

ASX/MEDIA RELEASE

6 February 2013

## EM SURVEY & DRILLING UPDATE ON FISHER EAST NICKEL SULPHIDE PROJECT

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### Highlights

- Five (5) of eight (8) ground EM survey loops now completed
  - Initial reports confirm anomalies
  - RC & Diamond drilling to commence shortly
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Rox Resources Limited (**ASX: RXL**) (“Rox” or “the Company”) is pleased to announce that its ground electromagnetic (EM) survey at the Fisher East Nickel Sulphide Project (Figures 1 & 2) is well advanced, with five of eight loops completed and the remainder of the program expected to be completed within the next fortnight.

Rox Managing Director, Ian Mulholland said, “*The initial results from the EM survey loops that have been completed so far are highly encouraging. The strong EM conductors at Camelwood, Corktree and Silverbark have all been confirmed. We will know more once the EM survey has been completed and the report finalised, however in the meantime we intend to start drilling this week.*”

A Reverse Circulation (RC) and a diamond core drill rig are being mobilised this week for the next round of drilling at Fisher East. The planned drilling will test for along strike and down dip extensions of the previously reported RC intersections at Camelwood and test other conductors identified by the current ground EM survey.

**ENDS**

### For more information:

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Figure 1: Fisher East Nickel Project Location

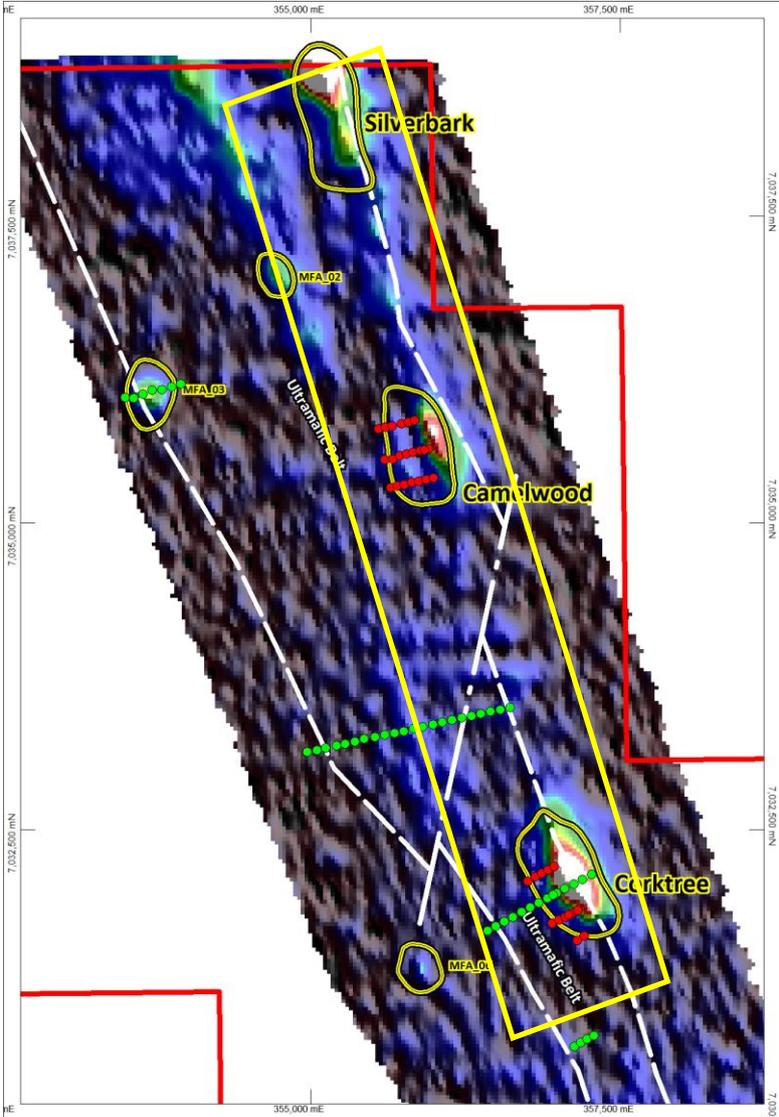


Figure 2: Fisher East Ground EM program schematically showing the general coverage of the 8 ground EM loops in yellow

## About Rox Resources

Rox Resources Limited is an emerging Australian minerals exploration company. The company has four key assets at various levels of development with exposure to gold, nickel, zinc, lead, copper and phosphate, including the Mt Fisher Gold Project (WA), Myrtle/Reward Zinc-Lead Project (NT), the Bonya Copper Project (NT) and the Marqua Phosphate Project (NT).

### Myrtle/Reward Zinc-Lead Project (Farm-out Agreement)

Rox has signed an Earn-In and Joint Venture Agreement with Teck Australia Pty Ltd. (“Teck”) to explore its 670km<sup>2</sup> Myrtle/Reward zinc-lead tenements, located 700km south-east of Darwin, Northern Territory. The Myrtle deposit has a current Inferred Mineral Resource of **43.6 Mt @ 5.04% Zn+Pb** (Indicated: 5.8 Mt @ 3.56% Zn, 0.90% Pb; Inferred: 37.8 Mt @ 4.17% Zn, 0.95% Pb). 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**. Under the terms of the agreement, Teck are required to spend A\$5m by 31 August 2014 to earn an initial 51% interest. Teck can increase its interest in the project to 70% by spending an additional A\$10m (A\$15m in total) over an additional 4 years.

### Mt Fisher Gold Project (100% + Option)

The Mt Fisher gold project is located in the highly prospective North Eastern Goldfields region of Western Australia and in addition to being well endowed with gold the project hosts a strong potential for nickel. The total project area is 655km<sup>2</sup>, consisting of a 485km<sup>2</sup> area 100% owned by Rox and an Option to purchase 100% of a further 170km<sup>2</sup>. Initial drilling by Rox has defined numerous high-grade targets and defined a 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). Recent RC drilling at the Camelwood prospect intersected **semi-massive and strongly disseminated nickel sulphide mineralisation** in five holes along a 300m strike length and to 200m depth, including **4m @ 2.0% Ni** and **20m @ 1.1% Ni**, with the mineralisation open in all directions.

### Bonya Copper Project (Farm-in Agreement)

In October 2012 Rox signed a Farm-in Agreement with Arafura Resources Limited to explore the Bonya Copper Project located 350km east of Alice Springs, Northern Territory. Outcrops of visible copper grading up to 34% Cu and 27 g/tAg are present. Under the agreement, Rox can earn a 51% interest in the copper, lead, zinc, silver, gold, bismuth and PGE mineral rights by spending \$500,000 within the first two years. Rox can elect to earn a further 19% (for 70% in total) by spending a further \$1 million over a further two years. Once Rox has earned either a 51% or 70% interest it can form a joint venture with Arafura to further explore and develop the area.

### Marqua Phosphate Project (100%)

Rox owns four tenements covering approximately 1,900 km<sup>2</sup> in the Northern Territory which comprise the Marqua Phosphate project. The project has the potential for a sizeable phosphate resource to be present, with surface sampling returning values 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>) confirming a 30km strike length of phosphate bearing rocks. In addition to phosphate, there is also potential for lead-zinc mineralisation. The project is located 300km south-west of Mt Isa, and is situated 250km from the nearest railhead and gas pipeline at Phosphate Hill.

### Competent Person Statement:

*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.*