

# **ASX ANNOUNCEMENT**

31 January 2025

# **DECEMBER 2024 QUARTERLY REPORT**

**Constellation Resources Limited ("Constellation" or "Company")** is pleased to provide its Quarterly Report for the period ended 31 December 2024. The Company's focus is on its projects in Western Australia and evaluating new opportunities in the resources sector.

#### **HIGHLIGHTS**

#### **ULARRING COPPER GOLD PROJECT**

- Following the successful acquisition of the Ularring Project during the quarter, completion of drillhole database, geochemical and geophysical reviews has identified several promising targets including the high priority prospects, Centre Forest, Southern Brook and the Cartamulligan (Figure 1).
- This region is known to host several major deposits that are intrusion related, such as the Boddington Copper-Gold mine and Caravel Minerals Ltd's Caravel Copper Project (a porphyry hosted Cu-Mo-Ag-Au deposit).
- A well-developed copper-gold ("Cu-Au") horizon identified at the Centre Forest Prospect ("Centre Forest"), interpreted to be hosted within a prospective regional shear corridor that follows the margins of an interpreted intrusion. A review of a historical dipole-dipole Induced Polarisation ("IP") survey at Centre Forest has highlighted a promising, broad untested chargeable zone that is located down dip of Cu-Au drillhole intersections (Figures 2-4).
- The Centre Forest chargeable zone may represent an area of increased sulphide development and a prospective intrusive related Cu-Au target. A follow up IP survey is planned to better define the extents of the anomaly prior to drilling.
- Southern Brook Prospect ("Southern Brook") is located 2kms to the south of Centre Forest along the prospective Meenar Shear Corridor. A review of the drillhole data has confirmed a number of significant copper results including:

RSB051: 24m @ 0.57% Cu from 26m including 2m @ 3.4% Cu from 46m

• Limited gold assaying has been historically undertaken at Southern Brook, presenting an exciting opportunity for the Company. Promising copper-gold intersections have already been identified including a best intersection of:

DSB1: 20m @ 0.21g/t Au and 0.09% Cu from 127m and 9m @ 0.43g/t Au and 0.17% Cu from 150m

• Located on the Cartamulligan shear corridor, the Cartamulligan Prospect ("Cartamulligan") hosts a 2km long coincident Cu-Au soil anomaly including an underlying versatile time-domain electromagnetic ("VTEM") anomaly that has not been drilled. Newly granted E70/6671 tenement covers extensions to the Cartamulligan trend to the south-west.

#### **NATURAL HYDROGEN PROJECTS**

- Constellation's total natural hydrogen project area expanded to a sizeable 87,602km² via three new Special Prospecting
   Authorities with an Acreage Option ("SPA-AO") covering 31,410km² over the Ashburton Basin (Figure 6).
- The Ashburton Basin SPA-AOs adjoin the Company's existing Edmund-Collier SPA-AO project area and are intersected by the Goldfield's gas transmission pipeline, offering a potential solution to market should a discovery occur.
- A research agreement was signed with the CSIRO to collaborate on the exploration for natural hydrogen in Western Australia, in particular prospectivity studies for natural hydrogen and helium at the Edmund-Collier and Yerrida Projects.
- Regional soil gas sampling programs are planned to commence once all land access and stakeholder agreements have been
  finalised. Any significant hydrogen anomalism will be immediately apparent as direct field gas readings are given.
- A review of all Exploration Incentive Scheme ("EIS") core holes drilled by historical mineral explorers within the Edmund-Collier SPA-AO boundaries was completed. The focus of the review is investigating the thick organic rich shale units within the basins as a potential source for thermogenic hydrogen generation from overmature shales. A sampling program is underway to submit samples for porosity, permeability, fluid inclusion and rock evaluation analysis.

#### For further information, please contact:

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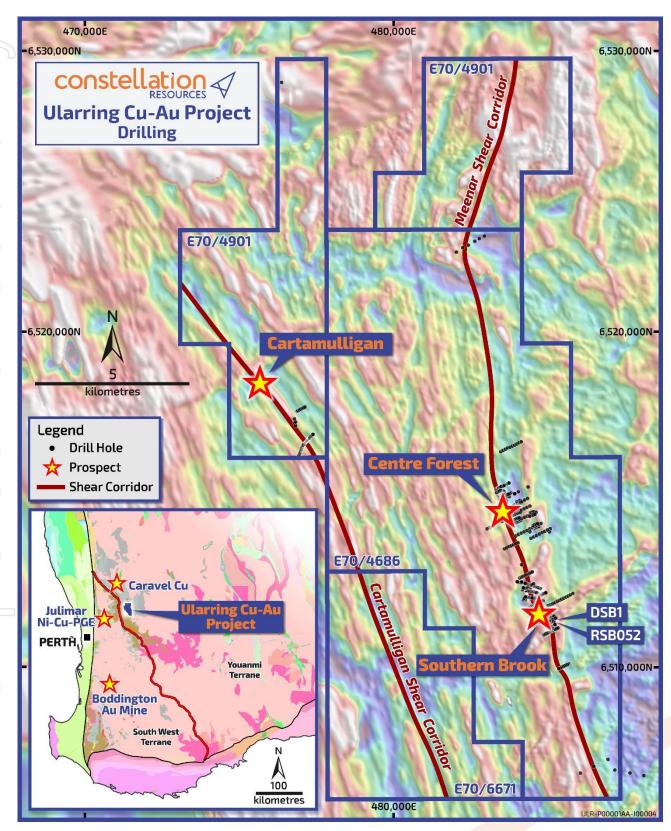


Figure 1: Ularring Project Location with regional geology (inset) over TMI aeromagnetics image displaying the Meenar and Cartamulligan Shear Corridors.



#### **ULARRING COPPER GOLD PROJECT**

The Ularring Project, consisting of tenements E70/4686, E70/4901 and newly granted E70/6671 (cumulatively 222km²) is located 100km northeast of Perth (Figure 1). Ularring is situated within the Archaean Yilgarn Craton and borders the Southwest and Youanmi Terranes. Historical drill results and geology indicates a highly prospective Intrusion related Cu-Au system for Ularring, a system style that can generate large scale deposits. The region is known to host several major deposits that are intrusion related, such as the Boddington Copper-Gold mine (11Moz Au and 1Mt of copper produced, hosted in a sheared Intrusive related setting) and Caravel Minerals Limited's (ASX: CVV) Caravel Copper Project (a porphyry hosted Cu-Mo-Ag-Au deposit containing 3Mt Cu, 61Kt Mo, 895koz Au and 46Moz Ag in Mineral Resource).

Ularring represents an exciting opportunity to not only explore for higher grade Cu-Au zones at Centre Forest but also regionally along the targeted shear corridor (24km of strike), where minimal exploration (if any) has been undertaken. Historical results generated Cu-Au-Bi-Mo-W soil anomalies utilising a variety of sampling methods (soil and auger sampling) and various analytical techniques which are located along strike of Centre Forest and on separate trends.

During the quarter, the Company completed a drillhole database, geochemical and geophysical review which has identified several promising targets including high priority prospects, Centre Forest, Southern Brook and Cartamulligan.

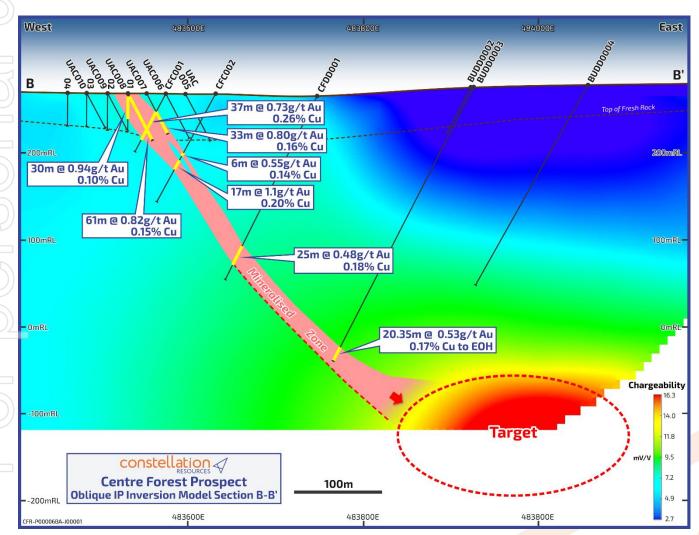


Figure 2: Simplified Centre Forest Prospect Cross Sections. B-B1 looking north with modelled chargeability section in the background.



#### Centre Forest Prospect

Centre Forest is the most advanced prospect with well-developed Cu-Au horizon identified. The mineralisation is interpreted to be hosted within a prospective regional shear corridor that follows the margins of an interpreted intrusion.

Historical drilling programs at Centre Forest have confirmed a continuous, broad zone of Cu-Au mineralisation over a strike length of 1.1km and remains open when utilising a >0.1g/t Au cutoff (Figures 2-4). The exploration opportunity at Centre Forest is to carry out programs that may lead to the identification of higher-grade Cu-Au zones from these promising wide but modest grade intersections. The Cu-Au mineralisation is interpreted to be best developed along a highly altered sheared margin of a granitoid intrusion and is hosted both in oxides (saprolite) from the surface and in the fresh rock located down dip. The associated mineral assemblage comprises quartz-garnet-biotite-cordierite-orthopyroxene with a sulphide suite comprising of pyrrhotite-chalcopyrite with trace levels of bismuthate. Selected Centre Forest drillhole intersections include:

0	CFR004	19m @ 2.02g/t Au, 0.16% Cu from 16m to EOF
0	CFC001	37m @ 0.73g/t Au, 0.26% Cu, from 21m
0	CFC003	35m @ 0.64g/t Au, 0.16% Cu from 16m
0	UAC001	30m @ 0.94g/t Au, 0.1% Cu from 0m
0	CFC002	17m @ 1.1g/t Au, 0.21% Cu, from 84m
0	CFC006	20m @ 0.55g/t Au, 0.13% Cu from 80m

During the quarter, the Company engaged an independent geophysical review of a single line dipole-dipole Induced Polarisation ("IP") survey conducted by Sipa Exploration in 2003 at Centre Forest (Figures 2-4). IP surveys are well recognised geophysical exploration tools to better identify developed sulphides zones and for Ularring, is a potential proxy to discover higher grade Cu-Au mineralisation. The original IP survey data was reprocessed and an inversion model produced by Core Geophysics was compiled. The resultant model points to a large low to moderate order chargeability anomaly that is down dip to the known mineralisation. The chargeability anomaly builds from 300m below the surface and extends to the east, presenting a promising intrusion related Cu-Au target. Additional IP lines are planned to explore the extents and/or areas with higher chargeability responses to refine the target prior to drilling.

