Lithex Resources Limited

Investor Presentation

A diversified tin, tantalum, lithium & rare earth mineral company

ASX Code: LTX

www.lithex.com.au

Important Information

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Competent Person Statement

Mr Malcolm Carson has compiled the information in this report from exploration results supplied to Lithex Resources Ltd. Malcolm Carson has sufficient experience that is relevant to the style of mineralisation, the types of deposit under consideration and to the activity that he is undertaking and qualifies as a Competent Person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results ("JORC Code").

Mr Carson is a Member of the AusIMM and a Director of Lithex Resources Ltd. Mr Carson consents to the inclusion in the report the matters based on the information in which it appears.

Forward Looking Statement

This report may contain forward looking statements that are subject to risk factors which are based on Lithex Resources' expectations relating to future events. Forward-looking statements are subject to risks, uncertainties and other factors, many of which are outside the control of Lithex Resources, which could cause actual results to differ materially from such statements. Lithex Resources makes no undertaking to update or revise the forward-looking statements made in this report to reflect events or circumstances after the date of this release.

Investment Highlights

- Directors and Management are long term believers in the Tin, Tantalum, Lithium & Rare Earth Mineral market
- Operating in historical Tin & Tantalum producing regions of the Pilbara & Gascoyne
- Pilbara Projects located close to: sealed roads, within reasonable distance to Port Hedland, port facilities & other vital infrastructure
- Focus on exploration and adding value for shareholders through strategic business development
- Strong cash position & strategic tenement holding

Corporate Information

- Listed on 17 May 2011
- Raised $4.0M in a heavily oversubscribed IPO
- 44.08 M Shares on Issue (over 30% still in Escrow)
- 14.23 M Unlisted Options @ 20c – 30c
- Top 20 Shareholders own 57%
- Cash as at 30th September 2011 $3.10M

Board & Management of Lithex own 11%

Board & Management

Malcolm Carson – Chairman, Non – Executive Director

Mr Carson has over 35 years' experience in all aspects of the resources sector ranging from mineral resource exploration to investment banking (project finance, debt and equity funding, royalty finance, corporate finance and treasury), government, mining equipment manufacture and hire, asset acquisition, corporate restructuring and business development. Mr Carson has held various senior exploration and mine management, director and chief executive positions during his career in the mining industry, including in ASX listing companies.

As a project exploration geologist and exploration manager, Mr Carson has been responsible for supervising early exploration which has led to a number of mineral resource discoveries and the development of gold, coal and nickel mines and major discoveries of iron ore and copper yet to be developed.

Mr Carson has direct relevant experience in exploration for tin and tantalum in the Pilbara Mineral Fields and rare earth oxides.

Rob Mandanici – Managing Director

Mr Mandanici has worked in both the Private and Government sector and has extensive knowledge of corporate governance, process and procedure. He was previously a director of Auvex Resources Limited, an Australian based manganese mining company.

Steve Crabbe – Executive Director

Steve Crabbe has held senior positions in mining companies in the maintenance and production areas. He has 34 years experience in the mining and processing of iron ore, titanium minerals, alumina, gold and manganese. Steve was the founder of Auvex Resources Limited and as Managing Director took the company from inception to a producing manganese miner. Steve is a Director of Naracoota Resources Limited, an exploration company with Gold projects. He is the founder and director of a successful mining services company.

