Mineral Sands Conference
Australia’s key meeting place for the mineral sands industry
21 – 22 March 2018 | Crown Perth, WA

PRESENTATIONS FROM:

Reg Adams, Managing Director, ARTIKOL UK
Jozsef Patarica, Chief Operating Officer, Mineral Deposits
Tim Carstens, Managing Director, Base Resources
Martin Purvis, Managing Director, MZI Resources Ltd
David McCoy, Executive Chairman, TZ Minerals International Pty Ltd
Peter Klein, CEO, Midwest Ports
Mark North, Shipbroker, Thurlestone Shipping
Luke Graham, Chief Executive Officer & Managing Director, Strandline Resources Limited
John Sykes, Strategist, MinEx Consulting

Cameron Perks, Industrial Minerals Consultant, CPIM Consulting
Dave Morris, Regional Manager West, Mineral Technologies
Damian Connelly, Director Principal Engineer, Midas Engineering Group Mineral Engineering Technical Services (METS)
Bruce McFadzean, Managing Director, Sheffield Resources Ltd
Patrick Mutz, Managing Director, Image Resources
Michael Winternitz, Project Manager & Senior Geologist, WIM Resources Pty Ltd
Paul Burton, Managing Director, TNG Limited
Alister MacDonald, General Manager, Marketing, Alkane Resources Ltd

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Day 1

Mineral Sands Conference
Wednesday 21 March 2018

8.30  Registration and Morning Coffee

9.00  OPENING | Opening remarks from the Chair

INDUSTRY OUTLOOK

9.10  TiO2
— Uncertain global economic climate
— Changed identities of major players
— Dwindling mineral reserves
— Future supply/demand scenarios
— Outlook for prices
Reg Adams, Managing Director, ARTIKOL UK

9.50  Industry outlook
Please check the conference website regularly for updates on speakers and topics

10.30  Refreshment break

OPERATION UPDATES

11.00  Grande Côte Update
Jozsef Patarica, Chief Operating Officer, Mineral Deposits

11.30  Base Resources: Delivering
— Outstanding operational performance
— Value enhancement at the Kwaole Operations
— An attractive platform for growth
Tim Carstens, Managing Director, Base Resources

12.00  New Kid on the Block
The emergence of the most recent producer in the mineral sands industry.
Martin Purvis, Managing Director, MZI Resources Ltd

12.30  Lunch

FOCUS ON ASIA

1.40  The Evolving Chinese Landscape
— Where will China source feedstocks for the future?
— Evolution of Chinese chloride technology
— The impacts of environmental auditing
David McCoy, Executive Chairman, TZ Minerals International Pty Ltd

SUPPLY CHAIN & TRANSPORTATION

2.20  Facilitating efficient supply chains
— Availability of loading facilities
— Stevedoring
— Traffic Movement
Peter Klein, CEO, Midwest Ports

3.00  Dry Bulk Shipping: Outlook for Mineral Sand Freight Costs
— Dry Bulk Supply and Demand Fundamentals
— Outlook for sea freight costs of mineral sands
Mark North, Shipbroker, Thurlestone Shipping

3.30  Refreshment break

PROJECT UPDATES

4.00  Emerging mineral sands developer
— Strandleine positioning for the next generation of minerals sands developments
— Advancing the Zircon-Rich Fungoni Project ready for execution and near-term cash flow
— Defining a potential pipeline of high unit value titanium & zircon projects along the Tanzanian coastline
Luke Graham, Chief Executive Officer & Managing Director, Strandline Resources Limited

4.30  Developing Mount Peak in the Northern Territory
— Project layout
— Products and markets overview
— Future plans
Paul Burton, Managing Director, TNG Limited

5.10  Open discussion

5.30  CLOSING | Closing remarks from the Chair

5.30  Networking drinks

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Mineral Sands Conference
Thursday 22 March 2018

8:30  Registration and Morning Coffee

9:00  OPENING | Opening remarks from the Chair

INVESTMENT

9.10   The current investment landscape for mining and exploration and mineral sands in particular - Opportunities and challenges
       John Sykes, Strategist, MinEx Consulting

9:50   Mineral Sands from IM’s perspective
       — IM’s mineral sand prices and methodology
       — Recent trends and current feedstock markets
       — Current and future work addressing mineral reserves, supply, and global material flows
       Cameron Perks, Industrial Minerals Consultant, CPIM Consulting

10.30  Refreshment break

TECHNICAL PERSPECTIVES

11.00  CT Spiral – The Game Changer in Gravity Separation Technology
       The CT1 is a new form of high performance spiral technology that has demonstrated exceptionally high recoveries on a number of different mineral sand feed types in rougher and scavenger duties. Testwork outcomes indicate that the CT spiral is to be the game changer in gravity separation technology.
       Dave Morris, Regional Manager West, Mineral Technologies

11.40  Will Titaniferous Magnetite’s Be A New Source of Titanium Pigment
       Titaniferous magnetite hard rock deposits are common throughout the world. Previously they have been processed to recover vanadium using the standard salt roast process however the economics based on vanadium alone are marginal. Of recent times, various groups have endeavoured to produce titanium pigment and vanadium from these ores using hydrometallurgical process routes. The technical challenges are significant. However, the potential to produce titanium pigment from these ores is approaching technical and commercial feasibility.
       Damian Connelly, Director Principal Engineer, Midas Engineering Group Mineral Engineering Technical Services (METS)

12.30  Lunch

1.40   Supply chains for value added zirconium and hafnium chemicals and powders
       — China’s dominant position- what happens when supply stops?
       — Issues related to U+Th
       — Dubbo Project
       Alister MacDonald, General Manager - Marketing, Alkane Resources

2.10   The Emerging Force in Mineral Sands
       — 42 year mine life in the world’s best mining jurisdiction
       — Robust mineral sands supply and demand dynamics
       — Thunderbird project funding well advanced
       — Globally significant zircon and ilmenite production
       — High quality products
       Bruce McFadzean, Managing Director, Sheffield Resources Ltd

2.30   Refreshment break

3.20   Image Resources; Australia’s next Mineral Sands Miner
       — Boonanarring Project, arguably highest grade, high-zircon undeveloped mineral sands deposit in Australia
       — Located in infrastructure-rich North Perth Basin just 80 km north of Perth
       — Strong bankable feasibility study results with $135M NPV, 64% IRR, $52M capital and 22-month payback period
       — Straight-forward, conventional project with open-cut mining, coarse-grained mineralisation and standard suite of mineral sand products
       — Capital equipment already acquired and binding off-take for 100% of production for life-of-mine
       — First production scheduled for 2nd Quarter 2018 with significant upside potential as commodity prices rebound sharply off recent lows
       Patrick Mutz, Managing Director, Image Resources

3.50   WIM Resource and the Avonbark Project Update
       — Project overview
       — Existing infrastructure
       — Products
       — Investment opportunities
       Michael Winternitz, Project Manager & Senior Geologist, WIM Resource Pty

4.20   Q&A & OPEN DISCUSSION | Closing remarks from the Chair

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1. Web

2. Telephone
   +61 (0)2 9080 4307 – Quoting P18R04

3. Email
   info@informa.com.au – Quoting P18R04

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VENUE DETAILS

Crown Perth, Great Eastern Highway, Burswood WA 6100

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