ASX/MEDIA RELEASE

5 August 2013

HIGH GRADE ZINC DISCOVERY AT TEENA

Highlights

- **First drill hole intersected a 116m interval of variable mineralisation from 1,012m**
- **Multiple zones of mineralisation intersected above a 2.5% Zn+Pb cut-off**
- **26.4m @ 13.3% Zn+Pb, including**
    - **16.2m @ 17.2% Zn+Pb, including**
        - **8.0m @ 21.2% Zn+Pb**
- **Teena prospect hosts high-grade Sedex zinc-lead sulphide mineralisation similar to the McArthur River mine located 10km away**
- **Second hole, approximately 200m west of the first, has intersected visually similar mineralisation**
- **Drilling is ongoing with results to come**

Rox Resources Limited (**ASX: RXL**) ("**Rox**" or "**the Company**") is pleased to report spectacular results from the first hole of a drilling program currently underway at the Teena prospect located on the Reward zinc project in the Northern Territory (Figures 1 & 2).

The drilling program is being managed by Teck Australia Pty Ltd ("**Teck**") under an Earn-in Agreement with Rox, with Teck funding all drilling and other exploration costs.

The first hole drilled by Teck into the prospect, TNDD009 (Figures 3 & 4) has intersected a 116m interval of variable zinc and lead mineralisation from 1,102m, with multiple zones of mineralisation above a 2.5% Zn+Pb cut-off, (full results are listed in Table 1).

Rox Managing Director Ian Mulholland commented, "*This is a new discovery, potentially the most significant zinc discovery in Australia since CRA found the Century zinc deposit in the early 1990's. The cumulative thickness of mineralisation in the hole is comparable with the adjacent McArthur River zinc mine, and the grade of the 26.5m interval (13.3% Zn+Pb) is comparable to the published average grade of the McArthur River deposit (13.1% Zn+Pb)".*

Best results include;

26.4m @ 13.3% Zn+Pb from 1,060.1m, including
8.1m @ 8.7 Zn+Pb from 1,060.1m, and
16.2m @ 17.2% Zn+Pb from 1,070.3m, including
8.0m @ 21.2 Zn+Pb from 1,071.0m

and

6.9m @ 8.9% Zn+Pb from 1,121.0m, including

5.0m @ **10.7% Zn+Pb** from 1,121.0m

and

7.0m @ **5.4% Zn+Pb** from 1,049.0m

and

18.4m @ **3.7% Zn+Pb** from 1,020.6m, including
2.0m @ **5.7% Zn+Pb** from 1,022.0m, and
3.0m @ **5.4% Zn+Pb** from 1,028.0m

The style of mineralisation is stratiform "sedex" style zinc sulphide, with minor lead sulphide (Figure 5), which is highly significant due to the lateral continuity that this type of mineralisation generally exhibits.

The main section of mineralisation above the 2.5% Zn+Pb lower cut-off occurred between 1,012m and 1,128m down hole, with some interspersed barren sections. Complete assay results including minor elements such as silver (Ag) are still to be received.

Mr Mulholland added, "The intersection of 16.2m at 17.2% Zn+Pb exceeded our highest expectations, and that zone includes 8.0m at 21.2% Zn+Pb".

"These types of sedex deposits are typically large in size. Visual results from the second hole in the program being drilled some 200m west of the first hole are also very encouraging."

"I congratulate Teck for identifying and then pursuing this prospect, which is located just 10km west of the McArthur River zinc mine. With a 4,500m drilling program underway, I'm extremely confident of further drilling success."

The Teena prospect is located on Exploration Licence 23515 which Rox acquired from Legend International Holdings ("Legend") in September 2010. Legend retains the diamond rights on the tenement and is also entitled to a 2.5% net smelter royalty on any other minerals produced from the tenement.

Rox has signed an Earn-In and Joint Venture Agreement with Teck to explore the Reward project tenements. Under the terms of the agreement, Teck have an option to spend A$5 million by 31 August 2014 to earn an initial 51% interest. Teck can then elect to increase its interest in the project to 70% by spending an additional A$10 million (A$15 million in total) by 31 August 2018. To date Teck has expended approximately A$4 million.

