KING RIVER RESOURCES LIMITED

QUARTERLY ACTIVITIES REPORT 30 SEPTEMBER 2020

Australian Securities Exchange Announcement 26 October 2020

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HIGHLIGHTS

- Further PFS testwork and studies undertaken, including refinement and optimisation of the KRR HPA process and updating the Mining and Marketing studies.
- ❖ Drilling at the Tennant Creek Gold-Copper Project commenced during the September quarter, initially at the Lone Star Trend and Commitment IOCG targets.
- ❖ A Placement and Security Purchase Plan raised $9,861,240 with current cash position of $8,535,975. These funds are being applied to the ongoing HPA development testwork and studies in order to complete a Prefeasibility Study, for further exploration on the Mt Remarkable and Tennant Creek gold project areas, and for working capital.

During the September quarter 2020 King River Resources Ltd (ASX:KRR) reported on metallurgical testwork results and progress in compiling the Speewah Prefeasibility Study ("PFS") on the company's 100% owned Speewah Specialty Metals ("SSM") Project in the East Kimberley of Western Australia. KRR plans to initially scale the SSM project to produce High Purity Alumina (HPA), with Vanadium (V_2O_5), Titanium (TiO_2) and Iron (Fe oxide) as potential co-products at a later stage, but not included as part of the PFS. This should significantly reduce the size of the project, with the potential to reduce the capex and maximise returns.

PFS Update

During the quarter, KRR provided a further update on metallurgical testwork and studies underway to complete the PFS, including:

- ○ KRRs HPA process has been simplified by removing the second stage Ion Exchange circuit. The purification circuit to produce the high purity HPA precursor now involves only a Crystallisation stage. This development has increased the overall recovery and reduced the tonnes processed, so changes to both the engineering design and mining study are underway.
- ○ Calcination of the high purity HPA precursor (at 1200°C) is the current focus of testwork to ensure no contamination is introduced and 4N (99.99% Al2O3) HPA can be produced.
- ○ A phase test using XRD analysis has shown the alumina is converted to the stable alpha crystal form suitable for LED and battery separator applications.
- ○ Larger calcined sample sizes are now being generated for more comprehensive testwork and analysis, including independent umpire assays for HPA purity verification and tracking contamination sources.
- ○ CRU International is updating the market study to a 2028 dateline.

The Company aims to release the PFS as soon as practicable on completion of these remaining outcomes.

In parallel to completing the PFS outlined above, metallurgical testwork has demonstrated that the KRR process can make high purity HPA precursor from alternative aluminium feedstocks. This means the start up HPA development may be initially in a Perth industrial estate, without the immediate capital and permitting requirements for an acid plant and mining and processing operation in the Kimberley.

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Exploration Update

The gold exploration programme for 2020 commenced in August after delays caused by the Covid 19 pandemic restrictions. Exploration commenced at Tennant Creek (Northern Territory), where KRR has tenements in strategic positions targeting high grade Iron Oxide Copper Gold deposits. In addition, planning and site works commenced at Mount Remarkable (Western Australia), to follow up previous high grade gold intersections and new regional targets.

Mt Remarkable

KRR plans to complete a 2,500m RC drill programme at the main Mount Remarkable project, where multiple high-grade gold results have been returned including best results of:

- 4m @ 113.29g/t Au including 1m @ 346g/t Au in KMRC78 (refer KRR ASX 4 June 2018)
- 6m @ 60g/t Au including 2.8m @ 108g/t Au in KMDD01(refer KRR ASX 10 September 2018)
- 4m @ 39.78g/t Au including 1m @ 82.7g/t Au in KMRC75 (refer KRR ASX 20 June 2018)
- 4m @ 36.77g/t Au from 7m including 1m @ 70.9g/t Au in KMRC127 (refer KRR ASX 7 August 2018)
- 3m @ 34.8g/t Au including 1m @ 50.5g/t Au in KMRC0077 (refer KRR ASX 4 June 2018)

Reconnaissance exploration is also planned for KRR's extensive (2,300 km^2) regional tenement holding (Figure 1, Table 1).).

