



1 September 2008

Manager Announcements
Company Announcements Office
ASX Limited
20 Bridge Street
Sydney NSW 2000

Dear Sir,

PRESENTATION

Attached is a copy of a presentation to the Mining New South Wales Conference being held in Orange, NSW today.

A copy of this presentation will also be available on the Company's website www.alkane.com.au.

Yours faithfully,
for **ALKANE RESOURCES LTD**

A handwritten signature in black ink, appearing to read 'D I Chalmers', is positioned below the typed name.

D I Chalmers
Managing Director



ALKANE RESOURCES LTD

ABN 35 000 689 216

Mining NSW Conference Orange 1 September 2008

www.alkane.com.au



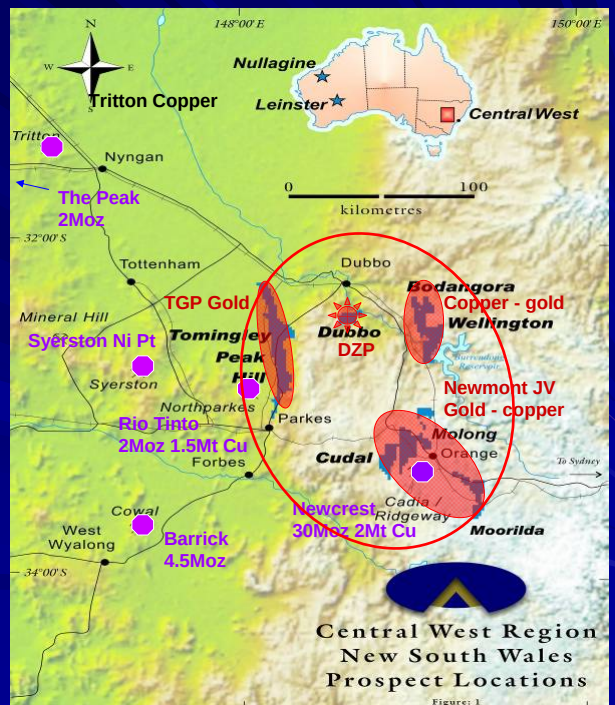
Australia – project locations



Central West NSW

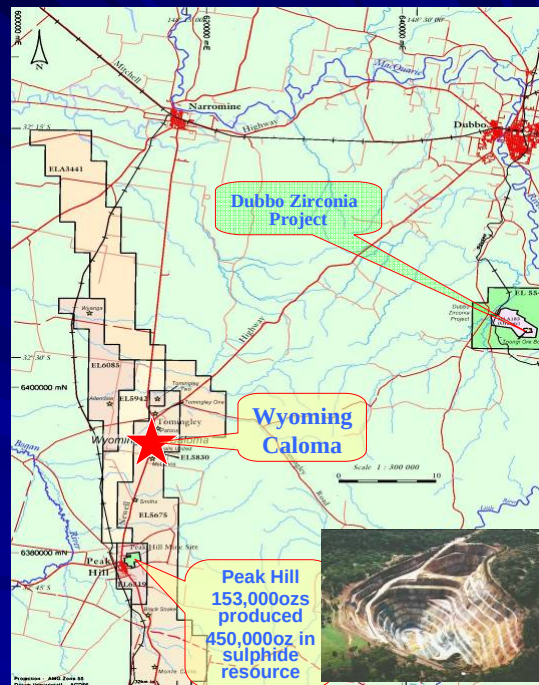
Alkane Projects and major deposits

All Alkane projects
within the 120km
diameter circle



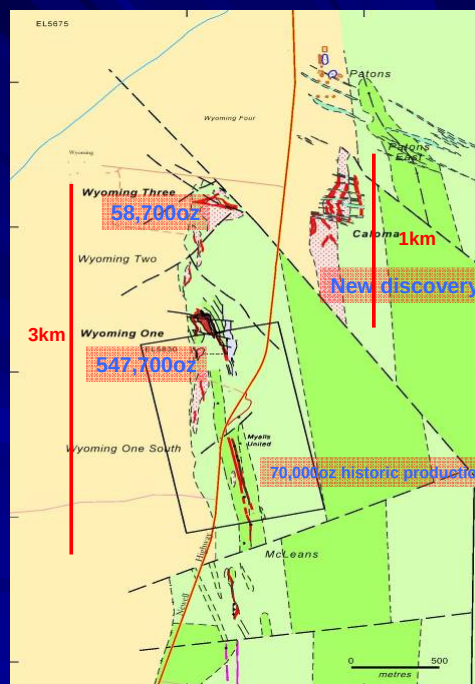
Tomingley Gold Project and Dubbo Zirconia Project

Location



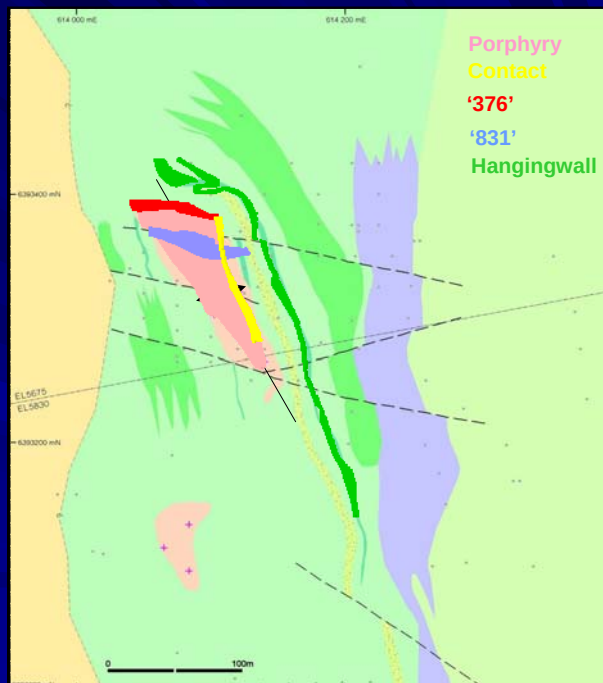
Tomingley Gold Project Geological Summary

