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Mid year greetings from ROCKLABS.

It has been 7 months since our last newsletter, but it feels like 12 months due to the high level of activity in the mining industry at the moment. Because of this we are experiencing unprecedented demand for our equipment and reference materials. This has put pressure on our delivery times. We will keep you regularly updated on the progress and dispatch dates for your orders. Please keep us updated on your medium term requirements so we can plan production and our suppliers.

We have recently implemented a new ERP computer system to improve our production and inventory processes. This meant that we had to change our product codes. I apologize for any difficulties that this may have caused some of you. We are in the process of updating all our manuals to reflect the new codes, and we have available a spreadsheet that shows both the old and new numbers. You can still order under the old part number, but the order confirmation and invoice will have the new code. We are confident that the new system will enable us to better meet your needs for our products.

After some delays due to implementing a number of improvements based on the unit currently on field trial, the Automated Batch Mill announced in the December newsletter will be available for sale from August.

We are also pleased to announce the launch of the RM2000 mill, featured in this newsletter (page 3). We have developed it after receiving many requests from you for it and fill a gap in our pulveriser product range. We will be sending you details including brochures on both the Automated Batch Mill and RM2000 by the end of July.



*Automated Batch Mill (ABM)*



*Rocklabs sales conference in Atlanta, USA*

Cheers,

Mike Peffers  
General Manager

Rocklabs held our first agent sales training conference in March this year in conjunction with Pittcon in Atlanta. It was attended by 14 agents from around the world. It was great to see everyone together learning about our new products and sharing their Rocklabs experiences. Following on from this, we will be holding a technical training conference in New Zealand later this year.

Lastly, we will be exhibiting at a number of conferences over the coming months, including the World Conference on Sampling and Blending in Chile in October. I invite you to come and see us at these. We look forward to seeing you.

[World Leaders in Sample Preparation Equipment,  
Automated Systems and Certified Reference Materials](#)

## Automated Sample Prep System for Barrick Gold



### ROCKLABS AUTOMATED SYSTEM INCORPORATING AN AUTO BATCH MILL

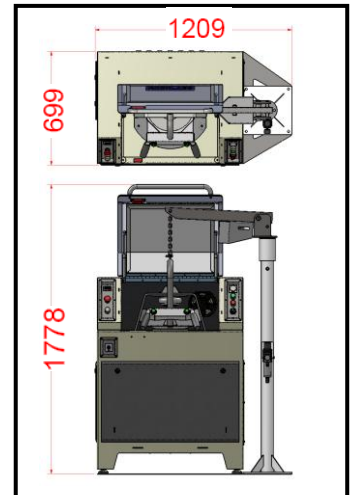
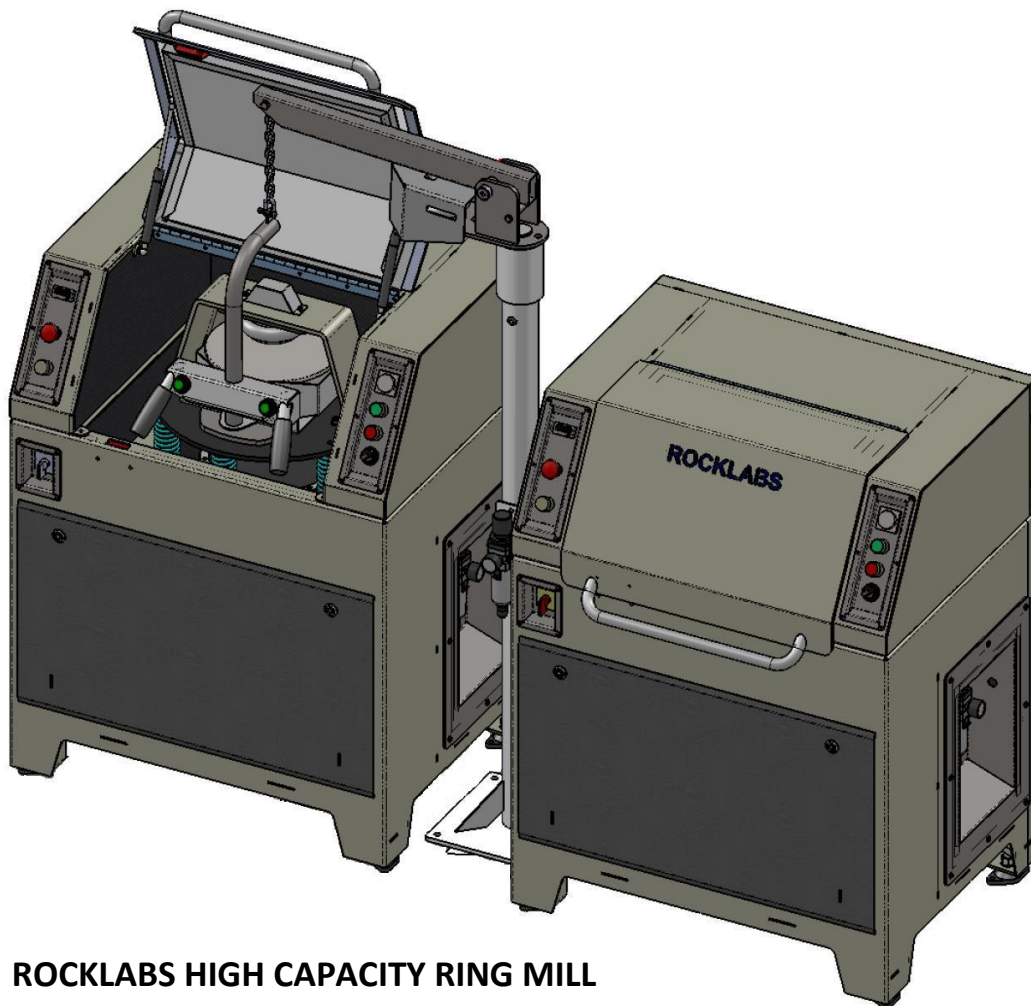
This Automated Sample Prep System was designed and built for Barrick Gold at Cortez in the USA. The specification was to process samples from 100g to 10kg of size, at 18-20 samples per hour. This system will process a maximum particle size of 55mm with a final particle size of 95% -75microns.