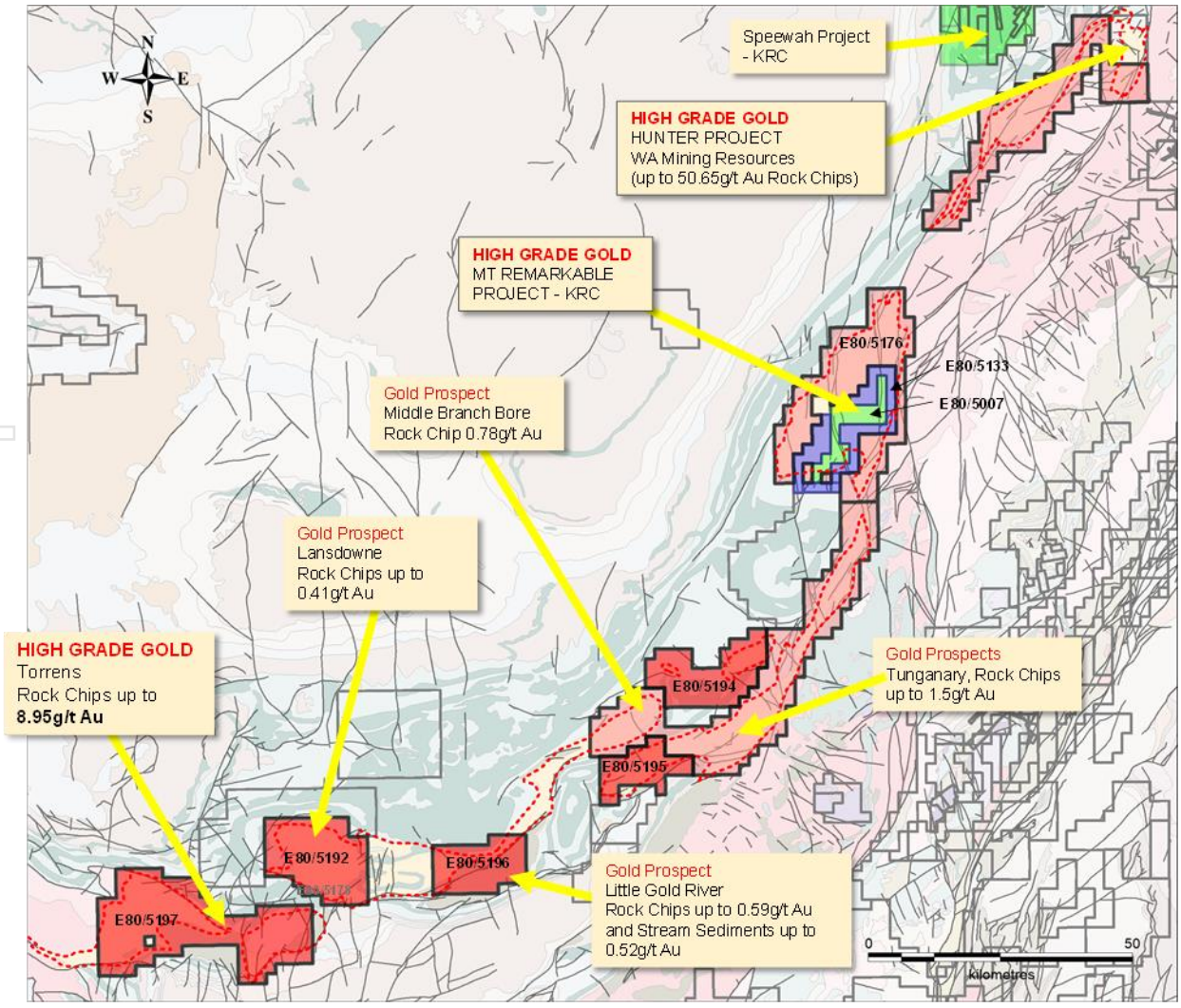

Figure 1: Map showing location of KRR exploration holdings at Mt Remarkable and relevant gold prospects.

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Mt Remarkable Main Zone

The 2,500m RC drill programme is planned to target epithermal quartz-adularia veins for high grade gold mineralization. Targets include the Trudi Vein following up a new mineralised zones to the east (KRR ASX 10 January 2020) – Figure 2. Other drill targets include the Jeniffer North Vein the intersection of the Catherine Vein and Grahame Vein under interpreted cover units (Figure 3).

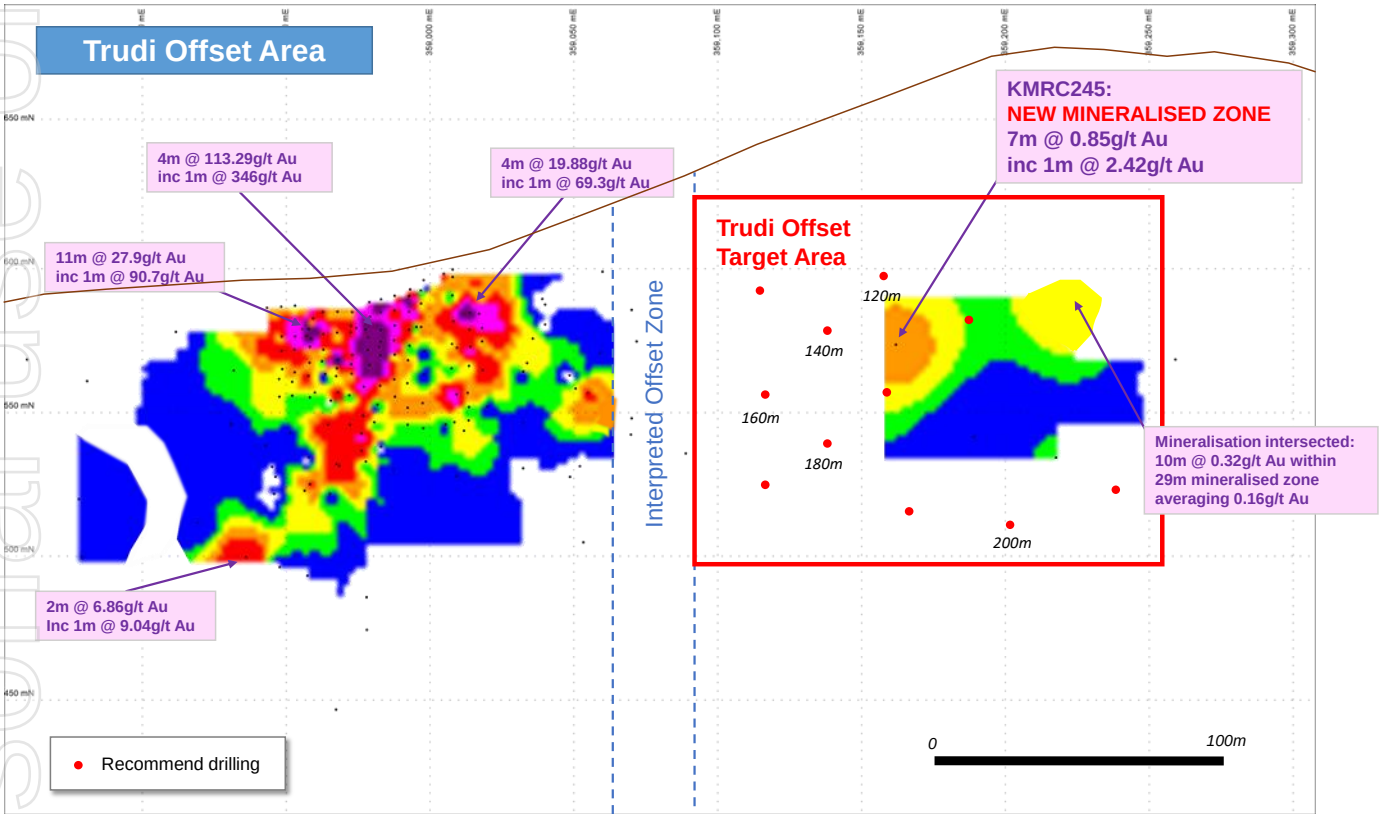

Figure 2: Long projection, looking north, showing the new mineralised zone intersected 150m east of Trudi Main and the multiple very high-grade gold zones within the Trudi Main Grid Area.

