# Capturing and generating value from mine tailings

| Waste treatment | Description | Examples | Value |
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| Upcycling | • Extracting more from tailings<br>• Using tailings in new products | • Recovery of additional minerals | • Provides additional income-generation stream<br>• Reduces loss of valuable material<br>• Reduces mine footprint |
| Downcycling | • Finding on-site alternatives to long-term storage | • The use of mine waste for site remediation | • Limits potential for future recovery<br>• Generates savings on site remediation |

GRID ARENDAL

Source: Golev 2016