The Auto Batch Mill (ABM) attached to the end of the system can hold up to 20 samples per batch with a programmed sand wash in between samples. The number of sand wash in between samples can be adjusted with the LCD touch panel.



Cortez System installed onsite

## RM2000 – High Capacity Ring Mill



### ROCKLABS HIGH CAPACITY RING MILL

- Maximum sample of 1500g
- Output particle size -75microns
- Air lifting assistance for the large Head
- Full safety interlocking system
- Operate below 80db
- Carbon or Chrome Steel Head available

The ROCKLABS RM2000 is designed to process large samples with a maximum sample weight of 1500g and a final particle size of -75microns. Fully constructed with metal for long lasting and powder coated finish for ease of cleaning.

The RM2000 has a pneumatically operated lifting arm for lifting and lowering the Head during loading and unloading of each process.

## Reference Materials Highlights

**Question:** When starting a new Reference Material what Standard Deviation should be used to calculate process limits?

**Answer:** Rocklabs provides an Excel template for plotting Reference Material results, free of charge, to all its customers. This template automatically calculates the process limits based on the robust relative standard deviation of the results that have been plotted. When starting with your first few results, however, there is not an adequate number of results to calculate a meaningful standard deviation and consequent process limits. The template we provide has the facility to add in your own standard deviation when starting a new plot. The template will calculate the process limits based on this standard deviation for the first 24 results and then automatically calculate the process limits based on the actual results being plotted once the 25<sup>th</sup> result has been entered. The standard deviation being measured is a property of the laboratory procedure and not a property of the Reference Material, providing of course, a good quality Reference Material is being used. The laboratory should know the standard deviation of its laboratory procedure for the method being used for your samples and can advise you of it. Alternatively, if you have plotted results of other Reference Materials (of similar gold concentration) in the recent past and which have been analyzed by the same laboratory using the same method, you can enter the robust relative standard deviation obtained from them. The Reference Materials used in the recent past do not have to have exactly the same gold concentration, or even the same manufacturer, as long as they are of good quality.



### 2011 News Briefs

- **Commissioned the two latest AP300 lines for SGS Chile in June.**
- **Completed an Automated System Upgrade for Newmont in Nevada, US in June.**
- **Appointed EPCO as an agent in China. EPCO have been working with our parent company, Scott Technology, for a number of years. They have offices in Beijing and Shanghai.**
- **Appointed Zagatkhon Stones as our agent in Mongolia. Zagatkhon have been working in the growing Mongolian mining sector for a number of years supplying a range of products including container accommodation.**

### Up Coming Conferences 2011- 2012

**1-5 Aug - DXC 2011 - Colorado, USA**

**12-15 Sept - CMA - Sudbury, Canada**

**21-23 Sept - SMA - Nevada, USA**

**25-28 Oct - WSCB5 (Stand 17) - Santiago, Chile**

**19-22 Feb - SME 2012 (booth#2457) - Seattle, USA**