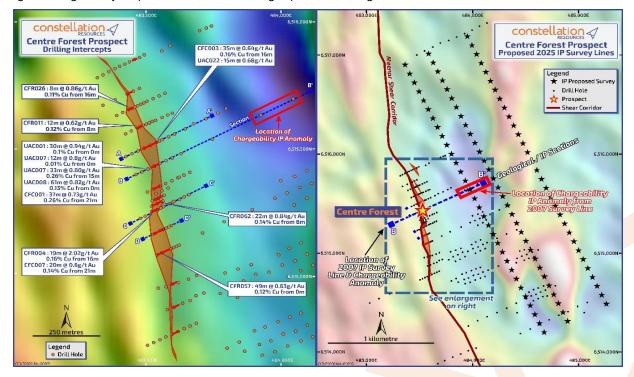


Figure 3: Centre Forest Prospect showing surface projection of mineralisation over a 1.1km strike draping the TMI aeromagnetic image. Historical location of IP survey along Section B-B1(left). Historical drill intersection.



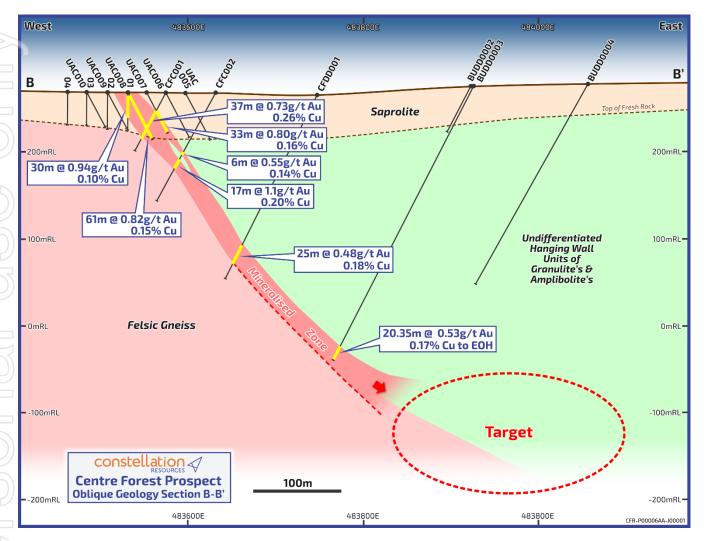


Figure 4: Simplified Centre Forest Prospect Cross Sections - B-B1 looking north and location of chargeable IP target.

#### Southern Brook Prospect

Southern Brook is located 2kms to the south of Centre Forest along the prospective Meenar Shear Corridor (Figure 1). Southern Brook was the initial focus for historical explorers due to the broad copper anomalism that was identified from surface geochemistry programs. Southern Brook exploration activity was undertaken well before the Centre Forest copper gold intersections were returned in drilling. A review of the Southern Brook drillhole data has confirmed a number of significant copper results including:

RSB051: 24m @ 0.57% Cu from 26m including 2m @ 3.4% Cu from 46m

Limited gold assaying has been undertaken, presenting an exciting opportunity for the Company. Promising copper-gold intersections have been returned including open ended gold intersections >0.1g/t within partially sampled reconnaissance holes (refer Appendix 2). The best intersection was in a diamond hole drilled by Shell Company of Australia in 1982 following up the regolith copper anomalism confirmed in initial shallow reconnaissance holes. Selected results include;

DSB1: 20m @ 0.21g/t Au and 0.09% Cu from 127m and 9m @ 0.43g/t Au and 0.17% Cu from 150m

Given that the IP survey technique appears to be an effective exploration tool at the Centre Forest Project to the north, an IP Survey is proposed to guide the next steps at Southern Brook.



## Cartamulligan Prospect

Located on the Cartamulligan shear corridor, the Cartamulligan Prospect hosts a well-defined 2km long coincident Cu-Au soil anomaly including an underlying VTEM anomaly that has not been drilled within Cartamulligan (Figure 5). To secure the extensions of the Cartamulligan Shear Corridor to the southeast, tenement EL70/6671 was applied for and granted in quarter. The Company aims to undertake field mapping/sampling at Cartamulligan during the current quarter.

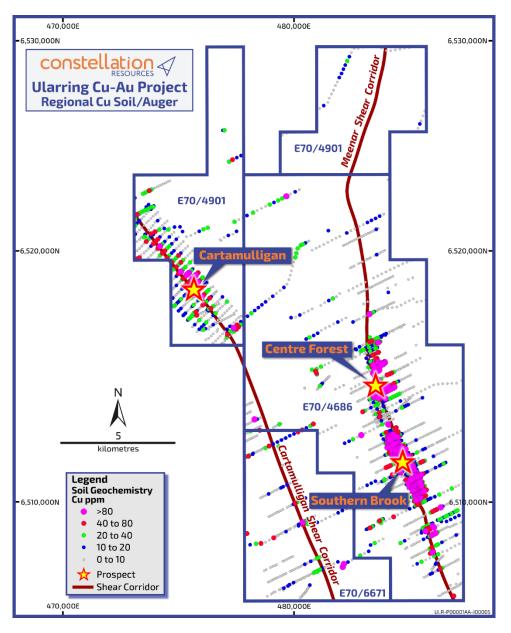


Figure 5: Undifferentiated raw copper surface auger and soil results showing a number of important interpreted corridors including areas of little geochemical coverage.

#### **NEXT STEPS**

Upcoming exploration work programs at the Ularring Project include:

- Additional IP lines at Centre Forest to define the higher chargeability zone;
- A soil sampling program to the north of Centre Forest along the Meenar Shear Zone; and
- Field inspection of the Cartamulligan Prospect VTEM and soil sample anomaly locations.



#### **EXPLORATION FOR NATURALLY OCCURRING HYDROGEN IN WESTERN AUSTRALIA**

During the quarter, the Company was advised that it had been conditionally accepted as the preferred applicant for a further three contiguous Special Prospecting Authorities with an Acreage Option ("SPA-AO") applications (STP-SPA-0131-0133) over the Ashburton and Bresnahan basins (located within the Southern Pilbara/Capricorn Orogeny area), a cumulative area of 31,410km². The new SPA-AOs complement the Company's existing SPA-AOs over the Edmund-Collier and Yerrida Basin areas, expanding the total natural hydrogen project area to 87,602km² in Western Australia.

The Ashburton Project is located north of the Edmund-Collier SPA-AOs with the Goldfields gas transmission pipeline running along the east west spine of the project area, offering a potential solution to market should a discovery occur. A significant opportunity in the Ashburton Central SPA-AO is the development of multiple, kilometre scale, long-lived traps for gas accumulations, including anticlinal and structural traps, stratigraphic depositional pinch outs and diagenetic traps, and density driven hydrologic traps. Importantly, prospective fold-closures mapped at surface can be extrapolated in the subsurface in various geophysical interpretations. Numerous tectonic events and geological process are recognized that were potential drivers for gas generation and migration and for driving and rapidly focussing gas into traps.

Global hydrogen demand is expected to grow fivefold by 2050. Current hydrogen consumption is mainly sourced from grey Hydrogen (produced by natural gas) and the search for and uses of a zero-carbon source of hydrogen is gathering momentum worldwide. Constellation considers that it has selected the most prospective large-scale basin opportunities for hydrogen, helium and associated gases that will give it a first mover advantage in the search for natural hydrogen in Western Australia.

Once a granted SPA-AO is received, the proposed exploration work programs in the current application areas draw on the ideologies behind 'first-mover advantage' — where the largest discoveries in an unexplored field for either metals or petroleum are usually shallow and found early in the field's history.

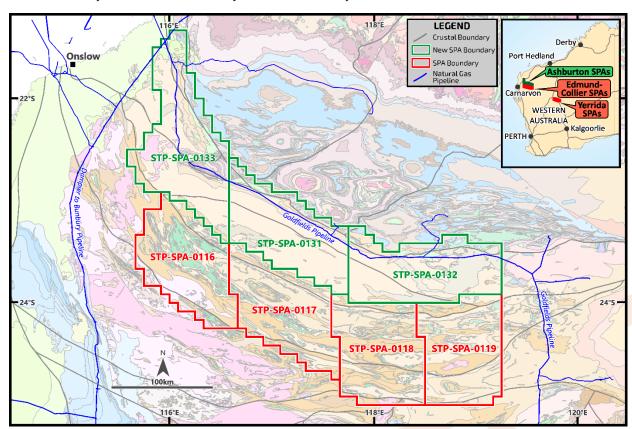


Figure 6: Edmund-Collier Basin STP- SPA-0116-19;131-133 Application Locations.



One of the Company's underlying technical assumptions are the largest and most viable hydrogen and helium gas accumulations are likely to leak through to the surface. Thus, the identification of anomalous gas seeps or 'invisible gossans' at the surface could be one of the low-cost mechanisms to quickly confirm the prospectivity of the basins.

The identification of gas seeps can be achieved by taking regular readings alongside an existing track using a small diameter hole that is drilled by a handheld drill. The probe is lowered down the resultant hole and connected to a sophisticated handheld gas detectors where a range of gases can be analysed (hydrogen, methane, carbon dioxide and hydrogen sulphide. Any anomalous surface gas seepage will be immediately apparent as direct field gas readings are given in real time. These gases could also be a proxy for helium. Helium can only be reliably measured by laboratories. If any areas of gas anomalism are detected, a gas sample will be collected and sent away for confirmatory analysis.

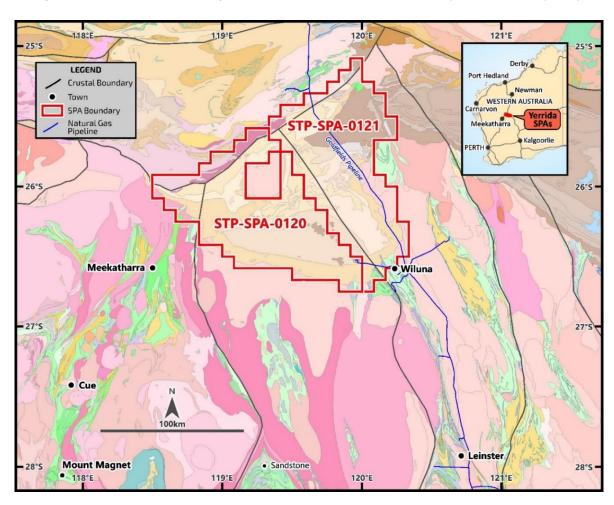


Figure 7: Yerrida Basin STP- SPA-0120-21 Application Location.

