

## ASX ANNOUNCEMENT

RRL1646D

07 November 2019

### Further High Grade Results from Youanmi Near Mine Exploration

#### ROX RESOURCES LIMITED

ASX: RXL

*Rox Resources Limited (ASX: RXL) is an Australian listed company with advanced gold and nickel projects in Western Australia: the Youanmi Gold Project, Mt Fisher Gold project, and the Fisher East and Collurabbie Nickel projects.*

#### DIRECTORS

**Mr Stephen Dennis**  
Chairman

**Mr Alex Passmore**  
Managing Director

**Mr Brett Dickson**  
Finance Director

**Dr John Mair**  
Non-Executive Director

<b>Shares on Issue</b>	1,458m
<b>Share Price</b>	\$0.019
<b>Market Cap.</b>	\$27.7m
<b>Cash &amp; Receivables</b>	\$9.3m

(at 30/09/19)

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#### Highlights:

- Drilling at the Youanmi Gold Project has intersected more high grade gold mineralisation. Results received from Youanmi South and Commonwealth drilling include:

RXRC073 - **4m @ 11.23 g/t Au** from 92m (Youanmi South)

RXRC079 - **8m @ 3.73g/t Au** from 60m (Commonwealth)

RXRC077 - **3m @ 5.45 g/t Au** from 87m (Commonwealth)

- Drilling at Plant Zone continues to define shallow, potential 'base load mill feed' with new results showing continuations to shallow mineralisation^ including:

RXRC058 - **8m @ 2.62 g/t Au** from 60m

RXRC055 - **9m @ 1.04 g/t Au** from 83m

RXRC056 - **8m @ 1.03 g/t Au** from 44m

Australian gold and nickel company, Rox Resources Limited ("Rox" or "the Company") (ASX: RXL), in conjunction with its joint venture partner Venus Metals Corporation (ASX: VMC) is pleased to announce further results from its ongoing drilling campaign at the OYG JV which forms part of the wider Youanmi Gold Project.

Rox has drilled over 11,000 metres and has received results for around 80% of this amount. The drill program total meterage will be in the order of 16,500 metres.

Managing Director Alex Passmore Commented: *"These results continue to show the excellent potential of the Youanmi belt and the OYG JV in particular and we look forward to presenting further results when they become available. Drilling at the Plant Zone prospect, a granite stockwork style of mineralisation now delineated over a 1.4km strike length, continues to add scale to the overall project gold inventory."*

Recent drilling has been focussed on the Plant Zone (potentially base load mill feed) and the high-grade Commonwealth Prospect. The company looks forward to moving its focus onto the Youanmi South Prospect next week following completion of geophysical surveying (drone mag). The Youanmi South Prospect has previously returned some of the best drill intersections of the current drill program, including (ASX: 24 September 2019):

- RXRC063 – 12m @ 12.7 g/t Au from 80m
- RXRC064 – 12m @ 8.5 g/t Au from 44m
- RXRC053 – 4m @ 11.2 g/t Au from 110m
- RXRC066 – 4m @ 7.6 g/t Au from 76m

The current RC drill program is ongoing and will continue throughout November with resource estimation work to follow thereafter.

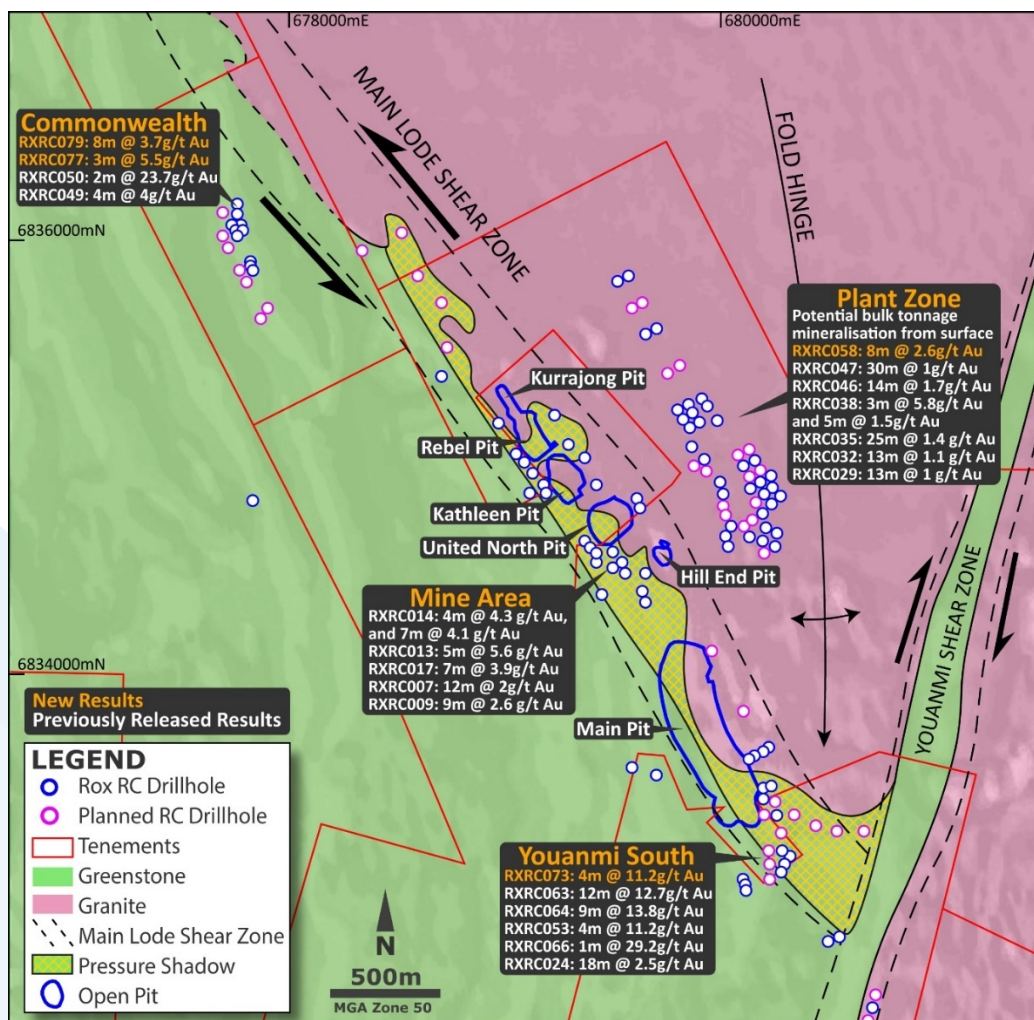


Figure 1 – Youanmi Pits Overlain on Geology with RC Drill Collars  
 (Figure also shows dilation zones along Main Lode Shear Zone)



