

ASX/MEDIA RELEASE

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## FISHER EAST NICKEL RAB DRILLING

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### Highlights

- **Further RAB drilling to test Fisher East nickel geochemical anomaly**
  - **Initial geochemical anomaly of 12m @ 0.12% Ni lies over strong VTEM anomaly**
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Rox Resources Limited (ASX: RXL) (“Rox”) is pleased to report that further Rotary Air Blast (RAB) drilling will commence shortly at the Fisher East nickel prospect, at Rox’s Mt Fisher project 450km north of Kalgoorlie, Western Australia (Figure 1).

The drilling is to follow up and further define targets from recent RAB/ Air Core (AC) drilling that intersected anomalous nickel geochemistry in an ultramafic unit, with hole 15 of that program intersecting **12 metres grading 0.12% Ni** from 32 metres downhole. Importantly, the nickel geochemistry lies directly over a strong VTEM anomaly Rox identified in 2011 (Figure 2).

Modelling of the VTEM anomaly (MFA\_05) by the Company’s geophysical consultants, Southern Geoscience, indicates that the conductor conforms with the enclosing rocks, dipping at 50 degrees to the east, and therefore indicating a bedrock source. A second strong VTEM anomaly (MFA\_04) of similar size is present 4km to the north and will also be tested by the RAB drilling.

Rox Managing Director, Mr Ian Mulholland said *“Nickel sulphide mineralisation is known 25km further to the north where WMC drilled massive magmatic nickel sulphide (0.2m @ 1.93% Ni, 0.42% Cu) in 2003. That intersection also contained Pt and Pd up to 0.7 g/t. At Fisher East, Southern Geoscience have modelled two strongly conductive bodies each up to 500 metres long and extending at least 500 metres deep.”*

*“We only ran one line of RAB drilling over the original VTEM anomaly to see if we got any anomalous nickel. We have now got two very good nickel sulphide targets to chase,”* Mr Mulholland said.

**ENDS**

**For more information:**

#### **Shareholders**

Ian Mulholland  
Managing Director  
Tel: +61 8 6380 2966  
[admin@roxresources.com.au](mailto:admin@roxresources.com.au)

#### **Media**

Tony Dawe/Belinda Newman  
Professional Public Relations  
Tel: + 61 8 9388 0944  
[tony.dawe@ppr.com.au](mailto:tony.dawe@ppr.com.au) /  
[belinda.newman@ppr.com.au](mailto:belinda.newman@ppr.com.au)



