

BMI APPRAISALS
中和邦盟評估有限公司

Technical Consulting



growing your business

Company Background »

BMI Technical Consulting is a member of BMI Appraisals Limited. BMI Appraisals Limited is an international appraisal firm, providing a wide spectrum of professional valuation and consultancy services to clients worldwide in connection with Initial Public Offerings (IPO), public documentation, mergers & acquisitions, financing, taxation, liquidation, financial reporting, migration and litigation uses.

We are well recognized by the Stock Exchange and the Securities & Future Commission in Hong Kong, the Stock Exchanges in Taiwan, Singapore, Korea, New York, Canada, Australia and London, AIM, Deutsche Borse, Nasdaq, OTCBB and CSRC as well as international audit firms and financial institutions.

BMI Technical Consulting has been established to cater for the demand for technical consulting services and it aims at providing professional and extensive technical consulting services to our clients worldwide. We provide technical consulting services tailor-made to support clients in aspects of mining, oil and gas, industrial engineering, tree plantation/forestry, livestock rearing, aquaculture and capture fishery bringing the vision and experience required to implement comprehensive solutions which meet our clients' needs and provide a solid platform for future growth.



Professional Qualification



- Member of The Institute of Materials, Minerals & Mining (MIMMM)
- Member of The British Geotechnical Society (BGS)
- Member of The Canadian Geotechnical Society (CGS)
- Member of The American Geotechnical Institute (GEO)
- Member of The Institution of Civil Engineers, UK (MICE)
- Member of The Institution of Engineers, Australia (MIEAust)
- Member of The Institution of Chartered Engineers of Canada (MCHE)
- Member of The American Society for Engineering Management (ASEM)
- Member of The Hong Kong Institution of Construction Manager (MHKICM)
- Member of The American Society of Civil Engineers (ASCE)
- Member of The Canadian Society For Civil Engineering (CSCE)

- Chartered Civil Engineer (CEng)
- Chartered Professional Engineer (CPEng)
- Chartered Scientist of The Science Council, UK (CSci)
- Chartered Geologist of The Geological Society of London
- Chartered Member of The Institution of Structural Engineers (IStructE)
- European Geologist of The European Federation of Geologists (EFG)
- Certified Professional Geologist of The American Institute of Professional Geologists (AIPG)
- Member of The Society of Petroleum Engineers (SPE)
- Member of The Society of Exploration Geophysicists (SEG)
- European Association of Geoscientists and Engineers (EAGE)

Our professional service team members are qualified **Competent Person** required by the relevant standards.

Services



Mining

Our service team specializes in various mining projects, including surface and underground mines, slope stability and strata control, rock engineering, heap leach processes and environmental monitoring and management. Our extensive experience from resource estimation through mine planning to mine decommissioning ensures innovative, cost effective and environmentally acceptable solutions from pre-feasibility to site rehabilitation.

Resources and Reserves

Our approach to resource and reserve estimation combines our strengths in structural and alteration geology with mining operational experience of:

- Geology data management systems
- Ore body modelling
- Resource and reserve estimation
- Ore characteristics and optimisation
- Sampling and grade control
- Set-up, technical review and audit of grade control systems
- Expert advice on resource/reserve classification systems
- Conditional simulation for risk analysis, product variability and grade control
- Technical reviews and audits
- Due diligence of resources and reserves

Feasibility Studies

Our services range from the preparation of scoping studies and mining feasibility studies for new projects, which covers:

- Scoping and conceptual studies through to bankable documents
- Due diligence assessments
- Audits of existing operations
- Mine financing options
- Legal opinions and arbitration
- Mining risk assessments

Mining Geology

Our consultants specialize in the ore-forming process, and can relate this to the geometry of orebodies to provide confidence in targeting, scheduling of near mine exploration targets, optimizing the mapping and grade control procedures to deliver operational efficiencies, and improving geological prediction for open pit and underground operations.

Oil and Gas

With extensive global experience and commitment to the best quality of services, our specialists provide professional consultancy services to

the oil and gas industries with advice, support and assurance to help our customers to realize the maximum value from their assets.

Exploration

Our petrophysicists provide exploration and evaluation through characteristics, grading, seismic interpretation, volumetric and deterministic modeling.

Reservoir Estimation

We provide independent certifications of oil and gas reserves and resources. Our specialists have extensive experience in conducting grass-root reserve estimations and audits utilized by stock exchanges with guidelines promulgated by Society of Petroleum Engineers (SPE) and for financial reporting and acquisitions and disposals. Our team members have over 25 years' experience in exploration, reservoir evaluation and field development.

Tree Plantation / Forestry

We have teamed up with reputable tree specialists who have extensive experience in assessing the tree resources (biological assets) of tree plantations or forests in different countries. Our tree specialists have the expertise to conduct on-site surveys for the following parameters:

- Identify the species of trees
- Assess the number, the size as well as the growth conditions of trees
- Evaluate the total stand volume (biomass) of the trees

In addition, they can offer advice on how to improve the conditions of the environment in which the trees are planted in order to increase the productivity of the whole tree plantation.

