

# MANAGEMENT TEAM



**ANDREW J. VIGAR** | Chairman, BSc. (App. Geol.), FAusIMM, MSEG, MAIG

Andrew is a geologist with 37 years of experience in the minerals industry covering exploration to mining, corporate finance and education. He held multiple executive level positions prior to commencing consulting in 1996. He founded Mining Associates in 2003, Alligator Energy (ASX:AGE) in 2010 and K92 Mining in 2015. He is the Chairman of the Brisbane Mining Club and lectures at the University of Queensland.



**TONY PAGE** | CEO, B.Sc. Geology (Hons), Ph.D Geology

Tony is a geologist with 24 years experience in the minerals industry. He has worked in both the major and junior sectors in exploration, exploration finance and commodities research. He is the co-founder of East Asia Minerals (TSXV: EAS) in 2005 and Aziana Limited (ASX: AZK) in 2011. He has also lectured at the University of Hong Kong. Tony has worked in over 20 countries with a strong focus in Asia, Central Asia and the CIS.



**TOM BISPHAM** | Managing Director, Global Business Development & MA Capital

Tom was formerly a Managing Director of Behr Dolbear for over ten years and has been Hong Kong based since 1995. He has 35 years experience as a project finance banker and investment banker. Tom served as COO of JPMorgan's Asia Pacific investment banking business and as a senior banker. His mine finance transaction history spans the globe for major mining, power and infrastructure groups. He also serves as a Director of the Asia Mining Club and a Director of the Hong Kong Branch of the CIM Management and Economic Society.



**KYLIE PRENDERGAST** | Managing Director Australia & Pacific, B.Sc. Geology (Hons), Ph.D, MAIG

Kylie is an experienced ore deposit and exploration geologist with 19 years experience in the minerals industry. She has been involved in and managed projects in Australia and abroad, at all stages including business development, exploration generation, discovery, feasibility and mine development.



**STEVE LEBRUN** | Managing Director Europe, Africa, CIS B.Sc. Geology (Hons), MSc, MAusIMM

Steve has over 25 years experience in the resources sector throughout Europe, Africa, the Americas, CIS and Australasia. He has worked for Rio Tinto, Normandy-LaSource, Ma'Aden and Kazakhmys and as a consultant to major and junior companies. Steve has also worked closely with AMC, Hatch, Snowden and CSA Global. He has experience in a wide range of commodities, JORC and NI 43-101 reporting and has participated in IPOs and feasibility studies.



**BRIAN GROVES** | Managing Director, Americas

Brian has more than 35 years experience in the minerals industry and has worked with both major and junior mining companies during his career. His experience encompasses mineral exploration, project management, project development, project permitting, consultation with local and indigenous communities, corporate development and capital markets. He has previously served as a CEO for two TSX-V listed companies and is currently a director of two junior Canadian exploration companies. Brian also serves as a director of a British Columbia First Nations economic development corporation.



**MININGASSOCIATES**

**GLOBAL MINING BUSINESS EXPERTS**



## CONTACTS

### HONG KONG

DR. TONY PAGE  
SUITE A, 26TH FLOOR, CHINAWEAL CENTRE,  
414-424 JAFFE RD, CAUSEWAY BAY, HKSAR  
EMAIL: [tony.page@minasc.com](mailto:tony.page@minasc.com)  
PHONE: +852 2430 7575

### HONG KONG

MR. THOMAS P. BISPHAM  
SUITE A, 26TH FLOOR, CHINAWEAL CENTRE,  
414-424 JAFFE RD, CAUSEWAY BAY, HONG KONG  
EMAIL: [tom@minasc.com](mailto:tom@minasc.com)  
PHONE: +852 2430 7575

### BRISBANE

DR. KYLIE PRENDERGAST  
LEVEL 4, 67 ST. PAUL'S TERRACE, SPRING HILL,  
QUEENSLAND 4004, AUSTRALIA  
EMAIL: [kylie@minasc.com](mailto:kylie@minasc.com)  
PHONE: +61 (0)7 3831 9154

### LONDON

MR. STEVE LEBRUN  
KEMP HOUSE, 152-160 CITY RD,  
LONDON, EC1V 2NX, UK  
EMAIL: [steve@minasc.com](mailto:steve@minasc.com)  
PHONE: +44 (0) 207 566 3939

### VANCOUVER

MR BRIAN GROVES  
1903 GLOAMING DRIVE,  
KAMLOOPS, BC, V1S 1P8, CANADA  
EMAIL: [brian@minasc.com](mailto:brian@minasc.com)  
PHONE: +1 604 562 3899

## ABOUT US

Mining Associates is a leading global geological, resource and mining consultancy with offices in Hong Kong, Brisbane, London and Vancouver. Our **Consulting Business** provides expert technical advice across a wide range of mineral commodities, geological settings and mining methods on a diverse range of projects globally. Our technical skills range from exploration to full feasibility studies, mining operations and closure. Our clients include exploration and mining companies, financial institutions, stockbrokers, law firms and auditors. Our consultants are recognized as industry professionals and competent persons for all major stock exchanges, and are skilled in JORC and NI 43-101 reporting. Mining Associates is very client focused, providing open communication and professional services, resulting in a product that exceeds client's expectations.

