ASX ANNOUNCEMENT

RRL1760D

8 July 2021

Link Prospect emerges as key Youanmi Gold Project resource growth target

Highlights:

- **Assays received for 7 RC holes drilled at Link Prospect (May 2021). All holes intersected gold mineralisation.**
- **Assaying of previously unsampled historical diamond core returns 6.1m @ 8.22g/t at Link. Re-sampling program continues.**
- **High-grade mineralisation extended down plunge at Link.**

  RXRC390: 5m @ 5.96g/t Au from 138m

  RXRC389: 4m @ 3.71g/t Au from 216m

  RXRC386: 4m @ 2.98g/t Au from 162m
- **RC and diamond drilling continues at new high priority targets, Grace South, Link and Junction.**
- **Assays pending for 8 RC holes and 9 diamond holes at Junction and Link areas.**

Australian gold company, Rox Resources Limited ("Rox" or "the Company") (ASX: RXL, which is currently trading on a deferred settlement basis: **RXLDB**), in conjunction with its joint venture partner Venus Metals Corporation Limited (ASX: VMC) is pleased to provide an update on exploration activities at Youanmi Gold Project near Mt Magnet, WA, in the OYG JV area (Rox 70% and Manager, VMC 30%).

Drilling continues at Youanmi with an RC rig and two Diamond drill rigs operating on site. An additional diamond rig and an aircore rig are set to join the program shortly.

Assay results have been received for seven holes from the current RC program being undertaken at the Link Prospect (Figure 1). These holes were drilled during May. Results are awaited for eight RC and nine diamond holes with drilling ongoing.

The highlight of this round of results include **3m @ 4.42g/t Au from 101m and 5m @ 5.96g/t Au from 138m, including 2m @ 12.9g/t Au from 138m** intersected in RXRC390 (Table 1, Figure 2).

Managing Director Alex Passmore commented: *"Exploration at Youanmi continues to be very active with our rig count growing. These results from Link are from drilling completed in May as our exploration program on the ground was gathering pace. It's highly encouraging to report new mineralised*

ROX RESOURCES LIMITED

ASX: RXL (9 July onwards)

ASX: RXLDB (deferred Settlement Trading until 9 July 2021)

***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.*

Shares on Issue	157.6m
Share Price	$0.46
Market Cap.	$72.5m
Cash & Receivables (incl $3.75m receivable, cash as at 31 Mar 2021)	$18.1m

Level 2, 87 Colin Street,
West Perth WA 6005

+61 8 9226 0044

admin@roxresources.com.au
www.roxresources.com.au

Follow Rox:

positions previously unrecognised close to existing mine development. We look forward to updating the market as more drill results come to hand."

The results define a zone of high-grade mineralisation within close proximity to both the base of historic open pits and in some cases close to existing underground development.

The current program testing depth extensions to high-grade ore shoots down plunge at Junction and Link. Additionally, step out drilling will test Rox's exploration model with the aim of identifying recurring NW-plunging ore shoots within SW-plunging mineralised envelopes (Figure 1 and 2).

Link Target Area

The Link target area is situated within the Northern Mineralised Envelope that hosts the high-grade United North, Kathleen and Rebel-Kurrajong open pits and Hill End underground mine. At Link, a strongly mineralised North-South trending conjugate structure intersects the NW trending Mine Shear and forms multiple north plunging high-grade ore shoots (Figure 1).

The RC holes reported in this announcement (RXRC386: 4m @ 2.98g/t Au from 162m, RXRC389: 4m @ 3.71g/t Au from 216m, RXRC390: 3m @ 4.42g/t Au from 101m and 5m @ 5.96g/t Au from 138m, including 2m @ 12.9g/t Au from 138m) continue to demonstrate the Link area has strong potential to significantly enhance near mine gold inventory with close proximity to historical open pits and existing underground development (Figures 2 and 3).

The Link Target area, and similarly the Junction target area, are depth extension zones that have not previously been effectively explored, yet offer the potential to return significant depth extensions of surface mineralisation as has been previously delineated and mined in the Mine and Hill End mineralised envelopes (see Figure 1).

