

27 January 2021

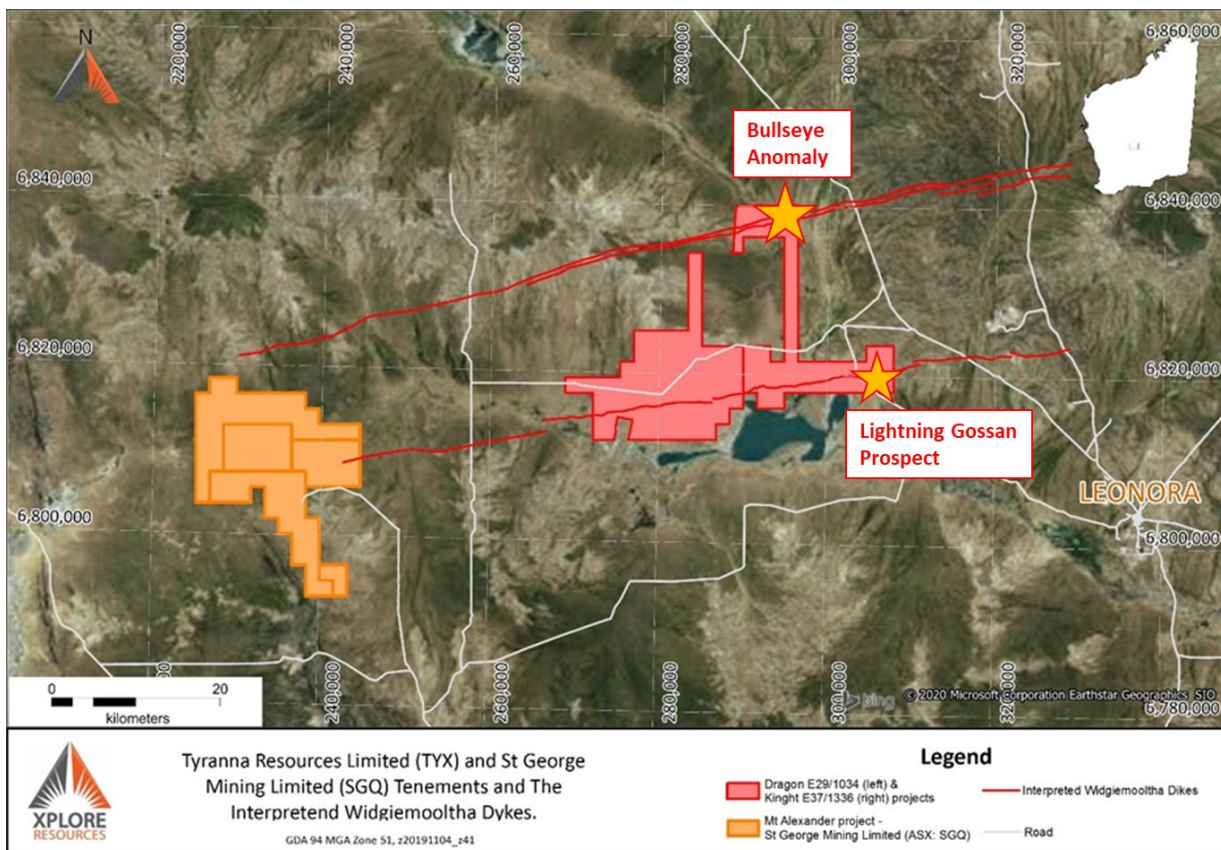
## Quarterly Activities Report 31 December 2020

Tyranna Resources Ltd (**Tyranna** or the **Company**) provides shareholders its quarterly report for the three-month period ending 31 December 2020.

### WA NICKEL PROJECTS

During the quarter ended 31 December 2020, the Company commenced exploration activities at the Dragon & Knight Project in Western Australia as announced 24 November 2020. A soil sampling campaign was undertaken at two priority target areas: Lightning Gossan Prospect and the recently identified Bullseye Anomaly (Figure 1).

