



11 September 2013

DRILLING TO COMMENCE ON THREE NEW TARGETS NEAR KITUMBA

KEY POINTS

- **Diamond drilling underway at three new priority targets identified near Kitumba.**
- **Targets based on detailed interpretation work that has highlighted a series of IP anomalies hosted in prospective lithologies (Hooke granitoids) and in favourable structural positions.**

Blackthorn Resources Limited (ASX: BTR) (“the Company”) is pleased to provide the following update on activities at the Company’s 100% owned Mumbwa Project in Zambia which hosts the flagship Kitumba deposit.

Targeting

Detailed analysis of the Orion 3D IP data collected at Kitumba during July 2012, along with existing datasets (primarily the gravity, magnetics and radiometrics collected during the FALCON™ survey and previous drilling), has identified three prospective targets to be drill tested.

The targets are within a zone of prospective Hooke granitoids and contain a series of structures coincident with chargeability highs, similar to those present at Kitumba.

The three high priority targets (Figure 1) will each be drilled with a single angled hole, drilling at 60-65 degrees. The holes have been designed to test the maximum lateral extent perpendicular to the predominant north-south structure whilst also drilling at depth to penetrate the deep leaching as seen in the vicinity of the Kitumba hills.

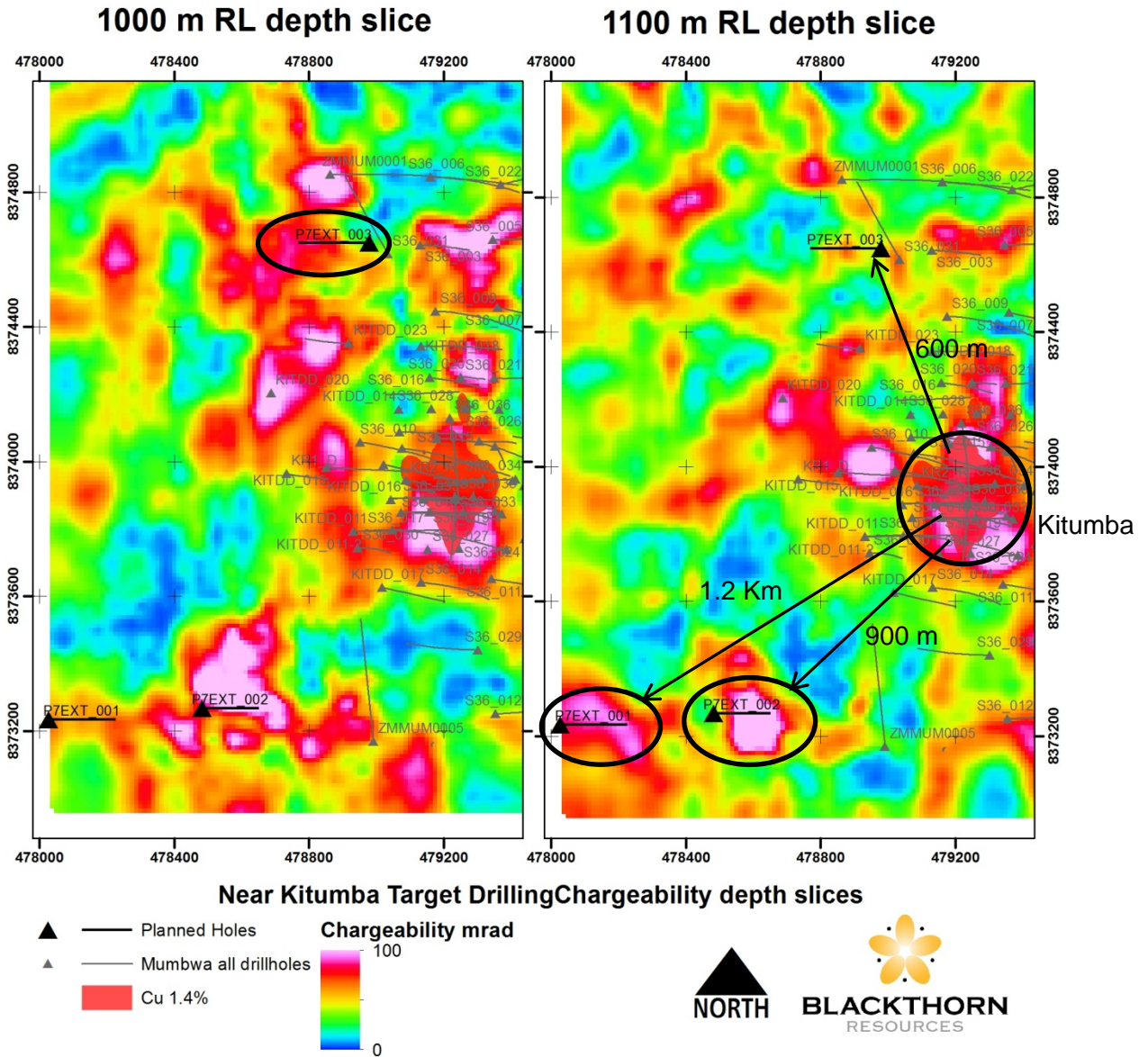


Figure 1. Chargeability depth slices from the Orion 3D IP showing the location of the three drill targets near Kitumba.

Managing Director's Comments

"In addition to the economic potential at Kitumba identified in the recent PFS, we remain optimistic about potential for further discoveries on the licence area and are pleased to have identified these additional priority targets. These areas are within a kilometre of Kitumba, but if found to be mineralised would represent new and separate mineralised zones."

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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