Neal Shoobert – Company Secretary

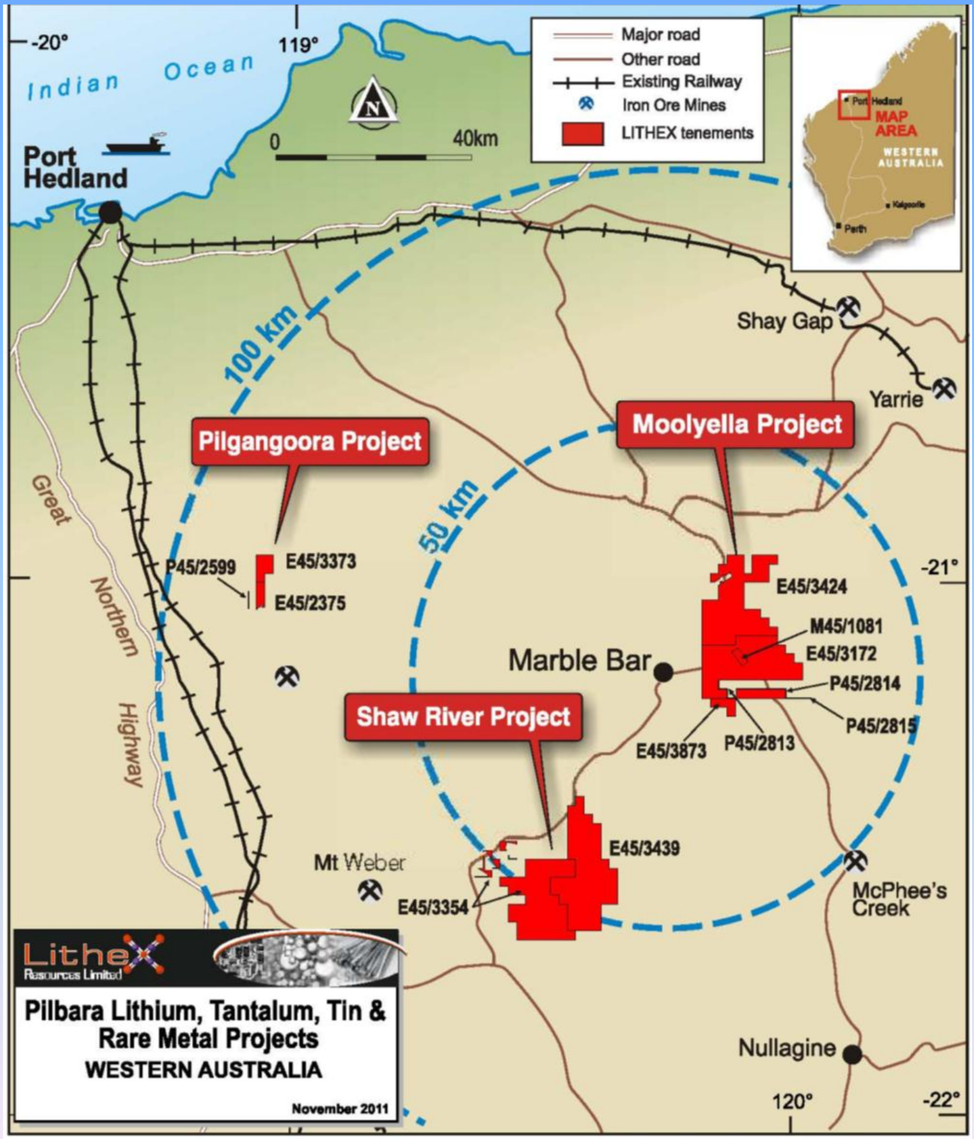
A qualified accountant for over 20 years, Neal Shoobert is an accomplished financial and management consultant possessing extensive experience in corporate compliance. Neal provides company secretarial services for several ASX listed companies.