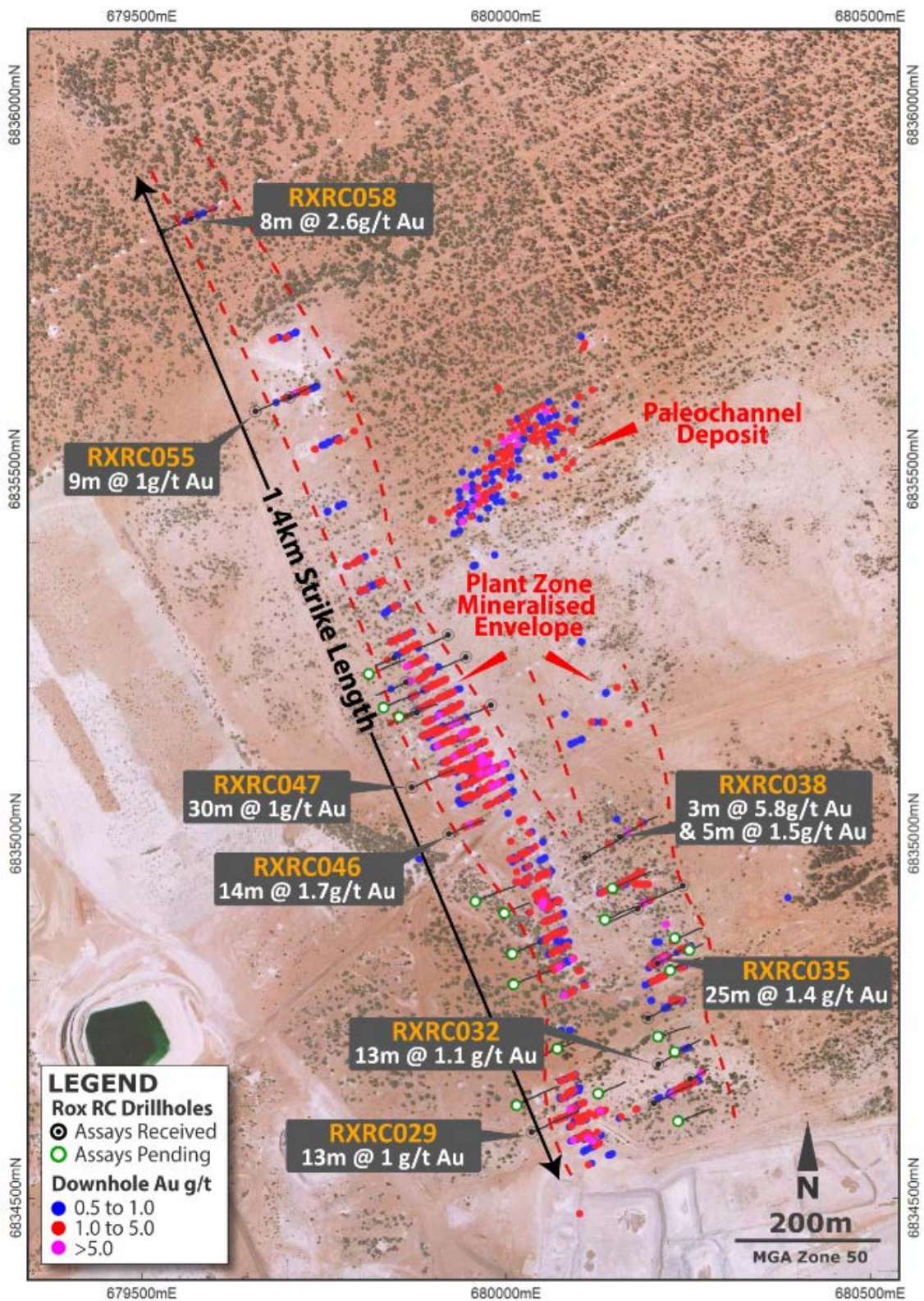


Figure 2 – Aerial photo showing Plant Zone and recent drilling

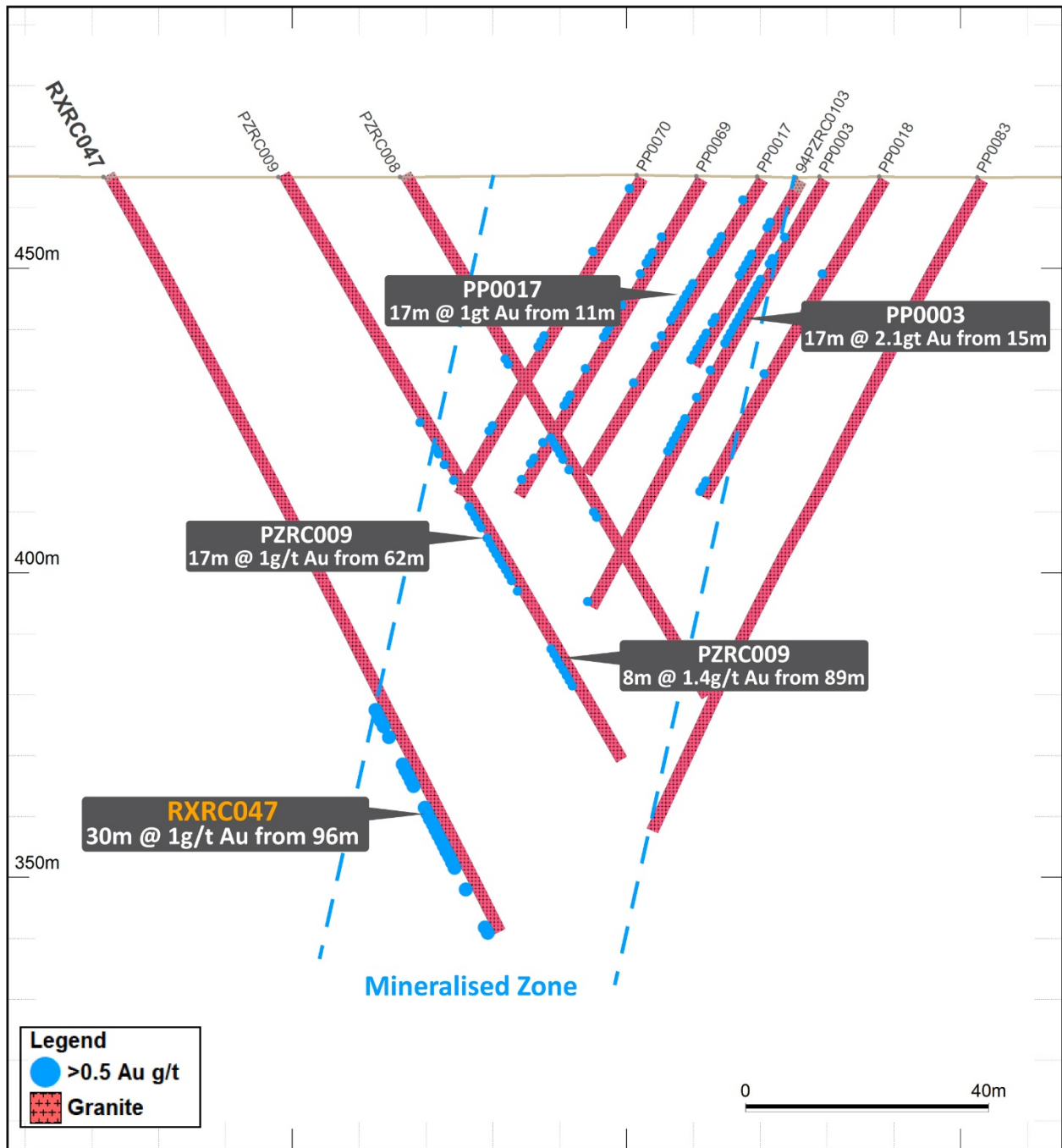


Figure 3 – Plant Zone Cross Section (looking north west, 6835064mN)

\*\*\* ENDS \*\*\*

## For more information:

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## Competent Person Statements

### Exploration Results

The information in this report that relates to Data and Exploration Results is based on information compiled and reviewed by Mr Gregor Bennett a Competent Person who is a Member of the Australian Institute Geoscientists (AIG) and Senior Geologist at Rox Resources. Mr Bennett has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he has undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bennett consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Where reference is made to previous releases of exploration results in this announcement, the Company confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all material assumptions and technical parameters underpinning the exploration results included in those announcements continue to apply and have not materially changed.

The information in this report that relates to previous Exploration Results, was either prepared and first disclosed under the JORC Code 2004 or under the JORC Code 2012 and has been properly and extensively cross-referenced in the text to the date of original announcement to ASX. In the case of the 2004 JORC Code Exploration Results and Mineral Resources, they have not been updated to comply with the JORC Code 2012

### Resource Statements

The information in this report that relates to gold Mineral Resources for the Youanmi Project was reported to the ASX on 17 April 2019 (JORC 2012). Rox confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 17 April 2019, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 17 April 2019 continue to apply and have not materially changed.

The information in this report that relates to gold Mineral Resources for the Mt Fisher project was reported to the ASX on 11 July 2018 (JORC 2012). Rox confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 11 July 2018, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 11 July 2018 continue to apply and have not materially changed.

### Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Rox Resources Limited planned exploration program(s) and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward looking statements.



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## About Rox Resources

Rox Resources Limited is an emerging Australian minerals exploration company. The company has a number of key assets at various levels of development with exposure to gold, nickel, copper and platinum group elements (PGE's). The 1.2Moz Youanmi Gold Project and the Fisher East Nickel Project (78kt Ni) being the most advanced projects with exploration ongoing at the Mt Fisher Gold Project and the Collurabbie Nickel-Copper-PGE Project.

### Youanmi Gold Project (Youanmi Gold Mine 50% and option to increase to 70%, Regional JV's 50% earn-in)

The Youanmi Gold Mine is located 480 km to the northeast of Perth, Western Australia. The Youanmi Mining Centre has produced an estimated 667,000 oz of gold (at 5.47 g/t Au) since discovery in 1901 during three main periods: 1908 to 1921, 1937 to 1942, and 1987 to 1997.

The project is situated in the Youanmi Greenstone Belt, within the Southern Cross Province of the Archaean Yilgarn Craton in Western Australia. The structure of the Youanmi Project is dominated by the north-trending Youanmi Fault Zone. Most of the gold mineralisation seen at the project is hosted within north-northwest splays off the north-northeast trending Youanmi Fault.

### Fisher East Nickel Project (100%)

The Fisher East nickel project is located in the North Eastern Goldfields region of Western Australia and hosts several nickel sulphide deposits. The total project area is ~350km<sup>2</sup>.

Discovery of, and drilling at the Camelwood, Cannonball and Musket nickel prospects has defined a JORC 2012 Mineral Resource (ASX:RXL 5 February 2016) of 4.2Mt grading 1.9% Ni reported at 1.0% Ni cut-off (Indicated Mineral Resource: 3.7Mt grading 1.9% Ni, Inferred Mineral Resource: 0.5Mt grading 1.5% Ni) comprising massive and disseminated nickel sulphide mineralisation, and containing 78,000 tonnes of nickel. Higher grade mineralisation is present in all deposits (refer to ASX announcement above) and is still open at depth beneath each deposit. Additional nickel sulphide deposits continue to be discovered (e.g. Sabre) and these will add to the resource base. Exploration is continuing to define further zones of potential nickel sulphide mineralisation.