Recent Modelling Demonstrates Upside in Historically Unsampled Locations

As part of an ongoing review of historical Younanmi data, the Company has begun relogging and sampling of historic diamond core where insufficient or no sampling has previously occurred. Recent geological modelling of interpreted mineralised lodes by Rox has identified significant areas where mineral resource estimation may be possible simply using unsampled historical core.

Encouragingly, sampling of diamond hole 94KRCD0355 has extended an historic intersection to 6.1m @ 8.22g/t (previously 2m @ 15g/t Au, ASX: RXL 17 April 2019) beneath the Kathleen Pit at Link. This early result from the sampling of historic drill core validates Rox's approach to the historical data review as a cost-effective initiative to improve both the geological and resource models and highlights the untapped potential at Younanmi.

Forward plan

The current diamond and RC drilling program will target the Junction and Link areas, which continue to show strong potential to enhance and grow near mine gold resource inventory. The economic prospects of the Younanmi resource are considered strong being close to existing underground development.

The Company will continue to update the market on further results of ongoing drilling programs as they come to hand.

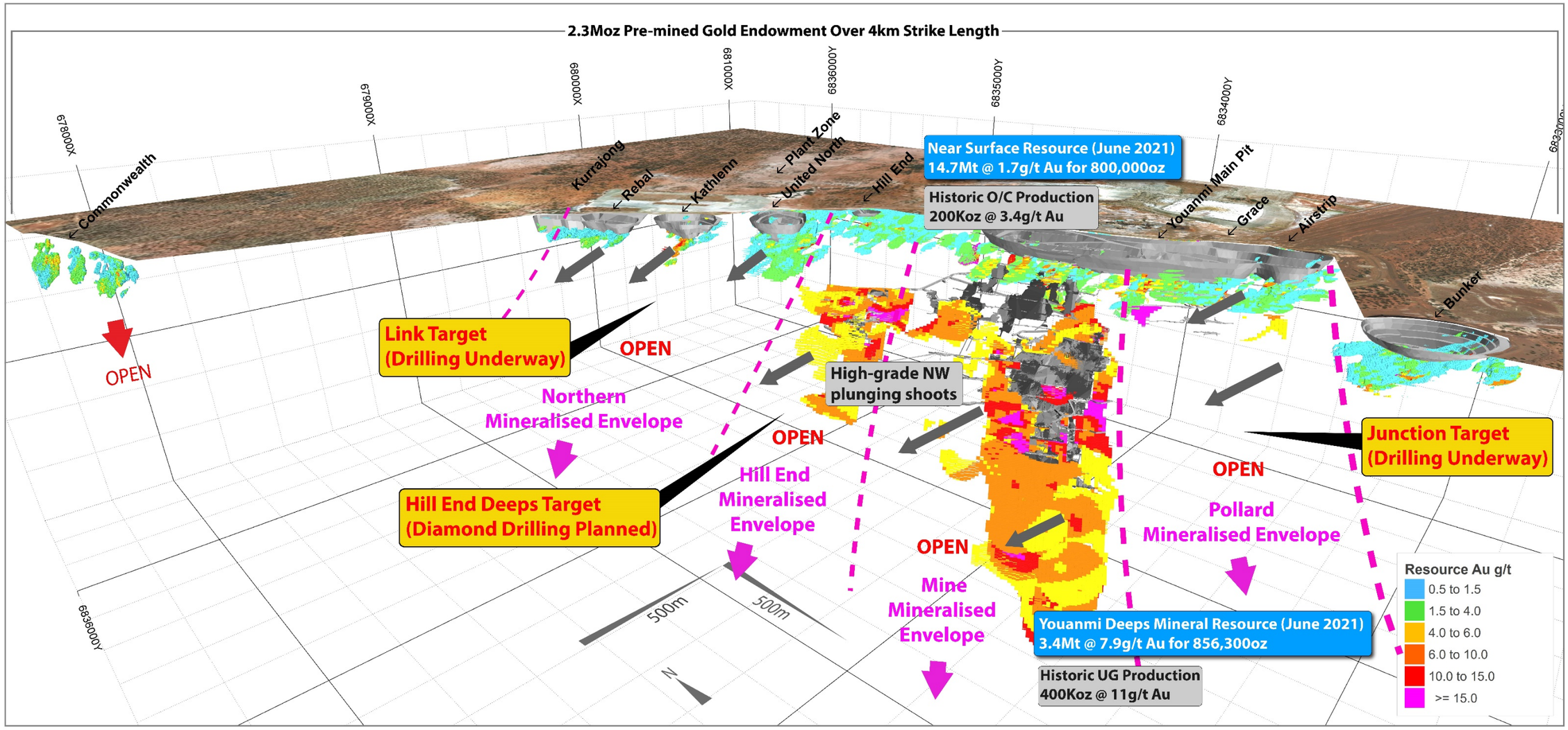

Figure 1. Oblique view of the Youanmi Mine Area looking NE. Grey arrows show orientation of high-grade shallow NW plunging shoots within steeply plunging mineralised envelopes (dashed magenta lines).

