**Table 1:** Elemental concentration, particle size and Pb speciation in PP-D

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| Elemental concentration (mean ± SEM, n = 3) |
| Trace elements (mg/kg) | Major elements (g/kg) |
| Arsenic (As) | Cadmium (Cd) | Copper (Cu) | Lead (Pb) | Zinc (Zn) | Aluminium (Al) | Iron (Fe) | Phosphorus (P) |
| 586 ± 16 | 231 ± 4.9 | 2740 ± 31 | 32045 ± 392 | 29305 ± 630 | 14.0 ± 2.1 | 35.5 ± 1.4 | 1.86 ± 0.05 |
| Pb speciation (weighted %) |
| Organic matter bound Pb | Hydrocerussite Pb3(CO3)2(OH)2 | Galena PbS | Chloropyromorphite Pb5(PO4)3Cl | Mineral sorbed Pb (Pb oxides and adsorbed onto clays) |
| 44 | 21 | 11 | 10 | 13 |
| Particle size distribution (µm) (n = 3) |
| Mean ± SEM  | Mode  | Median | 95% of the particles are  |
| 2.26 ± 0.06 | 0.57 | 0.93 | < 9.71 µm |