

**ASX Announcement** 

DATE: 16 October 2023

# RC Drill Program Commences at Queen Alexandra

## Highlights:

- Reverse circulation (RC) drill program commences at Queen Alexandra prospect
- Drill program designed to confirm shallow mineralisation at Queen Alexandra in the context of establishing a maiden JORC compliant resource
- In the heart of the WA goldfields, Queen Alexandra emerging as a potential near term development opportunity with gold at over A\$2,900 per oz
- A total of 38 holes planned for up to 2,000 metres
- Comprehensive site visit completed last month by Dr. S. Carras confirmed multiple historical prospects within the wider Redcastle tenure

Redcastle Resources Limited ("RC1" or "The Company") is pleased to advise that reverse circulation (RC) drilling has commenced at its 100% owned Queen Alexandra ("QA") prospect.

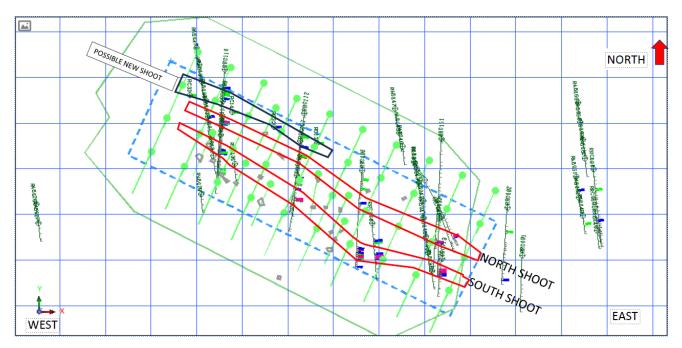
The drill program was designed following an extensive technical review of historical exploration activity together with multiple site visits by geological consultants Carras Mining Pty Ltd ("CMPL"). In order to allow downhole surveys to be carried out and for capacity to drill selective deeper targets (at a later date), a decision was reached to undertake reverse circulation drilling rather than aircore drilling.

#### RC Drilling Programme – Queen Alexandra

CMPL has recommended a 38 hole RC drilling program at QA. It will include targeted drill holes beneath historical shafts to provide confidence in the extent of additional mineralisation in the top 45m, as well as the historical stope depletion in this area. Early historical shafts generally extend down to approximately 25m. A list of planned holes is included in Appendix 1.



Figure 1: A plan view image showing the proposed RC drilling collars (green dots) along with a new zone of mineralisation defined in the NW after detailed survey and mineralised intercept data was captured within 3D modelling. Note veins not to scale.



Following completion of the proposed RC drilling, it is anticipated that a maiden JORC Oxide/Transition Mineral Resource may be established. Further studies can then be conducted pertaining to the viability of an open pit mining operation. CMPL considers that significant mineralisation may be open at depth and to the south-east at QA. The RC drilling program will assist in determining the continuity of the high-grade shoots already identified at QA, as well as testing thoroughly for additional shoots above 45m. RC1 is fully funded for the proposed RC program at QA.

#### Site Visit

Dr. S. Carras undertook an additional comprehensive site visit to validate multiple historical exploration programs and historical data. The site visit was completed last month and it confirmed the prospectivity of a number of sites at the Redcastle property. An additional site visit will occur during October to audit the drilling campaign and to review areas of historical nugget discoveries at the prospective sites. A report on the findings of the two site visits will be submitted to the Board of Redcastle Resources Ltd following synthesis of all information.

This announcement has been approved for release to ASX by the Board of Redcastle Resources Ltd



Appendix 1. Proposed drill hole statistics

						Depth
Hole_id	North	East	RL	Azimuth	Dip	m
prop2023_RC1	6,792,635	395,258	445	205	-60	52
prop2023_RC2	6,792,601	395,322	445	205	-60	52
prop2023_RC3	6,792,620	395,330	445	205	-60	52
prop2023_RC4	6,792,610	395,304	445	205	-60	52
prop2023_RC5	6,792,628	395,312	445	205	-60	52
prop2023_RC6	6,792,646	395,320	445	205	-60	52
prop2023_RC7	6,792,618	395,285	445	205	-60	52
prop2023_RC8	6,792,636	395,294	445	205	-60	52
prop2023_RC9	6,792,655	395,302	445	205	-60	52
prop2023_RC10	6,792,621	395,256	445	205	-60	52
prop2023_RC11	6,792,627	395,267	445	205	-60	52
prop2023_RC12	6,792,645	395,276	445	205	-60	52
prop2023_RC13	6,792,663	395,284	445	205	-60	52
prop2023_RC14	6,792,617	395,241	445	205	-60	52
prop2023_RC15	6,792,653	395,258	445	205	-60	52
prop2023_RC16	6,792,671	395,266	445	205	-60	52
prop2023_RC17	6,792,647	395,242	445	205	-60	52
prop2023_RC18	6,792,644	395,231	445	205	-60	52
prop2023_RC19	6,792,662	395,240	445	205	-60	52
prop2023_RC20	6,792,680	395,248	445	205	-60	52
prop2023_RC21	6,792,642	395,215	445	205	-60	52
prop2023_RC22	6,792,652	395,213	445	205	-60	52
prop2023_RC23	6,792,670	395,221	445	205	-60	52
prop2023_RC24	6,792,688	395,230	445	205	-60	52
prop2023_RC25	6,792,653	395,202	445	205	-60	52
prop2023_RC26	6,792,661	395,195	445	205	-60	52
prop2023_RC27	6,792,679	395,203	445	205	-60	52
prop2023_RC28	6,792,697	395,212	445	205	-60	52
prop2023_RC29	6,792,670	395,183	445	205	-60	52
prop2023_RC30	6,792,669	395,177	445	205	-60	52
prop2023_RC31	6,792,687	395,185	445	205	-60	52
prop2023_RC32	6,792,705	395,194	445	205	-60	52
prop2023_RC33	6,792,683	395,218	445	205	-60	52
prop2023_RC34	6,792,678	395,159	445	205	-60	52
prop2023_RC35	6,792,696	395,167	445	205	-60	52
prop2023_RC36	6,792,714	395,175	445	205	-60	52
prop2023_RC37	6,792,634	395,204	445	205	-60	52
prop2023_RC38	6,792,609	395,259	445	205	-60	52
Total Holes : 38		Total metres to be drilled : 1976				



### Disclaimer

In relying on the above mentioned ASX announcement and pursuant to ASX Listing Rule 5.32.2, the Company confirms that it is not aware of any new information or data that materially affects the information included in the above-mentioned announcement.

## **Competent Persons Statement**

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr. Spero Carras, a Competent Person and consultant to the Company, who is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM Membership No: 107972). Dr. Carras has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. As Competent Person, Dr. Carras consents to the inclusion in the report of matters based on the information compiled by him, in the form and context in which it appears.