



## Press Release

### **Anglo American Selects CiDRA *SONARtrac*® Process Monitoring Technology for Los Bronces Mine**

Wallingford, CT – August 25, 2009: CiDRA Minerals Processing announced today that Anglo American, a global leader in mining, has selected *SONARtrac*® Flow Monitoring systems for use in critical slurry lines in their Los Bronces Division mine in Chile. Anglo American's wholly owned Los Bronces mine is a large open pit copper and molybdenum mine in central Chile which is currently undergoing a large expansion to boost its copper production up to an average of 400,000 tons annually by 2011.

The ore extracted is crushed and transported in an ore slurry pipeline that is 56 km long and descends 2,600 meters to the Las Tortolas flotation plant, where copper and molybdenum concentrates are produced. The mine also produces copper cathodes. In 2008, Los Bronces produced 236,000 tones of fine copper, including high purity cathodes and copper concentrate.

CiDRA's *SONARtrac* flow monitoring technology is a new class of industrial flowmeter, utilizing measurement principles that are distinct from all other flowmeter technologies operating in the mining industry. It is particularly well suited to measuring difficult slurry flows in large diameter pipes such as in Anglo American's Los Bronces concentrator plant and slurry hydrotransport pipeline. The non-intrusive system makes no contact with the slurry and can be removed and reinstalled without stopping the pipeline flow. It is able to operate on pipes with and without internal linings, and is completely insensitive to internal pressure thus making it easy to install in the most desirable locations for flow measurements.

Anglo American's Los Bronces mine has selected *SONARtrac* Flow Monitoring Systems for use on their slurry pipeline and in their concentrator plant. The pipeline presented challenges such as very high internal pressures and rubber lining, both of which can cause problems and expense for

other flow measurement technologies. The concentrator presented challenges such as highly abrasive slurry flows which causes excessive abrasive wear for invasive type flowmeters, thus degrading their performance and eventually requiring periodic replacement with the associated costs and operational complications. The *SONARtrac* Flow Monitoring Systems are not affected by these issues.

Because the *SONARtrac* system is non-intrusive and does not contact the abrasive slurry, there is no abrasive wear that can degrade performance and shorten the product life. The combination of these unique features was important to Anglo American's selection of the *SONARtrac* technology for their critical hydrotransport slurry pipeline and in their concentrator plant.

Additional information about CiDRA can be found at [www.cidra.com](http://www.cidra.com).

*SONARtrac* is a trademark of CiDRA.

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