**FIGURE 1: LIGHTNING GOSSAN PROSPECT & BULLSEYE ANOMALY WITHIN KNIGHT PROJECT**



Source: Xplore Resources

## TWO PRIORITY TARGETS WITHIN DRAGON & KNIGHT PROJECT

The two priority target areas within the project area are:

### Lightning Gossan Prospect

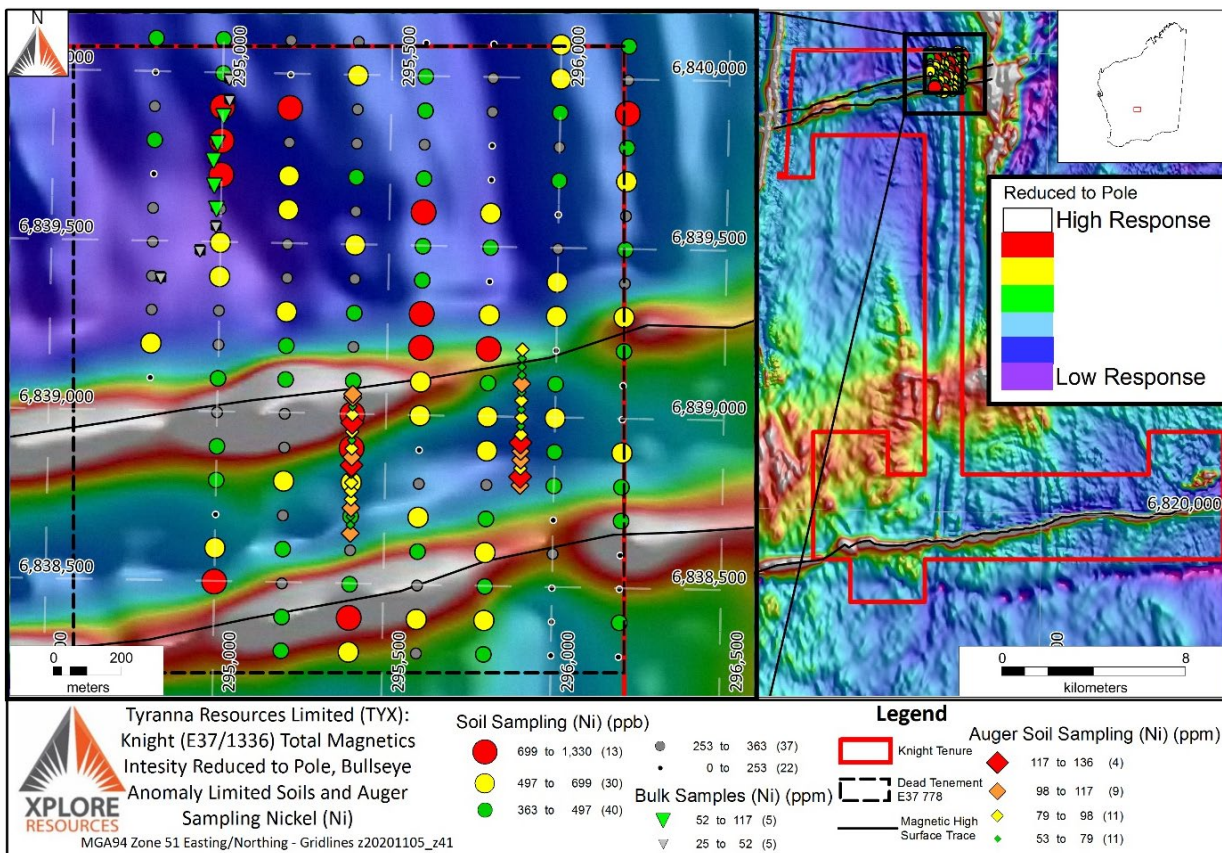
Tyranna identified several key positives features for the Lightning Gossan Prospect which clearly demonstrate the exploration upside apparent<sup>1</sup>, comprising:

- It is along strike from the Fish Hook<sup>2</sup> prospect within SGQ's ground and is interpreted to have similar mineralisation based on extensive historic surface sampling with assays up to **7,600ppm Ni, 5,700ppm Cu & 1,140ppm Zn<sup>3</sup>**;
- Five shallow historic drill holes by CRA Exploration intersected the structure producing assayed intercepts up to **4m @ 1,925ppm Ni from 16m including 2m @ 2,290ppm Ni<sup>3</sup>** with the potential to hit high-grade sulphide mineralisation similar to that found at SGQ's Mt Alexander project<sup>2</sup>; and
- Geophysics interpretation confirming there is a standout anomaly, which aligns with the surface sampling & drilling assay results<sup>4</sup>.

