

ASX/MEDIA RELEASE

18 September 2013

HIGH GRADE ZINC CONTINUES AT TEENA

Highlights

- Third diamond hole at Teena intersects thick high grade zinc mineralisation
- Mineralisation includes 20.3m @ 13.9% Zn+Pb, including 14.2m @ 18.4% Zn+Pb
- Third hole extends high grade mineralisation at least 700m along strike
- Additional assays from the second hole define more zones of mineralisation

Rox Resources Limited (ASX: RXL) ("Rox" or "the Company") is pleased to report further high grade zinc results from the drilling program currently underway at the Teena prospect, which forms part of the Reward zinc project located in the Northern Territory (Figures 1 & 2).

High Grade Mineralised Zone Extended

The third diamond drill hole in the program, TNDD011 (Figure 3), has intersected a significant zone of high grade zinc and lead mineralisation of greater than 20m in thickness downhole.

Results from hole TNDD011 include:

20.3m @ 13.9% Zn+Pb from 901.0m, including
16.3m @ 16.5% Zn+Pb from 905.0m, including
14.2m @ 18.4% Zn+Pb from 907.1m

and

5.7m @ 8.6% Zn+Pb including
1.7m @ 13.2% Zn+Pb from 937.3m

This intersection, together with the results from holes TNDD009 and 010 extend the strike length of the high grade mineralisation to over 700 m.

Rox Managing Director Mr Ian Mulholland commented, *"Previous historic drilling indicates that the mineralised zone extends further along strike, so the overall strike length of the higher grade mineralisation could exceed 1.6km."*

"Additionally, historic results from drill holes Teena 2DD and Teena 4DD demonstrate that the mineralisation also extends a significant distance north-south of at least 800m (Figures 3 & 4)."

As previously reported (5 August 2013 & 13 August 2013), holes TNDD009 and TNDD010 both intersected high grade mineralisation of greater than 20m downhole thickness, viz.

TNDD009: **26.4m @ 13.3% Zn+Pb** from 1060.1m, including **16.2m @ 17.2% Zn+Pb** from 1070.3m

TNDD010: **20.1m @ 15.0% Zn+Pb** from 944.3m, including **12.5m @ 19.5% Zn+Pb** from 951.5m

Overall Mineralised Envelope Demonstrates Significant Thickness

In addition to the drill intercepts previously reported for hole TNDD010 to 976m depth, additional assays now received define more zones of zinc and lead mineralisation over a wide mineralised section from 908.8m to 1255.0m, with an overall thickness of almost 350m. Results are listed in Table 1.

Highlights of the additional mineralisation in hole TNDD010 include:

7.8m @ 8.7% Zn+Pb, including
 6.2m @ 10.5% Zn+Pb, including
 3.2m @ 12.7% Zn+Pb from 988.8m

and

9.7m @ 5.7% Zn+Pb from 1124.0m, including
 2.9m @ 10.4% Zn+Pb from 1125.4m

and

22.0m @ 3.9% Zn+Pb from 1169.0m
 and

19.8m @ 2.7% Zn+Pb from 1212.2m

Mr Mulholland commented, *“The extensive zone of mineralisation and metal content in drill hole TNDD010 is quite remarkable. It tells us that we have a very strong mineralised system here at Teena.”*

“The main section of mineralisation above the 2.5% Zn+Pb lower cut-off starts at 908.0m and ends at 1255.0m, an interval of some 347m down hole.”

Trace Element Assays

The first batch of trace element assays for hole TNDD009 were received. The silver (Ag) values were in the range of 1-3ppm (Table 1).

The project is managed by Teck Australia Pty Ltd (“**Teck**”) under an Earn-in Agreement with Rox, with Teck funding all drilling and other exploration costs. Teck owns a 51% interest in the project, and recently exercised its option to increase its interest to 70% by expenditure of a further \$10 million by 31 August 2018.