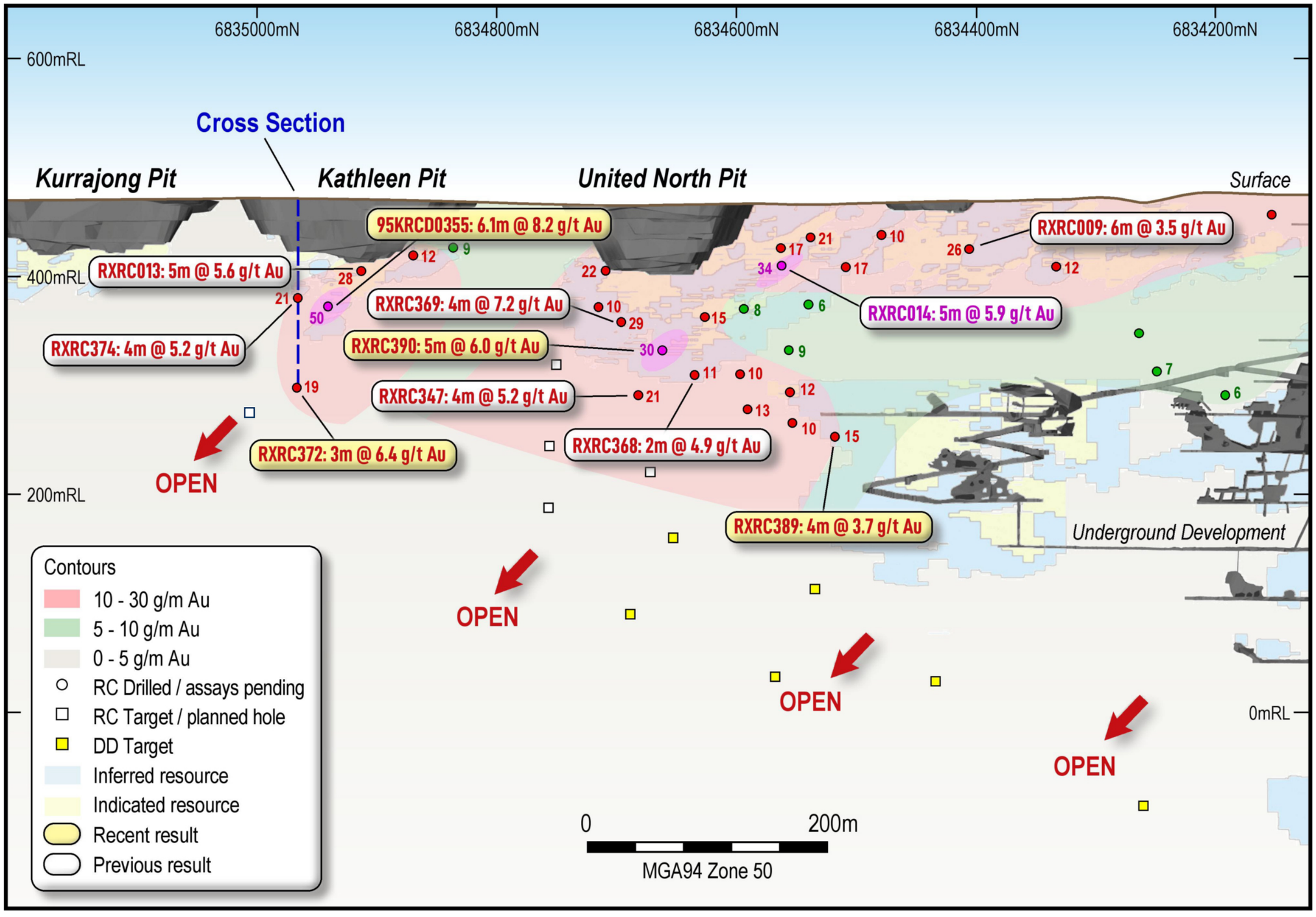

Figure 2. Link Target Area Long Section.