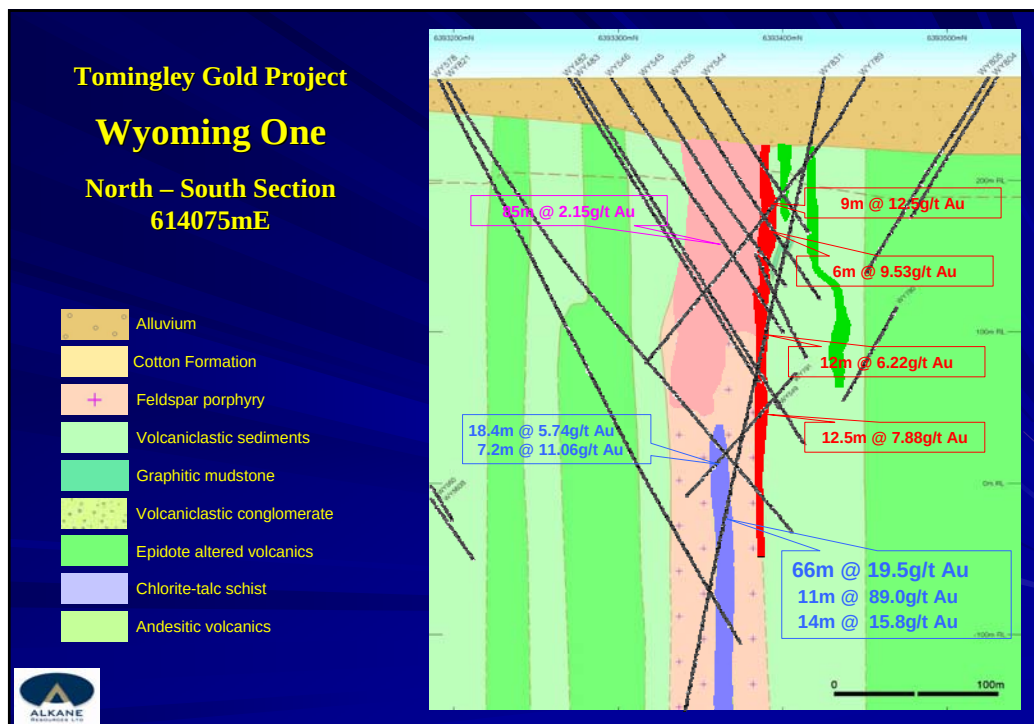
-  Pelitic Sediments
-  Feldspar porphyry
-  Volcaniclastic sediments
-  Graphitic mudstone
-  Volcaniclastic conglomerate
-  Epidote altered volcanics
-  Chlorite-talc schist
-  Andesitic volcanics
-  Mineralisation



Tomingley Gold Project Wyoming One Geological Interpretation

-  Pelitic Sediments
-  Feldspar porphyry
-  Volcaniclastic sediments
-  Graphitic mudstone
-  Volcaniclastic conglomerate
-  Epidote altered volcanics
-  Chlorite-talc schist
-  Andesitic volcanics





TOMINGLEY GOLD PROJECT

Resource Summary Wyoming One and Three Dec 2007
0.75g/t gold cut off.

Measured	4.835 mt @ 2.24g/t gold	348,350 oz	58%
Indicated	1.025 mt @ 2.76g/t gold	91,000 oz	15%
Inferred	1.270 mt @ 4.09g/t gold	167,000 oz	27%
TOTAL	7.130 mt @ 2.70g/t gold	606,350 oz	100%

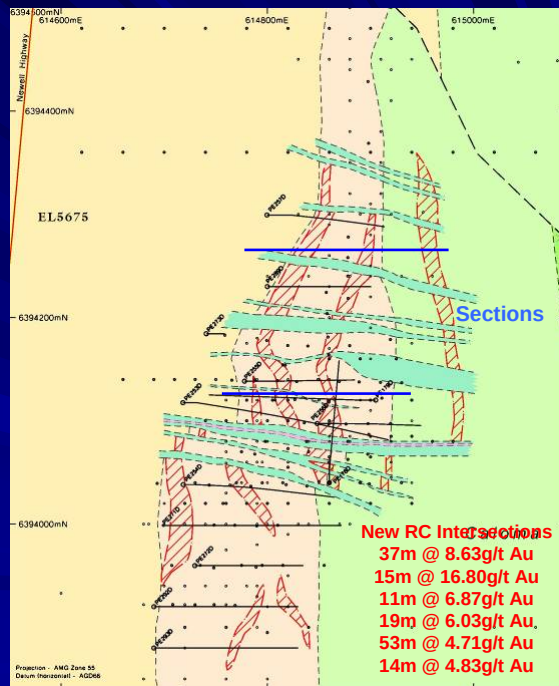
Excludes the Caloma Deposit at 15/08/08

Tomingley Gold Project

Caloma

Preliminary Geological Interpretation

- Pelitic Sediments
- Feldspar porphyry
- Volcaniclastic sediments
- Graphitic mudstone
- Volcaniclastic conglomerate
- Epidote altered volcanics
- Chlorite-talc schist
- Andesitic volcanics
- Mineralisation



Tomingley Gold Project

Caloma

East – West Section 6394140

- Alluvium
- Cotton Formation
- Feldspar porphyry
- Volcaniclastic sediments
- Graphitic mudstone
- Volcaniclastic conglomerate
- Epidote altered volcanics
- Chlorite-talc schist
- Andesitic volcanics

