



Repurposing berm and building rubble for use in construction projects

Iselula Crushing

Hermanus, Western Cape

By repurposing berm rubble, Iselula Crushing recovered and reused 19 600 tonnes of rubble, saving nearly R2.4 million.



CaseStudy

Challenge

An historical berm (raised barrier) made from builders' rubble separated formal and informal residential areas in Hermanus, until the local council decided to remove it. The challenge was finding a solution for the berm rubble.

Solution

Iselula Crushing provided a solution by crushing and using the material in several construction projects in the area. They used the material as fill material for a secondary school site in Stilbaai, fill and G5 material for roads and parking lots at a school in Hermanus, and material for sidewalks on various projects. WA Bishop Transport also used the screened fill material for various projects around Hermanus, and screened oversize/pioneer aggregate for use as drainage at the new mall in the area.

This project initially provided four temporary jobs, which became permanent as a result of a growing demand for builders' rubble as a secondary construction material.

Business and other benefits

Materials recovered	19 600 tonnes of rubble was processed and removed from the site.
Savings (material costs*)	R2.4 million
Savings (landfill costs)	R2.1 million

*Calculated as the cost of virgin material less the cost to crush and re-use builders rubble.

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