

EASTERN GOLDFIELDS

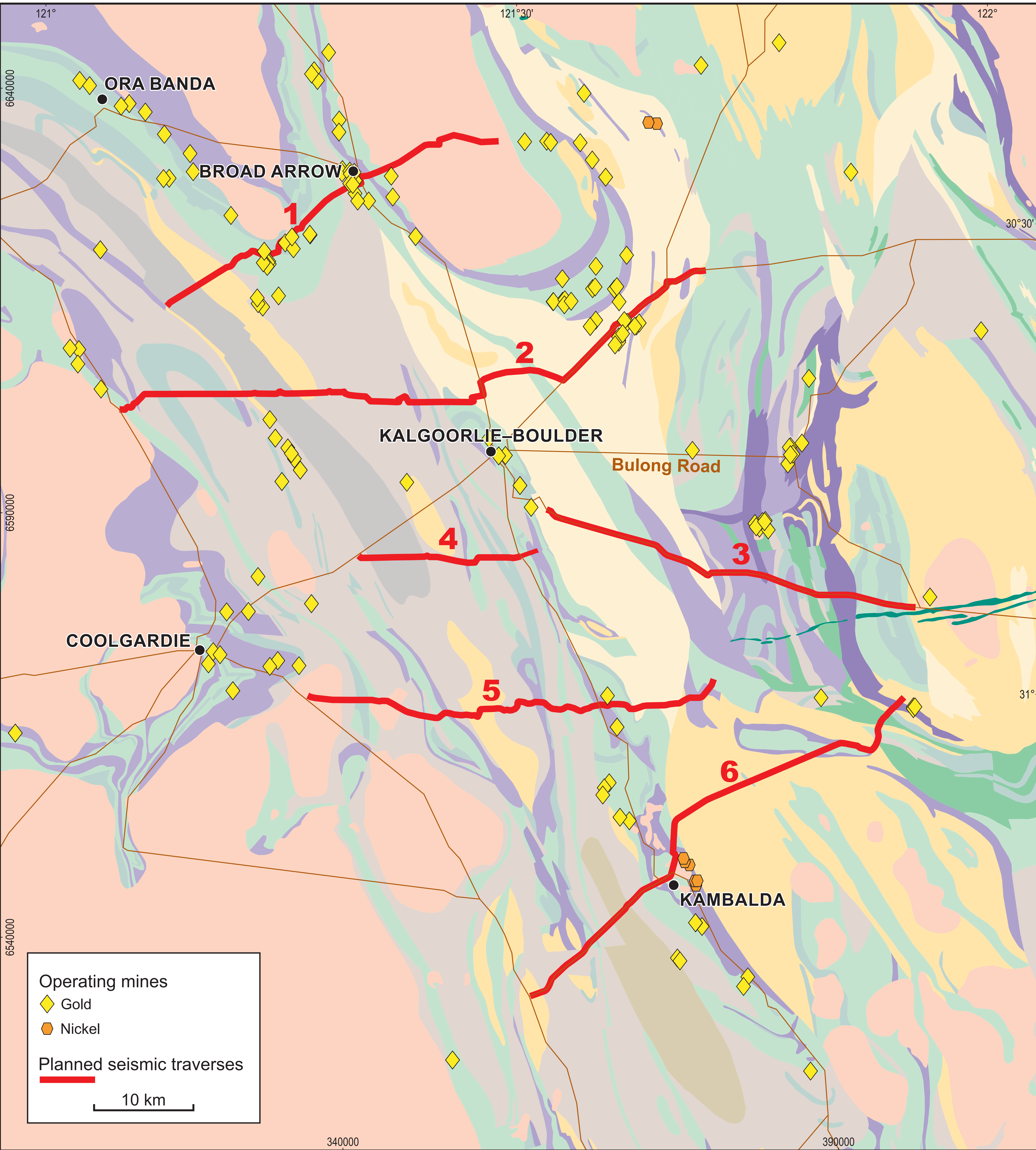
High-Resolution 2D Seismic Survey

WHAT

The Geological Survey of Western Australia (GSWA) plans to acquire six 2D seismic reflection traverses along sections of roads and tracks in the Eastern Goldfields between Broad Arrow and Kambalda for a total linear coverage of 250–300 km. Vibration points will be spaced every 20 m and receiver sensors every 10 m. A seventh line along the Bulong Road may be done depending on road gradient conditions and available funding.



WHERE



WHEN

The project follows a two-phase approach, consisting of ‘Project Initiation’ (Phase 1), followed by ‘Project Delivery’ (Phase 2). The Project is currently in the pre-survey planning and project management stage of Phase 1. Acquisition (Phase 2) is anticipated to commence in late February 2019 for completion (i.e. release of data and results) no later than November 2019.

WHY

The Department of Mines, Industry Regulation and Safety (DMIRS) manages the Western Australia Exploration Incentive Scheme (EIS) — a State Government initiative that aims to encourage exploration in Western Australia for the long-term sustainability of the State's resources sector. A major component of EIS is the acquisition of new geophysical data throughout the State, with programs managed by GSWA. The object of the project is to understand the architecture of a known gold-endowed area in the depth range of 300 to 5000 metres. The seismic data will complement other information sources, such as geochemical barcoding, that can then be used to target greenfield regions and delineate areas suitable for 3D seismic survey for mineral exploration.

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Geological Survey of
Western Australia

