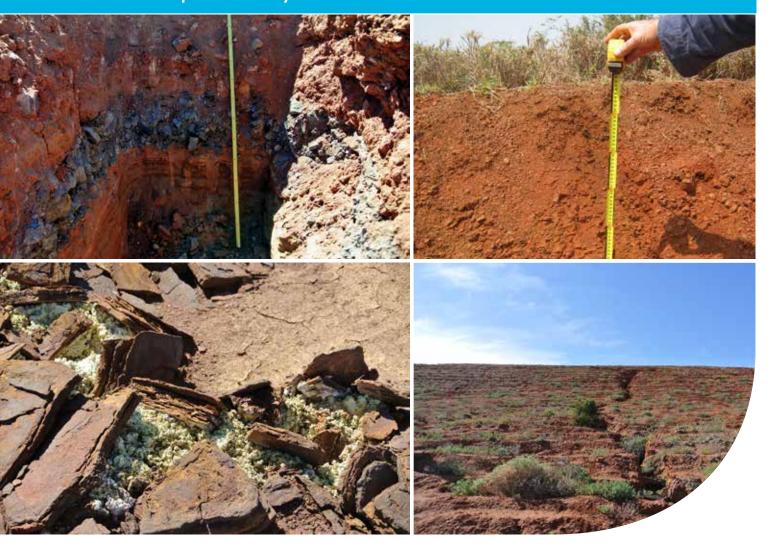
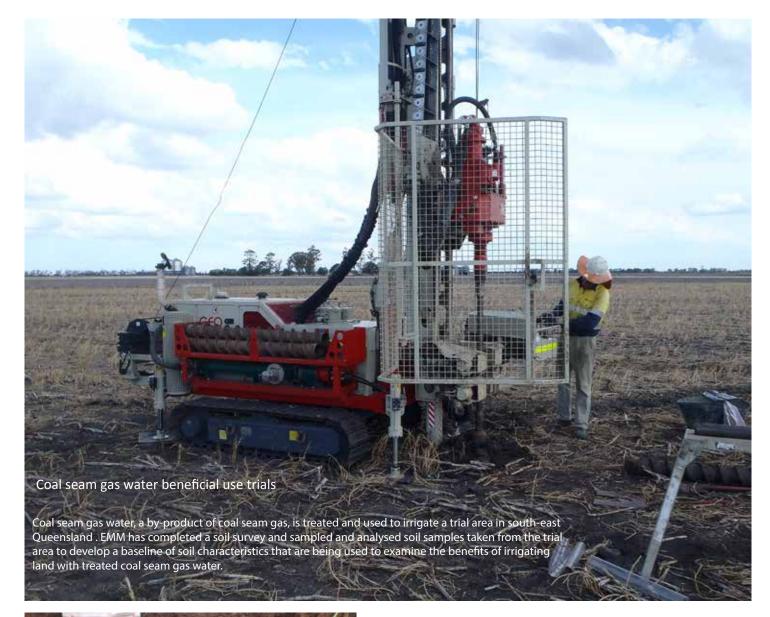


Land capability and rehabilitation



The EMM land capability and rehabilitation team specialises in soil and land resources, geochemical assessment, landform and cover design, closure planning and cost estimation. We offer our clients pragmatic and cost-effective services throughout the project life cycle.





EMM provides the highest standard of field assessment and advisory services. Our team provides practical solutions to land capability and rehabilitation problems.

EMM's land capability and rehabilitation staff have experience in projects throughout Australia, from project approvals and construction, to decommissioning, closure and rehabilitation.

EMM's LAND CAPABILITY AND REHABILITATION SERVICES

- Soil survey and analysis
- Soil and land resources assessments
- Geochemistry studies
- Landform design
- Cover design
- Closure planning and cost estimation



OUR PEOPLE

The land capability and rehabilitation team is led by:

Kylie Drapala BEnvSc (land resources), PhD (soil science), CEnvP (EIANZ) – Land Capability and Rehabilitation Services Manager.

Kylie is a professional soil scientist. Her work encompasses mining and site assessment, mine rehabilitation, wastewater management and soil science. Kylie specialises in soil management for greenfield and brownfield infrastructure construction, mining closure and rehabilitation planning, application of waste to soil landscapes, and soil survey. She is experienced in working with legislation and best practice guidelines, and has developed soil management plans and technical investigations for companies mining in Australia, notably Adani, BHP, BMA, Baralaba Coal, Glencore and Rio Tinto.



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EMM is responsible for the design of the store and release covers and instrumented trials at Frances Creek Mine in the Northern Territory. The instrumented cover trials will assess the store and release cover's performance to determine if it is meeting its design intentions of being safe, stable, sustainable and non-polluting.

PROJECT EXAMPLES

Confidential detailed mine closure plan Client: Confidential

EMM prepared a detailed mine closure plan for a south-east Queensland mine.

The detailed mine closure plan was prepared to formalise the appropriate environmental controls and closure and rehabilitation management procedures to develop post-mining land use that is consistent with the surrounding environment and is acceptable to stakeholders.

Hume Coal Project site verification certificate Client: Hume Coal Pty Limited

EMM prepared a site verification certificate (SVC) for the proposed Hume Coal Project in the Southern Highlands of New South Wales. The environmental assessment was novel because it combined a traditional soil survey with a GIS model designed by EMM to predict the spatial distribution of biophysical strategic cropping land (BSAL), which removed the need to access all land within the project area. The environmental assessment found there was no BSAL in the project area, which was accepted by NSW Office of Environment and Heritage and Hume Coal was then granted its SVC.