



TROY RESOURCES LIMITED

ASX ANNOUNCEMENT

17 May 2021

ACQUISITION OF HIGHLY PROSPECTIVE POTARO TARGET NEAR KAROUNI

Troy Resources Limited (**ASX:TRY**) (**Troy** or the **Company**) is pleased to advise that, over the past six to eight months, the Company has secured tenements over targets adjacent to its 100%-owned Karouni Gold Project in Guyana that are considered to be highly prospective for large-scale gold discovery.

These tenements see the Company's landholding at Karouni increase to an area of approximately 3,000 hectares.

Significantly, the Company has secured a package of tenements over an area referred to as the Potaro target.

Located approximately 20 kilometres to the south of the Karouni Mill, Potaro was identified by Troy as a must-have target approximately two years ago.

A map illustrating Troy's ground position at Karouni, identifying the location of the Potaro target within the newly acquired tenements, is set out as Figure 1:

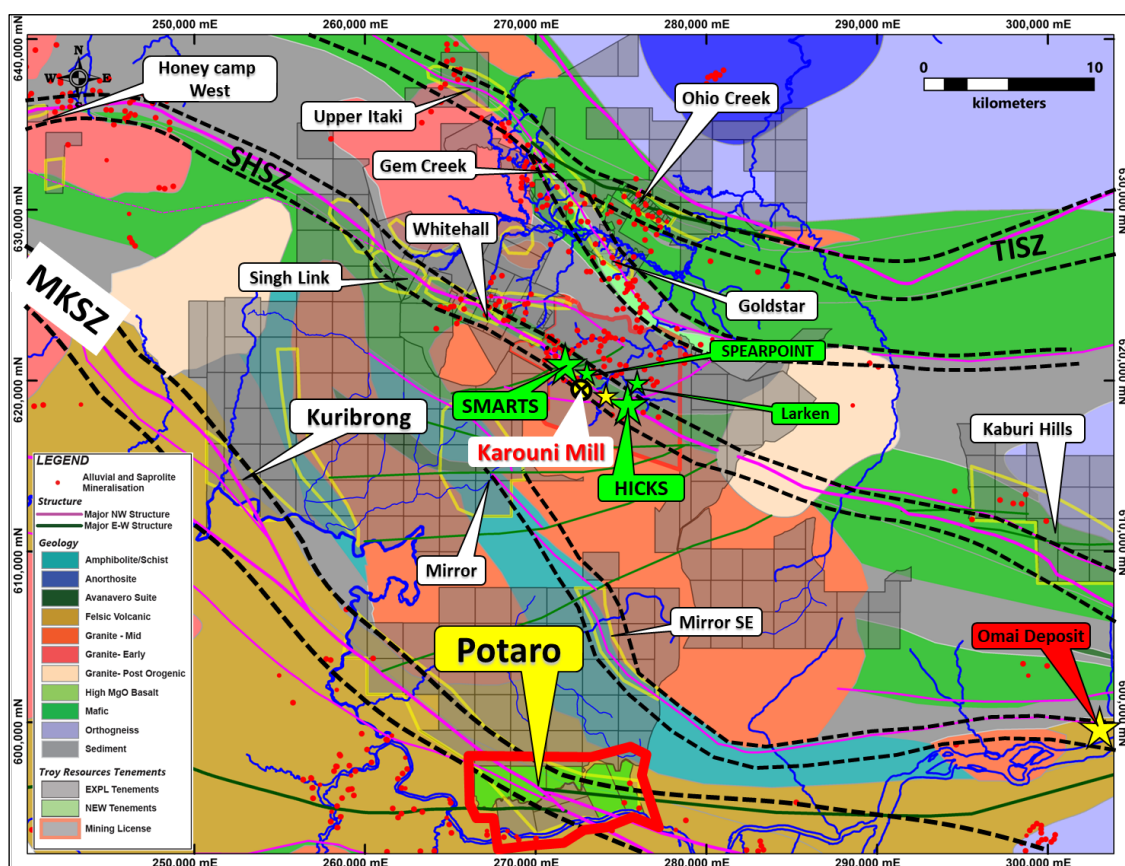


Figure 1: Map illustrating Troy's Karouni ground position, with the Potaro target highlighted.

The Potaro target is considered highly prospective for Gold, interpreted to be underlain by the Makaba Kuribrong Shear Zone (**MKSZ**).

As illustrated in the figure above, Potaro is situated in the area of a major "jog" (i.e. bend) in the interpreted position of the MKSZ.

The MKSZ, mostly covered by sand along the newly acquired tenements, is defined by aeromagnetic surveys and is understood to be a crustal fault zone. The fault zone is suggested to extend for more than 300 kilometres within Guyana as well as into Venezuela towards the northwest.

To the east, the MKSZ is interpreted to connect with the Central Guiana Shear Zone (**CGSZ**), which extends for several hundreds of kilometres through Suriname and French Guiana, and which is interpreted by some to connect up with the Senegal-Mali Shear Zone in West Africa.

A map illustrating the MKSZ, CGSZ and the Senegal-Mali Shear Zone through both the Guiana and West Africa Shields is set out as Figure 2.

