

## **ASX** ANNOUNCEMENT:

ASX: DAL 28 November 2022

# Gold anomalism 3km strike length outlined at Goodbody, Lyons River Project in Gascoyne

## **Highlights**

- Step-out soil sampling at Goodbody prospect extends Au-anomalous soil footprint to 3 km strike length.
- Results delineate three highly anomalous Au-in-soils centres (>10 ppb Au zones)
   within the broader anomalous Au footprint:
  - Goodbody West peak value this campaign 54 ppb Au, adjacent to historic
     6.25 g/t Au quartz vein rock chip sample
  - o Goodbody Central peak value this campaign 57 ppb Au, previously 93 ppb Au
  - Goodbody East peak value this campaign 24 ppb Au
- Ground investigation, rock chipping and geological mapping to commence within the December Quarter.

Dalaroo Metals Ltd (ASX: DAL or "Company") advises that it has received assay results for recently completed infill and step-out soil sampling at its newly identified Goodbody gold prospect, in the western part of the Lyons River Project. The 3 km long trend comprises three higher strength anomalous zones (>10 ppb Au), forming separate sub-targets within the Goodbody prospect; Goodbody West, Goodbody Central, and Goodbody East (Table 1). The Goodbody Central and Goodbody East targets form discrete high strength anomalies within a 3 km long continuous trend of >2 ppb Au-in-soils (Figure 1).

**Table 1:** Summary features of discrete Au anomalies (targets) within the Goodbody prospect.

Target	>10 ppb Au-in-soil anomaly strike length	Peak Au-in-soil value	Peak Au rock chip value
Goodbody West	>250 metres	54 ppb	6.25 g/t
Goodbody Central	>200 metres	93 ppb	untested
Goodbody East	>200 metres	24 ppb	untested

**Dalaroo's Managing Director, Harjinder Kehal, commented**: "The results of our focussed soil sampling program verify and link previous Au-in-soil anomalous sample sites, and have extended the wider prospect scale soil anomalism to approximately 3 km in length; a 100% increase from the previously reported 1.5 km strike".



#### **Technical Commentary**

The Goodbody gold prospect was defined in April 2022 from a review of Dalaroo's soil geochemical sampling which was previously completed on a pattern of 250m X 50 to 100m over several campaigns by Serena Minerals Limited (period 2017 to 2021). A peak value of 93ppb Au was returned from the now named Goodbody Central target. Rock chip sampling at Goodbody was carried out by Audalia Resources Limited (ASX: ACP) during 2014 to 2015 1&2, with anomalous Au results of 0.40g/t, 0.32g/t, 3.17g/t, and 6.25g/t returned from low-lying ferruginous quartz vein outcrops at the now named Goodbody West target (Figure 1).

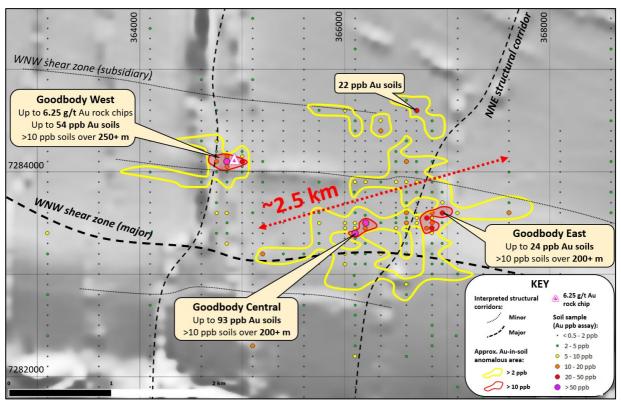


Figure 1: Goodbody gold prospect soil anomaly map, including newly defined discrete Au anomaly targets Goodbody West, Goodbody Central and Goodbody East. Overlaid on greyscale Total Magnetic Intensity (TMI) 1VD basemap.

The anomalous Au-in-soil footprint displays an apparent east-west orientation, sub-parallel to the local structural-stratigraphic trends and major WNW-striking regional shear zones in the district, which transect the Lyons River Project and wider Gascoyne Province (Figure 2). The Geological Survey of Western Australia interpret such structures to represent major crustal shear zones and tectonic boundaries.

It is noted that high-strength soil anomalies associated with the Goodbody West, Central and East targets spatially coincide with the location of intersections between interpreted WNW-striking structures and NNE-trending structures (Figure 1, Figure 2). Conceptually, structural intersection zones represent potentially intensified deformation areas that may be associated with favourable sites of hydrothermal fluid movement and gold mineralization. As such, the Goodbody Au targets are considered high priority for follow-up exploration work.