### Collurabbie Gold-Nickel Project (100%)

The Collurabbie project is located in the highly prospective North Eastern Goldfields region of Western Australia and is prospective for gold and nickel. The project area of ~123km<sup>2</sup> hosts the Olympia nickel sulphide deposit and a number of other prospects for nickel sulphide mineralisation. A JORC 2012 Inferred Mineral Resource of 573,000t grading 1.63% Ni, 1.19% Cu, 0.082% Co, 1.49g/t Pd, 0.85g/t Pt has been defined at Olympia (ASX: RXL 18 August 2017). The style of nickel sulphide mineralisation is different to that at Fisher East, with a significant copper and PGE component at Collurabbie, and has been compared to the Raglan nickel deposits in Canada (>1Mt contained nickel). In addition, there is potential for gold mineralisation, with several strong drilling intersections including 2m @ 2.4g/t Au from the Naxos prospect.

### Mt Fisher Gold Project (100%)

The Mt Fisher gold project is located in the North Eastern Goldfields region of Western Australia, adjacent to the Fisher East nickel project, and hosts several gold deposits. The total project area is ~220km<sup>2</sup>.

Drilling by Rox has defined numerous high-grade gold targets and a JORC 2012 Measured, Indicated and Inferred Mineral Resource (ASX:RXL 11 July 2018) of 1.0 million tonnes grading 2.7 g/t Au reported at a 0.8 g/t Au cut-off exists for 89,000 ounces of gold (Measured: 170,000 tonnes grading 4.1 g/t Au, Indicated: 220,000 tonnes grading 2.7 g/t Au, Inferred: 630,000 tonnes grading 2.3 g/t Au) aggregated over the Damsel, Moray Reef and Mt Fisher deposits.

**Table 1 - Significant Intersections**

Hole ID	from	to	Interval	Au g/t	Comments
RXRC001	72	73	1	0.91	
RXRC001	100	102	2	1.18	
RXRC002	52	54	2	1.76	
RXRC002	97	99	2	0.61	
RXRC003	40	42	2	0.68	
RXRC005	61	62	1	0.57	
RXRC005	81	84	3	0.55	
RXRC005	122	123	1	0.54	
RXRC005	127	128	1	1.1	
RXRC007	38	41	3	1.6	
RXRC007	86	88	2	3.12	
Including	86	87	1	5.46	
RXRC007	117	129	12	1.95	
Including	127	128	1	7.04	
RXRC007	137	139	2	0.69	
RXRC008	44	50	6	0.9	
RXRC008	68	69	1	0.59	
RXRC008	75	78	3	2.64	
Including	76	77	1	5.39	
RXRC008	108	110	2	4.06	
Including	109	110	1	5.82	
RXRC008	117	119	2	1.72	
RXRC008	122	123	1	0.89	
RXRC008	130	133	3	1.81	
RXRC009	30	39	9	2.61	
Including	36	37	1	14.75	
RXRC009	42	44	2	1.41	
RXRC009	60	61	1	1.32	
RXRC009	76	77	1	1.01	
RXRC009	101	102	1	2.82	
RXRC009	106	108	2	2.87	
RXRC009	118	120	2	0.58	
RXRC010	55	56	1	3.36	
RXRC010	60	68	8	0.67	
RXRC010	108	110	2	1.44	

RXRC011	37	39	2	1.32
RXRC011	75	76	1	1.15
RXRC012	41	45	4	2.47
Including	44	45	1	6.33
RXRC013	20	22	2	0.67
RXRC013	81	86	5	5.59
Including	81	82	1	23
RXRC013	90	93	3	0.61
RXRC014	37	39	2	1.21
RXRC014	45	49	4	4.3
Including	45	47	2	7.4
RXRC014	52	53	1	1.26
RXRC014	58	65	7	4.14
Including	59	64	5	5.93
RXRC014	96	98	2	1.32
RXRC015	118	122	4	2.13
Including	120	121	1	6.03
RXRC016	40	44	4	1.28
RXRC016	98	99	1	0.8
RXRC016	121	124	3	1.3
RXRC017	35	36	1	0.63
RXRC017	54	61	7	3.85
Including	54	55	1	8.65
<i>Including</i>	58	59	1	9.3
RXRC017	70	74	4	0.69
RXRC017	114	118	4	1.9
<i>Including</i>	114	115	1	6.79
RXRC018	76	79	3	3.98
<i>Including</i>	76	77	1	6.89
RXRC019	76	77	1	1.76
RXRC019	134	135	1	1.22
RXRC023	9	13	4	0.59
RXRC024	97	115	18	2.48
<i>Including</i>	97	99	2	11.47
<i>Including</i>	108	109	1	9.2
RXRC025	0	4	4	1.79
RXRC025	47	48	1	0.69



RXRC026	0	3	3	1.96
RXRC026	51	54	3	1.43
RXRC026	96	97	1	0.53
RXRC027	0	3	3	1.5
RXRC027	42	43	1	0.96
RXRC028	0	3	3	0.73
RXRC028	57	68	11	2.08
Including	59	60	1	5.36
RXRC028	79	80	1	1.32
RXRC028	87	89	2	0.67
RXRC029	72	75	3	0.9
RXRC029	81	94	13	1.02
RXRC029	100	101	1	0.71
RXRC029	110	115	5	1.37
RXRC029	119	121	2	1.61
RXRC029	128	130	2	1.09
RXRC030	47	48	1	0.79
RXRC030	56	58	2	5.97
Including	56	57	1	8.15
RXRC030	61	62	1	1.17
RXRC030	84	88	4	1.64
RXRC030	99	113	14	0.67
RXRC031	33	35	2	3.1
Including	33	34	1	5.26
RXRC031	39	40	1	2.08
RXRC032	57	70	13	1.09
RXRC032	74	75	1	0.73
RXRC032	84	86	2	0.61
RXRC032	93	94	1	0.99
RXRC033	54	60	6	1.3
RXRC033	63	67	4	0.97
RXRC034	49	51	2	0.6
RXRC034	56	57	1	0.61
RXRC034	60	63	3	0.54
RXRC034	92	100	8	0.85
RXRC035	6	31	25	1.38
Including	10	11	1	5.85

