Rox Resources Limited

ASX: RXL

Address:
Level 1
30 Richardson Street
WEST PERTH WA 6005

PO Box 1167
West Perth WA 6872

Ph: (61 8) 9226 0044
Fax: (61 8) 9325 6254

Email:
admin@roxresources.com.au

Web:
www.roxresources.com.au

ABN: 53 107 202 602

Projects:

Mt Fisher: nickel-gold (100%)

Reward: zinc-lead (49%)

Bonya: copper-silver (earning up to 70%)

Marqua: phosphate (100%)

STRIKE LENGTH AT TEENA EXTENDED TO OVER 1KM

- **Fourth hole at Teena intersects shallower mineralisation at a depth of 676m (down hole)**
- **14.9m @ 10.4% Zn+Pb, including**
  - **4.5m @ 11.4% Zn+Pb, and**
  - **6.0m @ 14.6% Zn+Pb**
- **Mineralisation now extended to at least 1km strike length**
- **High grade mineralisation intersected on southern limb of synclinal keel**
- **Mineralisation now intersected over a vertical range from 450m to over 1,100m**
- **Mineralisation yet to be closed off**

Rox Resources Limited (**ASX: RXL**) ("**Rox**" or "**the Company**") is pleased to announce further drilling results from the Teena zinc-lead prospect located 10km west of the McArthur River zinc-lead mine in the Northern Territory (Figure 1).

The fourth hole drilled at the Teena prospect this year, TNDD012, was drilled some 1km west of the first hole drilled in the current campaign and has intersected several zones of high grade zinc and lead mineralisation, including:

34.0m @ 7.5% Zn+Pb from 671.0m, including

14.9m @ 10.4% Zn+Pb from 676.0m, including

4.5m @ 11.4% Zn+Pb from 676.0m, and

6.0m @ 14.6% Zn+Pb from 684.9m

Full results are listed in Table 1, and the hole location is shown in Figure 2.

Rox Managing Director, Mr Ian Mulholland said, "*This intersection is the shallowest so far in this year's drilling at 676m (down hole). In conjunction with the results previously released this confirms the significance of the Teena zinc discovery, which is evolving as one of the best zinc discoveries in Australia for many years.*"

"Our partner at Reward, Teck Australia Pty Ltd ("Teck"), has shown great confidence in the project by completing its initial 51% earn-in this year and electing to proceed to spend a further $10 million to increase its interest to 70%."

The drilling completed at the Teena prospect indicates that the mineralisation occurs in a syncline that extends for at least 1.5km in strike length in an east-west direction (remaining open along strike) (Figure 2) and plunges to the east. The highest grade mineralisation seems to occur in the keel of this syncline; interpreted as the deepest part of the depositional basin, with grades exceeding 13% Zn+Pb over significant intervals of greater than 20m.

The latest hole, TNDD012, has penetrated the southern limb of the syncline intersecting the main zone of mineralisation from a depth of 676.0m (down hole). This is a shallower depth than the other holes which were targeted more towards the axis of the keel of the syncline (see Figure 2). This is an important development in our drilling at Teena as it indicates that significant mineralisation not only occurs within the keel of the prospect but also extends up its flanks.

Based on drill hole structural measurements a better understanding of the geometry of the deposit is emerging, with holes TNDD009 and TNDD011 likely intersecting mineralisation just on the northern side of the syncline, hole TNDD012 the southern side, and hole TNDD010 probably intersecting in the keel.

Mineralisation at Teena has now been defined by drilling:

1. Over vertical depths ranging from 450m in historic hole Teena 7 (3.8m @ 6.8% Zn+Pb from 451.2m) to around 1,100m in hole TNDD009 (26.4m @ 13.3% Zn+Pb from 1,060.1m);
2. Over a strike length of 1.5km (the distance from Teena 4A to Teena 6) and open to the west from holes Teena 6 and TNDD012 (Figure 2). Mineralisation also appears to be trending closer to surface in a westerly direction; and
3. Over a north south distance across the synform of at least 500m, but the distance around the axis of the syncline (taking into account the folded nature of the stratigraphy) could be closer to 800m.

Teck has advised that drilling has been completed for 2013 and that further geological interpretation together with the planning of drill programs for 2014 will comprise the work program for the balance of the year.

