

ASX/MEDIA RELEASE

15 February 2013

## MASSIVE SULPHIDES IN FIRST DIAMOND HOLE

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### Highlights:

- **Massive to semi-massive sulphides intersected over 3.1 metres in the first diamond drill hole at Camelwood**
  - **Nickel sulphide mineralised system extended to 300m vertical depth and 500m along strike, and remains open at depth and along strike**
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Rox Resources Limited (**ASX: RXL**) ("**Rox**" or "**the Company**") is pleased to announce that the first diamond hole drilled at its Fisher East nickel sulphide project, located 450 km north of Kalgoorlie, Western Australia (Figure 1) has intersected **massive to semi-massive and disseminated sulphides over a 6.0 metre down hole interval**.

The first diamond drill hole at the Camelwood prospect, MFED001, was drilled 50 metres down dip from RC hole MFEC002 (Figures 2 and 3) and intersected 6 metres of sulphide mineralisation comprising **3.1 metres of massive to semi-massive sulphide mineralisation (282.8 – 285.9m) followed by 2.9 metres of strongly disseminated sulphide mineralisation (285.9 – 288.8m)** (Figure 4).

Commenting on the drilling Managing Director Ian Mulholland said, *"This is a very positive and significant result. To date we have drilled 7 RC holes and now one diamond hole at Camelwood with all hitting sulphide mineralisation. It confirms that the Camelwood discovery represents significant nickel-bearing sulphide mineralisation down to at least 300 metres vertical below surface and at least 500 metres along strike. This indicates a large body of mineralisation that is still open at depth and along strike."*

It is anticipated that laboratory analyses will be available in about 4 weeks after core logging and cutting are carried out.

Drilling is continuing at Fisher East with an RC drilling rig testing strike extensions to Camelwood and other EM anomalies in the area, and a diamond drilling rig testing the large EM conductor and depth extensions at Camelwood.

**\*\*\* ENDS \*\*\***

**For more information:**

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*Figure 1: Mt Fisher Project Location*

