



Coal & Energy

AMC - the business of mining

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AMC Consultants (AMC) is a leading mining consultancy, providing extensive services to the minerals industry including the Coal & Energy sector.

Geology

AMC offers geology services covering all aspects of the evaluation of coal deposits, culminating in the compilation of Competent Person Reports and reporting of Coal Resources in accordance with a variety of internationally accepted reporting codes; including JORC, SAMREC, and NI 43-101.

AMC geologists are specialists in planning exploration strategies, data management and QA/QC, geological modelling, resource estimation, and coal product interpretation.

AMC is highly regarded for its technical due diligence reviews, geological modelling, resource audits, and prospect valuations.

Geotechnical Engineering

AMC's geotechnical expertise covers the full range of mining methods and deposit styles with slope stability analysis, longwall design, bord and pillar and secondary extraction design, numerical modelling, fundamental analysis, subsidence assessment, and geotechnical risk management.

Mining Engineering

AMC has significant skills in the planning, design and implementation of a wide range of open cut and underground coal mining methods.

Areas of expertise include mine design and scheduling, scoping studies, pre-feasibility and feasibility studies, technical review, optimization, mine operations simulation, and due diligence.

Business & Project Optimisation

Good planning ensures that new and existing mines achieve peak profitability throughout their life cycles. This is achieved through the identification and application of the best combination of strip ratio, coal quality, CHPP performance, production mix, mining selectivity, cost structures, and operational systems.

Benchmarking, mine operations simulation and a range of optimisation services are available to support both high level and detailed strategic analysis and advice.

Expert Corporate Reports

AMC provides technical audits, technical expert reports, due diligence, and expert assessment reports for mining companies, insurance companies, banks, and investors requiring truly independent analysis and appraisals.

Renewable & Alternative Energy Services

Through its in-house expertise and strategic partnerships, AMC offers comprehensive:

- **Geothermal Services:** site selection, drilling, exploration, resource assessment, reservoir stimulation, appraisals, and economic resource modelling.
- **Oil Sands Services:** evaluation of resources and reserves, thorough characterisation of bitumen reservoir volumes, evaluation of upgrading technologies, optimisation of extraction methods.
- **Uranium Services:** resource and reserve estimates, audits, project studies, strategic reviews, ventilation, and backfill.

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