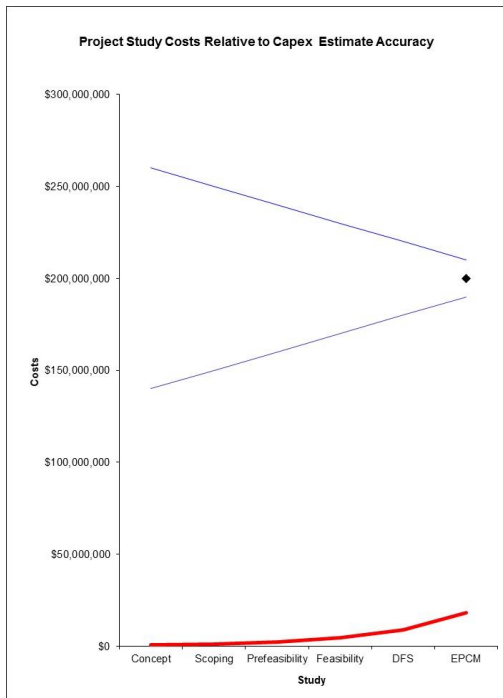


Services

- Mining advisor
- Owner's engineer
- Study management
- Project management
- Risk assessment & workshops
- Reserve estimation
- Competent person reports
- Qualified person reports
- Technical due diligence
- Independent technical expert reports
- Operation reviews
- Project development strategies
- Accident investigations
- Trial mine and pilot plant planning



Study Costs Relative to the Project Capex Estimate

About KBPL

Kent Bannister

After graduating in 1974 and mining for two years in Kalgoorlie and Mt Isa, Kent has over 39 years of experience in base metals, gold, uranium, manganese, mineral sands, nickel and iron ore. During this time, Kent has held positions as Mining Engineer, Senior Mining Engineer, Assistant Superintendent, Principal Engineer, Mine Manager, Registered Manager, General Manager, Consultant, Managing Consultant, Technical Advisor and Company Director. Kent has provided consulting services for over 25 years and has undertaken or led more than 100 mineral project studies. The consulting teams that Kent has managed have been responsible for completing more than 500 studies for Australian and international companies.

KBPL was formed in 2013 to provide independent advisory services.



KENT BANNISTER PTY LTD

Phone 0418747912

Kent.bannister@kbpl.com.au

<http://www.kbpl.com.au/>



Taharoa Iron Sands Mining Options and Planning Studies

Commodities

- Mineral sands
- Base metals,
- Gold,
- Uranium,
- Manganese,
- Phosphate
- Nickel
- Hematite iron ore
- Magnetite iron ore
- Industrial minerals
- Bauxite

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*Mineral Sand
Engineering and Management
Services*

Mineral Sand Studies

Mineral Sands Studies :

- BHP Titanium Minerals, Moma Deposit, Prefeasibility Study Scope
- BHP Titanium Minerals, Moma Deposit, Prefeasibility Mine Planning
- BHP Titanium Minerals, Beenup Deposit, Prefeasibility Study
- BHP Titanium Minerals, Beenup Deposit Tailings Management Study. Recovery Project, Technical Report, Mining Section



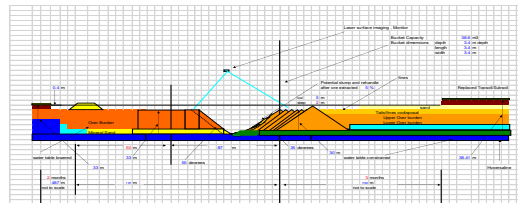
Beenup Dredge and Concentrators

- Murray Basin Titanium, Ouyen Deposit, Mining method Concept Study.
- HSBC _ Iscor Debundling Independent Due Diligence, Fairbreeze, all ISCOR HM deposits.
- Rotifunk Transcontinental Resources Mine Planning Review
- ISK Minerals, Dardanup Deposit , Pre Feasibility Study.
- Iluka Resources , Eneabba deposits, Strategic Planning Reviews
- BHP Taharoa, Mining Options Study

Technology Selection

Through Kent's experience in providing Strategic planning services for many mineral sand customers. KBPL can offer insights into the following technical areas:

- Dredge path optimisation
- Dry mine optimisation
- Haulage and equipment analysis
- Dry Mining, screening and pumping
- Trial mining to demonstrate grades recoveries, and mining, processing and tailings technologies
- Mine design and scheduling
- Fines thickening technology
- Co deposition of sand and fines
- Subaqueous deposition techniques
- Subariel deposition of tailings
- Evaporative and dry disposal of fines
- Combining sand streams with fines for optimal permeability.
- Material and water balance
- In pit crushing and conveying of ore and overburden
- Use of drag lines as a dry mining solution for high fines deposits, reducing environmental foot print and rehabilitation times.
- Hydraulic mining of sand dune deposits.

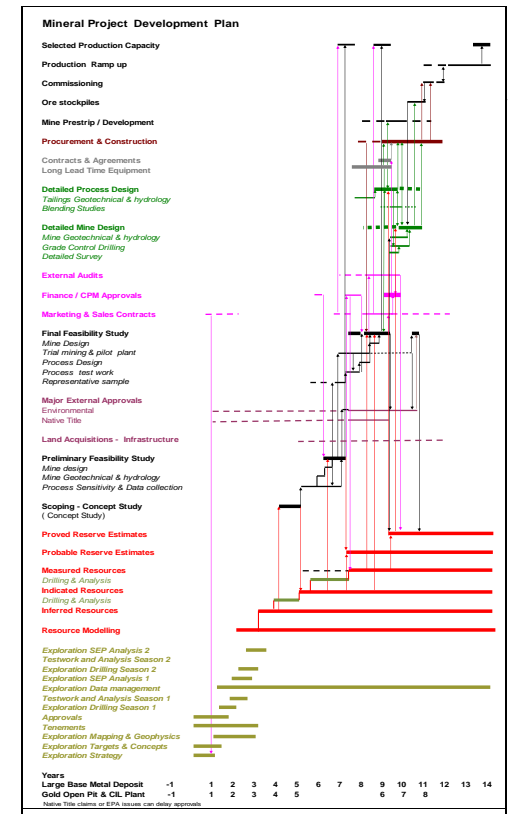


Drag Line Layout for Mineral Sands

Project Development

KBPL can assist owners of mineral companies to develop:

- Project objectives
- Risks mitigation strategies
- Project scale analysis
- Staging opportunities
- Operations readiness plans



Integrated Project Planning



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