

'Eye' Structure Defined - Westonia Nickel/PGE/Gold Project

Date: 23 January 2023 ACN: 126 741 259 ASX Code: KGD

## **Highlights:**

- The recent drone magnetic survey has defined an 'eye structure'
- Airborne helicopter VTEM has defined 3 conductors at various channels and generated drill targets coincident with PGE, Nickel, Copper and Gold anomalism
- The Westonia Project is adjacent to the Edna May Gold Mine
- An aircore and/or reverse circulation (RC) program is scheduled to commence this week

Kula Gold Limited ("Kula" or "the Company") reports that the helicopter VTEM and a drone magnetic survey has now produced images that has an 'eye' structure (Figure 2) at its 100% owned Westonia Project (Figure 1) located 5km from the Edna May Gold Mine following the Company's initial survey exploration program, announced on 30 November 2022.

Kula Chief Executive Officer Ric Dawson said "What an exciting grass roots prospect that the Company is about to drill test at the Westonia Project adjacent to the ~2moz Edna May Gold Mine. Our team has acquired, processed and now interpreted three different forms of exploration techniques to develop a model to target and commence drilling this week.

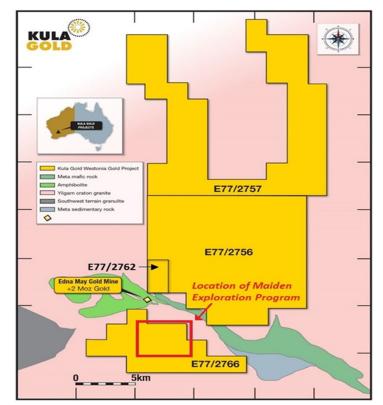


Figure 1: Location of the maiden exploration program, located less than 5km South of the Edna May Gold Mine.

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## **Helicopter VTEM**

The Company engaged UTS Geophysics for the VTEM survey and following initial positive indications had an additional 30 line-kilometres completed to infill to 100m line spacing. Further modelling of EM data is in progress.

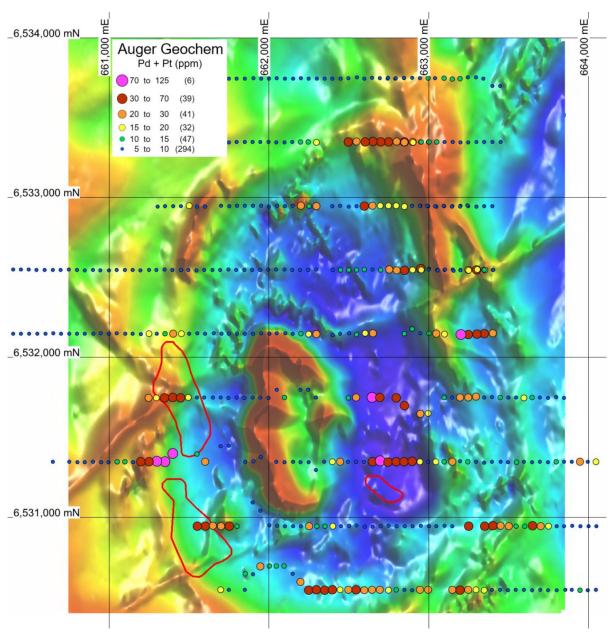


Figure 2: Combined magnetics RTP image with low resistive/high conductive areas (outlined in red polygon) with platinum and palladium auger geochemistry.



Figure 3: Helicopter with VTEM receiver underneath

## **Drone Flown Magnetics**

The Company engaged Atlas Geophysics to fly a 25m line spacing 25m height drone magnetic survey.