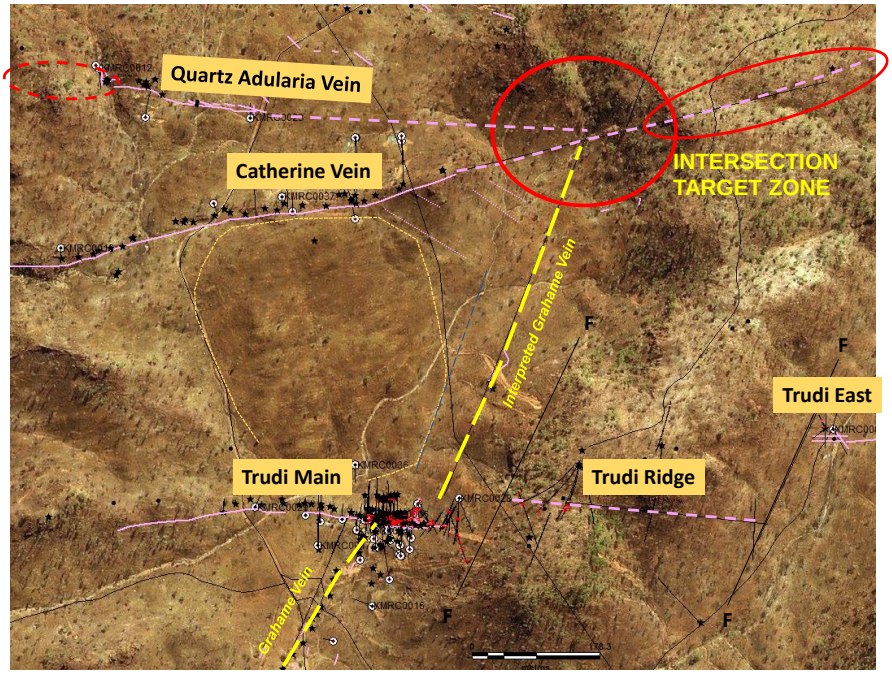

Figure 3: Mt Remarkable Main Zone, New High Grade gold target where the Catherine Vein intersects with the Grahame vein under interpreted cover units – very similar lithostructural setting to the Trudi deposit.

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Mt Remarkable - Regional

Reconnaissance exploration is planned along the prospective Whitewater Volcanic rocks that host the high grade gold mineralisation at Mt Remarkable. This horizon extends for 200km along a NE-SW strike south of the Speewah Dome (Figure 1), and includes the Hunter Project (held by WA Mining Resources, where historic high-grade gold values of up to 50.65g/t Au have been returned from epithermal quartz veins), through KRR's Mt Remarkable Project and continues to the south west hosting the Tunganary and Middle Branch Bore gold prospects within anticlinal fold structures. This prospective trend has been under explored providing excellent opportunity for additional high-grade gold discoveries.

Proposed exploration at Mt Remarkable regional s summarized below:

- Reconnaissance of the Hunter East high grade gold area.
- Reconnaissance of the southern tenement gold prospects including: Tunganary, Middle Branch Bore Lansdowne and Little Gold River.

Tennant Creek

KRR commenced exploration in August at its Treasure Creek Project in the Tennant Creek Region around the Tennant Creek, Rover and Kurundi Gold fields. The project comprises 16 tenements (including 2 applications) covering 7,900km^2, covering 4 main project areas: Tennant Creek East, Tennant East/Barkley, Rover East and Kurundi (Figure 4, Table 1).

