

RIO TINTO

External Affairs

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3 October 2005

Company Announcements Office
Australian Stock Exchange Limited
SYDNEY NSW 2000

Dear Sir,

The attached was presented on 30 September 2005 at an Exploration seminar by Mr Tom Albanese, chief executive of Copper and head of Exploration.

Yours faithfully,



Ian Head
General Manager – Corporate Relations

Attach. 1

RIO TINTO

Tom Albanese

Exploration Seminar

September 30 2005

Chief Executive Copper and Exploration

Cautionary Statement

For the purposes of the Forward-Looking Statements Safe Harbor provisions of the US securities laws

This presentation contains statements which constitute forward-looking statements within the meaning of the US securities laws. Such statements include, but are not limited to, statements with regard to capacity, future production and grades, projections for sales growth, estimated revenues and reserves, targets for cost savings, the construction cost of new projects, projected capital expenditures, the timing of new projects, future cash flow and debt levels, the outlook for minerals and metals prices, the outlook for economic recovery and trends in the trading environment and may be (but are not necessarily) identified by the use of phrases such as “will”, “expect”, “anticipate”, “believe” and “envisage”.

By their nature, forward-looking statements involve risk and uncertainty because they relate to events and depend on circumstances that will occur in the future and may be outside Rio Tinto's control. Actual results and developments may differ materially from those expressed or implied in such statements because of a number of factors, including levels of demand and market prices, the ability to produce and transport products profitably, the impact of foreign currency exchange rates on market prices and operating costs, operational problems, political uncertainty and economic conditions in relevant areas of the world, the actions of competitors, activities by governmental authorities such as changes in taxation or regulation and those factors set out under Risk Factors in Rio Tinto's Annual Report on Form 20-F for the year ended 31 December 2004 filed with the U.S. Securities and Exchange Commission.

Rio Tinto Exploration (RTE) – Exploration Seminar

Agenda:

- **Exploration and Rio Tinto**
- **Exploration strategy and organisation**
- **Greenfield project review**
- **Brownfield exploration update**
- **Summary & conclusion**

Rio Tinto Exploration has a clear objective

“To create value by providing ore resources to Rio Tinto”



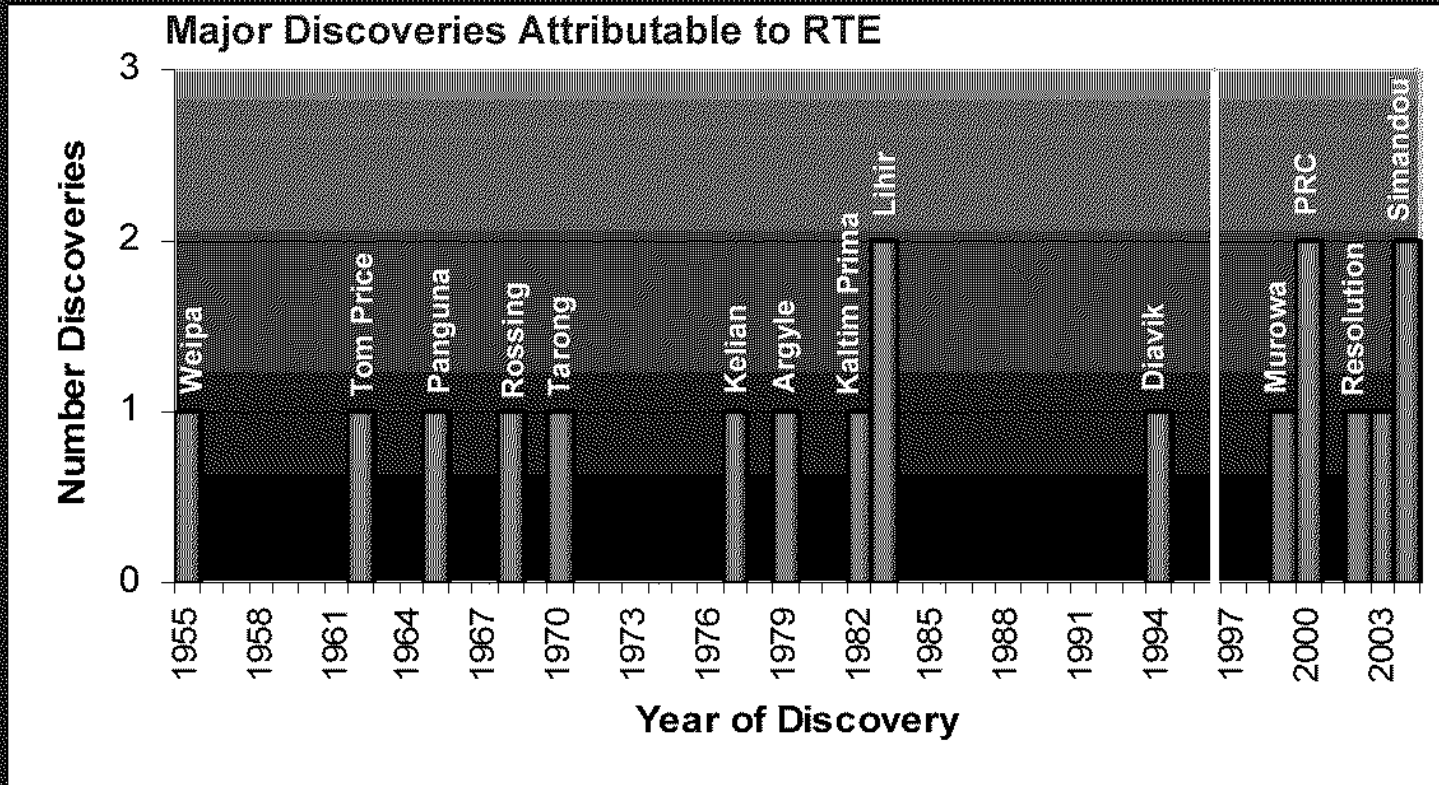
Diavik Diamonds



Indian Kimberlite being drilled

RTE has entered a period of near unprecedented exploration success since the 1995 DLC. RTE is well positioned to deliver new discoveries and growth options.

Exploration Group - a good track record of discovery



1955 Weipa	1977 Kelian	1994 Diavik	2003 Sari Gunay
1962 Tom Price	1979 Argyle	1999 Murowa	2004 Eagle
1965 Panguna	1982 Kaltim Prima	2000 Kazan	2004 Simandou
1968 Rossing	1983 Rawhide	2001 Potasio Rio Colorado	
1970 Tarong	1983 Lihir	2002 Resolution	

Note: Excludes discoveries divested and orebodies mined out.

— Exploration units reorganised into a single group under common management

RTE Strategy - The Key to Success:

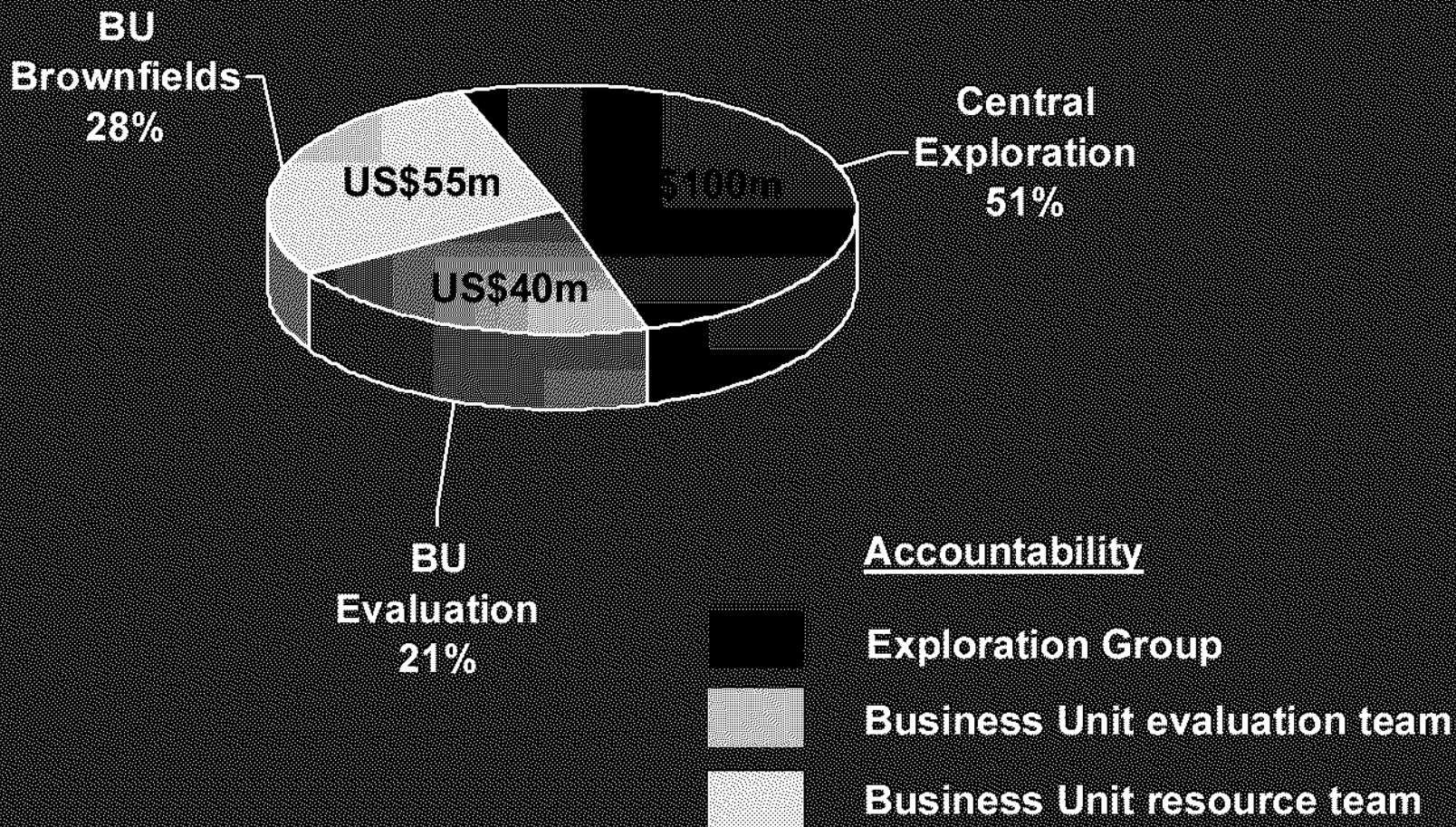
- **Establish a clear objective**
- **Prioritise, Prioritise, Prioritise**
- **Focus on results, not process**
- **Collaboration with partners**
- **Appropriate use of technology**
- **Selection of the best team**
- **Target quality**

Present organisation model

- **Four core geographic regions**
- **Two additional global teams**
- **Fewer larger offices**
- **Sustained base budget**
- **Global standards and common systems**
- **Close linkage with business units**

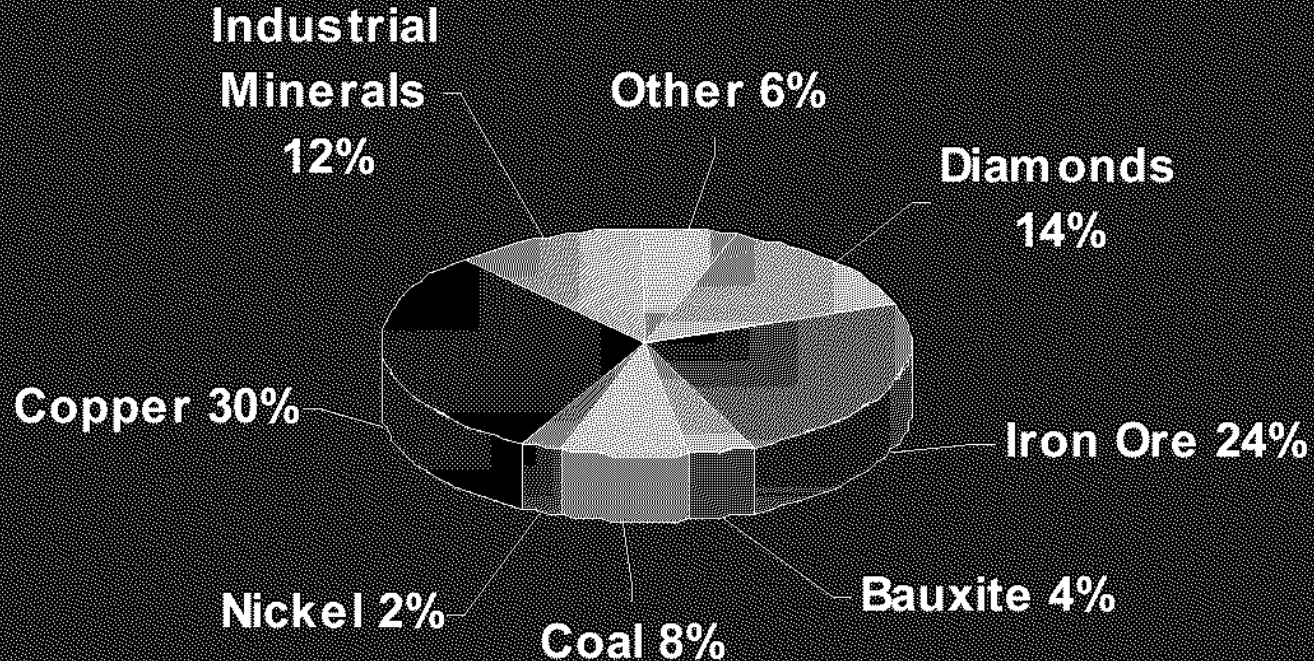
2005 Plan - Exploration/Evaluation Expenditure

Total spend by accountability



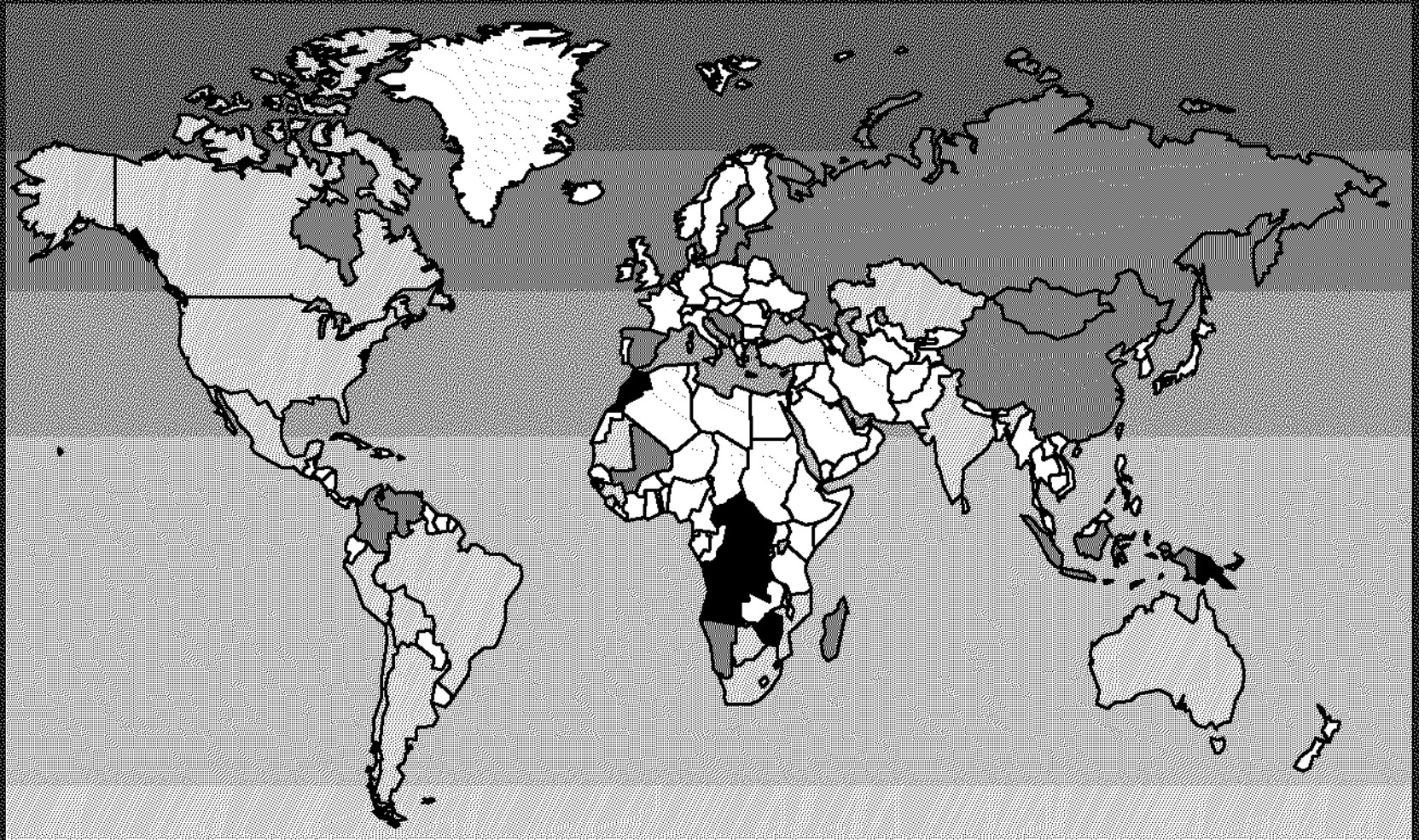
2005 Plan - Exploration/Evaluation Expenditure

