

KGL Resources Ltd. Jervois Delivers High Copper Grades at Rockface

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Brisbane, Australia (ABN Newswire) - KGL Resources (ASX:KGL) recently completed a 3D - Induced Polarisation (3DIP) & Magnetotelluric (MT) survey in the Bellbird region to search for additional sulphide mineralisation in a poorly tested and yet highly prospective portion of the 12km long mineralised corridor at Jervois (Northern Territory). A strong coincident IP chargeability and conductivity response was modelled at the Rockface prospect that extends to a vertical depth of over 400m, the limit of the survey. The IP anomaly is located under a prominent ironstone ridge with copper occurrences.

Highlights

- Diamond hole KJCD171 intersects a broad interval of high-grade copper mineralisation:
 - * 13m @ 2.14% Cu, 12.5g/t Ag, 0.10g/t Au from 255 m
 - * 2m @ 2.83% Cu, 10.8g/t Ag, 0.05g/t Au from 278 m
- Mineralisation coincides with a strong, IP chargeability and conductivity anomaly
- Strong DHEM conductors detected in-hole and off-hole extending 300m below current resource

Hole KJCD171 intersected intervals of disseminated mineralisation from 205m in garnet-chlorite altered sediments followed by 14m of massive magnetite-chalcopyrite from 253.5m to 267.5m. Garnet-chlorite schist and magnetite are typical of the host rocks for other sulphide resources within the project area. The sulphide intersection is deeper than any previous hole drilled at Rockface and well below the current Inferred resource boundary (Figures 1 & 2, see link below).

A Down Hole Electro-Magnetics (DHEM) survey was completed on KJCD171 to delineate the extent of the sulphide mineralisation and to identify off-hole conductors that may represent additional lenses of high-grade mineralisation. Modelling of the DHEM by Newexco identified three good conductors. The hole pierced the top corner of Conductor 1 and 2 while Conductor 3 was not intersected and sits deeper beneath the hole, extending to 300m below the existing resource.

The average density of the high-grade zone in KJCD171 is 4.33 t/m³, which is considerably higher than most of the resource that is closer to 3 t/m³ implying a higher copper metal content per cubic metre of rock than elsewhere at Jervois given the same grades.

Simon Milroy, the Managing Director of KGL Resources comments, "Detection of strong off-hole EM conductors extending below KJCD171 is driving a reassessment of the potential at Rockface. The width and grade of the mineralisation is better than in any previous drilling closer to the surface and in outcrop. Rockface appears to be improving with depth."

"The Rockface trend does not currently feature in our PFS mine schedule but has the potential to add a new open pit and underground mine to the project. It is exciting to see a commitment to exploration generate further upside to the project at these grades."

The 3DIP technique responds well to disseminated sulphides and we are seeing low-grade disseminated copper mineralisation in each of the chargeability anomalies targeted. The assay results from hole KJCD171 are the best intersection in this program to date though other drilling has intercepted high grades but narrow intercepts including:

- 2m @ 3.18% Cu, 11.8g/t Ag, 0.03g/t Au from 19 m (KJC167) Target A
- 4m @ 0.51% Cu, 1.09% Pb, 4.27% Zn, 16.4g/t Ag, from 119 m (KJC169) Bellbird East

To view the release including tables and figures, please visit:
<http://media.abnnewswire.net/media/en/docs/ASX-KGL-886369.pdf>

About KGL Resources Ltd:

[KGL Resources Ltd.](#) (ASX:KGL) is an Australian mineral exploration company focussed on increasing the

high grade Resource at the Jervois Copper-Silver-Gold Project in the Northern Territory and developing it into a multi-metal mine.

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