

Digital Proof

Fuller

Date

16 August 2021

Size

A4 double sided

File Name

MEX_040 EnviroCopper Kapunda Flyer



Initial
Concepts



Concept
Refinement



Detailed
Changes



Additional
Changes*



Changes after Proof 4 may incur additional hourly charges.

While every care has been taken to ensure artwork is correct, final responsibility lies with the client to ensure all details have been thoroughly checked before final approval.



MinEx CRC



Kapunda Drilling Trial

MINEX CRC IS THE WORLD'S LARGEST MINERAL EXPLORATION COLLABORATION BRINGING TOGETHER INDUSTRY, GOVERNMENT AND RESEARCH ORGANISATIONS, BACKED BY:

- \$50M cash from the CRC Program
 - \$41M cash from geological surveys and industry
 - \$51M non-staff in-kind
 - \$78M or 311FTE staff in-kind
- TOTAL \$220M**

WHAT IS THE MINEX CRC KAPUNDA DRILLING TRIAL?

MinEx CRC will undertake a drilling trial collaborating with EnviroCopper to trial new safer, cheaper and environmentally friendly mining technology.

WHEN WILL THE DRILLING TRIAL TAKE PLACE

The drilling trial will be undertaken in September 2021.

HOW LONG WILL THE DRILLING TRIAL LAST?

The drilling trial will be undertaken over four weeks.

WHAT IS MINEX CRC?

MinEx CRC is a research organisation funded by the Federal Government, Major Mining, Mining Equipment and Technology Services (METS), Geological Survey and Research organisations.

There are few, if any, remaining major, new mineral deposits that are exposed at the earth's surface to be found in Australia.

MinEx CRC's research will address this problem through the first of their three research programs.

PROGRAM 1: DRILLING OPTIMISATION

Technology that will deliver more discoveries and reduce the cost of developing these discoveries. The world first CT Drill Rig for mineral exploration will reduce the cost of developing these discoveries.

WHAT TECHNOLOGY WILL THEY BE TESTING?

MinEx CRC will be testing the world first RoXplorer® CT drill rig for mineral exploration and associated technologies.

HOW LARGE IS THE DRILL SITE?

The drill site footprint will be 15x10 sqm.

WHO ARE ENVIROCOPPER?

EnviroCopper are specialists in InSitu Recovery (ISR) of metals including copper and gold. InSitu Recovery (ISR) can provide substantial benefits over conventional mining in the right geological setting as it delivers a low cost method of mineral extraction with minimum environmental footprint and without restricting land access.

EnviroCopper's collaboration with MinEx CRC supports further technological advancements in low footprint, environmentally friendly "smarter" mining.



Australian Government
Department of Industry, Science,
Energy and Resources

AusIndustry
Cooperative Research
Centres Program

ENVIRO
COPPER
THE INVISIBLE MINE

FOR MORE INFORMATION:

minexcrc.com.au
envirocopper.com.au



WHAT IS CT DRILLING?

Coiled Tubing drilling offers the potential for rapid, safe, energy and water-efficient drilling at a fraction of the cost of conventional techniques. MinEx CRC is building on the RoXplorer® CT technology developed by DET CRC and deployed to field trials in Nevada in 2018. The Nevada trials confirmed the potential of CT drilling but showed that we could improve our fluid management, streamline sampling procedures and reduce the footprint of our drill site. The Kapunda drilling trial represents the next generation of CT drilling, with these improvements added to the platform.

WHY KAPUNDA?

Kapunda has a history of innovative mining techniques (Cornish Beam Engines) and more recently with the research by EnviroCopper into potential extraction of the remaining copper via ISR. The site access and geology of the area is well suited to testing this new generation of drilling.