Total spend by commodity



Total forecast spend ~US\$195m

Countries in which RTE is presently active



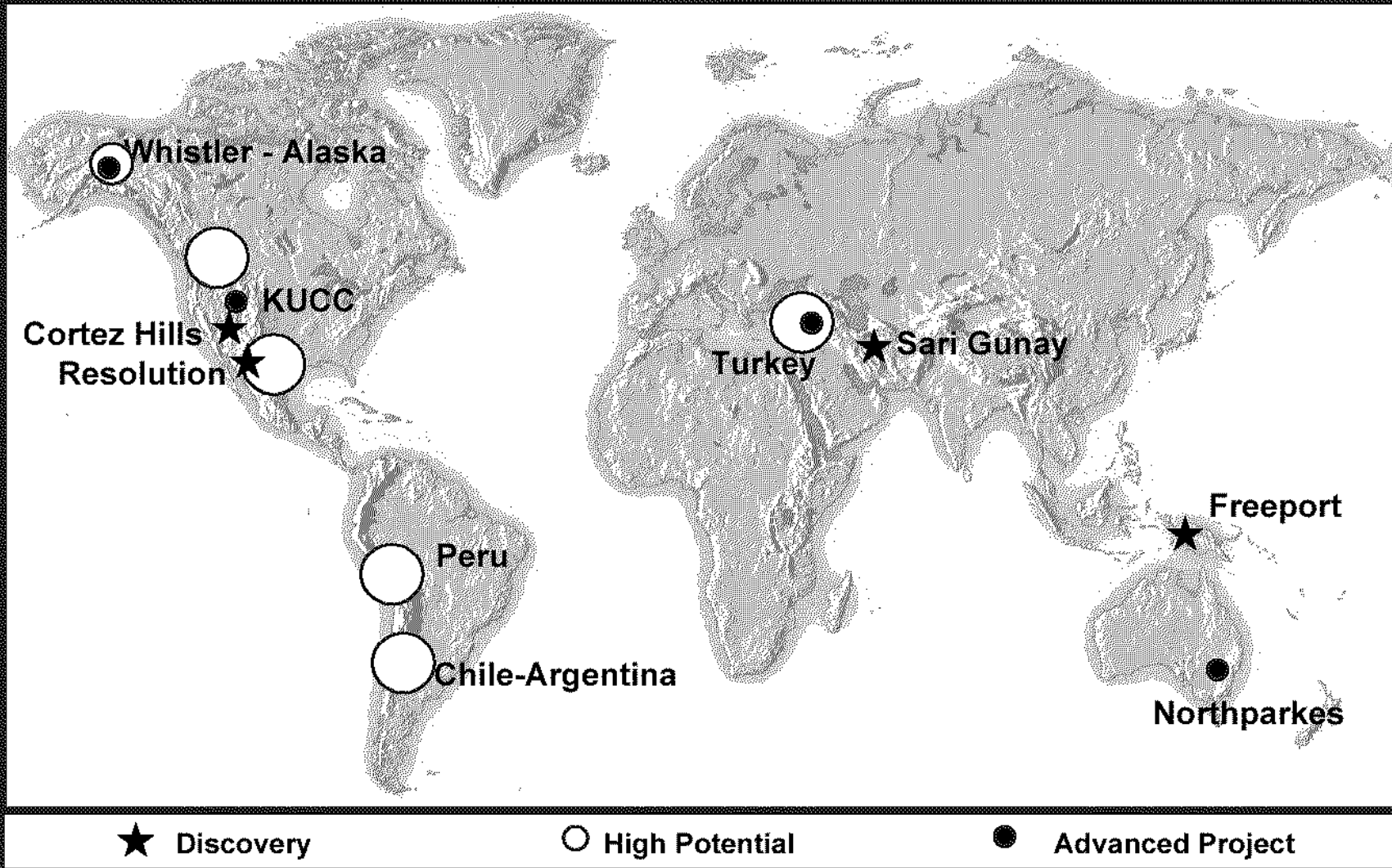
Core countries Emerging programmes Under review No present interest

Greenfield Project Review

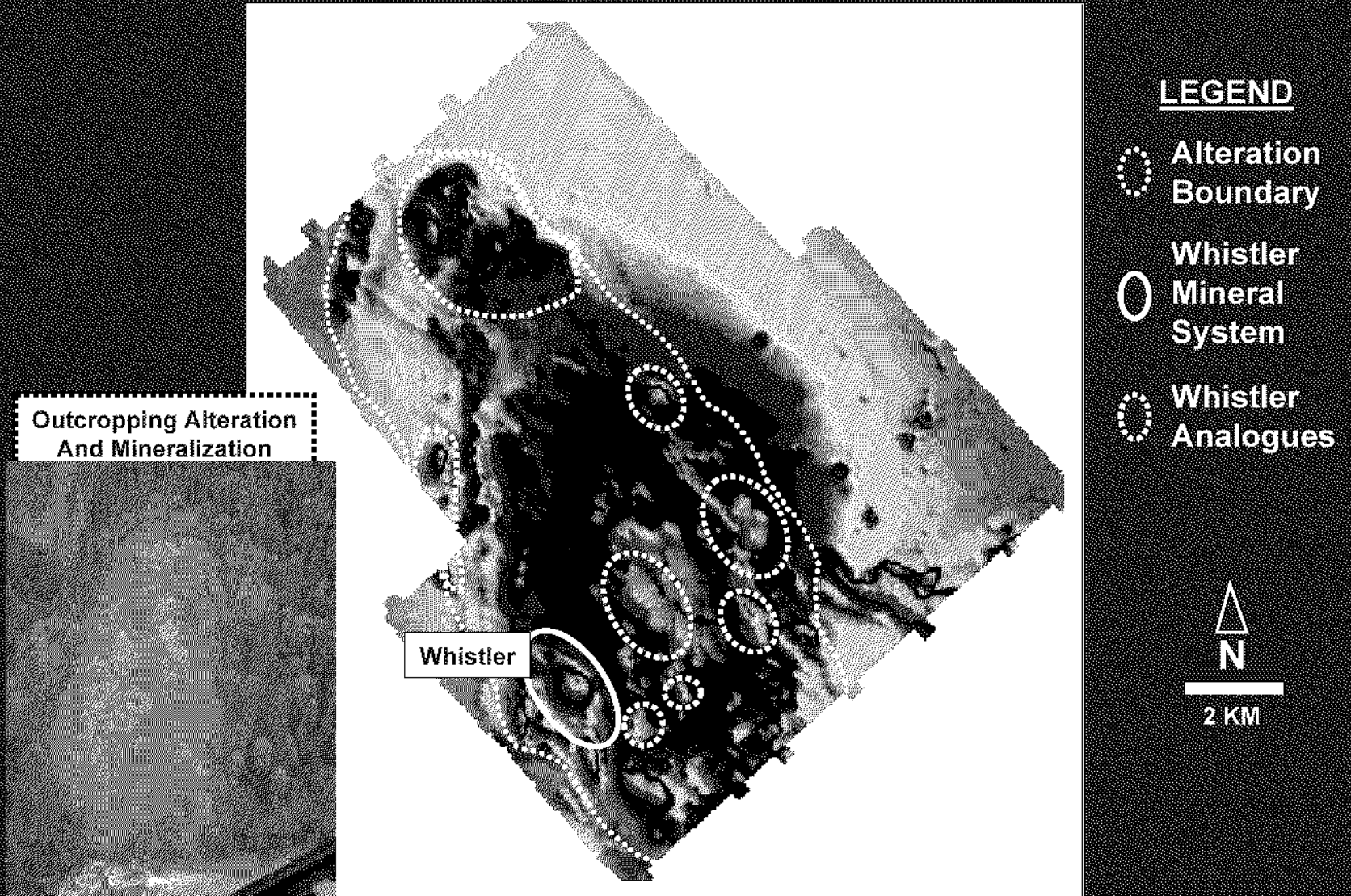
Projects in focus:

- **USA & Turkish copper/gold**
- **USA & Indonesian nickel**
- **Brazil bauxite**
- **Indian & Brazil diamonds**
- **Southern African coal**
- **Industrial Minerals**
- **Pilbara iron ore**

