Wet mechanical concentration and biological recovery of precious metals from secondary raw materials



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side strea Waste-**Tailings** Incineration Electronic Printed card Metallurgical Filter dusts ashes boards wastes slags

Low-grade material

Wet mechanical concentration



- Density-based enrichment of heavy metals
- Detoxification / Preconditioning



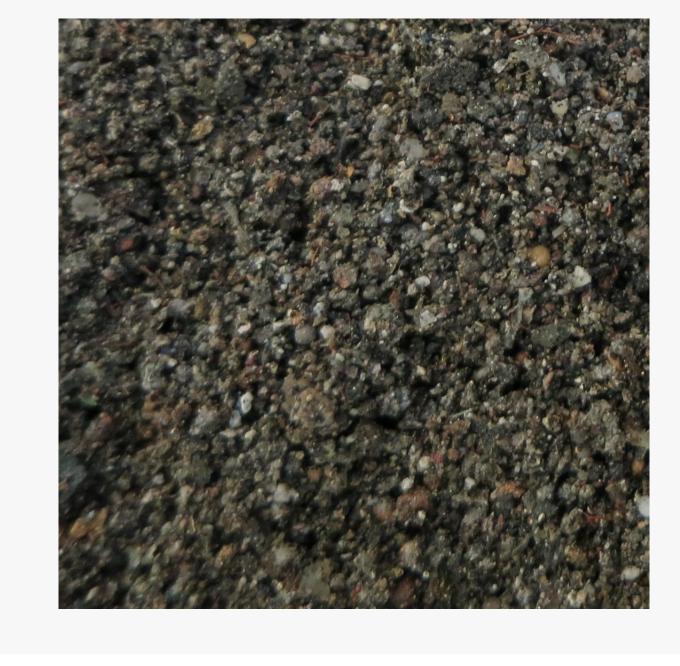
High-grade material

Bioextraction



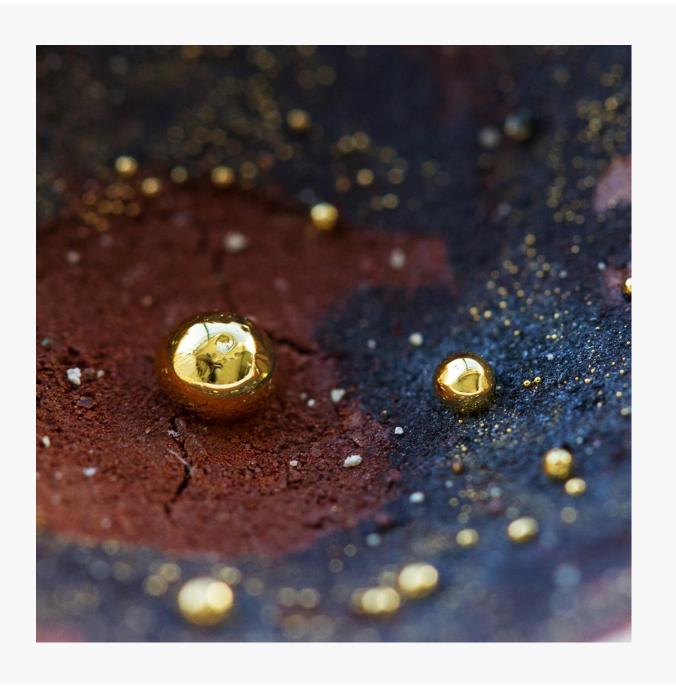
- High-performance microorganisms
- Process optimization
- Intellectual Property

Concentrates of non-iron metals



Precious metals and non-iron metals can be enriched by integration of a wet mechanical preprocessing step. This high-grade material is suitable for further processing steps.

Precious metals



Gold and other valuable metals are recovered from secondary resources by using selective starter cultures. This ensures an eco-friendly, safe and economic process design.



Value-added

products

B. W. A. I.