

#### **ASX/MEDIA RELEASE**

19 July 2013

# STRIKE AND DEPTH EXTENSIONS AT CAMELWOOD NICKEL SULPHIDE DEPOSIT

# **Highlights**

- Main Zone extended a further 100 metres south
  - o 1.9m @ 3.15% Ni in hole MFED040
- Mineralisation at depth starts to re-emerge
  - o 1.6m @ 3.7% Ni in hole MFED036
- Solid intersections in Main Zone
  - o 6.3m @ 1.5% Ni in hole MFED035
  - 2.9m @ 2.2% Ni in hole MFED037
  - o 5.6m @ 2.1% Ni in hole MFED039
- Data audit and resource estimation underway
- Regional exploration review looking for repeats of Camelwood deposit

Rox Resources Limited (ASX: RXL) ("Rox" or "the Company") is pleased to report further drill results from the Main Zone of its Camelwood nickel sulphide prospect at Fisher East, located 450km north of Kalgoorlie in Western Australia (Figure 1).

Rox Managing Director Ian Mulholland commented, "The results from these latest drill holes continue to confirm the strong potential of Camelwood. In addition, extensions have been defined along strike 100m to the south and also at depth, where it looks like the system might be thickening up again. There's still plenty more to come from Camelwood".

Drill hole MFED040 was drilled 100m south of the previous extent of identified mineralisation at the Main Zone and intersected **1.9m** @ **3.1%** Ni from 290.0m. The Main Zone at Camelwood now extends for over 400 metres in strike and up to 400 metres vertical depth (Figure 2).

There remains very little drilling outside of the immediate area of the Main Zone.

Drilling at depth to explore the extent of the nickel sulphide mineralised system intersected encouraging grades including:

MFED034: **1.6m** @ **2.3%** Ni, including **0.5m** @ **5.3%** Ni from 455.0m

MFED036: **1.6m** @ **3.7%** Ni from 569.0m

MFED038: 0.3m @ 4.5% Ni from 392.8m, and 3.2m @ 1.4% Ni, including 0.4m @ 3.8%

Ni from 395.1m, and 0.8m @ 1.4% Ni from 402.0m

Rox Resources Limited ABN 53 107 202 602 Level 1, 30 Richardson Street, West Perth WA 6005 Telephone: +61 8 9226 0044 Facsimile: +61 8 9322 6254

Email: admin@roxresources.com.au

RRL1252D-IM

19 July 2013

The result in hole MFED036 is particularly encouraging because it indicates that the system might be starting to thicken again at depth, which is suggested from other drilling results and downhole EM results.

Holes MFED035, 037 and 039 (Figure 2) were all drilled within the mineralised envelope and all returned thick and/or multiple intercepts of mineralisation.

#### Results included:

MFED035: **6.3m** @ **1.5%** Ni from 283.5m, and **3.5m** @ **1.4%** Ni from 293.0m

MFED037: 3.0m @ 1.6% Ni, including 1.1m @ 3.2% Ni from 246.6m, and 2.2m @ 1.8%

Ni from 251.0m, and 2.9m @ 2.2% Ni from 255.0m

MFED039: **7.3m** @ **1.9%** Ni, including **5.6m** @ **2.1%** Ni, including **0.4m** @ **6.1%** Ni from

358.8m, and **0.6m** @ **2.4%** Ni from 365.5m

The next stage of exploration activity at Camelwood has commenced with both a data quality control audit and a preliminary resource estimate underway. Preliminary metallurgical testwork has also commenced.

Mr Mulholland also said, "We also are starting to see a significant regional nickel sulphide play developing with our re-sampling and compilation of old geochemical results showing some other strong drill targets emerging along the Fisher East Ultramafic Belt. It is likely that Camelwood may just be the first nickel sulphide deposit to be discovered here, not the only one. We'll certainly be following up these other compelling drill targets."

Rox is of the view that Camelwood is a typical Kambalda style deposit, and it is generally recognised that these types of deposits occur in clusters. To pursue this possibility the Company has commenced an exploration program along the Fisher East ultramafic belt that hosts the Camelwood deposit in search of repeats. As a result the current drilling program has been temporarily suspended in order to better define drill targets for future programs based on the resource modelling and regional data.