RXRC035	61	62	1	0.92
RXRC035	71	72	1	1.98
RXRC035	76	79	3	1.68
RXRC038	25	28	3	5.76
Including	25	26	1	15.36
RXRC038	65	70	5	1.54
RXRC038	73	76	3	0.68
RXRC039	72	73	1	1.33
RXRC042	18	19	1	1.45
RXRC043	92	93	1	0.52
RXRC044	32	33	1	1.41
RXRC044	86	87	1	1.04
RXRC045	47	48	1	0.82
RXRC046	50	53	3	1.14
RXRC046	61	63	2	0.95
RXRC046	70	84	14	1.72
Including	70	71	1	5.12
RXRC046	93	97	4	1.41
RXRC046	100	102	2	0.9
RXRC047	96	126	30	1
RXRC047	129	130	1	0.67
RXRC047	136	138	2	0.87
RXRC048	73	80	7	1.52
RXRC048	95	98	3	1.78
RXRC049	28	32	4	0.88
RXRC049	64	68	4	4
Including	67	68	1	7.39
RXRC049	73	77	4	1.19
RXRC050	76	78	2	23.67
Including	76	77	1	43.75
RXRC051	70	73	3	2.04
RXRC051	94	95	1	0.6
RXRC052	92	94	2	1.54
RXRC053	99	102	3	2.83
Including	99	100	1	5.94
RXRC053	110	114	4	11.24
Including	110	113	3	14.46

RXRC054	53	54	1	1.44	
RXRC055	60	64	4	0.58	4m composite sample, 1m assays pending
RXRC055	83	92	9	1.04	4m composite sample, 1m assays pending
RXRC056	32	40	8	0.79	4m composite sample, 1m assays pending
RXRC056	44	52	8	1.03	4m composite sample, 1m assays pending
RXRC057	68	72	4	0.63	4m composite sample, 1m assays pending
RXRC058	20	24	4	0.79	4m composite sample, 1m assays pending
RXRC058	36	40	4	0.56	4m composite sample, 1m assays pending
RXRC058	60	68	8	2.62	4m composite sample, 1m assays pending
RXRC059	28	32	4	0.68	4m composite sample, 1m assays pending
RXRC059	100	104	4	1.41	4m composite sample, 1m assays pending
RXRC060	51	52	1	4.02	
RXRC061	0	4	4	1.4	4m composite sample, 1m assays pending
RXRC061	24	28	4	0.6	4m composite sample, 1m assays pending
RXRC061	40	44	4	1	4m composite sample, 1m assays pending
RXRC062	6	8	2	0.9	
RXRC062	60	62	2	1.28	
RXRC062	69	70	1	1.21	
RXRC063	3	4	1	0.84	
RXRC063	33	34	1	0.85	
RXRC063	80	92	12	12.72	
Including	81	83	2	13.2	
Including	85	87	2	33.84	
or	81	87	6	16.44	
Including	90	91	1	38.54	
RXRC063	95	96	1	1.45	
RXRC064	1	4	3	0.75	
RXRC064	46	55	9	13.76	
Including	48	52	4	29.25	
RXRC064	74	75	1	1.05	
RXRC065	3	4	1	0.62	
RXRC065	148	149	1	1.66	
RXRC066	78	79	1	29.23	
RXRC069	153	154	1	2.81	
RXRC070	20	44	24	0.74	4m composite sample, 1m assays pending
RXRC070	48	52	4	0.57	4m composite sample, 1m assays pending
RXRC071	28	36	8	1.32	4m composite sample, 1m assays pending

RXRC071	40	44	4	3.62	4m composite sample, 1m assays pending
RXRC071	52	60	8	0.87	4m composite sample, 1m assays pending
RXRC072	20	24	4	1.3	4m composite sample, 1m assays pending
RXRC072	44	48	4	2.37	4m composite sample, 1m assays pending
RXRC073	0	4	4	0.56	4m composite sample, 1m assays pending
RXRC073	56	64	8	0.88	4m composite sample, 1m assays pending
RXRC073	92	96	4	11.23	4m composite sample, 1m assays pending
RXRC075	88	90	2	1.06	
RXRC075	96	104	8	0.61	
RXRC076	98	108	10	0.64	
RXRC077	87	90	3	5.45	
Including	89	90	1	14.97	
RXRC078	60	64	4	0.55	4m composite sample, 1m assays pending
RXRC079	60	68	8	3.73	4m composite sample, 1m assays pending
Including	60	64	4	6.67	4m composite sample, 1m assays pending
RXRC081	61	65	4	1.38	
Including	61	62	1	2.56	
Including	63	64	1	2.09	
Including	67	68	1	1.94	

**Table 2 - Collar Locations and Drilling Details**

Hole ID	Prospect	Drill Type	East	North	RL	Depth	Dip	Azi
RXRC001	Kurrajong	RC	678983	6835172	466	140	-60	50
RXRC002	Rebel	RC	679065	6835027	469	130	-60	50
RXRC003	Rebel	RC	679088	6834998	469	168	-60	50
RXRC004	Kathleen	RC	679134	6834933	469	120	-60	65
RXRC005	Kathleen	RC	679125	6834838	469	180	-60	65
RXRC006	Kathleen	RC	679188	6834843	468	130	-62	60
RXRC007	United North	RC	679380	6834611	466	200	-60	50
RXRC008	United North	RC	679396	6834590	467	170	-60	65
RXRC009	United North	RC	679437	6834539	468	120	-60	65
RXRC010	United North	RC	679509	6834574	471	120	-60	65
RXRC011	United North	RC	679504	6834492	469	100	-60	65
RXRC012	Hill End	RC	679542	6834518	472	80	-50	65
RXRC013	Kathleen	RC	679192	6834882	468	110	-50	65
RXRC014	United North	RC	679435	6834567	467	114	-60	65



