

## SENSORE OPTIONS AI LEONORA TARGETS

### Highlights

- SensOre has optioned its Leonora AI targets to Red Wolf Resources Pty Ltd (Red Wolf)
- SensOre to receive \$250,000 in equity in Red Wolf on the assets becoming listed and a 1% Net Smelter Return (NSR) royalty on any gold production from the exploration licences
- The option and sale agreement is part of SensOre’s strategy to commercialise AI targets derived from SensOre’s proprietary assets
- Red Wolf has informed SensOre that it intends to combine the Christmas Well and 8 Mile Well Projects with other assets it holds in the area and explore an Initial Public Offering (IPO) in 2024

SensOre Ltd (ASX:S3N) is pleased to announce that it has optioned its Leonora assets, consisting of the Christmas Well and 8 Mile Well projects, to Red Wolf Resources Pty Ltd.

SensOre CEO, Richard Taylor, said “The option agreement provides Red Wolf with a strategic land package near the Genesis owned Gwalia operations. Our AI targeting shows there is more to be discovered in this highly prospective area. The agreement monetises SensOre’s targets following our project generator model.”

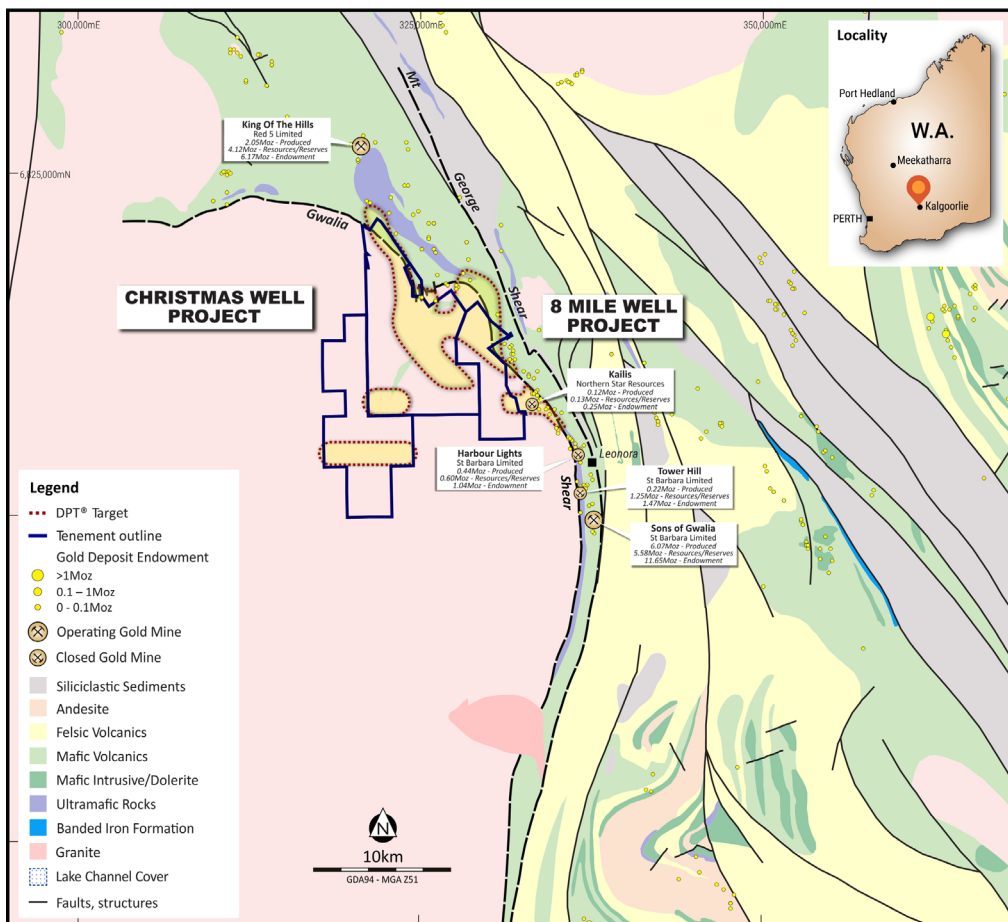


Figure 1: Greater Leonora Camp with AI Targets

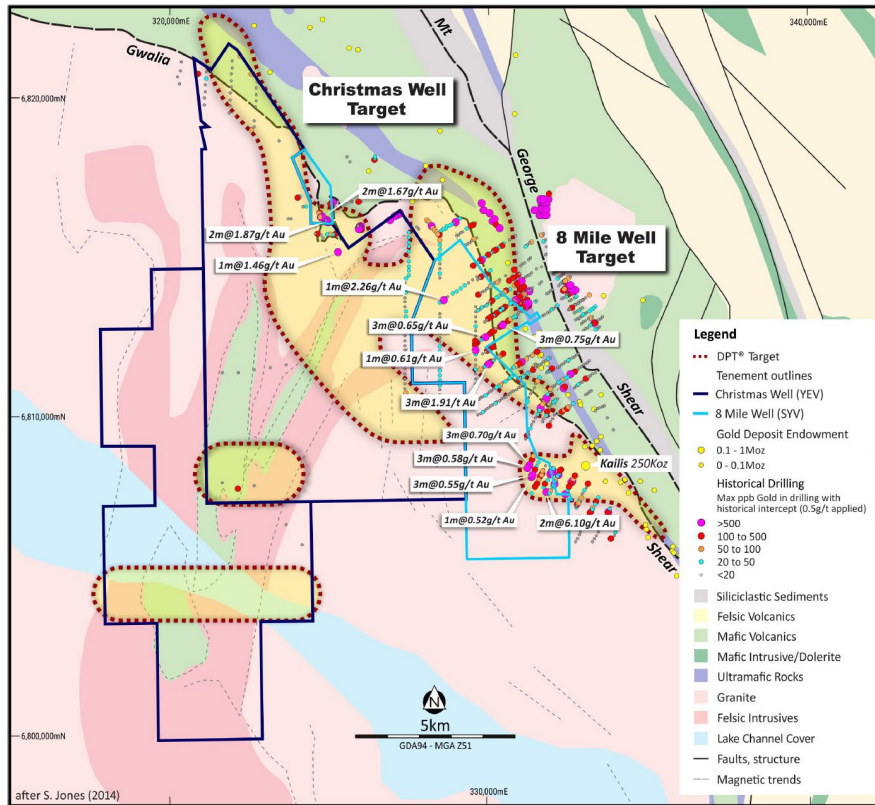


Figure 2: Greater Leonora Project with AI Targets and drilling

The Greater Christmas Well Project tenements are located in the Leonora district of the Boorara Domain in the Kalgoorlie Terrane, separated by the Ockerburry Fault (locally the Mt George Shear, Perseverance Fault) from the Gindalbie Domain of the Kurnalpi Terrane to the east (Figures 1 and 2).