Recently Rox received results from a detailed aeromagnetic survey flown at 50m line spacing (vs. the previous 200m line spacing), which provides much more detailed magnetic information. Based on this magnetic data, previous VTEM surveys, and on a compilation of previous geochemical results (soil sampling and recent re-sampling of old RAB drill samples), the company is designing a regional exploration program.

### **ENDS**

#### 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: Project Location

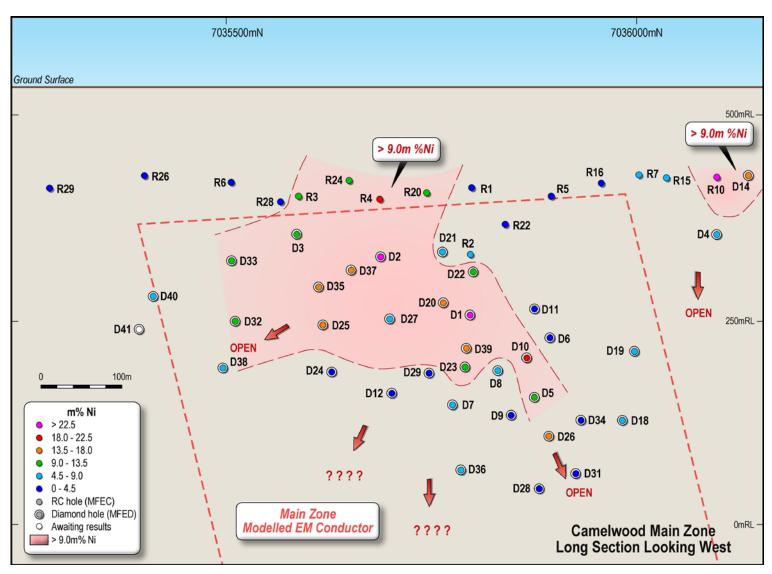


Figure 2: Camelwood Main Zone Long Section

Table 1: Camelwood Diamond Drilling Results (new results shown in bold)

MFED001	355997	7035799	397.3	-75	270	282.6	294.0	11.4	2.93
		Including	1			282.6	289.0	6.4	3.80
Including							285.5	2.9	4.66
MFEC002	355996	7035702	261.5	-75	270	211.7	228	16.3	1.79
		Including	1			211.7	218	6.3	2.53
		Including	1			212.0	212.47	0.47	5.42
MFED003	355991	7035593	210.9	-80	270	178.3	185.8	7.5	1.22
		Including	1			178.3	178.7	0.4	3.76
MFED004	355900	7036097	216.1	-60	270	197.3	214.4	17.1	0.47
MFED005	355995	7035900	421.3	-78	270	382.0	387.7	5.7	2.25
		Including		382.0	382.4	0.4	5.38		
		And				384.6	387.7	3.1	3.37
		Including	1			384.6	386.3	1.7	4.64
MFED006	355995	7035900	346.2	-70	270	317.7	319.0	1.3	2.55
		Including	1			317.7	318.3	0.6	3.76
MFED007	356000	7035795	421.1	-85	270	388.7	389.9	1.2	5.20
		Including	1			388.7	389.4	0.7	7.79
MFED008	355999	7035850	376.3	-80	270	350.5	352.3	1.8	2.81
		Including	1			350.5	350.8	0.30	4.03
MFED009	355999	7035850	426.9	-85	270	401.66	403.70	2.04	1.61
		Including	1			401.66	401.88	0.22	3.49
		And				402.75	403.70	0.95	2.60
MFED010	355999	7035850	367.2	-72	270	341.11	347.26	6.15	3.30
		Including	1			341.11	341.38	0.27	3.43
		And				341.66	341.85	0.19	10.97
		And				342.25	347.26	5.01	3.43
		Including	1			342.25	343.89	1.64	5.81
MFED011	355999	7035850	316	-62	270	293.71	293.98	0.27	1.88
MFED012	355996	7035702	427.1	-90	270	375.68	376.42	0.74	3.84
MFED013	355823	7036149	171.45	-65	270	140.87	141.55	0.68	5.88
MFED014	355823	7036149	162.3	-55	270	130.60	138.00	7.40	1.89
		Including	1			130.60	132.05	1.45	3.60
MFED015	355859	7036150	240.85	-78	270	202.45	202.91	0.46	1.47
		And				217.32	217.52	0.20	1.04
MFED016	355816	7036302	297.95	-60	270	NSR			
MFED017	355900	7036698	751.05	-60	270	NSR			
MFED018	355995	7036000	450.4	-85	270	414.98	416.63	1.65	3.19
		And				417.63	417.83	0.20	1.55
MFED019	355999	7036000	369.5	-74	270	340.69	344.00	3.31	1.88
		Including	<u> </u>			340.69	341.54	0.85	5.01
MFED020	356000	7035749	309.3	-75	270	269.7	277.0	7.3	1.94
		Including	<u> </u>			269.7	275.0	5.3	2.40
		Including	1			269.7	270.2	0.5	6.67
MFED021	355999	7035749	249.9	-62	270	226.0	229.0	3.0	1.94
		Including	1			226.0	227.0	1.0	3.36