#### Stakeholder Engagement and Soil Gas Sampling

The Company is continuing engagement meetings with relevant stakeholders (native title groups, pastoral stations, other tenement holders etc) regarding its proposed activities on the SPA-AOs and aims to commence ground activities for one of the SPA-AOs for the Edmund-Collier area upon finalisation of all stakeholder engagements and other conditions i.e Department of Energy Mines and Industry Safety (DEMIRS) requirements. The regional soil gas sampling program is planned to progress in a staged manner as the remaining SPA-AOs submission conditions are satisfied and approvals given by DEMIRS.

For further information on SPA-AO applications, processes and proposed work programs, refer to the Company's ASX announcements dated 6 March 2024, 27 May 2024 and 20 December 2024.





## Thermogenic Hydrogen Generation from Overmature Shales in the Edmund-Collier Basin

A review of all Exploration Incentive Scheme ("EIS") core holes that were drilled by previous mineral explorers within the Edmund-Collier SPA-AO boundaries has been completed during the quarter. The shallower parts of the northern basin margin have been targeted for Mt Isa style mineralisation (zinc-lead-copper) by previous explorers. The diamond cores from several of the deeper mineral exploration holes were inspected by the Company at the GSWA Perth Core Library.

A particular focus was investigating the organic rich shale units within the Edmund-Collier Basin, Blue Billy and Discovery Formations. Both these formations provide the potential source for thermogenic hydrogen generation from overmature shales (Figure 8). A sampling program is underway to submit samples for porosity, permeability, fluid inclusion and rock evaluation analysis.

## CSIRO Research Agreement

During the quarter, the Company signed a research agreement with the CSIRO to collaborate on the exploration for natural hydrogen in Western Australia. The Company's technical team will assist and co-fund the CSIRO in relation to prospectivity studies for natural hydrogen and helium, with a focus on the Company's two basin scale Edmund-Collier and Yerrida Projects.

The project is part funded by CSIRO's Kick-Start Program, an initiative that provides funding and support for innovative Australian start-ups and small/medium enterprises to access CSIRO's research expertise and capabilities to help grow and develop their businesses.

Initial activities will focus on CSIRO research scientists evaluating the multiple available datasets (satellite imagery, remote sensing and various geophysics techniques) which could identify the presence of gas seepages at surface within the Company's Natural Hydrogen Projects. Study results will also assist in optimising the designs of the Company's planned soil gas sampling programs.

Once all available data and soil gas sampling results have been assessed, CSIRO will construct a prospectivity model that will map the areas of interest for natural hydrogen and helium for each basin and would help determine the logical next steps for the Natural Hydrogen Projects.

CSIRO is leading research into the understanding of natural hydrogen systems and are driving innovations for geological hydrogen exploration and commercialisation pathways, through its National Hydrogen Roadmap, which has a primary objective to provide a blueprint for the development of a hydrogen industry in Australia. With a number of activities already underway, the roadmap is designed to help inform the next series of investment amongst various stakeholder groups (e.g. industry, government and research) so that the industry can continue to scale in a coordinated manner.



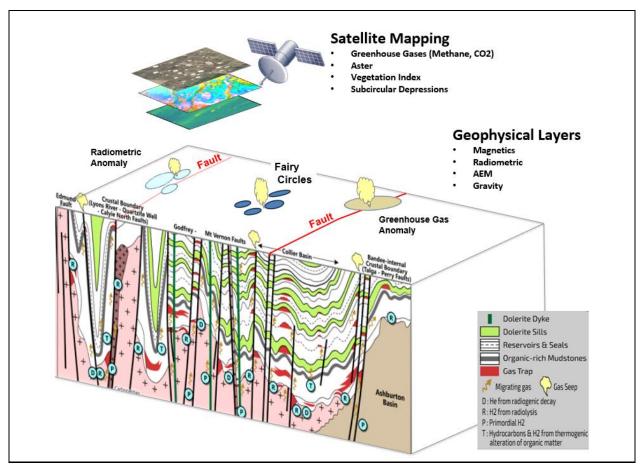


Figure 8: Edmund-Collier Basin Conceptual Hydrogen System and Research project workflow.

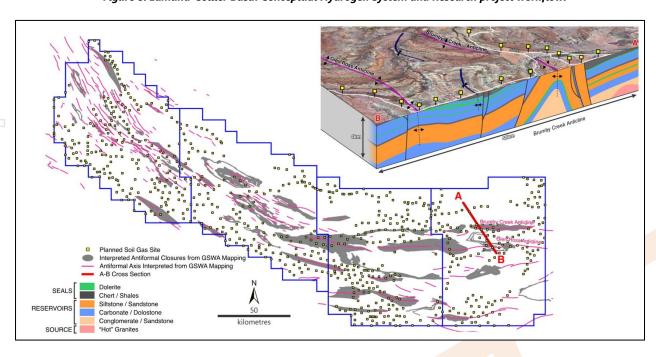


Figure 9: Edmund-Collier Project - Note the numerous large scale antiformal closures that were mapped by the GSWA (Cross Section Interpretation sourced from 1: 100 000 GSWA Tanagdee Geological Series Map) - mapping Information sourced from open file datasets and public reports.



#### **ORPHEUS PROJECT – TRANSLINE TENEMENTS**

The Transline tenements (part of the wider Orpheus Project in the Fraser Range) include E28/2738, E28/2957 (100% Constellation) and E28/2403 (70% Constellation, 30% Enterprise Metals Limited (ASX: ENT)). During the quarter, the Company completed an 11-hole (882m) vertical aircore drill program to test the soil anomalies defined using the ultrafine soil sampling process on E28/2738. No nickel or copper anomalism was defined in the saprolite or bottom of hole samples.

The Company had previously interpreted priority ten Geophysical Targets south of the Transline from completed gravity and aeromagnetic surveys that could represent Proterozoic mafic intrusions that are concealed beneath the Eucla Basin cover sequence. Mafic intrusions in the Fraser Range are the key host unit for nickel sulphides deposits as displayed at the IGO Nova nickel mine. Based on the results from the recent aircore drill program, the Company will reassess and prioritise these geophysical targets and the Orpheus Project in reference to its other current Western Australian projects.

#### **CORPORATE**

# Ularring Copper Gold Project Acquisition and Completion

During the quarter, the Company through its wholly owned subsidiary, CR1 Minerals Pty Limited, satisfied or waived all conditions of the tenement sale agreement ("Agreement") with Breaker Resources NL, acquiring 100% of the Ularring Project (E70/4686 and E70/4901) ("Ularring Tenements") (the "Acquisition"). Additionally, the Company was granted E70/6671, adjacent to the Ularring Project. For further information on the Agreement and Acquisition of the Ularring Tenements, refer to the Company's ASX Announcements dated 4 October 2024 and 12 September 2024.

#### **Business Development**

Several other opportunities have been reviewed during the quarter, and the Company will continue in its efforts to identify and acquire suitable new business opportunities in the resources sector, both domestically and overseas. However, no agreements have been reached or licences granted and the Directors are not able to assess the likelihood or timing of a successful acquisition or grant of any opportunities.

#### Capital Position

Constellation has cash at bank of approximately \$1.3 million and no debt as at 31 December 2024. As at the date of this report, the Company has the following securities on issue:

	Security Type	Number
)	Fully Paid Ordinary Shares	63,039,255
	Unlisted options exercisable at \$0.12 each, expiring 31 March 2027	2,000,000
	Unlisted options exercisable at \$0.18 each, expiring 31 March 2028	2,875,000
\	Unlisted options exercisable at \$0.25 each, expiring 31 March 2029	2,875,000



#### **COMPETENT PERSONS STATEMENT**

The information in this announcement that relates to Exploration Results is based on information reviewed by Mr Peter Muccilli, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy. Mr Muccilli is the Technical Director for Constellation Resources Limited and a holder of shares and incentive options in Constellation Resources. Mr Muccilli has sufficient experience that is relevant to the styles of mineralisation and types 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" (JORC Code). Mr Muccilli consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Exploration Results is extracted from the following ASX announcements:

- "Acquisition of Ularring Coper Gold Project" dated 12 September 2024;
- "Ultrafine Soil Sample Results at Transline" dated 26 October 2023; and
- "Transline Ultrafine Soil Sampling Survey Results" dated 27 July 2023.

These announcements are available to view at the Company's website on www.constellationresources.com.au. The information in the original ASX Announcements that related to Exploration Results was based on, and fairly represents information compiled by Peter Muccilli, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Muccilli is a Technical Director of Constellation Resources Limited and a holder of shares and options in Constellation Resources Limited. Mr Muccilli has sufficient experience that is relevant to the styles of mineralisation and types 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" (JORC Code). The Company confirms that it is not aware of any information or data that materially affects the information included in the original market announcements. 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 announcements.

#### FORWARD LOOKING STATEMENTS

Statements regarding plans with respect to Constellation's project are forward-looking statements. There can be no assurance that the Company's plans for development of its projects will proceed as currently expected. These forward-looking statements are based on the Company's expectations and beliefs concerning future events. Forward looking statements are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of the Company, which could cause actual results to differ materially from such statements. The Company makes no undertaking to subsequently update or revise the forward-looking statements made in this announcement, to reflect the circumstances or events after the date of that announcement.

This announcement has been authorised for release by the Company's Managing Director, Peter Woodman.

#### References:

1"Global Energy Perspective 2023 – McKinsey" - https://www.mckinsey.com/industries/oil-gas/our-insights/global-energy-perspective-2023-hydrogen-outlook

<sup>&</sup>lt;sup>2</sup> Production details are sourced and summarised from https://www.newmont.com/.

<sup>&</sup>lt;sup>3</sup> McCuaig, T.C., Behn, M., Stein, H., Hagemann, S.G., McNaughton, N.J., Cassidy, K.F., Champion, D. and Wyborn, L., 2001 - The Boddington gold mine: A new style of Archaean Au-Cu deposit.

