

JINDALEE

Resources Limited
ABN 52 064 121 133

QUARTERLY REPORT TO SHAREHOLDERS

for the three months
ended 30 June 2009.

ASX Code - JRL

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This report and further information are
available on Jindalee's website at:

www.jindalee.net



HIGHLIGHTS

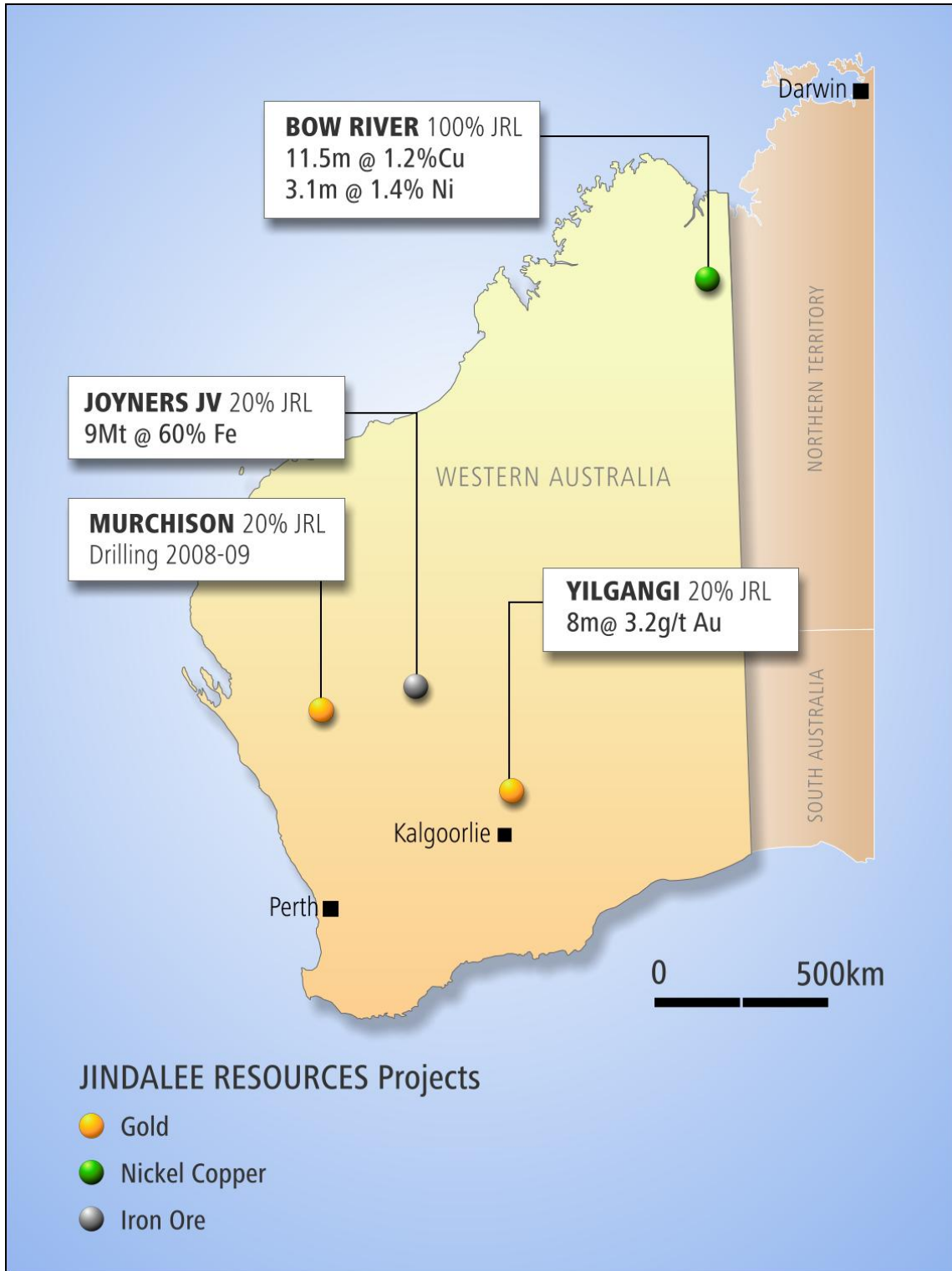
- * Energy Metals (JRL 40%) - **Bigryli** (NT) resource now **29.4 Mlb** U₃O₈ (250ppm cut off,) with 53% of resource classified as Indicated
- * Energy Metals announces maiden 6 Mlb uranium resource at **Anketell** (WA)
- * Energy Metals pegs high priority uranium anomaly at **Macallan** (NT)
- * Exercise of unlisted options during the period increases Jindalee's working capital

FINANCIAL

- * The Company has a total of 32.8 million shares and 2.0 million unlisted options on issue
- * At 30 June 2009 Jindalee had no debt and held cash and shares worth approximately \$26.8M (equivalent to **\$0.80 per share** fully diluted)

A handwritten signature in black ink that reads "Lindsay Dudfield".

