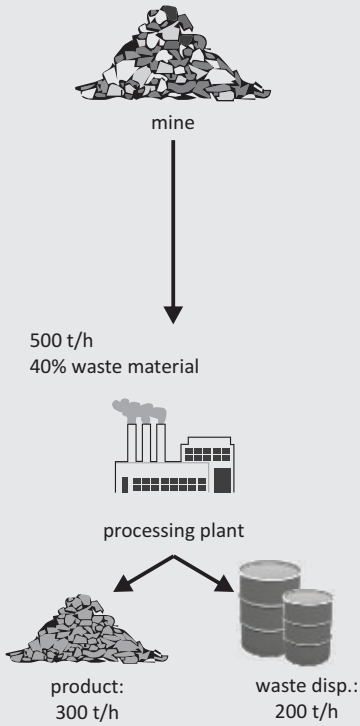


Case Study: Quartz

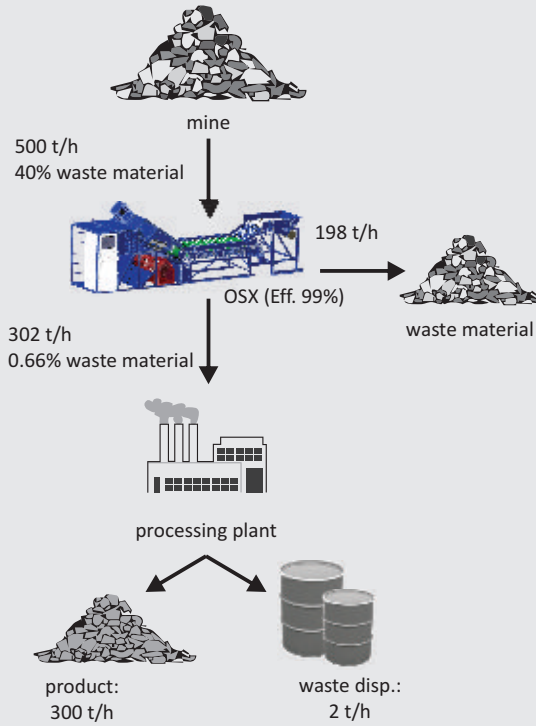
Initial Waste Material Concentration in Feed = 40 %

Today's Solutions



Comex

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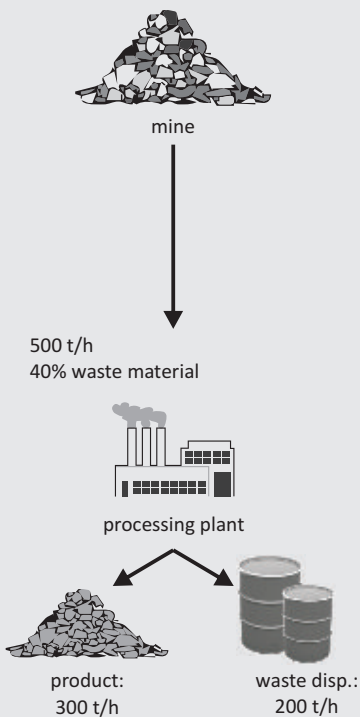
Let us assume that we have a material stream out of the mine with a capacity of 500 t/h. This stream has the waste material content of 40%

The material stream enters the OSX, which in this case has the separation efficiency of 99%.

By implementing OSX into the existing quartz plant facilities, you can achieve huge savings when it comes to waste disposals and transport requirements between the mine and the processing plant.

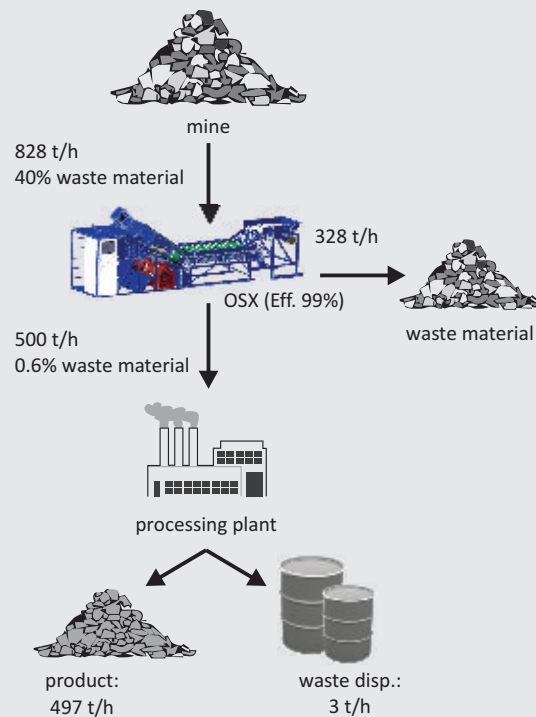
Results: Waste disposal reduction after processing: - 99%
Reduced transport requirement from the mine to the plant: - 40%

Today's Solutions



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Let us assume that we have the same material stream into the processing plant as before (500 t/h). However by using the OSX, we reduce the concentration of the waste materials in this stream, which affects the production capacity.

By increasing the material stream out of the mine (with the same 40% fraction of waste material), we can increase the production capacity by 66%. In addition we also reduce the waste disposal after processing by 99%

Results: Production capacity increase: + 66%
Waste disposal reduction after processing: - 99%