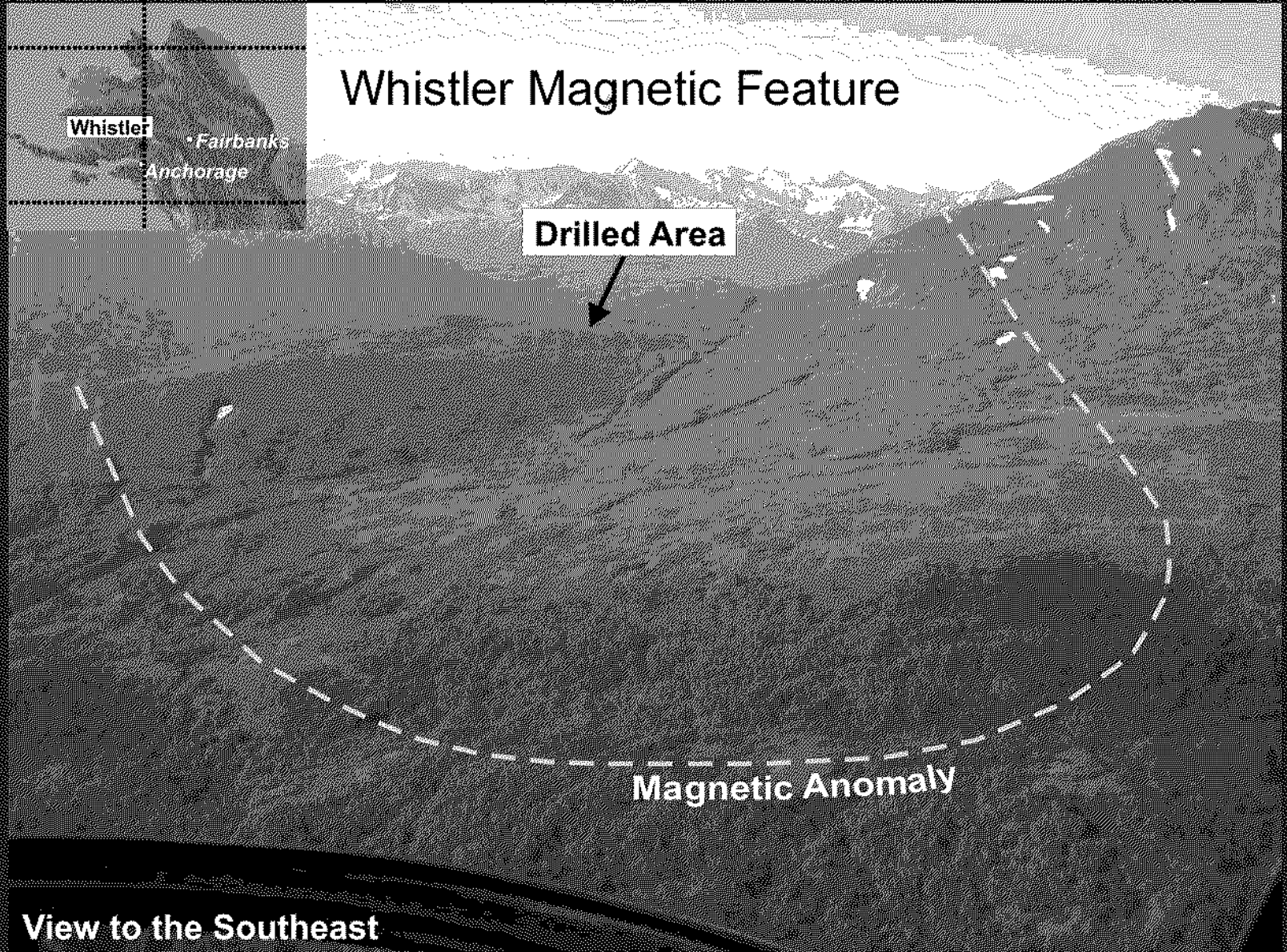
RTE Project Review - Copper



Whistler drill summary



Whistler view to southeast



Whistler Magnetic Feature

Whistler

Fairbanks

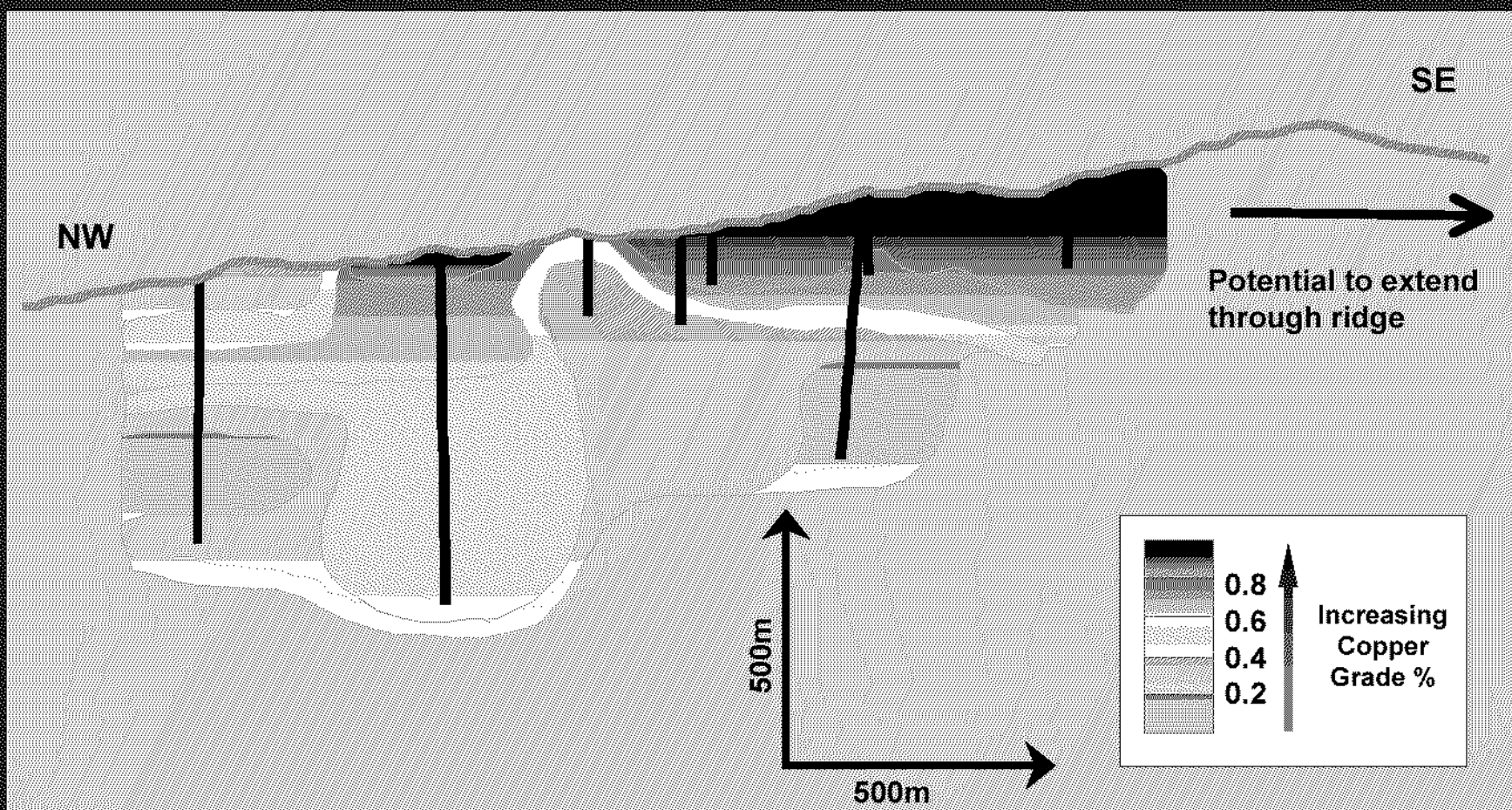
Anchorage

Drilled Area

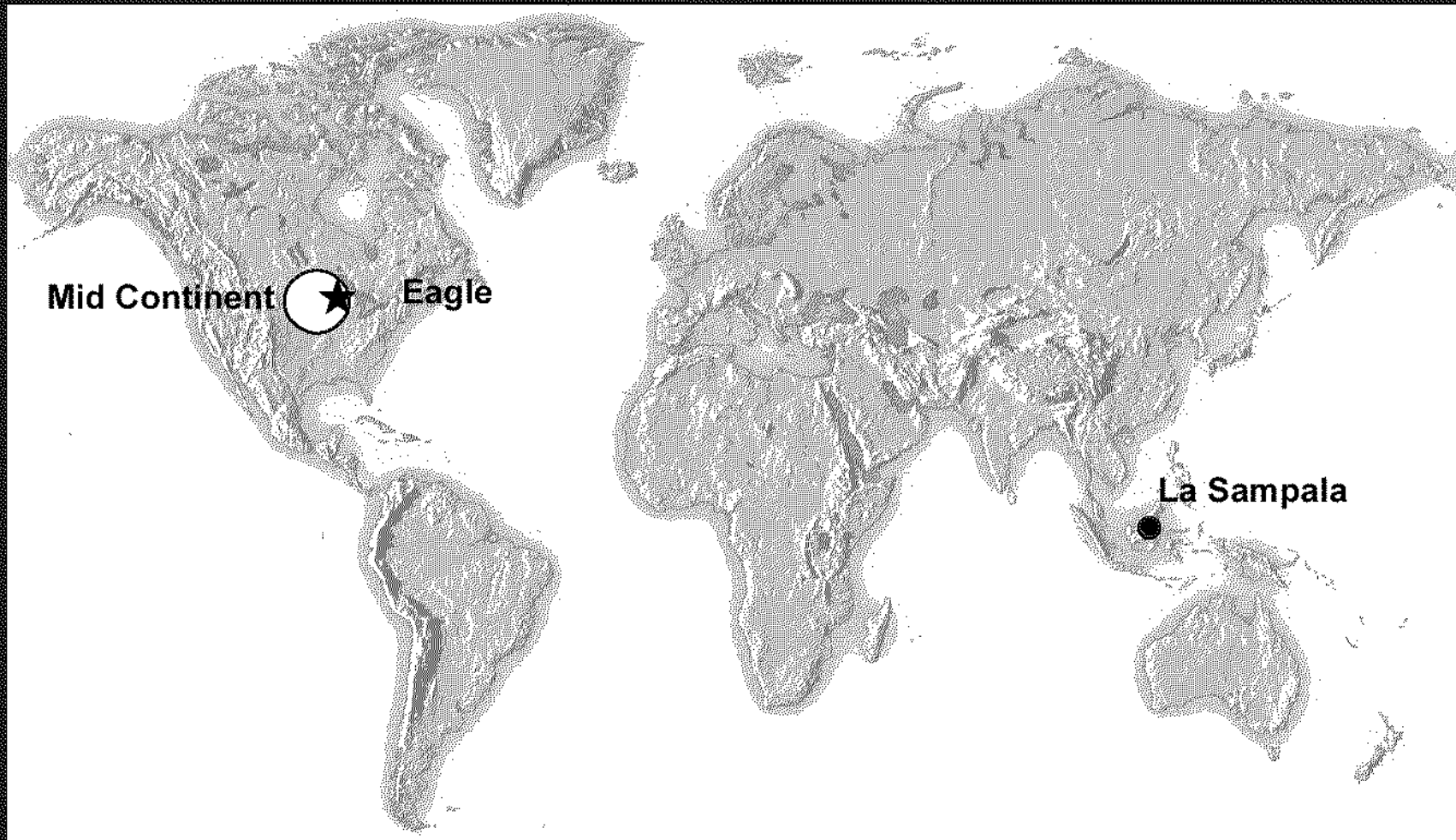
Magnetic Anomaly

View to the Southeast

Turkish porphyry prospect drill summary



2005 Plan - Nickel

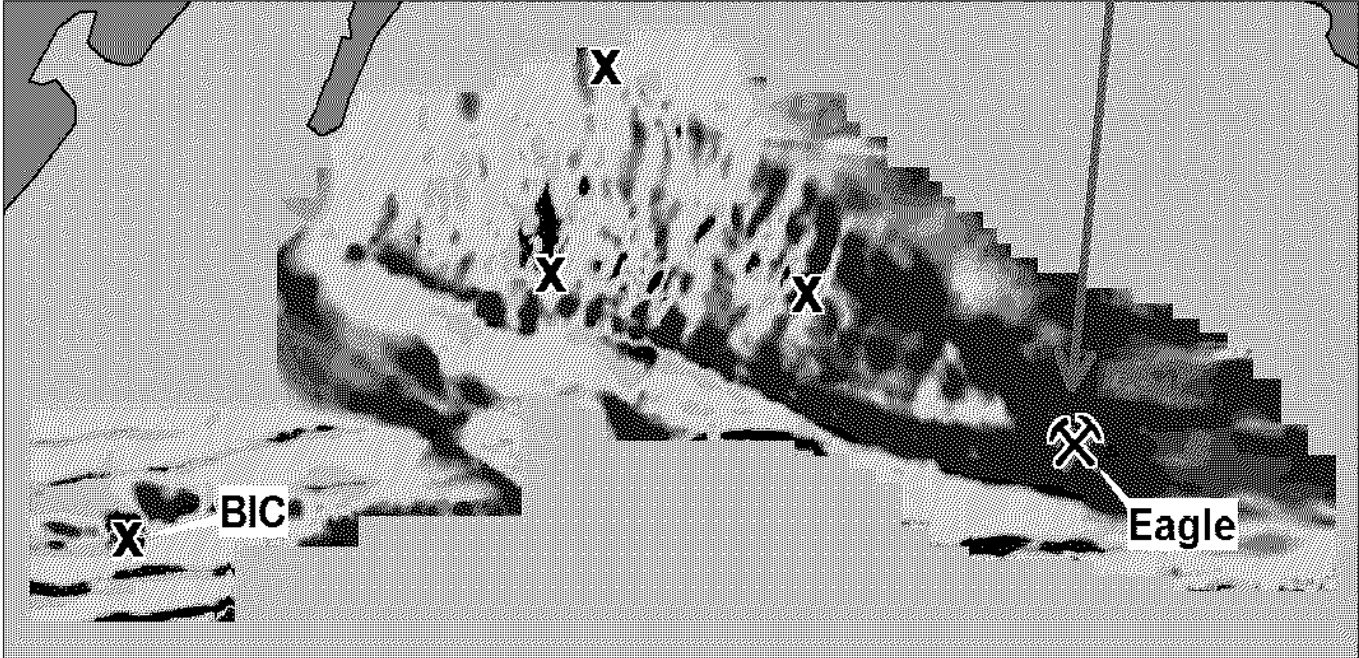
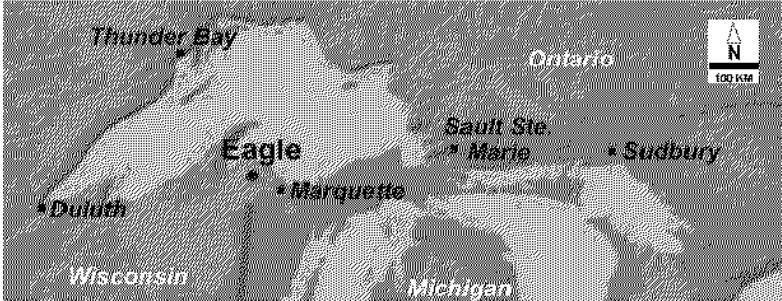


★ Discovery

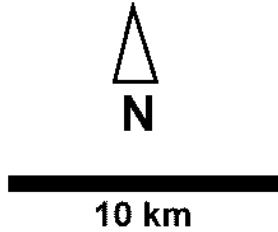
○ High Potential

● Advanced Project

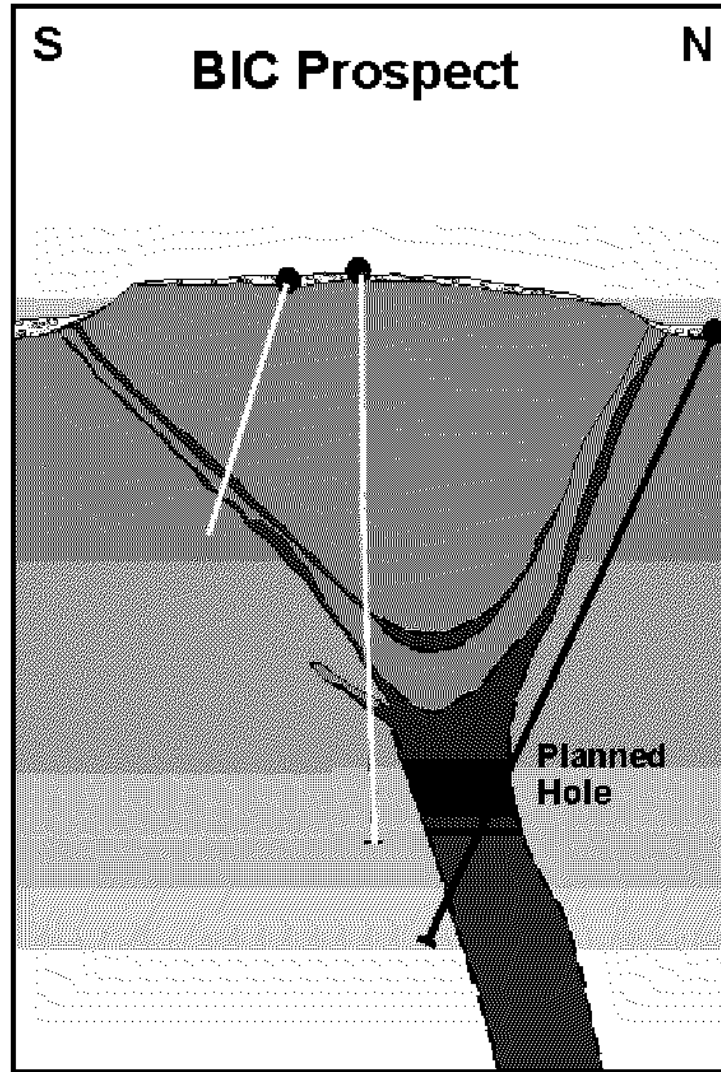
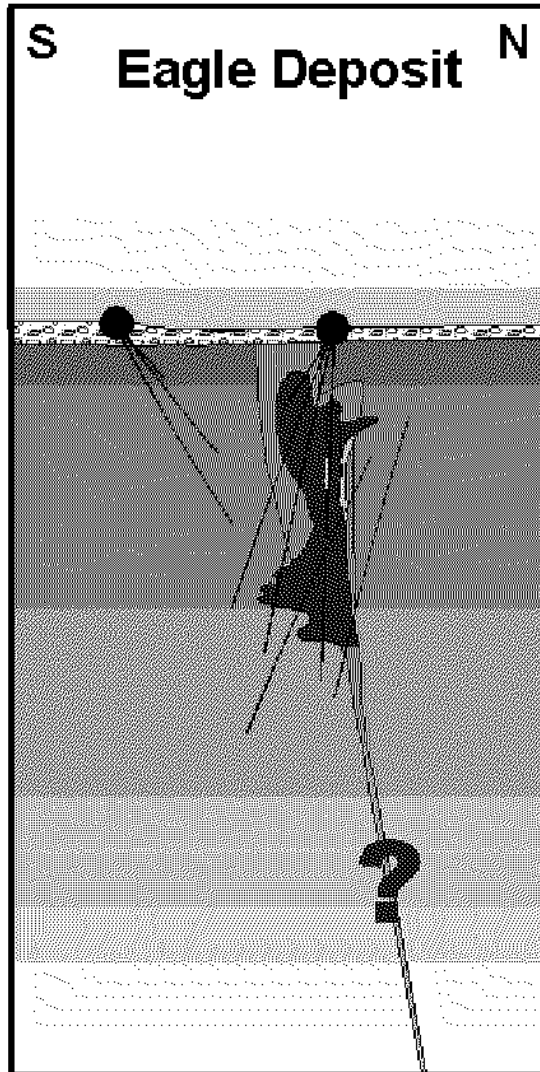
Eagle orbit targets







LEGEND
X Prospect to be drilled in 2005



Eagle and BIC



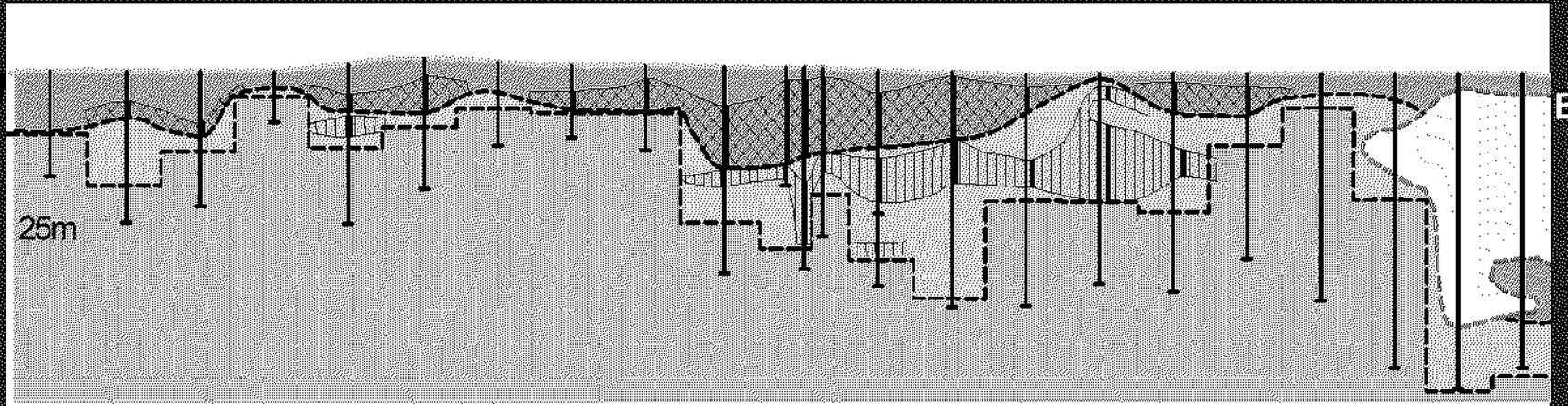
LEGEND

-  Overburden
-  Sediments
-  Mafic intrusive
-  Ni-Cu sulphide mineralisation

100m



La Sampala Nickel - Indonesia



Oxide grade zones
are >3m at >1.1% Ni

Sub-Surface
Vertical Exaggeration 1 : 5

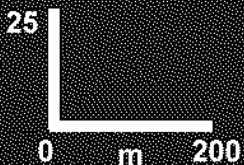
Silicate grade zones
are >3m at >1.7% Ni