Lithex Projects

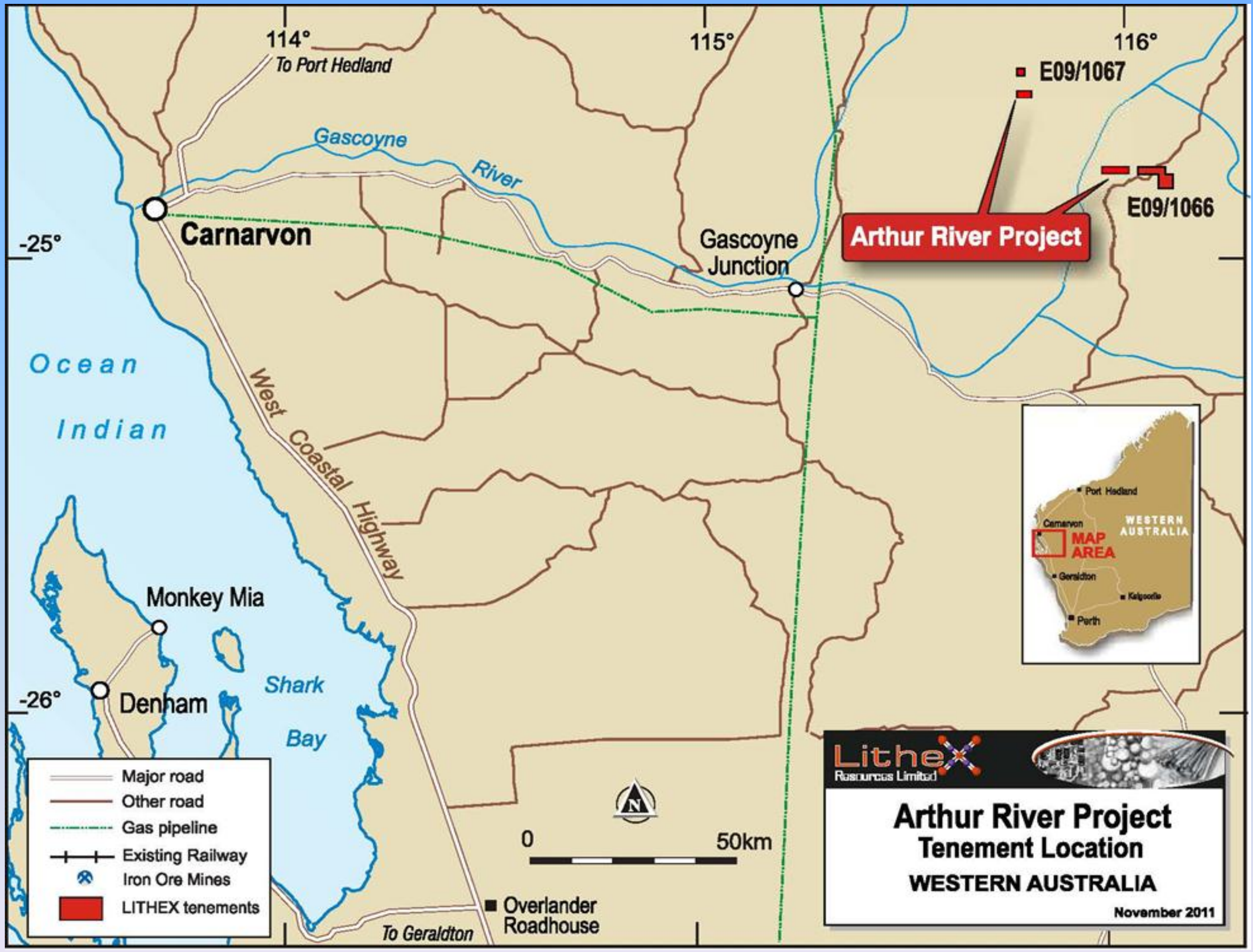
- **Moolyella – Located 23km east of Marble Bar**
  - exploration commenced; Phase 1 &2 complete
  - prepared RC drill targets awaiting Govt. approvals
  - auger drilling of waste dumps & deep leads to commence Nov 2011
- **Shaw River – Located 50km south of Marble Bar**
- **Pilgangoora – Located 120km south of Port Hedland**
- **Arthur River – Located 250km east of Carnarvon**

Total area is approximately 780 km^2

Pilbara Projects



Gascoyne Project



History of the Region

- Historical tin & tantalum producing regions - since 1880's

Market Outlook, Uses & Future

Demand continues to be strong for tin, tantalum, lithium & rare earth metals – driven by consumer demand and increasing research;

- Light weight magnets
- Electric Vehicles
- Wafer thin batteries
- Jet turbines
- Touch screen technology
- Organic applications

Exploration
Moolyella – Phases 1 & 2

- **Objectives Stage 1 (commenced 6th June 2011)**

(1) Data compilation and construction of data base
(2) Map and sample tailings dumps
(3) Classify/prioritize dumps for bulk sampling
(4) Map and sample alluvial deep leads
(5) Map hard rock deposits, old drill sites
(6) Compile data and plan further exploration