The Mining Associates **Capital Business** leverages the core technical expertise within the group to identify, evaluate and invest in resource projects of interest to us. The many years of finance capability brought to us by Tom Bispham serves MA Capital well by bridging the gap between mining technical and financial professionals. We unlock value in mineral assets by expanding resources, merging assets, solving technical, legal or political roadblocks, or revising development concepts. We seek projects where we see capital value growth opportunities or short paths to production and cash flow. Mining Associates provided advice to the Hong Kong Stock Exchange in developing the regulations for miners to list in Hong Kong, and our Hong Kong head office location provides us with particular strength with Asian financiers seeking projects globally, and vice versa. At a time in the global commodity cycle when many peers are consolidating, our business model allows us to stay busy and expand.

## OUR SERVICES

- Exploration geology and management
- Resource evaluation and geostatistics
- Mine design and scheduling
- Mine operations
- Independent Technical reports & studies
- Due Diligence & Audits
- Metallurgy & Process Engineering Project Management
- Valuations
- Expert Witness
- Mergers & Acquisitions Capital Raising

## OUR COMMODITY EXPERTISE

- Precious Metals (Au, Ag, PGMs)
- Base Metals (Cu, Pb, Zn)
- Bulk Commodities (Fe, Al)
- Steel Industry Metals (Ni, Cr, Ti, V)
- Industrial Minerals & Materials
- Energy (Coal, Gas, Uranium, Oil)
- Specialty (Diamonds, Gems & Others)

## RECENT PROJECTS

### COPPER AND/OR GOLD

#### FREEMONT GRASBERG WEST PAPUA, IRIAN JAYA

- Sarbanes Oxley review of resources & reserves
- Both underground & open pit

#### TOKA TINDUNG, INDONESIA

- Resource estimation
- Geological modelling
- JORC code report
- Grade control

#### HINOBA-AN & BASAY, PHILIPPINES

- Technical review
- Geological modelling
- Resource estimation

#### MASBATE, PHILIPPINES

- Resource estimation
- Feasibility Study
- NI43-101 Report

#### SANGIHE, INDONESIA

- Drilling supervision and resource

#### IMWAUNA, PNG

- Technical and exploration review
- Scoping study

#### BURITICA, COLOMBIA

- Exploration Targeting
- Resource Estimation
- NI43-101 Report

#### ERITREA, AFRICA

- Geotechnical review and JORC resource

#### KOLAR, INDIA

- Exploration planning, resource estimate and updates

#### ROCKLANDS, QLD, AUSTRALIA

- Resource estimation
- Independent technical review
- JORC code report

### IRON ORE

#### KAZAKHSTAN

- Feasibility study
- Geology review
- Resource estimation

#### GHANA

- Geology and metallurgy review
- Technical due diligence
- Independent technical report

### URANIUM

#### WESTMORELAND, QLD, AUSTRALIA

- Technical review
- Geology synthesis
- Resource estimation
- NI43-101 Report

#### LAKE MAITLAND, AUSTRALIA

- Independent technical review
- JORC code report
- Ore body assessment

### BAUXITE

#### HAUXI IPO, CHINA

- Project review
- Largest independent aluminium project in China

#### AURUKUN, QLD, AUSTRALIA

- Resource estimation
- Drill database
- QA & QC

#### FIJI

- Resource estimate

### NICKEL LATERITE

#### TIÉBAGHI, NEW CALEDONIA

- Geology
- Production control
- Resource review

### POTASH

#### UDON THANI, THAILAND

- Scoping study
- Resource estimation
- Drill database

### COAL

#### QUEENSLAND COAL, AUSTRALIA

- Independent technical reviews
- Financial opinion reviews
- Resource estimates
- Conceptual mine plans

### MINERAL SANDS

#### KUMAMBA, INDONESIA

- Technical due diligence
- Fatal plan analysis
- Resource review
- Mining & processing review.

### LEAD ZINC

#### YUNNAN, CHINA

- Due Diligence and Resource Estimate

#### INNER MONGOLIA, CHINA

- Due Diligence

### CORPORATE SERVICES

- JORC Competent persons report
- HKSE
- Zhejiang Chang'an Renheng Technology Co Ltd #8139