



KAILI RESOURCES LIMITED
AGM Presentation

Halls Creek – Black and Glidden Project



Aircore Drilling at Canegrass Project



23rd December 2021

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Competent Person Statement

The information in the report above that relates to Exploration Results, Exploration Targets and Mineral Resources is based on information compiled by Mr Mark Derriman, who is the Company’s Consultant Geologist and a member of The Australian Institute of Geoscientists (1566). Mr Mark Derriman has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration and to the activities which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves. Mr Mark Derriman consents to the inclusion in this report of matters based on his information in the form and context in which it appears.

Corporate Overview



Corporate Profile

ASX Code	KLR.AX
Shares on Issue	147.4 million
Share Price (last sale)	\$0.031
Market Capitalisation	\$4.57million
Ultimate Parent:	
Inner Mongolia Yitai Investment Co Ltd	51.38%

Mineral Projects

Gindalbie Gold (100% interest)	Yilgarn Craton Western Australia
Halls Creek Cobalt Nickel Copper Gold (100% interest)	Kimberley Region Western Australia
Tennant Creek Gold Copper (100% interest)	Warramunga Province Northern Territory

Board & Management

Donghai Zhang	Chairman
Chunlin Liu	Director
Jing Li	Director
Jianzhong Yang	Director
Long Zhao	Executive Director and Company Secretary
Mark Derriman	Consultant Geologist

Business Objectives



- ❖ **MINERAL EXPLORATION TO PROVE RESOURCES FOR EVENTUAL MINING IN AUSTRALIA**
- ❖ **ACQUIRE MINING DEVELOPMENT IN AUSTRALIA FOR EARLY GROWTH**

CURRENT PROJECTS

Western Australia

- **Yilgarn Craton: Gindalbie- Gold exploration**
- **Kimberley Region: Halls Creek - Cobalt/Copper/Nickel/Gold exploration**

Northern Territory

- **Warramunga Province: Tennant Creek – Gold Copper exploration**

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KAILI RESOURCES PROJECT LOCATIONS



KAILI RESOURCES LIMITED



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KAILI RESOURCES TENEMENT REGISTER



Granted	Tenement	Name	Commodity	Region	Registered Holder	Beneficial Interest	Area km2	Expiry	Comments
8/07/2016	E40/354	8 Mile Dam	Gold	WA - Yilgarn Craton	Kaili Gold Pty Ltd	100%	-	7/07/2021	Surrender Lodged 8/10/2021
30/05/2016	E31/1114	Jungle Hill	Gold	WA - Yilgarn Craton	Kaili Gold Pty Ltd	100%	-	29/05/2026	Surrender Lodged 21/10/2021
30/05/2016	E31/1113	Canegrass	Gold	WA - Yilgarn Craton	Kaili Gold Pty Ltd	100%	50.4	29/05/2026	5 Year Renewal Granted
1/07/2016	E27/550	Holey Dam	Gold	WA - Yilgarn Craton	Kaili Gold Pty Ltd	100%	26.6	30/06/2026	5 Year Renewal Granted
1/07/2016	E27/549	Gindalbie Dam	Gold	WA - Yilgarn Craton	Kaili Gold Pty Ltd	100%	-		Surrendered 29/06/2021
31/08/2018	E80/5112	Black and Glidden	Cobalt/Gold/ Copper/Nickel	WA - Lamboo Province	Kaili Iron Pty Ltd	100%	104	31/08/2023	
31/08/2018	E80/5113	Carrington	Cobalt/Gold/ Copper/Nickel	WA - Lamboo Province	Kaili Iron Pty Ltd	100%	52.1	31/08/2023	
31/08/2018	E80/5114	Sandy Creek	Cobalt/Gold/ Copper/Nickel	WA - Lamboo Province	Kaili Iron Pty Ltd	100%	65.3	31/08/2023	
31/08/2018	E80/5115	Wild Dog	Cobalt/Gold/ Copper/Nickel	WA - Lamboo Province	Kaili Iron Pty Ltd	100%	71.1	31/08/2023	
Application	ELA 32666	Kovacs	Gold/Base Metals	NT - Warramunga Province	Kaili Gold Pty Ltd	100%	289.06		Application 23/02/2021
14/09/2021	EL 32665	Gidyea	Gold/Base Metals	NT - Warramunga Province	Kaili Gold Pty Ltd	100%	241.9	14/09/2027	6 Year Granted Tenement
							Total	900.46	

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Why Gold?