- **Objectives Stage 2 (commenced 8th August)**

(1) Rock chip sampling Pegmatite Gully
(2) Soil sampling Eluvial Gully
(3) Soil sampling South Ceremonial Dam and Roadside
(4) Define RC Drill targets at Pegmatite Gully & Eluvial Gully
(5) Define Auger drill targets waste dumps & un-mined deep leads

Exploration Results
Sn & Ta - Dump Samples Stage 1

- Initial mapping suggests >10 dumps containing volumes >3 million tonnes
- Random, "non-representative" channel samples results, demonstrated 7 of the larger dumps contain Sn (Tin) equivalent grades ranging from 690ppm to 2,980ppm
- Information has given sufficient confidence to prepare auger drilling program

Exploration Results
Rock Chips & Panned Con Samples Stage 1

Confirmed presence of monazite in concentrates containing anomalous suite of light and heavy rare earth metals, for example:

- Lanthanides including: Cerium (Ce), Dysprosium (Dy), Erbium (Er), Europium (Eu), Gadolinium (Gd), Holmium (Ho), Lanthanum (La), Lutetium (Lu), Neodymium (Nd), Praseodymium (Pr), Samarium (Sm), Terbium (Tb), Thulium (Tm) and Ytterbium (Yb)

- Rare Minerals including: Cesium (Cs), Gallium (Ga), Germanium (Ge), Hafnium (Hf), Lithium (Li), Niobium (Nb), Rubidium (Rb), Strontium (Sr), Tantalum (Ta) and Yttrium (Y)

Exploration Results
Rock Chips Stage 2 (interim program)

- 207 Rock Chips – Pegmatite Gully near historical diamond drill sites, confirmed anomalous grades of Sn (Tin) and Ta (Tantalum) in pegmatites

- Anomalous Li (Lithium) with results up to 4,920ppm were also identified – **0.49% Lithium**

Exploration Results
Soil Samples Stage 2 (interim program)

- 192 Soil Samples – Eluvial Gully, confirmed presence of anomalous Sn (Tin) and Ta (Tantalum)

- Anomalous samples open ended to the east within older granite and clearly shown in geophysical results

Exploration – RC Drilling November/December 2011

Encouraging results from exploration in Pegmatite Gully and Eluvial Gully which show:

- There is potential to identify a number of mineralized pegmatites by drilling sites near to anomalous tin and tantalum rock chips and historical drill results in the "Pegmatite Gully Area"

- The "Eluvial Gully Area" has potential to host a large mineralized deposit indicated from historical data and recently identified anomalous tin and tantalum in soil sample results. Anomalous results are open-ended to the east within a large (12km2) body which shows a consistent geophysical signature

- A 3,000m RC drilling program is planned, comprising ~1,500m in Pegmatite Gully and ~1, 500m in Eluvial Gully

Exploration – Auger Drilling November/December 2011

Encouraging results from the initial "non representative" sampling of the dumps show:

- There is the potential to identify several million tonnes of material with commercial grades

- An Auger Drilling Program is planned which will involve:

  - drilling designed to collect "representative" samples and to accurately estimate the average grade of tin, tantalum, rare metals (e.g. REO) and accessory minerals (e.g. garnet) in the dumps and,

  - surveying of the dumps to accurately map and calculate determine volumes

- The planned program to comprise, ~200 holes with an expected average depth of 5m for 1,000m

Exploration 2012

- Moolyella – during the months January to March, compile and analyse data collected from the 2011 exploration programs and design follow-up programs for implementation in the 2012 field season

- Shaw River, Pilgangoora and Arthur River – complete compilation of data, undertake reconnaissance exploration followed by testing of identified targets and mineralised zones

Corporate Activities

- Lithex is actively seeking to secure more ground in the Pilbara and is also investigating other opportunities that complement the existing portfolio

- Since listing, Lithex has secured an additional lease at Pilgangoora which has lithium pegmatite & tantalum targets as well as increasing its ground holding at Moolyella

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