

13 August 2020

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## Niagara (Kookynie) Gold Project; September Drilling

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### Highlights

- Interpretation of aeromagnetic, geological and geochemical data is rapidly enhancing GTi's understanding of the mineralising systems and gold anomalism at its Niagara Project.
- Ground truthing and a significantly expanded 1,000-hole auger soil sampling program commences Monday, 17 August.
- First phase follow-up drilling of circa 50 Aircore holes is planned for September.
- Second phase RC drilling is expected to commence during October.

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GTi Resources Ltd (**GTi** or the **Company**) is pleased to confirm the commencement of the Company's phased exploration program including its maiden drilling campaign at the Niagara gold project in WA (**Niagara Project**).

Interpretation of historical data and planning for the next stage of exploration is underway at the Company's Utah uranium and vanadium projects. In the meantime, GTi is rapidly evaluating the potential for economic gold mineralisation across the newly consolidated and historically underexplored Niagara Trend near Kookynie in WA's highly prospective eastern goldfields (**Figures 1 & 2**).

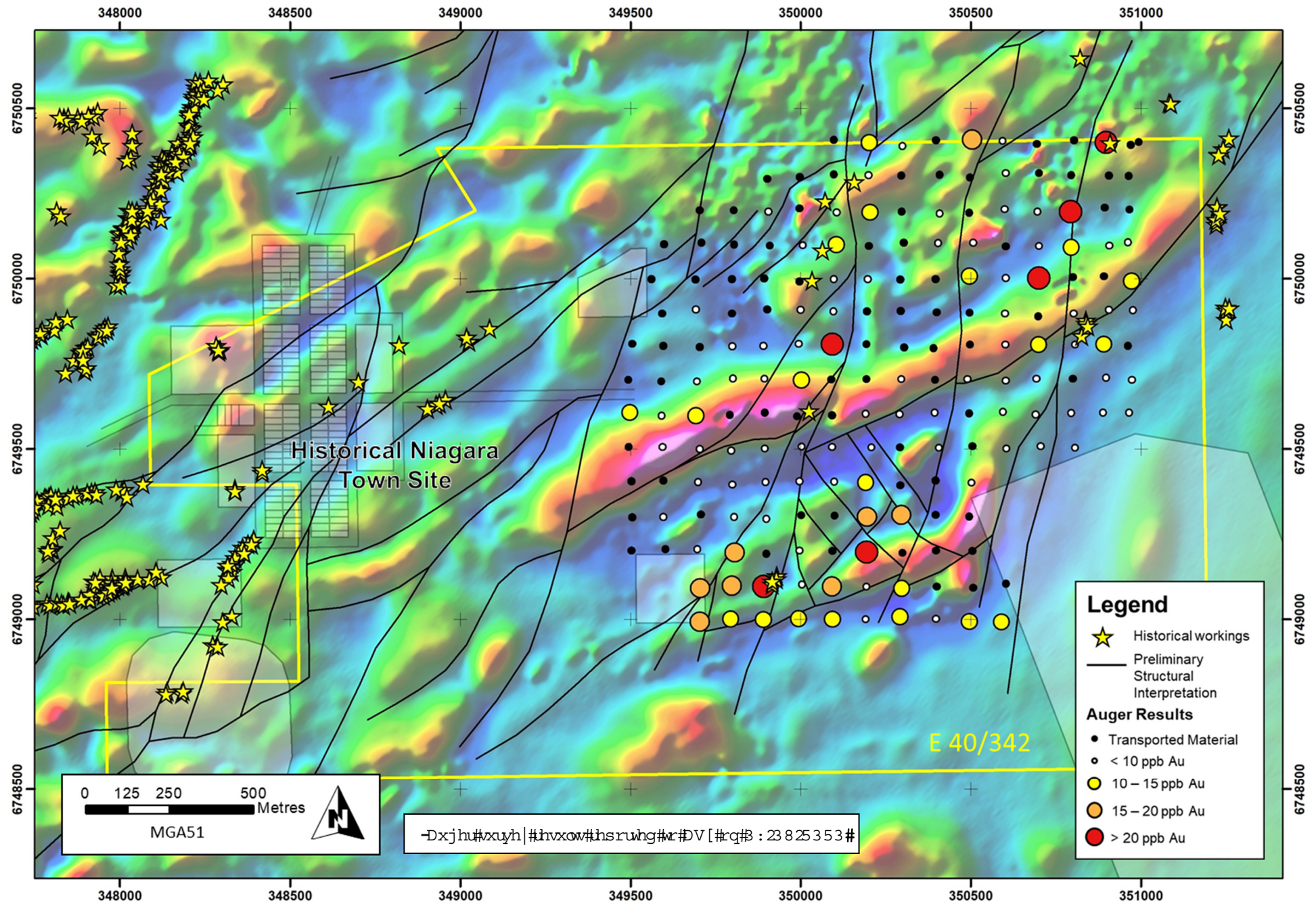
The next phase of field exploration at Niagara is set to commence on Monday, 17<sup>th</sup> of August, with ground truthing and a significantly expanded 1,000-hole soil sampling program using auger drilling. The geochemical results from this program will be integrated into the existing geochemical, geophysical and geological data sets to aid in targeting the circa 50-hole first phase Aircore drilling campaign now planned for September.