Figure 1: Project Location

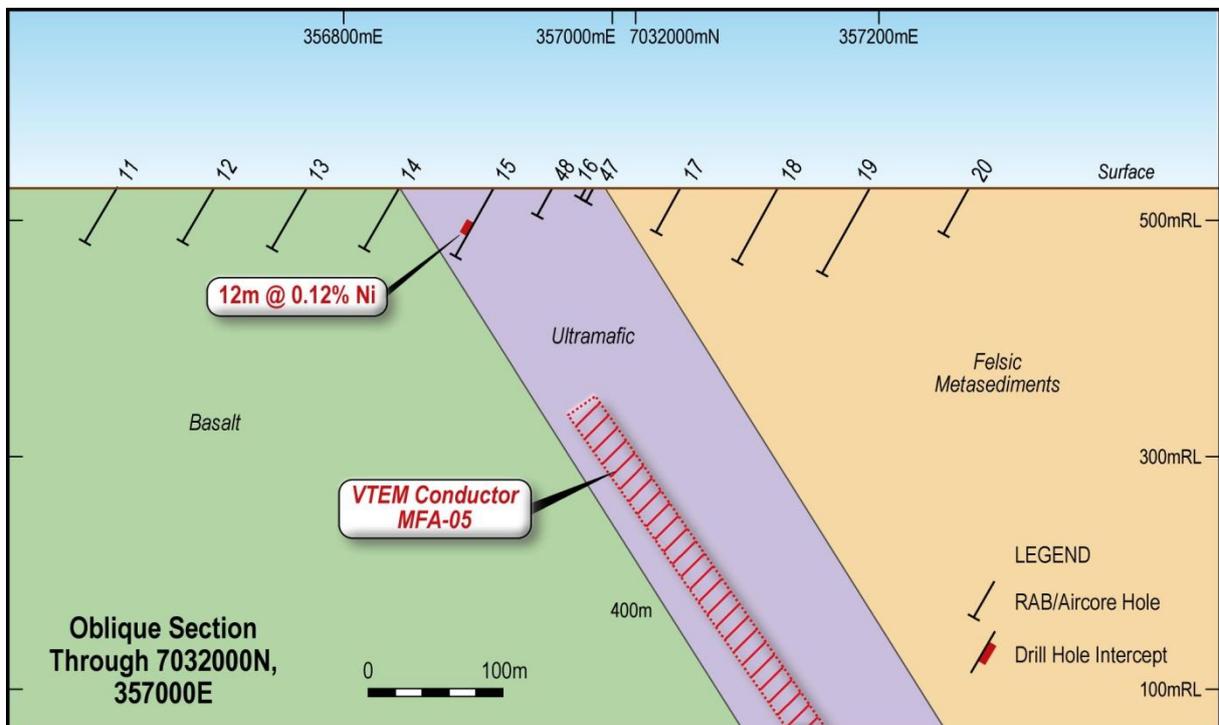


Figure 2: RAB/Aircore Drill Section, Fisher East, looking NW

## About Rox Resources

Rox Resources (ASX: RXL) is an Australian exploration company with three key projects: the Mt Fisher Gold project in Western Australia, and the Myrtle zinc-lead project and Marqua phosphate projects, both located in the Northern Territory.

At **Mt Fisher**, Rox has acquired a highly prospective area of 485 km<sup>2</sup>, well endowed with **gold**, and with strong potential for **nickel**, only 40km to the east of the prolific Yandal greenstone belt and 100km east of the main Wiluna greenstone belt. In addition Rox has an Option to acquire a further area of 170 km<sup>2</sup>, including the Mt Fisher gold mine which has produced ~ 4,500 ozs of gold from historic underground mining and 22,500 ozs of gold from open pit mining, and is open at depth and down plunge. The total area under exploration by Rox at Mt Fisher is 655 km<sup>2</sup>.

Initial drilling by Rox during 2011 has allowed a JORC compliant Measured, Indicated and Inferred Mineral Resource of **973,000 tonnes grading 2.75 g/t gold** to be defined for **86,000 ounces of gold** (Measured: 171,900 tonnes grading 4.11 g/t Au, Indicated: 204,900 tonnes grading 2.82 g/t Au, Inferred: 596,200 tonnes grading 2.34 g/t Au).

Three parallel structures at the Dam-Dirks prospect define a 7km long gold-in-regolith anomaly which is largely untested at depth, and which already hosts the 54,000 ounce Damsel gold deposit. There are numerous high grade drill results over the project area including 1m @ 187 g/t Au and 3m @ 67 g/t Au at the Moray Reef prospect where a high grade resource of 8,000 ounces grading 7.5 g/t Au has been defined. At the Mt Fisher mine a 25,000 ounce resource has been defined beneath the old open pit.

Rox has signed an earn-in and joint venture agreement with Teck Australia Pty Ltd. ("Teck") to explore its **Myrtle/Reward zinc-lead** project tenements which cover 669 km<sup>2</sup> adjacent to the world-class McArthur River zinc-lead deposit in the Northern Territory. The terms of the earn-in require Teck to spend \$5 million by 31 August 2014 to earn an initial 51% interest, and Teck can increase its interest in the project to 70% by spending an additional \$10 million (\$15 million in total) over an additional 4 years.

A SEDEX style deposit has been identified by Rox at the Myrtle prospect, where a JORC compliant Indicated and Inferred Mineral Resource of **43.6 million tonnes grading 4.09% zinc and 0.95% lead** has been delineated (Indicated: 5.8 million tonnes grading 3.56% Zn and 0.90% Pb, Inferred: 37.8 million tonnes grading 4.17% Zn and 0.95% Pb). A higher grade core of **15.3 million tonnes grading 5.45% zinc and 1.40% lead** (Indicated: 1.2 million tonnes grading 5.38% Zn and 1.42% Pb, Inferred: 14.1 million tonnes grading 5.45% Zn and 1.39% Pb) is present, and a large mineralised system is indicated.

Historic drill intercepts of sediment-hosted mineralisation exist at the Teena prospect, including **11.3m @ 10.9% Zn+Pb** and **8.6m @ 9.84% Zn+Pb**. Further drilling to test the mineralisation at Teena is expected. Several other prospects in the tenement area have potential but are at an early stage of exploration.

Rox also owns 100% of the **Marqua phosphate** project in the Northern Territory located 300km south-west of Mt Isa. A 30 km long strike length of phosphate bearing rocks has been identified by surface sampling (up to 39.4% P<sub>2</sub>O<sub>5</sub>) and drilling (including 6m @ 19.9% P<sub>2</sub>O<sub>5</sub> and 5m @ 23.7% P<sub>2</sub>O<sub>5</sub>), and there is the potential for a sizeable phosphate resource to be present. The project is located only 250 km from the nearest railhead and gas pipeline at Phosphate Hill and covers ~ 1,900 km<sup>2</sup>.

*The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Ian Mulholland BSc (Hons), MSc, FAusIMM, FAIG, FSEG, MAICD, who is a Fellow of The Australasian Institute of Mining and Metallurgy and a Fellow of the Australian Institute of Geoscientists. Mr Mulholland 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, Mineral Resources and Ore Reserves". Mr Mulholland is a full time employee of the Company and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*