<sup>&</sup>lt;sup>4</sup> Caravel Minerals Limited ASX release "2023 Mineral Resource Update – Caravel Copper Project" dated 13 November 2023.



# Appendix 1: Disclosures in accordance with ASX Listing Rule 5.3

#### **Summary of Mining Tenements**

As at 31 December 2024, the Company has an interest in the following projects:

Project Name	Permit Number	Percentage Interest	Status
Fraser Range, Western Australia	E63/1281	70%	Granted
	E28/2403	70%	Granted
	E63/1695	70%	Application
	E28/2738	100%	Granted
	E28/2957	100%	Granted
Ularring Project, Western Australia	E70/4686	100%	Granted
	E70/4901	100%	Granted
	E70/6671	100%	Granted

During the quarter, the Company completed its previously announced binding tenement sale agreement to acquire the Ularring Project, comprising the tenements E70/4686 and E70/4901. Additionally, the Company was granted E70/6671, adjacent to the Ularring Project, during the quarter.

Application Identifier	Туре	Size (km²)	Location
STP-SPA-0116	SPA-AO (Conditionally Granted)	9,419	Edmund-Collier Basin
STP-SPA-0117	SPA-AO (Conditionally Granted)	9,465	Edmund-Collier Basin
STP-SPA-0118	SPA-AO (Conditionally Granted)	9,357	Edmund-Collier Basin
STP-SPA-0119	SPA-AO (Conditionally Granted)	9,047	Edmund-Collier Basin
STP-SPA-0120	SPA-AO (Conditionally Granted)	8,918	Yerrida Basin
STP-SPA-0121	SPA-AO (Conditionally Granted)	9,176	Yerrida Basin
STP-SPA-0131	SPA-AO (Conditionally Granted)	9,778	Ashburton Basin
STP-SPA-0132	SPA-AO (Conditionally Granted)	9,672	Ashburton Basin
STP-SPA-0133	SPA-AO (Conditionally Granted)	11,980	Ashburton Basin

During the quarter, the Company's 100% wholly owned subsidiary CR1 Energy Pty Ltd was informed that three Special Prospecting Authorities with an Acreage Option ("SPA-AO") have been accepted over the Ashburton Basin (STP-SPA-0131-133).

## **Summary of Mining Exploration Activities Expenditure**

	Activity	Amount (\$A'000)
	Consultants – Geophysical, Geological, Field Team, Legal, Heritage, Other	(108)
	Field Equipment, Supplies, Vehicle Hire, Accommodation, Travel, Other	(51)
. [	Tenement Maintenance, Rents, Rates and Application Fees	(39)
1	Stakeholder Engagement	(62)
	Total as reported in Appendix 5B	(260)

There were no mining or production activities and expenses incurred during the quarter ended 31 December 2024.

#### **Related Party Payments**

During the quarter ended 31 December 2024, the Company made payments of \$227,000 to related parties and their associates. These payments relate to existing remuneration arrangements (executive salaries, director fees and superannuation of \$123,000) and provision of a serviced office (\$104,000).



# **Appendix 2: Drill Hole Information**

A validation of the Southern Brook Prospect drillhole database has been completed allowing for the reporting of drill results (refer to JORC 2012 Appendices) in this announcement. Some key points of the verification process included the cross checking of the drill hole information stored in the database against the original open file WAMEX reports, confirmation of assay methodology and the use of an accredited laboratory.

Table 1: Summary of Diamond Drill Results (0.1 g/t Au Bottom Cut)

Hole ID	From	То	Interval	Au g/t	Cu %	NAT_East	NAT_North	NAT_RL	Depth	Dip	NAT_Azimuth
SBDD001				NSA	0	485182	6511255	242.68	162.1	-50	245
DSB1	127	147	20	0.21	0.09	485112	6511509	244.57	240	-60	246
DSB1	150	159	9	0.43	0.17	485112	6511509	244.57	240	-60	246
DSB2				NSA	0	485091	6511722	244.21	231	-60	246

Table 2: Summary of Aircore Results (0.1 g/t Au Bottom Cut)

	Hole ID	From	То	Interval	Au g/t	Cu %	NAT_East	NAT_North	NAT_RL	Depth	Dip	NAT_Azimuth
ťΞ	JAC111				NSA		482033	6523474	199.84	32	-60	245
JΩ	JAC112				NSA		482241	6523615	202.91	26	-60	245
Į	JAC113				NSA		482419	6523703	202.94	26	-60	245
Į	JAC114				NSA		482631	6523827	206.24	29	-60	245
ı	JAC115				NSA		482775	6523910	209.95	27	-60	245
ĮΠ	JAC116				NSA		482944	6523995	215.7	15	-60	245

Table 3: Summary of RAB Results (0.1 g/t Au Bottom Cut)

	HoleID	From	То	Interval	Au g/t	Cu %	NAT_East	NAT_North	NAT_RL	Depth	Dip	NAT_Azimuth
-				No Au								
	RSB001			Assaying			484006	6512784	262.16	15	-90	360
1)				No Au								
リ	RSB002			Assaying			484030	6512775	263.13	28	-90	360
	RSB003			No Au			404054	CE127C7	205.20	21	00	360
1)	K3B003			Assaying			484054	6512767	265.26	21	-90	300
IJ	RSB004			No Au Assaying			484078	6512759	267.68	25	-90	360
	K3B004			No Au			404070	0312739	207.00	23	-90	360
	RSB005			Assaying			484102	6512751	270.03	24	-90	360
	NSBOOS			No Au			404102	0312731	210.03	2-7	30	300
))	RSB006			Assaying			484126	6512742	270.98	34	-90	360
7				No Au								
	RSB007			Assaying			484145	6512773	272.58	28	-90	360
1)				No Au								
7	RSB008			Assaying			484168	6512766	270.67	34	-90	360
				No Au								
	RSB009			Assaying			484191	6512757	270.67	42	-90	360
				No Au								
	RSB010			Assaying			484206	6512746	269.31	32	-90	360
				No Au								
))	RSB011			Assaying			484238	6512741	267.19	46	-90	360
7	DCD040			No Au			40.4262	6542724	264.07	40	00	260
	RSB012	+		Assaying			484262	6512734	264.87	40	-90	360
	RSB013			No Au			484285	6512725	264.15	52	-90	360
-	KSBU13			Assaying No Au			404205	0512725	204.15	52	-90	360
_	RSB014			Assaying			484309	6512718	263.5	18	-90	360
	1130014			No Au			404303	0312710	203.3	10	30	300
	RSB015			Assaying			484332	6512709	262.85	10	-90	360
				No Au								
	RSB016			Assaying			484355	6512702	263.25	28	-90	360
				No Au								
	RSB017	<u> </u>		Assaying			484379	6512693	263.81	42	-90	360
				No Au								
	RSB018			Assaying			484400	6512684	263.89	36	-90	360
				No Au								
	RSB019			Assaying			484425	6512677	264.29	34	-90	360



,		1		1			Γ		Г			T
	DCD020			No Au			404440	6E12CC0	264.00	20	00	300
	RSB020			Assaying No Au			484449	6512669	264.09	38	-90	360
	RSB021	<u> </u>	<u> </u>	Assaying			484473	6512661	263.46	22	-90	360
				No Au								
	RSB022			Assaying			484498	6512654	262.5	52	-90	360
	RSB023			No Au Assaying			484522	6512646	260.9	33	-90	360
	NODOLO			No Au			10 1322	0312010	200.5	33	30	300
7	RSB024			Assaying			484545	6512637	259.54	42	-90	360
	DCDOOL			No Au			40.4560	CF12C20	250.05	F2	00	260
	RSB025			Assaying No Au			484569	6512629	258.85	52	-90	360
	RSB026			Assaying			484592	6512620	258.88	41	-90	360
7				No Au								
	RSB027			Assaying No Au			484616	6512612	259.35	30	-90	360
))	RSB028			Assaying			484639	6512603	259.42	52	-90	360
				No Au								
3	RSB029			Assaying			484663	6512595	259.84	54	-90	360
7	RSB030			No Au Assaying			484687	6512586	260.46	48	-90	360
	.135030			No Au			107001	5512500	200.40	70	50	300
	RSB031			Assaying			484711	6512578	261.05	52	-90	360
	DCD022			No Au			40.473.0	CE12E70	261.02	43	00	360
1	RSB032			Assaying No Au			484736	6512570	261.92	42	-90	360
))	RSB033			Assaying			484760	6512562	263.43	50	-90	360
				No Au								
	RSB034			Assaying			484203	6512585	259.06	46	-90	360
	RSB035			No Au Assaying			484226	6512577	256.95	28	-90	360
	1130033			No Au			101220	0312377	230.33	20	30	300
	RSB036			Assaying			484249	6512571	256.8	46	-90	360
	RSB037			No Au Assaying			484271	6512564	256.8	38	-90	360
)	KSDUST			No Au			404271	0312304	230.0	30	-90	300
	RSB038			Assaying			484295	6512557	257.22	28	-90	360
	DCDOOO			No Au			40.4270	6542200	24447	20	00	260
	RSB039			Assaying No Au			484270	6512289	244.17	38	-90	360
))	RSB040			Assaying			484294	6512285	245.59	36	-90	360
				No Au								
	RSB041			Assaying			484318	6512282	247.64	44	-90	360
	RSB042			No Au Assaying			484342	6512278	249.33	50	-90	360
				No Au					.5.55			
	RSB043			Assaying			484366	6512274	250.86	50	-90	360
	RSB044			No Au Assaying			484390	6512270	252.44	56	-90	360
	1130077			No Au			70 <del>1</del> 330	0312210	£J£, <del>44</del>	30	-50	300
)	RSB045			Assaying			484414	6512266	253.71	46	-90	360
/	DCDOAC			No Au			404420	6512262	255.22	F.4	00	360
	RSB046			Assaying No Au			484438	6512263	255.22	54	-90	360
	RSB047			Assaying			484462	6512259	256.1	49	-90	360
				No Au								
	RSB048			Assaying No Au			484487	6512255	256.7	48	-90	360
	RSB049			Assaying			484511	6512251	257.12	51	-90	360
ŀ				No Au								
	RSB050			Assaying			484535	6512246	257.12	53	-90	360
	RSB051	0	26	No Au Assaying			485035	6511427	245.13	50	-90	360
ŀ	RSB051	30	32	Assaying 2	0.17	0.35	703033	0311421	273.13	30	50	300
				No Au								
ļ	RSB051	46	48	Assaying								
	RSB052			No Au Assaying			485057	6511438	245.5	42	-90	360
L	.135032	<u> </u>	1	, 133ayirig	1		103037	0311730	213.3	12	50	330



