



**GRANGE**  
RESOURCES



**SRT**

# Southdown Joint Venture (SDJV) Southdown Magnetite Project Environmental Approvals Information Sheet

October 2022

The Southdown Project is a joint venture between Grange Resources (70%) and SRT Australia Pty Ltd (30%) – this partnership is known as the Southdown Joint Venture (SDJV).

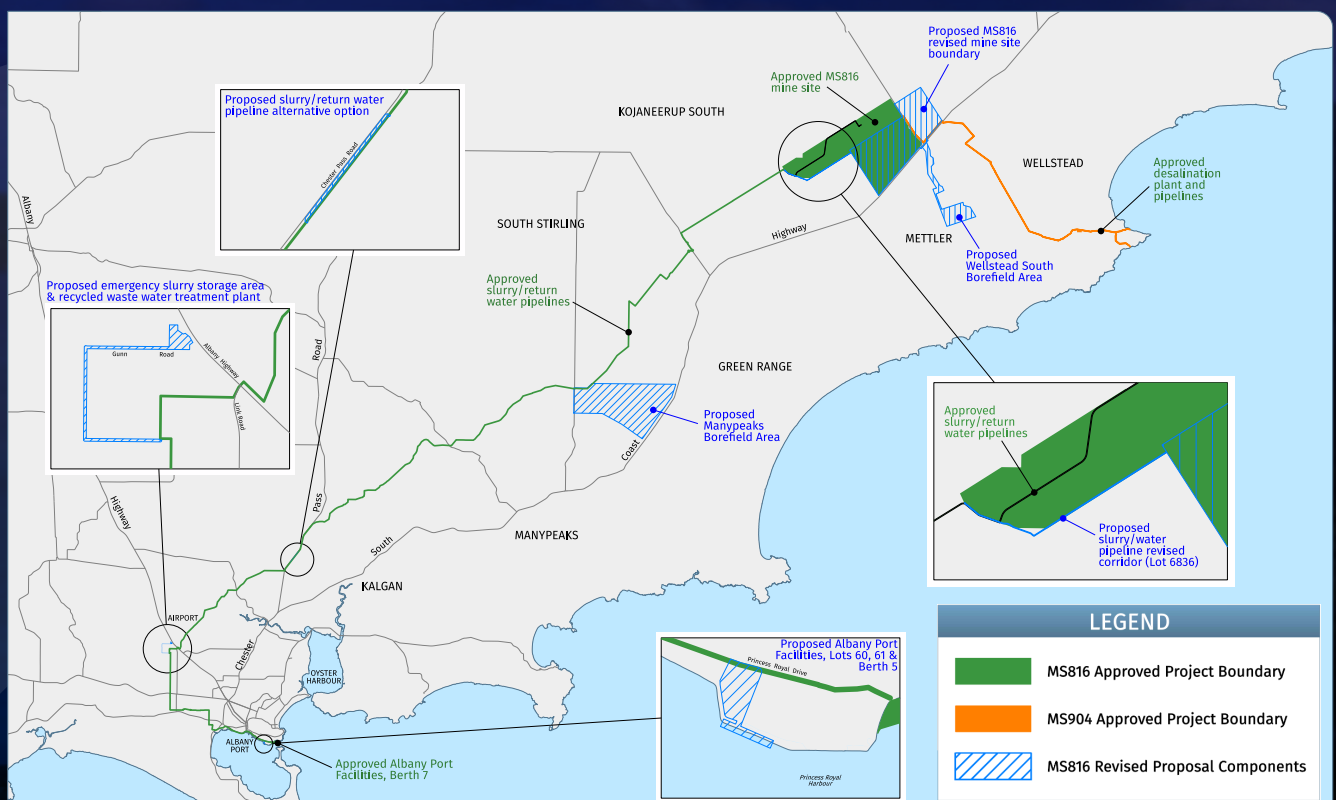
Grange Resources Limited (Grange Resources) is Australia's most experienced magnetite producer with over 50 years of mining and production from its Savage River Mine in Tasmania.

SRT Australia Pty Ltd is jointly owned by Sojitz Corporation, a Japanese global trading company, and Kobe Steel, a major Japanese steel maker.