IAN MULHOLLAND
Managing Director

For more information:

Shareholders
Ian Mulholland
Managing Director
Tel: +61 8 9226 0044
admin@roxresources.com.au

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

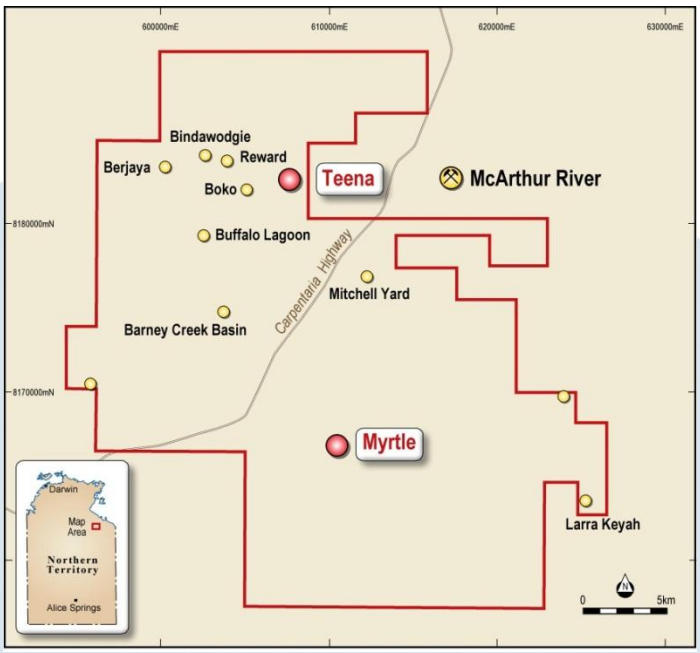

Figure 1: Tenement and Prospect Map

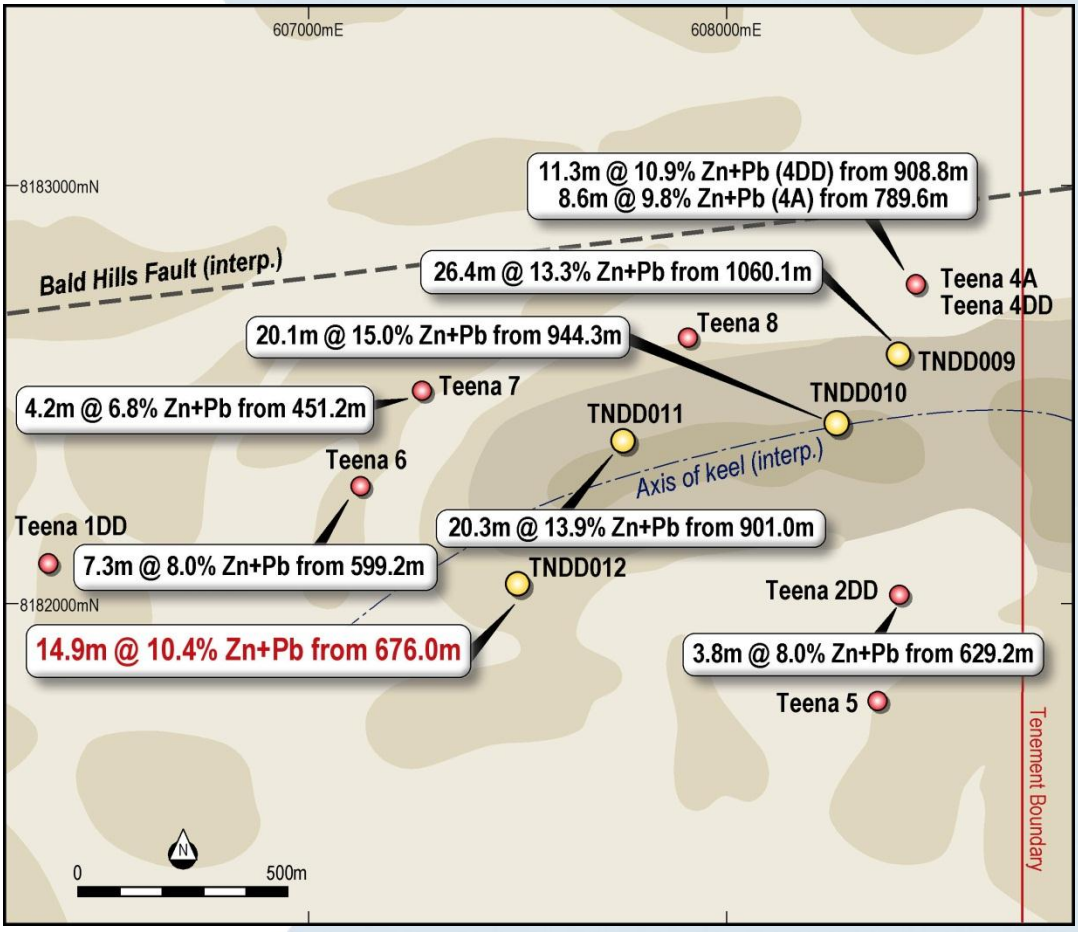

Figure 2: Teena Drill Hole Intercept Locations. Historic hole intercepts (horizontal position above subsurface intersection) are shown in red. Intercepts from drill holes in the current program are shown in yellow (horizontal position above subsurface intersection). The map shading represents interpretation of outcropping geology. The intersections in holes Teena 2DD and Teena 6 are about 1.3km apart, while the intersections in holes Teena 2DD and Teena 4DD are about 800m apart.

Table 1: Teena Diamond Drilling Results

Hole	North	East	RL	From	To	Interval	Zn%	Pb%	Zn+Pb%	Ag ppm
TNDD009	8182793	608474	72	1012.0	1018.0	6.0	2.81	0.36	3.16	3.2
And				1020.6	1039.0	18.4	3.14	0.56	3.69	2.0
Including				*1022.0*	*1024.0*	*2.0*	*4.87*	*0.80*	*5.67*	*3.2*
Including				*1028.0*	*1031.0*	*3.0*	*4.59*	*0.77*	*5.37*	*2.9*
And				1049.0	1056.0	7.0	4.83	0.57	5.40	0.7
And				1060.1	1086.5	26.4	11.59	1.73	13.32	0.8
Including				*1060.1*	*1068.2*	*8.1*	*7.74*	*0.98*	*8.71*	*0.6*
And including				*1070.3*	*1086.5*	*16.2*	*14.91*	*2.32*	*17.23*	*1.0*
Including				*1071.0*	*1079.0*	*8.0*	*18.36*	*2.87*	*21.24*	*0.9*
And				1089.5	1092.3	2.8	3.50	0.42	3.92	0.7
And				1121.0	1127.9	6.9	7.97	0.95	8.92	1.0
Including				*1121.0*	*1126.0*	*5.0*	*9.48*	*1.21*	*10.70*	*1.1*
And				1276.1	1281.0	4.9	2.89	0.91	3.81	2.0
Including				*1278.1*	*1281.0*	*2.9*	*3.77*	*1.22*	*4.99*	*2.9*
TNDD010	8182661	608278	75	908.0	925.1	17.1	2.55	0.46	3.01	
