

An In-Depth Analysis of Physical, Chemical, and Microplastic Parameters of Landfill Fine Fraction for Biocover Construction

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Supplementary materials

Table S1. Particle size distribution

Depth	Fraction size			
	6.3–20 mm	2–6.3 mm	0.63–2 mm	< 0.63 mm
0–1.5 m	28.94%	32.67%	20.05%	18.34%
1.5–3m	43.03%	36.93%	11.06%	8.98%
3–4.5 m	30.29%	45.36%	13.75%	10.60%
4.5–6 m	45.64%	33.56%	9.59%	11.22%
6–7.5 m	44.10%	39.71%	9.92%	6.26%
7.5–9 m	43.95%	35.76%	12.59%	7.70%
9–10.5 m	43.46%	34.57%	12.78%	9.19%

Table S2. Plastic content in different depths according to morphological analysis

Depth	Plastic content
0–1.5 m	4%
1.5–3m	7.05%
3–4.5 m	18.46%
4.5–6 m	6.21%
6–7.5 m	8.69%
7.5–9 m	7.94%
9–10.5 m	2.46%