

SENSORE READIES FOR DRILLING AT MAYNARDS DAM & MARLOO IN WA

HIGHLIGHTS

- SensOre is preparing for maiden drilling at Maynards Dam and Marloo prospects in the Goldfields region of WA, which have shown potential to host a major gold system
- SensOre’s AI technology has identified two targets in the north of the Maynards Dam project area and additional targets in the south along strike from recent Torque Metals discoveries
- Marloo is a new tenement at Maynards Dam held with Lefroy Exploration subsidiary Monger Exploration
- SensOre has planned up to 5,500m of air core drilling at Maynards Dam and Marloo based on historical results, gravity geophysics and new surface geochemical samples.

Geoscience technology disruptor SensOre Ltd. (ASX: S3N), together with joint-venture partners Torque Metals (ASX: TOR) and Jindalee Resources (ASX: JRL), is pleased to announce imminent commencement of a maiden drill program at Maynards Dam. The project area includes the Marloo project with partner Monger Exploration (a subsidiary of Lefroy Exploration (ASX: LEX)). Drilling will follow recent completion of an initial and extensive heritage survey over the project area.

Chief Executive Officer Richard Taylor said: “SensOre has undertaken extensive work on the Maynards Dam project in the lead up to our maiden drill program including necessary heritage work as a prelude to drilling. Our AI system has identified two special targets in the northern project area and recent surface geochemistry has identified additional targets in the south of the tenement, along strike from recent discoveries by Torque at Strauss and Lady Doris prospects. We are excited by recent and historical results that show the project has potential to host a major gold system. With the recent addition of the Marloo tenement, SensOre has built a significant land package over this prospective domain.”

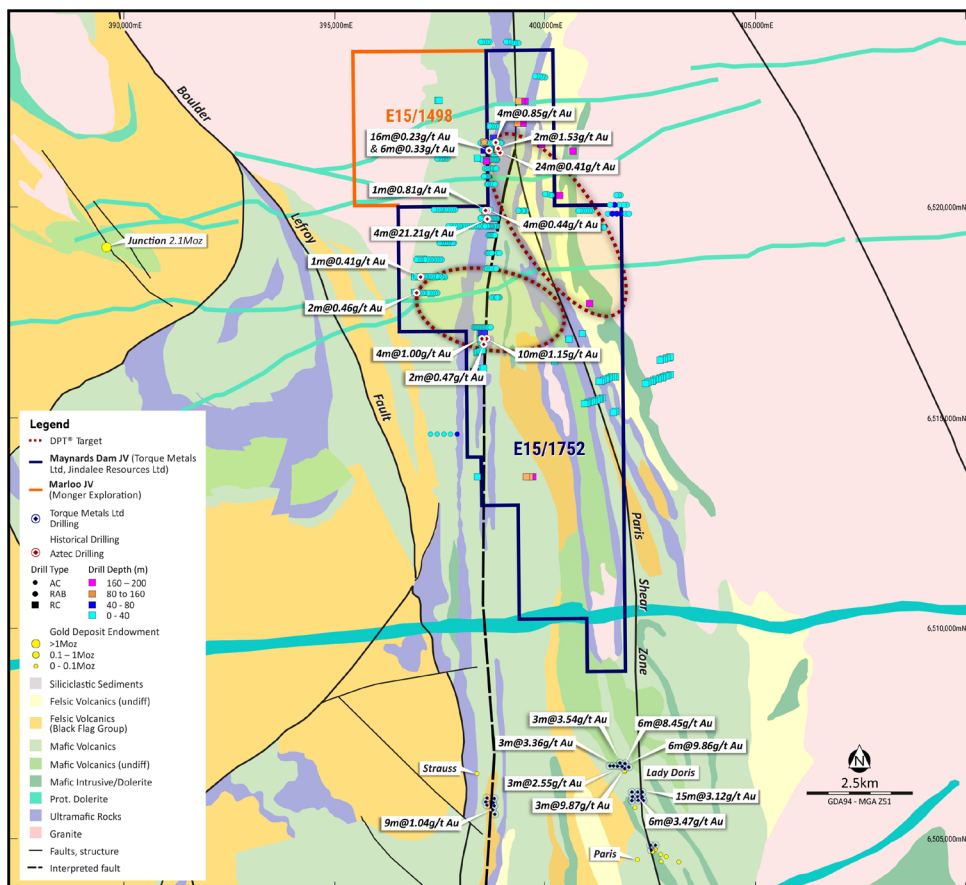


Figure 1: Maynard’s Dam interpreted geology and historical drilling, including recent drilling results announced by Torque Metals south of the Maynard’s Dam and Marloo project area

The Maynards Dam project area is 90km southeast of Kalgoorlie and 25km east of Jindalee Resources' Widgiemooltha Project and Gold Fields' (JSE: GFI) St Ives gold complex. Historical drilling records at Maynards Dam indicate intercepts of up to **4m @ 21.21g/t Au** from 22m.¹ The Maynards Dam project together with Strauss and Lady Doris prospects as well as Paris mine are inferred to be in a similar stratigraphic sequence to St Ives and similar to the Beta Hunt, Revenge and Intrepid deposits. The targets predicted by SensOre's DPT® system are interpreted as potentially analogues for both St Ives and Norseman style gold systems consisting of intrusion related and structurally controlled auriferous quartz veins. A splay off the Boulder-Lefroy Fault, a regionally fertile structure in the Eastern Goldfields, passes down the western side of the project area.