MFED022	356109	7035796	274	-70	270	246.2	250.0	3.8	2.73
WIFED022	330109	Including		-70	210	246.2	249.0	2.8	3.49
MFED023	356106	7035799	403	-65	270	377.4	382.0	4.6	2.58
WII LD025	330100	Including		1 00	210	377.4	380.0	2.6	3.28
Including							377.9	0.5	4.98
And							380.0	1.0	4.26
MFED024	356241	7035612	435.3	-60	270	379.0 409.8	410.3	0.5	6.44
MFED025	356241	7035612	401.4	-50	270	373.8	380.8	7.0	2.40
22020	000211	Including				373.8	378.0	4.2	3.17
MFED026	356195	7035903	504.5	-65	270	483.0	485.7	2.7	5.20
22020	000.00	Including				483.9	485.7	1.8	6.30
MFED027	356110	7035698	346.0	-65	270	317.3	320.4	3.1	2.11
		Including				317.3	317.8	0.5	4.27
MFED028	522.8	523.0	0.2	5.29					
MFED029	356184	7035754	448.0	-57	270	406.4	407.2	0.8	3.40
MFED030	356135	7035002	250.0	-75	270	233.95	235	1.05	0.48
MFED031	356153	7035951	535.9	-72	270	496.85	497.1	0.25	9.01
MFED032	356151	7035503	373.2	-65	270	312.7	316.1	3.4	2.74
		Including		1	I	314.6	316.1	1.5	4.11
MFED033	356151	7035503	284.9	-51	270	265.2	268.4	3.2	3.39
		Including			l .	265.6	268.4	2.8	3.72
MFED034	356153	7035951	484.0	-65	270	455.0	456.6	1.6	2.25
		Including	7	•	·	455.0	455.5	0.5	5.29
MFED035	356132	7035600	306.5	-58	270	283.5	289.8	6.3	1.54
		And				293.0	296.5	3.5	1.35
MFED036	356363	7035800	604.5	-58	270	569.0	570.6	1.6	3.69
MFED037	356065	7035650	276.3	-65	270	246.6	249.6	3.0	1.58
		Including	7			246.6	247.7	1.1	3.21
And							253.2	2.2	1.79
And							257.9	2.9	2.21
MFED038	356270	7035500	433.0	-64	270	392.8	393.1	0.3	4.52
		And				395.1	398.3	3.2	1.43
Including							395.5	0.4	3.76
And							402.8	0.8	1.38
MFED039	356094	7035790	381.8	-60	270	358.8	366.1	7.3	1.88
		Including	7			358.8	364.4	5.6	2.13
Including						358.8	359.2	0.4	6.05
And							366.1	0.6	2.43
	250400	7035398	322.0	-60	270	290.0	291.9	1.9	3.11
MFED040	356180	7033390	322.0	-00	210	230.0	231.3	1.5	3.11