Simplified Geology

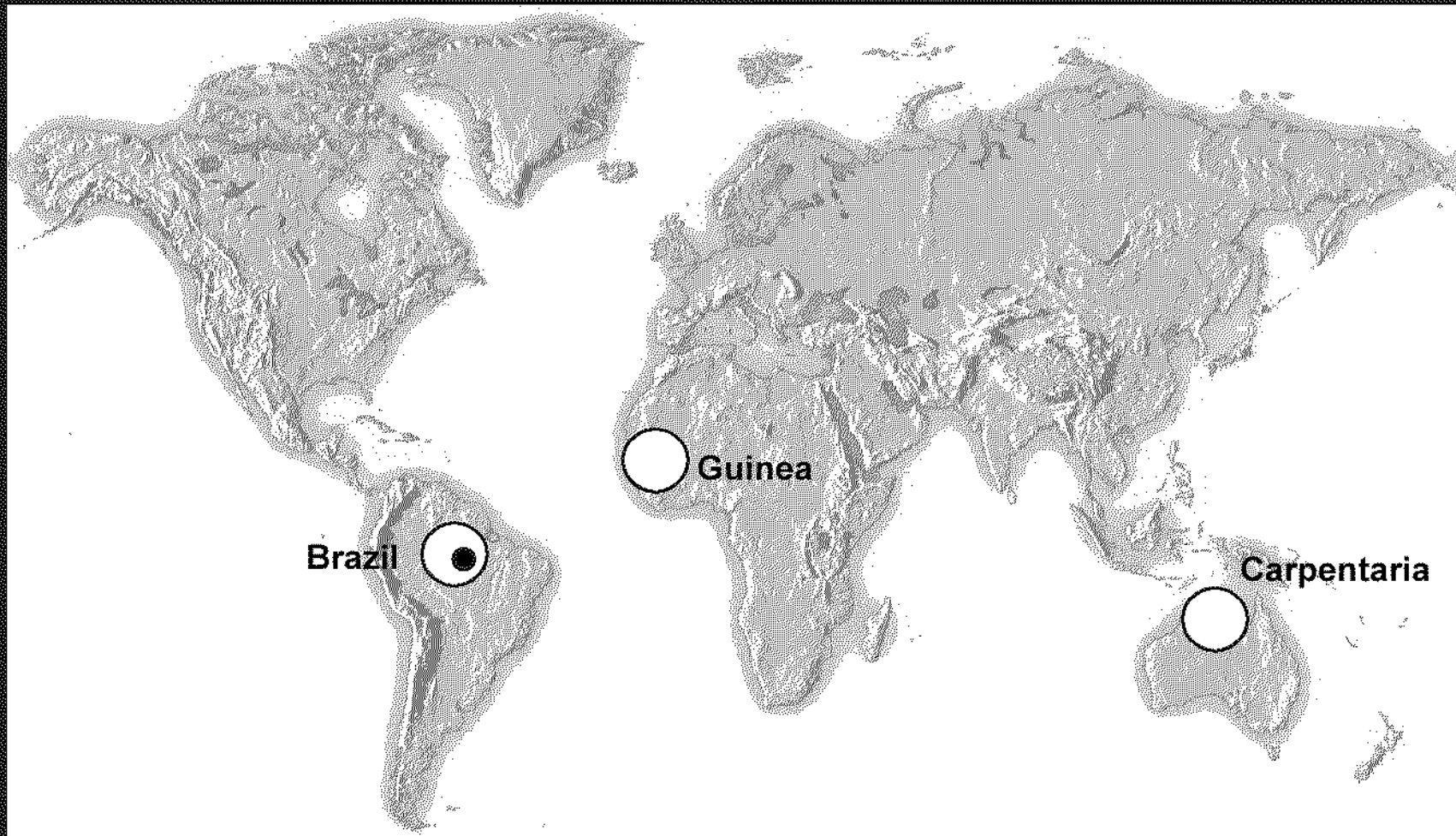
 Limonite (lithology)
 Saprolite (lithology)

 Bedrock
 Sediment

 Oxide mineralisation
 Silicate mineralisation



2005 Plan – Bauxite

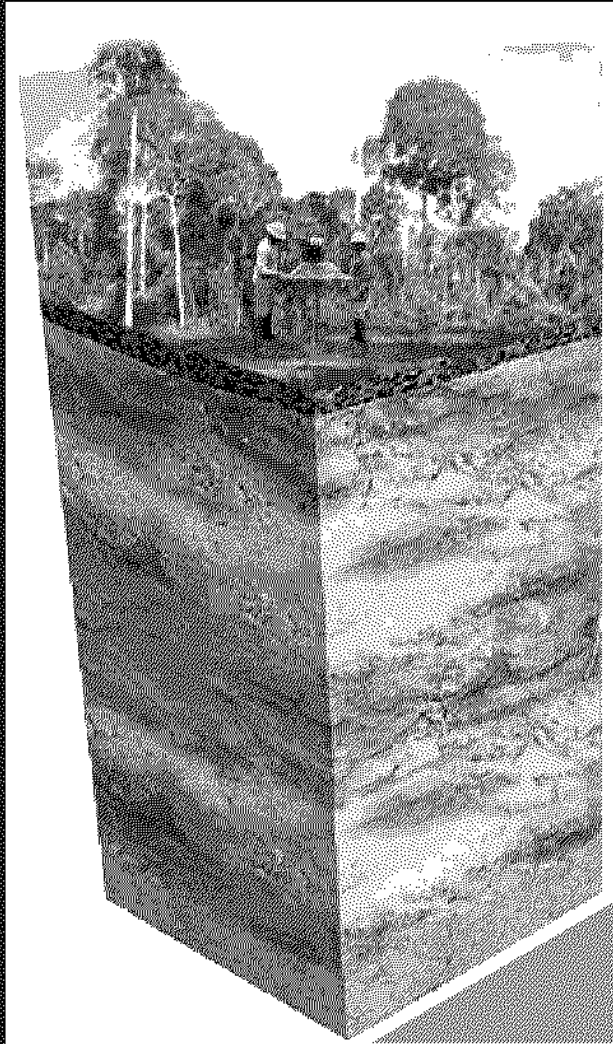


★ Discovery

○ High Potential

● Advanced Project

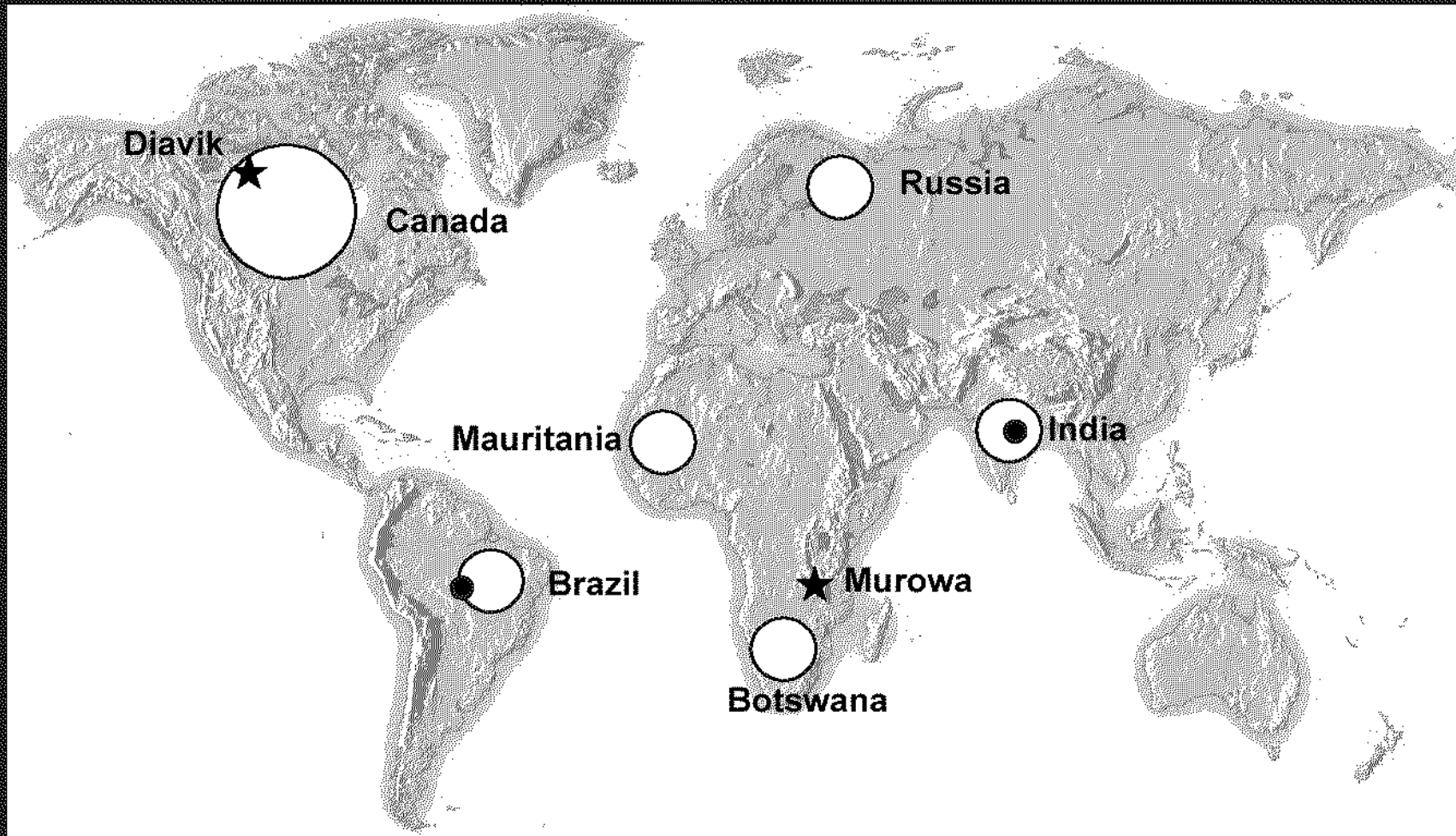
Preliminary bauxite results - Brazil



Typical Profile - Bauxite Mineralization

Thickness	
0.3m	Organic Soil
6 m	Clay cover
9 m	Bauxite cemented Fe laterite
5 m	Bauxite mineralization
	Kaolinitic clays