GTi then plans to conduct a second phase of drilling utilising targeted deeper RC drilling, during October, to test the most attractive zones of interpreted gold mineralisation. GTi has existing PoW approval in place to conduct 10,000 metres of drilling at the Niagara Project.

GTi Executive Director Bruce Lane commented:

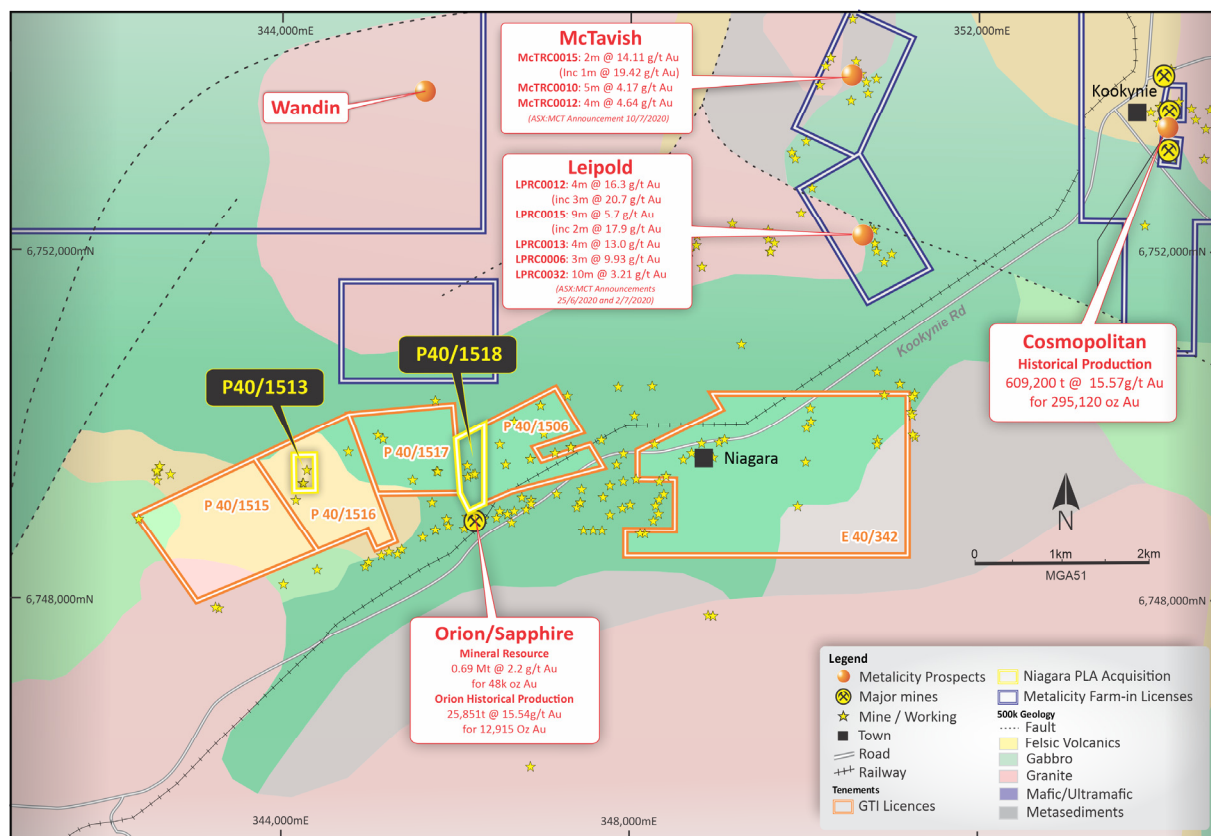
*"GTi made the decision to accelerate gold exploration activities at Niagara in response to our recent anomalous soil sampling results and in light of the spectacular drilling results achieved by our near neighbours, Metalicity. Niagara is an exciting exploration project which now covers over 8 kilometres of prospective strike length on the underexplored Niagara Trend, adjacent to historical high-grade gold mines. We are very encouraged by the results of July's aeromagnetic survey when it is combined with the geochemical results from our initial soil sampling program. These programs are guiding our structural modelling and interpretation and have provided us with some very interesting targets. The next stage of our field exploration activities starts next week with a significantly expanded soil sampling campaign to be followed up in September with first phase Aircore drilling of circa 50 holes. This field work will further refine our understanding of the mineralising system and will help us locate the most attractive prospective zones for October's planned second phase deeper RC drilling campaign."*

