

SensOre iNSIGHTS

on Geological Prospectivity Modelling



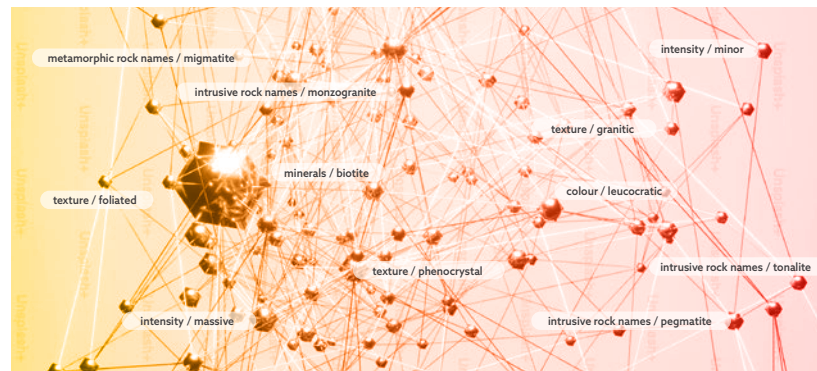
Transforming Embedded Geological Information into Model-Ready Data

ML for Capturing & Generating Knowledge for Early Decision-making in Discovery

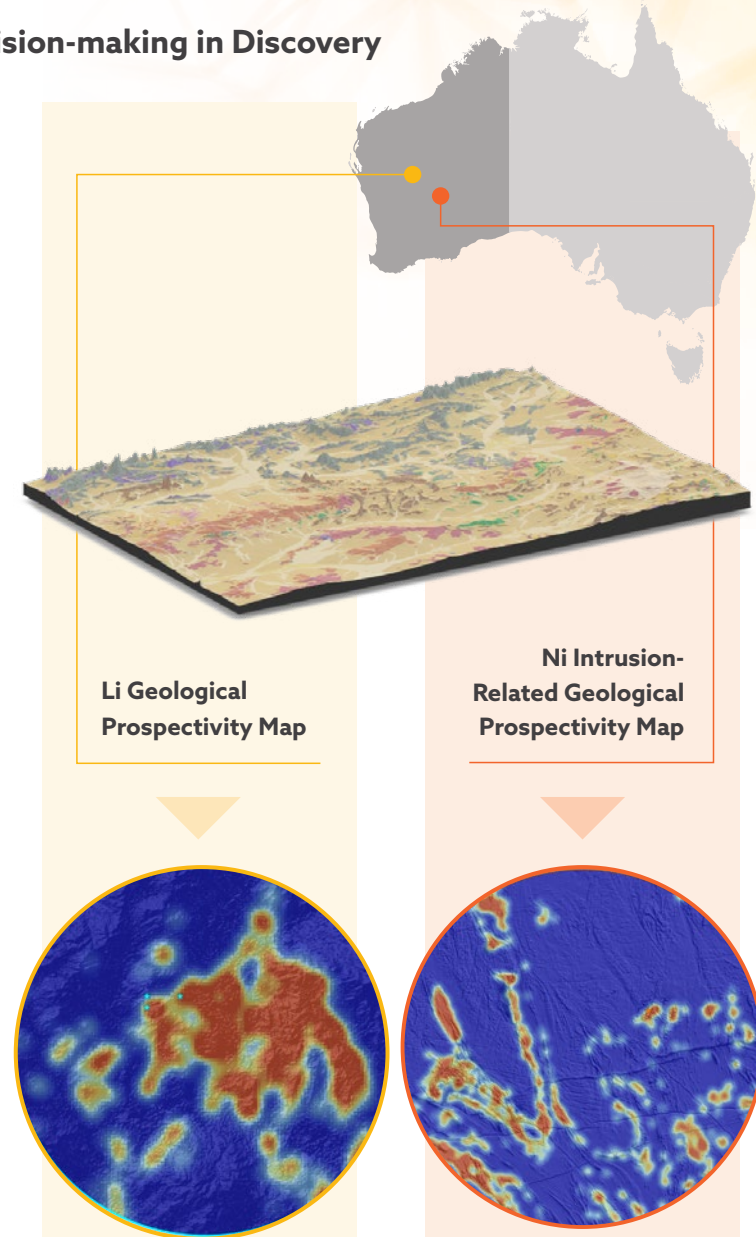
SensOre recognizes the potential of non-numeric data to be transformed to inform machine learned prospectivity models. We've developed advanced programmable text-mining solutions to convert geological data into numbers. Machine learning algorithms are then used to predict spatial adjacency for commodities and deposit types of interest for each point object. Knowledge extraction is driven by contiguity associations, determining the spatial relationships of specific words and phrases from SensOre's proprietary and numerically coded geological dictionary with Au, Cu, Li, or Ni deposits. This reflects a cause-and-effect relationship between mapped geological objects and mineralisation and helps to fully utilise our geological knowledge and understanding of mineral systems of interest.

With statistical output visualisation, SensOre has constructed new geological prospectivity maps over WA for a range of commodities and deposit types including Cu-VMS, LCT Pegmatite, Ni Intrusion-Related, and Phosphate. SensOre's geological prospectivity models are on track to be extended to other states and continental Australia as the SensOre data cube expansion evolves towards completion over the coming months.

SensOre's insights into geological prospectivity can be used in exploration for terrane and region selection, and for project generation and ranking. Strategically, these maps can be used to probabilistically assess the geological prospectivity of any tenement for the commodities modelled, making them an invaluable tool for business development decision-making.



SensOre's advanced programmable text-mining solutions



Contact SensOre to maximize your exploration success by utilising our proprietary advanced machine learning Geological Prospectivity Modelling. SensOre is here to help you get the most out of your geological data on your way to making a discovery.



sensore.com

sensore-ltd @OreSens