Rising Prices in current Global Economic Environment



5 Year Gold Price in USD/oz

High: 2070.05 Low: 1127.80 ▲670.91 59.49%

Last Close: 1798.71



goldprice.org

Friday, December 17, 2021

Gold Price in \$AUD 2,523/oz 17th December 2021

Source: www.goldprice.org

Why Gold?

Rising prices and steady demand



Current global environment:

- Fragile economies running large deficits
- Increased global trade tensions
- Covid-19 pandemic
- Risk of recession
- Low investor and consumer confidence
- High volatility investment

Gold is safe-haven asset with a ready transparent market when produced.

Continued preferred commodity for investment.

Scarcity: Oversupply not likely as mine-supply growth over time is reasonably predictable.

Utility: Gold is divisible, indestructible, transportable and can be stored indefinitely - a unique convenient agent of exchange.

Acceptability: Gold has been a widely accepted and used form of currency for much of human history

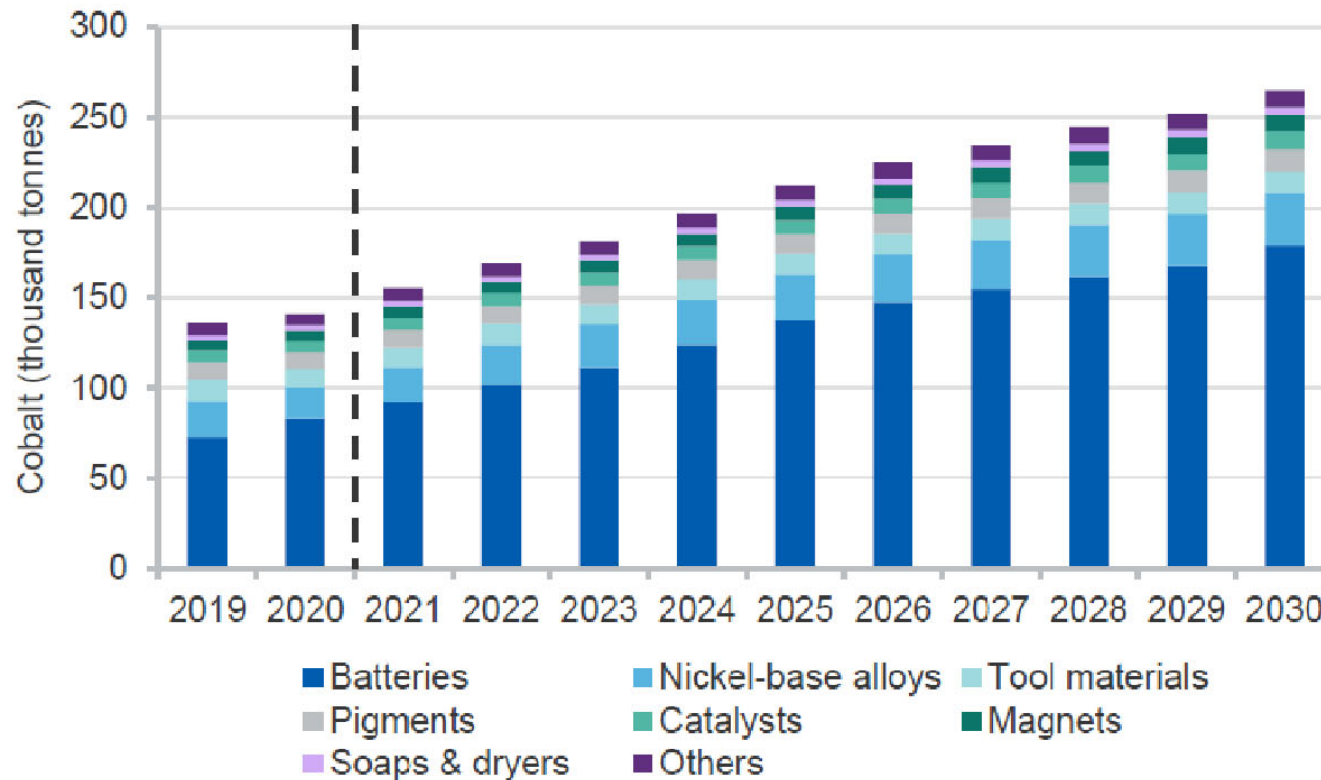
Why Cobalt?