2005 Plan – Diamonds

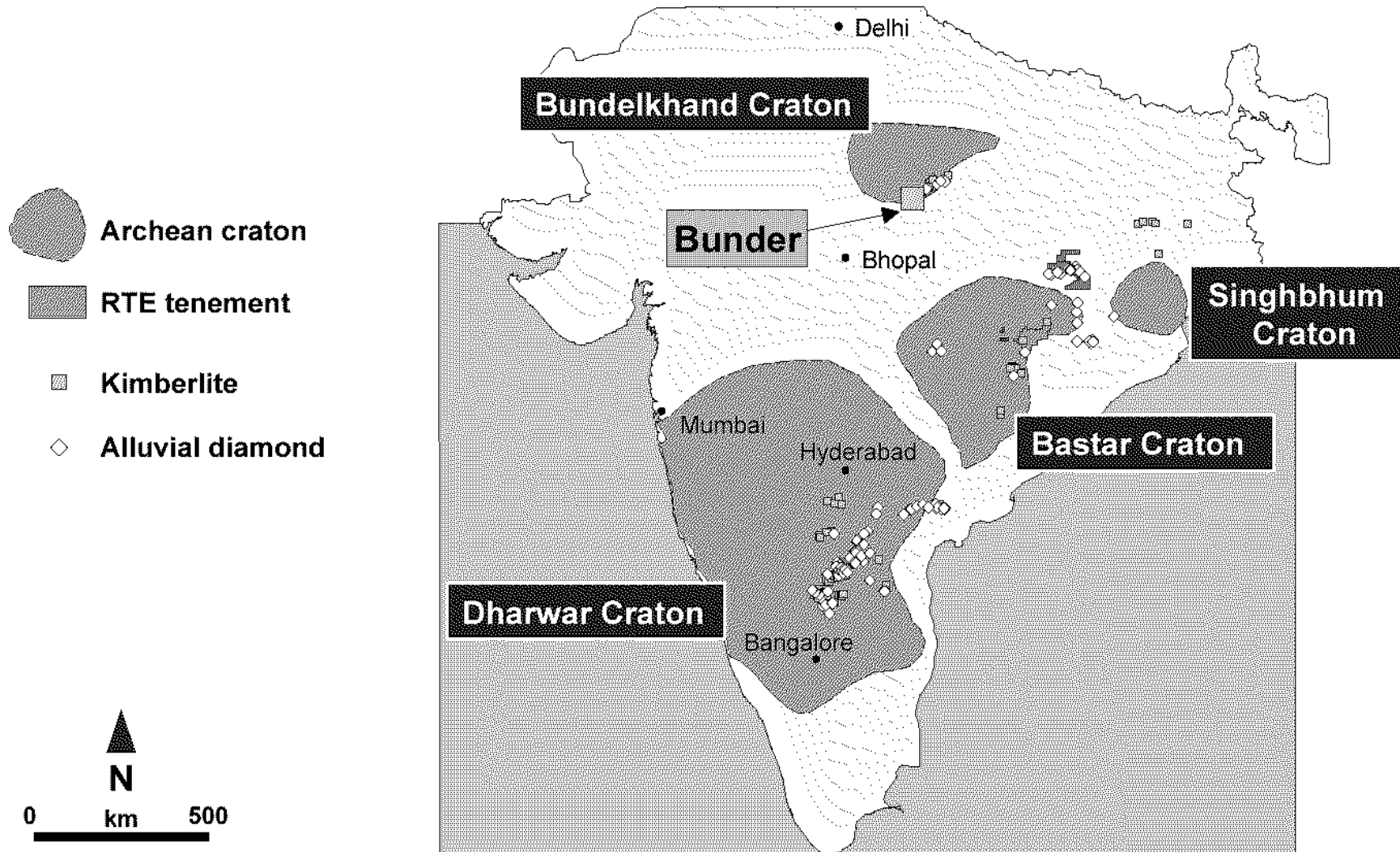


★ Discovery

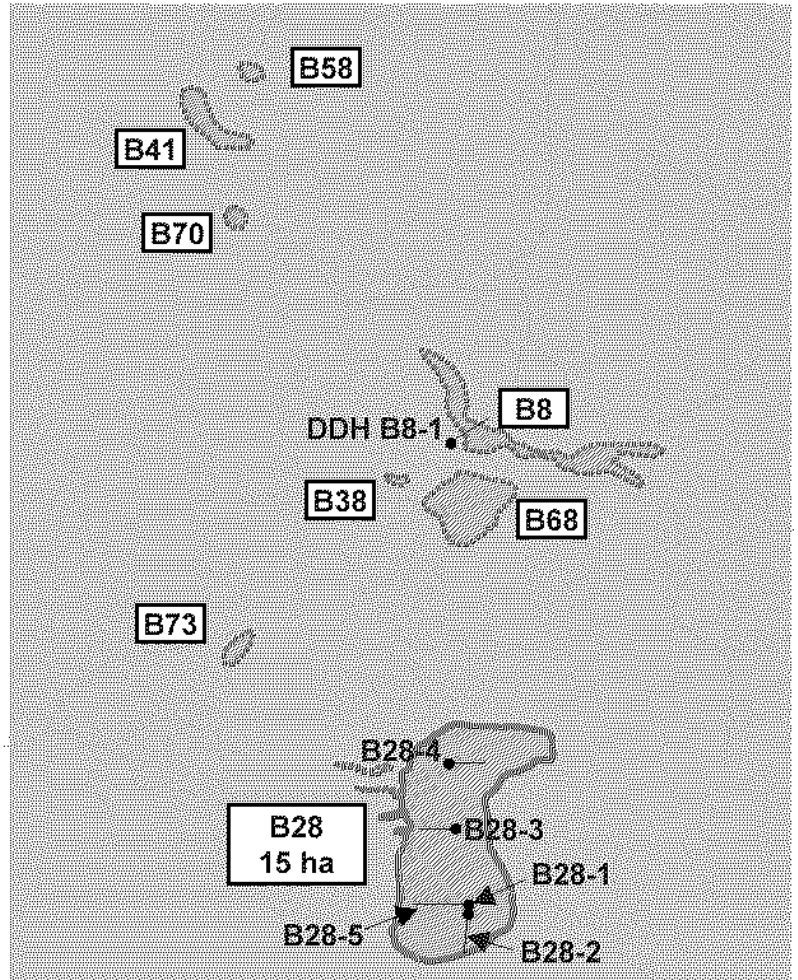
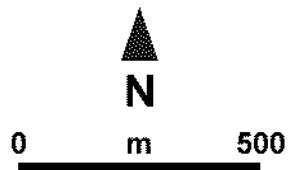
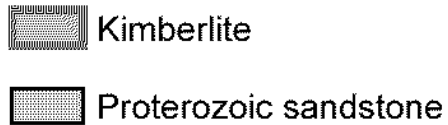
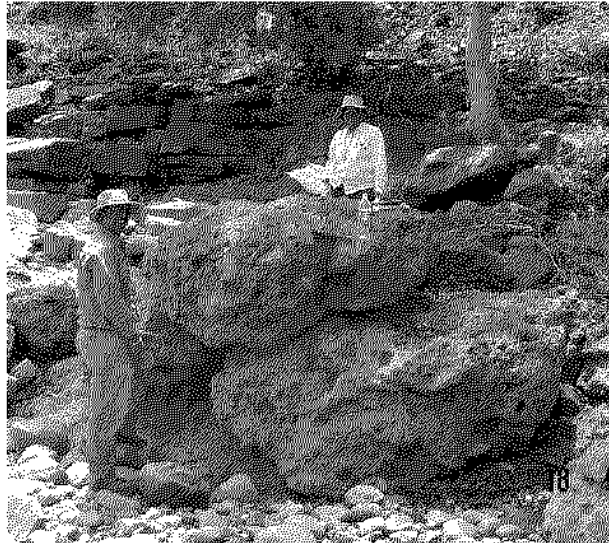
○ High Potential