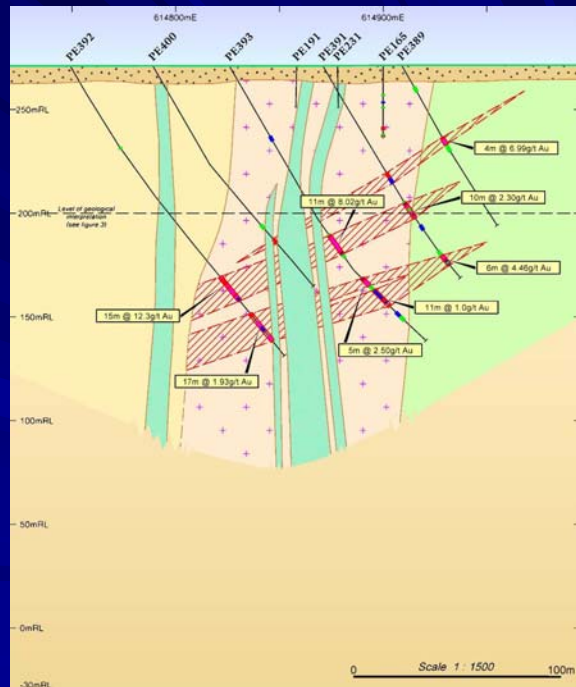


Tomingley Gold Project

Caloma

East – West Section 6394260

-  Alluvium
-  Cotton Formation
-  Feldspar porphyry
-  Volcaniclastic sediments
-  Graphitic mudstone
-  Volcaniclastic conglomerate
-  Epidote altered volcanics
-  Chlorite-talc schist
-  Andesitic volcanics



TOMINGLEY GOLD PROJECT

Mineralised zone PE 253D (vg with coarse Py Asp) with andesitic volcanics and porphyry

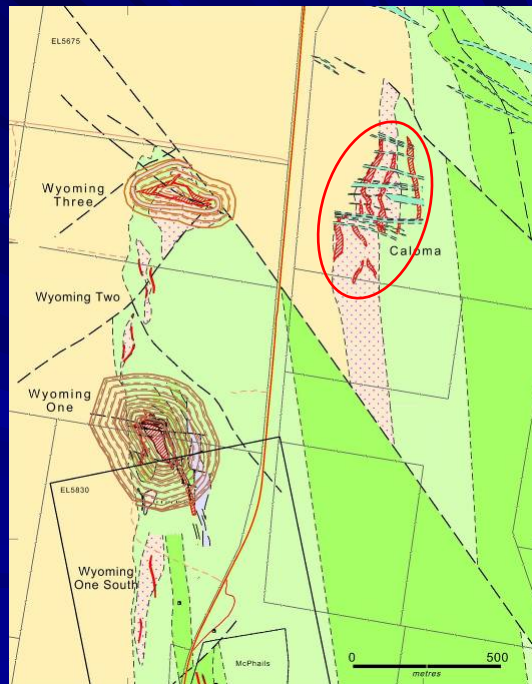


Tomingley Gold Project

Proposed Pit Locations

Addition gold potential
Caloma 200,000oz
→ 400,000oz

Total Project potential
to approach 1Moz



TOMINGLEY GOLD PROJECT

Development Summary

Definitive Feasibility Study program incl resource drill out Caloma, optimise open pits, optimise head grades and recoveries.

Metallurgical work underway and +90% recoveries anticipated

DFS scheduled for early 2009.

Detailed design and engineering for CIL treatment plant.

Complete Environmental Assessment and lodge Development Application early 2009

Investigate financing options, and possible development mid 2009

Current Concept: 1,000,000tpa open pits to produce an average 60-70,000oz pa

Capital cost A\$40-50 million ?

Five year open pit life; + Underground?

[Underground 250,000 to 500,000 tpa]

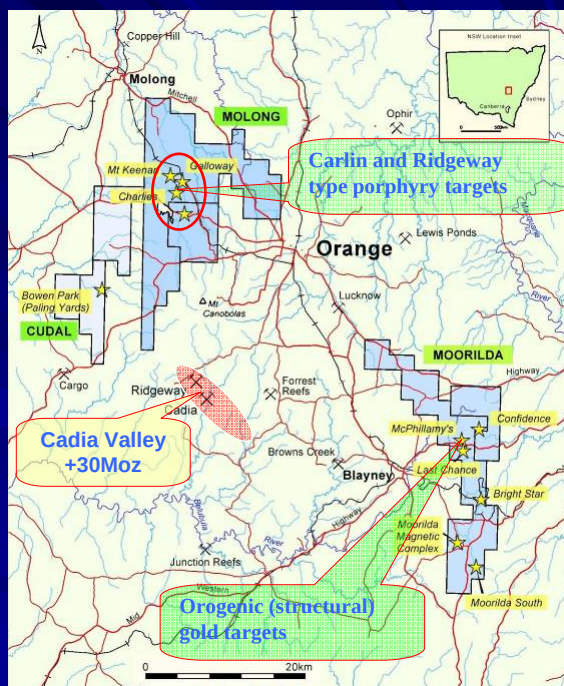
Cash flows range to A\$30M pa; open pits to generate A\$150m



Orange Area Regional Location

Newmont Joint Venture Molong and Moorilda

NMA to spend \$5M before
Aug 2010 to earn 51%
Can go to 75% by carrying
all expenditures to final BFS



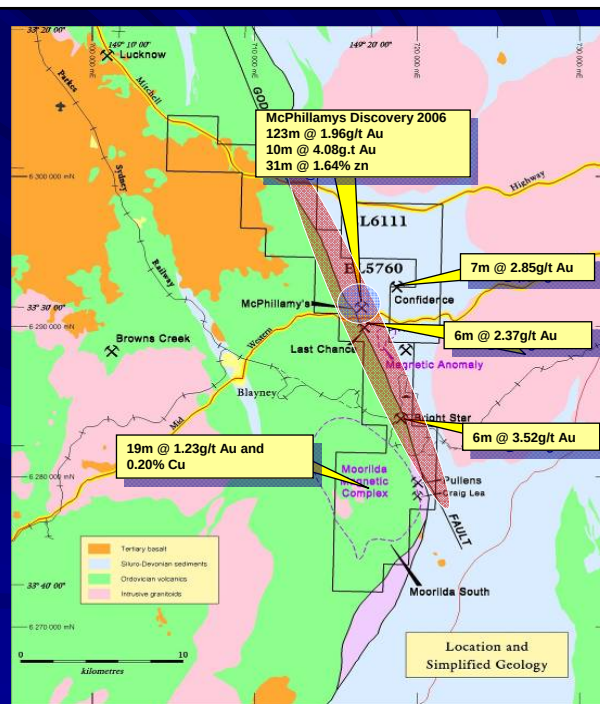
ODEJV Moorilda

Geology and Prospects

- Tertiary
- Granites [Carb-Sil + Ord Monzonite]
- Siluro-Devonian volcanics and sediments
- Ordovician volcanics