Including				*915.0*	*917.0*	*2.0*	*4.96*	*0.96*	*5.92*	
And				935.0	941.0	6.0	4.63	0.58	5.21	
And				944.3	964.4	20.1	13.01	2.03	15.04	
Including				*951.5*	*964.0*	*12.5*	*16.78*	*2.68*	*19.46*	
Including				*954.0*	*959.0*	*5.0*	*21.80*	*3.62*	*25.42*	
And				972.7	974.4	1.7	4.15	0.67	4.82	
And				988.8	996.6	7.8	7.43	1.28	8.71	
Including				*988.8*	*995.0*	*6.2*	*8.50*	*1.48*	*9.98*	
Including				*988.8*	*992.0*	*3.2*	*10.73*	*2.00*	*12.73*	
And				1116.0	1119.0	3.0	3.19	1.05	4.24	
And				1124.0	1133.7	9.7	4.04	1.61	5.65	
Including				*1125.4*	*1128.2*	*2.9*	*7.64*	*2.70*	*10.35*	
Including				*1125.4*	*1127.0*	*1.7*	*8.76*	*3.04*	*11.80*	
And				1149.0	1151.0	2.0	2.09	0.72	2.81	
And				1157.0	1166.0	9.0	2.54	0.93	3.47	
And				1169.0	1191.0	22.0	3.09	0.81	3.90	
Including				*1177.0*	*1179.0*	*2.0*	*4.07*	*1.45*	*5.52*	
And				1212.2	1232.0	19.8	2.13	0.57	2.70	
And				1244.0	1246.0	2.0	3.38	0.07	3.45	
And				1251.0	1255.0	4.0	2.81	0.07	2.88	
TNDD011	8182035	607877	79	896.0	898.6	2.6	3.97	0.44	4.41	
And				901.0	921.3	20.3	11.99	1.87	13.89	
Including				*905.0*	*921.3*	*16.3*	*14.26*	*2.25*	*16.51*	
Including				*907.1*	*921.3*	*14.2*	*15.83*	*2.53*	*18.36*	
And				937.3	943.0	5.7	7.58	0.98	8.57	
Including				*937.3*	*939.0*	*1.7*	*11.06*	*2.13*	*13.18*	
TNDD012	**8182035**	**607500**	**75**	**671.0**	**705.0**	**34.0**	**6.53**	**0.98**	**7.51**	
Including				***676.0***	***690.9***	***14.9***	***9.08***	***1.33***	***10.41***	
Including				***676.0***	***680.5***	***4.5***	***10.00***	***1.37***	***11.37***	
And				***684.9***	***690.9***	***6.0***	***12.55***	***2.02***	***14.58***	
And				**807.1**	**826.0**	**18.9**	**2.75**	**0.74**	**3.49**	
And				**836.2**	**848.0**	**11.8**	**2.78**	**0.56**	**3.34**	

