

11 December 2012

NUMEROUS COPPER PROSPECTS IDENTIFIED AT BONYA

Highlights

- Recent rock chip samples return values up to **32.9% Cu, 54.8 g/t Ag, 0.64 g/t Au**
 - New zones identified and several known prospects confirm outcropping oxide copper mineralisation, located over 20km of strike
 - Drilling planned for first half of 2013
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Rox Resources Limited (**ASX: RXL**) ("**Rox**") is pleased to announce that results from its recent rock chip exploration program at the Bonya copper project has identified new, and confirmed several previously identified copper prospects. The project is located 350km east of Alice Springs, NT (Figure 1), and Rox is earning an interest through a Farm-in Agreement with Arafura Resources Limited.

Regionally, the copper mineralisation occurs within the Bonya Schist which also hosts the Jervois copper deposits some 20km to the east (*Mineral Resource of 13.5 Mt @ 1.3% Cu, 25 g/t Ag – ASX:KGL 7 November 2012*).

At Bonya and several other prospects there are old workings with small stockpiles of copper oxide ore. These stockpiles were generated in the 1950's and 1960's when the copper oxide ore was being collected for use as flux in the Mount Isa copper smelter. Transport of this material stopped abruptly when the copper price fell and the ore stockpiles were abandoned. It appears that there has been no drilling at or below any of these old workings.

Samples of outcropping oxide (malachite, azurite) and sulphide (chalcocite) copper mineralisation have been collected from these numerous old workings within the western tenement area (Figure 2), with rock chip assay results up to **32.9% Cu, 54.8 g/t Ag, and 0.64 g/t Au**. Full results are included in Table 1.

The most significant prospects identified to date include:

- Green Hoard, where a large historic trench 80m long, 4m wide and 2m deep, and several stockpiles of copper oxide and sulphide ore were found (Figures 3 & 4),
- Ashmara, where old diggings were found (Figure 5),
- Kings Legend, where a trench and shaft are present,
- Green Goanna, where an old shaft was found,
- White Violet, where several large trenches and extensive oxide copper mineralisation over a 200m strike length was found (Figure 6),
- Fat Cow, where stockpiled (drummed) oxide ore was found (Figure 7), and
- Goat, where outcrop of copper oxide was observed (Figure 8).

These are in addition to the old workings at Bonya that have previously been reported.

Rox Managing Director, Ian Mulholland said *“We are excited by these new finds of outcropping oxide copper mineralisation because they demonstrate the outstanding prospectivity of the tenements over an extensive area. To have so many copper occurrences augers well for our success in locating further significant copper deposits here”*.

Recently Rox raised \$1.4 million in a share purchase plan, and these funds will be partly directed to exploration at Bonya. The next stage of exploration at Bonya will involve geochemical and geophysical surveys over areas of demonstrated copper outcrop or anomalism. Drilling of targets generated is planned to take place in the first half of 2013.

Rox can earn a 51% interest in the copper, lead, zinc, silver, gold, bismuth and PGE mineral rights over the tenement by spending \$500,000 within the first two years, with a minimum expenditure of \$150,000 in the first year. 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. All of the Conditions Precedent required in the Farm-in Agreement have now been satisfied.

ENDS

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Table 1: Rock Chip Results

Sample	Prospect	Type	East	North	Cu%	Pb ppm	Zn ppm	Ag g/t	Au g/t	Bi ppm
BRX001	Bonya	outcrop	608996	7486923	19.80	20	12	54.8	0.12	428
BRX002	White Violet	dumps	609650	7485950	3.40	11	16	<0.5	0.22	16
BRX003	White Violet	dumps	609650	7485950	4.82	8	82	9.2	0.01	97
BRX004	Kings Legend	outcrop	614790	7480681	16.95	19	115	9.9	0.08	15
BRX005	Bonya North	outcrop	609922	7487591	0.98	10	60	2.1	<0.01	1935
BRX006	Bonya North	outcrop	609922	7487591	0.77	6	59	1.3	<0.01	424
BRX007	Green Hoard	dumps	599780	7496100	13.00	21	84	50.8	0.07	1535
BRX008	Green Hoard	dumps	599780	7496100	32.90	222	285	7.6	0.10	43
BRX009	Green Hoard	dumps	599780	7496100	1.25	7	23	2.6	0.19	71
BRX010	Ashmara	outcrop	611672	7489530	2.09	9	41	1.8	0.02	17
BRX011	Green Goanna	outcrop	610300	7489230	7.72	7	243	7.3	0.64	33
BRX012	Green Goanna	outcrop	610384	7489275	1.88	8	11	2.3	0.14	27
BRX013	White Violet	outcrop	609622	7485966	1.69	4	34	1.3	0.03	9
BRX014	Fat Cow west	outcrop	609165	7490226	1.13	44	40	0.7	0.03	199
BRX015	Fat Cow	dumps	609248	7490213	2.70	28	74	2.4	0.02	182
BRX016	Fat Cow	outcrop	609349	7490245	4.08	32	19	2.2	0.01	83
BRX017	Kings Legend	outcrop	614679	7480462	2.33	11	169	1.0	0.54	357
BRX018	Goat	outcrop	608413	7490148	1.43	65	25	1.2	0.01	19
BRX019	Way Home	outcrop	614070	7485130	2.97	6	129	1.6	0.05	14
BRX020	Qtz Vein	outcrop	614092	7485094	0.08	6	17	0.9	<0.01	<2