Table 2: Camelwood RC Drilling Results

Hole	East	North	Depth (m)	Dip	Azimuth	From (m)	To (m)	Interval	Ni%
MFEC001	355899	7035798	162	-70	270	130	133	3	1.27
		Includi	ng			130	132	2	1.58
MFEC002	355956	7035802	242	-75	270	212	216	4	1.99
MFEC003	355986	7035594	172	-65	270	141	146	5	1.45
		And				152	155	3	1.72
	Including							2	2.22
MFEC004	355974	7035692	182	-60	270	159	179	20	1.06
Including							165	6	1.36
		Includi	ng			169	174	5	1.49
MFEC005	355903	7035893	187	-60	270	147	148	1	2.99
MFEC006	355994	7035506	150	-65	270	126	126	1	2.48
MFEC007	355854	7035998	150	-60	270	118	121	3	1.82
MFEC010	355829	7036103	150	-60	270	118	136	18	1.53
		Includi	ng		•	119	128	9	2.04
MFEC012	355832	7036200	168	-70	270	153	154	1	1.10
MFEC013	355818	7036247	162	-60	270		Terminated	short of targ	et
MFEC015	355845	7036059	162	-60	270	125	130	5	1.33
MFEC016	355881	7035958	156	-60	270	129	133	4	1.11
MFEC017	355720	7036259	86	-60	270		NSR (gossa	anous 56-65r	n)
MFEC020	355928	7035750	174	-60	270	141	146	5	1.80
		Includi	ng			141	143	2	2.49
		And				157	159	2	1.49
MFEC021	355769	7036249	150	-60	270	105	124	19	1.32
MFEC022	355933	7035854	216	-60	270	186	187	1	2.55
MFEC023	355750	7036300	141	-60	270	101	120	19	0.44
MFEC024	355970	7035650	186	-60	270	144	148	4	1.27
		And			•	155	159	4	1.04
MFEC025	355697	7036402	130	-60	270	NSR			
MFEC026	356000	7035397	138	-75	270	111	112	1	1.13
MFEC027	356003	7035300	102	-75	270		NSR (gossa	anous 78-79r	n)
MFEC028	355993	7035558	156	-70	270	146	148	2	1.36
MFEC029	356054	7035294	150	-65	270	134	135	1	1.22
MFEC030	356058	7035199	156	-60	270	140	144	4	1.90
		Includi	ng			140	141	1	2.84
MFEC031	356059	7035096	140	-60	270	124	126	2	1.12
MFEC032	355826	7036155	174	-60	270	144	146	2	2.02
MFEC033	356070	7035001	138	-60	270	119	121	2	3.50
		Includi	ng			119	120	1	5.71

#### **ROX RESOURCES LIMITED - ASX RELEASE**

19 July 2013

#### Notes (for Tables 1 & 2):

- New results shown in **bold**.
- Grid coordinates GDA94: Zone 51, Collar positions determined by hand held GPS and confirmed by DGPS.
- All holes RL 537 AHD confirmed by DGPS.
- Hole azimuths planned to be 270 degrees, but hole deviations may result in hole paths different to those intended. Correct lateral positions of down hole intercepts are shown on the Figures.
- RC drilling (hole prefix MFEC) by reverse circulation face sampling hammer, then 1 metre samples split and bagged.
- Diamond drilling (hole prefix MFED) by HQ/NQ diamond core, with core cut in half and sampled to either significant geological boundaries or even metre intervals.
- Diamond drill samples weighed in water and air to determine bulk density, and then crushed to 6.5mm
- 3-5kg sample preparation by pulp mill to nominal P80/75um.
- Ni assays by ICP-OES following a 4 acid digest (Intertek analysis code 4A/OE).
- Certified Reference Standards and field duplicate samples were inserted at regular intervals to provide assay quality checks. Review of the standards and duplicates are within acceptable limits.
- Cut-off grade 1% Ni with up to 2m of internal dilution allowed (with the exception of holes MFED004, MFEC023 & MFED030).
- Given the angle of the drill holes and the interpreted 60 degree dip of the host rocks, reported intercepts will be more than true width.

#### **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.

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<sup>2</sup> 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 southwest 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.