



Government of **Western Australia**  
Department of **Mines, Industry Regulation and Safety**

# LEAD AGENCY PROJECTS

FEBRUARY 2018



Project	Project coordinator Contact officer (s)	Project approval information
<p>Gold Road Resources / Gold Fields Ltd</p> <p><b>Gruyere Gold JV and Yamarna Gas Pipeline (YGP) Project</b></p>	<p>Walter Law (YGP)</p> <p>David Crabtree (Tenure)</p>	<p>The Gruyere Gold Project is located 150 km east of Laverton in the Yamarna Greenstone Belt; a newly discovered (August 2014) gold region, The Gruyere deposit has an estimated Mineral Resource (measured, Indicated and Inferred) of 3.5 million ounces of gold. A feasibility study, including metallurgical, geotechnical, environmental and mining studies, was completed in October 2016. The proposal was referred to the EPA 2 March 2016 and the Minister for Environment approved the implementation of the project. The Mining Proposal and Mine Closure Plan were approved by the former DMP in February 2017. Construction of the accommodation village (Stage 1 &amp; 2) was completed in May 2017.</p> <p>Civil and structural works have commenced. Installation of the generators and gas engines have also begun at the 45 MW Gruyere Power Station, which will connect to the YGP.</p> <p>APA Group received final approval from the Department of Mines, Industry Regulation and Safety for the 198 kilometre Yamarna Gas Pipeline (YGP). A temporary 200-person construction camp is being established along the pipeline route. Construction of the pipeline is planned to be completed in the June 2018 quarter.</p>
<p>Sheffield Resources</p> <p><b>Thunderbird Mineral Sands Project</b></p>	<p>Graham Cobby</p> <p>Brian Lloyd</p>	<p><b>Sheffield Resources</b> is developing a globally significant high grade mineral sands deposit located on the Dampier Peninsula mid-way between Broome and Derby. It is estimated to have a mine life of more than 40 years. A definitive feasibility study (DFS) is in progress. The project proposal was referred to the EPA in Nov 2015. A State and Commonwealth agency site visit was conducted 30 – 31 August 2016. The Thunderbird PER was lodged with the OEPA on 14 November 2016. The EPA has recommended the project be implemented and has submitted its report to the Minister for Environment. The former DMP and DoW provided project briefings to Broome and Derby Shire Councillors, Chambers of Commerce and the public 27 – 30 March 2017.</p> <p>On 15 June 2017 the National Native Title Tribunal (NNTT) announced they supported the grant of a Mining Lease for the project. Following this announcement an appeal was lodged by a claimant group in relation to an earlier NNTT good faith decision in Sheffield's favour.</p> <p>On 20 December 2017, the Full Federal Court of Australia upheld an appeal lodged by the Mount Jowlaenga Polygon #2 claimant group. The NNTT will now reconsider whether Sheffield negotiated in good faith. The NNTT has scheduled a hearing for 24 April 2018. The grant of a Mining Lease is on hold until the matter is resolved.</p>

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First Quantum Minerals Ravensthorpe Nickel <b>Shoemaker-Levy Project</b>	Rosemarie de Bari Jessica Allen	<p>Ravensthorpe Nickel Operation (RNO) is owned and operated by First Quantum Minerals (FQM) Nickel Australia Nickel Pty Ltd. It is located 35 kms east of the town of Ravensthorpe and 155 kms west of Esperance. The Project involves a mine expansion into the Hale-Bopp (North West pit) ore body and an infrastructure corridor to provide access between the Shoemaker-Levy deposit and the existing processing plant. There are complex approval issues within a high value biodiversity environment. Subject to EPA Ministerial statement 633. Referred to the EPBC Act 1 August 2016 and WA EPA 15 August 2016. The Environmental Scoping Document endorsed by EPA 16 March 2017.</p> <p>In October 2017, FQM announced the nickel project will be placed on care and maintenance as a result of low nickel prices. FQM will continue to progress the State environmental and mining approvals necessary to enable the project to recommence should market conditions improve. DMIRS continues to provide project approval coordination services to FQM during this period.</p>
Hastings Technical Metals <b>Yangibana Rare Earth Project</b>	Phil Boglio	<p>The Yangibana Rare Earth Project is located 270 kms east-north-east of Carnarvon in the Shire of Upper Gascoyne. The project proposes to extract and process rare earth element (REE) ore from four mining pits. The proposal includes mining above and below the ground water table, on-site processing of ore and associated infrastructure. The REE deposit includes Neodymium, Praseodymium, Dysprosium and Terbium used in many advanced technologies such as high performance magnets, electric vehicles, wind turbines, robotics and digital devices. The project was referred to the EPA on 30 January 2017 and is being assessed as a Public Environmental Review (PER). On 25 August 2017, notice of decision to consent to minor and preliminary works (S41A (3) EP Act) was provided. This includes investigative works for water, geotechnical assessments, environmental surveys, access roads and an accommodation village.</p>
<b>"South West Hub" CCS Project</b>	Dominique Van Gent Martin Burke	<p><b>A Carbon Capture and Storage (CCS) Project</b> wherein the Department of Mines and Petroleum is responsible for investigating the potential to store CO<sub>2</sub> in the Lesueur Sandstone Formation of the Southern Perth Basin (on the Swan Coastal Plain in the Shires of Harvey and Warooa). The project has been allocated funding under the Australian Government's CCS Flagships program to progress investigations of the suitability of the Lesueur. Activity has included a 2D seismic (2011) a stratigraphic well (February/March 2012), a complex 3D seismic that mapped 2115square kilometres (2014) and a further three wells in early to mid-2015. The results to date demonstrate a large injection target formation of sandstone at a depth of 1,500 metres to 3,000 metres and a shale/palaeosol complex that could act as a further containment layer. Analysis and modelling of the more than 2 kilometres of core and electronic data is currently underway. Project information is provided at the link: <a href="http://www.dmp.wa.gov.au/South-West-Hub-CCS-1489.aspx">http://www.dmp.wa.gov.au/South-West-Hub-CCS-1489.aspx</a></p>

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Chevron Australia Pty Ltd  <b>Thevenard Island Decommissioning Project</b>	Walter Law	Chevron is responsible for the <b>decommissioning of all offshore and onshore production; processing and export facilities on Thevenard Island (TVI)</b> located approximately 25 kilometres offshore from the town of Onslow, Western Australia. Following an application from Chevron Australia Pty Ltd, DMP provided consent on 22 January 2014 to the licensees to cease to operate the four licenced pipelines. Petroleum recovery operations ceased in April 2014 and all facilities are being cleaned of petroleum residue. Decommissioning of offshore petroleum wells started this year. Offshore facilities decommissioning is scheduled over 2017–18. Onshore decommissioning, remediation and rehabilitation is scheduled for 2018–20 in accordance with the preliminary TVI Field Decommissioning and Rehabilitation (D&R) Plan. Chevron is yet to submit its revised D&R Plan that meets the statutory requirements for decommissioning including removal of onshore and offshore facilities from its petroleum licences areas.