Hole Collar Coordinates

Hole	North	East	RL	Dip	Azimuth	Total Depth (m)
TNDD009	8182793	608474	70	-80	175	1302.0
TNDD010	8182661	608278	75	-75	174	1383.3
TNDD011	8182035	607877	79	-70	340	1221.6
TNDD012	**8182000**	**607500**	**75**	**-85**	**355**	**1005.8**

Notes:

- New results shown in **bold**.
- Grid coordinates GDA94: Zone 53, Collar positions & RL's determined by hand held GPS.
- Correct projected average lateral positions of down hole intercepts are shown on the Figures.
- Hole dip and azimuth determined at collar by compass and clinometer.
- Diamond drilling by NQ diamond core, with core cut in half and sampled to either logged significant geological boundaries or even 1 metre intervals. Core recovery generally exceeded 98%.
- Duplicate core samples were quarter cut.
- Diamond drill samples weighed in water and air to determine bulk density.
- Cut core samples were crushed to nominal 2mm size, then a 3kg split pulverised to nominal 85% passing 75um.
- Samples sent to Bureau Veritas, Mount Isa, with assay by oxidative fusion with XRF analysis (XF001). This method is considered to completely extract Pb and Zn and is a ISO17025 certified method.
- 3 Certified Reference Materials that range from low grade to high grade Zn (30%) were included in the dispatch at a rate of at least 1 sample in 20, with a higher frequency in mineralized intervals. Field duplicates were included in the dispatch and were sent to the laboratory blind. Blanks were included in the dispatch at a rate of 1 in 40 samples.
- All quality control data has been assessed to be within an acceptable level of accuracy and precision.
- Independent assay verification has not yet been completed.
- Weighted average grade by sample interval quoted using a cut-off grade of 2.5% Zn+Pb over a minimum width of 2m, with up to 2m of internal dilution allowed. Internal higher grade zones are selected at a 5% Zn+Pb cut-off grade or higher.
- Reported intercepts may exceed the true width; no sampling bias is believed to have been introduced however. Based on structural measurements and downhole surveys, for hole TNDD009 true thickness is believed to be about 60% of downhole thickness, for hole TNDD010 true thickness is about 80% of downhole thickness, for hole TNDD011 true thickness is about 80% of downhole thickness, and for hole TNDD012 true thickness is about 60% of downhole thickness.

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-Nickel 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^2, consisting of a 485km^2 area 100% owned by Rox and an Option to purchase 100% of a further 170km^2.

Recent drilling at the Camelwood nickel prospect has intersected **semi-massive to massive and disseminated nickel sulphide mineralisation** in a number of holes along an 1,200m strike length and up to 500m depth, including **11.4m @ 2.9% Ni** and **6.2m @ 3.3% Ni**, with the mineralisation open in all directions.

Drilling by Rox has also defined numerous high-grade gold targets and a Measured, Indicated and Inferred Mineral Resource of **973,000 tonnes grading 2.75 g/t gold** exists 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).

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^2 Myrtle/Reward zinc-lead tenements, located 700km south-east of Darwin, Northern Territory.

The Myrtle deposit has a current JORC 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).

Recent drilling at the Teena prospect intersected **26.4m @ 13.3% Zn+Pb,** including **16.2m @ 17.2% Zn+Pb, and 20.1m @ 15.0% Zn+Pb,** including **12.5m @19.5% Zn+Pb**. Under the terms of the Agreement, Teck has now met the expenditure requirement for a 51% interest. Teck has elected to increase its interest in the project to 70% by spending an additional A$10m (A$15m in total) by 31 August 2018.

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 one tenement covering approximately 660 km^2 in the Northern Territory which comprises 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_2O_5 and drilling (including 6m @ 19.9% P_2O_5 and 5m @ 23.7% P_2O_5) confirming a 30km strike length of phosphate bearing rocks.

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.