RXRC015	United North	RC	679452	6834373	472	190	-60	65
RXRC016	Hill End	RC	679559	6834471	472	126	-60	65
RXRC017	Hill End	RC	679655	6834476	474	150	-60	65
RXRC018	Hill End	RC	679644	6834383	478	150	-60	65
RXRC019	Hill End	RC	679660	6834341	476	160	-60	65
RXRC020	Youanmi South	RC	680117	6833006	457	80	-60	65
RXRC021	Youanmi South	RC	680117	6833033	456	80	-60	65
RXRC022	Youanmi South	RC	680107	6833050	457	72	-60	65
RXRC023	Youanmi South	RC	680281	6833183	455	50	-60	65
RXRC024	Youanmi South	RC	680296	6833138	457	160	-60	65
RXRC025	Mill	RC	680218	6833659	460	120	-50	65
RXRC026	Mill	RC	680158	6833635	459	120	-50	65
RXRC027	Mill	RC	680202	6833652	460	120	-50	245
RXRC028	Mill	RC	680139	6833624	459	120	-50	245
RXRC029	Plant Zone	RC	680035	6834590	466	140	-60	65
RXRC030	Plant Zone	RC	680203	6834630	464	120	-60	60
RXRC031	Plant Zone	RC	680253	6834663	463	60	-60	60
RXRC032	Plant Zone	RC	680209	6834684	463	100	-60	60
RXRC033	Plant Zone	RC	680043	6834693	465	80	-60	65
RXRC034	Plant Zone	RC	680195	6834747	463	100	-60	60
RXRC035	Plant Zone	RC	680208	6834822	463	80	-60	60
RXRC036	Plant Zone	RC	680181	6834897	463	100	-60	245
RXRC037	Plant Zone	RC	680245	6834928	462	120	-60	245
RXRC038	Plant Zone	RC	680156	6834996	464	120	-60	60
RXRC039	Plant Zone	RC	680109	6834967	464	120	-60	60
RXRC040	Plant Zone	RC	679980	6835177	466	120	-55	245
RXRC041	Plant Zone	RC	679945	6835243	466	100	-60	245
RXRC042	Plant Zone	RC	679846	6835242	465	60	-60	245
RXRC043	Plant Zone	RC	679921	6835273	466	100	-60	245
RXRC044	Plant Zone	RC	679878	6835167	466	100	-60	245
RXRC045	Plant Zone	RC	679863	6835208	465	100	-60	245
RXRC046	Plant Zone	RC	679922	6835000	465	120	-60	65
RXRC047	Plant Zone	RC	679871	6835064	465	140	-60	65
RXRC048	Commonwealth	RC	677770	6836065	478	108	-60	65
RXRC049	Commonwealth	RC	677775	6836081	478	120	-60	65
RXRC050	Commonwealth	RC	677773	6836049	477.8	120	-60	65
RXRC051	Commonwealth	RC	677767	6836134	478	100	-60	65

RXRC052	Commonwealth	RC	677759	6836047	478	138	-60	65
RXRC053	Youanmi South	RC	680274	6833105	457	160	-60	65
RXRC054	Youanmi South	RC	680307	6833167	455	120	-60	65
RXRC055	Plant Zone	RC	679656	6835580	465	120	-60	65
RXRC056	Plant Zone	RC	679703	6835600	465	86	-60	65
RXRC057	Plant Zone	RC	679529	6835827	470	80	-60	65
RXRC058	Plant Zone	RC	679568	6835845	470	80	-60	65
RXRC059	Rebel Embayment	RC	679235	6835203	457	138	-50	180
RXRC060	Rebel Embayment	RC	679283	6835069	472	80	-55	70
RXRC061	Rebel Embayment	RC	679372	6835009	470.9	140	-60	270
RXRC062	Youanmi South	RC	680263	6833355	457.5	150	-50	245
RXRC063	Youanmi South	RC	680196	6833444	457.6	130	-60	65
RXRC064	Youanmi South	RC	680221	6833484	457.7	150	-59	65
RXRC065	Main W	RC	679698	6833542	459.9	160	-60	65
RXRC066	Youanmi South	RC	680740	6832321	455.8	120	-56	270
RXRC067	Youanmi South	RC	680509	6832780	456.5	120	-60	65
RXRC068	Youanmi South	RC	680466	6832755	456.6	108	-55	65
RXRC069	Main W	RC	679588	6833578	461.5	175	-63	65
RXRC070	United NE	RC	679624	6834773	466.9	90	-60	70
RXRC071	United NE	RC	679612	6834810	466.4	100	-60	70
RXRC072	United NE	RC	679421	6834881	468.1	80	-60	50
RXRC073	Youanmi South	RC	680199	6833472	457.9	144	-60	65
RXRC074	Commonwealth	RC	679955	6834109	465.1	70	-60	65
RXRC075	Commonwealth	RC	677751	6836076	477.2	117	-60	65
RXRC076	Commonwealth	RC	677751	6836056	477.9	116	-60	65
RXRC077	Commonwealth	RC	677767	6836032	477.5	112	-60	65
RXRC078	Commonwealth	RC	677821	6835908	479.8	80	-60	65
RXRC079	Commonwealth	RC	677820	6835889	480.2	90	-60	65
RXRC081	Commonwealth	RC	677819	6835866	480.2	96	-60	65
RXRC082	Townwell	RC	677827	6834810	470	130	-60	65
RXRC083	Kurrajong North	RC	678710	6835389	461.5	100	-60	65
RXRC084	Plant Zone	RC	680016	6834632	464.4	132	-60	65
RXRC085	Plant Zone	RC	680237	6834605	462	105	-60	65
RXRC086	Plant Zone	RC	680127	6834643	464	90	-60	65
RXRC087	Plant Zone	RC	680225	6834813	462	96	-60	65
RXRC088	Plant Zone	RC	680259	6834842	462.6	48	-60	65
RXRC089	Plant Zone	RC	680233	6834856	465	84	-60	65