ENDS

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Figure 1: Project Location

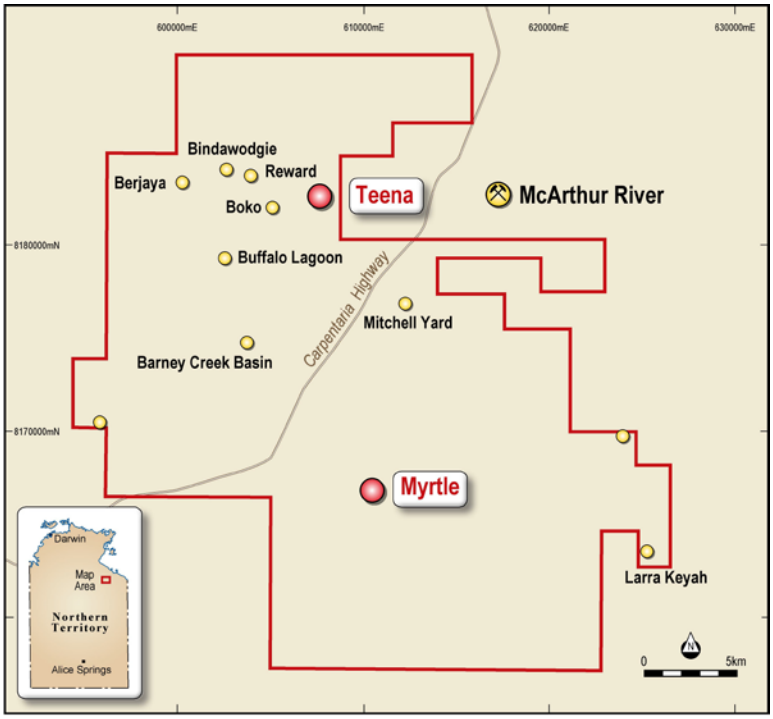

Figure 2: Tenement and Prospect Map

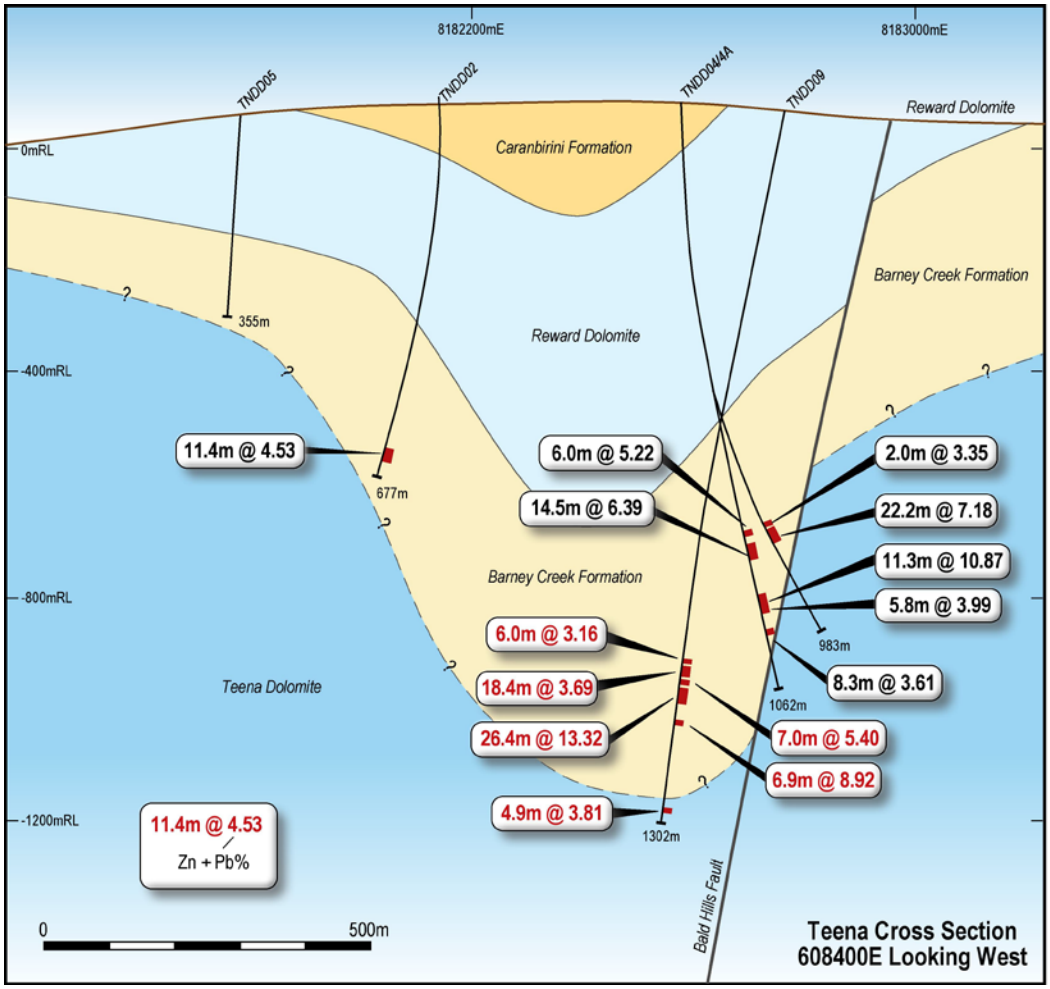

Figure 3: Interpreted Teena Cross-Section 608400E with new results from hole TNDD009 shown in red. Previous drilling results are shown in black. Geology is still largely interpretative.