Continued review of historical geological mapping and sampling has also led to recognition of an additional early-stage gold prospect within the Lyons River Project, referred to as the Alpha Au prospect, situated 13 km southeast of the Goodbody Au prospect. Alpha was first identified during geological reconnaissance rock chip sampling by Audalia Resources Limited in 2014, with a ferruginous quartz vein returning 0.37g/t Au. Significantly, the Alpha prospect is situated in proximity to, and within the interpreted wider deformation domain of, the same major regional WNW-striking shear zone that is associated with the Goodbody prospect; with Goodbody to the north, and Alpha to the south, of this major structural corridor (Figure 2). To date no soil sampling or ground reconnaissance for gold at the Alpha prospect has been completed.

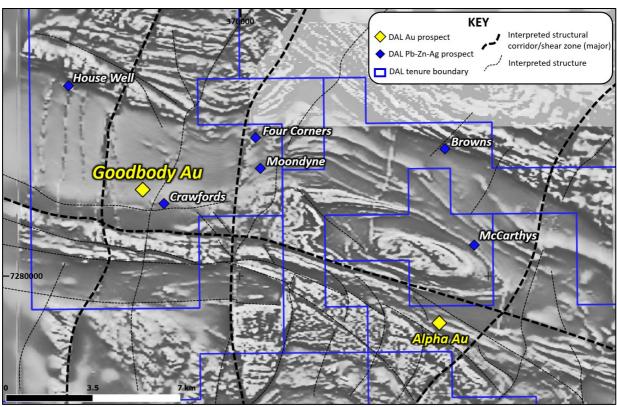


Figure 2: Location of Goodbody prospect in relation to additional gold and base metal prospects and interpreted regional structures within Dalaroo Metals' Lyons River Project area. Overlaid on greyscale Total Magnetic Intensity (TMI) 1VD base map.

#### **Next Steps**

Dalaroo proposes to complete geological reconnaissance, rock sampling and prospect-scale geological mapping of the Goodbody prospect in the December 2022 quarter. This will provide important geological and structural context for the Goodbody Au mineralized system and aim to locate in-situ Aumineralized structures and rock units associated with the soil anomalism.

The main Goodbody gold anomalous footprint remains open and poorly defined for several hundred metres west of the Goodbody West target and east of the Goodbody East target. Additionally, in a weaker anomalous zone in the northern extents of the prospect area, a 22 ppb Au sample remains open to the north. Follow-up soil sampling will step-out from these unconstrained anomalous sample sites and explore for further continuities of Au-elevated soils. First-pass soil sampling is proposed for the Alpha Au prospect 13km southeast and approximately along-trend of Goodbody. The combination of results from these programs will assist in the targeting and design for next phase of exploration during 2023.



#### **ENDS**

#### For more Information:

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#### **COMPETENT PERSON**

The information in this report that relates to Exploration results is based on information compiled by Dalaroo Metals Ltd and reviewed by Mr Harjinder Kehal who is the Managing Director of the Company and is a Registered Practicing Geologist and Member of the AusIMM and AIG. Mr Kehal has sufficient experience that is relevant to the style of mineralisation, the type of deposit under consideration and to the activities 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". Mr Kehal consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

#### FORWARD-LOOKING INFORMATION

This report may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning the planned exploration program and other statements that are not historical facts. When used in this report, the words "could", "plan", "estimate", "expect", "intend", "should" and similar expressions are forward-looking statements. Although Dalaroo believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.

#### **CAUTIONARY NOTE**

The statements and information contained in this report are not investment or financial product advice and are not intended to be used by persons in deciding to make an investment decision. In releasing this report, Dalaroo has not considered the objectives, financial position or requirements of any particular recipient. Accordingly, potential investors should obtain financial advice from a qualified financial advisor prior to making an investment decision.

Authorised for release to the ASX by the Board of Dalaroo Metals Ltd.

#### **Key References:**

- 1. ACP ASX Release, dated 16 September 2014 Gascoyne Project Exploration Update
- 2. ACP ASX Release, dated 28 January 2015 Gascoyne Project Exploration Results



#### **About the Lyons River Project**

Lyons River is located approximately 1,100km north of Perth and approximately 220 km to the northeast of the coastal town of Carnarvon, Western Australia. The Lyons River Project lies within the Mutherbukin Zone of the Gascoyne Province, which is the deformed and high-grade metamorphic core zone of the early Proterozioc Capricorn Orogen (Figure 3).



Figure 3: Lyons River Project location diagram



## Appendix 1: Dalaroo Metals Ltd – Lyons River Project – Goodbody prospect - JORC Code Edition 2012: 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 (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld x-ray fluorescence (XRF) instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.	Rock chip, stream sediment and soil sampling
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Soil samples are generally homogenised by the collection process
	Aspects of the determination of mineralisation that are Material to the Public Report.	Entire sample was submitted for sample prep and assay.
	In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent	Rock chip, stream sediment and soil sampling results are a first pass exploration technique that can assist in vectoring toward mineralisation  For soil sampling, at the selected sample site, a small hole is dug to a depth of approximately 20
	sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	cm. The soil material at the base of the hole was sieved, and approximately 2kg of –2mm soil material was collected into a numbered calico bag.
Drilling techniques	Drill type (e.g. core, reverse circulation, openhole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, facesampling bit or other type, whether core is oriented and if so, by what method, etc.).	No drilling results reported.