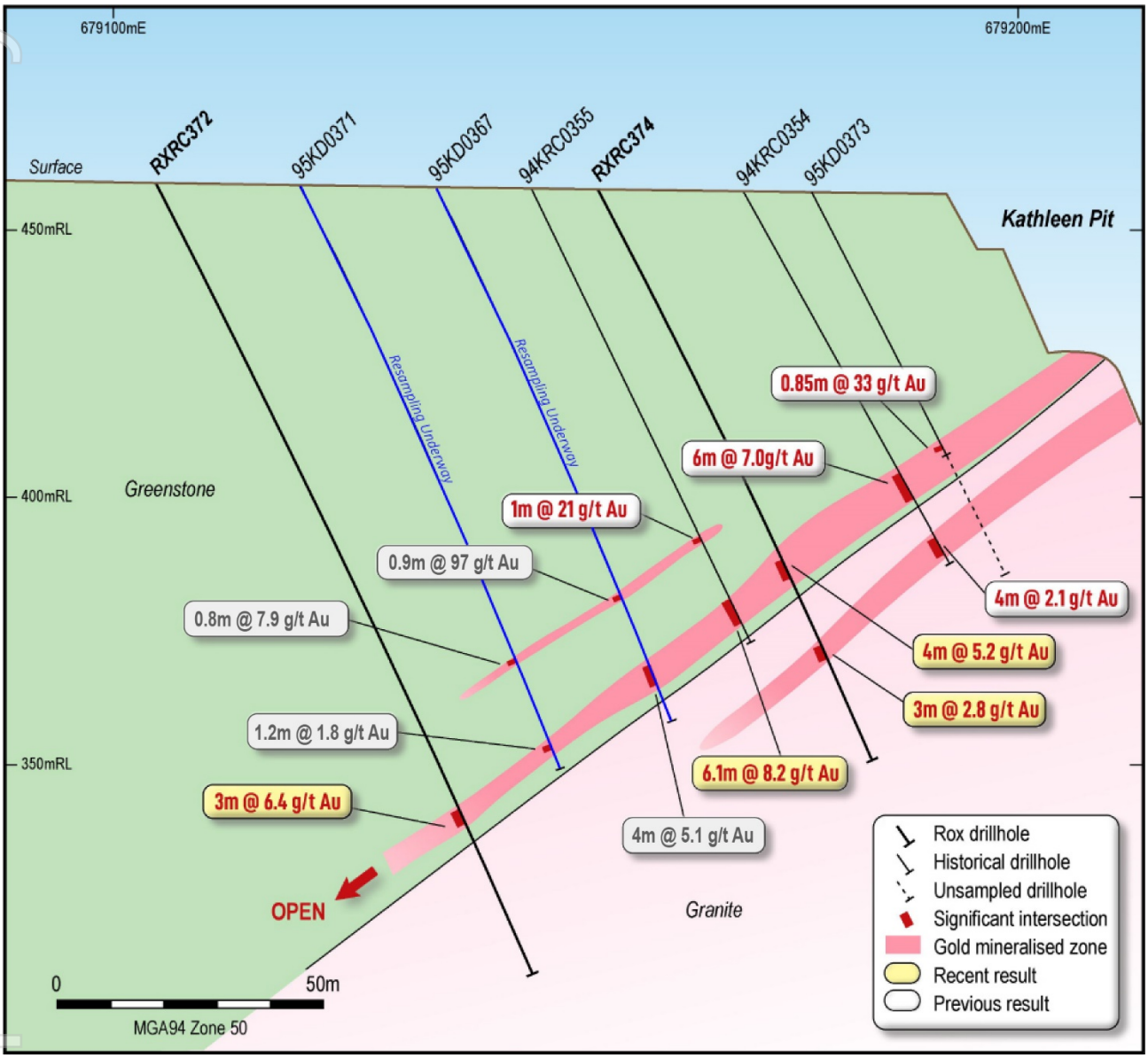

Figure 3 Kathleen Cross Section.