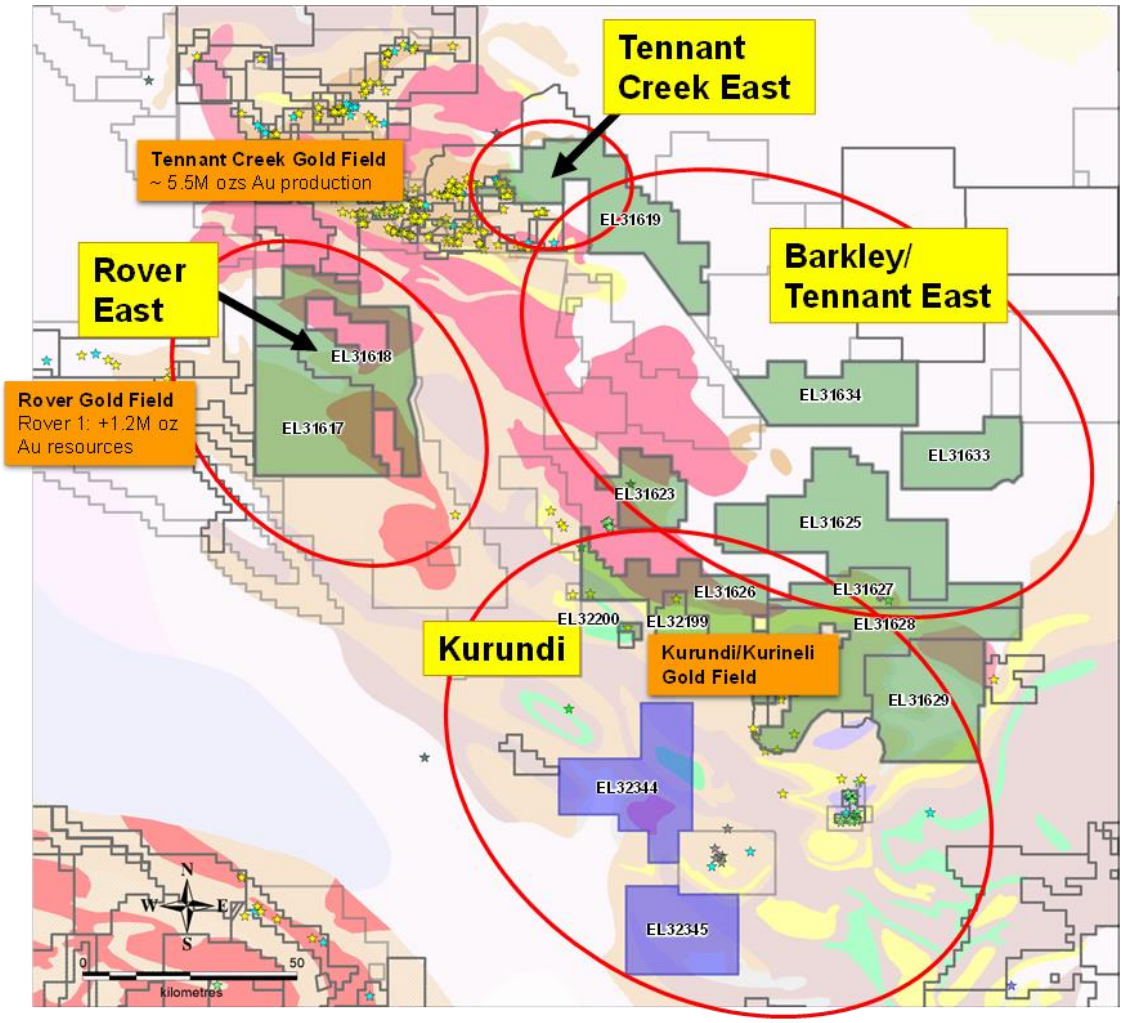

Figure 4: KRR's Tennant Creek Tenements. Green polygons KRR granted and Blue polygons KRR applications.

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The Tennant Creek and Rover gold fields are host to high-grade Iron Oxide Copper Gold deposits with over 5.5M ozs Au mined from Tennant Creek and a resource of 1.2M oz Au estimated in 2010 at Rover 1 (Westgold Resources 23/2/10 ASX release). The Treasure Creek holdings cover areas along strike of both the Tennant Creek and Rover Gold Fields areas of similar stratigraphic and structural settings. Past exploration in these areas has been brief, sporadic and disjointed, with many areas under shallow Cambrian cover preventing discovery by historic explorers. KRRs exploration is targeting iron oxide copper gold style mineralization (IOCG) characterized by gold and copper mineralization associated with ironstone bodies, likely of the Tennant Creek Style. These ironstone bodies have varying degrees of hematite and magnetite often forming discrete geophysical targets and are stereotyped by the bonanza gold intersections seen at Tennant Creek. The Company believes that, with the application of systematic exploration and new/advanced geophysical techniques, significant gold discovery could be made.

KRR commenced a 2,000m RC drill programme in August 2020, testing for high-grade gold mineralization at its Tennant Creek project, targeting magnetic and gravity anomalies identified in 2019 (see KRR ASX announcements 10/1/20 and 16/7/20). KRR will also commence reconnaissance exploration and geophysical surveys (ground and airborne) to progress other priority targets for drilling.

Proposed exploration at Tennant Creek is summarized below:

- RC drill programme at Lone Star Trend, Commitment and BIF Hill.
- Reconnaissance exploration of Tennant Creek East.
- Ground magnetic surveys at Tennant Creek East best air magnetics and reconnaissance anomalies.
- Airborne magnetics and ground geophysical surveys at Tennant East/Barkley -EL31633 and EL31634.
- Reconnaissance exploration at Kurundi.

Tennant Creek East (EL31619)

Drilling at the Lone Star area will target 3 main coincident gravity and magnetic trends (Figure 5). The strength of the magnetic and gravity anomalism of these targets is comparable to other known IOCG deposits in the area. Of note Emmerson Resources Mauretania deposit is only 700m from the western boundary of KRR's tenement where 20m @ 38.5g/t Au was returned in a diamond drill hole last year (Emmerson Resources ASX announcement 4/7/19). This and other nearby deposits follow NW-SE and EW trends that can be seen in the geophysical results.

Drilling will then move to the Commitment Prospect where a large coincident magnetic and gravity anomaly follows a NW/SE trend (Figure 6). Drilling will target the main magnetic body as well as a strong gravity anomaly slightly offset from the main magnetic body possibly representing a hematite rich zone.

