

## DRILLING TO RECOMMENCE AT HIGHLY PROSPECTIVE MOUNT MAGNET PROJECT

### KEY POINTS

- Drilling recommences at Mount Magnet North project with 2,150 metres of RC, including two planned diamond tails
- The program will test a 30-40m wide sub-vertical shear zone which is part of a north-south trending gold mineralised corridor over 2.5km with +0.5g/t Au outlined over 1.2km of strike
- Best intercept includes RC 8m @ 1.98g/t Au from surface within 36m @ 0.60g/t Au (20MNRC008)<sup>1</sup>
- Multielement geochemistry in mineralisation confirms an intrusion related gold-system, an emerging deposit style in the Mount Magnet mining camp
- First Artificial Intelligence (AI) led discovery utilising SensOre's DPT® technology

SensOre Ltd is pleased to announce that drilling will recommence at Mount Magnet North this week with 2,150m of deeper RC drilling, plus two planned diamond tails to better understand the geology and nature of mineralisation of the prospect. The program is part of a larger 6,400m program approved by the YEV board to target Mount Magnet, Desdemona North and Tea Well in coming months.

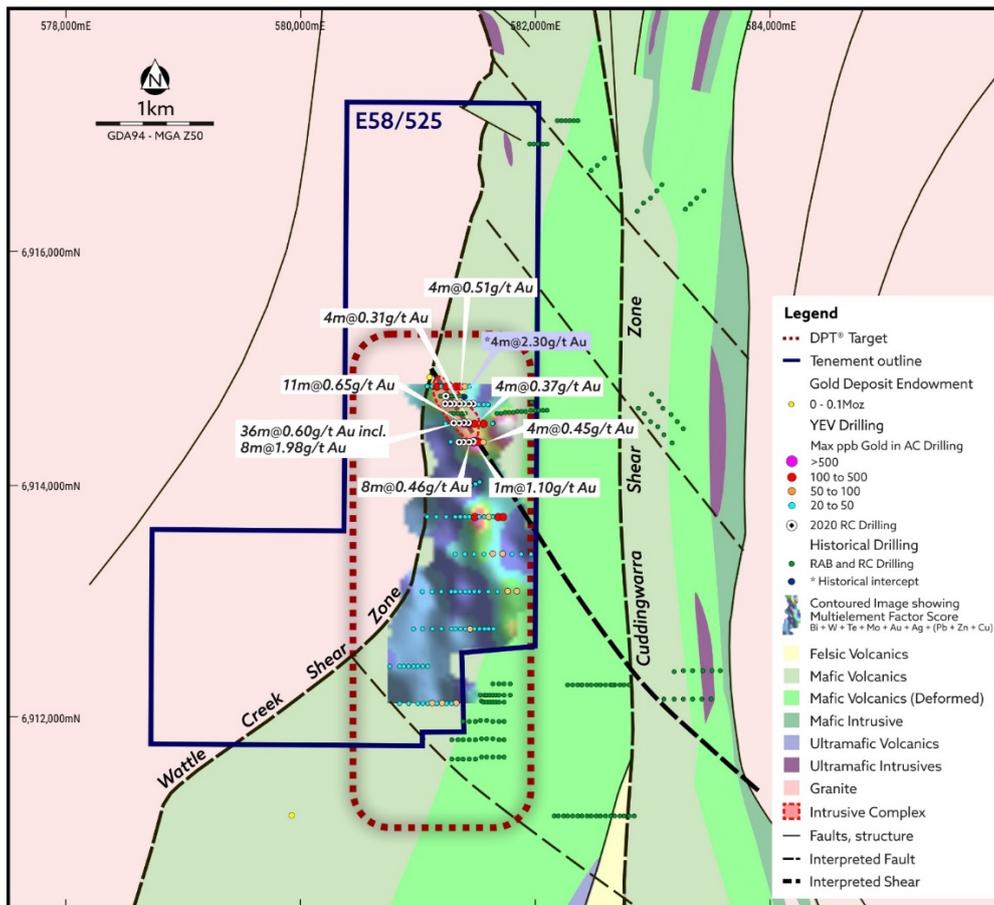
The Mount Magnet North targets are a series of north west striking shear zones; the central one, detailed by shallow air core and RC drilling in late 2020, is an approximately 30-40m wide zone with variable quartz veining. The structure is sub-vertical on surface and is close to an interpreted contact between a mafic and felsic sediment sequence with sheared felsic porphyries. Mineralisation is hosted within a largely concealed mafic volcanic and sediment greenstone sequence and associated intrusives located on second order structures between the Cuddingwarra and Wattle Creek shear zones, both major mineralisation associated structures in the Murchison province.

The sequence is the northern extension of the Archean greenstones hosting the Mount Magnet deposits, Hill 50, Hill 60, and current mining activity by Ramelius to the south and the Cue mining centre to the north. From information collected to date, the target appears to share similarities with Ramelius Resources' Eridanus intrusion related deposit, representing a relatively new type of mineralisation in a mining camp that is over 100 years old.

Colluvial cover over the target area is generally shallow with an average depth of 3-4m. Geology from the air core and RC drilling completed in November 2020 together with supporting multielement geochemistry have identified that gold mineralisation at the northern end of the current trend is coincident with an intrusive complex encountered over a strike length of more than 500m. Maximum values encountered in bottom of hole sampling include 472ppm bismuth, 79.2ppm molybdenum and 17.4ppm tellurium.

The Mount Magnet North project is held by SensOre subsidiary Yilgarn Exploration Ventures Pty Ltd (YEV) (SensOre 60%; DGO Gold 40%). YEV is earning an 85% interest in Mount Magnet North through expenditure of \$2.5 million over three years.

<sup>1</sup> As released by SensOre Ltd on 12 February 2021 titled *Encouraging first pass exploration results validate Mount Magnet AI Target: New Extensive Gold System Identified* including full drill results. SensOre confirms that it is not aware of any new information or data that materially affects the information included in the news release of 12 February 2021 and that all material assumptions and technical parameters underpinning the exploration results in the release continue to apply and have not materially changed.



**Figure 1:** Mount Magnet North JV multi-element geochemistry. Multi-element image represents a multi-element factor score including Bi + W + Te + Mo + Au + Ag + (Pb + Zn + Cu) analysis from bottom of hole analysis.

**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 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.

SensOre owns SensOre Yilgarn Ventures (SYV) (100%), Pilbara Exploration Ventures (100%) and has a 60% interest in Yilgarn Exploration Ventures (YEV) (40% DGO Gold (ASX: DGO)) which holds more than 600km<sup>2</sup> in the Yilgarn Craton, Western Australia. SYV and YEV tenements have been identified using a data cube containing over 2,500 data layers and +24 billion discrete data points.

YEV and SYV are well funded, with drilling initiated in 2020 and continuing in 2021. YEV 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). YEV may earn 75% in Desdemona North by funding \$3.5 million in expenditure.

SYV holds a number of prospects including Auckland Well, 8 Mile Well and Mogul Well.

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 Robbie 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.