Authorised for release to the ASX by Alex Passmore, Managing Director

***** ENDS *****

For more information:

Alex Passmore
Managing Director
Rox Resources Limited
Tel: +61 8 9226 0044
E: admin@roxresources.com.au

Matt Hogan
Managing Director
Venus Metals Corporation Limited
Tel: +61 8 9321 7541

Table 1 – Significant Intersections

Hole ID	Prospect	Drill type	From	to	Interval	Au g/t	Au g.m
RXRC386	Link	RC	125	127	2	1.82	3.64
RXRC386	Link	RC	162	166	4	2.98	11.92
RXRC387	Link	RC	144	145	1	2.5	2.5
RXRC388	Link	RC	117	118	1	1.84	1.84
RXRC388	Link	RC	122	123	1	1.19	1.19
RXRC388	Link	RC	131	132	1	0.62	0.62
RXRC388	Link	RC	134	138	4	1.13	4.52
RXRC388	Link	RC	142	144	2	0.53	1.06
RXRC388	Link	RC	164	168	4	0.63	2.52
RXRC389	Link	RC	174	175	1	2.68	2.68
RXRC389	Link	RC	216	220	4	3.71	14.84
RXRC389	Link	RC	263	267	4	1.06	4.24
RXRC389	Link	RC	270	271	1	1.26	1.26
RXRC390	Link	RC	36	40	4	0.7	2.8
RXRC390	Link	RC	101	104	3	4.42	13.26
RXRC390	Link	RC	109	111	2	1.83	3.66
RXRC390	Link	RC	122	126	4	1.3	5.2
RXRC390	Link	RC	138	143	5	5.96	29.8
RXRC391	Link	RC	0	4	4	0.59	2.36
RXRC391	Link	RC	91	92	1	0.65	0.65
RXRC391	Link	RC	97	105	8	1.23	9.84
RXRC391	Link	RC	112	113	1	0.53	0.53
RXRC391	Link	RC	115	120	5	0.64	3.2
RXRC391	Link	RC	125	126	1	0.58	0.58
RXRC391	Link	RC	130	131	1	0.99	0.99
RXRC392	Link	RC	48	52	4	0.63	2.52
RXRC392	Link	RC	92	96	4	0.76	3.04
RXRC392	Link	RC	128	134	6	1.29	7.74
94KRCD0355	Link	DD	102.9	109	6.1	8.22	50.11

Table 2 - Collar Locations and Drilling Details

Hole ID	Prospect	Drill Type	East	North	RL	Depth	Dip	Azi	Comments
RXRC386	Link	RC	679708	6834135	469	180	-71	65	
RXRC387	Link	RC	679685	6834214	476	200	-80	65	
RXRC388	Link	RC	679409	6834453	468	192	-60	65	
RXRC389	Link	RC	679253	6834418	465	276	-60	65	
RXRC390	Link	RC	679349	6834641	468	170	-60	65	
RXRC391	Link	RC	679341	6834685	470	144	-60	65	
RXRC392	Link	RC	679283	6834675	468	177	-60	65	
RXRC393	Link	RC	679228	6834650	469	256	-60	65	Assays pending
RXRC394	Link	RC	679242	6834621	469	252	-65	65	Assays pending
RXRC395	Junction	RC	679770	6833599	459	205	-60	65	Assays pending

