



Geology

AMC - the business of mining

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Geology

AMC Consultants' (AMC) geologists are experienced in the complete range of industry activities from exploration planning through to mining reconciliation and audits. We have global expertise in all of the major metallic and non-metallic minerals, together with proficiency in national reporting codes and standards including JORC, NI 43-101 and SAMREC. Our focus is quality and we work in partnership with our clients to achieve the best outcome.

Exploration

AMC provides expert advice on exploration strategy and programmes, including quantitative analysis of exploration effectiveness (using Geo-mark®). We also prepare technical reviews and valuation of exploration properties.

Resource Estimation

The core of AMC's expertise is database integrity, comprehensive QA/QC, geological interpretation, geostatistics, resource modelling, estimation, classification and reporting. We draw on our global experience in metallic and non-metallic minerals to deliver an effective technical and economic assessment.

Resource Review and Audit

AMC specialises in technical reviews and audits of mineral resources and ore reserves – from preliminary desktop reviews to comprehensive site-based audits of all aspects of estimating mineral resources.

Independent Technical and Geological Reports

We prepare Competent/Qualified Person Reports for public reporting of a wide range of commodities. We also prepare Independent Geologist and Independent Technical Reports and can provide expert witness services.

Mining Geology and Geological Benchmarking

By assessing how an organisation's geological systems compare with international best practice, AMC assists clients' focus on critical areas for improvement in mine geology practices, on-site systems, resource estimation, grade control, coal quality and reconciliation.

Geological Uncertainty and Risk Assessment

AMC reviews and advises clients on the implications of geological uncertainty, geological risk and appropriate assessment strategies – from estimation of mineral resources to evaluating geological factors that contribute to estimation and extraction of ore reserves.

Professional Development

Training programmes are tailored to meet specific client or industry needs including compliance with reporting standards (e.g. JORC, NI 43-101), resource estimation and auditing, sampling, geostatistics (ISATIS), geological risk/uncertainty and project management.

Like to learn more?

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