ENDS

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Figure 1: Project Location

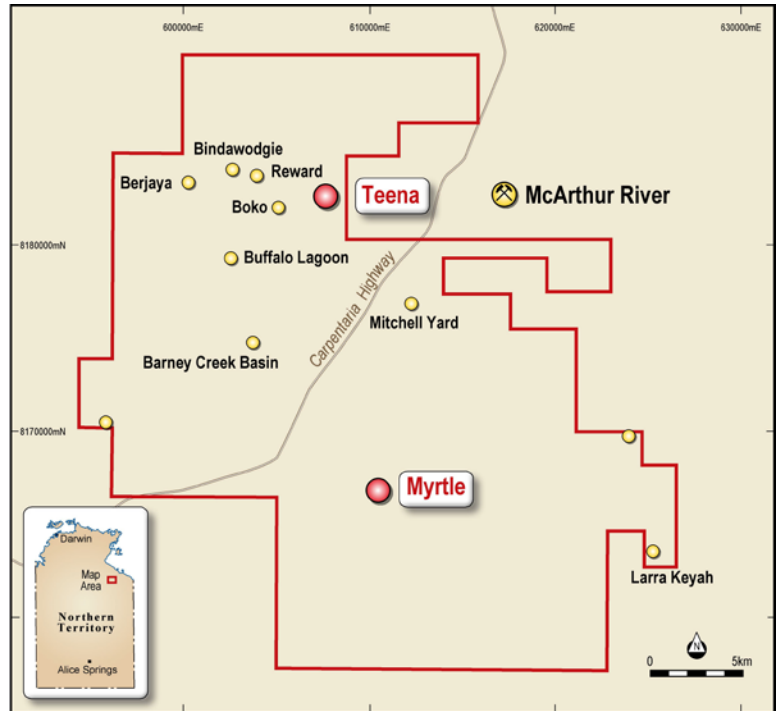


Figure 2: Tenement and Prospect Map

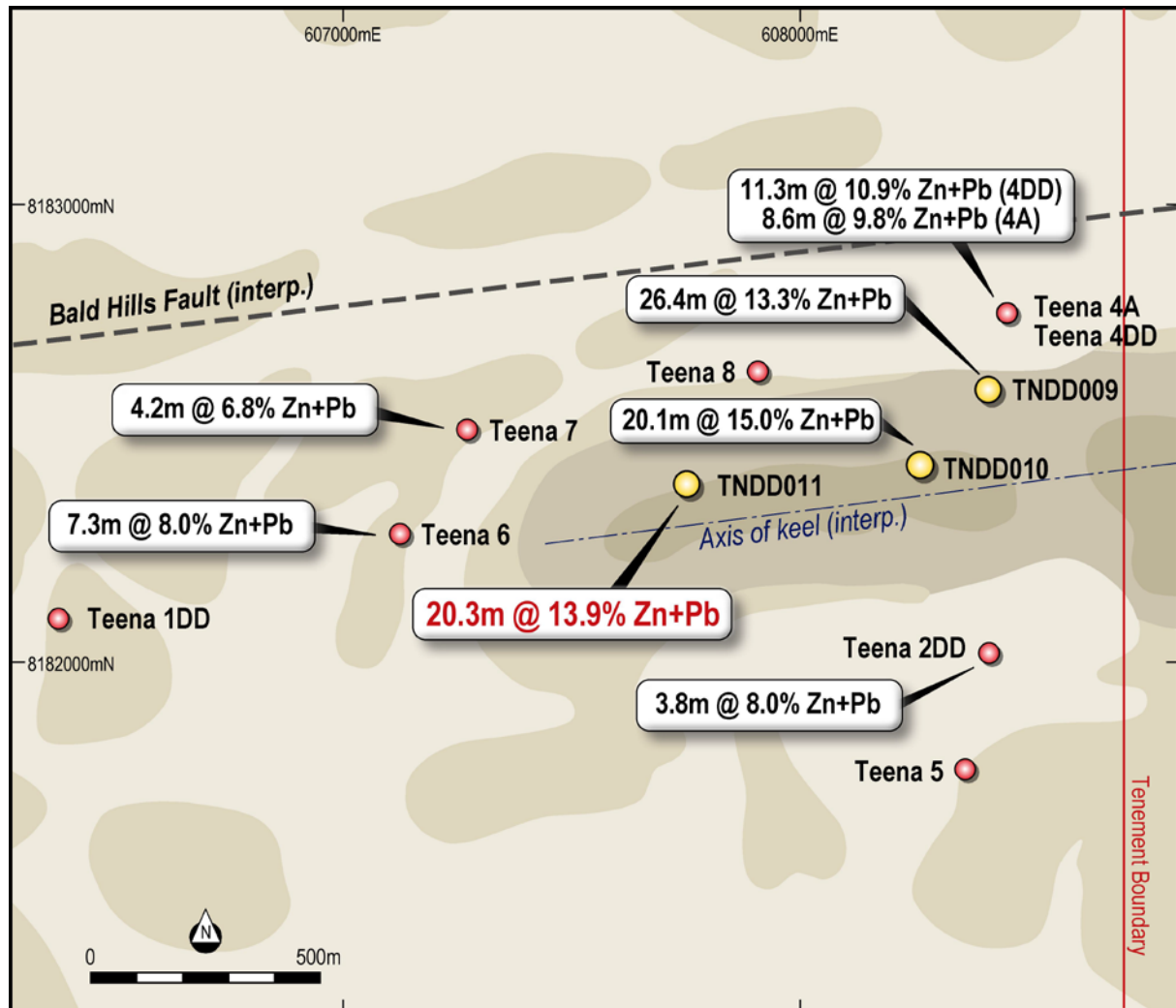


Figure 3: Teena Drill Hole Intercept Locations. Historic hole intercepts (horizontal position above subsurface intersection) are shown in red. Intercepts from drill holes in the current program are shown in yellow (horizontal position above subsurface intersection). The map shading represents interpretation 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.