RXRC090	Plant Zone	RC	680008	6834835	465	102	-60	65
RXRC091	Plant Zone	RC	679998	6834891	465.2	90	-60	65
RXRC092	Plant Zone	RC	679854	6835160	465.8	114	-60	65
RXRC093	Plant Zone	RC	679812	6835219	465.7	108	-60	65
RXRC094	Plant Zone	RC	679832	6835174	465.7	126	-60	65
RXRC095	Plant Zone	RC	680136	6834882	462.8	120	-60	65
RXRC096	Plant Zone	RC	680147	6834925	463.48	120	-60	65
RXRC097	Plant Zone	RC	680010	6834793	464.74	120	-60	65
RXRC098	Plant Zone	RC	679958	6834907	464.89	120	-60	65
RXRC100	Plant Zone	RC	680209	6834721	463.19	114	-60	65
RXRC101	Plant Zone	RC	680071	6834705	464.54	60	-60	65
RXRC102	Plant Zone	RC	680232	6834700	463.1	90	-60	65

## JORC Table 1 - Section 1 Data and Sampling Techniques

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i>	RC hole diameter was 5.5" (140 mm) reverse circulation percussion (RC). Sampling of RC holes was undertaken by collecting 1m cone split samples at intervals.  Drill holes were generally angled at -65° towards grid northeast (but see Table for individual hole dips and azimuths) to intersect geology as close to perpendicular as possible.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used</i>	Drillhole locations were picked up by handheld GPS. Logging of drill samples included lithology, weathering, texture, moisture and contamination (as applicable). Sampling protocols and QAQC are as per industry best practice procedures.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information</i>	RC drillholes were sampled on 1m intervals using riffle or cone splitter units.  Samples were sent to Intertek Genalysis in Perth, crushed to 10mm, dried and pulverised (total prep) in LM5 units (Some samples > 3kg were split) to produce a sub-sample. The pulps were analysed by 50g Fire Assay with ICP-OES (Intertek code FA25/OE).
<b>Drilling techniques</b>	<i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	Drilling technique was Reverse Circulation (RC). The RC hole diameter was 140mm face sampling hammer. Hole depths reported range from 60m to 160m.
<b>Drill sample recovery</b>	<i>Method of recording and assessing core and chip sample recoveries and results assessed</i>	RC drill recoveries were high (>90%).
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples</i>	RC samples were visually checked for recovery, moisture and contamination and notes made in the logs.
	<i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	There is no observable relationship between recovery and grade, and therefore no sample bias.
<b>Logging</b>	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	Detailed geological logs have been carried out on all RC drill holes, but no geotechnical data have been recorded (or is possible to be recorded due to the nature of the sample). The geological data would be suitable for inclusion in a Mineral Resource estimate.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	Logging of RC chips recorded lithology, mineralogy, mineralisation, weathering, colour, and other sample features. RC chips are stored in plastic RC chip trays.
	<i>The total length and percentage of the relevant intersections logged</i>	All holes were logged in full.



Criteria	JORC Code explanation	Commentary
<b>Sub-sampling techniques and sample preparation</b>	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	N/A
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	RC samples were collected on the drill rig using a cone splitter. If any mineralised samples were collected wet these were noted in the drill logs and database.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	The sample preparation followed industry best practice. Fire Assay samples were dried, coarse crushing to ~10mm, followed by pulverisation of the entire sample in an LM5 or equivalent pulverising mill to a grind size of 85% passing 75 micron.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	Field QC procedures involve the use of Certified Reference Materials (CRM's) as assay standards, along with duplicates and blank samples. The insertion rate of these was approximately 1:20.
	<i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i>	For RC drilling field duplicates were taken on a routine basis at an approximate 1:20 ratio using the same sampling techniques (i.e. cone splitter) and inserted into the sample run.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	The sample sizes are considered more than adequate to ensure that there are no particle size effects relating to the grain size of the mineralisation which lies in the percentage range.
<b>Quality of assay data and laboratory tests</b>	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	The analytical technique involved Fire Assay 50g.
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i>	No geophysical or portable analysis tools were used to determine assay values stored in the database.
	<i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	Internal laboratory control procedures involve duplicate assaying of randomly selected assay pulps as well as internal laboratory standards. All of these data are reported to the Company and analysed for consistency and any discrepancies.  Check assays were undertaken at an independent third party assay laboratory and correlated extremely well.
<b>Verification of sampling and assaying</b>	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Senior personnel from the Company (Managing Director and Senior Geologist) have visually inspected mineralisation within significant intersections.
	<i>The use of twinned holes.</i>	Twin drilling by Rox in shallower areas has verified the drill results of previous explorers.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	Primary data was collected using a standard set of Excel templates on Toughbook laptop computers in the field. These data are transferred to Geobase Pty Ltd for data verification and loading into the database.

Criteria	JORC Code explanation	Commentary
	<i>Discuss any adjustment to assay data.</i>	No adjustments or calibrations have been made to any assay data.
<b>Location of data points</b>	<i>Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i>	Not applicable. A hand held GPS has been used to determine collar locations at this stage, however DGPS collar surveys will be undertaken by a licensed surveyor shortly.
	<i>Specification of the grid system used.</i>	The grid system is MGA_GDA94, zone 50 for easting, northing and RL.
	<i>Quality and adequacy of topographic control.</i>	The topography of the mined open pits is well defined by historic monthly survey pickups
<b>Data spacing and distribution</b>	<i>Data spacing for reporting of Exploration Results.</i>	The drill hole spacing is approximately 40-100 metres between drill sections.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i>	Data spacing and distribution are sufficient to establish the degree of geological and grade continuity appropriate for JORC(2012) classifications applied.
	<i>Whether sample compositing has been applied.</i>	For RC samples, sample compositing occurred over 4 metre intervals.
<b>Orientation of data in relation to geological structure</b>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	The mineralisation strikes generally north-south and dips to the west at between -50 to -70 degrees. The drill orientation was 090 degrees and -60 dip. Drilling is believed to be generally perpendicular to strike.
	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	No sampling bias is believed to have been introduced.
<b>Sample security</b>	<i>The measures taken to ensure sample security.</i>	Sample security is managed by the Company. After preparation in the field samples are packed into polyweave bags and despatched to the laboratory. For a large number of samples these bags were transported by the Company directly to the assay laboratory. In some cases the sample were delivered by a transport contractor the assay laboratory. The assay laboratory audits the samples on arrival and reports any discrepancies back to the Company. No such discrepancies occurred.
<b>Audits or reviews</b>	<i>The results of any audits or reviews of sampling techniques and data.</i>	No audits have yet been completed.