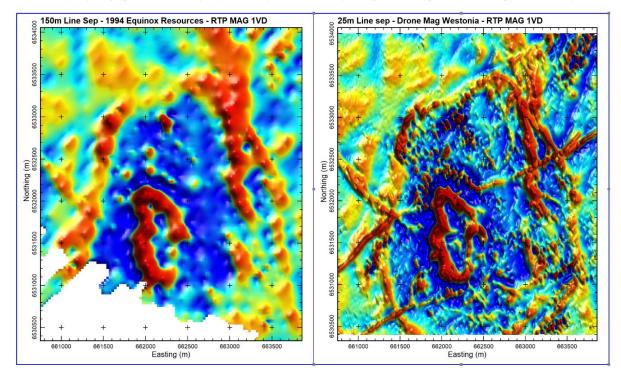


Figure 4: Drone magnetics 25m line spacing and 25m flight height providing an excellent high-resolution image of the Westonia eye (right image) over the previous 50m flight height and 150m line spacing regional public Magix version (left image).



Figure 5: Drone with magnetics equipment payload (left middle) on the ground preparing for take-off

## **Auger Drill Geochemistry**

As previously reported on 30 August 2022, (<u>Maiden Exploration Program -Westonia Project</u>) the Company reported anomalous geochemical results to 125ppb Pt + Pd (combined) and up to 35ppb gold in geochemical auger sampling, as well as 1.85g/t gold in a quartz vein rock sample from a lateritic breakaway.

As well as anomalous copper reported on 28 October 2022, <u>(Amended - Anomalous Copper & PGE – Westonia Project)</u> with 498.3ppm copper anomalism, co-incident with magnetic structures and gossanous outcrop.

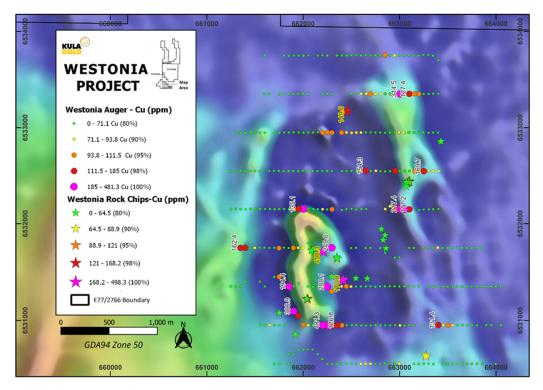


Figure 6: Anomalous copper in auger and rock chips

## **Upcoming Activities**

Following on from producing an exploration target model, with these various overlapping exploration techniques, the Company has now engaged a drilling contractor for later this month to proceed with a reconnaissance drill program to test the above anomalous areas. The Company will provide an ASX release upon the rig commencing operations.

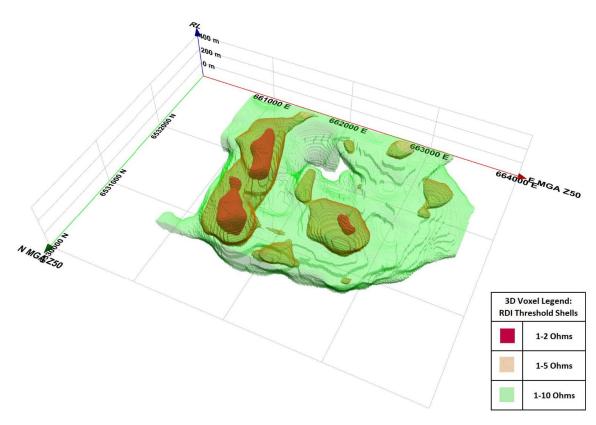


Figure 7: Resistivity image from the VTEM survey

Further results will be reported in due course.