## Project Approvals Overview

### Existing environmental approvals

The Southdown Magnetite Project has been granted primary environmental approvals by the Western Australian government under the *Environmental Protection Act 1986* (EP Act) and by the federal government under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).



The project components that have been approved include:

Project Components approved	Existing state approvals <i>Part IV Environmental Protection Act 1986</i>	Existing federal approvals <i>Environment Protection and Biodiversity Conservation (EPBC) Act 1999</i>
A 45 million tonnes per annum (Mtpa) open pit magnetite mine and associated infrastructure near Wellstead, approximately 90km east north east of Albany Western Australia	Ministerial Statement 816	EPBC 2011/6053
A 5 gigalitre per year groundwater supply borefield at Wellstead		EPBC 2011/6053
Slurry and return water pipelines between the mine site and the Port of Albany	Ministerial Statement 816	EPBC 2011/6053
Ore handling, storage and shipping facilities at Berth 7 at the Port of Albany	Ministerial Statement 816	EPBC 2011/6053
A 12 gigalitre per year seawater desalination plant at the Cape Riche and pipelines connecting to mine site	Ministerial Statement 904	EPBC 2011/6053
Albany Port Expansion including dredging and land reclamation to construct Berth 7 (granted to Southern Ports Authority)	Ministerial Statement 846	EPBC 2011 / 2540

In addition to a Definitive Feasibility Study (DFS) completed in 2012, Grange completed an updated pre-feasibility Study (PFS) in February 2022. The PFS proposed a scaled project development option based on a nominal production rate to 5 Million tonnes per annum (Mtpa) of magnetite concentrate, largely within the area that has already obtained environmental approvals for development. The results of the PFS were announced on the 22 March 2022 and can be viewed via the Grange webpage at [grangeresources.com.au/announcement](http://grangeresources.com.au/announcement).

### Modified and new environmental approvals

Work is underway to obtain environmental approvals for the modified aspects of the project. Proposed project changes to be submitted to the Environmental Protection Authority for assessment and approval under the *Western Australian Part IV Environmental Protection Act 1986* under MS 816 include:

- Modified ore processing at mine site
- Revised mine plan and associated infrastructure layout changes including MS 816 boundary changes
- Realignment of section of slurry and return water pipelines connecting to mine site
- New water supply borefields at Manypeaks and Wellstead South
- Pipeline connecting Manypeaks borefield to the minesite within approved slurry and return water pipelines corridor
- Two options for pipelines along Shearer Road connecting Wellstead South borefield to the mine site
- Change in total water limit for project (to incorporate limit allowed for under MS 904)
- Minor modifications to some existing conditions of approval

- Proposed slurry and return water pipeline alternative option at Chester Pass Road
- New slurry emergency storage facility and Gunn Rd pipeline addition
- Ore storage, handling and ship loading facilities at Berth 5
- Transshipping of magnetite from Berth 5

This assessment will result in a revision to the existing MS 816 approval, and is referred to as the MS 816 Revised Proposal.

A new environmental approval will also be sought for the transshipping component of the project by the Southern Ports Authority to the Environmental Protection Agency under Part IV of the EP Act for assessment of transshipping activities at the Port of Albany. It is anticipated that referrals will be submitted in late 2022.

#### Other approvals

There are a range of additional environmental approvals that may need to be obtained as the project progresses including:

#### State approvals (Western Australia)

- Works Approvals to construct and licences to operate under Part V of the EP Act
- Mining Proposal and Mine Closure Plan under the *Mining Act 1978*

#### Federal (Commonwealth) approvals – new referral for project changes under EPBC Act 1999

- New referral by Grange Resources Ltd for project elements associated with the mine site, Manypeaks borefield, slurry and return water pipelines, Albany Port facilities not previously assessed under the EPBC Act.
- New referral by the Southern Ports Authority for transshipping activities from the Port of Albany that could have significant impacts to Matters of National Environmental Significance.