### Bullseye Anomaly

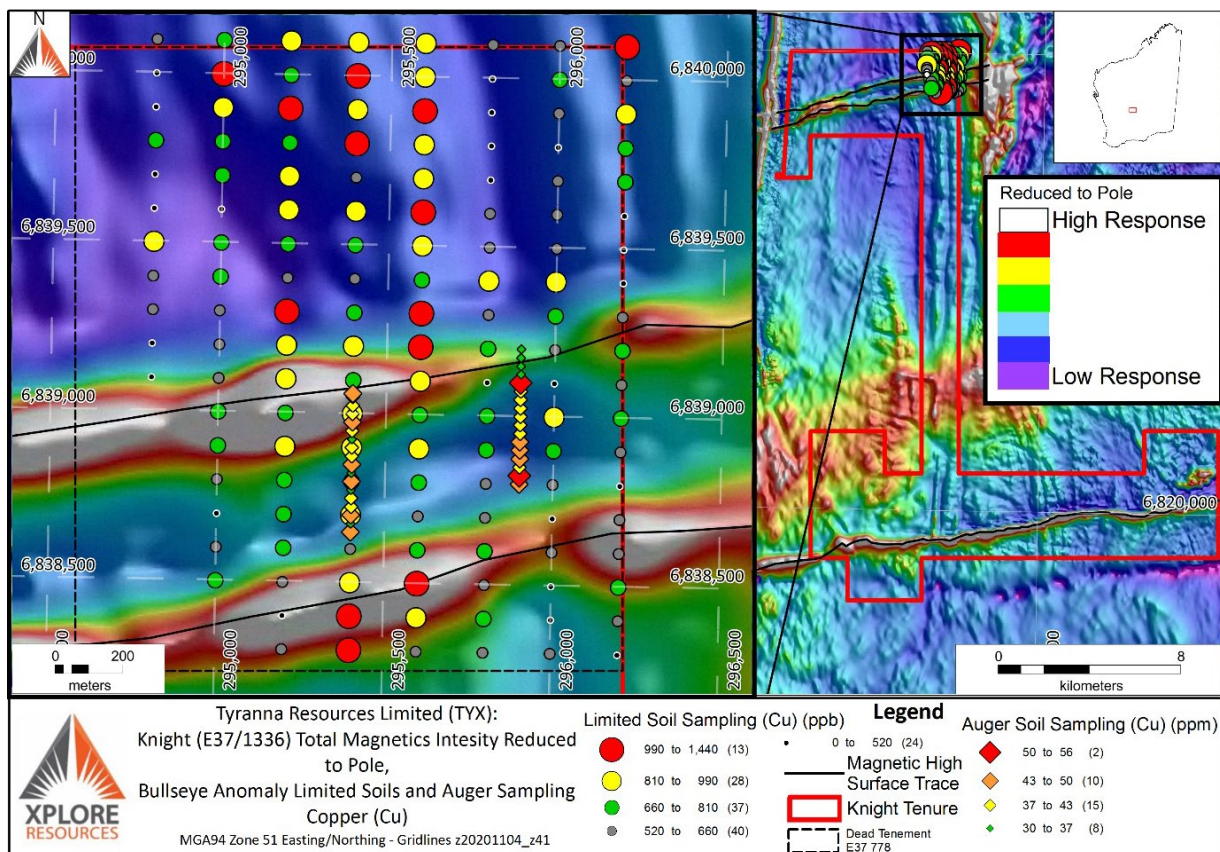
The Bullseye Anomaly was identified through review of several historic reports by Companies searching for gold. While the efforts to locate gold mineralisation were unsuccessful, assay results from a 2009 soil sampling campaign – focused on the Bullseye Anomaly – produced anomalous nickel-copper with grades up to 1,330ppb Ni and 1,440ppb Cu<sup>5</sup> (Figures 2 & 3).

**FIGURE 2: BULLSEYE ANOMALY – NICKEL SOIL SAMPLE ASSAYS**



Source: Xplore Resources

**FIGURE 3: BULLSEYE ANOMALY – COPPER SOIL SAMPLE ASSAYS**



Source: Xplore Resources

Further, previous work targeting a magnetic low and gravity high, failed to explain the source of these geophysical responses. Notably, the underlying geology at the Bullseye Anomaly is interpreted to be similar to that at Lightning Gossan and Fish Hook<sup>2</sup> (SGQ) prospects.

### Focused exploration program

As previous exploration at the Bullseye Anomaly and Lightning Gossan was relatively inconclusive, exploration activities will include a step-out soil sampling program at the Bullseye Anomaly together with a mapping and rock chip sampling program across the Northern Dyke to investigate the extent of nickel-copper anomalism in the area.

Additionally, an infill soil sampling program at the Lightning Gossan Prospect together with geological & structural mapping will aid developing targets for future exploration drilling.

