

SECOND DIAMOND PROGRAM AT DESDEMONA NORTH COMMENCES

KEY POINTS

- Second diamond drilling program commences at Desdemona North
- SensOre subsidiary Yilgarn Exploration Ventures (SensOre 60%, DGO Gold 40%) earning 75% (Kin 25%)
- Exploration program targeting extension of the Gwalia sequence south of St Barbara's Leonora Operations
- Program follows up on gold geochemical anomalies and encouraging geology encountered in first pass program completed in 2020



Figure 1: Core trays ready as the second diamond program at Desdemona North commences

SensOre has commenced its second diamond program at Desdemona North. The project is located 11km south of the giant Gwalia mine within a structural corridor between the Gwalia and Mt George shear zones, both are major through-going crustal structures associated with gold mineralisation in the Leonora district. The interpreted shallow east dipping Mount George shear zone at Desdemona separates the Kalgoorlie terrane to the west from the Kurnalpi terrane to the east. The target, generated by SensOre's Discriminant Predictive Targeting® (DPT®), is hosted within an interpreted mafic volcanic, felsic volcanic and volcanoclastic greenstone sequence below the Mount George shear zone. A broad north-south trending denser gravity trend within the structural corridor indicates a stratigraphically lower dense mafic volcanic sequence is present under the overlying Kurnalpi Archaean sediments. The presence of the major structure associated with major deposits and the potential for the older Kalgoorlie terrane stratigraphic sequence at depth combined with newly identified multiphase intrusives are the targeting criteria for this deep drilling at Desdemona.

The wider project area has been tested with wide spaced exploration drilling to date. This drilling is considered to have had limited effectiveness due to the nature and thickness of the lacustrine cover sequence. The predicted target has been partly covered by previous air core drilling to 30-60m depth with some follow up RC drilling to 150m in the north eastern portion. Immediately north of the project area within the structural corridor an encouraging ore grade intercept was obtained of 4m @ 15.13g/t Au (170-174) including 1m @ 45.83g/t Au (CWC779) by Sons of Gwalia in 1999 at Annapurna; this gold and associated multielement mineralised intercept trends into the predicted target.

Recent infill gravity (200x200m) to detail the target area geology under the cover sequence coupled with deployment of SensOre’s proprietary AGLADS® technology on historical multielement geochemistry has confirmed the initial DPT® target.