SensOre has generated gold targets in the Yilgarn by applying its Discriminant Predictive Targeting (DPT) within its data cube to +2,500 layers of regional public data sets, including geological maps with enhanced geophysical data and existing geochemical sampling and gold deposit information. Numerous gold targets with a 400 x400m grid cell size were generated in the Yilgarn in this way and classified with an inferred grade, size, and depth, with a probability factor or chance of occurring. To date, a number of target areas have been predicted with untested, well defined mineral target system/s that could potentially deliver an economic gold deposit in the short to medium term.

The Leonora greenstone belt contains the Leonora Gold Operations from Genesis. Mining commenced in 1897 by Herbert Hoover and to date more than 6.7 Moz has been produced with additional resources at the Gwalia mine of 6.37Moz at 5.6 g/t Au (June 2021). The Leonora District contains an older 2.8Ga mafic- ultramafic sequence dominated by an early extensional fabric (Jones, AJES 2014), separated by the Gwalia Shear from the 2.75Ga Raeside granite dome on the west side and overlain by a younger 2.7Ga volcano metasedimentary sequence to the east. The early extensional foliation (2665Ma) is axial planar to the tightly folded gold lodes at Gwalia (G), Tower Hill (TH) and Harbour Lights (HL) deposits. The Tarmoola (King of the Hills) gold lodes crosscut this early foliation and therefore represent a second, later gold event. The Gwalia shear at the edge of the Raeside dome is inferred to be a primary control and fluid pathway for the gold mineralisation.

This announcement was approved by the S3N board.

## Enquiries

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## About SensOre

SensOre aims to become the top performing minerals targeting company in the world through the deployment of 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.