SENSORE

SENSORE LAUNCHES DATA CUBE PLATFORM

SensOre (ASX: S3N) aims to become the top performing global minerals technology company through deployment of big data, artificial intelligence (AI)/machine learning (ML) technologies and geoscience expertise

Highlights

- SensOre (ASX:S3N) is pleased to announce the launch of the SensOre Data Cube (SDC) platform.
- The platform provides a user seamless access to:
  - Australia-wide continental to prospect scale geology, geophysics and geochemistry
  - Proprietary uplifted and processed datasets
  - Australia-wide tenement maps & pastoral leases
  - Continental scale topography
- Enables user capability to:
  - Collaborate and design your drill programs
  - Integrate with enterprise software solutions
  - Analyse using AI and machine learning
  - Interactively visualise data in the cloud from multiple devices
  - Upload, process your own data and run high value transformations on it
  - Store data, keep it up to date, make it available
  - Security focussed, cloud-hosted, maintaining proprietary information boundaries
- Provides new portal for SensOre client services
  - Upload of data for data processing
  - Delivery of data and targeting products

SensOre (ASX:S3N) is pleased to announce the launch of the SensOre Data Cube (SDC) platform. The platform is the culmination of SensOre's efforts to create a geoscience dataset suitable for AI and machine learning algorithms, overcoming many of the challenges of sparse, disparate and expensive to acquire data.

The SensOre platform provides SensOre clients and customers access to all the data behind SensOre's proprietary AI/ML enabled technology. The software provides significant advantages to managing data in-house and retail applications. It represents a new way of data led discovery for minerals exploration.

At its core this new SensOre solution is designed to assist users make better, more informed decisions faster providing a competitive advantage via new insight and capturing unrecognised opportunity.

Media Release

SensOre Platform

Provides access to multi-discipline geoscience data from prospect to continental-scale, Australia-wide

The SensOre platform integrates geology, geophysics and geochemistry over all of Australia. The interactive Geographic Information System (GIS) format is familiar but brings vast pre-loaded and integrated seamless datasets to clients where before this had to be undertaken in-house, if at all, and at vast expense.

The SensOre platform is designed to enable users to rapidly access and visualise large geoscience datasets of diverse types. It harnesses data, scientific knowledge, and domain expertise to fundamentally change the exploration approach and accelerate data interrogation and target generation.

The SensOre platform allows geoscientists to make use of cleansed and pre-levelled data covering multiple data sets that compliments conventional targeting methods.

Figure 1 SensOre uplifted continental data

Access proprietary uplifted and processed datasets
The SensOre platform is the only way to access SensOre's proprietary datasets that take data beyond normal public release and geological survey collections.

SensOre's gravity and magnetic inversions, Moksha 2.5 Dimension Airborne Electro-Magnetic (AEM) processed data and Cauchy Downward Continuation (CDC) products are available to be integrated on the platform. Clients can run CDC on their own data or publicly available data and receive outputs utilising the platform's data upload functionality. CDC extends the signal of geophysics data to improve depth prediction and remove noise in data using complex number theory and advanced mathematics.

Processed continental data sets and targeting products, such as geochemical prospectivity mapping, spatial adjacency mapping from geology and SimClust generated geology from geophysics products are only available over large scale utilising the SensOre's platform visualisation system.

Collaborate and design your drill programs

The SensOre platform allows users to slice and dice data, save work sessions, and provide a common area for geoscientists within a company (or across companies) to work together in different offices or across the world. Cloud functionality and access allows multi-device access without the need for device installed software. The Multidisciplinary Geoscientist users can keep abreast of data updates and see the evolution of projects and the way decisions were reached, allowing review and workflow improvements.

The drill program design functionality (coming in Q4 2023) will provide clients the functionality to move direct from data to drill program design in the one platform. The open component of the platform allows external collaboration and discussion as well as the sharing of ideas on what new geoscience insights are being generated. Share links and targets sessions within groups to speed sharing of information and understanding across teams.