Lindsay Dudfield
Managing Director
31 July 2009



Jindalee Resources – Lead Projects

URANIUM

Energy Metals (Jindalee 39.9% of issued capital)

Jindalee holds 46.8 million Energy Metals shares, providing Jindalee shareholders with continued exposure to Energy Metals' portfolio of exciting uranium projects.

Energy Metals controls 9 projects (total area >4,000 km²) located in the Ngalia Basin in the Northern Territory and in Western Australia, with six of the projects containing uranium mineralisation discovered in the 1970's. Exploration has focussed on the **Bigrlyi Project** in NT (53.7% owned by Energy Metals), where resource drilling has returned relatively high grade intercepts and testwork has confirmed excellent metallurgical recoveries.



Energy Metals released a revised Bigrlyi resource estimate in mid July. At a cut-off grade of 250ppm U₃O₈, the Bigrlyi indicated and inferred resource, as summarised in the following table totals 29.4 million pounds (Mlb) of U₃O₈.

Indicated and Inferred Resource at 250ppm U₃O₈ cut-off – July 2009

Resource Category	Tonnes (Millions)	U ₃ O ₈ (ppm)	U ₃ O ₈ (t)	U ₃ O ₈ (Mlb)
Indicated	8.83	821	7,251	16.0
Inferred	7.76	780	6,056	13.4

Tonnes are metric (2204.62 pounds), figures may not total due to rounding.

The resources were estimated using Multiple Indicator Kriging (MIK) by independent resource consultants Hellman & Schofield Pty Ltd.

Interpretation of the infill drilling completed late 2008 has resulted in greater confidence in the geological model, with 54% of the total contained uranium metal (or 7.3 Kt U₃O₈) now reporting to the Indicated Resource category.

The Bigrlyi mineralisation is open at depth and along strike with excellent potential to further increase the resource base. A drilling program, targeting extensions to the current mineralised zones, and aimed at further conversion of the resource base to the Indicated category is planned to commence during the September quarter.

Also during the quarter, Energy Metals applied for ground covering a previously untested intense radiometric anomaly, located approximately 140 km northwest of Bigrlyi. Energy Metals considers that this anomaly may be indicative of the presence of structurally-controlled uranium mineralization in the Proterozoic basement rocks. Access negotiations with the traditional owners will commence as soon as possible.

Uran (Jindalee 4.9% of issued capital)

Jindalee holds approximately 2.5 million Uran Limited shares, representing almost 5% of issued capital. Uran is predominantly a uranium company, focused on advanced projects in the United States and Eastern Europe. The company also controls the Finley Basin tungsten project in the United States.

During the June quarter, Uran announced the results from channel sampling of historic trenches and shallow pits on their 65% owned joint venture ground, part of the highly prospective Grants Ridge district in the US state of New Mexico. Assay values obtained from the sampling program at the Armijo project reportedly averaged 548ppm U₃O₈. The project area includes nine known uranium deposits with historic production or resources. Uran is planning drill testing the core prospects once all necessary statutory approvals have been received.

GOLD

Yilgangi (Jindalee 20 % project carried)

The Yilgangi project is located in the Eastern Goldfields, approximately 120 km northeast of Kalgoorlie. Newcrest Operations Limited (a subsidiary of Newcrest Mining Limited) farmed into Yilgangi in March 2004 and to date has spent more than \$3.9M on exploration. Newcrest holds an 80% interest in the project with Jindalee's 20% participatory interest, project-carried to a Decision to Mine.

RAB/AC drilling, targeting six discrete and previously untested magnetic anomalies is scheduled for the September quarter.

Murchison (Jindalee 20% free- carried)

The Murchison Project comprises over 600 km² of prospective greenstone, mostly located between the Big Bell Mine (2.8M oz) and Paddys Flat (2M oz). The Project is a Joint Venture with Alchemy Resources with Jindalee's 20% interest free carried to completion of a Bankable Feasibility Study.

Alchemy was successful in an application for a grant under the West Australian Government's co-funded Government-Industry drilling program initiative. The next phase of exploration drilling of the Murchison project tenements is scheduled to commence in the December quarter 2009.

Alchemy Resources (Jindalee 21% of issued capital)

In addition to the joint venture interest in the Murchison projects, Jindalee also holds 9.8 million Alchemy Resources shares, representing approximately 21% of Alchemy's issued capital and providing Jindalee's shareholders with exposure to Alchemy's expanded portfolio of projects, including Alchemy's exciting Hermes gold project, located 120km northeast of Meekatharra and only 60km from Barrick's Plutonic Gold Mine.

During the quarter, Alchemy announced the results of exploration drilling at Hermes, where a 131,000 oz indicated resource has been previously reported. Several moderate to high grade RC intersections were returned from outside the existing resource envelope, including best downhole intersections of 5m at 34 g/t gold from 34m and 8m at 10.3 g/t from 156m depth. RAB drilling targeting shallow extensions of the mineralisation was also successful with Alchemy reporting several highly encouraging gold intersections, including 5m at 6.4 g/t from 3m and 15m at 3.2 g/t from 34m depth. Further drilling is planned.

