

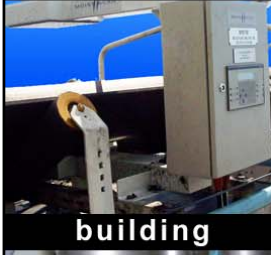
**INDUSTRIES**



mining



chemicals



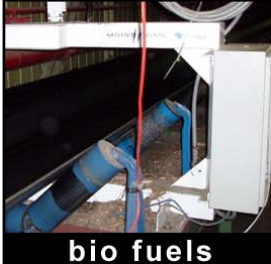
building



food



agriculture



bio fuels

**MEASURING MOISTURE IN TAILINGS**

**Application Note**

SN: 07-035

**Customer**

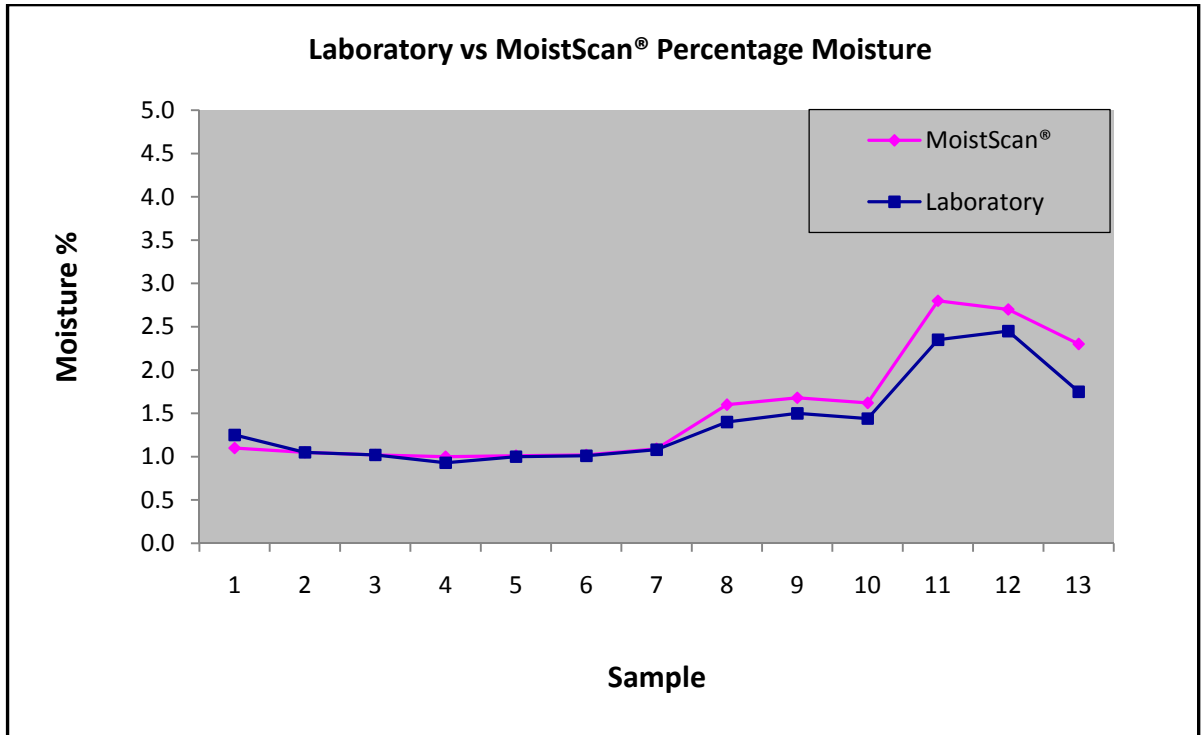
Our customer, located in Brazil has the capacity to process 35 thousand tons of copper concentrate per year.

**Installation**

A MoistScan<sup>®</sup> MA-500HD online microwave moisture analyser has been installed on the conveyor belt that takes the material to the number one drier.

**Benefit**

The MoistScan<sup>®</sup> analyser incorporated into the feed moisture into the control algorithm to improve the efficiency of the system which will save significant amounts of fuel.



**Application Summary**

<b>Material</b>	Nickel Ore
<b>Instrument</b>	MA-500HD Series 2
<b>Location</b>	On conveyor
<b>Bed Depth</b>	100 - 300mm
<b>Particle Size</b>	<2.5 inch

<b>Moisture</b>	25 - 30%
<b>Belt Speed</b>	250 - 400tph
<b>Temperature</b>	20 - 30°C
<b>Precision</b>	±1.0%
<b>Use</b>	Process automation