

JINDALEE

Resources Limited
ABN 52 064 121 133

QUARTERLY REPORT TO SHAREHOLDERS

for the three months
ended 31 March 2010.

ASX Code - JRL

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

www.jindalee.net



HIGHLIGHTS

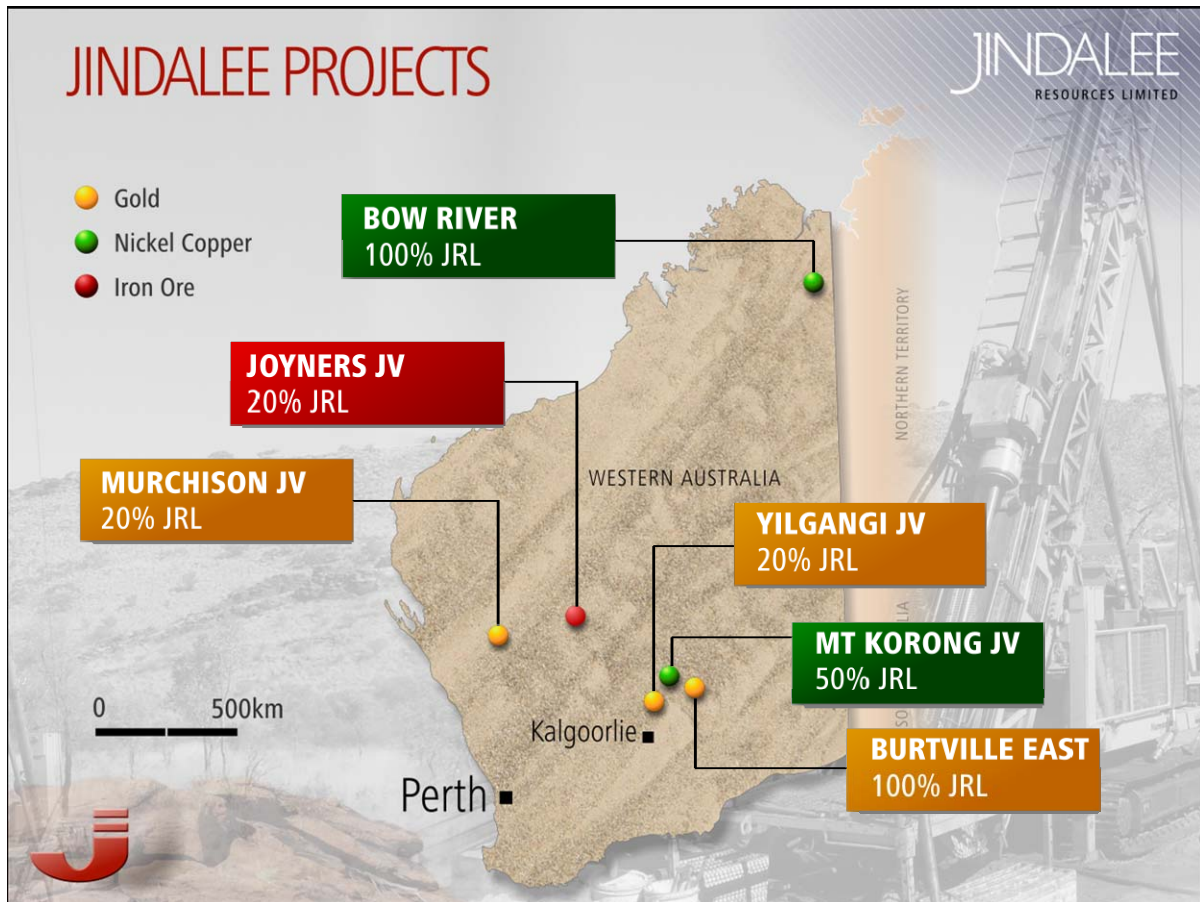
- * RC Drilling to commence at the Bow River nickel project in May.
- * Alchemy Resources (JRL 13%) commences drill testing of VTEM targets, west of Sandfire Resources' Doolgunna project.
- * Newcrest to complete 600m diamond drill hole at Yilgangi in June 2010 quarter.

FINANCIAL

- * The Company has a total of 32.8 million shares and 2.0 million unlisted options on issue.
- * At 31 March 2010 Jindalee had no debt and held cash and shares worth \$49M (equivalent to **\$1.43 per share** fully diluted).