Target corridor

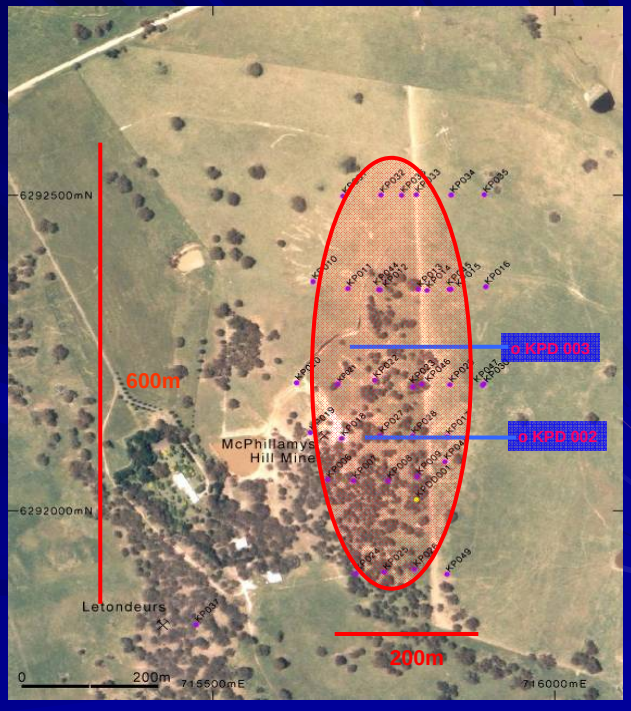


ODEJV Moorilda

McPhillamys

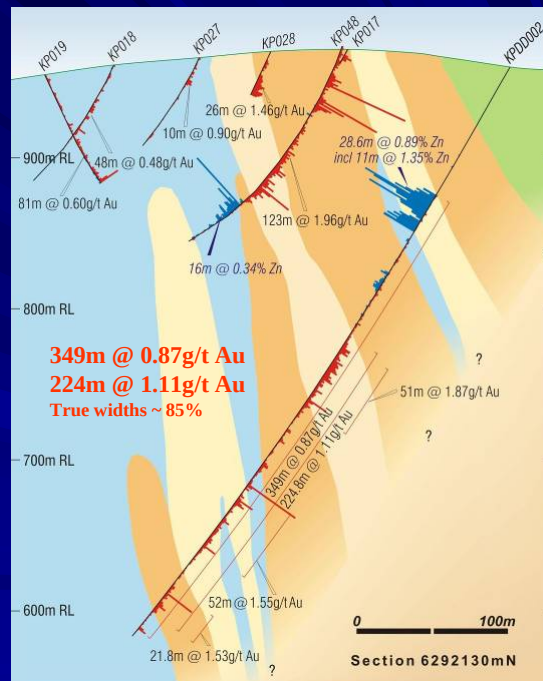
Mineralisation ~0.5g/t Au
with drill hole
locations

Target potential
> 1Moz → 2.5Moz



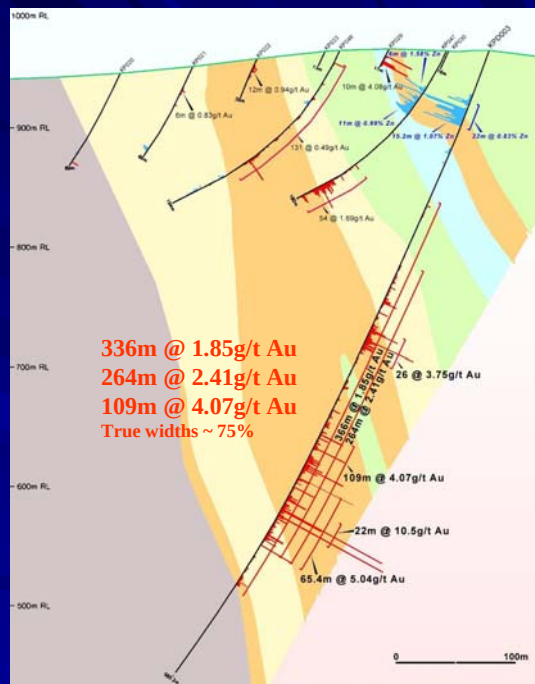
ODEJV Moorilda McPhillamys Drill Section 6292120mN

- Strongly foliated dacitic schist
- Med-coarse grained dacitic volcaniclastic
- Coarse grained volcaniclastic conglomerate (Epiclastic)
- Strongly foliated dacitic schist
- Intensely sericite-altered schist
- Gold histogram
- Zinc histogram



ODEJV Moorilda McPhillamys Drill Section 6292220mN

-  Strongly foliated dacitic schist
-  Med-coarse grained dacitic volcaniclastic
-  Coarse grained volcaniclastic conglomerate (Epiclastic)
-  Strongly foliated dacitic schist
-  Intensely sericite-altered schist
-  Gold histogram
-  Zinc histogram