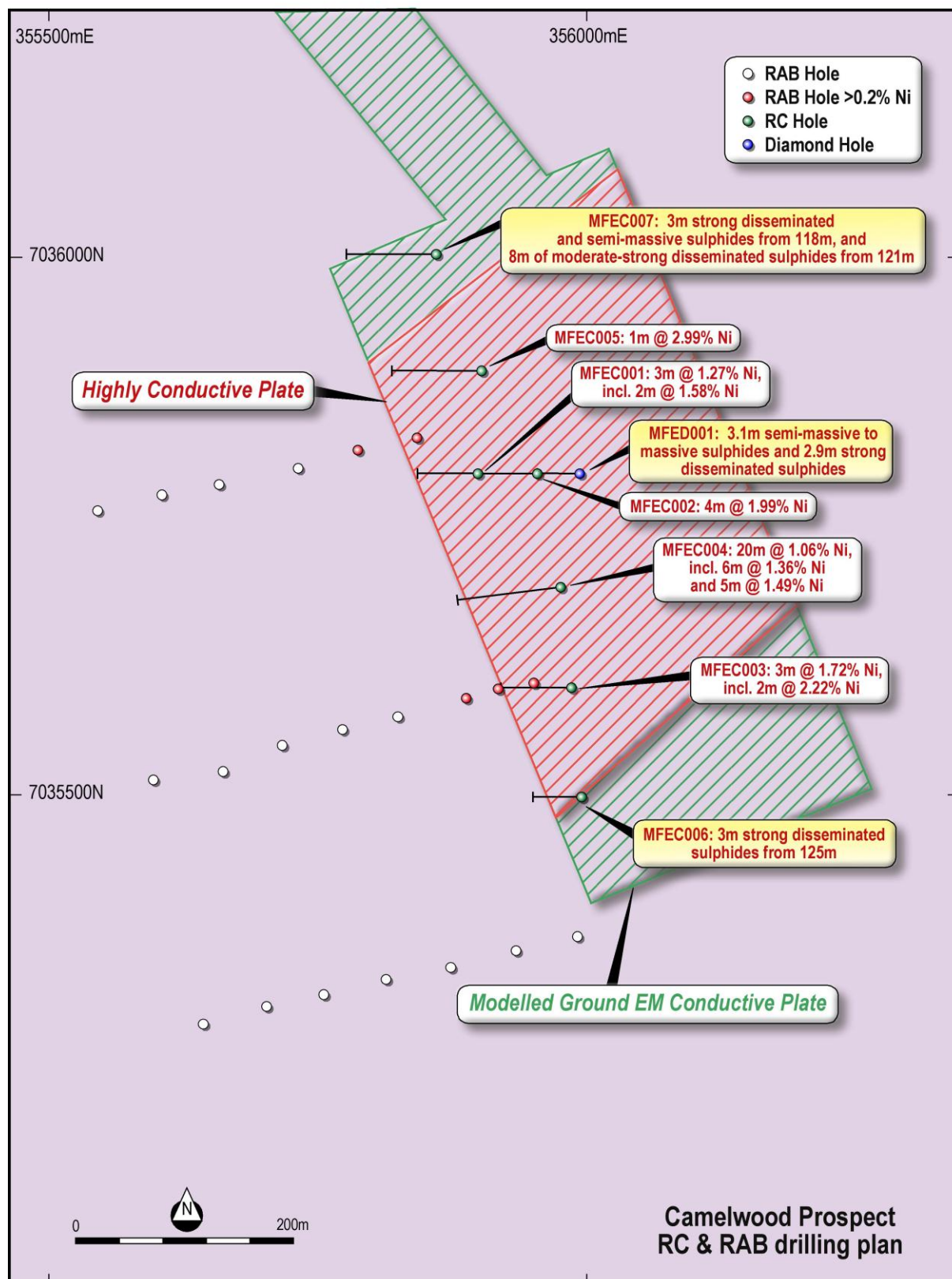


Figure 2: Camelwood Prospect Drill Plan

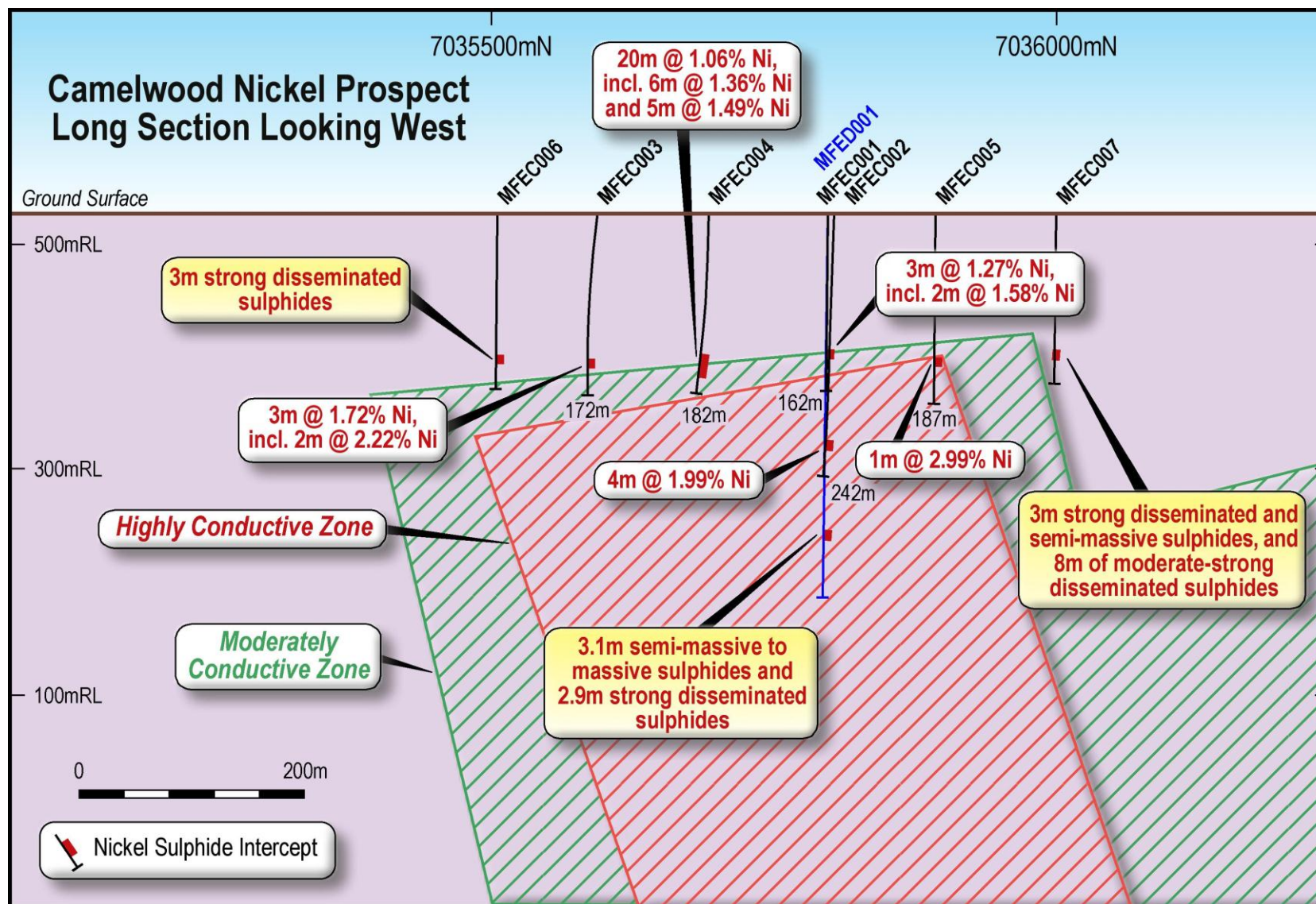


Figure 3: Camelwood Prospect Long Section



Figure 4: Core Photos

## 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).

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

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.

### 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.

### Bonya Copper Project (Farm-in Agreement to earn up to 70%)

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/t Ag 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.*