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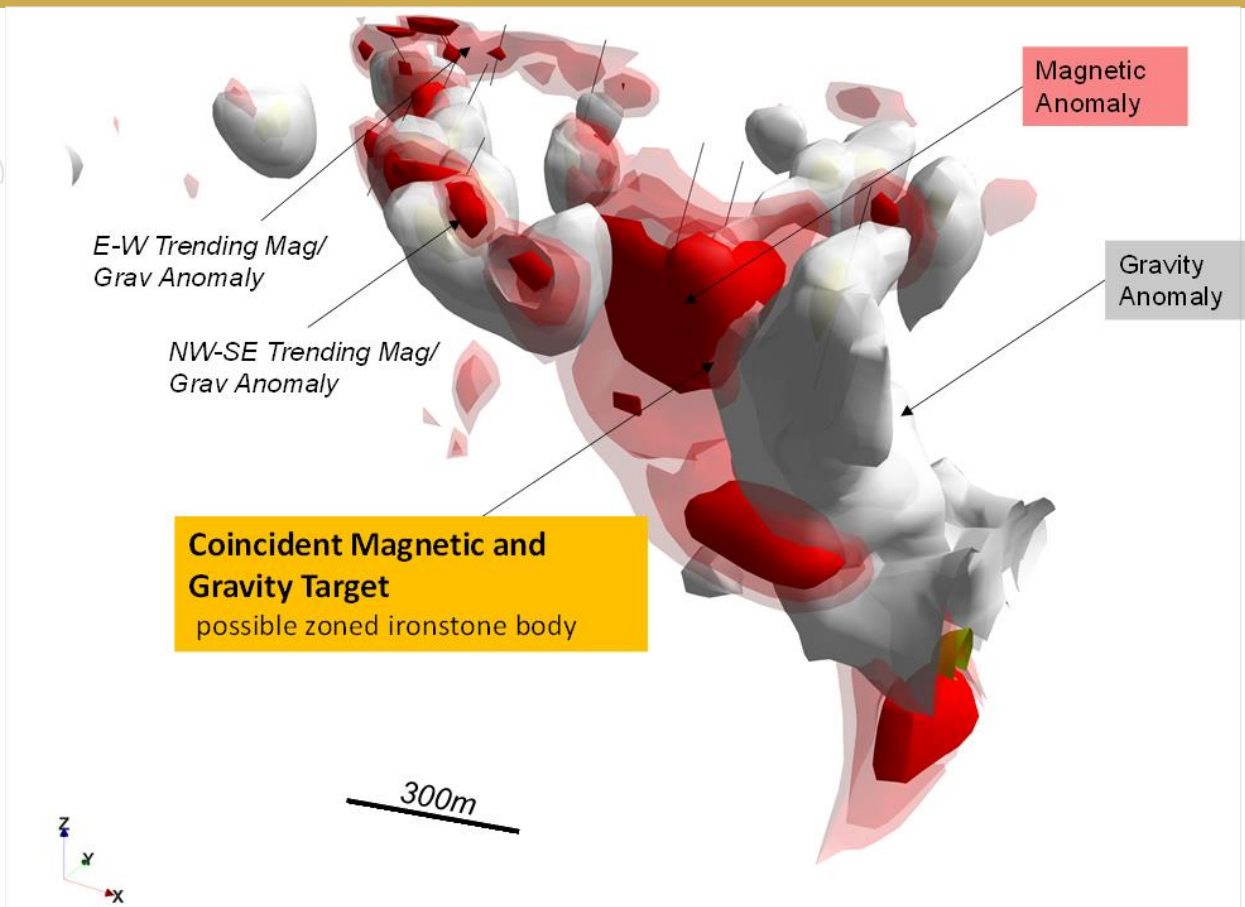

Figure 5: Lone Star Area – 3D view showing magnetic (red) and gravity (grey) isosurfaces of 2019 ground magnetic and gravity survey models. Drilling will target 3 trends of coincident magnetic and gravity anomalies.

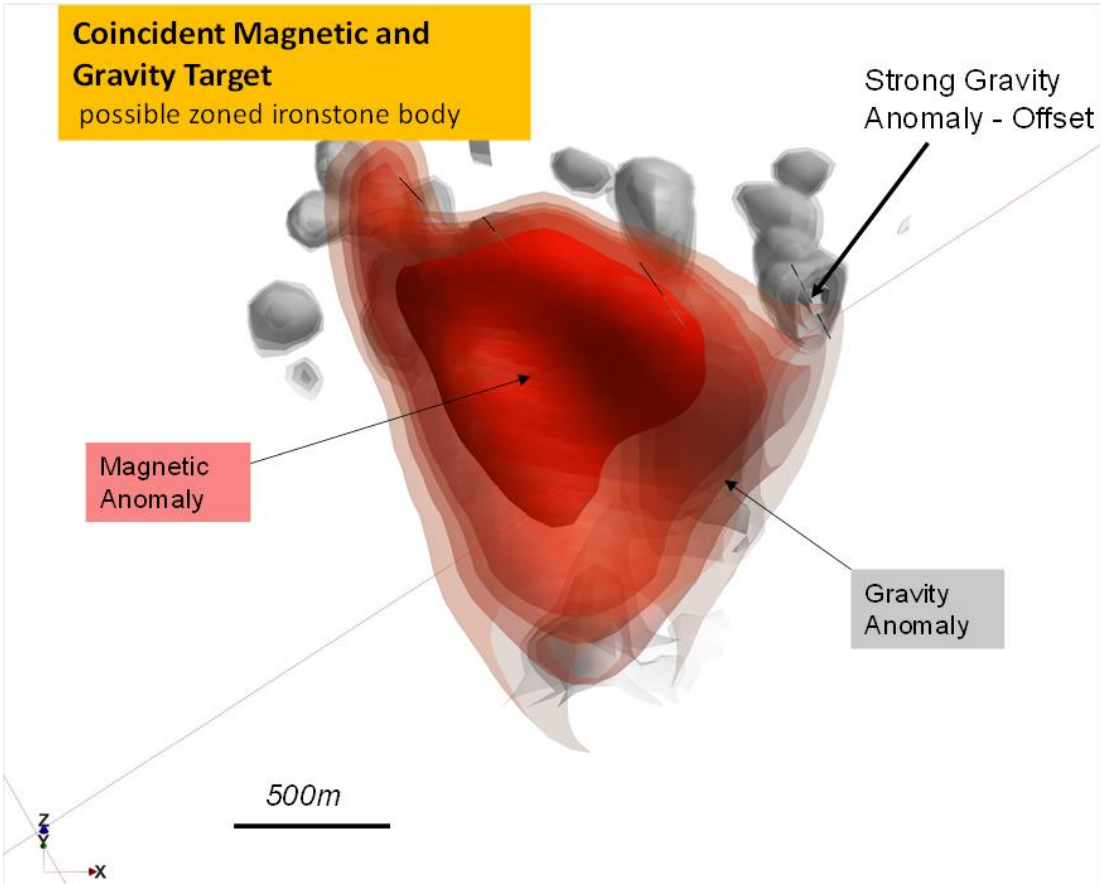

Figure 6: Commitment Prospect – 3D view showing magnetic (red) and gravity (grey) isosurfaces of airborne magnetic and 2019 gravity survey models. Drilling will target coincident magnetic and gravity anomalies.

Tennant East/Barkley (EL31633 and EL31634)

In the Tennant East/Barkley area KRR has been awarded a grant for funding under Round 13 of the Geophysics and Drilling collaborations program administered by the Northern Territory Geological Survey (NTGS). The co-funded programme (50% of survey costs) includes a ground geophysical and a detailed airborne magnetics survey over EL31633 and a ground geophysical survey over EL31634 to test and define significant magnetic anomalies and depth of cover in a previously unexplored area.

