Coogee Gold-Copper Project, WA

Drilling commenced to test two major intrusive Coogee gold-copper targets

Diamond drill program has now commenced to test the major gold- copper targets at Coogee North and Coogee West, which is being co-funded through EIS grants

Highlights

- **Javelin has commenced diamond drilling of two major intrusive gold-copper targets at Coogee North and Coogee West**
- **Diamond rig has commenced a planned 5-6 week drilling program to drill two deep diamond holes, with each hole planned to be drilled to 800-1,000m**
- **Both Coogee North and Coogee West are associated with proximal coincident gold-copper and gold anomalism in historic shallow drilling**
- **These deep, magnetic anomalies present as large scale prospective gold-copper targets, based on the previously identified magnetite component to the alteration associated with shallow mineralisation at Coogee North**
- **No deep drilling has been conducted to test the source of these modelled anomalies**
- **The holes are being co-funded through the WA Government Exploration Incentive Scheme (EIS), with Westralian Diamond Drilling of Kalgoorlie undertaking the drilling**
- **Coogee Gold Project is located on a granted Mining Lease, with a JORC Resource of 3.6Mt at 1.08g/t Au for 127,000oz of gold and 1.0Mt at 0.41% Cu for 4,122t of copper[1]**

Javelin Minerals Ltd (**ASX: JAV**) is pleased to announce that the diamond drill rig has commenced the drilling program to test two highly prospective, major gold and copper intrusive targets at its Coogee Gold Project, located 55km south-east of Kalgoorlie. The first hole is being drilled to test the Coogee North major intrusive target which is now underway, to be followed by Coogee West.

[1] See ASX Releases dated 26 August 2024

The two-hole diamond program will test the Coogee North and Coogee West magnetic anomalies to identify the source of associated gold-copper mineralisation. The program commenced on 2 September, with both holes to be drilled to between 800 – 1,000m depth.

These large geophysical anomalies remain untested by previous drilling, with the Coogee North anomaly sitting directly below the majority of the existing Coogee North gold-copper Mineral Resource. Javelin has secured WA Government co-funding under the Exploration Incentive Scheme (EIS) to complete these holes.

Mark Cossom, Javelin's General Manager of Resources and Exploration said: *"It's great to finally be underway with the drilling of these two ambitious holes. Javelin has been building these targets up and awaiting the ability to test them with diamond drilling. Javelin is grateful to the WA State Government for the co-funding of these holes, which given us the ability to undertake such bold exploration. While they are conceptual targets, their magnetic response is consistent with what we have seen in alteration minerals associated with gold-copper mineralisation at Coogee North, and there is extensive near-surface anomalism at both Coogee North and Coogee West. We look forward to keeping Javelin shareholders updated with news as the program progresses."*