#### Studies

A range of technical studies are being undertaken to inform the design of project changes and to determine potential environmental impacts and management requirements for both construction and operation. The reports prepared for these studies will be provided to the regulators for assessment. The studies include:

- Flora and Vegetation
- Terrestrial Fauna
- Subterranean Fauna
- Groundwater
- Inland Waters
- Terrestrial Environmental Quality
- Noise
- Air Quality
- Greenhouse Gas
- Visual
- Aboriginal Heritage
- Marine Environmental Quality
- Marine Fauna
- Mine Closure Planning





# Community Engagement

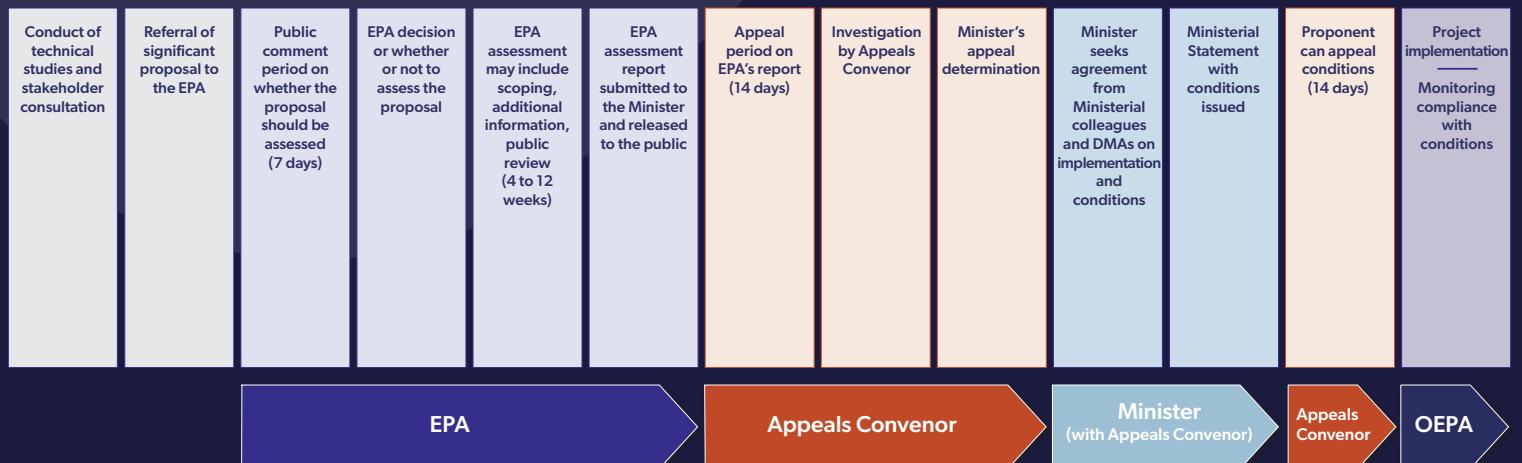
Grange is committed to working with stakeholders and the community in the planning, implementation and operation of its projects.

Grange is undertaking extensive stakeholder and community engagement as part of the environmental approvals process and is committed to raising awareness of the project, providing opportunities for asking questions and receiving feedback, and addressing concerns and opportunities. Some of the engagement activities include:

- Having a presence in the local community with a project office in Albany
- Meeting with local landowners surrounding project infrastructure
- Meeting with state and local government agencies

- Letters/emails and information sheets to stakeholders and community members
- Information sessions at Manypeaks, Wellstead and Albany
- Working group with key state and local government agencies
- A range of communications including regular updates on the project webpage, media articles, social media, and a series of information sheets

The EPA also requires proponents to engage with stakeholders and community members that may be impacted or interested in a project as part of the environmental approvals process. The following diagram outlines the EP Act Assessment Process and Opportunities for Community Input. For more information visit <https://www.epa.wa.gov.au/step-step-through-proposal-assessment-process>



## Contact Information

To stay informed of upcoming engagement opportunities or learn more about the project, visit the Southdown Magnetite Project webpage at [www.grangeresources.com.au/operations/southdown](http://www.grangeresources.com.au/operations/southdown).

If you wish to speak with a member of the project team, please email [info@grangeresources.com.au](mailto:info@grangeresources.com.au) phone **08 9841 4255** or visit the Albany Project Office at **31 Albany Hwy, Albany, WA**

*We acknowledge the Noongar Menang people as traditional custodians of this region and recognise their continuing connection to land, water and culture. We pay our respects to Aboriginal communities and cultures, and to their Elders past, present and emerging.*