				ı				ı	ı			
	DCDOF2			No Au			405000	CE11440	245 11	20	00	260
	RSB053			Assaying No Au			485080	6511449	245.11	38	-90	360
	RSB054			Assaying			485102	6511460	245.25	38	-90	360
				No Au								
	RSB055			Assaying			485125	6511471	245.33	38	-90	360
	RSB056			No Au Assaying			485147	6511482	245.26	20	-90	360
	KSD030			No Au			403147	0311402	243.20	20	-30	300
	RSB057			Assaying			485170	6511493	245.44	30	-90	360
	DCDOFO			No Au			40.402.0	6544724	220.02	2.4	00	260
	RSB058			Assaying No Au			484830	6511734	239.03	34	-90	360
	RSB059			Assaying			484852	6511745	239.61	32	-90	360
וע				No Au								
	RSB060			Assaying			484875	6511756	241.59	20	-90	360
))	RSB061			No Au Assaying			484897	6511766	243.85	26	-90	360
				No Au								
7	RSB062			Assaying			484920	6511777	244.84	34	-90	360
ソ	RSB063			No Au Assaying			484578	6512250	258.22	48	-90	360
ŀ	KODUOO			No Au			404370	6312230	230.22	40	-90	300
	RSB064			Assaying			484600	6512261	259.14	50	-90	360
				No Au								
3	RSB065			Assaying No Au			484623	6512272	260.56	55	-90	360
))	RSB066			Assaying			484092	6512904	269.35	18	-90	360
				No Au								
	RSB067			Assaying			484137	6512926	269.52	18	-90	360
	RSB068			No Au Assaying			484182	6512948	270.58	24	-90	360
	NSBOOD			No Au			101102	0312310	270.50		30	300
	RSB069			Assaying			484227	6512969	270.1	24	-90	360
	DCD070			No Au			404272	CE12001	200.04	24	-90	360
	RSB070			Assaying No Au			484272	6512991	269.64	24	-90	300
	RSB071			Assaying			484317	6513013	269.89	48	-90	360
-				No Au								
	RSB072			Assaying No Au			484362	6513035	270.34	50	-90	360
	RSB073	0	34	Assaying			484407	6513057	269.93	58	-90	360
	RSB073	34	36	2	0.42	0.09						
	DCD074			No Au			404452	6512070	270 54	F2	00	260
	RSB074			Assaying No Au			484452	6513079	270.54	52	-90	360
	RSB075			Assaying			484497	6513101	270.88	60	-90	360
				No Au			40.4555	0545 :	055	4.5		26-
۱	RSB076	-		Assaying No Au			484290	6512499	253.11	42	-90	360
	RSB077			Assaying			484319	6512497	253.64	36	-90	360
				No Au								
	RSB078			Assaying			484341	6512485	254.09	40	-90	360
	RSB079			No Au Assaying			484365	6512481	254.51	36	-90	360
				No Au			.51505	5512101		- 50	- 50	300
	RSB080			Assaying			484390	6512476	255.21	42	-90	360
	DCD001	_	1.4	No Au			10111	6512471	25/17	40	00	260
ŀ	RSB081 RSB081	0 14	14 40	Assaying	NSA		484414	6512471	254.17	40	-90	360
ŀ				No Au								
	RSB082			Assaying			484439	6512466	254.31	56	-90	360
	RSB083	1		No Au Assaying			484464	6512462	254.56	42	-90	360
ŀ	נטטמכע	<del> </del>		No Au			404404	0312402	234.30	444	-30	300
	RSB084			Assaying			484488	6512457	255.39	43	-90	360
	DCDCCC			No Au			40.454.3	CE12452	250.00	F.0	00	360
Ĺ	RSB085	<u> </u>	J.	Assaying	]	]	484513	6512452	256.06	58	-90	360



						•					
				No Au							
^	RSB086			Assaying		484539	6512443	256.11	48	-90	360
_	20000			No Au		10.1561	6540400	056.00	6.6		252
	RSB087	-	-	Assaying		484564	6512438	256.33	66	-90	360
	RSB088			No Au Assaying		484584	6512431	256.33	46	-90	360
_	КЗВООО			No Au		404304	0312431	230.33	40	-30	300
-	RSB089			Assaying		484609	6512427	256.93	60	-90	360
	1.02003			No Au		10.1003	0012121	230.33		- 30	300
"	RSB090			Assaying		484633	6512422	258.35	64	-90	360
				No Au							
	RSB091			Assaying		484660	6512413	259.59	66	-90	360
				No Au							
))	RSB092			Assaying		484668	6512294	262.2	60	-90	360
$\mathcal{I}$	DCDOO			No Au		40.4500	6542205	262.2	4.6	00	260
	RSB093	-		Assaying		484690	6512305	262.2	46	-90	360
))	RSB094			No Au Assaying		484713	6512316	262.87	40	-90	360
	1(300)4			No Au		404713	0312310	202.07	40	-30	300
Į	RSB095			Assaying		484735	6512327	263.16	38	-90	360
))	<u>-</u>			No Au			-		-		
/	RSB096			Assaying		484758	6512338	262.8	38	-90	360
		1		No Au							
٦,	RSB097	1		Assaying		484780	6512349	261.81	42	-90	360
7	DCD000			No Au		40.4000	CE122C2	201.10	4.0	00	360
7	RSB098	1		Assaying No Au		484802	6512360	261.16	46	-90	360
))	RSB099			Assaying		484825	6512371	260.93	44	-90	360
_	1(30033			No Au		404023	0312371	200.55		30	300
-	RSB100			Assaying		484847	6512382	260.32	44	-90	360
-				No Au							
	RSB101			Assaying		484845	6512158	255.33	30	-90	360
				No Au							
"	RSB102	-		Assaying		484800	6512136	255.77	27	-90	360
	RSB103		2	No Au		484778	CE1212E	254.07	6	00	200
))	RSB103	2	6	Assaying	NSA	404770	6512125	254.97	0	-90	360
$\mathcal{I}$	130103		- 0	No Au	NSA						
	RSB104			Assaying		484755	6512114	254.88	19	-90	360
				No Au							
	RSB105	0	2	Assaying		484719	6512097	254.39	18	-90	360
))	RSB105	2	18		NSA						
				No Au							
	RSB106			Assaying		484665	6512071	254.29	8	-90	360
))	RSB107			No Au Assaying		484621	6512049	251.62	32	-90	360
	K3B107			No Au		404021	0312049	231.02	32	-30	300
	RSB108			Assaying		484576	6512027	250.34	30	-90	360
				No Au							
	RSB109	1		Assaying		484740	6511690	235.41	2	-90	360
				No Au							
))	RSB110	1		Assaying		484762	6511701	235.7	5	-90	360
	RSB111			No Au		484785	6511712	236.79	7	-90	360
	וווטכא			Assaying No Au		404700	0311/12	230.79	/	-90	300
	RSB112			Assaying		484807	6511723	237.56	18	-90	360
		1		No Au			·				
	RSB113			Assaying		484942	6511788	245.51	50	-90	360
		1		No Au							
	RSB114		1	Assaying		484965	6511799	246.7	36	-90	360
	RSB115			No Au		404007	6E11010	246.25	EO	00	260
	KSDIIS	1		Assaying No Au		484987	6511810	246.25	50	-90	360
	RSB116			Assaying		485010	6511821	247.05	48	-90	360
		1		No Au		1.550.0				- 33	- 30
	RSB117			Assaying		485086	6511608	242.54	36	-90	360
				No Au							
	RSB118	<u> </u>		Assaying		485063	6511597	242.06	32.5	-90	360



202110		40	No Au			105011	5511505	242.05	20	22	250
RSB119	0	12	Assaying	0.12	NCA	485041	6511586	242.06	28	-90	360
RSB119 RSB119	16 20	18 22	2	0.12 0.16	NSA 0.02						
KSB119	20	22	No Au	0.10	0.02						
RSB120			Assaying			485018	6511575	241.86	30.5	-90	360
			No Au								
RSB121			Assaying			484996	6511564	241.29	24	-90	360
			No Au								
RSB122			Assaying			484973	6511553	240.57	20	-90	360
DCD422			No Au			10.1051	CE44E40	240.50	1.0	00	260
RSB123			Assaying No Au			484951	6511542	240.59	16	-90	360
RSB124	0	4	Assaying			484928	6511531	239.99	14	-90	360
RSB124	4	14	7.050yg	NSA		10.1320	0311331	200.00		30	300
_			No Au								
RSB125			Assaying			484906	6511520	241.52	12	-90	360
			No Au								
RSB126			Assaying			484884	6511509	241.06	2	-90	360
DCD127			No Au			40.4061	CE11400	240.26	4	00	200
RSB127			Assaying No Au			484861	6511498	240.26	4	-90	360
RSB128	0	12	Assaying			485012	6511416	245.98	42	-90	360
RSB128	12	42	7.030yg	NSA		.030.12	0311110	2.3.30		30	300
			No Au								
RSB129			Assaying			484990	6511406	245.55	20	-90	360
			No Au								
RSB130			Assaying			485192	6511504	245.73	14	-90	360
505404			No Au			405333	6544004	220.4	4.0		2.50
RSB131			Assaying			485329	6511281	238.1	10	-90	360
RSB132			No Au Assaying			485284	6511260	240.11	2	-90	360
K3D13Z			No Au			403204	0311200	240.11		-90	300
RSB133	0	16	Assaying			485239	6511238	241.43	24	-90	360
RSB133*	16	18	2	0.16	0.11						
			No Au								
RSB134			Assaying			485194	6511216	242.68	38	-90	360
			No Au								
RSB135			Assaying			485216	6511227	242.17	30	-90	360
RSB136			No Au Assaying			485171	6511205	242.73	26	-90	360
135130			No Au			403171	0311203	242.73	20	-30	300
RSB137			Assaying			485149	6511194	242.9	24	-90	360
			No Au								
RSB138			Assaying			485104	6511172	242.99	40	-90	360
			No Au								
RSB139			Assaying			485126	6511183	243.02	36	-90	360
RSB140			No Au Assaying			485081	6511161	243.65	32	-90	360
1/30140			No Au			100001	0311101	<del>د4</del> 3.03	34	-30	300
RSB141			Assaying			485059	6511150	244.29	22	-90	360
			No Au								
RSB142			Assaying			485014	6511128	244.47	20	-90	360
			No Au		Ţ	_					
RSB143			Assaying			484969	6511106	245.14	12	-90	360
DCD144			No Au			404024	6E11004	245 74	6	00	360
RSB144			Assaying No Au			484924	6511084	245.74	6	-90	360
RSB145			Assaying			484879	6511062	246.27	4	-90	360
			No Au						·	30	300
RSB146		<u></u>	Assaying			485675	6510115	219.43	14	-90	360
			No Au								
RSB147			Assaying			485630	6510093	219.47	26	-90	360
			No Au								
RSB148			Assaying			485585	6510071	219.4	24	-90	360
DCR1/10			No Au			105510	6510040	220.44	24	00	260
RSB149			Assaying No Au			485540	6510049	220.44	24	-90	360
RSB150			Assaying			485495	6510028	219.78	28	-90	360