### By order of the Board

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#### **Competent Person Statement- General**

The information in this report that relates to geology and exploration is based on information compiled by Mr. Ric Dawson, a Competent Person who is a member of the Australian Institute of Mining and Metallurgy. Mr. Dawson is a Geology and Exploration Consultant who has been engaged by Kula Gold Limited. Mr. Dawson has sufficient experience, which is relevant to the style of mineralisation, geology and type of deposit under consideration and to the activity being undertaken to qualify as a competent person under the 2012 edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves (the 2012 JORC Code). Mr. Dawson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

ASX Release 4 October 2012	Sirius Resources NL 'Nova -The New Name in Nickel, 4 October 2012
ASX Release – 30 August 2022	Maiden Exploration Program -Westonia Project
ASX Release - 29 September 2022	Heli VTEM & Mag Survey - Westonia & Mag Survey - Brunswick
ASX Release- 27 October 2022	Anomalous Copper & PGE - Westonia Project
ASX Release- 28 October 2022	Amended - Anomalous Copper & PGE - Westonia Project
ASX Release – 30 November 2022	Heli VTEM & Magnetic Survey Has Commenced - Westonia Nickel/PGE/Gold Project
ASX Release – 5 December 2022	Heli VTEM & Magnetic Survey Extended - Westonia Nickel/PGE/Gold Project

#### About the Company

Kula Gold Limited (ASX: KGD) is a Western Australian mineral exploration company with expertise in the discovery of new mineral deposits in WA. The strategy is via large land positions and structural geological settings capable of hosting ~+1m oz gold or equivalent sized deposits including lithium.

The Company is advancing projects within the South West region of WA for lithium and gold at Brunswick, as well as gold and PGE at Westonia adjacent to the producing Edna May Gold Mine (owned by ASX:RMS) in the WA goldfields.

The Company has a history of large resource discoveries with its foundation being the Woodlark Island gold project in PNG, (+1m oz Gold) which was subsequently joint ventured and sold to (ASX: GPR).

Kula's recent discovery was the large 93.3mt Boomerang kaolin deposit near Southern Cross WA – Maiden resource annouced 20 July 2022. This project is in the economic study phase and moving to PE funding or trade JV.

The exploration team are busily working towards the next mineral discovery.



# Section 1 Sampling Techniques and Data Westonia Project – VTEM Max and Drone Magnetics Geophysical Survey

Criteria	Commentary
Sampling techniques	<ul> <li>The Airborne Electromagnetics, Versatile Time Domain Electromagnetics (VTEM) surveying was completed by UTS Geophysics PTY LTD, using the VTEM Max system in December 2022.</li> <li>Drone magnetics survey was completed by Atlas Geophysics to fly a 25m line spacing 25m height drone magnetic survey.</li> </ul>
Drilling techniques	<ul><li>Not relevant.</li><li>Planned drilling will be aircore and RC.</li></ul>
Drill sample recovery	Not relevant.
Logging	Not relevant.
Sub-sampling techniques and sample preparation	Not relevant.
Quality of assay data and laboratory tests	<ul> <li>The details of the geophysical survey were outlined in the ASX Announcements of 30 November 2022 and 5 December 2022.</li> <li>All digital data was inspected daily by the UTS Geophysics site crew and the Company's consultant geophysicist. The Company received daily reports on production and of any equipment issues. The data was reviewed by the Company's consultant geophysicist and lines re-flown if there were any issues. The data presented here is final data and has undergone processing/levelling by UTS Geophysics. The Company's consultant geophysicist has completed QA/QC of the data and advised that it is suitable for public domain release.</li> </ul>
Verification of sampling and assaying	Not relevant.
Location of data points	• Coordinates were collected in GDA94 Zone 50 and reported as such.
Data spacing and distribution	<ul> <li>VTEM survey -Initial line spacing 200m apart but subsequent infill lines were 100m spacing.</li> <li>Drone magnetics were spaced 25m apart.</li> </ul>
Orientation of data in relation to geological structure	VTEM Flight lines were approximately perpendicular to currently interpreted geological strike.
Sample security	• Not relevant.
Audits or reviews	Not relevant.