## JORC Table 1 - Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<p><i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></p> <hr/> <p><i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></p>	<p>Rox Resources Ltd has entered into a Joint Venture Agreement with Venus Metals Corporation Ltd to to acquire an initial 50% interest in the Youanmi Gold Mine Joint Venture (OYG Joint Venture). Tenements in the JV consist of the following mining leases: M 57s /10, 51,76,97,109, 135, 160A, 164, 165, 166 and 167.</p> <hr/> <p>The tenement is in good standing and no known impediments exist.</p>
<b>Exploration done by other parties</b>	<p><i>Acknowledgment and appraisal of exploration by other parties.</i></p>	<p>Significant previous exploration has been carried out throughout the project by various companies, including AC/RAB, RC drilling and diamond drilling 1971-1973 WMC: RAB, RC and surface diamond drilling 1976 Newmont: 10 surface diamond drillholes (predominantly targeting base metals). 1980-1986 BHP: RAB, RC and surface diamond drilling (predominantly targeting base metals). 1986-1993 Eastmet: RAB, RC and surface diamond drilling. 1993-1997 Goldmines of Australia: RAB, RC and surface diamond drilling. Underground mining and associated underground diamond drilling. 2000-2003 Aquila Resources Ltd: Shallow RAB and RC drilling 2004-2005 Goldcrest Resources Ltd: Shallow RAB and RC drilling; data validation. 2007- 2013 Apex Minerals NL: 9 diamond holes targeting extensions to the Youanmi deeps resource.</p>

Criteria	JORC Code explanation	Commentary
<p><b>Geology</b></p>	<p><i>Deposit type, geological setting and style of mineralisation.</i></p>	<p>The Youanmi Project straddles a 40km strike length of the Youanmi Greenstone Belt, lying within the Southern Cross Province of the Archaean Yilgarn Craton in Western Australia. The greenstone belt is approximately 80km long and 25km wide, and incorporates an arcuate, north-trending major crustal structure termed the Youanmi Fault Zone. This structure separates two discordant greenstone terrains, with the stratigraphy to the west characterised by a series of weakly deformed, layered mafic complexes (Windimurra, Black Range, Youanmi and Barrambie) enveloped by strongly deformed, north-northeast trending greenstones. Gold mineralisation is developed semi-continuously in shear zones over a strike length of 2,300m along the western margin of the Youanmi granite.</p> <p>The Youanmi gold lodes are invariably associated with a high pyrite and arsenopyrite content and the primary ore is partially to totally refractory.</p> <p>There are a series of major fault systems cutting through the Youanmi trend mineralisation that have generated some significant off-sets.</p> <p>The Youanmi Deeps project area is subdivided into three main areas or fault blocks by cross-cutting steep south-east trending faults; and these are named Pollard, Main, and Hill End from south to north respectively.</p> <p>Granite hosted gold mineralisation occurs at several sites, most notably the Plant Zone Prospect, located immediately north-northeast of the Main Pit and processing plant. Gold mineralization occurs as free particles within the sulphide-poor stockwork quartz veining, controlled by shallow west dipping shear zones, within a deeply weathered granite host. Mineralised envelopes extend over a strike length of at least 1,200m.</p> <p>The Commonwealth-Connemarra mineralised trend is centred 4km northwest of the Youanmi plant. The geology comprises a sequence of folded mafic and felsic volcanic rocks intercalated with BIF and intruded by granite along the eastern margin. Gold mineralisation is developed over a 600m strike length, associated with a north trending and steeply west dipping shear zone that traverses the northwest trending succession.</p>
<p><b>Drill hole Information</b></p>	<p><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i></p> <ul style="list-style-type: none"> <li>• <i>easting and northing of the drill hole collar</i></li> <li>• <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>• <i>dip and azimuth of the hole</i></li> <li>• <i>down hole length and interception depth</i></li> <li>• <i>hole length.</i></li> </ul>	<p>Refer to drill results Table/s and the Notes attached thereto.</p>
<p><b>Data aggregation methods</b></p>	<p><i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</i></p>	<p>All reported assay intervals have been length weighted. No top cuts have been applied. A lower cut-off of 0.5g/t Au was applied. See Notes to Table/s.</p>



Criteria	JORC Code explanation	Commentary
	<p>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</p>	High grade intervals internal to broader zones of mineralisation are reported as included intervals. See Table/s.
	<p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>	No metal equivalent values have been used or reported.
<b>Relationship between mineralisation widths and intercept lengths</b>	<p>These relationships are particularly important in the reporting of Exploration Results.</p> <p>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</p> <p>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</p>	No definite relationships between mineralisation widths and intercept lengths are known from this drilling due to the highly weathered nature of the material sampled.
<b>Diagrams</b>	<p>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</p>	Refer to Figures and Table in the text.
<b>Balanced reporting</b>	<p>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</p>	Representative reporting of both low and high grades and widths is practiced.
<b>Other substantive exploration data</b>	<p>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</p>	All meaningful and material information has been included in the body of the announcement.
<b>Further work</b>	<p>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</p> <p>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive</p>	Further work (RC and diamond drilling) is justified to locate extensions to mineralisation both at depth and along strike.