ODEJV Moorilda McPhillamys Conceptual Target Size

Basic area currently defined at + 1g/t gold ~ 300m x 200m x 85% = 51,000m²

To vertical depth of 350m = ~18 million m³

Tonnage @ 2.8 sg = ~50 million tonnes

Grade @ 1.5g/t gold = ~2.5 million oz

The +0.5g/t envelope is >600m long and open to the north and south

The IP chargeability anomaly also suggests more targets to the west of drilling

Regional mineralisation extends over 4km and possible as much as 10km

Preliminary metallurgical scoping indicates +90% gold recovery from CIL

Geometry would suggest low waste to ore ratio to significant depth

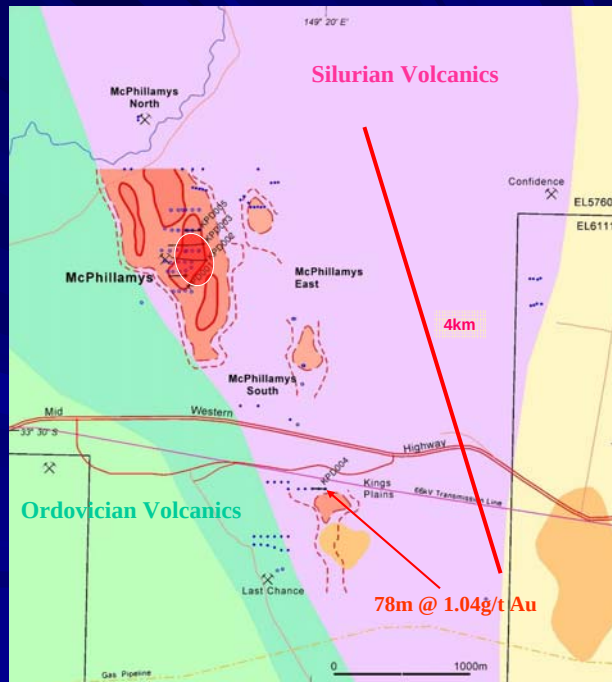


ODEJV Moorilda

McPhillamys Regional Geology with IP chargeability



The 2.5Moz target

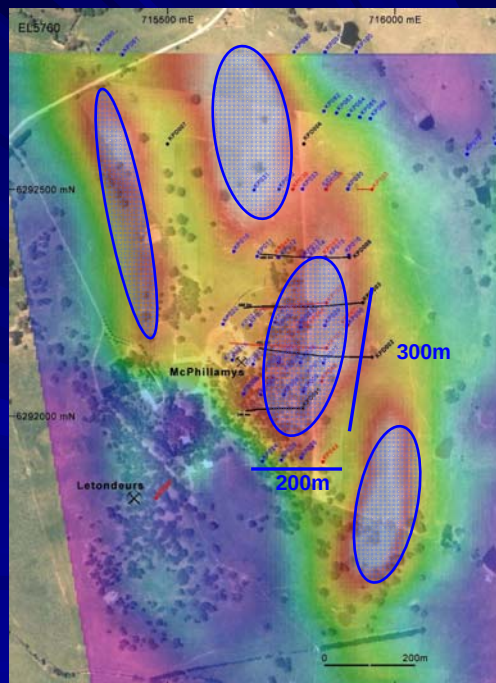


ODEJV Moorilda

McPhillamys

Drill hole locations with IP chargeability

Target potential
2.5 Moz ?
x 3 ??



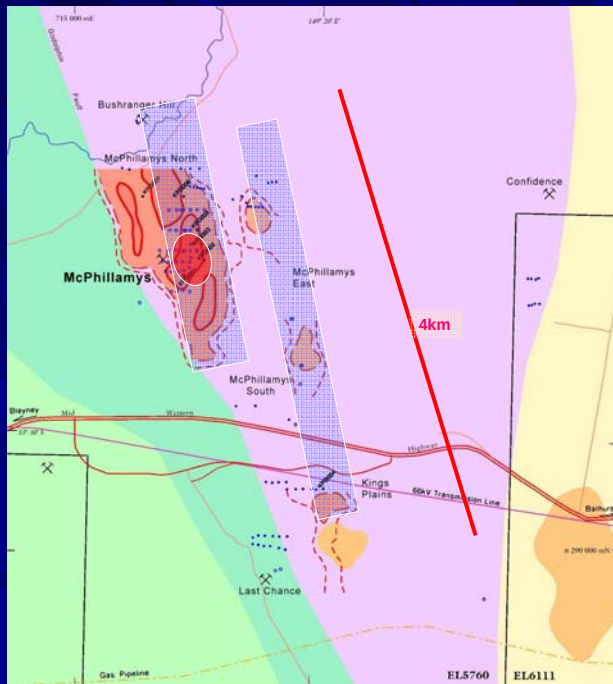
ODEJV Moorilda

McPhillamys

2008 Program

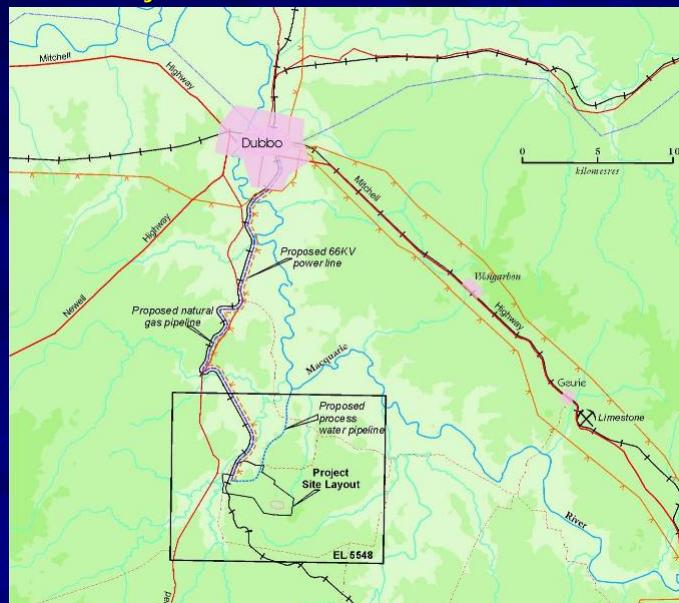
McPhillamys Scoping
7,000m RC + Core drilling