### JUMBUCK GOLD PROJECT (JGP)

On 10 August 2020, the Directors agreed to the proposed sale of all of Tyranna’s right, title and interest in Half Moon Pty Ltd (**HMP**), the owner of the majority and controlling joint venture interest in the Western Gawler Craton Joint Venture (**WGCV**) and all tenements located around the WGCV owned 100% by HMP and Trafford Resources Pty Ltd (**Trafford**), collectively referred to as the “Jumbuck Gold Project” (**Transaction**). HMP and Trafford are wholly owned subsidiaries of Tyranna, to Syngas Limited for a revised consideration of \$2.25 million.

On 26 November 2020, Tyranna held its annual general meeting of shareholders to approve the Transaction. Shareholder approval was not obtained.

On 30 November 2020, Tyranna executed a share and asset sale agreement (**SASA**) with Marmota Limited (ASX:MEU) (**Marmota**) for the proposed sale the “Jumbuck Gold Project” (**Marmota Transaction**).

## **Key terms of the SASA**

Details of the key terms of the Transaction are set out below and further details are contained in an announcement by Marmota on 30 November 2020:

**Consideration:** Marmota will pay Tyranna \$3,000,000 for the Jumbuck Gold Project, comprised of:

- (a) \$100,000 in cash within two business days of the parties entering into the SASA (received 3;
- (b) \$2,400,000 in cash payable on completion of the sale and purchase of the Jumbuck Gold Project (**Completion**); and
- (c) \$500,000 worth of new fully paid ordinary shares in Marmota, calculated at the volume weighted average price of Marmota's shares over the six months prior to the announcement of the Transaction, to be issued to Tyranna at Completion.

Subject to certain conditions precedent being satisfied, Tyranna expects settlement to occur in Q2 2021.

## **EUREKA GOLD PROJECT (EGP)**

On 1 October 2020, Tyranna advised, further to its announcement on 17 August 2020, it had completed sale of the Eureka Gold Project tenements owned 100% by Tyranna and its wholly owned subsidiary Coastal Shipping Logistics Pty Ltd to Warriedar Mining Pty Ltd (**Warriedar**) following receipt of the \$100,000 option fee, \$900,000 cash consideration and Ministerial Approval.

The Company notes it can receive a further payment of \$500,000 cash if, on or before the 5th anniversary of the Completion Date, Warriedar produces from within the Eureka Gold Project tenements recovered gold of not less than 20,000 ounces.

## **OTHER PROJECTS**

### **Weebo Gold Project**

The Weebo Gold Project is located 70km north of Leonora in the Eastern Goldfields of Western Australia and was acquired by the Company in 2017. The Project comprises approximately 69 km<sup>2</sup> of ground east of the Jaguar base metal mine. The Company continues to review the project to assess options moving forward.

### **Pacific Express Ni Project**

Tyranna acquired the Pacific Express nickel project in late 2019. The project, located in northern NSW comprises a single licence (EL8733) for ~ 108 km. The area is prospective for lateritic Ni-Co mineralisation. Historical exploration has defined several target areas which require further investigation.

## **CORPORATE**

### **Financial Snapshot**

The Company's net cashflow used in operations for the quarter was \$307k. The operational expenses mainly comprised of Exploration and Evaluation expenditure (\$166k) and Administration and corporate costs (\$158k).

The Company's cash position at the of the quarter is \$904k.

#### Listing Rule 5.4.5

In item 6 of the attached Appendix 5B, payments to related parties of approximately \$48k comprising of Director Services (\$20) and Non-Director Services – corporate consultancy services (\$18k), bookkeeping (\$7k) and serviced office (\$3k) were paid during the quarter.

**Authorised by the Board of Tyranna Resources Ltd**

**Joe Graziano  
Director**

#### **References**

- 1) TYX ASX Release – 16 July 2020
- 2) SGQ ASX Releases – 22 May 2020
- 3) TYX ASX Release – 26 November 2019 and WAMEX Report A6293 CRA Exploration (1975)
- 4) TYX ASX Release – 10 June 2020
- 5) Bullseye Anomaly Limited. (2009, July). Annual Technical Report on The Schmidt Pools Exploration License E37/778. Retrieved from Geoview WA WAMEX:  
<https://geoview.dmp.wa.gov.au/GeoViews/>