The Tennant East Barkley province is situated over a basement ridge that runs approximately 350km from Tennant Creek to Mt Isa and has recently been identified as highly prospective for IOCG mineralization by Geoscience Australia (GA) and the NTGS. The province is covered by relatively shallow Cambrian cover that has discouraged historical explorers. The identification of this province attracted the recent interest of large companies such as Rio Tinto and Newcrest. KRR was an early mover in this area and pegged a number of Tenements in 2017/18 identifying areas likely to be Warramunga Formation equivalent rocks under shallow Cambrian Cover.

The detailed airborne magnetic survey will cover a 25km strike length magnetic anomaly that is likely to be Warramunga Formation equivalent rocks (host rocks to Tennant Creek Mineral field) under shallow Cambrian cover (Figure 7). The survey will define the existing targets and identify new targets allowing prioritization for subsequent drill programmes.

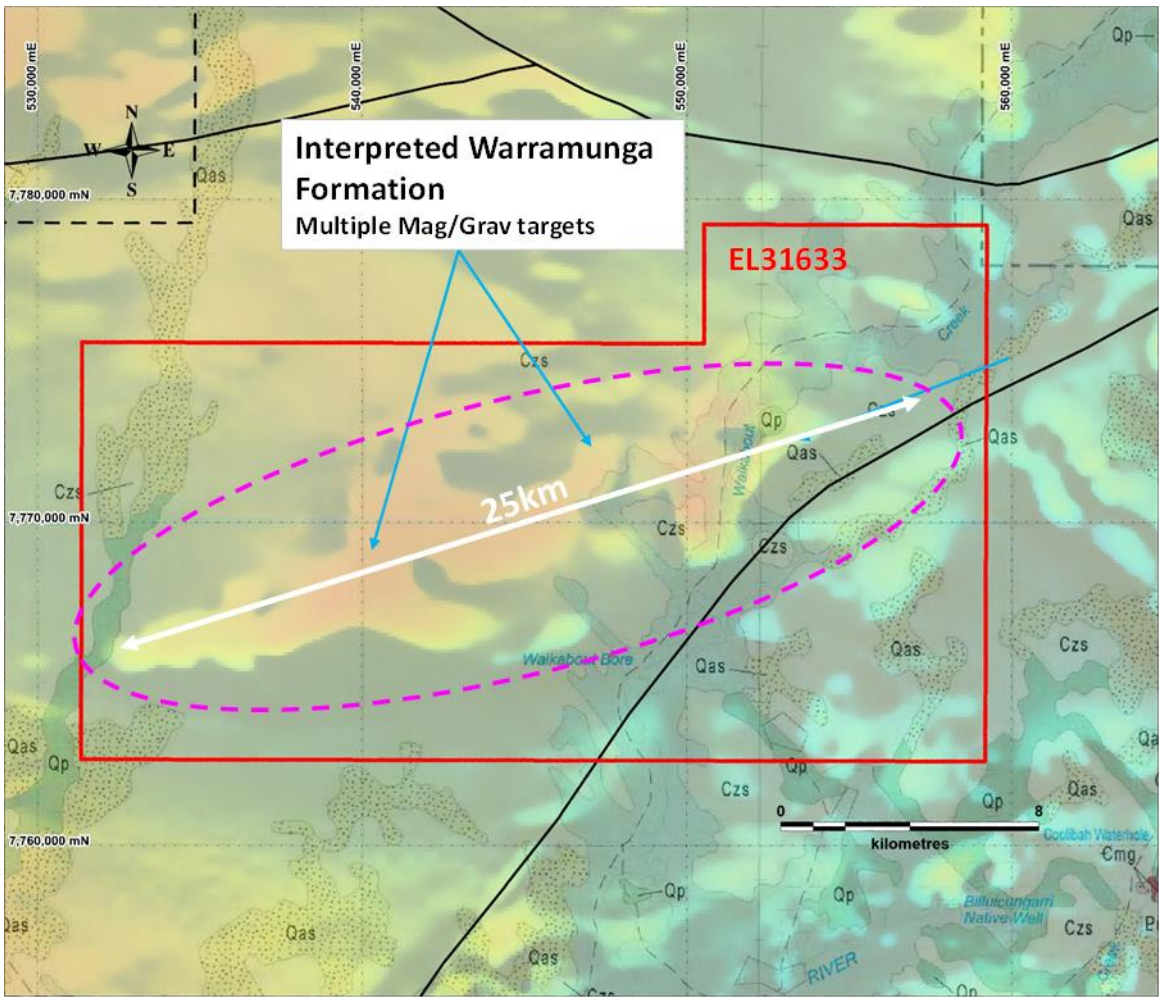

Figure 7: EL31633 (Tennant East - Epenarra Project), Airborne magnetics over 1:350K geology. Shows 25km long lensoidal magnetic anomaly likely to be Warramunga Equivalent rock units under shallow Cambrian cover.

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Kurundi (EL31626-31629, EL32199, EL32200, ELA32344 and ELA32345)

Initial reconnaissance exploration is also planned for KRR's Kurundi Project (Figure 8) where KRR has 4 exploration licences (2 granted) over part of the Kurundi Anticline and covers the Kurundi historic gold mine (historic underground and open pit mining where previous exploration rock chip sampling returned gold results over 5g/t Au and copper values up to 9.7% Cu) and the Whistle Duck prospect where previous exploration reported gold results up to 13g/t Au and copper values up to 5% Cu in rock chip sampling.

Reconnaissance exploration at these prospects will commence concurrently with the other KRR 2020 programmes planned in the Tennant Creek region.