**Figure 1. Niagara (Kookynie) Project E40/342 - Preliminary interpreted structures are coincident with anomalous auger survey results\*.**  
**Base image is aeromagnetic (RTP-1VD) results; shaded areas denote localities associated with the historical Niagara township.**





**Figure 2. Niagara (Kookynie) Project – Licences & Mineral Occurrences on 1:500,000 Geology**



## Niagara (Kookynie) Gold Project Background

The Niagara project is located ~6km southwest of Kookynie in the central goldfields of WA. The project comprises one granted exploration licence, E40/342 and six contiguous prospecting licence applications including existing applications, P40/1506, P40/1515, P40/1516 and P40/1517 plus the recently acquired P40/1513 and P40/1518. Access to the project is provided via Goldfields Highway from the town of Menzies and the sealed Kookynie Road which bisects the northern part of exploration licence E40/342 and the southern part of P40/1506 (**Figure 2**).

The project is located within the central part of the Norseman-Wiluna greenstone belt and the geology of the area is characterised by large rafts of semi-continuous greenstone stratigraphy within the Mendleyarri monzogranite batholith. Numerous historical workings occur within and to the north of the project area, with a number of major historical mines located in the immediate vicinity of Kookynie, including the Cosmopolitan Mine which produced circa 360,000 ounces of gold at average grade of 15 g/t gold from 1895 to 1922.

The prospecting licence applications, P40/1506, P40/1513, P40/1515, P40/1516, P40/1517 and P40/1518 include a number of historical mining shafts and shallow workings which were mined during the late 1890s and early 1900s. A number of small-scale workings & historical shafts also occur within E40/342. Exploration by historical workers within E40/342 has been limited to broadly spaced soil sampling and limited reconnaissance drilling programs, with the majority, of the work undertaken in areas outside the current licence area. Exploration within P40/1506, P40/1513, P40/1515, P40/1516, P40/1517 and P40/1518, during the late 1980s and 1990s, comprised trenching, sampling & shallow 1st pass drilling focused on historical workings. The Niagara project remains mostly untested.

**-Ends-**

This ASX release is authorised for release by the Directors of GTI Resources Ltd. Bruce Lane, (Director), **GTI Resources Ltd**

## Competent Persons Statement

Information in this release that relates to Exploration Results on the Western Australian projects is based on information compiled by Mr Andrew Rust, who is a Member of the Australian Institute of Mining and Metallurgy (AusIMM). Mr Rust is a full-time employee of Shearwater Australia Proprietary Limited. Mr Rust is engaged by GTI Resources Limited as an independent consultant. Mr Rust has sufficient experience which 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 Rust consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.