n.n. | | | ≤ 1 | ≤ 1 | ≤ 1 |
| ∑ LHKW | [mg/kg TS] | n.n. | n.n. | | | ≤ 1 | ≤ 1 | ≤ 1 |
| Σ $PAK_{16}$ | [mg/kg TS] | n.n. | n.n. | | | ≤ 3 | ≤ 3 | ≤ 30 |
| Benzo(a)pyren | [mg/kg TS] | n.n. | n.n. | | | ≤ 0,3 | ≤ 0,9 | ≤ 3 |
| Σ $PCB_6$ | [mg/kg TS] | n.n. | n.n. | | | ≤ 0,05 | ≤ 0,15 | ≤ 0,5 |
| Arsen | [mg/kg TS] | 5,80 | 5,30 | | | ≤ 15 | ≤ 45 | ≤ 150 |
| Blei | [mg/kg TS] | 21,00 | 14,00 | | | ≤ 70 | ≤ 210 | ≤ 700 |
| Cadmium | [mg/kg TS] | 0,33 | 0,23 | | | ≤ 1 | ≤ 3 | ≤ 10 |
| Chrom ges. | [mg/kg TS] | 21,00 | 16,00 | | | ≤ 60 | ≤ 180 | ≤ 600 |
| Kupfer | [mg/kg TS] | 9,60 | 8,50 | | | ≤ 40 | ≤ 120 | ≤ 400 |
| Nickel | [mg/kg TS] | 8,60 | 8,40 | | | ≤ 50 | ≤ 150 | ≤ 500 |
| Quecksilber | [mg/kg TS] | n.n. | n.n. | | | ≤ 0,5 | ≤ 1,5 | ≤ 5 |
| Thallium | [mg/kg TS] | n.n. | n.n. | | | ≤ 0,7 | ≤ 2,1 | ≤ 7 |
| Zink | [mg/kg TS] | 42,00 | 32,00 | | | ≤ 150 | ≤ 450 | ≤ 1500 |
| Cyanid ges. | [mg/kg TS] | n.n. | n.n. | | | - | ≤ 3 | ≤ 10 |
| RC | [M.-%] | 0,20 | | | | - | - | - |
| C/N | [-] | | | | | (> 25) | - | - |

| Eluat | | MP P1 | MP P2 | | | Z 0 | Z 1.1 | Z 1.2 | Z 2 |
|---|---|---|---|---|---|---|---|---|---|
| pH-Wert | [-] | 7,80 | 7,10 | | | 6,5 - 9,5 | 6,5 - 9,5 | 6,0 - 12 | 5,5 - 12 |
| Leitfähigkeit | [µS/cm] | 64,70 | n.n. | | | ≤ 250 | ≤ 250 | ≤ 1500 | ≤ 2000 |
| Chlorid | [mg/l] | n.n. | n.n. | | | ≤ 30 | ≤ 30 | ≤ 50 | ≤ 100 |
| Sulfat | [mg/l] | 0,60 | n.n. | | | ≤ 20 | ≤ 20 | ≤ 50 | ≤ 200 |
| Cyanid ges. | [µg/l] | n.n. | n.n. | | | ≤ 5 | ≤ 5 | ≤ 10 | ≤ 20 |
| Phenolindex | [µg/l] | n.n. | n.n. | | | ≤ 20 | ≤ 20 | ≤ 40 | ≤ 100 |
| Arsen | [µg/l] | n.n. | n.n. | | | ≤ 14 | ≤ 14 | ≤ 20 | ≤ 60 |
| Blei | [µg/l] | n.n. | n.n. | | | ≤ 40 | ≤ 40 | ≤ 80 | ≤ 200 |
| Cadmium | [µg/l] | n.n. | n.n. | | | ≤ 1,5 | ≤ 1,5 | ≤ 3 | ≤ 6 |
| Chrom ges. | [µg/l] | 1,00 | n.n. | | | ≤ 12,5 | ≤ 12,5 | ≤ 25 | ≤ 60 |
| Kupfer | [µg/l] | 2,40 | n.n. | | | ≤ 20 | ≤ 20 | ≤ 60 | ≤ 100 |
| Nickel | [µg/l] | n.n. | n.n. | | | ≤ 15 | ≤ 15 | ≤ 20 | ≤ 70 |
| Quecksilber | [µg/l] | n.n. | n.n. | | | ≤ 0,5 | ≤ 0,5 | ≤ 1 | ≤ 2 |
| Zink | [µg/l] | n.n. | n.n. | | | ≤ 150 | ≤ 150 | ≤ 200 | ≤ 600 |

| Probenbezeichung | MP P1 | MP P2 | | |
|---|---|---|---|---|
| Einbauklasse | Z 1.1 | Z 1.1 | | |


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**Projekt:**

Bestandsuntersuchung

Stadtbahn Linie 4

in Bielefeld

**Auftraggeber:**

Stadt Bielefeld

Amt für Verkehr

August-Bebel-Straße 92, 33602 Bielefeld

**Anlage :**

4.23

**Projekt-Nr.:**

21-4728-05

**Datum:**

06.10.2021