A critical mineral:

- Electric vehicles boom expected from 2022/23 as manufacturers focus on EV production
- High production volume of batteries expected to increase total demand for cobalt in spite of research to reduce cobalt intensity in batteries to contain cost
- Cobalt supply deficits forecast from 2023 rising substantially each year

Why Cobalt

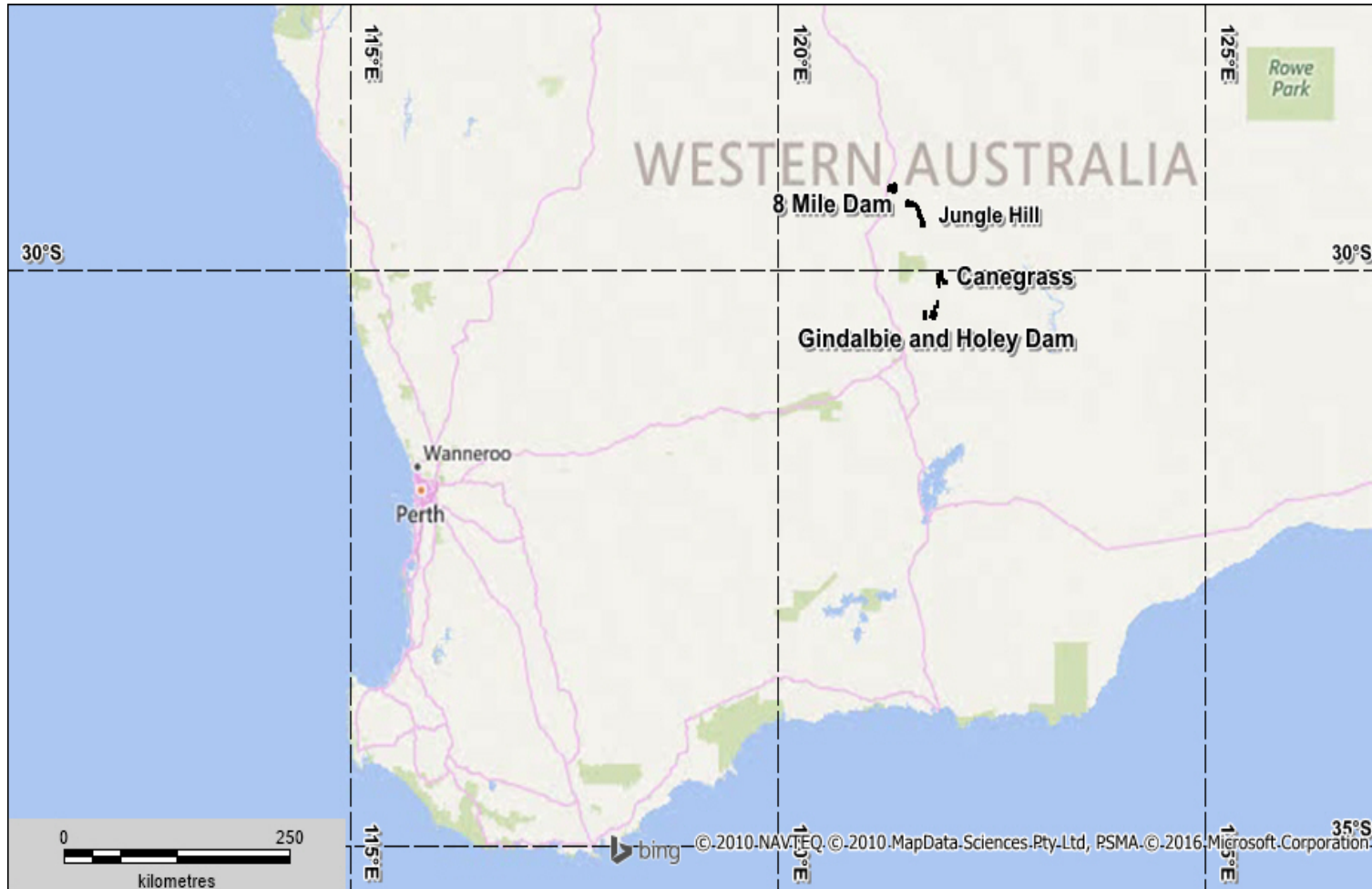
Cobalt Use Projection



Source: Roskill (2021); Department of Industry, Science, Energy and Resources (2021)