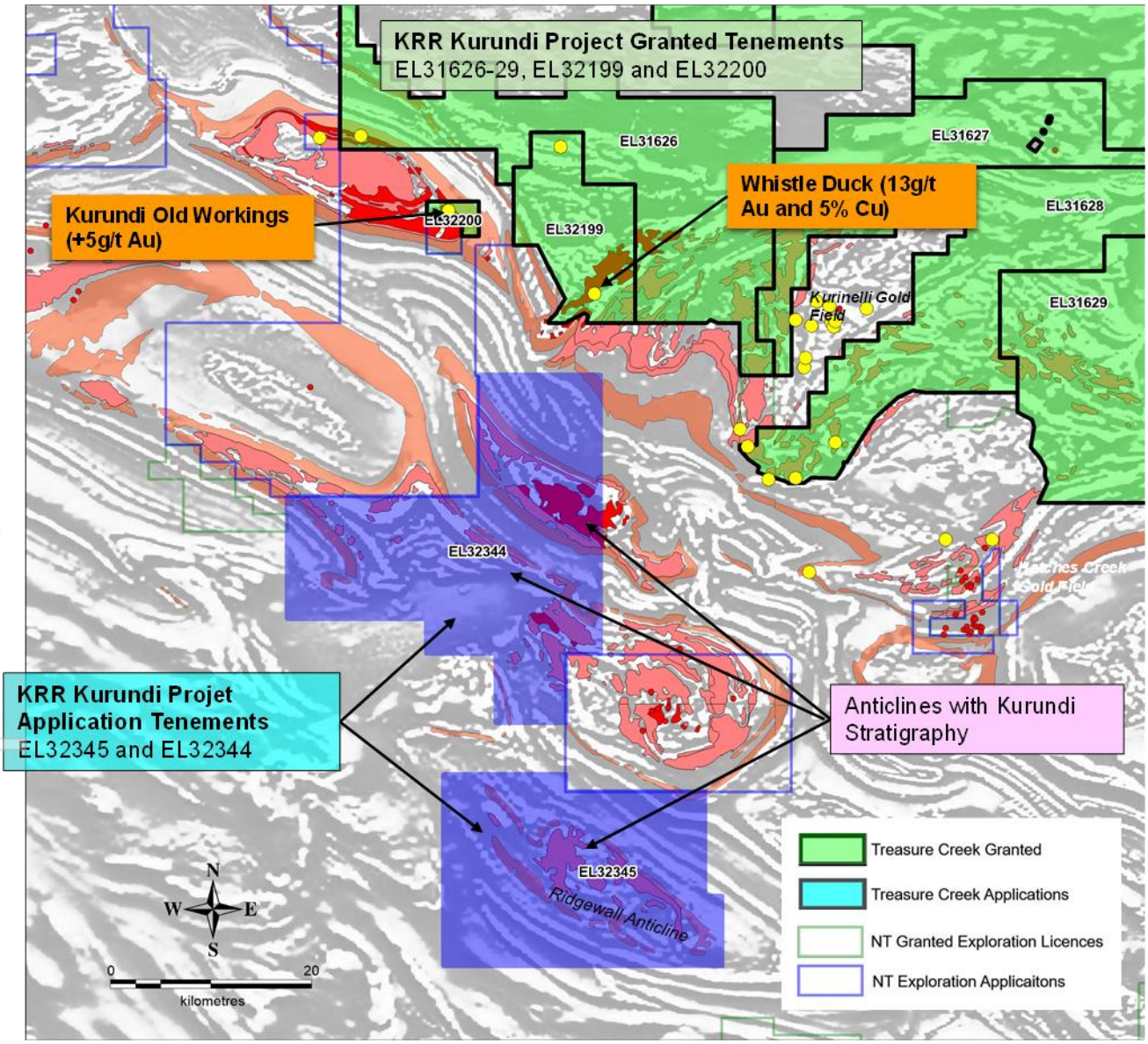

Figure 8: Kurundi Project Tenements – covers highly prospective ground for high grade gold mineralisation and includes the Kurundi historic mine and the Whistle Duck prospect where 13g/t Au rock chip results were returned.

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Other Tennant Creek Exploration Plans

In addition to the current drill programme, exploration planned for 2020 will also include reconnaissance of the Tennant Creek East area which is immediately adjacent to the Metallic Hill, Blue Moon, Lady May, and Gigantic historic IOCG gold mines (all between 200-800m of the tenement boundary). The best of the known magnetic anomalies and reconnaissance discoveries in this area will be tested with ground magnetics/gravity surveys this year.

Corporate

The Company's cash position as at 30 September 2020 was $8,535,975.

During the quarter ended 30 September 2020 the Company raised $9,861,240 from issue of shares and options.

On 27 July 2020 the Company completed a Placement from professional and sophisticated investors and raised $2,000,000 from the issue of 66,666,669 shares and 33,333,335 options. The issue price for each share under the Placement was $0.03 plus 1 free attaching option for every 2 shares issued. The options have an exercise price of $0.06 and an expiry of 31 July 2022.

On 19 August 2020 the Company completed a Security Purchase Plan ("SPP") and raised $7,861,240 from the issue of 238,219,725 shares and 152,443,342 options. The issue price for each share under this SPP was $0.033 plus 1 free attaching option for every 2 shares issued. Each option has an exercise price of $0.06 and expiry date of 31 July 2022.

Harvey Springs Estate Pty Ltd, a company controlled by Mr Anthony Barton, had entered into a loan facility agreement in the amount of $500,000 with King River to fund ongoing development and working capital. The loan facility was non-interest bearing and unsecured with the maturity date being 30 June 2021. The loan facility was drawn down in full before 30 June 2020 to fund prefeasibility expenditure and working capital, the loan facility was repaid on 18 August 2020.

With regards to the item 6.1 of the Appendix 5B in the amount of $80,555, the Company provides the following information:

- Office representation expenses of $1,350 are costs paid to an associate entity of Directors.
- The current director fees paid of $33,945.
- The deferred payments of director fees for the period from March 2020 to June 2020 was paid in arrears during the quarter is $45,260.

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Statement by Competent Person

The information in this report that relates to Exploration Results, Mineral Resources, Metallurgy and Studies is based on information compiled by Ken Rogers (BSc Hons) and fairly represents this information. Mr. Rogers is the Chief Geologist and an employee of King River Resources Ltd, and a Member of both the Australian Institute of Geoscientists (AIG) and The Institute of Materials Minerals and Mining (IMMM), and a Chartered Engineer of the IMMM. Mr. Rogers has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Rogers consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

This announcement was authorised by the Chairman of the Company.

