

NEW COLLABORATIVE GRAVITY SURVEY HIGHLIGHTS POTENTIAL AT THE TEA WELL JOINT VENTURE

KEY POINTS

- SensOre is pleased to announce the results of a ground gravity survey over our Tea Well joint venture project, east of Meekatharra in Western Australia
- The survey was completed as a collaboration with Great Boulder Resources Ltd (ASX: GBR) on its Side Well Project containing the Mulga Bill prospect
- Gravity low features identified for drill testing in 2022
- Follow-up work is underway to assess the effectiveness of historical drilling

SensOre Ltd is pleased to announce the results of a new gravity survey over the eastern part of the Tea Well JV. As announced on 20 August 2021, SensOre and GBR collaborated to combine GBR's Side Well gravity data with SensOre's Tea Well gravity data. This merged data will allow both companies to build an improved understanding of the regional setting of their respective projects. GBR has had ongoing success at the Mulga Bill prospect along strike to the north of the Tea Well and survey area.

"Great Boulder's discovery at Mulga Bill continues to grow and it highlights the potential of an area that has been largely ignored by previous explorers within 20km of the multimillion ounce Meekatharra gold camp. The project further highlights the effectiveness of SensOre's technology in identifying prospective areas that have been overlooked previously," said CEO Richard Taylor.

The gravity survey has identified a series of gravity low features within the north-south trend, along strike from Mulga Bill, which represent high priority drill targets for early 2022.

The Greater Tea Well Project is located in the Meekatharra-Wydgee greenstone belt in the Murchison domain of the Youanmi Terrane of the Yilgarn Craton. SensOre and its subsidiary Yilgarn Exploration Ventures (SensOre 60% and DGO 40%) have interests in a number of projects located in the Meekatharra region including Tea Well, Tea Well JV, Sandstone Road JV and Tea Well East (application).

The greenstones in the district have been divided into an older 2.82–2.8Ga Norie Group, consisting of mafic-ultramafic units (Singleton or Murrouli Basalt) overlain by felsic volcanics, volcaniclastics and a jaspilitic banded iron formation (BIF) (Yaloginda Formation), and an upper sequence of the 2.8–2.74Ga Polelle Group of mafic volcanics overlain by felsic volcanics and volcaniclastics. The greenstones have been intruded by Archaean granitoids and acid porphyries as well as later Proterozoic dykes.

In the central part of the Tea Well project, the younger Polelle sequence is folded and forms an open south-plunging syncline. Lithologies are dominated with komatiitic basalt and basalts with minor felsic tuffs. These volcanics are underlain by the older BIF and felsics of the prospective Yaloginda Formation and basal basalts of the Singleton or Murrouli Basalt, locally intruded by dolerite dykes. Numerous later northeast and east-west striking faults transect the project area. Weathering throughout the project is variable with the Polelle mafic sequence exposed across the central part of the project, however, the north-south striking sequence hosting Mulga Bill, on the eastern limb of the syncline, is deeply weathered and often overlain by Tertiary transported cover.

While the eastern Polelle area does not currently contain any significant resources, recent exploration success by Bryah Resources Ltd (ASX: BYH) at Gabanintha and GBR at Mulga Bill and emerging surface geochemistry work by Castle Minerals Ltd (ASX: CDT) highlight its potential.

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Figure 1: Greater Tea Well showing new gravity survey outline, over 1VD aeromagnetics, historical DMIRS WAMEX drilling and the Meekatharra gold camp location





Figure 2: Greater Tea Well project showing regional gravity over 1VD aeromagnetics with DMIRS WAMEX drilling

MEDIA ENQUIRIES

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ABOUT SENSORE

SensOre aims to become the top performing minerals targeting company in the world through the deployment of artificial intelligence and machine learning (ML) technologies, specifically its Discriminant Predictive Targeting[®] (DPT[®]) workflow. SensOre collects all available geological information in a terrane and places it in a multidimensional hypercube or data cube. SensOre's big data approach allows DPT predictive analytics to accurately predict known endowment and generate targets for further discovery.

The SensOre Group has built a tenement portfolio of highly prospective, wholly-owned and joint ventured technology metals tenement packages located in Western Australia. As the capacity of SensOre's AI technologies expand to new terranes and a broader range of commodities, the Company anticipates that new targets will be identified and acquired in Australia and internationally.

SensOre's DPT technology has been developed over many years and involves the application of new computer assisted statistical approaches and ML techniques across the workflow of mineral exploration. The workflow includes data acquisition, data processing, ML training, ML prediction and analysis through DPT. SensOre has acquired numerous data sets and used these to generate mineral system targets. Targets have been analysed and vetted by SensOre's experienced exploration geoscientists. Publicly available data in the form of geophysics, surface geochemical, drilling and geological layers and derivatives have been compiled into a massive data cube covering much of Western Australia. SensOre believes that the combination of big data and ML techniques will provide the next generation of exploration discovery.

COMPETENT PERSON'S STATEMENT

The information in this announcement that relates to Exploration Results and Mineral Resources is based on information compiled by Robert Rowe, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy (AUSIMM) and is a Registered Professional Geoscientist in the field of Mineral Exploration with the AIG. Mr Rowe is a full-time employee and Chief Operating Officer of SensOre. Mr Rowe has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the *Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves*. Mr Rowe consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.