Notes: Assays completed by ALS Chemex using a four acid digest followed by Inductively Couple Plasma (method ICP61) for Cu, Pb, Zn, and Ag, and Fire Assay (method AA26) for Au. Cu >1% by method OG62.

Sample locations Grid GDA94, zone 53



Figure 1: Project Location

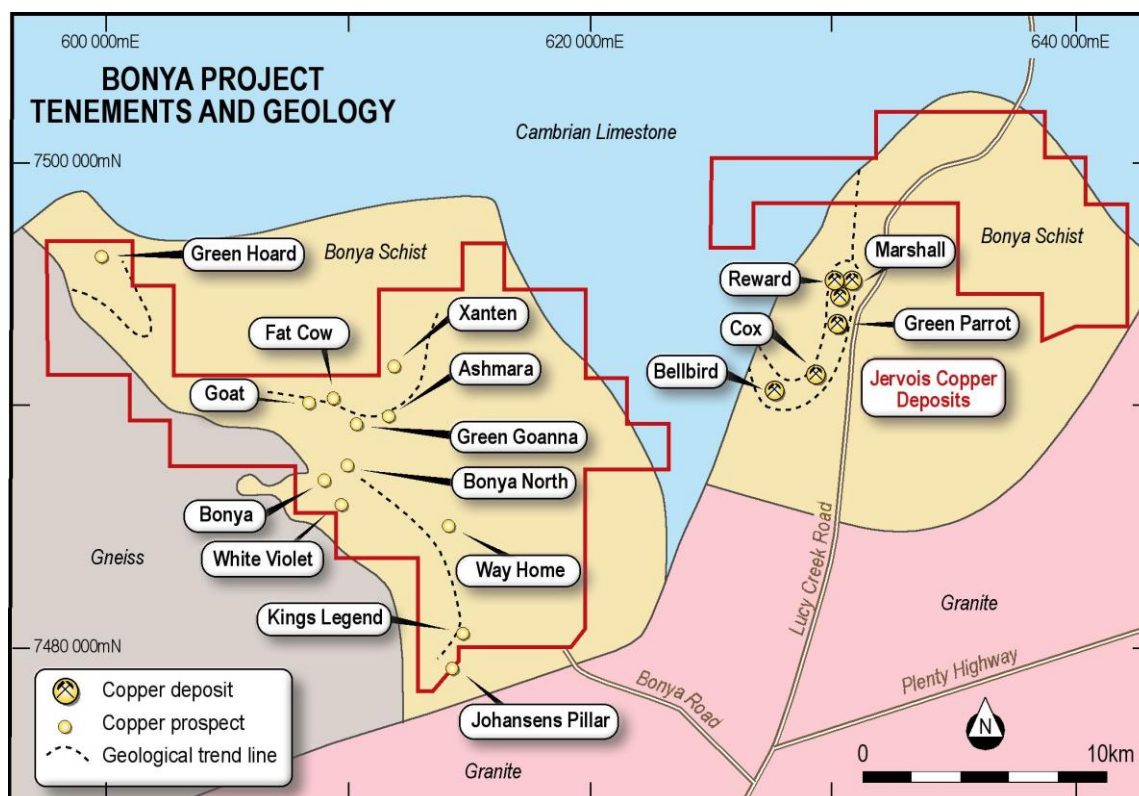


Figure 2: Prospect Locations



Figure 3: Green Hoard Trench (green copper staining on right hand wall of trench)



