

SENSORE KICKS OFF CSIRO COLLABORATION

SensOre Ltd (**SensOre**) has commenced a joint project with the Commonwealth Scientific and Industrial Research Organisation (**CSIRO**) looking at automation and efficiency in big data cleaning and processing solutions for the mineral resource sector. Access to high quality datasets has in the past been an obstacle to applying cutting edge predictive analytics to solve geoscience and mineral exploration problems.

The joint project will see several CSIRO data science experts embedded within SensOre over the next six months.

“SensOre is committed to world-leading mineral exploration research and development. This is the second time SensOre has worked with CSIRO and the engagement has led to order of magnitude improvements in our approach. Australian Government support such as the Kick-Start initiative are important for Australian technology companies looking to grow globally,” said Richard Taylor.

The joint project benefits from CSIRO’s Kick-Start initiative for innovative Australian start-ups, providing funding support and access to CSIRO’s research expertise. The program offers eligible businesses matched funding of up to \$50,000 to undertake research activities.

CSIRO Mineral Resources

CSIRO partners with companies large and small to provide innovative solutions for mineral resource discovery, processing, productivity and sustainability. Partnerships aim to create a more productive, safe and sustainable future – driving triple bottom line benefits for all.

CSIRO Mineral Resources is one of the largest minerals research groups in the world, with more than 40 years’ experience in delivering innovation and solutions across the mineral resources value chain. CSIRO aims to build on research and breakthrough science, state-of-the-art equipment and facilities, a century of know-how and an extensive IP portfolio to develop and transfer innovative technology to market.

SensOre Background

SensOre aims to become the top performing minerals targeting company in the world through the deployment of AI and machine learning technologies, specifically its Discriminant Predictive Targeting (DPT®) workflow. SensOre collects all available geological information in a terrane and places it in a multi-dimensional hypercube or Data Cube. SensOre’s big data approach allows DPT® predictive analytics to accurately predict known endowment and generate targets for further discovery.

SensOre, through its wholly-owned subsidiary Yilgarn Exploration Ventures Pty Ltd (**YEV**), has more than 600km² of wholly-owned tenements in the Yilgarn. The tenements were identified using a ‘Data-Cube’ containing over 1,800 data layers and +14 billion discrete data points. SensOre has raised funds to drill a number of these anomalies in 2020. The holdings include the North Darlot Joint-Venture near Red Mining’s (ASX: RED) Darlot exploration area and the Desdemona North Earn-in with Kin Mining NL (ASX: KIN), which SensOre also concluded through YEV and was announced on 20 December 2019. YEV may earn 75% in Desdemona North by funding \$3.5 million in expenditure.

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