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

Lindsay Dudfield
Managing Director
28 April 2010



Jindalee Resources – Lead Projects

URANIUM

Energy Metals (Jindalee 10.4% of issued capital)

In December 2009, Jindalee accepted China Guangdong Nuclear Power Holding Co., Ltd (CGNPC)'s offer for 70% of its shareholding, receiving \$33,411,110 from the sale of its shares. The Company retains approximately 14 million Energy Metals shares, giving shareholders continued exposure to the development of the Bigrlyi uranium-vanadium deposit and the potential of Energy Metals' other uranium projects.

Energy Metals controls 9 projects (total area >4,000km²) located in the Ngalia Basin in the Northern Territory (NT) and in Western Australia (WA), with 6 of the projects containing uranium mineralisation discovered in the 1970's. Initial exploration has concentrated on the Bigrlyi Project in NT (53.7% owned by Energy Metals), where previous drilling returned relatively high grade intercepts with excellent metallurgical recoveries. The uranium mineralisation at Bigrlyi is accompanied by economically significant vanadium values. At a cut-off grade of 250ppm U₃O₈, the published Bigrlyi resource (indicated and inferred) totals 29.4 million pounds (Mlb) of U₃O₈.

Mid April 2010 Energy Metals announced an initial inferred resource of 7.0 Mlb U₃O₈ (at 100ppm U₃O₈ cut-off) at its 100% owned Cappers prospect, located 150km southeast of Bigrlyi. The mineralisation at Cappers is calcrete hosted and occurs within 10m of the surface.



Uran (Jindalee 1.8% of issued capital)

Jindalee holds approximately 2.5 million Uran Limited shares and remains one of Uran’s top shareholders. 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.

Uran’s current focus is on their 65% owned joint venture ground within the highly prospective Grants Ridge district in the US state of New Mexico. Drill testing of key prospects continued throughout the quarter with further intersections announced, including 3m at 898ppm U₃O₈ from 72m and 7m at 426ppm U₃O₈ from 100m at the F33 prospect.

In the December 2009 quarter, Uran signed a joint venture agreement that will provide them with the opportunity to earn up to an 85% interest in the Uravan project in the Utah-Colorado border region. This area is reportedly similar to the Grants Ridge district, containing a number of historical small to medium-sized open pit or underground uranium mines or prospects. During the current quarter, Uran advised that the due diligence period for the proposed acquisition had been extended out until late April, due to a requirement to re-peg a number of Mineral Claims.

GOLD

Burtville East (Jindalee 100%)

Jindalee's Burtville East project is located 41 kilometres east southeast of Laverton in the Northeastern Goldfields of Western Australia and nine kilometres southeast along strike from A1 Minerals' 134,000 ounce Brightstar Alpha deposit. The Laverton district is host to several of the Goldfields largest gold deposits, including AngloGold's Sunrise mine and Barrick's Granny Smith operations.

Two lines, spaced 400m apart, of overlapping angled bedrock RAB drillholes were completed as a partial test of the previously reported shallow auger and soil gold anomalism. Two of the 14 holes intersected narrow intervals of low grade gold values, confirming the presence of a bedrock source to the surface anomaly. Intersections at a 0.1ppm lower cut-off were as follows:

Drillhole	GDA_Northing	GDA_Easting	Depth from m	Interval m	Gold Grade ppm
BER005	6815500	477980	44	4	0.10
BER012	6815100	478300	44	4	0.13

notes: - holes drilled at an angle of -60 degrees to the west.

-4m Composite sampling throughout

-Gold assays using 25gram aqua-regia digest with solvent extraction and Flame Atomic Absorption Spectrometry determination.

The significance of these results is being evaluated, prior to undertaking any further work.

Yilgangi (Jindalee 20 % loan-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 \$4M on exploration. Newcrest holds an 80% interest in the project with Jindalee's 20% participatory interest, loan-carried to a Decision to Mine.

A review of the Hobbes mineralisation in the previous quarter identified the potential for plunging higher-grade shoots within the much larger zone of low-grade gold mineralisation. Newcrest has advised that a 600m diamond drill hole targeting shoot controlled mineralisation will commence early in the June 2010 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.

Drilling programs to be undertaken at the Big Bell North, Wydgee and Gidgee Projects have been approved by the Department of Minerals and Petroleum. Drilling at Alchemy's Murchison Projects was postponed in the March 2010 quarter to focus on drilling at the Magnus and Hermes Projects. Aircore drilling at Big Bell North and RC drilling at Gidgee is planned for the June 2010 quarter.

Alchemy Resources

(Jindalee 13.1% of issued capital)

In addition to the joint venture interest in the Murchison projects, Jindalee also holds 9.8 million Alchemy Resources shares, providing Jindalee's shareholders with exposure to Alchemy's expanded portfolio of projects, including Alchemy's exciting Hermes gold and Magnus copper-gold projects, located 120km northeast of Meekatharra. The Magnus copper-gold project covers the extensions of the favourable Narracoota Formation volcanics to the west of Sandfire Resources' Doolgunna project tenements.