## Appendix 1: Mining Tenements as at 31 December 2020

South Australia Tenement Schedule				
Exploration License No	Tenement Name	Registered Holder	Interest at Beginning of Qtr	Interest at End of Qtr
6002	Irra Outstation (Jumbuck)	Trafford Resources Pty Ltd	100%	100%
6003	Garford Outstation West	Trafford Resources Pty Ltd	100%	100%
6004	Garford Outstation East	Trafford Resources Pty Ltd	100%	100%
6097	Wildingi Claypen	Trafford Resources Pty Ltd	100%	100%
6171	Indooroopilly	Trafford Resources Pty Ltd	100%	100%
6214	Hilga Crutching Shed	Trafford Resources Pty Ltd	100%	100%
6215	Mt Christie	Trafford Resources Pty Ltd	100%	100%
6216	Commonwealth Hill	Trafford Resources Pty Ltd	100%	100%
6398 (Was EL 5460)	Mt Christie Siding	Trafford Resources Pty Ltd	100%	100%
6519 (Was EL 5680)	Isthmus	Half Moon Pty. Ltd.	100%	100%
6457 (Was EL 5510)	Mathews Tank	Trafford Resources Pty Ltd	100%	100%
6501 (Was EL 5551)	Brickies - Wynbring	Trafford Resources Pty Ltd	100%	100%
6456 (Was EL 5526)	Galaxy Tank	Trafford Resources Pty Ltd	100%	100%
6005	Eagle Hawk	Trafford Resources Pty Ltd	100%	100%
6098	Deep Leads	Trafford Resources Pty Ltd	100%	100%
5817	Sandstone	Half Moon Pty. Ltd.	100%	100%
5818	Lake Anthony	Half Moon Pty. Ltd.	100%	100%
5819	Irra	Half Moon Pty. Ltd.	100%	100%
5820	Barton Area	Half Moon Pty. Ltd.	100%	100%

**South Australia Tenement Schedule**

<b>Exploration License No</b>	<b>Tenement Name</b>	<b>Registered Holder</b>	<b>Interest at Beginning of Qtr</b>	<b>Interest at End of Qtr</b>
ELA2012/291	Barton Siding	Trafford Resources Pty Ltd	100%	100%
5772	Warrior Outstation	Half Moon Pty. Ltd.	100%	100%
5998	Campfire Bore	Challenger 2 Pty Ltd (90%); Coombedown Resources Pty Ltd (10%)	70% rights to the gold	70% rights to the gold
6173	Mulgathing	Challenger 2 Pty Ltd (100%)	78% rights to the gold	78% rights to the gold
5732	Sandstone JV	Challenger 2 Pty Ltd (90%); Coombedown Resources Pty Ltd (10%)	70% rights to the gold	70% rights to the gold
5661	Jumbuck	Challenger 2 Pty Ltd (100%)	78% rights to the gold	78% rights to the gold
6532 (Was EL 5720)	Mobella	Challenger 2 Pty Ltd (100%)	78% rights to the gold	78% rights to the gold
5767	Sandstone	Challenger 2 Pty Ltd (100%)	78% rights to the gold	78% rights to the gold
6012	Blowout	Challenger 2 Pty Ltd (100%)	78% rights to the gold	78% rights to the gold

<b>Western Australia Tenement Schedule</b>				
<b>Exploration License No</b>	<b>Tenement Name</b>	<b>Registered Holder</b>	<b>Interest at Beginning of Qtr</b>	<b>Interest at End of Qtr</b>
E36/880	Weebo	Tyranna Resources Ltd	100%	100%
E37/1275	Weebo	Tyranna Resources Ltd	100%	100%
E37/1328	Weebo	Tyranna Resources Ltd	100%	100%
E37/1353A	Weebo	Tyranna Resources Ltd	100%	100%
E37/1342A	Weebo	Tyranna Resources Ltd	100%	100%
P36/1881**	Weebo	Tyranna Resources Ltd	0%	0%
P36/1882**	Weebo	Tyranna Resources Ltd	0%	0%
M24/189	Eureka	Central Iron Ore Ltd	100%	0%
M24/584	Eureka	Central Iron Ore Ltd	100%	0%
M24/585	Eureka	Central Iron Ore Ltd	100%	0%
M24/586	Eureka	Central Iron Ore Ltd	100%	0%
E37/1366	Knight	Clean Power Resources Pty Ltd	100%	100%
E29/1034	Dragon	Clean Power Resources Pty Ltd	100%	100%

**\*\* Application waiting for grant**

<b>New South Wales Tenement Schedule</b>				
<b>Exploration License No</b>	<b>Tenement Name</b>	<b>Registered Holder</b>	<b>Interest at Beginning of Qtr</b>	<b>Interest at End of Qtr</b>
EL8733	Pacific Express	Clean Power Resources Pty Ltd	100%	100%