Regional Scouting
4,000m RC + Core drilling
incl IP and Kings Plains Area

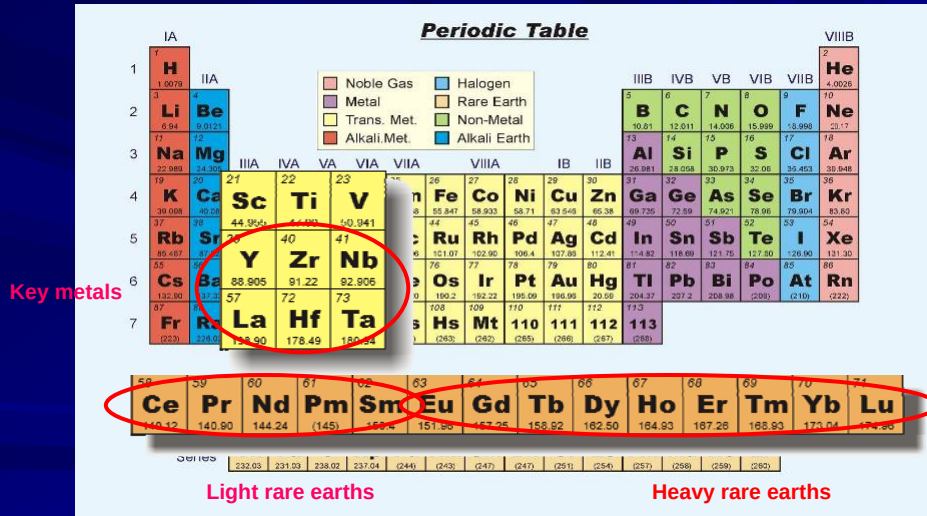


DUBBO ZIRCONIA PROJECT

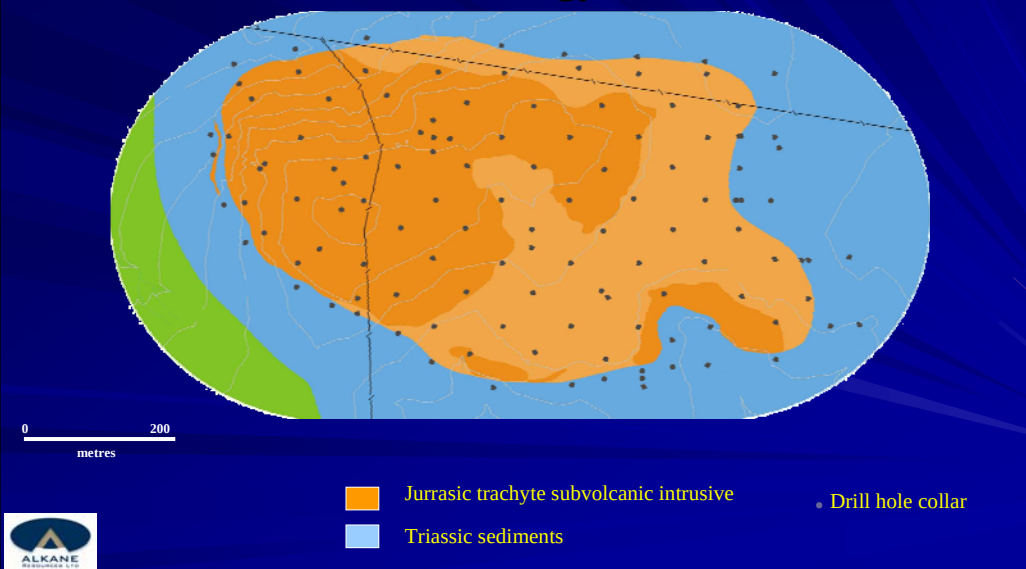
Project Site and Infrastructure Location



DUBBO ZIRCONIA PROJECT



DUBBO ZIRCONIA PROJECT Geology



DUBBO ZIRCONIA PROJECT

RESOURCES

Measured Resource : **35.7 million tonnes grading**
0 - 55 metres **1.96% ZrO₂, 0.04% HfO₂, 0.14% Y₂O₃**
0.46% Nb₂O₅, 0.03% Ta₂O₅, 0.014% U₃O₈,
and 0.75% REO

Inferred Resource : **37.5 million tonnes at similar grades**
55 - 100 metres

TOTAL : **73.2 million tonnes**

Major world resource of zirconium, hafnium, niobium, tantalum, yttrium and rare earth elements

Although the ore is not classified as a radioactive deposit, it contains 23 million lbs (10,200t) of uranium

Production of uranium is currently prohibited in NSW



DUBBO ZIRCONIA PROJECT

Current Program

AusIndustry Commercial Ready Grant of A\$3.29M in April 2006 on dollar for dollar basis to complete process optimisations, and construct and operate the Demonstration Pilot Plant (DPP).

Laboratory program to optimise flow sheet commenced at ANSTO Lucas Heights (Australian Nuclear Science and Technology Organisation) July 2006, with Demonstration Pilot Plant commissioned March 2008

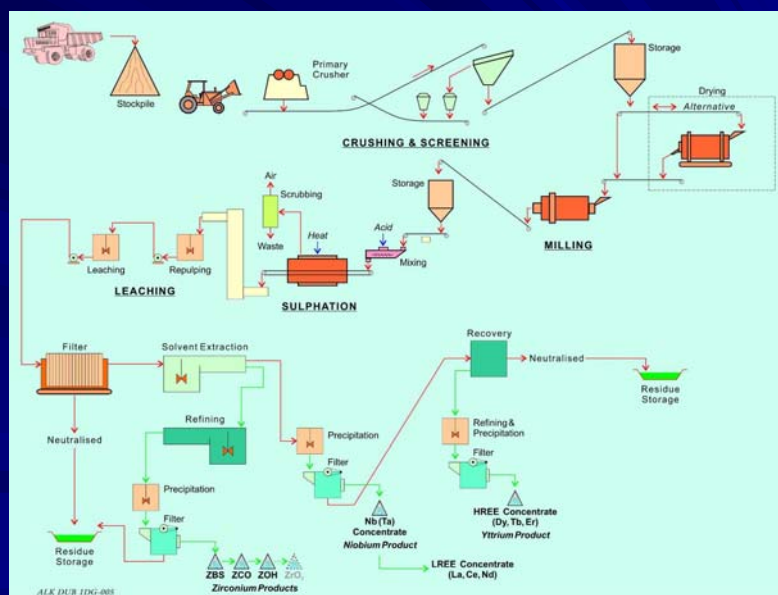
Substantial product samples (50 to 100kg) from DPP to be distributed in 2H 2008

