

8 July 2019

Processing Update – Kipoi Operation, DRC

HIGHLIGHTS

- **400tph semi-permanent electric contract crusher in place and being commissioned**
- **Highly encouraging vat leach trial results for vat 1**
- **Fines retreatment plant construction on schedule and budget for completion and commissioning Q3 2019**

Tiger Resources Limited (ASX: TGS) (“**Tiger**” or the “**Company**”) is pleased to update shareholders on recent processing achievements at its 95% owned Kipoi operation in the DRC.

Crushing

The Company has been experiencing significant difficulties with contract crushing performance for some time and has addressed this by deploying a larger semi-permanent electric crushing plant. The crusher has been assembled and is currently being commissioned and has run at the 400 tonnes per hour nameplate capacity. The daily crushing has, on average, increased from c.200tpd to c.2,000tpd and is expected to increase to 4,000tpd once commissioning is completed within the next few weeks. Running an electric crusher is more economical than the diesel-powered units previously employed.

Vat Leaching

Due to the large amount of “fines” (-5mm) material (c.600kt) stockpiled at Kipoi from previous HMS operations, and generated during recent crushing and screening activities, it was identified that a technique for treating this material alongside the existing tank leach operation was needed.

Vat leaching was the technique chosen to augment the processing of this “fines” material, and interim results from vat 1 have been evaluated with highly encouraging recoveries of copper as reported herein. Vat 2 leaching has begun and vat 3 is about to be filled with fines material; results of these vats will be reported in due course.

Vat Leach Performance Summary as at 30 June 2019

	Days under leach	Cu leached (t)	Cu leached (%)	Leachable Cu remaining (t)	Est end date	Est Days remaining
Vat 1	51.4	231.2	64.8%	79.31	29-Jul-19	36

Fines Retreatment Plant

With the switch from TSF1 slimes material to stockpiled “fines” being used as feed to the tank leach circuit the Company experienced a considerable drop in feed rates (90-100tph to 30tph). This was caused by the existing slimes recovery system not being appropriate to deal with large variations in particle size within the “fines” to enable a continuous regulated feed to the tank leach circuit.

As reported in the last Quarterly (March 2019), the Company intended to look at initiatives to increase the feed rate to the tank leach. It has commenced construction of a fines retreatment plant to address this. The plant is expected to increase the current 25-30tph feed rate to a continuous 85-90tph and is on track for completion and commissioning in Q3 2019. The expected cost at completion of this project is USD\$2.4million and the project is currently on track to deliver the plant within this budget.

Executive Chairman, Mr David Frances stated:

“The combination of crushing improvement, vat leaching, and continuous high feed rates to the tank leach will enable the Company to chart a course back to higher steady-state copper production”.

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Figure 1: Semi-permanent 400tph contract crusher in operation.



Figure 2: Vat 1 under construction.



Figure 3: Vat 1 under leach.



Figure 4: Vat 1 outflow 5.7g/l Cu.



Figure 5: Fines retreatment plant under construction.