			,								1	T
				No Au								
	RSB151			Assaying			485450	6510006	217.61	28	-90	360
-	RSB152			No Au Assaying			485405	6509984	217.71	34	-90	360
_	N3D13Z			No Au			403403	0303304	217.71	J-1	30	300
_	RSB153			Assaying			485360	6509962	217.43	30	-90	360
				No Au								
	RSB154			Assaying			484236	6512245	243.98	24	-90	360
))	RSB155			No Au Assaying			484211	6512205	245	26	-90	360
	135133			No Au			404211	0312203	243	20	30	300
	RSB156			Assaying			484260	6512195	243.58	28	-90	360
				No Au								
))	RSB157 RSB157	0 26	14 28	Assaying 2	0.10	0.01	484486	6511983	251.51	34	-90	360
7	KSDISI	20	20	No Au	0.10	0.01						
	RSB158			Assaying			484441	6511961	250.93	34	-90	360
リ				No Au								
	RSB159			Assaying			484396	6511939	248.94	24	-90	360
2	RSB160			No Au Assaying			484351	6511917	246.48	28	-90	360
7	1135100			No Au			10 133 1	0311317	2 10.10		30	300
	RSB161			Assaying			484328	6511906	245.74	30	-90	360
_				No Au								
7	RSB162			Assaying No Au			484306	6511895	244.97	34	-90	360
1	RSB163			Assaying			484283	6511884	242.92	24	-90	360
リ				No Au								
	RSB164	-		Assaying			484197	6512187	245	26	-90	360
	RSB165			No Au Assaying			484222	6512227	243.98	24	-90	360
-	1135103			No Au			TOTELL	OSTELLT	213.30		30	300
	RSB166			Assaying			484870	6512393	259.94	40	-90	360
リ	RSB167			No Au			40.4000	CE12404	200.02	42	00	360
	KSB107			Assaying No Au			484892	6512404	260.62	42	-90	300
))	RSB168			Assaying			484915	6512415	261.42	58	-90	360
				No Au								
	RSB169	1		Assaying No Au			484937	6512426	263.08	48	-90	360
	RSB170			Assaying			485108	6511619	243.65	18	-90	360
))				No Au								
	RSB171			Assaying			485131	6511630	244.32	30	-90	360
	RSB172			No Au Assaying			485153	6511641	245.18	28	-90	360
2	NODITE			No Au			403133	0311041	243.10	20	30	300
	RSB173			Assaying			485176	6511652	246.1	36	-90	360
	DCD17.4			No Au			405400	CE11CC2	247.20	22	00	360
	RSB174	+		Assaying No Au			485198	6511663	247.26	32	-90	360
	RSB175	0	24	Assaying			485032	6511832	246.22	42	-90	360
))	RSB175	24	26		NSA							
7	DCT01			No Au			476020	6516000	105 67	15	00	260
	RCT01	+		Assaying No Au			476929	6516880	195.67	15	-90	360
	RCT02			Assaying			476936	6516900	195.09	16	-90	360
-				No Au								
	RCT03	1		Assaying No Au			476945	6516922	194.44	14	-90	360
	RCT04			Assaying			476955	6516947	194.51	16	-90	360
				No Au								
	RCT05	1		Assaying			476962	6516969	194.51	8	-90	360
	RCT06			No Au Assaying			476971	6516990	193.75	6	-90	360
	1.0100	†		No Au			-170371	5510550	133.13	J	50	300
	RCT07			Assaying			476980	6517016	194.49	8	-90	360
	RCT08			No Au			476007	6E17020	104.12		00	260
	KCIU	1	1	Assaying			476987	6517039	194.13	4	-90	360



		No Au				_		
	RCT09	Assaying	476998	6517063	193.92	5	-90	360
-	RCT10	No Au Assaying	477003	6517081	195.27	4	-90	360
_	Kerro	No Au	477003	0317001	133.21		50	300
_	RCT11	Assaying	477009	6517099	195.27	3	-90	360
		No Au						
	RCT12	Assaying	477018	6517117	194.68	2	-90	360
))	DCT12	No Au	477027	CF17140	102.70	4	00	200
7	RCT13	Assaying No Au	4//02/	6517140	193.79	4	-90	360
	RCT14	Assaying	477034	6517158	193.88	3	-90	360
		No Au						
))	RCT15	Assaying	477045	6517176	193.88	4	-90	360
$\mathcal{I}$	DCT16	No Au	477054	CE17102	102.12	2	00	200
	RCT16	Assaying No Au	477054	6517193	193.13	3	-90	360
))	RCT17	Assaying	477065	6517209	192.93	3	-90	360
		No Au						
7	RCT18	Assaying	477079	6517232	192.93	3	-90	360
リ	DCT10	No Au	477007	CE172E2	102.04	2	00	200
	RCT19	Assaying No Au	477097	6517252	192.94	3	-90	360
	RCT20	Assaying	477115	6517270	193.12	5	-90	360
		No Au						
7	RCT21	Assaying	477133	6517288	192.73	11	-90	360
))	DCT22	No Au	477140	CE17200	102.07	10	00	200
_	RCT22	Assaying No Au	477142	6517298	193.07	10	-90	360
-	RCT23	Assaying	477151	6517308	193.07	16	-90	360
-		No Au						
	RCT24	Assaying	477159	6517315	192.36	28	-90	360
))	DCT2F	No Au	477160	CE17222	102.46	10	00	360
$\mathcal{I}$	RCT25	Assaying No Au	477168	6517323	192.46	16	-90	300
	RCT26	Assaying	477175	6517332	192.46	22	-90	360
))		No Au						
	RCT27	Assaying	477182	6517339	192.46	13	-90	360
	RCT28	No Au Assaying	477191	6517350	191.54	22	-90	360
	RC120	No Au	4//191	0317330	131.34	22	-90	300
))	RCT29	Assaying	477196	6517359	191.54	20	-90	360
7		No Au						
	RCT30	Assaying	477207	6517368	190.59	34	-90	360
))	RCT31	No Au Assaying	477215	6517377	190.45	26	-90	360
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	No Au	711213	0311311	100.40	20	-50	300
	RCT32	Assaying	477225	6517388	190.45	11	-90	360
		No Au						
-	RCT33	Assaying	477234	6517397	189.52	11	-90	360
	RCT34	No Au Assaying	477243	6517407	189.68	16	-90	360
リ		No Au	-1112-73	3311 101		10	- 50	300
	RCT35	Assaying	477254	6517418	189.68	3.5	-90	360
	DCT26	No Au	4==0.04	CE47.107	100.01	2.5	66	262
	RCT36	Assaying No Au	477261	6517427	188.81	2.5	-90	360
	RCT37	Assaying	477269	6517436	189.04	20	-90	360
		No Au						
	RCT38	Assaying	477278	6517445	189.04	9	-90	360
	DCT20	No Au	477005	CE474E4	100.24	11	00	360
	RCT39	Assaying No Au	477285	6517454	188.21	11	-90	360
	RCT40	Assaying	477298	6517472	187.42	13	-90	360
		No Au						
	RCT41	Assaying	477316	6517491	187.42	14	-90	360
	RCT42	No Au	477335	6517510	186.59	18	-90	360
I	NC142	Assaying	4//333	031/310	100.59	10	-90	200



		1	1		1			1	, ,
RC	CT43	No Au Assaying		477354	6517528	186.24	36	-90	360
7)		No Au		111111111111111111111111111111111111111					
RC	CT44	Assaying		477366	6517547	186.24	38	-90	360
		No Au			03.73.11	100.21	- 50	30	300
RC	CT45	Assaying		477384	6517563	185.58	35	-90	360
		No Au							
RC	CT46	Assaying		476821	6517844	183.03	33	-90	360
)		No Au							
RC	CT47	Assaying		476779	6517938	183.18	10	-90	360
		No Au							
RC	CT48	Assaying		476823	6517965	183.36	34	-90	360
		No Au							
RC	CT49	Assaying		476784	6518064	183.86	30	-90	360
7		No Au							
RC	CT50	Assaying		476875	6518321	190.27	20	-90	360
		No Au							
RC	CT51	Assaying		476900	6518335	191.1	22	-90	360
		No Au							
RC	CT52	Assaying		476947	6518355	193.11	32	-90	360
		No Au							
RC	CT53	Assaying		476984	6518378	194.02	16	-90	360
		No Au							
RC	CT54	Assaying		477029	6518404	194.27	11	-90	360
7		No Au							
RC	CT55	Assaying		477075	6518424	196.25	10	-90	360
))		No Au							
RC	CT56	Assaying		477124	6518449	199.08	18	-90	360

Table 4: Selected Rotary Air Blast Copper Intersection (0.1% Cu Cut)

HoleID	From	То	Interval	Cu %	NAT_East	NAT_North	NAT_RL	Depth	Dip	NAT_Az
				No Cu						
RSB051	0	26		Assay	485035	6511427	245.133	50	-90	360
RSB051	26	50	24	0.57						
including	46	48	2	3.40						

 $<sup>^{\</sup>star}$  Note Gold assaying across interval incomplete - refer to table 3. Top 26m not assayed for Cu.