● Advanced Project

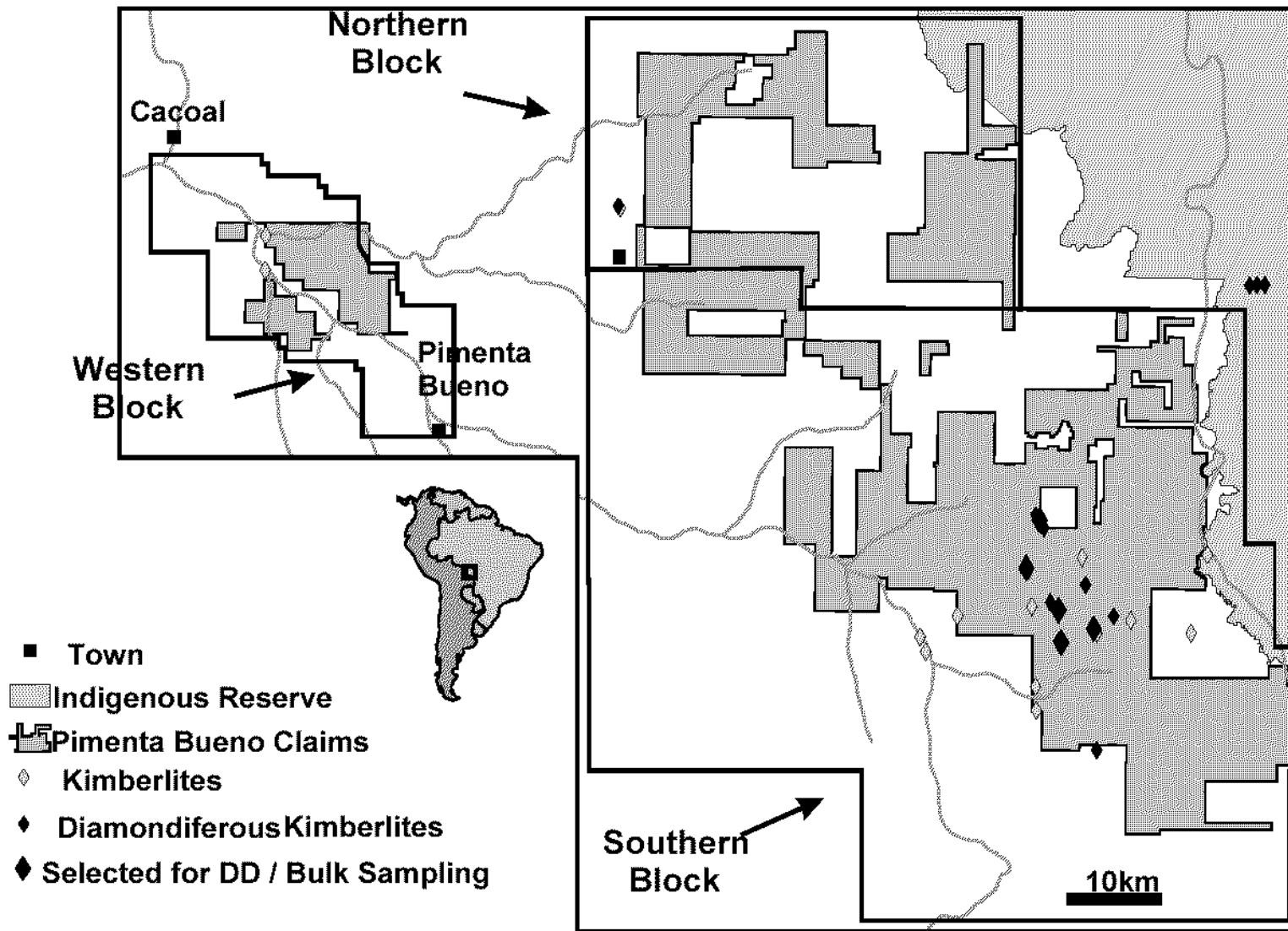
Indian Diamonds



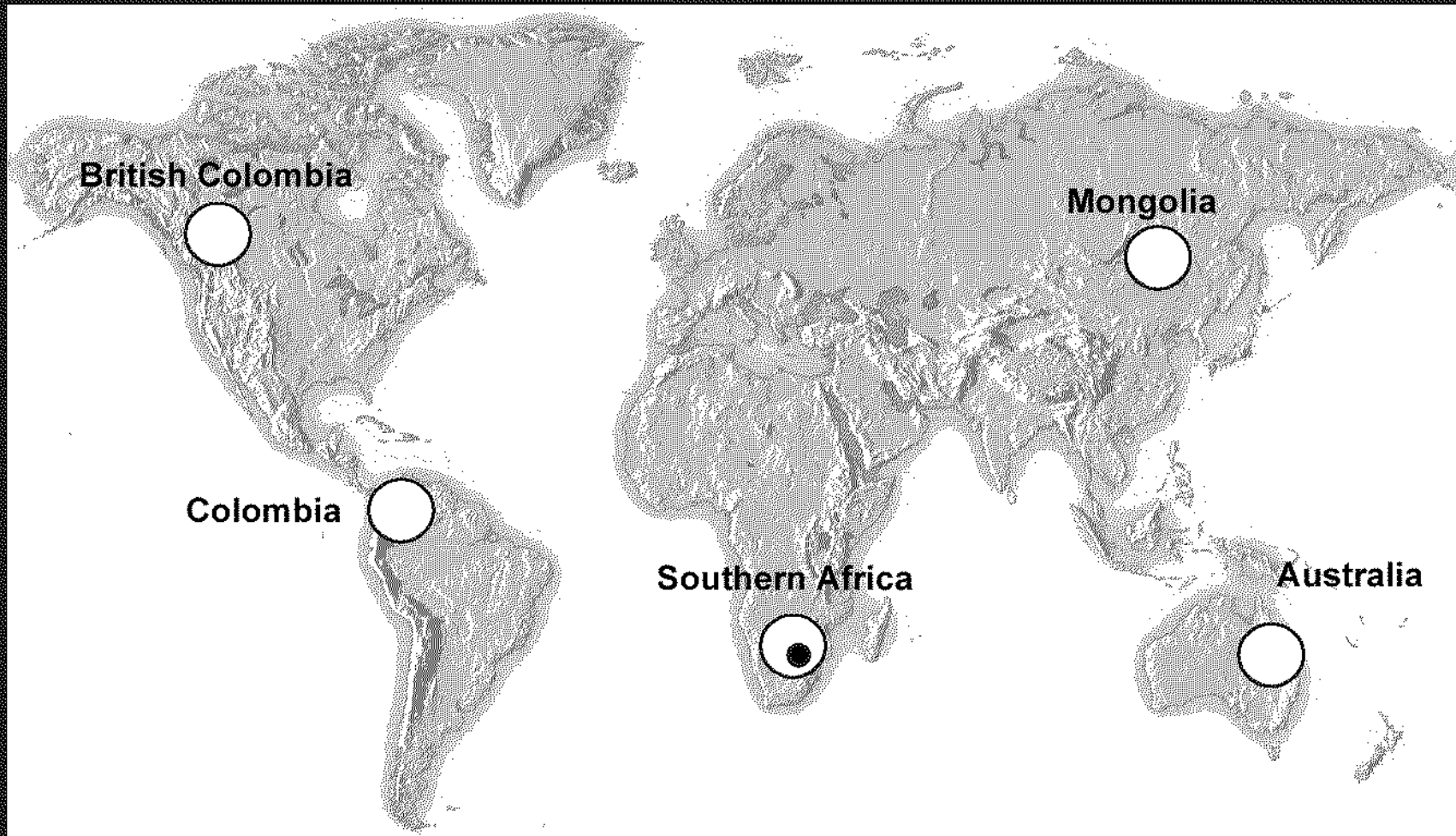
Bunder diamond project



Brazil Diamonds – Pimento Bueno



2005 Plan - Coal

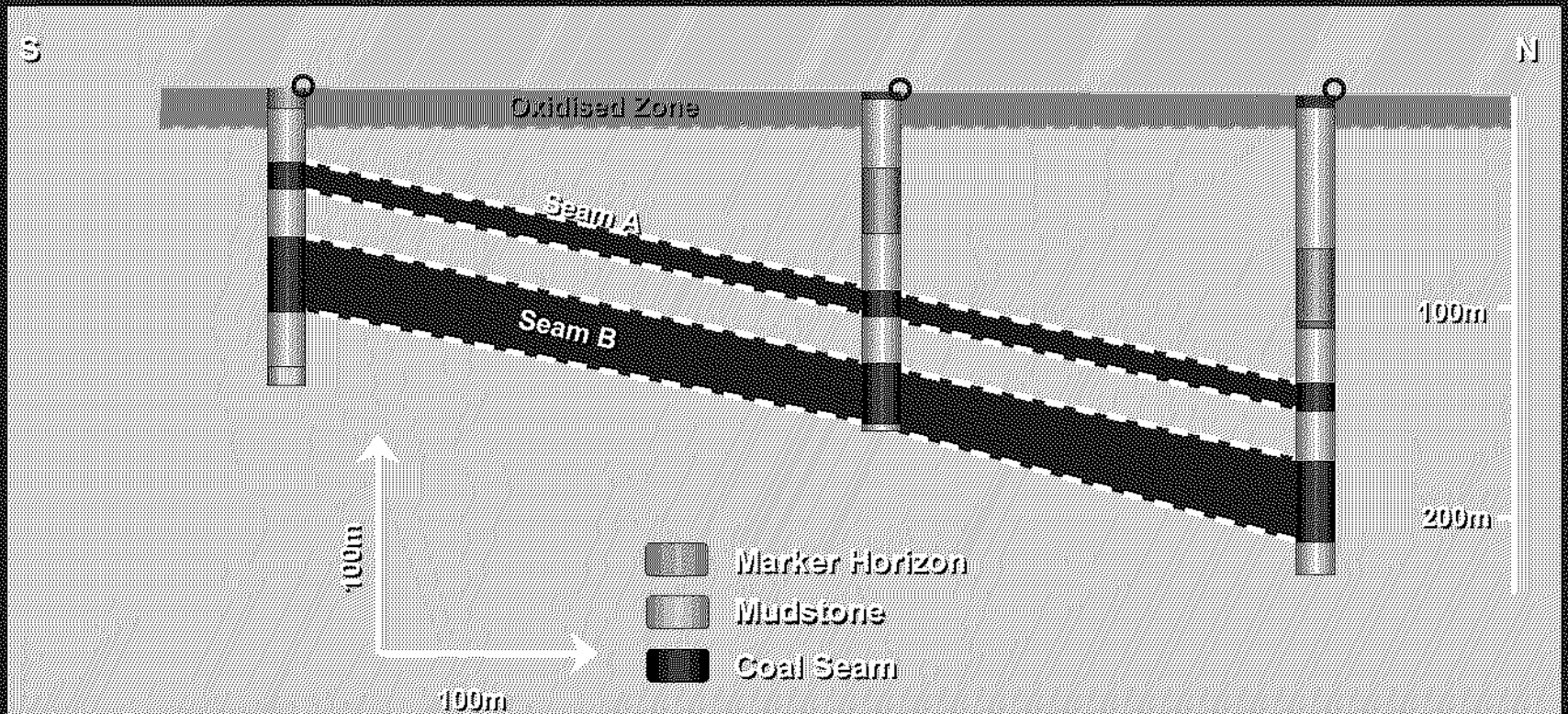


★ Discovery

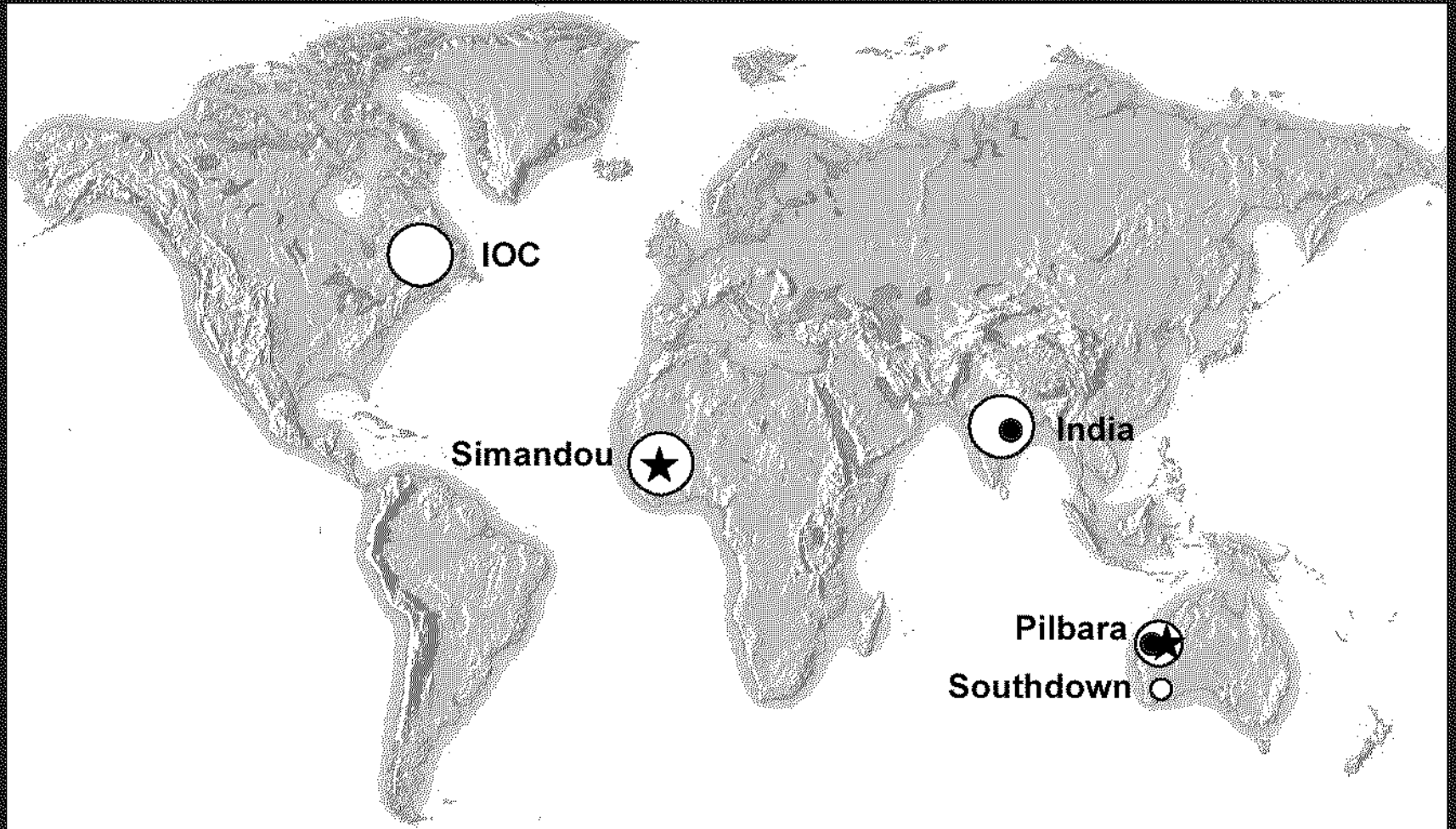
○ High Potential

● Advanced Project

South African Coal – Cross section



2005 Plan – Iron Ore

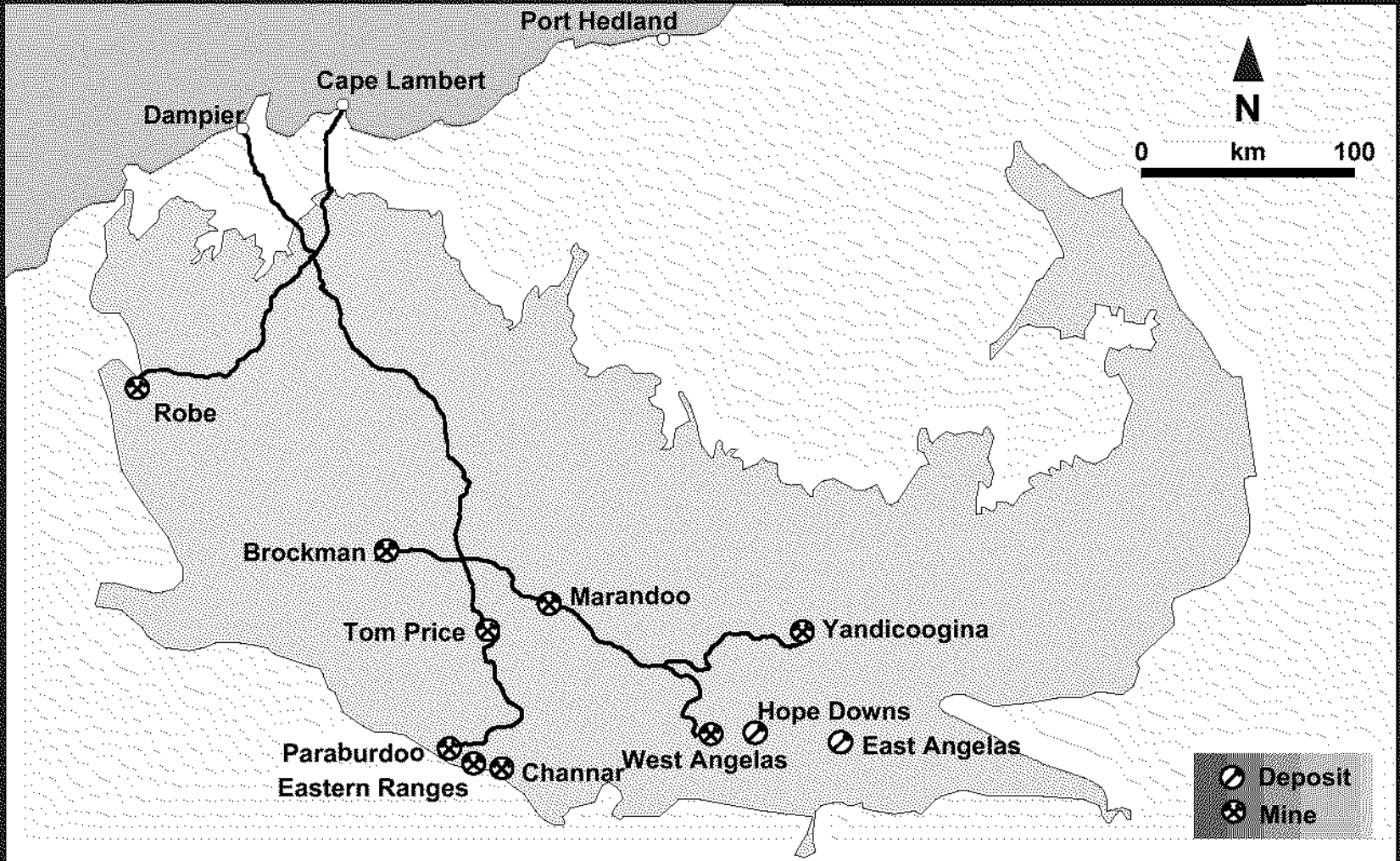


★ Discovery

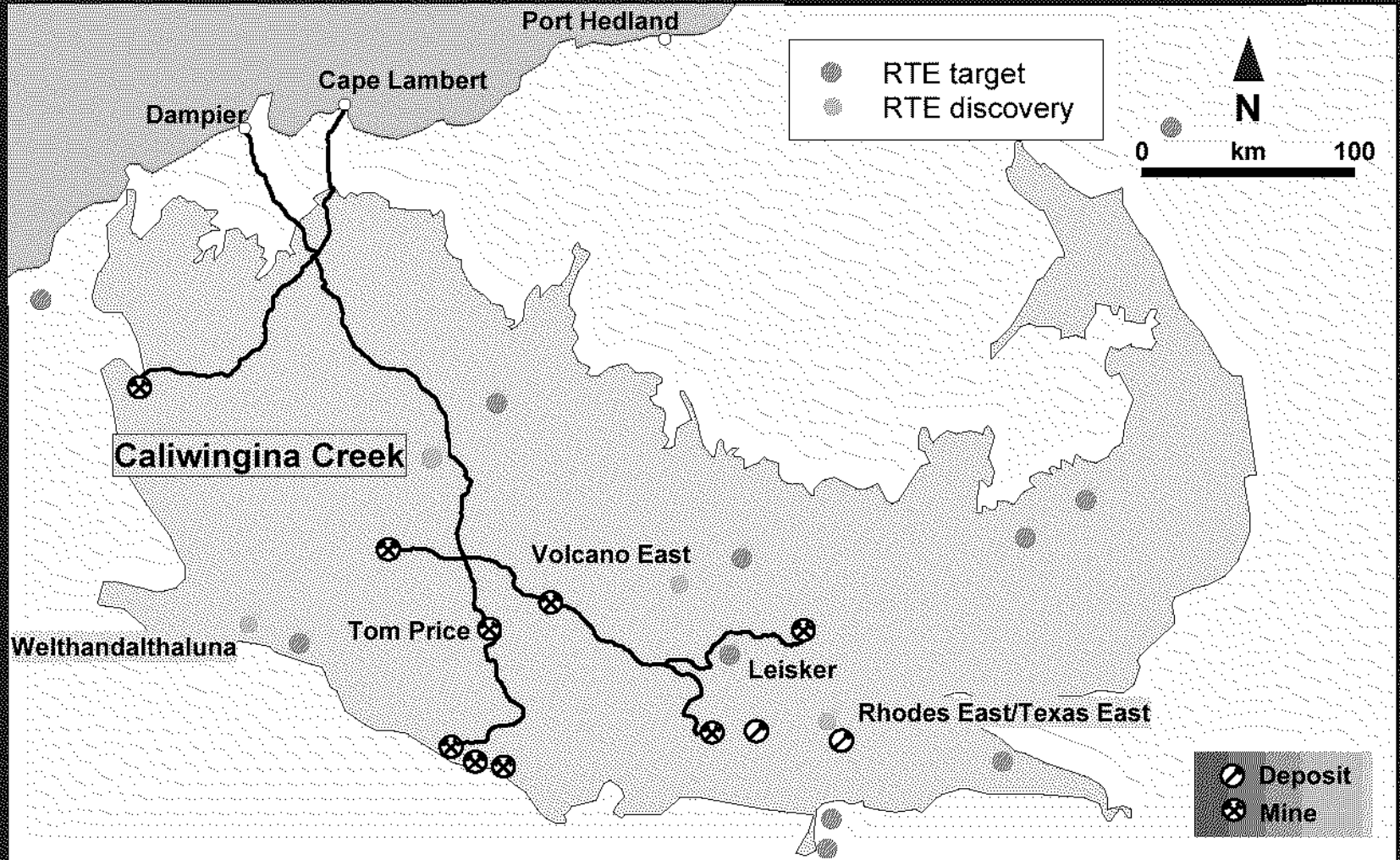
○ High Potential

● Advanced Project

Iron Ore - RTE Pilbara Discoveries and Current Targets

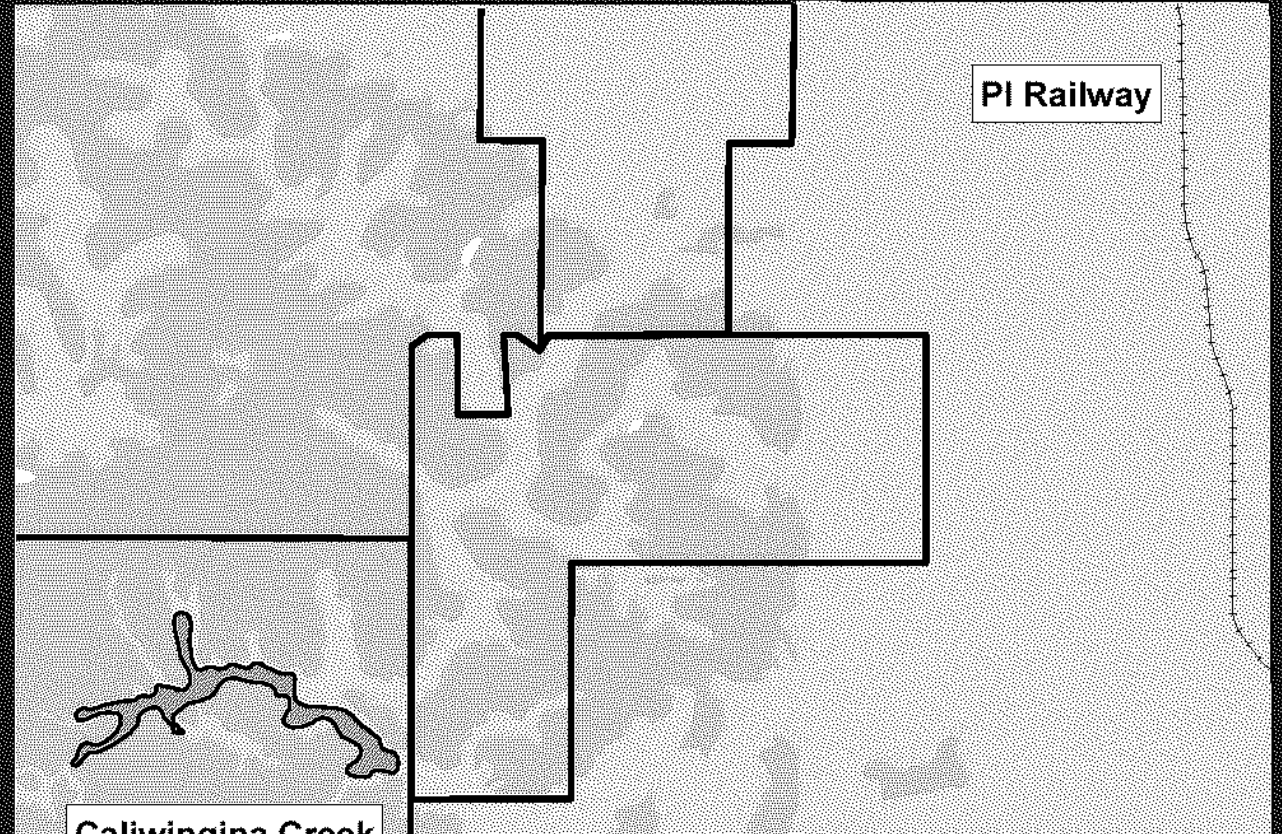


Iron Ore - RTE Pilbara Discoveries and Current Targets



Iron Ore – Caliwingina Creek Deposit

-  PI / RTE tenement
-  Cover
-  Brockman
-  Historic drill holes



PI Railway

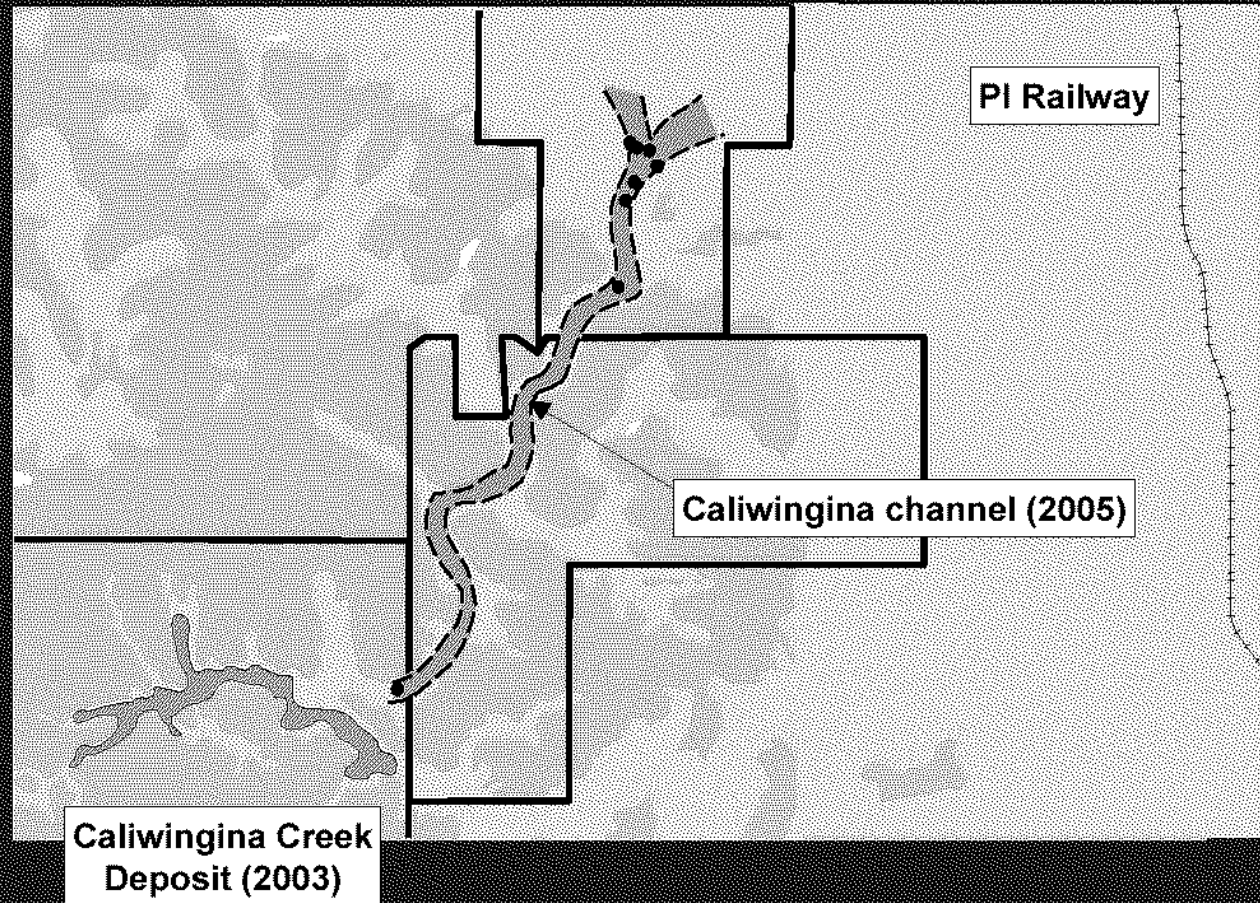
Caliwingina Creek
Deposit (2003)