Figure 4: Green Hoard Ore Stockpiles

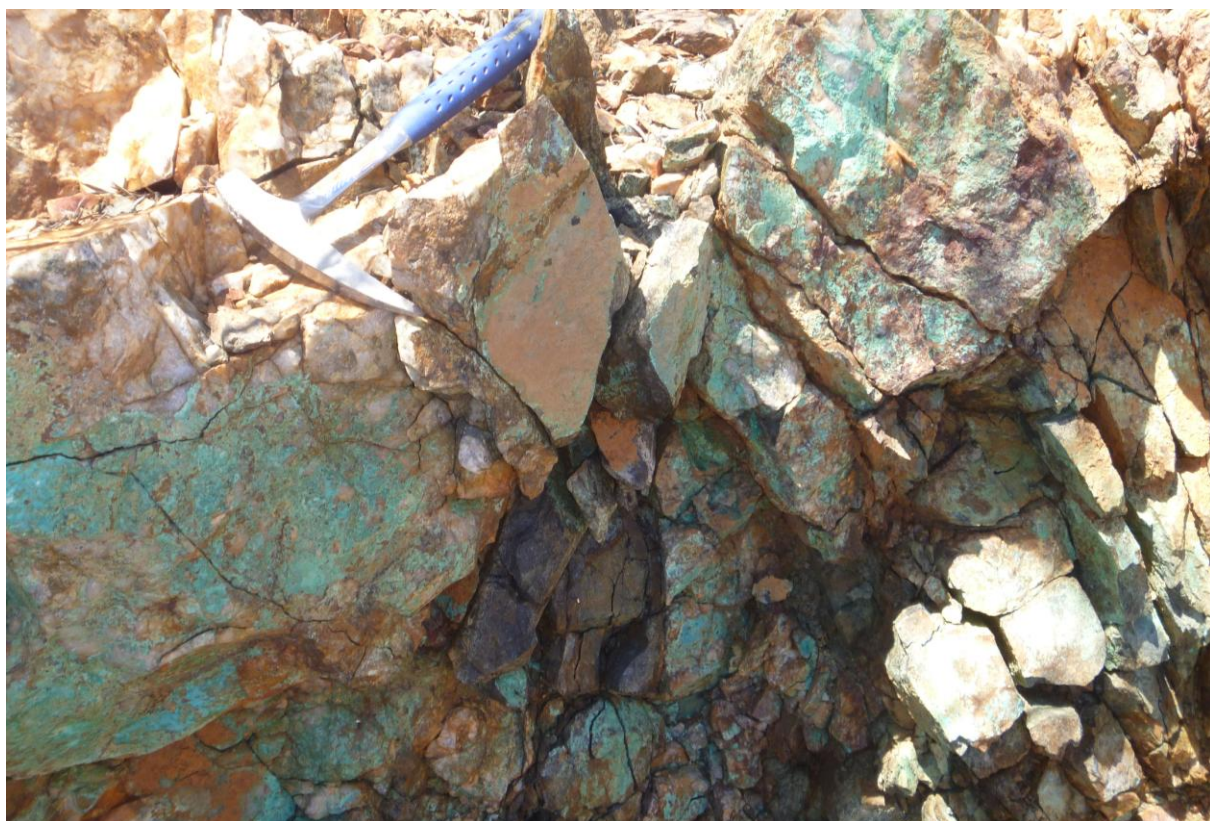


Figure 5: Ashmara



Figure 6: White Violet



Figure 7: Fat Cow



Figure 8: Goat

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 670km² 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**. Teck is required to spend A\$5m by 31 August 2014 to earn an initial 51% interest, and can increase its interest to 70% by spending an additional A\$10m (A\$15m in total) over an additional 4 years.

Mt Fisher Gold-Nickel 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 655km², consisting of a 485km² area 100% owned by Rox and an Option to purchase 100% of a further 170km². 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).

A VTEM survey by Rox in 2011 identified a number of strong EM conductors along the Fisher East ultramafic belt and RAB drilling by Rox in 2012 defined nickel geochemical anomalies over two of these VTEM anomalies. Ground EM surveys are currently underway prior to drilling by the end of 2012.

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 33% Cu and 55 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 km² 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% P₂O₅ and drilling (including 6m @ 19.9% P₂O₅ and 5m @ 23.7% P₂O₅) 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.