## Section 1 Sampling Techniques and Data -Auger and Rock Chip Sampling

Criteria	Commentary
Sampling techniques	Auger Geochemical Samples – sampling technique
	<ul> <li>Sampling was completed by personnel employed by the auger contractor, Sahara Operations (Australia) Pty Ltd (Sahara), or by Kula geoscientist.</li> </ul>
	• Samples were taken on the interface between transported material and saprolite.
	<ul> <li>A scoop was used to take a composite sample of material from typically 0.5 - 1m of auger drilling.</li> </ul>
	<ul> <li>The sample was taken by ~ 3 scoops from the sample bucket (representative as possible) to approximately 2kg. The sample placed into a prenumbered calico bag, 10 samples are placed in a polyweave bag and Ziplock tied on site.</li> </ul>
	Rock Samples – sampling technique
	<ul> <li>Rock samples are obtained directly from outcrop, subcrop or float, by KGD geologists using a geological hammer (geopick) and/or chisel.</li> </ul>
	• Rock sampling methodology is determined by the KGD geologist at the time of sampling, with consideration of the purpose of the sample and conditions of the sampling site. Rock sampling methods include:
	<ul> <li>Random Grab (RGRAB): rock chips are randomly obtained from the selected sample site / outcrop; therefore, sample can be considered as a general representation of the sample site.</li> </ul>
	<ul> <li>Selected Grab (SGRAB): sample is obtained from rock chips that the geologist has specifically selected (with respect to alteration or mineralisation) and therefore the sample is not representative of the whole outcrop / sample site, instead only representing a specifically selected subset.</li> </ul>
	<ul> <li>Semi Continuous Chip: rock chips of similar size/weight are obtained at regular, closely spaced intervals from a defined traverse across the outcrop/sample site, with traverse length and azimuth noted in the field ledger. Semi continuous chip samples provide a fairly accurate representation of the sample site/outcrop.</li> </ul>
	<ul> <li>Continuous Chip: akin to a channel sample, whereby sample is obtained from a chiselling/chipping a continuous line of equally sized rock chips along a defined traverse across the outcrop/sample site, with the traverse length and azimuth recorded in the field ledger. This is the most accurate sampling method for sample site representativity, however, are difficult to obtain in the field without the use of a mechanised hand-held channel drill.</li> </ul>
	• Typically, 1-2kg of rock chips are collected and placed in prenumbered calico bags, and details of the sample, including coding of the sampling methodology is recorded in the field ledger.
	Auger Geochemical Samples: Analysis Method
	• Samples were sent to Bureau Veritas Perth, where they were sorted and dried.
	• The whole sample is dried weighed and crushed and a split portion is then pulverized and a nominal 40gram charge is taken by the laboratory for Fire Assay.
	• The 40 gram charge is then subject to classical fire assay and the prill is subject to total digest in a four acid digest and the solution is read by an ICP machine using OES to determine Au to 1ppb and Pt and Pd to 5ppb.

• Samples were compressed into pucks for analysis by Olympus Portable Xray fluorescence (pXRF) to determine to 5ppm Cu.