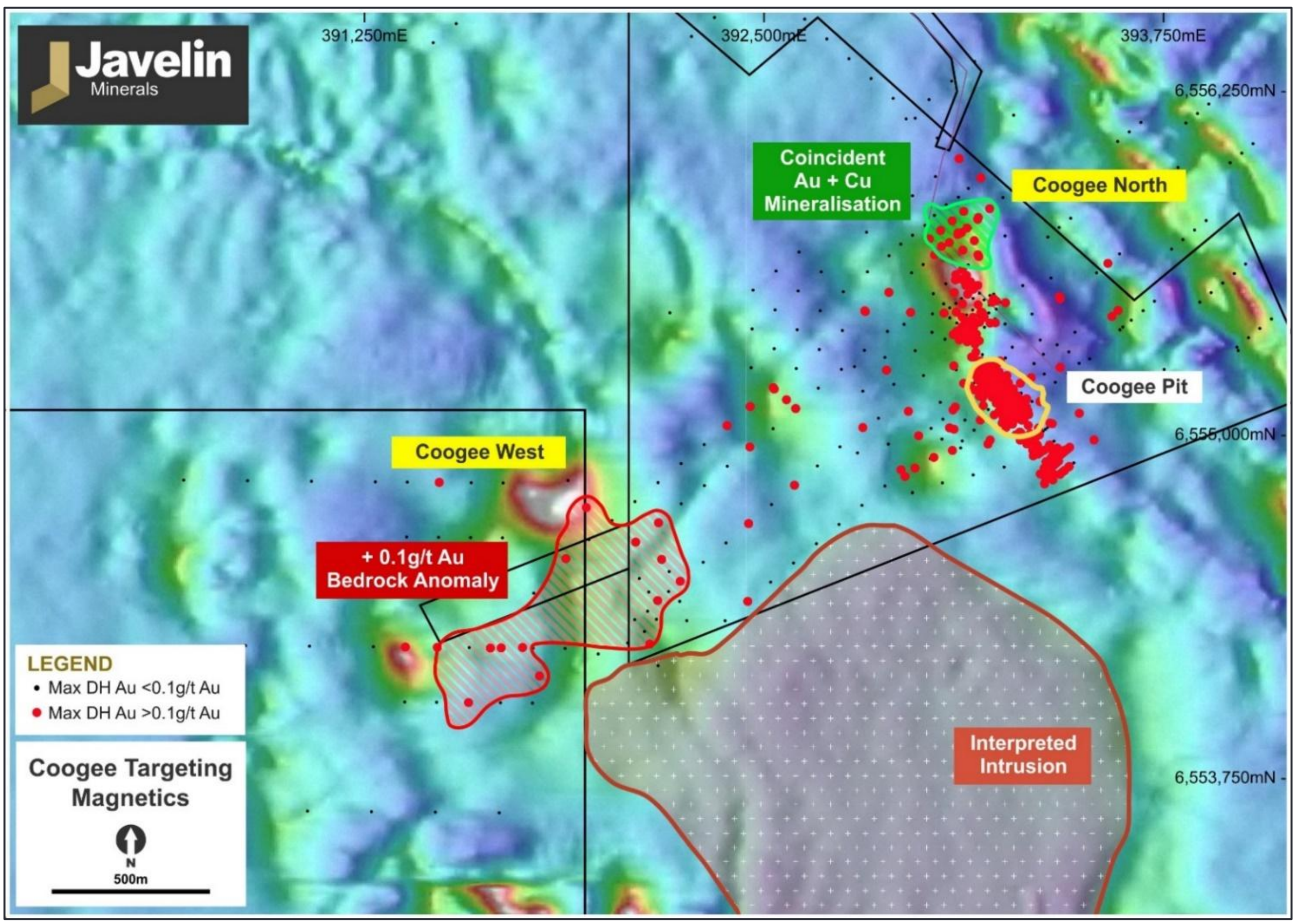

Figure 1 – Coogee Project airborne magnetics with historic drilling – maximum downhole gold (>0.1g/t Au). Note the location of the extensive bedrock gold anomaly at Coogee West and the coincident gold-copper mineralisation at Coogee North