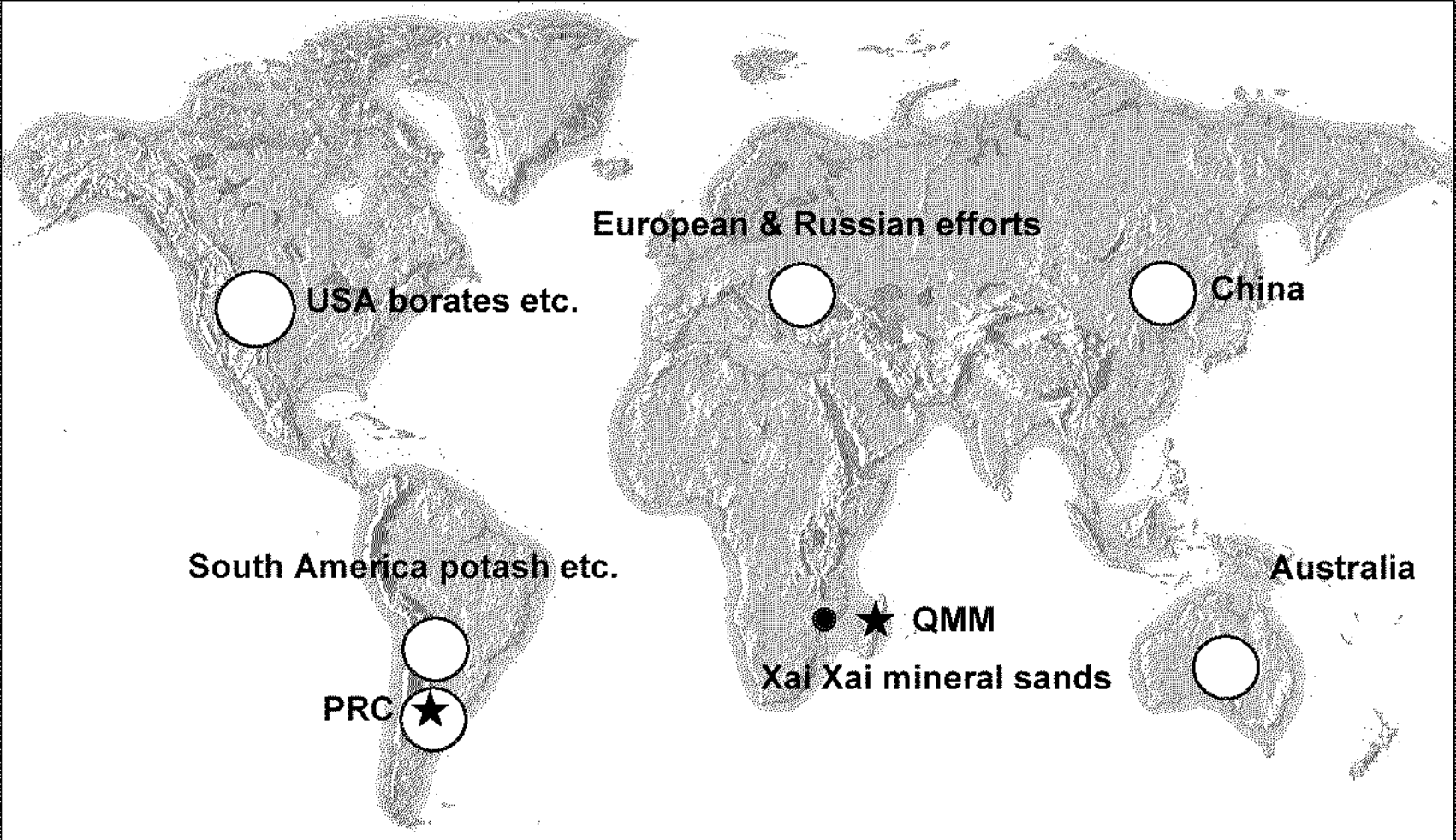
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Iron Ore – Caliwingina Creek Deposit

- PI / RTE tenement
- Cover
- Brockman
- Historic drill holes



Industrial Minerals Programmes



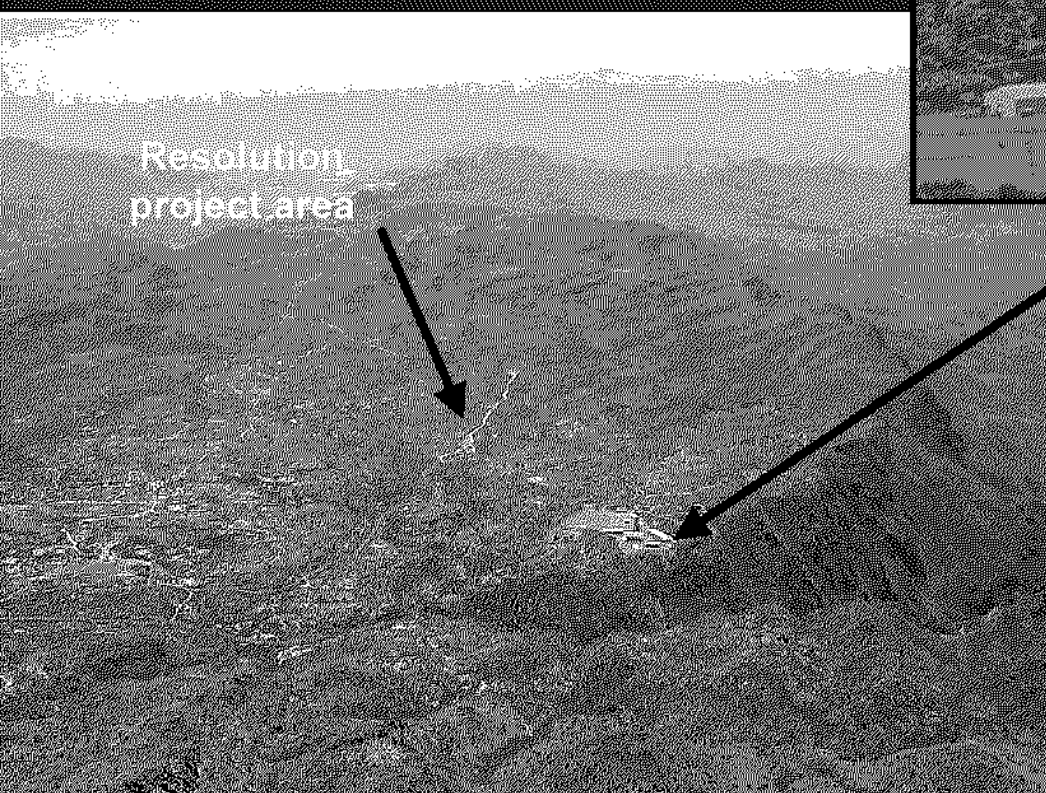
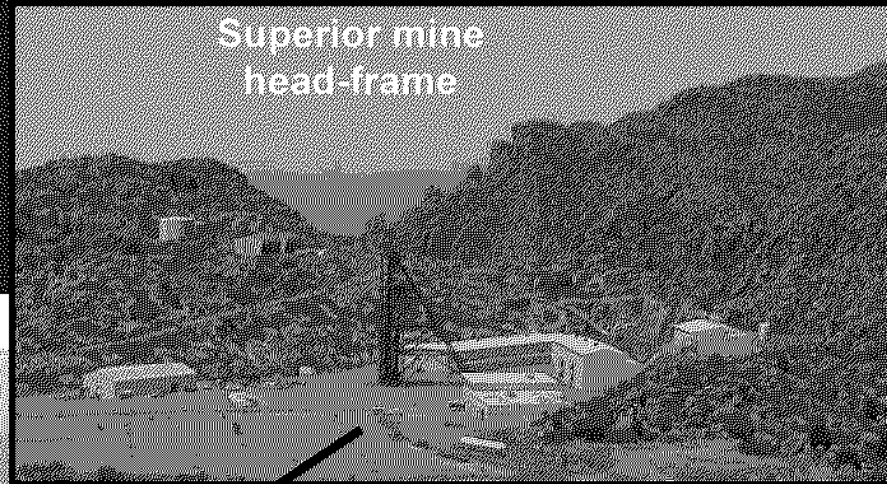
★ Discovery

○ High Potential

● Advanced Project

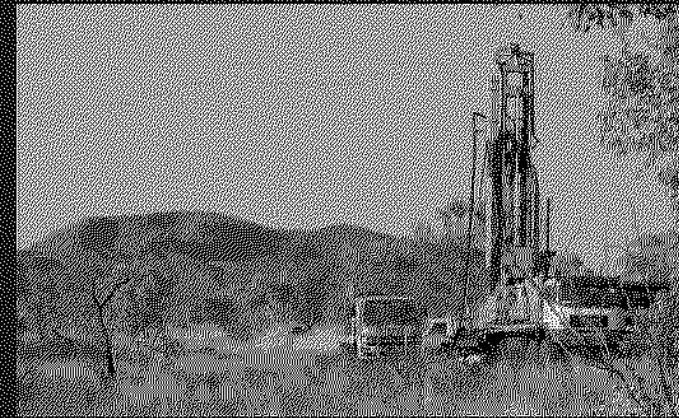
Brownfield Exploration

Benefits of 'head-frame' exploration



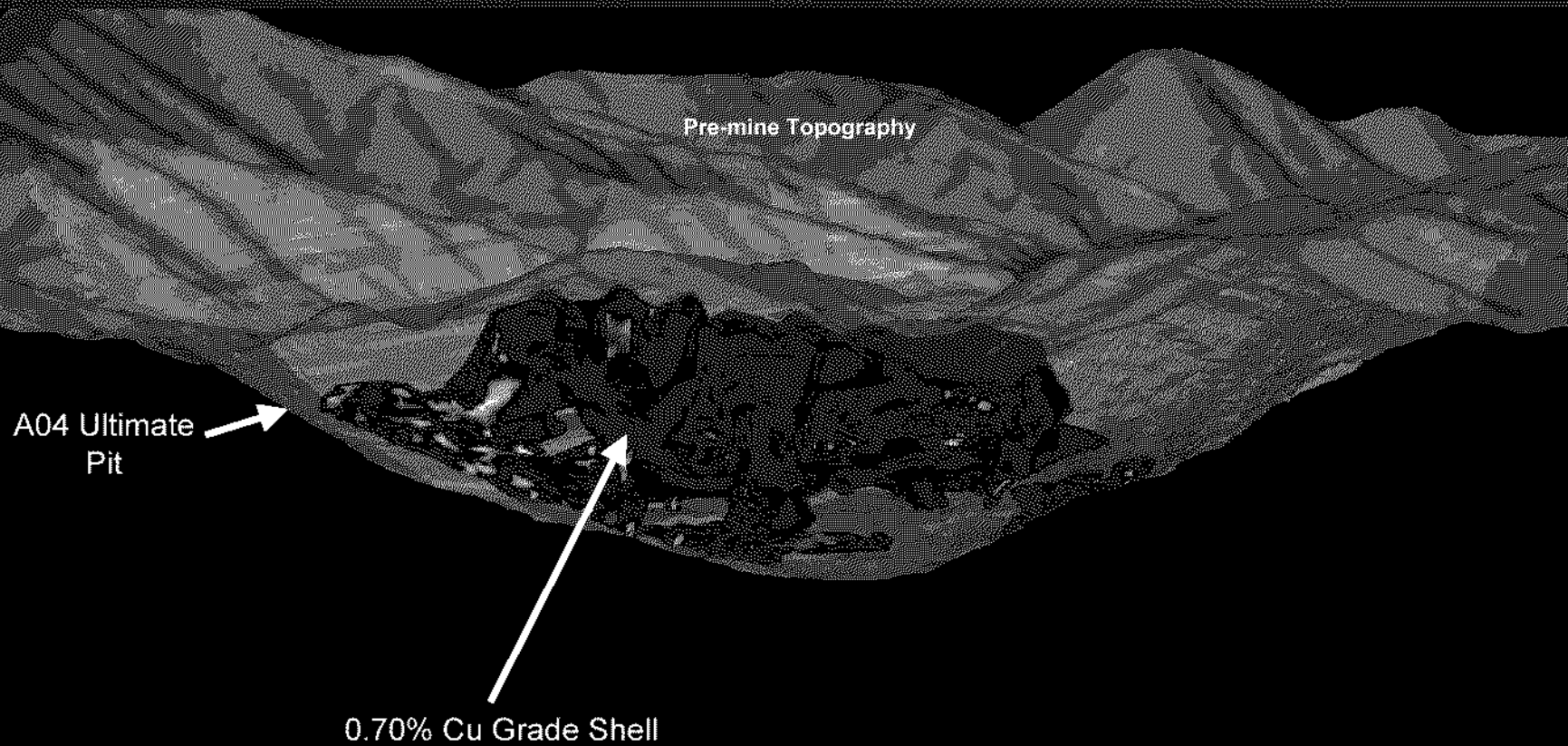
Brownfield Exploration:

Pilbara Iron



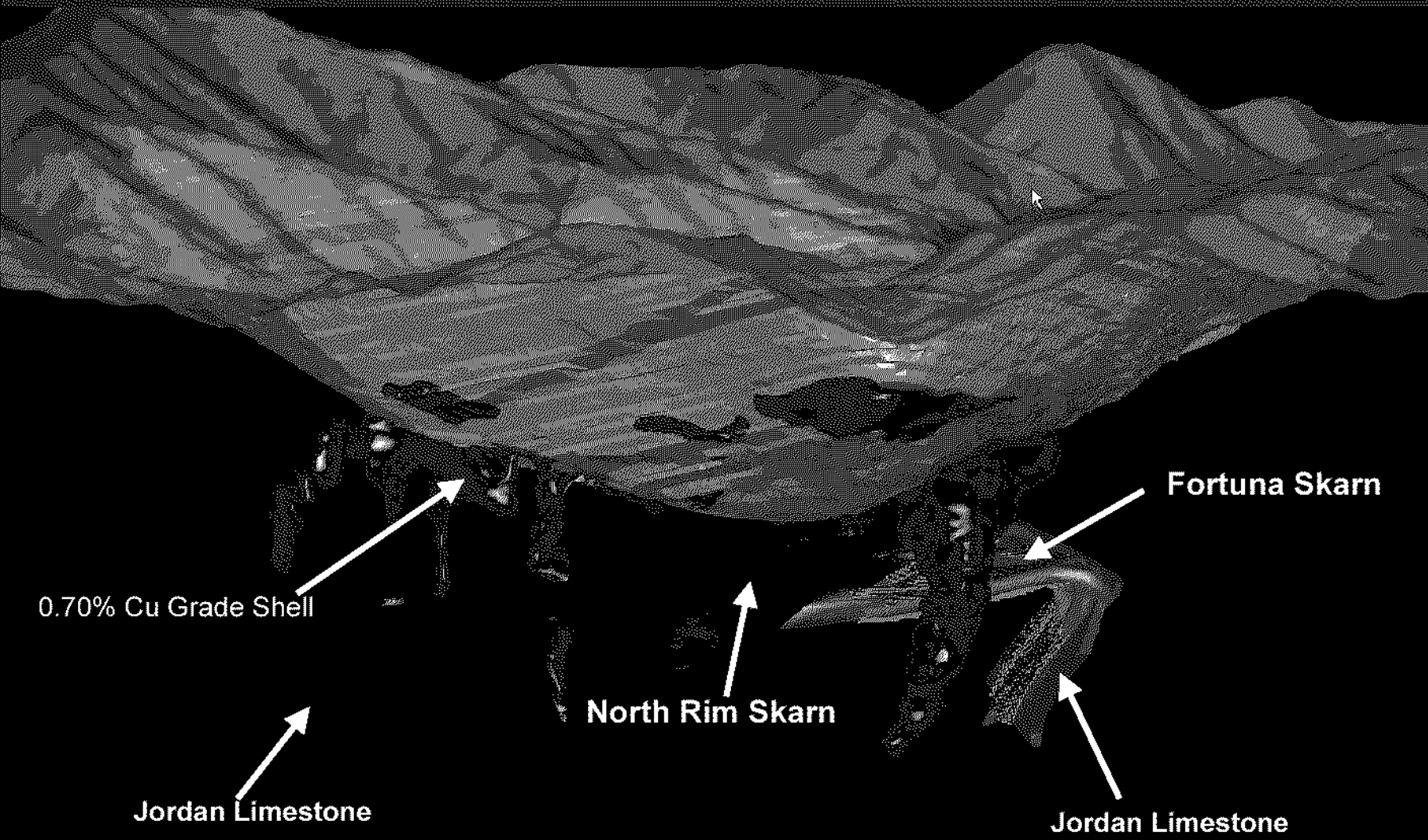
- **Hamersley and Robe have committed US\$190 million to drilling and evaluation over next five years**
- **Reviewing options brought on through Hope Downs joint venture**
- **Extending the reserve base in front of expansion projects**
- **Constitutes the largest resource drilling program underway in Australia**
- **Some 20 drill rigs operating in the region**

Brownfield Exploration: KUCC (I)

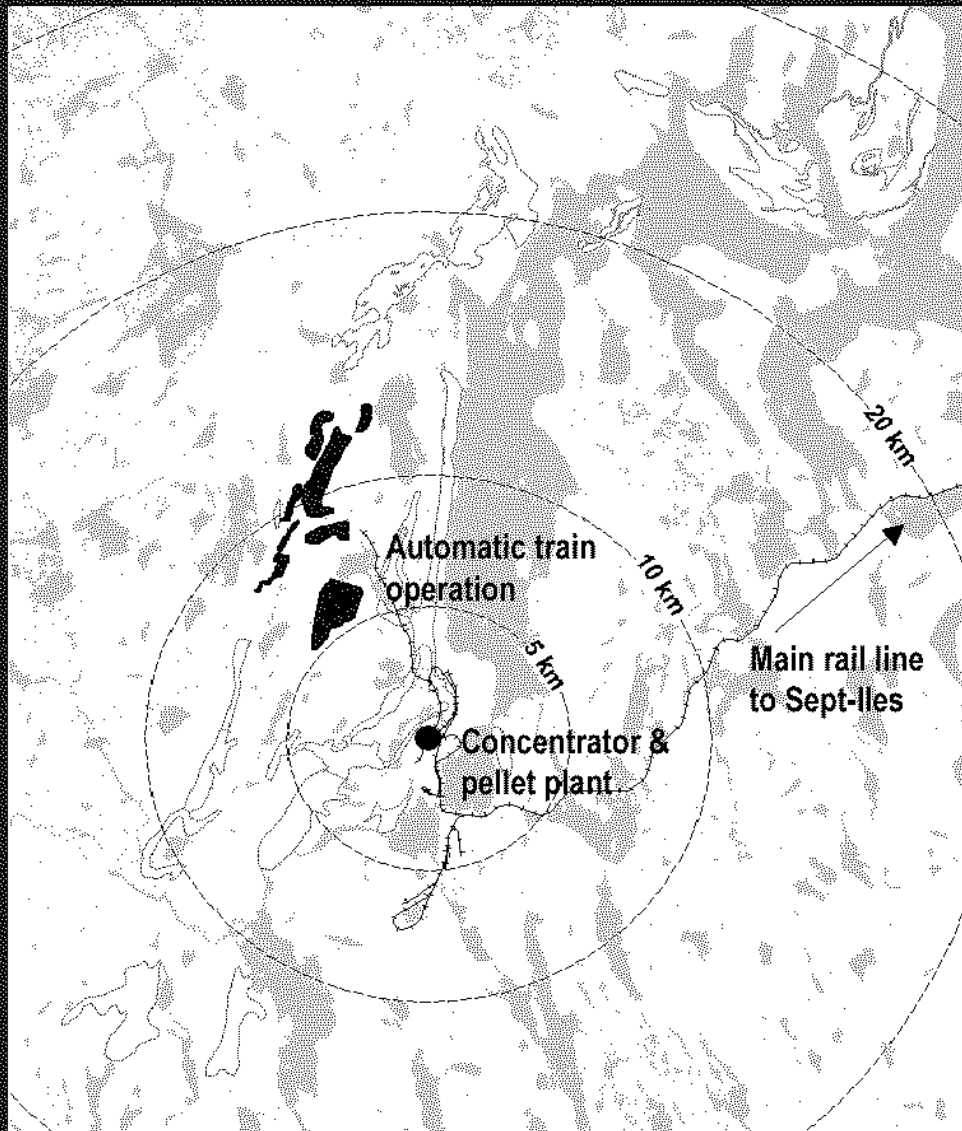


View looking North

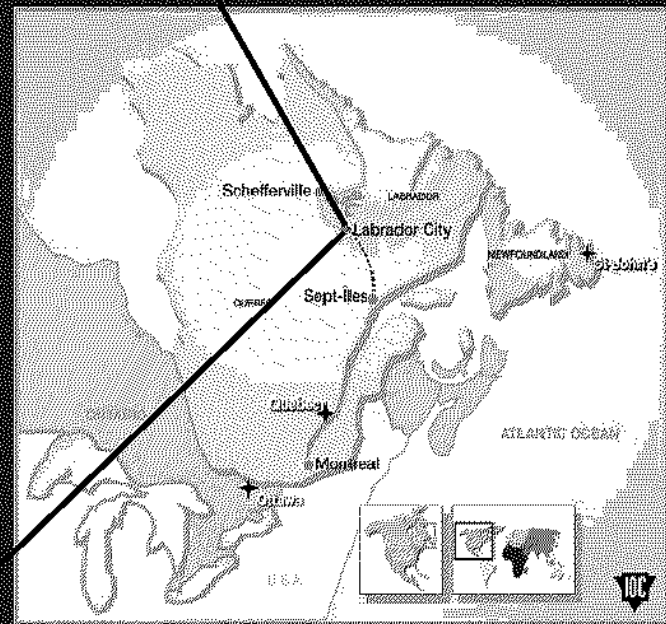
Brownfield Exploration: KUCC (II)



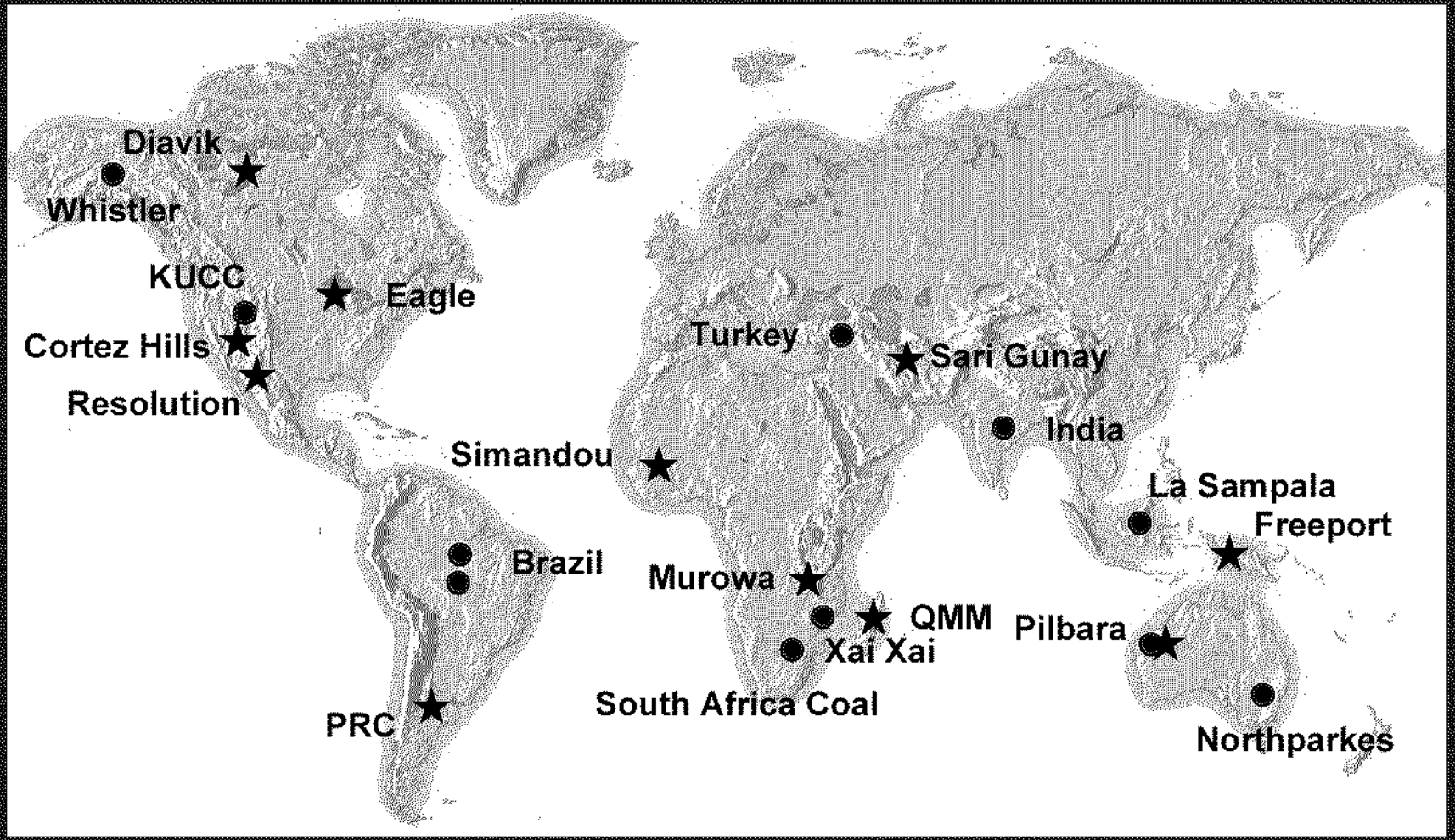
Iron Ore Company of Canada



-  **Reserves/resources**
-  **Exploration prospects**



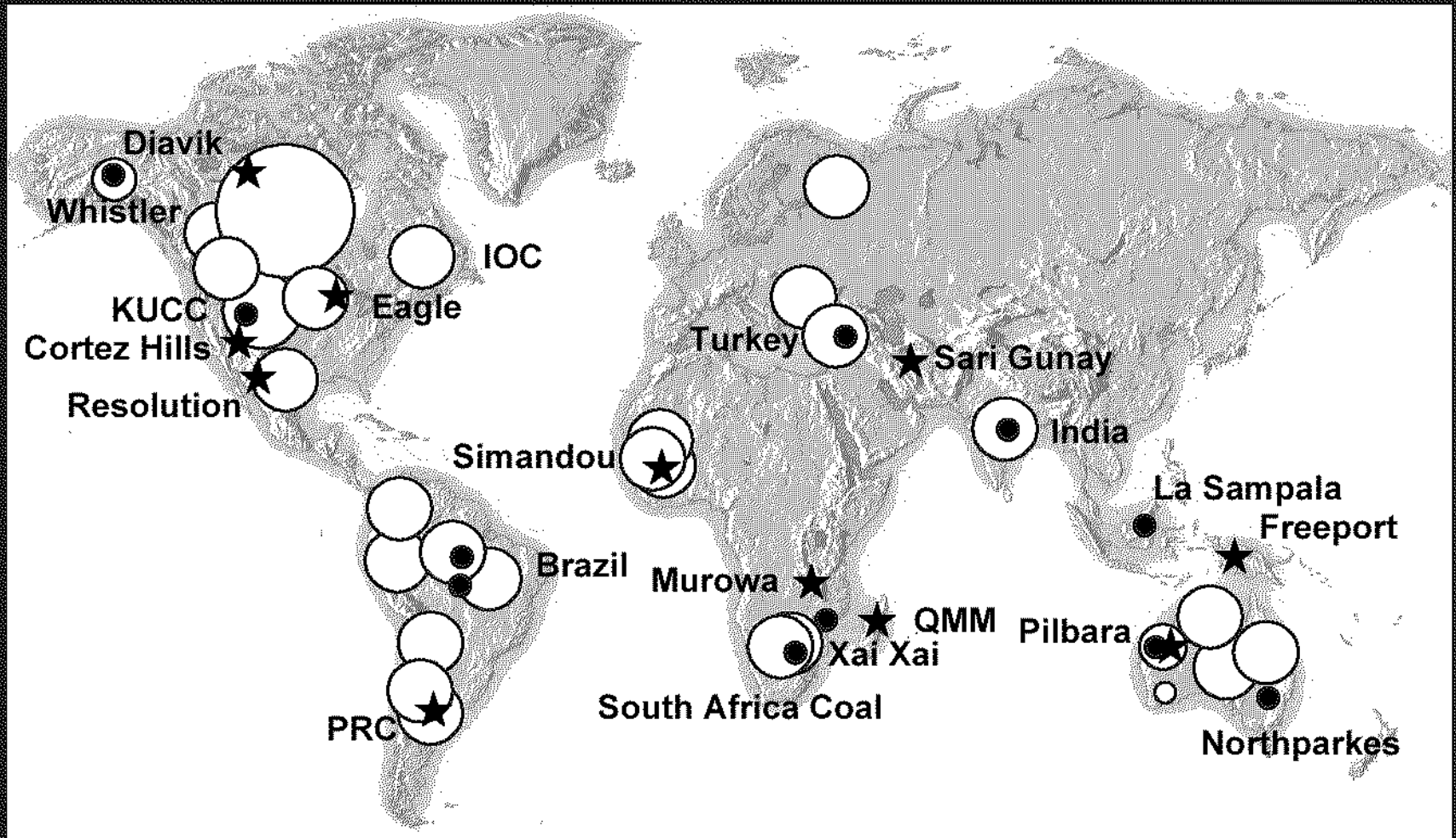
Rio Tinto Exploration – Advanced Projects



★ Discovery

● Advanced Project

Rio Tinto Exploration – All Projects



★ Discovery

● Advanced Project

○ High Potential

Rio Tinto Exploration – Exploration Seminar

Summary

- **Project pipeline never looked better**
- **Five discoveries in feasibility**
- **Several advanced projects of significance**
- **Excellent brownfield efforts**
- **Distinguishing ourselves through exploration**

“Key value driver to the business”