Further RC drilling was undertaken during the quarter on Alchemy's Hermes prospects and drilling has commenced testing the best of the bedrock conductors, identified from the December quarter VTEM survey.

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 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. The project is a joint venture between Jindalee and Golden State Resources, with the project being managed by Jindalee. Golden State has advised their intention to dilute their interest in the joint venture by not contributing to the current phase of exploration.

A 50 hole programme of shallow RAB drilling was completed during the quarter in the northeast of the project tenement. The drilling was designed as a follow-up to the historical lateritic nickel intersections. Results of the drilling were disappointing, returning only weakly anomalous or sub-economic nickel values. No further work is planned.

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.

A four hole RC drill programme is scheduled to commence at Bow River in May. The planned drill holes will target previously-identified and only partially tested EM conductors. Once complete, downhole geophysics (EM) will be undertaken on these holes to further refine targets.

Great Western Exploration (Jindalee 3% of issued capital)

Great Western have a diverse project portfolio, mostly located in Western Australia and the Northern Territory that are prospective for nickel, uranium, gold and base metals. This portfolio includes tenements in the Forrestania region, prospective for nickel sulphide mineralisation. These tenements have been joint ventured to Western Areas NL, operators of the Flying Fox and other underground nickel mines in the same belt.

During the quarter, Great Western announced the results of an airborne radiometric survey conducted over the Ularring uranium project in Western Australia. A series of moderate to strong anomalies were defined over the 74km strike length of the drainage channel located within Great Western's tenements. The largest of these anomalies covers an 8km by 3km area. Ground follow-up is planned.

Anchor (Jindalee 5.2% 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 one of Anchor's largest shareholders. During the quarter, Jindalee exercised options in the company, increasing our holding to more than 2 million shares.

Diamond drilling, designed to further expand the Wild Cattle Creek antimony resource commenced during the quarter. Results announced to the market by Anchor, including one intersection of 18.7m @ 4.46% antimony, have been highly encouraging and confirm the potential for further significant resource upgrades.

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.

The joint venture tenements contain indicated and inferred iron oxide resources estimated to total 7.9 million tonnes at 62.2% iron. Given the recent recovery in iron ore pricing, Jindalee's 20% share of this resource represents significant value, without impacting on the Company's ability to finance its other projects. Golden West is currently exploring options for the early development of the high grade parts of the total Wiluna West resource, and it is likely that any such development will include a portion of the joint venture resource.

During the quarter, Golden West announced the results of a revised resource estimate for the high grade Joyners Find section of the Wiluna West project. This resource estimate was undertaken by Golden West's resource consultants, Optiro, and includes the results of infill drilling completed during 2009. This new estimate includes that portion of the resource located inside the joint venture ground. The revised resource for the joint venture portion (Joyners Find North) is summarized as follows:

Resource Category	Million Tonnes	Grade % Fe
Indicated	3.5	63.1
Inferred	4.4	61.5
TOTAL	7.9	62.2

The resource contains low levels of potential contaminants, including silica, aluminium and phosphorus. Programs of metallurgical testwork and more detailed mine planning are underway.

NEW OPPORTUNITIES

During the period Jindalee continued to assess opportunities with the potential to grow the Company and create wealth for our shareholders. These included advanced projects (both in Australia and overseas) covering a range of commodities and more greenfields opportunities in Australia.

In March 2010 the Company applied for two tenements (ELA's 47/2309 and 47/2310) located in the Hamersley Ranges in the southern Pilbara region of Western Australia. These tenement applications (total area 54km²) cover iron formation rocks prospective for iron mineralisation and are located close to several existing deposits and advanced prospects. The apparent lack of previous exploration meant competition for these areas was intense and Jindalee's applications will be in ballot with applications by 13 other parties, with ballots expected to be held in the September 2010 quarter.

CORPORATE

At 31 March 2010 Jindalee held cash and shares worth approximately \$49M before taxation liability. This implies an NTA of \$1.43 per share (fully diluted), before value is attributed to Jindalee's considerable exploration portfolio.

This healthy cash position places Jindalee in a strong position to assess new opportunities to create wealth for our shareholders, and this will be our primary focus over the coming period.

As previously foreshadowed, Jindalee intends to return a significant portion of the liquid assets held by the Company to shareholders in a tax effective manner, whilst retaining sufficient working capital for new opportunities. The Company has sought expert advice and on the basis of this advice expects to be able to update shareholders on the size and timing of the distribution later this quarter.

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.