Cardinia JV (Jindalee 11% free carried)

Jindalee holds an 11% interest in a group of tenements at Cardinia, located 30 kilometres east of Leonora. The joint venture project forms part of Navigator Resources' extensive Leonora project holdings. Jindalee's interest in the Cardinia joint venture ground is free carried through to completion of a Bankable Feasibility Study.

There were no developments reported for the Cardinia JV tenements during the quarter.

BASE METALS

Mt Korong Joint Venture (Jindalee 50% and Manager)

The Mt Korong project is located in the northern Eastern Goldfields between the townships of Leonora and Laverton and in close proximity to Minara Resources' Murrin Murrin lateritic nickel operation. The project is an equal joint venture between Jindalee and Golden State Resources, with the project being managed by Jindalee. The project is prospective for nickel laterite mineralization with historic wide-spaced drilling returning shallow nickel intersections of 10m at 0.86%Ni from 6m and 7m at 0.85% from 12m.

No work was undertaken on the project during the quarter.

Bow River **(Jindalee 100%)**

This project is located in the East Kimberley region; 80 km south of Kununurra and 60 km northeast along strike from the Savannah nickel mine. Previous drilling at Bow River intersected massive sulphides with a number of significant copper and nickel intersections, including 3.12m @ 1.45% Ni and 0.47% Cu, and 11.5m @ 1.2% Cu and 0.5% Ni. The mineralisation occurs in a differentiated mafic-ultramafic intrusion, similar to the host rock at the Savannah mine.

No work was undertaken on the project during the quarter.

Great Western Exploration **(Jindalee 4.9% of issued capital)**

Great Western Exploration Limited's Mt Gibb project is located at the southern end of the Forrestania greenstone belt, along strike from Western Areas' Flying Fox and Digger Rocks nickel deposits. During 2008, Jindalee announced the sale of its remaining 20 percent interest in the Mt Gibb project tenements to Great Western for 2 million shares and 2 million unlisted options in the company.

In early July, Great Western announced that they had applied for 1700 km² of ground at Doolgunna, 140 km NE of Meekatharra. Golden West are targeting massive sulphide mineralization, similar to the style of mineralization being targeted by Sandfire Resources at their Degrusse prospect in the same region.

Anchor **(Jindalee 3.9% of issued capital)**

Anchor Resources Limited is exploring a portfolio of projects located in Eastern Australia that are prospective for gold, antimony, copper and base metals. Jindalee is Anchor's fifth largest shareholder with 1.2 million shares, acquired through the sale of its Birdwood project in northern NSW, prior to Anchor listing on the ASX.

During the quarter, Anchor announced highly encouraging results from the first round of diamond drilling at their Biesdown antimony project, located 40 km west of Coffs Harbour in northern NSW. All holes reportedly intersected significant visible antimony sulphide (stibnite) mineralization over significant downhole widths. Assay results reported by Anchor from hole 09WDD03 included 3.85m at 10.1% antimony from 100.75m within a broader 20m interval from 99m depth that averaged 2.65% antimony.

IRON ORE

Joyners **(Jindalee 20% free carried)**

The Joyners project is a joint venture with Golden West Resources Limited and forms a part of Golden West's much larger Wiluna West project. Golden West has earned an 80% interest in the joint venture tenements with Jindalee maintaining a 20% equity position, free-carried through to completion of a Bankable Feasibility Study. Golden West is currently progressing the project through a pre-feasibility study.

The joint venture tenements contain inferred iron oxide resources totalling 9.2 million tonnes at 60.5% iron. Although commodity prices have softened from recent highs, Jindalee's 20% share of this resource still represents significant value without impacting on the Company's ability to finance its other projects.

There were no further developments concerning the joint venture tenements reported during the quarter.

CORPORATE

A total of 850,000 unlisted options expiring 30 June 2009 were exercised during the period, raising \$255,000.

Jindalee's issued capital now comprises 32,794,775 ordinary fully paid shares and 2,000,000 unlisted options.

Notes: The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Terrence Peachey, who is an employee of the Company and is a member of the Australian Institute of Geoscientists. Mr Peachey has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which he is undertaking, to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves.' Mr Peachey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report relating to Energy Metals' uranium resources and exploration results is based on information compiled by Nick Burn BSc(Hons), MAIG., and Arnold van der Heyden BSc, MAusIMM. Mr Burn and Mr van der Heyden have more than five years relevant experience in estimation of mineral resources and the mineral commodity uranium. Mr Burn is a full time employee of Energy Metals Limited and takes responsibility for the quality of the data and geological interpretations provided to H & S. Mr van der Heyden is a full time employee of H & S and takes responsibility for the resource estimation. Mr Burn and Mr van der Heyden have sufficient experience relevant to the assessment of this style of mineralization to qualify as a Competent Persons, as defined in the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code". Each of the above named consents to the inclusion of the information in the report in the form and context in which it appears.