SensOre's air core drilling program at Maynards Dam and Marloo is expected to commence once drilling at Greater Balagundi² is completed. The proposed 5,000m – 5,500m drilling program follows extensive compilation and review of historical exploration activity, reprocessing gravity geophysics at 100m x 200m spacing released in 2021, and the collection and integration of new surface geochemical samples with extensive multielement assays and proprietary analysis by SensOre.

Project background

The Maynards Dam prospect (E15/1752) is held by Jindalee Resources (ASX: JRL). Torque Metals (ASX: TOR) has the rights to acquire an 80% beneficial interest in the tenement. SensOre can earn a 70% interest in the Maynards Dam tenement (51% by expending \$3 million within three years – exclusive of permitting and land access – and 19% by delivering a preliminary feasibility study (PFS)). Torque may buy back 10% by paying \$0.5 million to SensOre within 60 days of completion of the PFS.

The Maynard's Dam area also includes the Marloo tenement, shown in Figure 1. Marloo is a farm-in to E15/1498 with a subsidiary of Lefroy Exploration (ASX: LEX). SensOre has the potential to earn up to a 70% interest by expending \$800,000 over four years.

The extended area looks to increase tenure over the Parker Domain and capitalise on the major north-south trend that hosts significant intercepts reported by Torque Metals³ close to the combined project area's southern boundary.

For further information on the Maynards Dam project refer to the Independent Technical Assessment Report (ITAR) (Appendix A to the SensOre Prospectus released by ASX on 9 February 2022), including the Maynards Dam overview (ITAR section 9.3), historical drilling summaries (ITAR Appendix F) and JORC Table (ITAR Appendix M). Other than as reported in this announcement, SensOre confirms that it is not aware of any new information or data that materially affects the information included in the ITAR in relation to Maynards Dam.

This announcement was approved and authorised for release by the Board of Directors of SensOre.

ENQUIRIES

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¹ PBC038. Refer to the Maynards Dam historical drilling summaries provided in the Independent Technical Assessment Report (ITAR) (Appendix A to the SensOre Prospectus released by ASX on 9 February 2022).

² Greater Balagundi includes the Balagundi and Central Balagundi farm-in projects. With respect to Balagundi, subsidiary Yilgarn Exploration Ventures Pty Ltd (YEV) (SensOre 60%, DGO Gold Limited 40%) is earning an 80% interest in eight tenements (M25/173, P25/2356, P25/2392, P25/2397, P25/2398, P25/2448, P25/2617, P25/2692) by expending \$4 million within four years. In relation to Central Balagundi, YEV is earning an 80% interest in M25/359 by expending \$1.5 million over four years.

³ See Torque Metals ASX announcements dated 18 Aug 2021, 15 Sep 2021, 18 Oct 2021, 15 Dec 2021, 21 Feb 2022, 28 April 2022 and 24 May 2022.

ABOUT SENSORE

SensOre Ltd. (**SensOre** or the **Company**) (ASX: S3N) aims to become the top performing minerals targeting company in the world through the deployment of artificial intelligence (AI) 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 Australian Institute of Geoscientists. Mr Rowe is a full-time employee and the 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 this announcement of the matters based on his information in the form and context in which it appears.

FORWARD-LOOKING STATEMENTS

This announcement contains or may contain certain 'forward-looking statements' and comments about future events, including in relation to SensOre's business, plans and strategies and expected trends in the industry in which SensOre currently operates. Forward-looking statements involve inherent risks, assumptions and uncertainties, both general and specific, and there is a risk that such predictions, forecasts, projections and other forward-looking statements will not be achieved. Forward-looking statements are based on SensOre's good faith assumptions as to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. A number of important factors could cause SensOre's actual results to differ materially from the plans, objectives, expectations, estimates, targets and intentions expressed in such forward-looking statements, and many of these factors are beyond SensOre's control. Forward-looking statements may prove to be incorrect, and circumstances may change, and the contents of this announcement may become outdated as a result. SensOre does not give any assurance that the assumptions will prove to be correct. Readers should note that any past performance is given for illustrative purposes only and should not be relied on as (and is not) an indication of the Company's views on its future financial performance or condition. Past performance of the Company cannot be relied on as an indicator of (and provides no guidance as to) future performance including future share price performance. Except as required by law or regulation, SensOre undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise. Nothing in this announcement should be construed as either an offer to sell or a solicitation to buy or sell SensOre securities.