

## **BENEFITS OF COLLABORATION TO ADVANCE ISR TECHNOLOGIES AT THE KAPUNDA COPPER PROJECT**

By

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### **ABSTRACT**

EnviroCopper's Kapunda copper in-situ recovery (ISR) project in South Australia, is leading the way in applying technological advances for In-Place Mining. The project, located in an historic mining jurisdiction, with a JORC compliant resource of 47.4 Mt @ 0.25% Cu for 119,000t of Cu, will see a stranded mineral deposit revitalised as Australia's first fractured rock copper ISR project.

Our long developmental stages have been well presented at ALTA since 2017. Close to pre-feasibility, EnviroCopper has overcome a number of regulatory hurdles in order to open up more opportunities for projects in stranded deposits so other junior companies can follow suit in the growing ESG space.

This presentation will summarise the key outcomes of ECL's development of a Copper ISR template using Kapunda as a demonstration site and how collaboration with industry and institutions over the years has significantly contributed to our success, leading to partnering with OZ Minerals for \$2.5M for the next step in realising the economic potential of smaller, low grade copper deposits with an inground Site Environmental Lixiviant Trial (SELT).

Under the umbrella of the Think and Act Differently (TAD) innovation team, OZ Minerals' partnership seeks to complement the work of ECL at the Kapunda site by enabling both companies to build capabilities that can be used to explore the potential at other undervalued orebodies.

TAD's broader program works towards building an ecosystem of partners who explore and accelerate themes that prioritise social and environmental responsibility for the development of modern mines. Central to TAD's success is the active participation of a network of people from across multiple industries, organisations, community groups, governments, research organisations and others who want to play a role in solving complex challenges in the resources sector.

*Keywords: in situ recovery, copper, collaboration, SELT, TAD, partnerships*