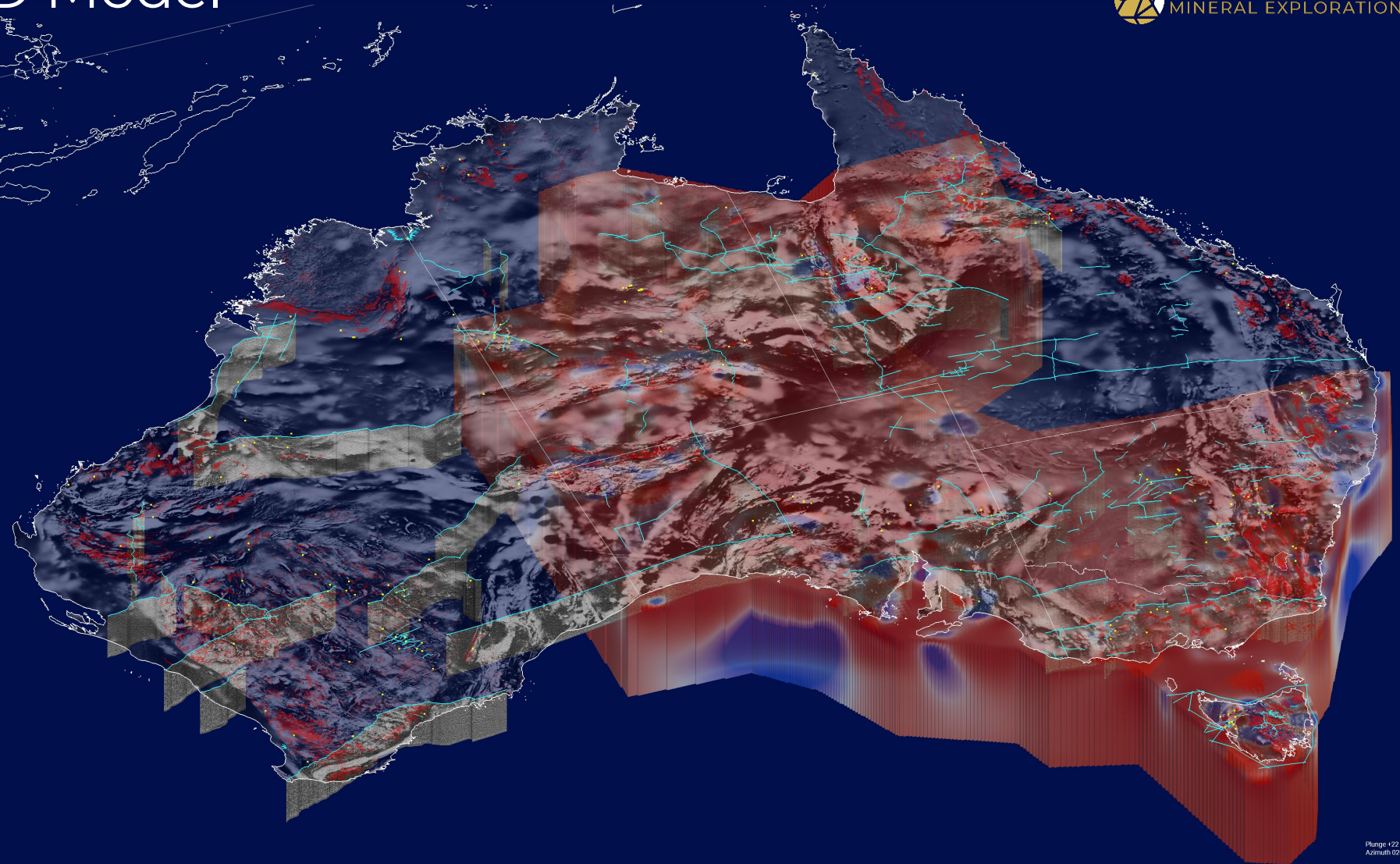


Australia – 3D Model



LEGEND

- Metalliferous Deposit
- GA deep crustal seismic
- Intrusions on magnetics



Plunge +22
Azimuth 020
00000

What is it?

- 3D Leapfrog project, 3 years in the making that combines precompetitive datasets all in the one platform
- The model increases the probability of discovery by integrating the conceptual framework with multi-layer data that includes seismic, MT, magnetics, gravity and various regional datasets
- Leverages LME's petroleum DNA to identify large scale, metal fertile geotectonic settings at an early stage of exploration
- LME developed a proprietary Australia wide velocity model for converting the seismic time domain data to depth
- Processes have been applied in-house to enhance the signal of the stack seismic section for improved signal definition
- The model Integrates key elements that are critical to identify mineral systems from the Moho to the Earth's surface under existing mineral deposits and facilitates the identification of new search space