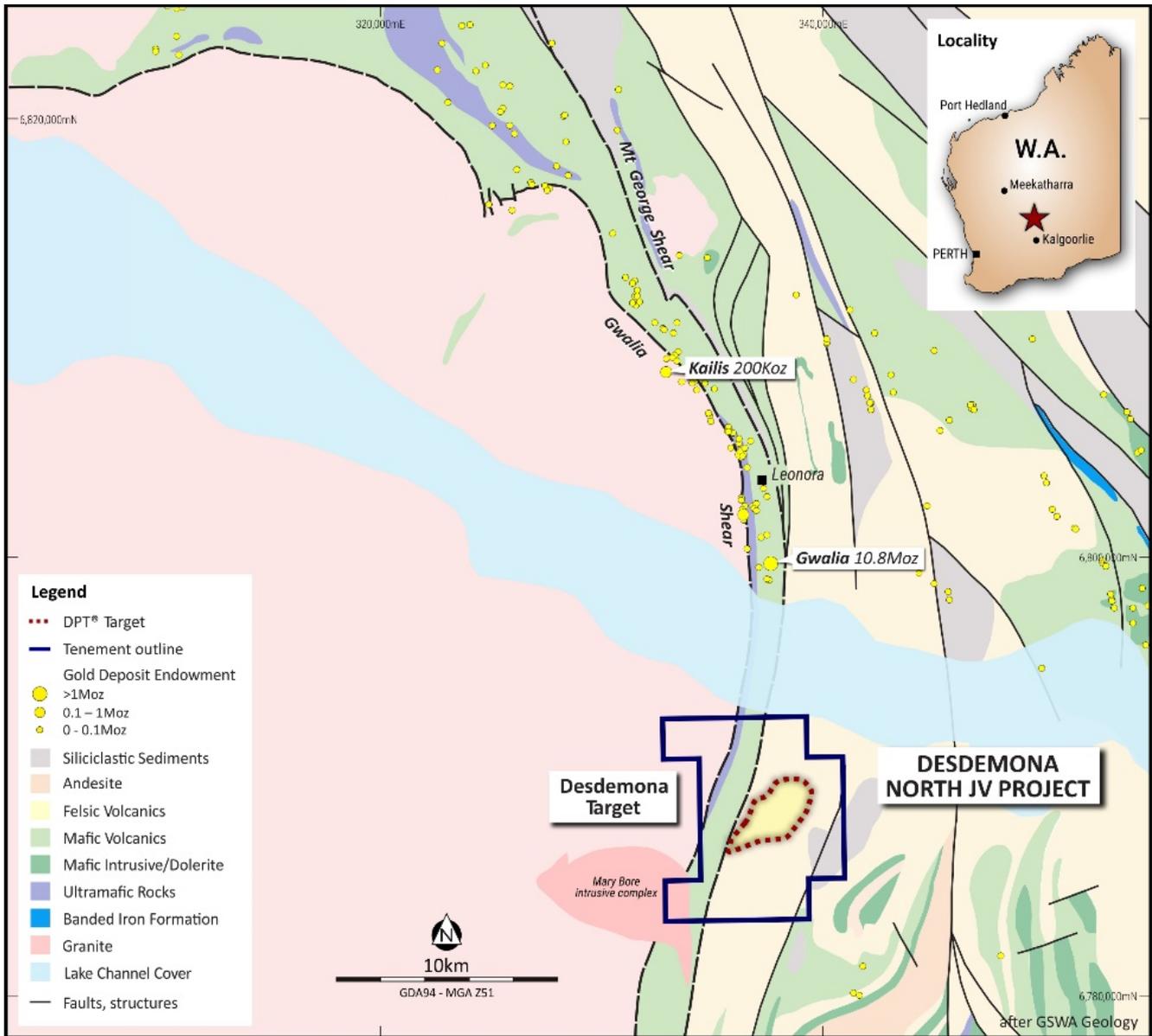


Figure 2: Regional geology, Leonora camp with Desdemona North project location

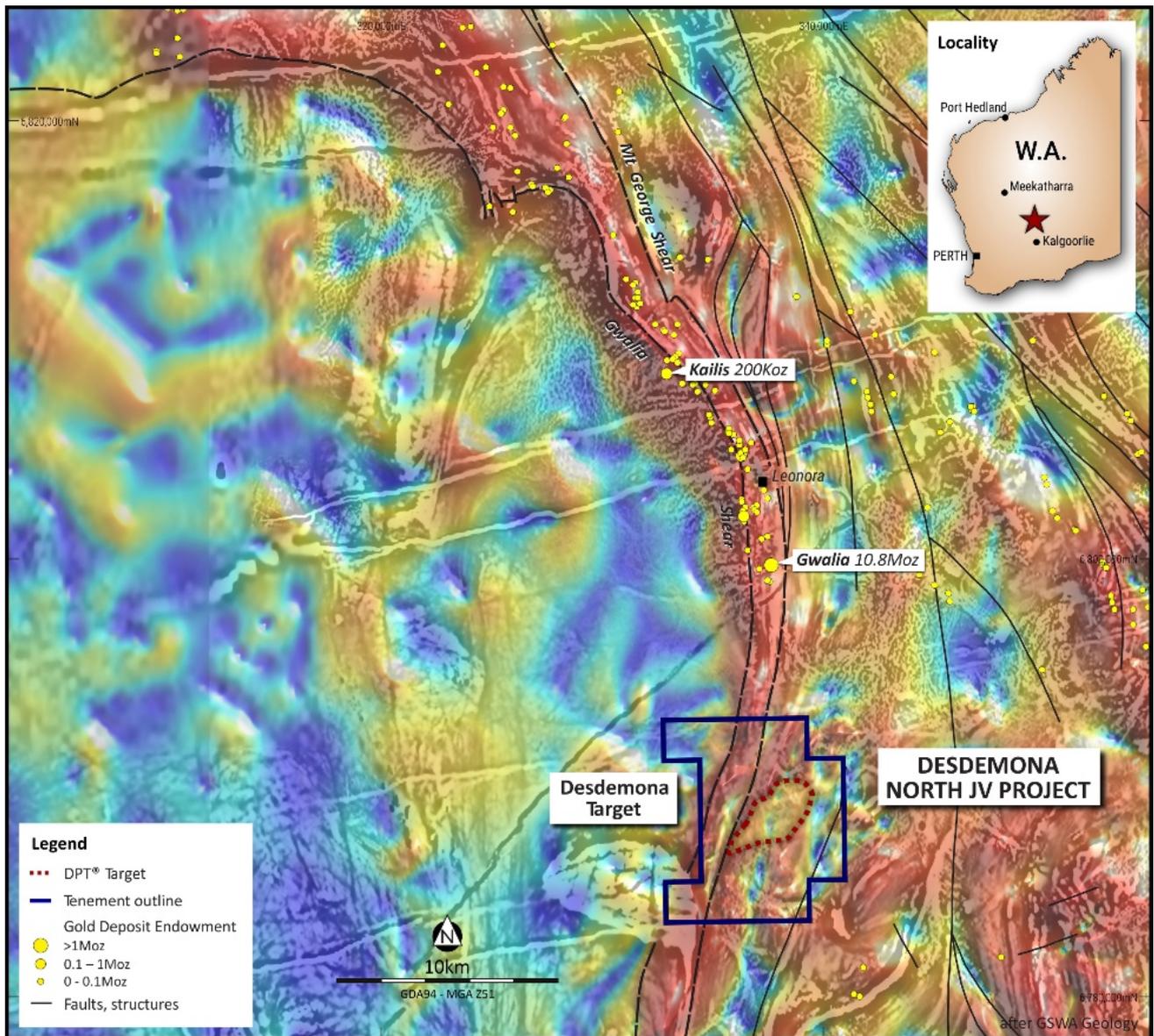


Figure 3: Regional geophysics (gravity bouguer 2km residual colour over magnetics TMI rtp1VD black and white), Leonora camp with Desdemona North project location

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 600km² 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 PERSONS 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 fulltime 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.