

INDUSTRIES



mining



chemicals



building



food



agriculture



bio fuels

MEASURING MOISTURE IN SOLID TAILINGS (Magnetite-rich)

Application Note

Customer

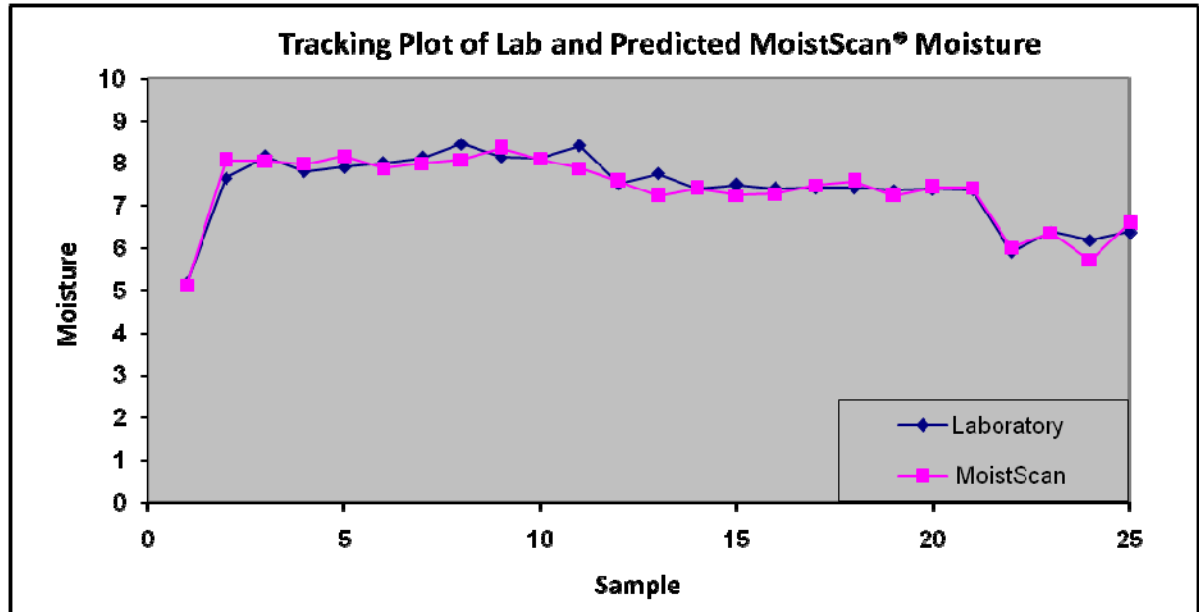
Our customer based in Australasia has a portfolio of operating mines and projects located across five continents, as well as large land positions on some of the most prolific mineral trends.

Installation

A MoistScan[®] MA-500HD online microwave moisture analyser has been installed on a conveyor leading from the tailings hopper to a transfer point which leads to the cement mixer.

Benefit

The MoistScan[®] analyser is used to provide instant feed-forward control to the transfer point where the correct balance of cement and water are added.



Application Summary

Material	Solid Tailing (Magnetite-Rich)
Instrument	MA-500HD Series 2
Location	On conveyor
Bed Depth	275mm
Particle Size	N/A

Moisture	4 - 10%
Belt Speed	N/A
Temperature	Ambient
Precision	N/A
Use	Process automation and feed-forward control