



Mount Gibson Iron Limited

MEDIA RELEASE

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Innovative MGX drone water sampling initiative a finalist at CME Safety and Health Innovation Awards

Mount Gibson Iron Limited is pleased to congratulate Talling Peak Environmental Superintendent Ben O'Grady for being named a finalist at the Chamber of Minerals and Energy's 2016 Safety and Health Innovation Awards.

Almost 50 companies submitted nominations for the awards, with Mount Gibson being the only mid-tier miner to make the select group of nine finalists battling it out for the three separate award categories: People, Systems and Engineering.

Ben was selected as a finalist for the Systems Award for the innovative development and use of a remotely operated drone (or Unmanned Aerial System) to collect surface water samples from the abandoned T6 pit at Talling Peak. Collection of pit water samples is a regulatory requirement of the Company's approved closure plan at Talling Peak.

The development of the unique drone, designed and built to meet Mount Gibson's specific requirements, enables the remote collection of 1L water samples without the need for a field technician to enter the potentially dangerous abandoned pit. In addition to removing the safety risk posed by entering a potentially unstable abandoned pit, the use of the drone also eliminates the need for costly geotechnical investigations and ground stabilisation activities.

The system involves a conventional drone fitted with floats and a unique but simple tray that allows it to land on the surface of the pit lake and then collect and transport the water sample back to the operator

The system was developed in conjunction with Irys Pty Ltd, established by young local entrepreneur Kyle Nebel.

It was a tremendous achievement for this simple, low cost and common sense solution to a high potential safety risk to be selected as a finalist.

Ben and Kyle's success is something of which the entire Mount Gibson team can be proud, and is a great example of the MGX Way, particularly the Company's commitment to safety, agility and thinking outside the square.

Congratulations again to Ben and Kyle for this outstanding achievement.

A video of the drone in action is available here: <https://www.youtube.com/watch?v=rx4nmuielDM>

For more information:

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Mount Gibson's Ben O'Grady (right) with drone developer Kyle Nebel at the 2016 CME Safety and Health Innovation Awards.