Market update completed late 2007 – strong growth predicted in most products

Revise and update the 2002 feasibility study by mid to late 2009



DUBBO ZIRCONIA PROJECT PROCESS FLOW SHEET



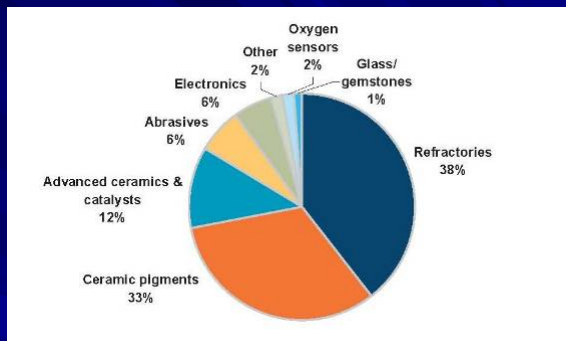
DUBBO ZIRCONIA PROJECT Product market summary

Zirconium:	drying agent in paints; primer coat of vehicle metalwork; ceramic pigments; engineering ceramics; catalysts; electronics; solid oxide fuel cells
Hafnium:	cladding in nuclear power plants; special alloys and glasses
Niobium:	control rods for nuclear reactors; nextgen microprocessors
Yttrium:	HSLA steels; special alloys and glasses
Rare earths:	stabilizer in ceramics; phosphors for TV/computer screens; lasers
	speciality glasses; phosphors; fertilizers; catalysts; lasers; magnets/batteries, particularly for hybrid vehicle motors



DUBBO ZIRCONIA PROJECT

Current Zirconia Zr Chemical Uses



2006 Consumption
2010 Estimated

100,000 tonnes
126,000 tonnes with industry growth rate of 4.5%pa

High growth areas:

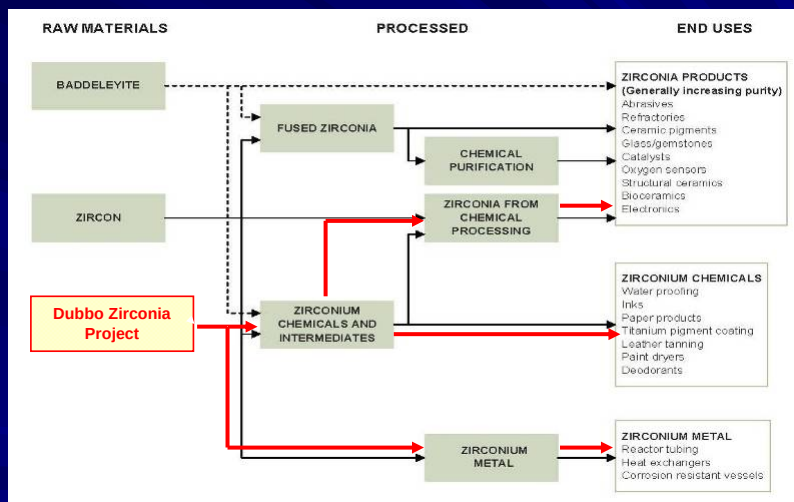
Advanced ceramics and catalysts 13.0%pa
Ceramic pigments 8.0%pa



TZ Minerals International Dec 07

DUBBO ZIRCONIA PROJECT

Structure of the Zirconia Industry



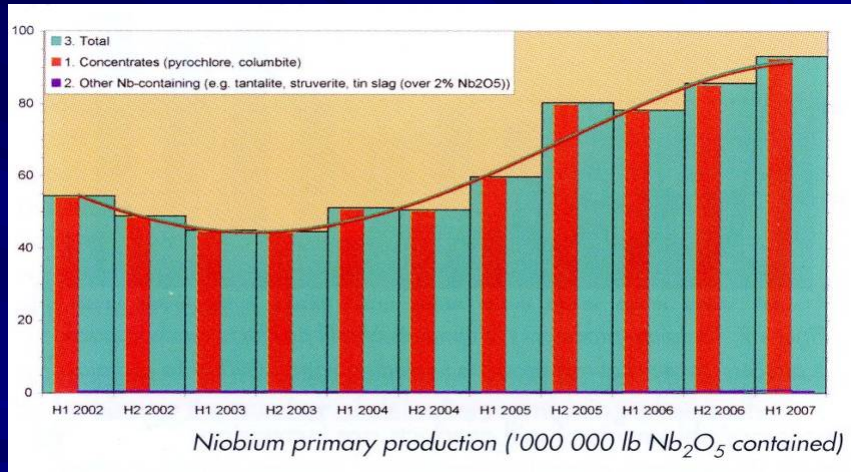
Products range from US\$5 to +US\$20/kg (ZrO₂ equ) depending upon quality and use
Zirconium metal ranges from US\$25/kg to US\$250/kg



TZ Minerals International Aug 06/Dec07

DUBBO ZIRCONIA PROJECT

Primary niobium production



Since early 2007, price has spiralled to US\$65/kg from long term base of around US\$16/kg. Currently ~US\$55/kg