Integrate with enterprise software

SensOre's platform has been designed to be familiar to geoscientists and able to be integrated with other known leading software products. The integration functions enables clients to share and build on all available data sources and workflows. By making the outputs of the platform available in common formats via APIs (application programming interface), we enable clients to be able to utilise the data in the platform in the software they are most familiar with and share internally within and, across organisations.
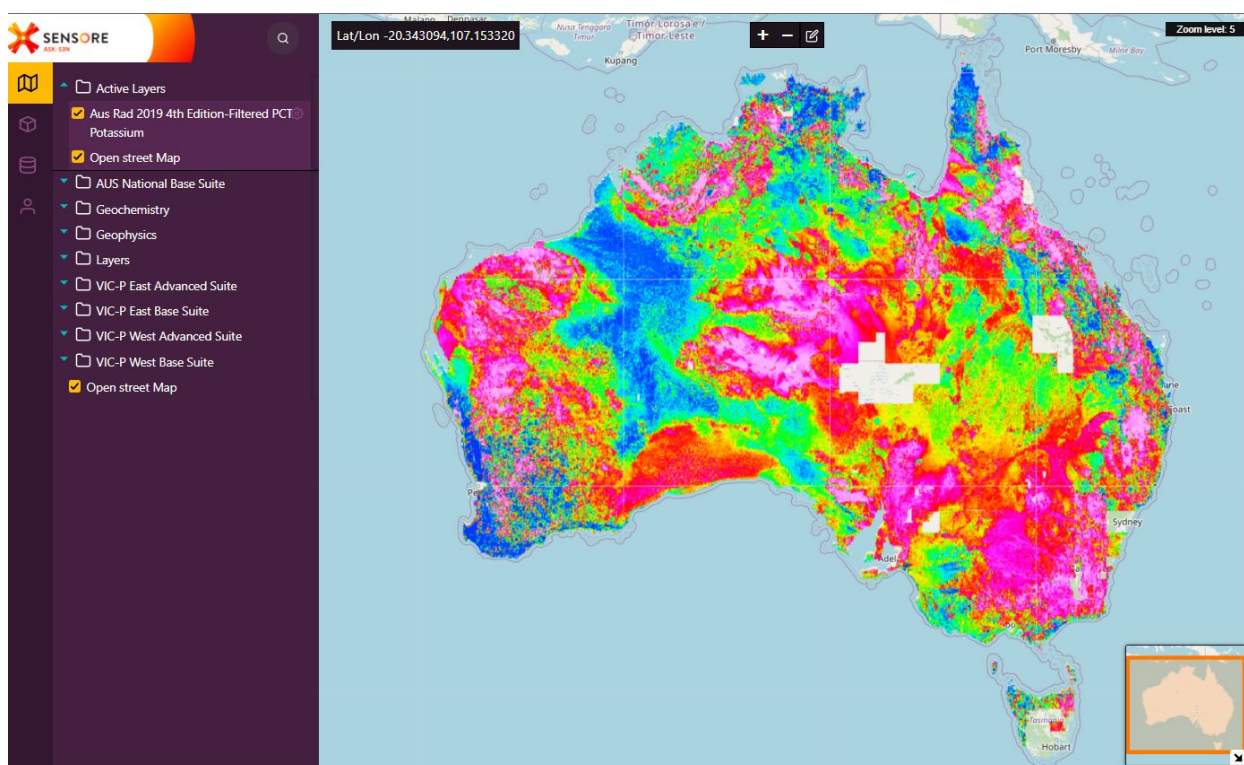

Figure 2 User friendly interface

Analyse using AI and machine learning

The SensOre platform was designed from the needs of AI functionality for access to large, clean, uncorrelated datasets. Progressively, SensOre is releasing AI tools to analyse and interrogate these vast data repositories (Q4 2023). The platform will progressively provide a full spectrum of innovative cognitive technologies to support new discoveries on public and client data.

Interactive visualisation in the cloud

Visualise huge amounts of data in the SensOre platforms 2D roadmap environment. Overlay different datasets quickly and efficiently. Use transparency of data layers to highlight correlations. Upload your own data. Open and interact with the data directly in a web browser, wherever you are and with little training needed.

Export your data into GeoModeller 2023 and transform how you communicate with audiences in 3D. Build geological models from output data quickly and efficiently using automated processes. Export into other known 3D visualisation tools and back to utilise the best features of multiple products.

Upload your own data

The SensOre platform allows and encourages clients and new customers to add their own data and gain new insight.

Users can choose to segregate, correlate or integrate their data with the SDC's cleansed and uplifted public data. Regardless of the decision, the client is able to visualise their data within the context of public data and benefit from any new data or uplifted data that becomes available.

Bringing your own data allows SensOre's tools to automatically clean, level and analyse the data and, where necessary, manage access to the data and insights from that data. SensOre tools allow for advanced geophysical processing such as Cauchy Downward Continuation and SensOre's powerful geochemistry application, driven off the SimClust algorithm, to interrogate the latest data quickly and efficiently to inform the next stage of exploration activity and decision making.

Store data, keep it up to date, make it available

Once a client has uploaded their data, host that data on the platform to ensure data security, redundancy and access for company datasets. Avoid problems with historical datasets or the need to acquire data multiple times by having the data maintained securely on the SensOre data platform. Clients and customers benefit from new public data releases automatically as SensOre sweeps for new data releases and automatically generate data rooms for project due diligence.

Security focussed, cloud-hosted, maintaining proprietary information boundaries

The SensOre platform is a secure, cloud-based system, safeguarding customers' data and is fully compliant with all regulations. It is also fully supported by cloud vendor security, operational procedures, and audits. The platform allows client data to be integrated with uplifted public data but remain segregated from other users, maintaining proprietary information boundaries. The SensOre platform is cloud hosted, so even site-based teams have access to project files and can manage access.

Join the priority waitlist

Stay ahead of the curve and unlock your exploration potential with our ground-breaking technology. Join SensOre's movement that is reshaping the way that we work and explore for the mines and minerals of the future. Register today to secure your early bird perks and join our priority list by contacting; Paul Brady paul.brady@sensore.com.au or call / text +61 450 203 613

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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.