Livestock Rearing

Livestock production must strike a balance between the needs of human health, the environment, animal health and welfare and profitability. Our technical consultants help you to achieve that balance in livestock management, both on-farm and beyond the farm. Our specialist services cover the following areas:

- Identify methods for maintaining livestock health and their implications for stock health
- Provide solutions and project management services on agri-environment and animal welfare topics
- Develop animal health products
- Refine and apply molecular diagnostics

Furthermore, our specialists can share their knowledge on environmental technology for livestock farming in the areas as follows:

- Livestock wastewater treatment
- International development on waste management in pig farming
- Odour control in pig farms and waste treatment systems
- Livestock waste information system

Aquaculture

To provide and maintain good quality aquaculture operations, our technical advisers can help you in the following ways:

- Increase the competitiveness of the aquaculture products
- Enhance the quality and safety of aquaculture products
- Assist on fish culture techniques and related management problems encountered
- Provide technical advice on appropriate measures to overcome or minimize the problems
- Advise on good husbandry techniques and disease prevention measures
- Provide assistance in disease diagnosis and advice on appropriate treatment measures

Capture Fishery

For conservation of valuable fisheries resources, our consultants on capture fisheries advise on a number of fisheries management and conservation measures to promote sustainable development of the fishing industry and conserve fisheries resources. Our services cover:

- Provide technical advice on construction, equipping and maintenance of fishing vessels
- Disseminate information on sustainable fisheries such as offshore fishing, deep sea fishing and fish processing

Industrial and Operations Engineering

We provide consulting improvement process for Manufacturing and Distribution companies seeking workflow efficiency and excellence. Our experts are industry leaders in manufacturing and engineering and we specialize in:

- Business process re-engineering
- Lean engineering
- Chemical and medical management
- Facility design improvement
- Supply chain logistics
- Material handling solutions



Technical Consulting Team

Our Technical Consulting team possesses extensive experience in mining and resources engineering. They are familiar with a wide range of prospecting techniques, evaluation, engineering and extraction methods.

Dr. Jue Wang

Director, Technical Consulting (Oil & Gas)

Dr. Wang is a Director of the Company. She has over 20 years of operational and senior management experience in upstream exploration and production activities in the oil and gas industry and won numerous awards for her technical knowledge excellence. Prior to her current position, she was the senior management in the Chinese state-owned oil company, Sinopec. Within Sinopec, she was responsible for petroleum production management all the while. Prior to that, she worked in various departments in major petroleum companies in China for about 17 years and headed the planning of exploration and production departments. In her capabilities, Dr. Wang was also engaged as Senior Oilfield Reservoir and Production Engineer, Geologist in oilfield development, Assistant Supervisor of the oilfield development department, etc.

Dr. Herman Tso

Director, Technical Consulting (Mining)

Dr. Tso is a Director of the Company. He has over 22 years of extensive executive and site experience in civil, geotechnical and mining engineering working with consulting engineers & contractors including Canada and Hong Kong. He is the Chartered Professional member of the Institute of Materials, Minerals & Mining (UK) and a board member in the Hong Kong branch of the Institute of Materials, Minerals & Mining. He is the professional member of the Canadian Institute of Mining, Metallurgy & Petroleum, the Canadian Geotechnical Society, the British Geotechnical Society and the American Geotechnical Institute. He is also a Chartered Civil Engineer and Chartered Mining Engineer. Beside, Dr. Tso has been actively involved in academic activities. He is currently the visiting professor of Bulacan State University. He has also lectured in various education institutions and professional organizations in Hong Kong.

Mr. Chi Seng Kong

Associate Director, Technical Consulting (Mining)

Mr. Kong is an Associated Director of the Company. He is a registered Geologist and Geotechnical Engineer with over 25 years' geological experience in Hong Kong and overseas. He holds a bachelor degree in geology from National Taiwan University and a master degree of Science, Applied Geosciences from the University of Hong Kong. Mr. Kong has extensive experience in mining and materials handling industries with a broad background in engineering and project management. He has extensive experience in areas of management, geological data collection and modeling, ground investigation, sampling, assaying and QA/QC, geological mapping and structural geology application. Mr. Kong has been awarded European Geologist, hartered Geologist (UK), Chartered Professional (Geology & Mining) (Australia), Certified Professional Geologist (American) and the Scrutinizer for the Chartered Geologist (UK). He is a fellow of the Geological Society (UK), member of the Australasian Institute of Mining & Metallurgy, Vice Chairman of the Geological Society of Hong Kong — Professional Branch. Mr. Kong is also an approved Logging Geologist by Geotechnical Engineering Office of Environment, Transport and Works Bureau and Buildings Department of HKSAR.

Dr. Gang Yu

Chief Engineer, Technical Consulting

Dr. Yu is the Chief Engineer of the Company. He has over 21 years of international experience in geophysics, petrophysics, borehole seismic, logging services, drilling process, water treatment for the applications in petroleum, environmental, groundwater and mining industries. In recent years, Dr. Yu engages in development and implementation of the advanced technologies (including reservoir geophysics, production process optimization, facility optimization, etc.) for oil and gas development and production in complex mature oilfields. He is a visiting professor of Chengdu University of Technology and China University of Petroleum.

Professional Standard



Our technical reports are prepared in accordance with various international standards and codes required for public reporting, which are consistent with our adoption of the JORC Code, the SAMREC Code and NI 43-101.

Technical reports should be prepared by a qualified independent Competent Person(s) who must have at least five years' experience

relevant to the style of mineralization and type of deposit under consideration or to the type of oil and gas exploration, reserve estimate, and to the activity which they are undertaking. A Competent Person must be professionally qualified, and a member in good standing of a Recognized Professional Organization that upholds professional standards and ethics, and has disciplinary powers.

Geographical Area Covered

We have wide experience to conduct valuations for assets located in Hong Kong, Macau, China, Taiwan, Singapore, Japan, Malaysia, Indonesia, Vietnam, Thailand as well as western countries like Australia, Canada, USA and some European countries. In China, our valuations cover all the major cities such as Beijing, Shanghai, Chongqing, Tianjin, Shenzhen, Guangzhou, Chengdu, Wuhan, Shenyang, Harbin, Changchun, Xinjiang and so on.



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