Criteria	JORC Code explanation	Commentary
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	No drilling results reported.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	No drilling results reported.
	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.	No drilling results reported.
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.	No drilling results reported.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.	No drilling results reported.
	The total length and percentage of the relevant intersections logged.	
Subsampling techniques and	If core, whether cut or sawn and whether quarter, half or all core taken.	Stream sediment (2kg) samples were collected using -3mm mesh.
sample preparation	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Soil samples were sieved to collect the -2 mm fraction. All samples were dry.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.  Quality control procedures adopted for all subsampling 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 sampling.  Whether sample sizes are appropriate to the grain size of the material being sampled.	Sample preparation of samples follows industry best practice standards and is conducted by internationally recognized laboratories; i.e  Oven drying, jaw crushing and pulverising so that 90% passes -75 microns  There was no sub-sampling  Soil sampling completed on a regular grid spacings to ensure representative sampling of area being assessed.  Entire sample submitted for assay and sample size is considered appropriate for the material being sampled.



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.	Rock chips samples were analysed with a ARU10/MS digest for Au, Ag, As, Ba, Mo, Sn, Ta, &W. Stream sediment samples were analysed by method CN2000/MS
	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 (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	40g sub-sample of the soils were digested in an aqua regia solution and analysed for a multielement suite by ICP MS. The aqua regia technique is not a complete digestion but for soil material is considered adequate.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Anomalous geochemical thresholds were determined by a senior geologist
	The use of twinned holes.	None drilled.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.  Discuss any adjustment to assay data.	All field data was manually collected, entered into excel spreadsheets, validated and loaded into Access database and processed by a number of different exploration software.
		None required
Location of data points	Accuracy and quality of surveys used to locate drillholes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	All samples collected are located using a handheld GPS.  Grid system used for geochemical sampling is
	Specification of the grid system used.	GDA94 Zone 50
	Quality and adequacy of topographic control.	For geochemical sampling nominal RLs based on regional topographic data sets and handheld GPS.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Soil sampling on 250m X 100m spacing based on geology/structural framework.
	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.	MRE not being reported.
	Whether sample compositing has been applied.	



Criteria	JORC Code explanation	Commentary
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.	Soil sample lines were orientated approximately parallel to the geological strike and perpendicular to strike of the interpreted major structures. Given the topography and early stage of exploration, the sampling orientation is not considered to introduce a bias to the interpretation of the data
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	No drilling results reported.
Sample security	The measures taken to ensure sample security.	Samples were collected into labelled polyweave sacks which were sealed by cable ties. The polyweave sacks were placed in bulka-bags and transported to the laboratory by freight company. Once the samples arrived at the laboratory, the samples numbers were checked against the sample submission form and no errors were identified.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	As part of the interpretation of the data the Company's geologist undertook a review of the assay data quality, including laboratory batch effects. No significant biases were identified.

### **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 sites, wilderness or national park and environmental settings.  The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The Project is located 220km north-east of Carnarvon on Eudamullah Pastoral Station.  The Competent Person is unaware of any



Criteria	JORC Code explanation	Commentary
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Exploration of Lyons River has previously been undertaken by other parties including Audalia Resources and Serena Minerals and the Competent Person has referenced the parties involved and the results of this work throughout the text.
		Audalia Resources and Serena Minerals undertook exploration with a focus on base metals during the period 2013 to 2021. Work completed regional geological mapping, geophysical surveys, rock chip sampling, stream sediment sampling and soil sampling.
Geology	Deposit type, geological setting, and style of mineralisation.	The tenements are located in the Mutherbukin zone of the Gascoyne Province. The majority of the tenement area is interpreted to be dominated by a sequence undifferentiated schists and gneiss and Davey Well Granite.  Quartz vein and shear hosted gold deposits
Drillhole information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:  • easting and northing of the drillhole collar  • elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar  • dip and azimuth of the hole  • down hole length and interception depth  • hole length.  If the exclusion of this information is justified on	No drillholes are reported.
	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.	The plan provided in the body of the report identifies the location of the geochemical sampling sites.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.	No adjustments to the assay results as reported have been undertaken.
	Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	No drilling.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No drilling.



Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept	These relationships are particularly important in the reporting of Exploration Results.	No drilling.
	If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.	No drilling.
lengths	If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'downhole length, true width not known').	No drilling.
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 drillhole collar locations and appropriate sectional views.	Appropriate maps displaying all the data points and anomalous values are 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 to avoid misleading reporting of Exploration Results.	No drilling.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples — size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	The Company's geological team will field check soil geochemical anomaly prior to planning additional field work. Work will likely include geological mapping ahead of proposed drill testing.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).  Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Appropriate plans are provided in the body of the report.