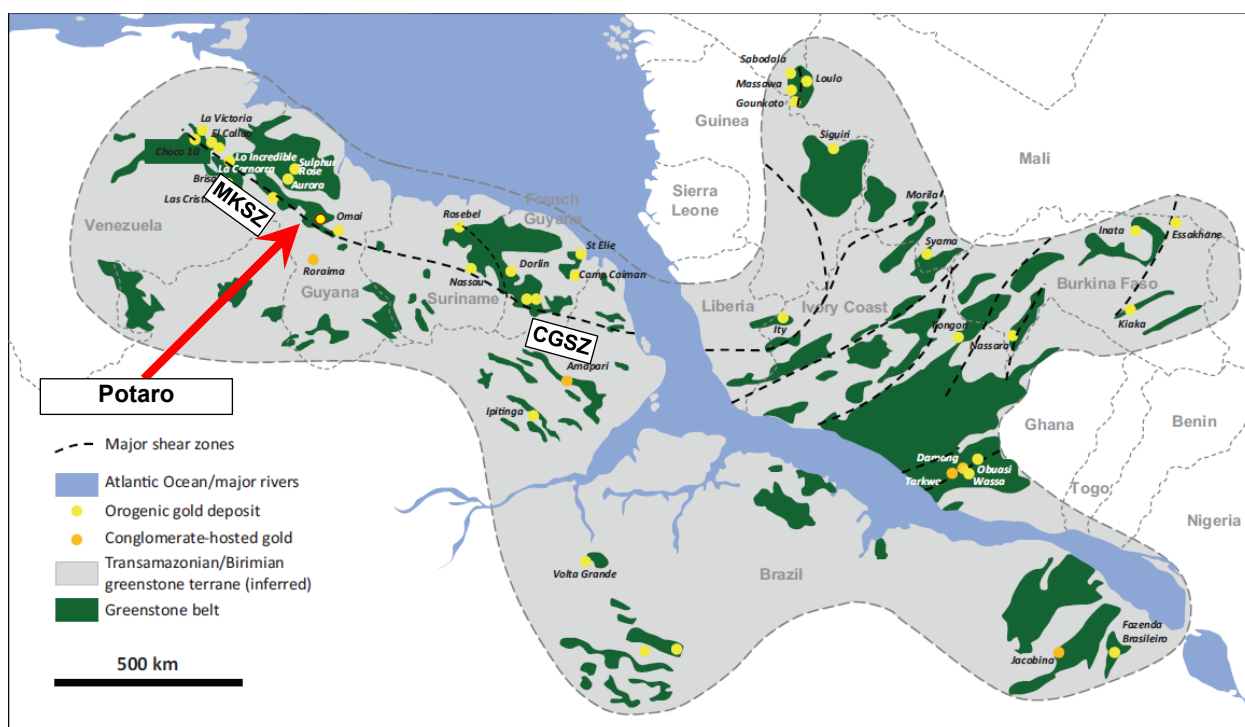


Figure 2: Reconstruction of the Guiana and West Africa shields, and location of greenstone belt-hosted orogenic gold deposits (modified after Goldfarb et al., 2017. *West Africa, The World's Premier Paleoproterozoic Gold Province*, *Economic Geology* 2017, v.112, pp. 123-143).

With the MKSZ-CGSZ interpreted as being crustal shear zones, they rank alongside other crustal shear zones such as occur in Canada, the Cadillac fault system, and Australia, the Boulder-Lefroy fault system.

Crustal shear zones are understood to be the pathway for gold bearing fluids in most orogenic gold districts worldwide.

Indeed, the CGSZ hosts several notable gold deposits including, Newmont's 8.6 million ounce Merian deposit and IAMGOLD's 9.7 million ounce Rosebel deposit, both of which are located in Suriname¹.

Within the West African extension, deposits include Barrick Gold's 13.7 million ounce Loulo mine in Mali and Anglo Gold's 8.2 million ounce Siguri Gold Mine in Guinea.

Whilst no discoveries of significant size have thus far been identified within the MKSZ in Guyana, this can reasonably be attributed to the country's relatively young exploration history as well as the extensive sand cover referred to above.

Since acquiring the Potaro tenements, Troy has had the opportunity to undertake initial mapping and reconnaissance work.

The Potaro River and local tributaries have been heavily mined for alluvial gold.

The presence of the MKSZ at the tenement location is evidenced by highly strained saprolite of a phyllite protolith with abundant quartz veining and strong sericite alteration in outcrop exposed in river and creek ravines which cut through the sand cover.

Given the extent of sand cover, gridded drilling will be required to undertake a detailed evaluation of the subject area.

¹ Note: Ounces for these deposits and those referred to below are sourced from the relevant 2020 Reserve and Resource Statements.



Troy considers that these newly acquired tenements have the potential to host significant gold mineralisation and will form a key component of the Company's exploration strategy going forward.

This announcement has been authorised for release by the Board of Directors.

ENDS

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Competent Person Statement

The information in this report that relates to Exploration Results is based on information compiled by Richard Maddocks, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Maddocks is employed as an independent consultant to the Company. Mr Maddocks has sufficient experience that is relevant to the style of mineralisation and type 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'. Mr Maddocks consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.