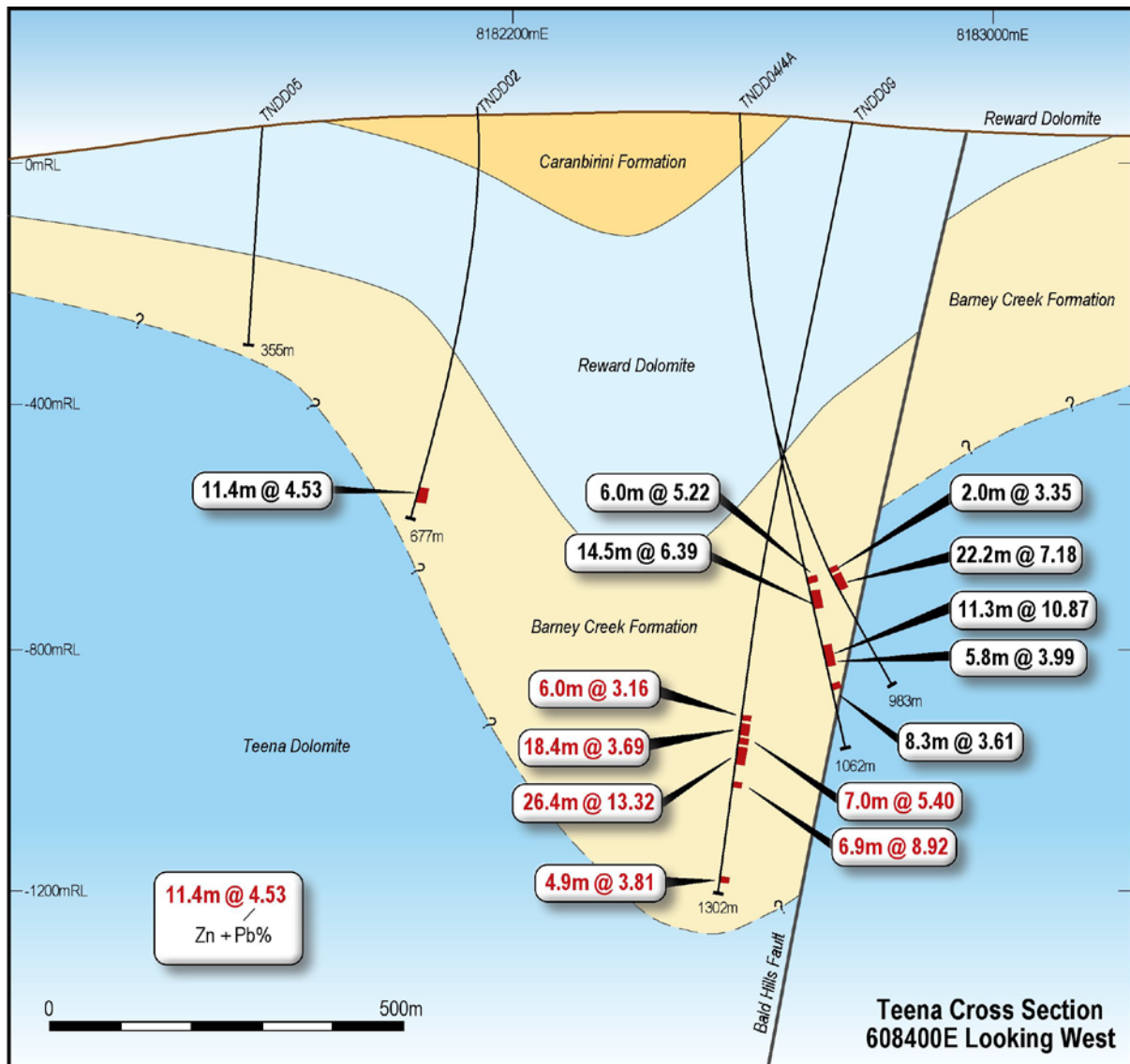


Figure 4: Teena Drill Cross Section 608400E. The intersections in holes Teena 2 and Teena 4 are 800m apart over a north-south distance.

Table 1: Teena Prospect Drill 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	

Hole Collar Coordinates

Hole	North	East	RL	Dip	Azimuth	Total Depth (m)
TNDD009	8182793	608474	72	-80	175	1302.0
TNDD010	8182661	608278	75	-75	174	1383.3
TNDD011	8182035	607877	79	-70	340	1221.6

Notes:

- New results shown in **bold**.
- 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.
- 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.
- Trace element samples analysed at ACME, Vancouver by 1F-MS method which is an aqua regia digestion with ICPMS analysis.
- 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, and for hole TNDD011 true thickness is 90-100% of the 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 655km², consisting of a 485km² area 100% owned by Rox and an Option to purchase 100% of a further 170km².

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 670km² 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**. 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 km² 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% P₂O₅ and drilling (including 6m @ 19.9% P₂O₅ and 5m @ 23.7% P₂O₅) 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.