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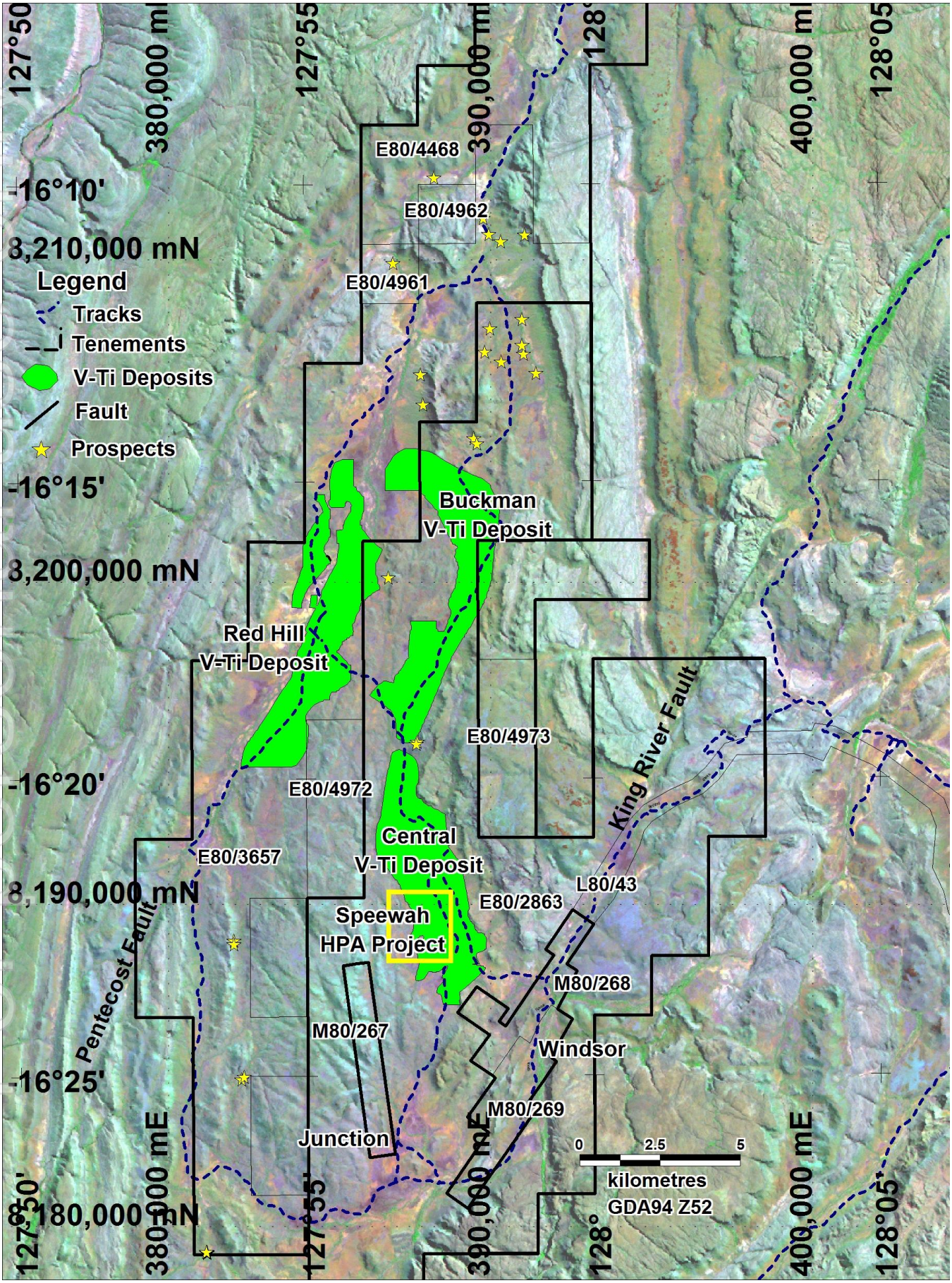

Figure 9: Location of the Central, Buckman and Red Hill vanadium deposits, the HPA Project (yellow box), and the Junction Prospect on Mining Lease M80/267 at Speewah.

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TABLE 1: SCHEDULE OF TENEMENTS HELD AT 30 SEPTEMBER 2020
SPEEWAH MINING PTY LTD and WHITEWATER MINERALS PTY LTD
(wholly-owned subsidiaries of King River Resources Limited)

Tenement	Project	Ownership	Change During Quarter
E80/2863	Speewah (held by Speewah Mining Pty Ltd)	100%	
E80/3657		100%	
E80/4468		100%	
E80/4831		100%	
E80/4961		100%	
E80/4962		100%	
E80/4972		100%	
E80/4973		100%	
L80/43		100%	
L80/47		100%	
M80/267		100%	
M80/268		100%	
M80/269		100%	
E80/5007	Mt Remarkable (held by Whitewater Minerals Pty Ltd)	100%	
E80/5133		100%	
E80/5176		100%	
E80/5177		100%	
E80/5178		100%	
ELA80/5192		100%	
ELA80/5193		100%	
E80/5194		100%	
E80/5195		100%	
E80/5196		100%	

Note:
E = Exploration Licence (granted) ELA = Exploration Licence (application)
M = Mining Lease (granted) L = Miscellaneous Licence (granted)

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TREASURE CREEK PTY LTD
(wholly-owned subsidiary of King River Resources Limited)

Tenement	Project	Ownership	Change During Quarter
EL31617	Tennant Creek	100%	
EL31618		100%	
EL31619		100%	
EL31623		100%	
EL31624		100%	
EL31625		100%	
EL31626		100%	
EL31627		100%	
EL31628		100%	
EL31629		100%	
EL31633		100%	
EL31634		100%	
EL32199		100%	
EL32200		100%	
ELA32344		100%	
ELA32345		100%	

Note:
EL = Exploration Licence (granted)
ELA = Exploration Licence (application)

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