RXRC396	Junction	RC	679925	6833407	457	270	-54	65	Assays pending
RXRC397	Youanmi S	RC	680233	6833198	455	282	-60	91	Assays pending
RXRC398	Junction	RC	679789	6833570	456	263	-57	65	Assays pending
RXRC400	Junction	RC	679807	6833509	455	300	-53	67	Assays pending
RXRC402	Link	RC	679342	6834561	467	200	-60	65	Assays pending
RXDD011	Link	DD	679208	6834416	465	352	-63	62	Assays pending
RXDD012	Link	DD	679105	6834158	464	478	-60	65	Assays pending
RXDD014	Junction	DD	679528	6833528	461	706	-60	65	Assays pending
RXDD014W1	Junction	DD	679528	6833528	461	670	-60	65	Assays pending
RXDD016	Junction	DD	679836	6833480	457	505	-60	65	Assays pending
RXDD017	Junction	DD	679797	6833547	456	345	-50	65	Assays pending
RXDD018	Link	DD	679204	6834480	465	353	-60	62	Assays pending
RXDD019	Link	DD	678935	68343500	468	548	-60	59	Assays pending
RXDD021	Link	DD	679104	6834517	466	327	-61	62	Assays pending
94KRCD0355	Link	DD	679167	6834883	670	110	-70	64	

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 Exploration Manager 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 the original announcement to the 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 23 June 2021 (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 23 June 2021, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 23 June 2021 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.

The information in this report that relates to nickel Mineral Resources for the Fisher East project was reported to the ASX on 5 February 2016 (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 5 February 2016, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 5 February 2016 continue to apply and have not materially changed.

The information in this report that relates to nickel Mineral Resources for the Collurabbie project was reported to the ASX on 18 August 2017 (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 18 August 2017, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 18 August 2017 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.

About Rox Resources

Rox Resources (ASX:RXL) is a West Australian focused gold exploration and development company. It is 70 per cent owner and operator of the historic Youanmi Gold Project near Mt Magnet, approximately 480 kilometres northeast of Perth, and wholly-owns the Mt Fisher Gold project approximately 140 kilometres southeast of Wiluna. Youanmi has a Total Mineral Resource of 1,656 koz of contained gold, with potential for further expansion with the integration of existing prospects into the Resource and further drilling. Youanmi was a high-grade gold mine and produced 667,000ozof gold (at 5.47 g/t Au) before it closed in 1997. Youanmi is classified as a disturbed site and is on existing mining leases which has significant existing infrastructure to support a return to mining operations.

JORC Table 1 - Section 1 Data and Sampling Techniques

Criteria	JORC Code explanation	Commentary
Sampling techniques	*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.*	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. Diamond drill hole core size is NQ2 size diameter through the mineralisation. Sampling of diamond holes was by cut half core as described further below. Drill holes were generally angled at -65^0 towards grid northeast (but see Table for individual hole dips and azimuths) to intersect geology as close to perpendicular as possible.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used	Drillhole locations were picked up by differential 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.
	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	RC drillholes were sampled on 1m intervals using a cone splitter. Diamond core is dominantly NQ2 size, sampled on geological intervals, with a minimum of 0.2 m up to a maximum of 1.2 m. HQ and NQ2 holes were cut in half, with one half sent to the lab and one half retained. 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. RC and diamond pulps were analysed by 50g Fire Assay with ICP-OES (Intertek code FA50/OE).
Drilling techniques	*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).*	Drilling technique was Reverse Circulation (RC) and diamond core (DD). The RC hole diameter was 140mm face sampling hammer. Hole depths reported range from 50m to 250m for RC and 350m to 700m for diamond.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed*	RC drill recoveries were high (>90%).
	Measures taken to maximise sample recovery and ensure representative nature of the samples	Samples were visually checked for recovery, moisture and contamination and notes made in the logs.
	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.	There is no observable relationship between recovery and grade, and therefore no sample bias.

