

Melbourne, 15<sup>th</sup> April, 2015

## Clean TeQ Copper Ion Exchange Technology for Carbine's Mount Morgan PFS

Clean TeQ Holdings is pleased to announce its proprietary ion exchange technology (Clean-iX<sup>®</sup>) has been selected by Carbine Resources Limited (ASX: CRB) as part of its Prefeasibility Study (PFS) for the Mount Morgan Gold/Copper Project in Queensland.

Clean TeQ will work with Carbine and their elected engineers GR Engineering to integrate the Clean-iX<sup>®</sup> process into the flow sheet which reprocesses gold, copper and pyrite tailings at the mine. Clean-iX<sup>®</sup> will be used to recover copper, reducing cyanide consumption in the gold circuit, as well as produce a valuable copper by-product, to improve the overall project economics.

During the PFS, the companies also will work together to assess the use of the technology in cyanide recovery and water treatment.

Clean TeQ and Carbine entered into an MOU in November 2014 to investigate commercial avenues for the companies to work more closely together for the development of the Mount Morgan project.

Carbine completed a scoping study in November to confirm the technical and economic viability of the proposed flow sheet, which included the use of Clean-iX<sup>®</sup> for copper recovery. The scoping study confirmed capital costs of A\$81.9M and all-in sustaining costs of US\$393/oz for a plant processing 1M tonnes per annum of historical tailings.

### For more information about Clean TeQ contact:

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**About Clean TeQ Holdings Limited (ASX: CLQ)** – Based in Melbourne, Clean TeQ, using its proprietary Clean-iX<sup>®</sup> continuous ion exchange technology, is a world leader in resource recovery and industrial water treatment. Clean TeQ Metals Pty Ltd has been established as Clean TeQ's wholly owned subsidiary to build a metal recovery business through securing and developing projects which significantly benefit from Clean TeQ's unique hydrometallurgical processing capability.

**About Carbine Resources Limited (ASX: CRB) and Mt Morgan** – Carbine Resources has an earn-in agreement with Norton Gold Fields Limited (ASX: NGF) to acquire the mining leases over the historic Mount Morgan mine (see CRB's ASX Announcement 03 April 2014). The mine itself operated for more than a century producing vast quantities of gold, copper and silver and leaving behind significant metal containing tailings.

For more information about Clean TeQ please visit the Company's website at [www.cleanteq.com](http://www.cleanteq.com).

For more information on the Mount Morgan Project please visit Carbine's website at [www.carbineresources.com.au](http://www.carbineresources.com.au).