



29 August 2013

## **Mumbwa Project Update**

Blackthorn Resources Limited (ASX: BTR) ("the Company") is pleased to provide the following update regarding the Mumbwa Project.

### **Prefeasibility Study (PFS)**

The prefeasibility study work for the Kitumba Project is currently being completed with the consultant's report soon to be finalised. The summary results of the PFS will be announced once the outcomes have been reviewed by the Company expected to be within the next week or so.

The PFS is targeting an underground operation focussed on the high-grade core of the deposit, using a combination of flotation and Solvent Extraction and Electro Winning (SXEW) processing technology.

### **Assay results**

Additional assay results from Phase 7 drilling are also due in the near future with the next batch expected to be released to the market during the week ending 6<sup>th</sup> September.

There is visual evidence of mineralisation in core samples taken from the infill drilling program, with readings taken by the hand-held XRF indicating further high-grade Cu results. Examples of mineralisation intersected in hole KITDD-028 are shown in Figure 1 and Figure 2.

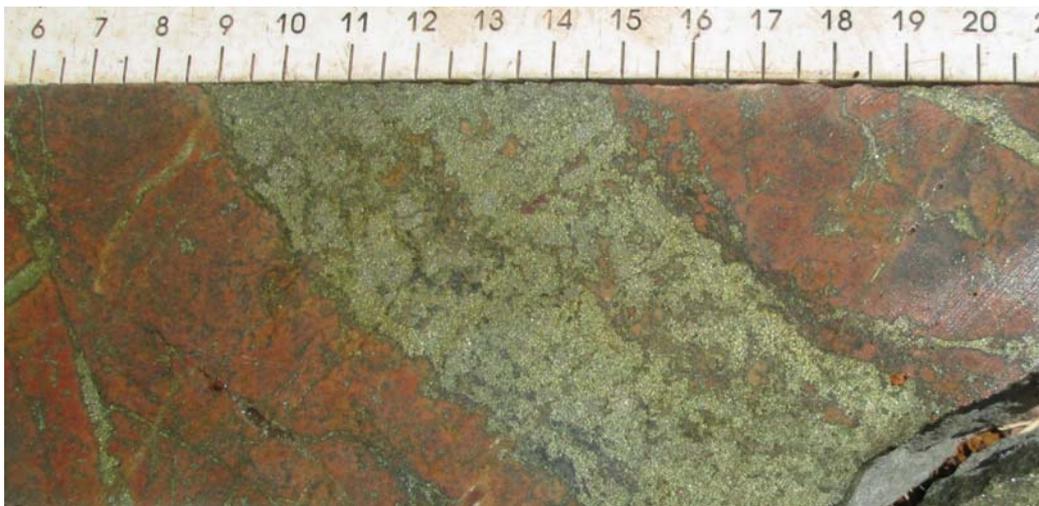
Once all the results from the approx. 8,000m of drilling from the 14 holes in this phase have been received, the Company intends to review and update the Kitumba mineral resource statement later in the year.

### **Drilling operations**

Phase 7 drilling is nearing completion. Following completion of Phase 7, the Company will undertake a review of the data and the geological model and reassess its exploration plans for Kitumba and elsewhere on the Mumbwa Project.



**Figure 1.** Massive chalcocite mineralisation intersected at 277.8m in KITDD-028



**Figure 2.** Chalcopyrite-pyrite veining intersected at 479.7m in KITDD-028

**ATTRIBUTION**

The information in this report which relates to exploration results at the Mumbwa Project in Zambia is based on information compiled by Mr Michael J Robertson, MSc, Pr.Sci.Nat., MSAIMM who is a member of The South African Institute of Mining and Metallurgy, which is a Recognised Overseas Professional Organisation ('ROPO'). Mr Robertson has 22 years' experience in mineral exploration and is a full-time employee of The MSA Group. Mr Robertson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaken to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Robertson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**Should you require further information please contact:**

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