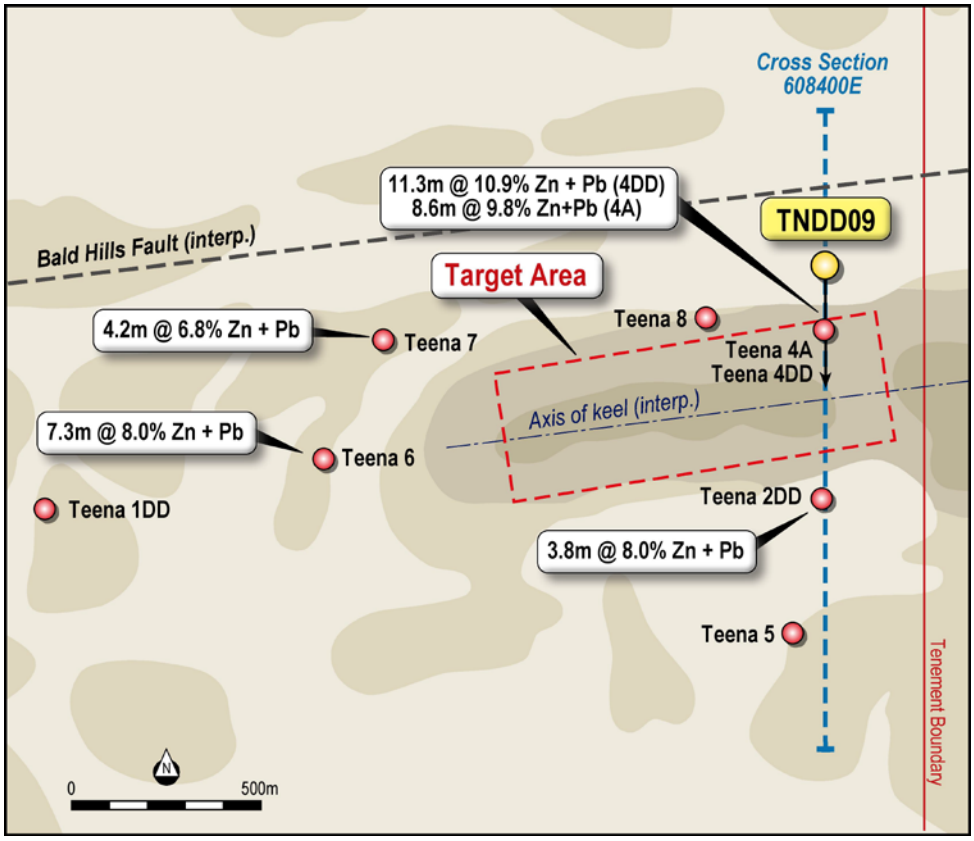

Figure 4: Teena Drill Hole Locations. Historic hole locations are shown in red with assay highlights. Location of new hole TNDD09 is shown in yellow. The potential extent of the basin is shown shaded to give a schematic impression only. For information, holes Teena 2DD and Teena 6 are about 1.2km apart.

Figure 5: Trays of high grade laminated/bedded zinc sulphide (brown colour) from hole TNDD009

Table 1: Teena Prospect Drill Results

Hole	North	East	RL	From	To	Interval	Zn%	Pb%	Zn+Pb%
TNDD009	8182793	608474	72	1012.0	1018.0	6.0	2.81	0.36	3.16
And				1020.6	1039.0	18.4	3.14	0.56	3.69
Including				*1022.0*	*1024.0*	*2.0*	*4.87*	*0.80*	*5.67*
Including				*1028.0*	*1031.0*	*3.0*	*4.59*	*0.77*	*5.37*
And				1049.0	1056.0	7.0	4.83	0.57	5.40
And				1060.1	1086.5	26.4	11.59	1.73	13.32
Including				*1060.1*	*1068.2*	*8.1*	*7.74*	*0.98*	*8.71*
And including				*1070.3*	*1086.5*	*16.2*	*14.91*	*2.32*	*17.23*
Including				*1071.0*	*1079.0*	*8.0*	*18.36*	*2.87*	*21.24*
And				1089.5	1092.3	2.8	3.50	0.42	3.92
And				1121.0	1127.9	6.9	7.97	0.95	8.92
Including				*1121.0*	*1126.0*	*5.0*	*9.48*	*1.21*	*10.70*
And				1276.1	1281.0	4.9	2.89	0.91	3.81
Including				*1278.1*	*1281.0*	*2.9*	*3.77*	*1.22*	*4.99*

Notes:

- Grid coordinates GDA94: Zone 53, Collar positions & RL's determined by hand held GPS.
- Correct projected lateral positions of down hole intercepts are shown on the Figures.
- Hole dip -80 degrees towards 175 degrees grid azimuth.
- 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.

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.

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).

Drilling at the Camelwood nickel prospect has intersected **semi-massive to massive and disseminated nickel sulphide mineralisation** in a number of holes along an 800m strike length and up to 350m depth, including **11.4m @ 2.9% Ni** and **6.15m @ 3.3% Ni**, with the mineralisation open in all directions.

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). Historic drill intercepts of sediment- and fault-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 have an option 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) 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 four tenements covering approximately 1,900 km^2 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_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. 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.