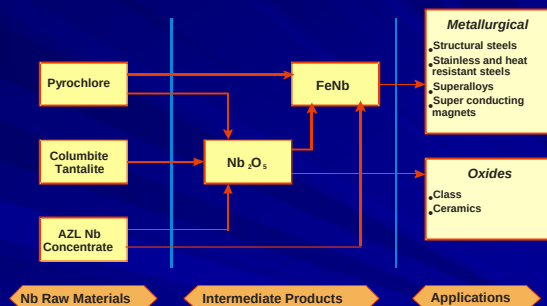
TIC Dec 07

DUBBO ZIRCONIA PROJECT

Schematic Illustration of Niobium Industry Structure

2007 (as pentoxide)

Niobium
86,000t – 90% Brazil



DZP product estimated to range from US\$25 to US\$35/kg depending upon quality and use, and long term sustainable pricing

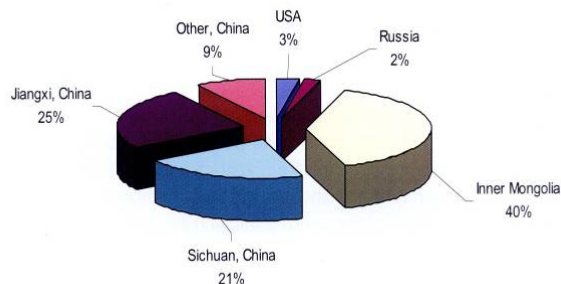


TZ Minerals International Dec07

DUBBO ZIRCONIA PROJECT

Yttrium - Rare Earth Market

Major producers of mined rare earths, 2006 (t REO)



China currently produces 95% of world output of 122,500 tonnes 2007

2012 demand forecast 190,000 tonnes. China is limiting the export of raw materials

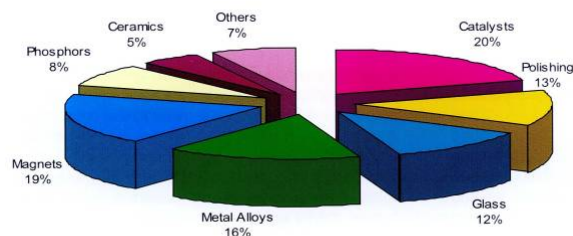


Roskill 2007
IMCOA 2008

DUBBO ZIRCONIA PROJECT

Yttrium - Rare Earth Market

World: Estimated rare earths consumption by end-use, 2006



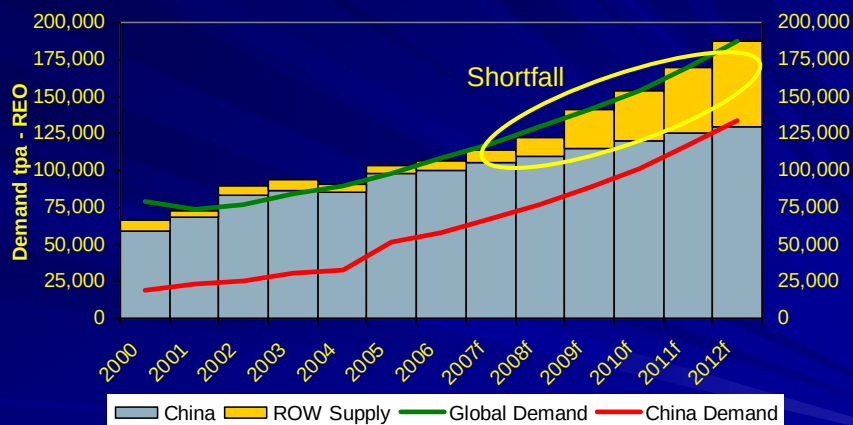
Big growth areas are magnets **Dy-Tb-Nd-Sm** and rechargeable batteries **Nd** (metal alloys) for electric and hybrid vehicles. Also phosphors **Y-Tb-Eu** (TV, computer, LCD's), and ceramics **Y-Tb** and catalysts **Ce**



Roskill 2007
IMCOA 2008

DUBBO ZIRCONIA PROJECT

Yttrium - Rare Earth Market



DZP product ranges US\$11 to US\$15/kg per contained Y_2O_3 and US\$13 to US\$15/kg per contained REE's



Roskill 2007
IMCOA 2008

DUBBO ZIRCONIA PROJECT

Demonstration Pilot Plant - Shed



DUBBO ZIRCONIA PROJECT

Demonstration Pilot Plant – Shed Internal



DUBBO ZIRCONIA PROJECT

Demonstration Pilot Plant - Kiln



DUBBO ZIRCONIA PROJECT

Demonstration Pilot Plant – Primary Filter



DUBBO ZIRCONIA PROJECT

Demonstration Pilot Plant – Solvent Extraction Circuit



DUBBO ZIRCONIA PROJECT

Demonstration Pilot Plant – Zirconium Recovery



The Project Pipeline

PROJECT	2008	2009	2010	2011	2012	2013
TGP						
Wyoming	Exploration	Resource	Feasibility	Construction	Production	Production
Caloma						
Peak Hill					Construction	Production
DZP	Exploration	Resource	Feasibility	Construction	Production	Production
ODEJV						
McPhillamys	Exploration	Resource	Feasibility	Feasibility	Construction	Production
Wellington						
Galwadgere		Exploration	Resource	Feasibility	Construction	Production



Exploration

Resource

Feasibility

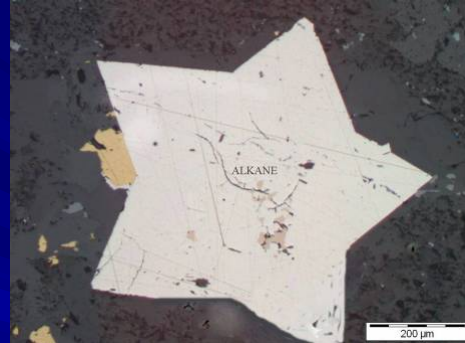
Construction

Production



ALKANE RESOURCES LTD
ABN 35 000 689 216

Multi Commodity Development in the Central West of NSW



Arsenopyrite in Caloma core

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