Criteria	JORC Code explanation	Commentary
Logging	*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.*	Detailed geological logs have been carried out on all RC, but no geotechnical data have been recorded (or is possible to be recorded due to the nature of the sample). Detailed geological and geotechnical logs were carried out on all diamond drill holes for recovery, RQD, structures etc. which included structure type, dip, dip direction, alpha angle, beta angle, texture, shape, roughness, fill material, and this data is stored in the database. The geological data would be suitable for inclusion in a Mineral Resource estimate.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Logging of diamond core and RC chips recorded lithology, mineralogy, mineralisation, weathering, colour, and other sample features. RC chips are stored in plastic RC chip trays.
	The total length and percentage of the relevant intersections logged	All holes were logged in full.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	Drill core was cut in half on site using a core saw. All samples were collected from the same side of the core, preserving the orientation mark in the kept core half.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	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.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	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.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	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.
	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.	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. No diamond core field duplicates were taken.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	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.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	The analytical technique involved Fire Assay 50g.
	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.	No geophysical or portable analysis tools were used to determine assay values stored in the database.

Criteria	JORC Code explanation	Commentary
	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.	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.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	Senior personnel from the Company have visually inspected mineralisation within significant intersections.
	The use of twinned holes.	Two twin RC holes have been completed at the Grace Prospect and confirm reliability of previous results.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	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.
	Discuss any adjustment to assay data.	No adjustments or calibrations have been made to any assay data.
Location of data points	*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.*	Drill hole locations have been established using a field GPS unit.
	Specification of the grid system used.	The grid system is MGA_GDA94, zone 50 for easting, northing and RL.
	Quality and adequacy of topographic control.	The topography of the mined open pits is well defined by historic monthly survey pickups
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	RC and diamond drill hole spacing varies 40-200 metres between drill sections, with some areas at 40 metre drill section spacing. Down dip step-out distance varies 20-100 metres.
	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.	Data spacing and distribution are sufficient to establish the degree of geological and grade continuity appropriate for JORC(2012) classifications applied.
	Whether sample compositing has been applied.	No sample compositing has occurred for diamond core drilling. Sample intervals are based on geological boundaries with even one metre samples between. For RC samples, 1m samples through target zones were sent to the laboratory for analysis. The remainder of the hole was sampled using 4m composite samples. For 4m composite samples >0.2g/t Au, 1m samples were collected and sent to the laboratory for analysis.
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*	The mineralisation strikes generally NNW-SSE and dips to the west at approximately -50 degrees. The drill orientation was 065 and 245 degrees and -60 to -90 dip. Drilling is believed to be generally perpendicular to strike.
	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.	No sampling bias is believed to have been introduced.

Criteria	JORC Code explanation	Commentary
Sample security	*The measures taken to ensure sample security.*	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.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	No audits have yet been completed.

JORC Table 1 - Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	*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.*	Rox Resources Ltd is in a Joint Venture Agreement with Venus Metals Corporation Ltd under which it has a 70% 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.
	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.	The tenement is in good standing and no known impediments exist.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	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.

Criteria	JORC Code explanation	Commentary
Geology	*Deposit type, geological setting and style of mineralisation.*	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. The Youanmi gold lodes are invariably associated with a high pyrite and arsenopyrite content and the primary ore is partially to totally refractory. There are a series of major fault systems cutting through the Youanmi trend mineralisation that have generated some significant off-sets. 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. Granite hosted gold mineralisation occurs at several sites, most notably Grace and the Plant Zone Prospects. Gold mineralization occurs as free particles within quartz-sericite altered granite shear zones. 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.
Drill hole Information	*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:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.*	Refer to drill results Table/s and the Notes attached thereto.
Data aggregation methods	*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.*	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 for RC and diamond core.
	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.	Mineralisation over 0.5g/t Au has been included in aggregation of intervals for RC and diamond core.

Criteria	JORC Code explanation	Commentary
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values have been used or reported.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *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').*	The mineralisation strikes generally NNW-SSE and dips to the west at approximately -50 degrees. The drill orientation was 065 and 245 degrees and -60 to -90 dip. Drilling is believed to be generally perpendicular to strike. Given the angle of the drill holes and the interpreted dip of the host rocks and mineralisation (see Figures in the text), reported intercepts approximate true width.
Diagrams	*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.*	Refer to Figures and Table in the text.
Balanced reporting	*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.*	Representative reporting of both low and high grades and widths is practiced.
Other substantive exploration data	*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.*	All meaningful and material information has been included in the body of the announcement.
Further work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive*	Further work (RC and diamond drilling) is justified to locate extensions to mineralisation both at depth and along strike.