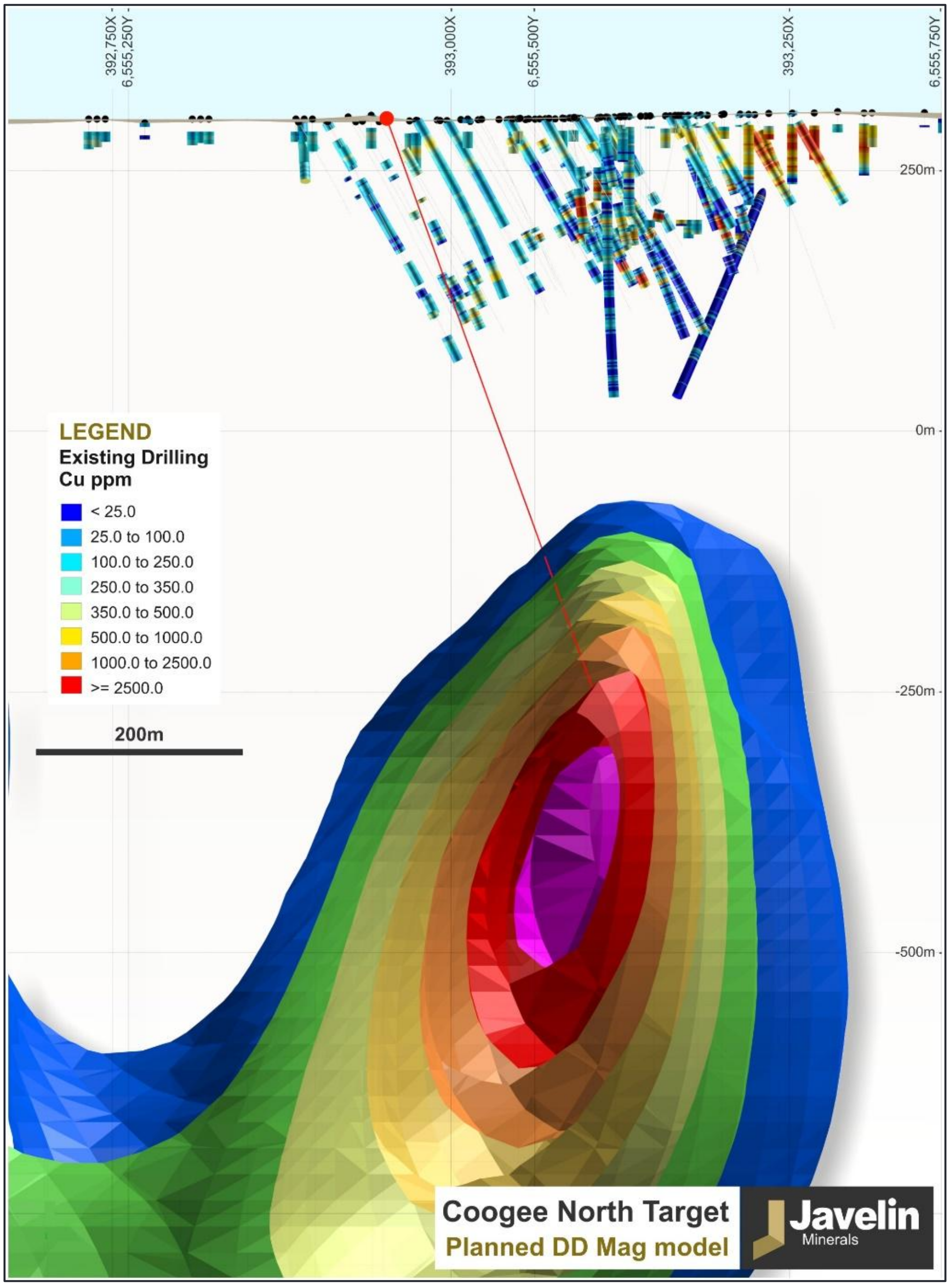

Figure 2 – Coogee North cross-section view of magnetic inversion model and existing Cu assay data from historic and recent drilling, highlighting the planned EIS diamond drillhole to test the modelled magnetic body

This ASX announcement has been authorised for release by the Board of Javelin Minerals Ltd.

-ENDS-

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Competent Person Statement

The information in this announcement that relates to Exploration Results and Mineral Resources has been extracted from various Javelin ASX announcements and are available to view on the Company's website at www.javelinminerals.com.au or through the ASX website at www.asx.com.au (using ticker code "JAV"). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the original market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Coogee Mineral Resource Estimate

Table 1: Coogee Gold Deposit Mineral Resource Estimate by Classification as of July 2024
(at a 0.5 g/t Au cut-off)

Classification	Weathering Zone	Volume m^3	Density g/cm^3	Tonnage t	*Grade* g/t Au	*Contained Metal* ounces Au
Indicated	Supergene	7,531	2.10	15,816	1.17	**593**
	Primary	350,898	2.70	947,426	1.31	**39,969**
Inferred	Supergene	11,715	2.10	24,601	0.56	**445**
	Primary	987,773	2.70	2,666,988	1.00	**85,677**
Total	**Supergene**	**19,246**	**2.10**	**40,417**	**0.80**	**1,038**
	Fresh	**1,338,672**	**2.70**	**3,614,414**	**1.08**	**125,647**
Total		**1,357,918**	**2.69**	**3,654,831**	**1.08**	**126,685**

Table 1A: Coogee Gold Deposit Mineral Resource Estimate by Classification as of August 2022
(at a 0.5 g/t Au cut-off)

Classification	Weathering Zone	Tonnage t	Au ppm g/t Au	*Contained Metal* ounces Au
Indicated	Supergene	89.267	1.19	**3,409**
Indicated	Primary	525,045	1.47	**24,843**
Indicated	**All**	**614,312**	**1.43**	**28,252**
Inferred	Supergene	90,200	0.66	**1,911**
Inferred	Primary	717,989	0.82	**18,871**
Inferred	**All**	**808,189**	**0.80**	**20,782**
Total		**1,422,501**	**1.07**	**49,034**

Table 2: Coogee Copper Zone Mineral Resource Estimate by Classification as of July 2024
(at a >2,000 ppm Cu cut-off)

Classification	Weathering Zone	Volume m^3	Density g/cm^3	Tonnage t	*Grade* Cu ppm	*Contained Metal* tonnes Cu
Inferred	Primary within Gold Domain	122,358	2.7	330,366	5,546	**1,832**
Inferred	Supergene	129,402	2.1	271,745	3,619	**983**
Inferred	Primary without Gold Domain	153,887	2.7	415,494	3,144	**1,306**
Total		**405,647**		**1,017,606**	**4,103**	**4,122**