Table 4: Aircore Drilling Information – Fraser Range – Western Australia

HoleID	From (m)	To (m)	Interval	Ni (%)	Cu (%)	NAT_East	NAT_North	NAT_RL	Depth (m)	Dip	Azimuth
KAC0214				N	SA	612723	6560295	182	104	-90	0
KAC0215				N	SA	612932	6560293	182	98	-90	0
KAC0216				N	SA	613131	6560310	182	93	-90	0
KAC0217				N	SA	613323	6560295	182	102	-90	0
KAC0218				N	SA	613533	6560303	182	80	-90	0
KAC0219				N	SA	613727	6560299	187	70	-90	0
KAC0220				N	SA	616010	6560207	187	62	-90	0
KAC0221				N	SA	616401	6560204	190	77	-90	0
KAC0222				N	SA	616803	6560212	192	59	-90	0
KAC0223				N	SA	617008	6560192	195	65	-90	0
KAC0224				N	SA	617205	6560201	197	72	-90	0



# Appendix 3: JORC Code, 2012 Edition - Table 1

# **Section 1 Sampling Techniques and Data**

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (i.e. Cut channels, random chips, or specific specialised industry standard	Rotary Air Blast drillholes (RCT1 – RCT56) were drilled by Shell Company of Australia (1982). Refer to WAMEX report A11174.
	measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should	Rotary Air Blast drillholes (RSB1 – RSB175) were drilled by Shell Company of Australia (1982). Refer to WAMEX report A14086.
	not be taken as limiting the broad meaning of sampling.  Include reference to measures taken to ensure sample	Shell Company of Australia (1982) drilled diamond drillholes (DSB1 and DSB2). Refer to WAMEX report A14086.
)) ]	representivity and the appropriate calibration of any measurement tools or systems used.  Aspects of the determination of mineralisation that are Material to the Public Report.	Air Core drill holes (UAC111 – UAC116) were drilled under a Joint Venture with Sipa Resources and Placer Dome Asia Pacific during 2004 -2006. Refer to open file WAMEX report A76439. Aircore samples were initially composited up to 4m, and anomalous samples re- split to 1m and re-assayed.
3	In cases where 'industry standard' work has been done this would be relatively simple (eg '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	Diamond Hole SBDD001 was drilled under a Joint Venture with Sipa Resources and Placer Dome Asia Pacific during 2005. Refer to open file WAMEX report A71782.
リ コ	other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed	Shell Company of Australia carried out soil sampling program, concentrating over the Southern Brook Prospect. Refer to open file WAMEX report A14086 for further technical details
	information.	Sipa carried out soil sampling and auger sampling with a focus on the Centre Forest and Cartamulligan Prospects. Refer to open file WAMEX reports A66830, A68847 and A76439 for further technical details.
)) =		Sipa-Placer Dome JV (2004 – 2006) carried out soil sampling and Auger sampling Auger sampling. Refer to open file WAMEX reports A70721 and A71785 for further technical details.
		Mindax Limited carried out auger and soil, geochemical sampling programs. Further details the auger programs, refer to open file WAMEX reports A77258, A77283, A78088, A80781, A70785, A85890 and A99989. Further details for the soil programs, refer to open file WAMEX reports A89497 and A932699.
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg	Shell Company of Australia RAB holes were drilled to blade refusal.
	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).	Shell Company of Australia (1982) drilled diamond Drillholes (DSB1 and DSB2). Refer to WAMEX report A14086. After a percussion pre-collar, the diamond core consisted of NQ or BQ sized bits.
		Sipa Resources, Mindax Limited and Placer Dome Asia Pacific collectively undertook Aircore, RAB and Diamond drilling.
		Sipa Resources RAB holes were drilled to blade refusal. Small amounts of water were intersected at 20-30m with some swelling clays that affected RAB drilling.
		Placer Dome Asia Pacific and Breaker Diamond core is HQ3, HQ or NQ2. Core is orientated using Reflex orientation tools, with core initially cleaned and pieced together at the drill site, and fully orientated.

ASX:CR1



Criteria	JORC Code explanation	Commentary
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.  Measures taken to maximise sample recovery and ensure representative nature of the samples.  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 significant loss of material reported in the mineralised parts of the diamond core for the Shell or the Placer Dome holes that were inspected by Constellation geologists at the GSWA core yard and after a review geological log within open file reports.
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.  Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.  The total length and percentage of the relevant	All holes were logged by company geologists by the previous explorers at the time of drilling for lithology, alteration, mineralisation, structure, weathering, wetness and any obvious contamination and logged in full as per the company procedures. Data is then captured in a database and made public as per annual reporting requirements set by the relevant Western Australian Mines department at the time of drilling.
	intersections logged.	All cores are photographed in the core tray, with individual photographs taken of each tray both dry and wet.
Sub- sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.  If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	For each drillhole intersection included in this announcement, the drillhole database was cross checked to the original open file reports and assay files and recalculated at a 0.1g/t Au bottom cut. Samples were all sent to an accredited laboratory for sample preparation and analysis.
For all sample types, the appropriateness of the s Quality control procedu stages to maximise repr Measures taken to ensure representative of the in-	For all sample types, the nature, quality and appropriateness of the sample preparation technique.  Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.  Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half	Rotary Air Blast drillholes (RSB1 – RSB175) were drilled by Shell Company of Australia (1982). Refer to WAMEX reports and A11174 and A14086. Composite 2 m samples were collected in selected sections from the hole, generally only a few samples from the bottom of holes with the remainder of the hole left unsampled. The samples were sent to AMDEL laboratories in Perth for analysis.
	sampling.  Whether sample sizes are appropriate to the grain size of the material being sampled.	Shell Company of Australia (1982) drilled diamond drillholes (DSB1 and DSB2). Diamond samples fillets were sampled over 2m intervals and quarter core samples then taken from anomalous zones at 1 metre intervals. The samples were sent to AMDEL laboratories in Perth for analysis.
		For SDB0001, the sampling and assay techniques drilled under the Joint Venture with Sipa Resources and Placer Dome Asia Pacific, please refer to open file WAMEX report A71782. The collar of SBD0001 was drilled using and aircore rig and the remainder of the hole was cored with a diamond bit. Sampling was done at regular 1m intervals.
		Shell Company of Australia soil sampling program at southern Brook was collected using a -80 mesh on a 100m spaced lined with soil samples taken every 25m.
		Sipa soil auger samples were collected between 1m – 6m below the surface, beneath the surficial cover sequences and into the residual profile. The sample was sieved to -2mm.
		Sipa-Placer Dome JV carried out soil sampling and auger sampling. Auger samples were collected at nominal 1km x 200m and along the side of gazetted roads.
		Mindax Limited carried out auger programs on a notional 5km lines with a hole drilled every 200m. Augur holes were also drilled along the side of roads and fence lines. Soil lines were located along the Cartamulligan trend.





Criteria	JORC Code explanation	Commentary
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.  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.  Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	Shell Company of Australia sent the Rotary Air Blast drillholes (RSB1 – RSB175) and the Diamond holes (DSB1 to DSB2) samples to AMDEL Laboratories in Perth. The assay suite consisted of Cu, Pb, Zn, Ni and Ag. Due to the base metal exploration focus, gold using the Atomic Absorption Method was rarely submitted for assays. The holes that were selected for gold assays were occasional in intervals with high copper anomalism, noted alteration and the diamond holes. The majority of the Shell Company of Australia RAB holes at Southern Brook Prospect have little to no gold assaying undertaken, as reflected in the reported intersection table in the body of the text.
		Placer Dome sent diamond core samples to Genalysis Laboratories where they were analysed a suite of elements by mixed acid digest and using ICP-OES or ICP-MS. Gold analysis was using fire assay.
		All companies adopted standard QA/QC procedures.
		Shell Company of Australia soil sampling program at southern Brook was sent to Amdel and assayed for Cu, Zn and PB. Au was not assayed.
		Sipa soil and auger samples were sent to Ultratrace Laboratories. The laboratory methodology used a mixed acid digest with ICPMS and ICPEOS finish reading a suit of elements. For gold and platinum group elements, a fire assay was undertaken.
		Sipa-Placer Dome JV carried out soil sampling and Auger sampling Auger sampling. Samples were sent to Genalysis and dissolved with aqua regia with a mass spectroscopy and atomic absorption spectroscopy to read a suit of assays.
		Mindax Limited auger and soil samples were sent Ultratrace Laboratories and Aurum Laboratories. Assay methodology used aqua regia digest with atomic absorption spectroscopy and mass spectroscopy.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.  The use of twinned holes.  Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.  Discuss any adjustment to assay data.	CR1 personnel have verified the significant results outlined in this report using a bottom-up approach. A validation of the inherited drillhole database was completed that included the cross checking of the drill hole information stored in the database against the original open file WAMEX reports, confirmation of assay methodology suitability, confirming the use of an accredited laboratory and the visual inspection of mineralised diamond core. Each intersection was recalculated with a strict 0.1g/t Au bottom cut.
		A number of Southern Brook holes were drilled in close proximity. In these instances, these "pseudo twinned holes" showed promising repeatability in both grades and thicknesses.
		Primary geological and sampling data were recorded and were subsequently transferred to a digital database. Constellation geological staff validated this information.
		No adjustments or calibrations were undertaken other than the average any repeated analysis for each individual sample.
		Soil and Auger programs have been undertaken periodically since 1980's using a number of different collection techniques and assay methodologies. There also a varied suite of element assays that have been reported due to the focus on the

exploration commodity at the time, For example early explorers



Criteria	JORC Code explanation	Commentary
		didn't assay for gold in surface geochemistry programs A number of historic orientation and validation reports have been completed by previous explorers that correlated the historic soil and augur program results, refer to open file WAMEX reports A68847, A71782 and A78088. Constellation has also an independent geochemical review with Sugden Geoscience late in 2024.
		A key finding for all these surface geochemical reviews is that copper appears to be the most consistent and repeatable element to show areas of regional anomalism, despite the various historic collection techniques and changes in analytical methods used. Hence a raw data copper plot has been included in the body of the text as it can highlight key prospects and point to prospective regional trends.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.  Specification of the grid system used.	Shell Company of Australia established a local grid at Southern Brook to establish soil geochemistry grid and drillhole location were picked up using a survey instruments. All these locations have been transferred to the current grid system to an accuracy is estimated to be within +-10m.
	Quality and adequacy of topographic control.	Handheld GPS recorded drill hole collars and surface geochemistry locations. For drilling GPS elevation values are corrected where necessary using a digital elevation model from a LIDAR survey. Expected accuracy is +/- 5m for easting, northing and RL (GPS) and +/- 0.1m or less LIDAR elevation point data. All diamond holes are gyro surveyed for rig alignment and downhole at the completion of the hole.
		The grid system is GDA94 MGA, Zone 50.
Data spacing and distribution	Data spacing for reporting of Exploration Results.  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.	Drill holes are at reconnaissance variable spacings. Drilling is not located on any particular grid at this time.  There is insufficient drilling to use for a mineral resource at this point in time.
	Whether sample compositing has been applied.	No sample compositing has been applied to diamond drill core.
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.  If the relationship between the drilling orientation and the	The general orientation of the Centre Forest Prospect and Southern Brook mineralisation trend is at a strike ~ 335 degrees, moderately easterly-dipping ~45 degrees and is typically between 10-30m wide.
structure	orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	Centre Forest Prospect drill holes were drilled on oblique sections and perpendicular to the main mineralised trend. For drill holes drilled towards 245 degrees at -60 dip.
		There remains insufficient information available to conclusively determine if there is a relationship between drilling orientation and mineralisation, but an initial assessment shows this is unlikely.
Sample security	The measures taken to ensure sample security.	Refer to open file sources mentioned above.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No formal audits/reviews have been conducted on sampling technique or data to date.