Criteria	Commentary	
	Rock Samples RK0000039 – RK000095: Analysis Method	
	• Samples were sent to Intertek Genalysis in Perth where they were sorted and dried.	
	• The whole sample is dried weighed and crushed and a split portion is then pulverized. 25g is taken by the laboratory, for aqua regia digest, and the solution is read by an ICP machine using MS to determine Au to 1ppb and Pt and Pd to 5 ppb and the four acid 48 element package.	
Drilling techniques	<ul> <li>A Landcruiser mounted S10 Auger rig with a 4-inch blade was used. Drill spoil was collected in a plastic container.</li> </ul>	
Drill sample recovery	<ul> <li>10 – 15 kg per metre was recovered (density dependent).</li> </ul>	
	There is no relationship between sample recovery and grade.	
Logging	Chips for generally qualitatively logged for basic lithology, and colour.	
Sub-sampling techniques and sample preparation	<ul> <li>Sample preparation is industry standard where up to 3kg of sample is pulverized and a nominal 40gram charge is taken for fire assay.</li> </ul>	
	<ul> <li>Mixed Acid Digest MA/ICPMS for multi element on a 0.2g charge.</li> </ul>	
	No field duplicates were taken as it is an early-stage geochemistry program.	
Quality of assay	Fire assay technique is industry standard when assaying for Au, Pt and Pd.	
data and laboratory tests	<ul> <li>Repeat samples, randomly selected by the laboratory, were within statistically acceptable limits, and no outliers were noted in the laboratory inserted standards.</li> </ul>	
	<ul> <li>pXRF readings were conducted on a pressed pellet of the augur samples using the Olympus portable XRF analyser. pXRF measurements area direct elemental analysis on the surface of the sample with high sensitivity to the element.</li> </ul>	
	<ul> <li>The rock samples and the augur samples are homogenous and the results are semi- quantitative are deemed to only provide an indication of the degree of base metal mineralization. Standard quality control procedures were put in place.</li> </ul>	
Verification of	Results have been reviewed independently by two KGD contract staff Senior Geologists	
sampling and assaying	<ul> <li>Sample records were recorded in field ledgers by Kula or Sahara personnel at the time of sampling, which were then digitalized into spreadsheets by Kula field assistants. Data was checked, spatially validated and approved by a KGD geologist prior to submission for loading into the database.</li> </ul>	
Location of data points	• Sample coordinates were obtained using handheld GPS with 3 - 5m accuracy in XY.	
points	Coordinates were collected in GDA94 Zone 50 and reported as such.	
Data spacing and distribution	<ul> <li>Phase 1 auger samples were taken at ~50m intervals along ~400m spaced lines. within access availability, adjusted where applicable.</li> </ul>	
Orientation of data in relation to geological structure	Auger holes were vertical which is appropriate for medium being sampled.	
Sample security	<ul> <li>Polyweave bags, containing 5 samples, were cable tied on site, and then placed into a bulky bag which were delivered to the secure yard of the freight company by Sahara personnel or Kula staff. The freight company delivered samples directly to the laboratory.</li> </ul>	
Audits or reviews	No independent audit of the sampling technique has been conducted.	
	<ul> <li>Results have been reviewed independent by KGD contract staff, senior geologist and Exploration Manger.</li> </ul>	

## Section 2 Reporting of Exploration Results

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

Criteria	Commentary
Mineral tenement and land tenure status	<ul> <li>E77/2766 is a granted Exploration Licence abutting the town of Westonia and is 100% owned by Kula Gold Ltd.</li> </ul>
	<ul> <li>Native Title: Marlinyu Goorlie where no freehold land. Royalty and agreement in process of being concluded.</li> </ul>
Exploration done by other parties	• There has been no surface geochemistry or drilling on the project by other parties.
Geology	Archean -Unknown commodity- first pass Geochem for gold and multi element
Drill hole Information	<ul> <li>Sample locations are provided within Figure 2 and Figure 3. Downhole depth and intercept depth are not applicable nor relevant. Results from auger geochemical sampling should be regarded and treated as if from surface samples (ie: geochemical) as opposed to drill holes.</li> </ul>
Data aggregation methods	<ul> <li>No aggregation methods applied because the sampling of the SChip because the sampling method didn't warrant it</li> </ul>
Relationship between	No downhole intercept
mineralisation widths and intercept lengths	• SChip samples were obtained along a two metre internal measured across the outcrop, therefore the grade is representative of that two metre zoned sample
Diagrams	Included within Press Release
Balanced reporting	• Geostatistics (including both the minimum and maximum values for the sample population) relevant to the elements being reported in this press have been included.
Other substantive exploration data	• Due to early stage of project, there is no further substantive exploration data.
Further work	<ul> <li>Further work includes geological mapping, systematic rock chip sampling of the lateritic breakaways and follow up infill auger geochemical sampling.</li> </ul>