

COAL BED METHANE (COAL SEAM GAS)

- Geology
- Exploration
- Geochemistry
- Geomechanics
- Reservoir Characterisation & Deliverability
- Resource Evaluation
- Asset Management
- Due Diligence & Technical Gap Analysis



Coal seam, Queensland, Australia

CAPABILITY

Mining Associates is a specialist global geological and mining consultancy, with offices in Brisbane and Hong Kong.

We are a highly experienced, dedicated team of resource professionals working with a large network of recognized experts and advisers to the minerals industry (“Associates”) covering copper, gold, base metals, uranium, bauxite, nickel laterites, coal, coal bed methane, iron ore, potash, phosphate and mineral sands.

We are focused on providing you with an understanding of the fundamental geological controls to add value to your project. The company undertakes high level work across a wide spectrum of mineral commodities, geological settings and mining methods on a diverse range of projects both within Australia and Internationally. We are focused on supplying specialist advice and world’s best practice products. We have a strong combination of “hands on” experience and practical implementation of the latest methods to provide our clients with the best solutions to their needs.

RECENT PROJECT EXPERIENCE

Mining associates have eight years of direct experience and skill in the interpretation and evaluation of unconventional resource potential across a wide variety of CSG basins:

- **Gunnedah Basin, Australia (CBM)** – Key contributor in establishing New South Wales largest gas field 1440 Bcf, 2P reserves and added 850 Bcf in 12 months
- **Gunnedah Basin, Australia (CBM)** – Team Lead for fracture permeability and geomechanics modelling project, study results were essential for the field development and horizontal drilling campaign
- **Gunnedah Basin, Australia (CBM)** – Responsible for acquisition, interpretation, and presentation of all geochemical data (maceral analysis, age dating, gas composition & content, isotherms and isotopic data)
- **Gunnedah Basin, Australia (CBM)** – Company representative for CSIRO Microbial Enhanced Coal Seam Methane Initiative
- **Gunnedah Basin, Australia (CBM)** – Specialist image log interpreter for ~ 30 boreholes in New South Wales
- **Gunnedah Basin, Australia (CBM)** – Exploration status, coal resource estimation, product quality, economic potential
- **Cooper-Eromanga Basin, Australia (Shale Oil/Gas)** - High level review to determine maturity of resource and economic potential
- **Galilee Basin, Australia (Basin Centered Gas)** – Due diligence on resource potential for lease owner
- **Galilee Basin, Australia (CBM)** – Due diligence on Resource and Reserve statements on behalf of asset owner
- **Surat-Bowen Basin, Australia (CBM)** – Data review prior to purchasing lease and resource estimation upon acquisition