# **Section 2 Reporting of Exploration Results**

(Criteria listed in the preceding section also apply to this section).

	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	The portfolio is made up of two tenements E70/4686 and E70/4901 which are held 100% by Breaker Resources NL. The registered holder of the tenement will be assigned to CR1 Minerals Pty Ltd as part of the completion of the sale.
		sites, wilderness or national park and environmental settings.	Tenement E70/6671 is held 100% by CR1 Minerals Pty Ltd and was granted on the 4/12/2024.
		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.	There are no material interests or issues associated with the tenements. The tenements are in good standing and no known impediments exist.
7			A series of Access Agreements are in place with the landholders to conduct exploration activity within the portfolio. The private landholders have standard rights to their property.
			Breaker executed a "Noongar Standard Heritage Agreement" on the 20/03/2023 covering tenements E70/4901 and E70/4686. The project area was previously subject to the "Southwest Settlement" determined area (Native Title Area ID WC1996/041; Federal Court Reference WAD6085/1998).
			As per the National Native Title Register, the project is currently within "Southwest Settlement", Tribunal file number WCD2021/010 with a determination date of 01/12/2021.
	Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	The area of the tenement was covered by reconnaissance scale laterite sampling undertaken by the CSIRO between 1983 and 1986. It was from this data that the Centre Forest Prospect was identified.
			Shell Company of Australia conducted Cu-Zn exploration in the 1970's to early 1980's in the area covered by the current tenement. Theirs work consisted of soil, lag and rockchip geochemical sampling, Sirotem, RAB and diamond drilling.
)			From 1993 to 1996, BHP Minerals targeted a Boddington-Style deposit however their regional soil sampling activities were focussed further to the west.
			Between 1996 and 1999, CRA Exploration undertook aircore drilling targeting kaolinite deposits.
			Between 2000 and 2003, exploration activities were conducted on the tenement area by Sipa Resources NL, and by Placer Dome in joint venture with Sipa between 2004 and 2006. Exploration activities by Sipa and Placer are well summarised by Sipa (A076439 WAMEX report) and Mindax Energy Pty Ltd (A078088 WAMEX report).
			From 2009 to 2014, Mindax Energy Pty Ltd commenced exploration fieldwork with heli VTEM and geochemical sampling program (auger, soil, rock chip) which was followed by extensive geophysical, aircore drilling and fixed-loop EM survey.
			Breaker Resources NL (2015 - 2023) purchased Mindax's database, carried out detailed re-logging of the two Placer Dome diamond drill holes. 20 line-km Deep Ground Penetrating Radar survey across three prospect areas was undertaken. A 615 line-km High Resolution Drone Magnetic survey over one prospect area. A 5-hole, 1,145.5m, diamond drilling program



Criteria	JORC Code explanation	Commentary
		from 31 October to 8 December 2022 under EIS Co-funding.
Geology	Deposit type, geological setting and style of mineralisation.	The Ularring Project is located within the Archaean Yilgarr Craton, in the Corrigin tectonic zone and borders the Southwes and Youanmi Terranes. The region is known to host severa economic deposits such as Boddington, the past mined Griffin's Find, Calingiri, the world-class Julimar PGE-Ni and the 2.84M Caravel Minerals Caravel copper deposit.
		The project area regolith is dominated by loose sand produce by granite gneisses weathering, and the fresh bedrock dominated by gneisses, banded iron formations, amphibolite and granulites belonging to the 3.2 – 2.8 Ga Jimperdin Metamorphic Belt. This belt extends N-NW for over 120km an varies in width from 15-65km (Wilde and Low, 1978) and wa interpreted as mixed mafic, sedimentary sequence intruded be sills of dolerite and ultramafic rocks that were all togethe subject to regional/granulite facies metamorphism (hig temperature and pressure conditions) progressively increasin eastward. The strata dips mostly to the east at moderate to stee angles.
		The Meenar Shear zone appears to separate the two domains:
		The western domain dominated by the upper mentioned gneis and granulite with sedimentary, mafic and ultramafic protolith. The south-western domain is dominated by banded and nebulitic migmatite and gneiss with local banded iron formation (BIF), as well as leucocratic gneiss.
		The eastern domain dominated by gneiss and migmatite that were intruded by equigranular to porphyritic granite. In the regional context, little is understood about the Meenar Sheat zone and its potential for hosting mineralisation.
		Constellation is currently investigating the geology and the paragenesis of the mineralisation styles observed at Ularring.
		Preliminary interpretation suggests the presence of granitoi related gold style of mineralisation in the area
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:  o easting and northing of the drill hole collar	Refer to Appendix 2 for significant drill results and a summar of all the required drill hole information.
	<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole.</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul>	
	If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.  Where aggregate intercepts incorporate short lengths	Grades are reported above a lower cut-off grade of 0.1g/t Ar Tabulated results are individual samples with a length rangin from 0.1 to 4m. A minimum intercept length of 1m applies t the intervals. A minimum internal dilution of one metre applied where applicable.



Criteria	JORC Code explanation	Commentary			
	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.	All reported diamond drill assay results, RAB and AC have been length weighted (arithmetic length weighting).  No metal equivalents have been undertaken.			
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	Copper grades for a selected hole at Southern Brook Prospect was using a lower cut-off grade of 0.1% Cu., Tabulated results are individual samples with a length of 2m.			
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 (eg 'down hole length, true width not known').	All drill hole intercepts are measured in downhole metres.  The general orientation of the Centre Forest Prospect and Southern Brook Prospect k is the mineralisation is at a strike ~ 335 degrees, moderately easterly-dipping ~45 to 65 degrees and is typically between 10-30m wide.  Centre Forest Prospect drill holes were drilled on oblique sections and perpendicular to the main mineralised trend. For drill holes drilled towards 245 degrees at -60 dip, the downhole intervals are interpreted to be close to 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.	A representative cross section and plans of drillhole locations have been provided in the body of the report.			
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 avoiding misleading reporting of Exploration Results.	Grades reported in are based om a 0.1g/t Au bottom cut. No top cut off has been applied.			
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	Mineralogical information that has been included in the report is based on two historic optical petrology reports by independent consultants sourced from WAMEX Report A76439 and A71782. Other mineralogical information was obtained from open file HyLogger-3 scans for diamond hole SDB0001 that is available on GeoView from the Geological Survey of Western Australia.			
	substances.	The historical ground IP survey data was completed by GPX Surveys for Sipa Exploration NL in 2003, included with WAMEX report A68847. The survey was collected using a Zonge GGT-30 transmitter and Zonge GDP-32 Receiver. A single line of Pole-Dipole IP was collected, with 100m dipole spacing to N=8. The data were verified and validated by Core Geophysics.			
		A historical Versatile Transient Electromagnetic survey referred in this release was flown by Mindax LTD over 2 campaigns in 2007 and 2009. The data is available publicly via DEMIRS MAGIX as R70116 and R70349.			
		The surveys were flown east-west with 200m line spacings and nominal 80m flying height. The VTEM data were verified and validated by Core Geophysics. Previous interpretation identified 22 targets within the company tenements of which 11 were labelled strong and 11 as moderate (report supplied to Mindax LTD). A more recent review by Core Geophysics defined 9 targets of interest of which 7 were not previously identified. None of the 9 targets have been effectively tested.			
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale	Further work is planned as stated in this announcement.			



Criteria	JORC Code explanation	Commentary
	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.	

# **Appendix 5B**

# Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

CONSTELLATION RESOURCES LIMITED

ABN

Quarter ended ("current quarter")

57 153 144 211

31 December 2024

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(260)	(472)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(123)	(252)
	(e) administration and corporate costs	(146)	(255)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	17	40
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other – Business development costs	(5)	(18)
1.9	Net cash from / (used in) operating activities	(517)	(957)

2.	Ca	sh flows from investing activities		
2.1	Pa	yments to acquire or for:		
	(a)	entities	-	-
	(b)	tenements	(22)	(22)
	(c)	property, plant and equipment	-	-
	(d)	exploration & evaluation	-	-
	(e)	investments	-	-
	(f)	other non-current assets	-	-

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	(22)	(22)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(2)	(2)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (Proceeds received in advance for issue of equity securities)	-	-
3.10	Net cash from / (used in) financing activities	(2)	(2)

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	1,853	2,293
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(517)	(957)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(22)	(22)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(2)	(2)

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Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	1,312	1,312

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	59	16
5.2	Call deposits	1,253	1,837
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	1,312	1,853

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	227
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7.	Financing facilities  Note: the term "facility' includes all forms of financing arrangements available to the entity.  Add notes as necessary for an understanding of the sources of finance available to the entity.	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at qu	ıarter end	-

7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end,

include a note providing details of those facilities as well.

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(517)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(517)
8.4	Cash and cash equivalents at quarter end (item 4.6)	1,312
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	1,312
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	2.5
	Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.	

Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.

- 8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:
  - Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer: Not applicable

8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer: Not applicable

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: Not applicable

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

## Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 31 January 2025

Authorised by: Company Secretary

(Name of body or officer authorising release - see note 4)

#### Notes

- This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
- If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this 2. quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
- 3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
- 4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee - eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee"
- 5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's Corporate Governance Principles and Recommendations, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.