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GINDALBIE/KOOKYNIIE PROJECTS LOCATION



8 Mile Dam, Jungle Hill and Gindalbie Dam Tenements were relinquished in 2021

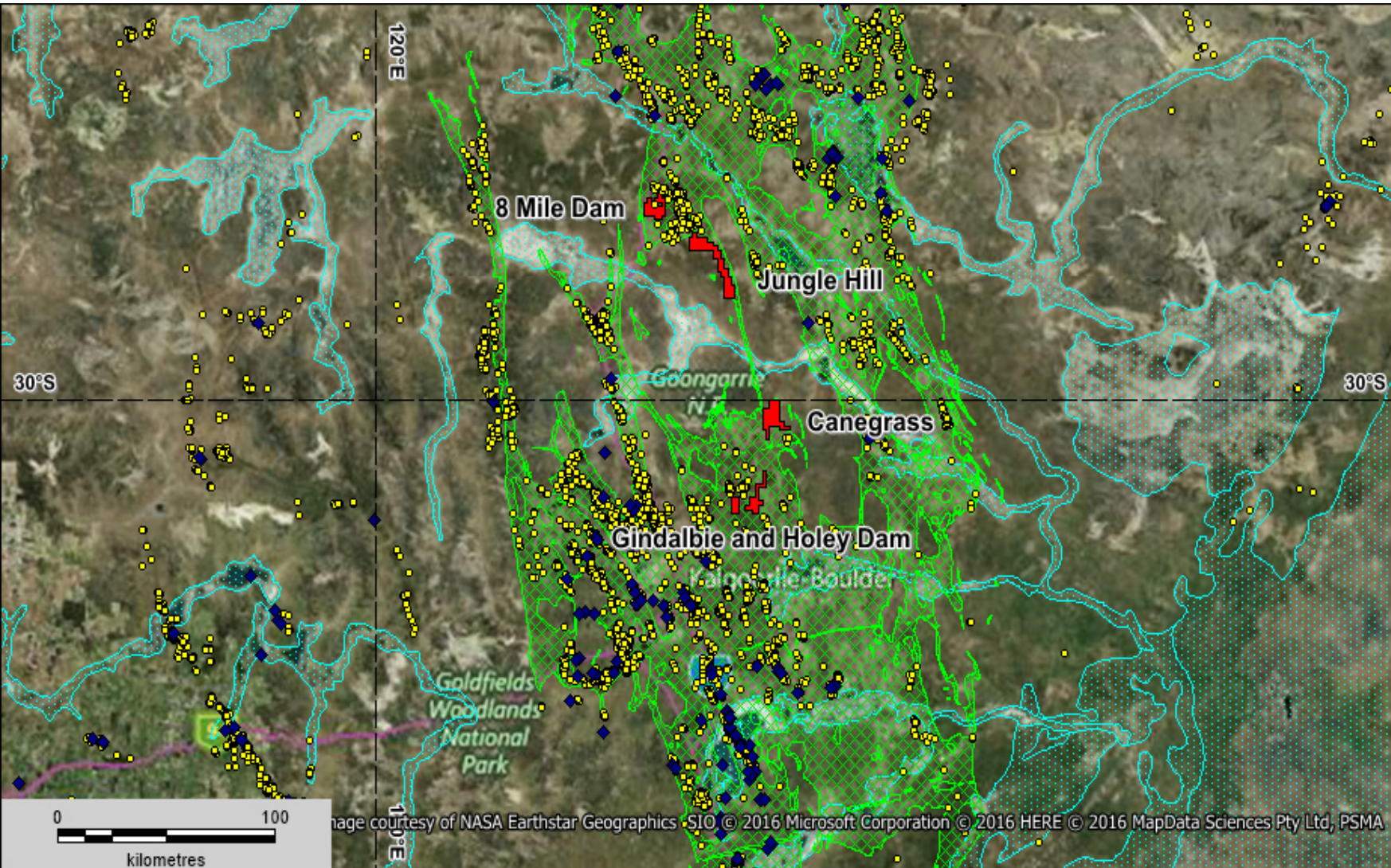
WA: Gindalbie Gold Project



KEY ELEMENTS

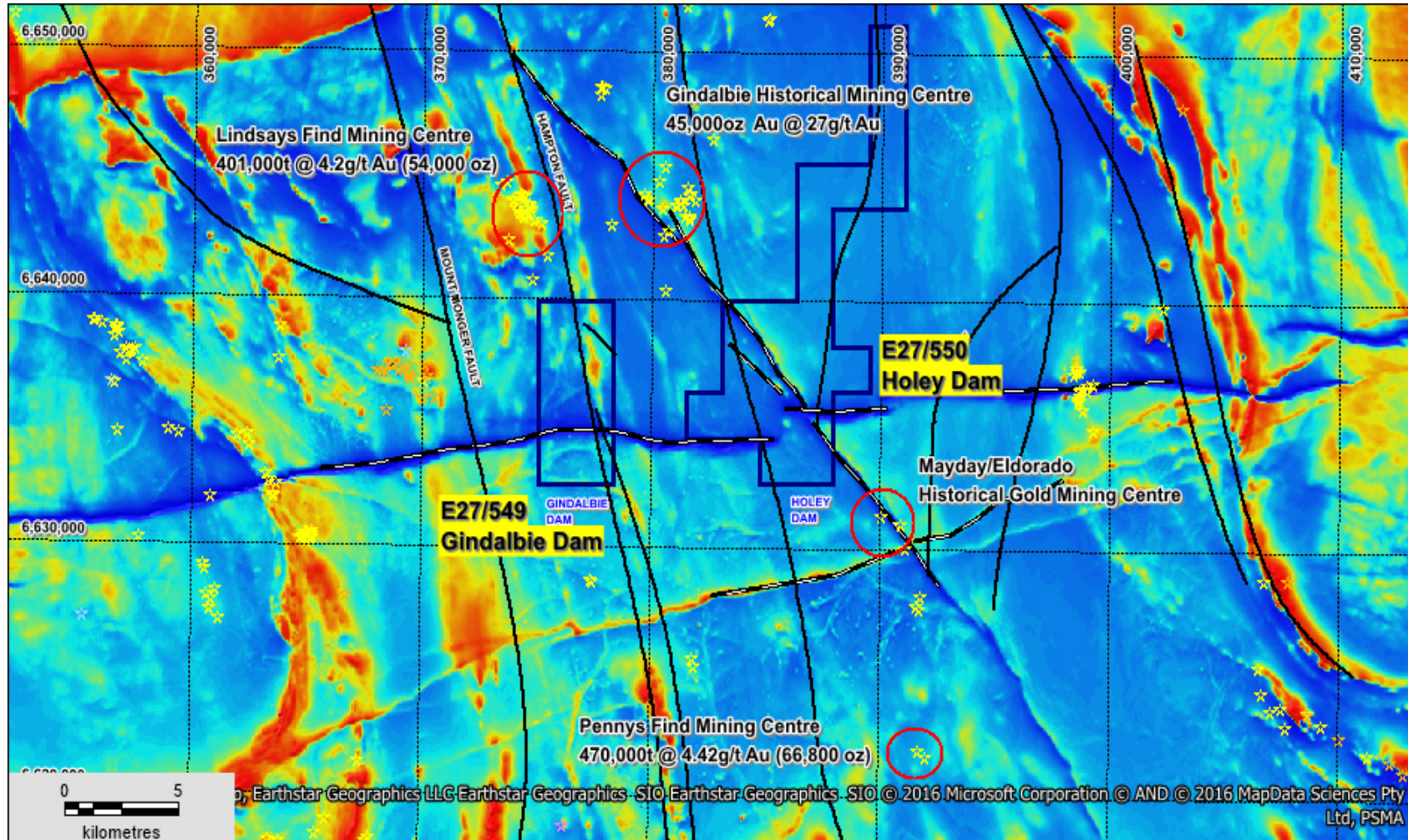
- The Yilgarn Craton of Western Australia contains several gold and nickel producing mines
- 65 km north of Kalgoorlie, famous gold production region with current multimillion ounce productions from several third parties mining operations
- Region has large skilled workforce and excellent infrastructure
- Gold processing facility within 70 km is available as a toll treating option
- Landowners supportive and Native Title agreements in place.
- Phase 1 aircore drilling completed in 2020 – Best Gold results of 1 m @ 3.96 ppm, 1 m @ 1.08 ppm and 1 m @ 0.88 ppm
- Follow up RC drilling at Canegrass planned for Q1 2022

GINDALBIE/KOOKYNIIE PROJECTS GOLD OCCURRENCES IN YELLOW



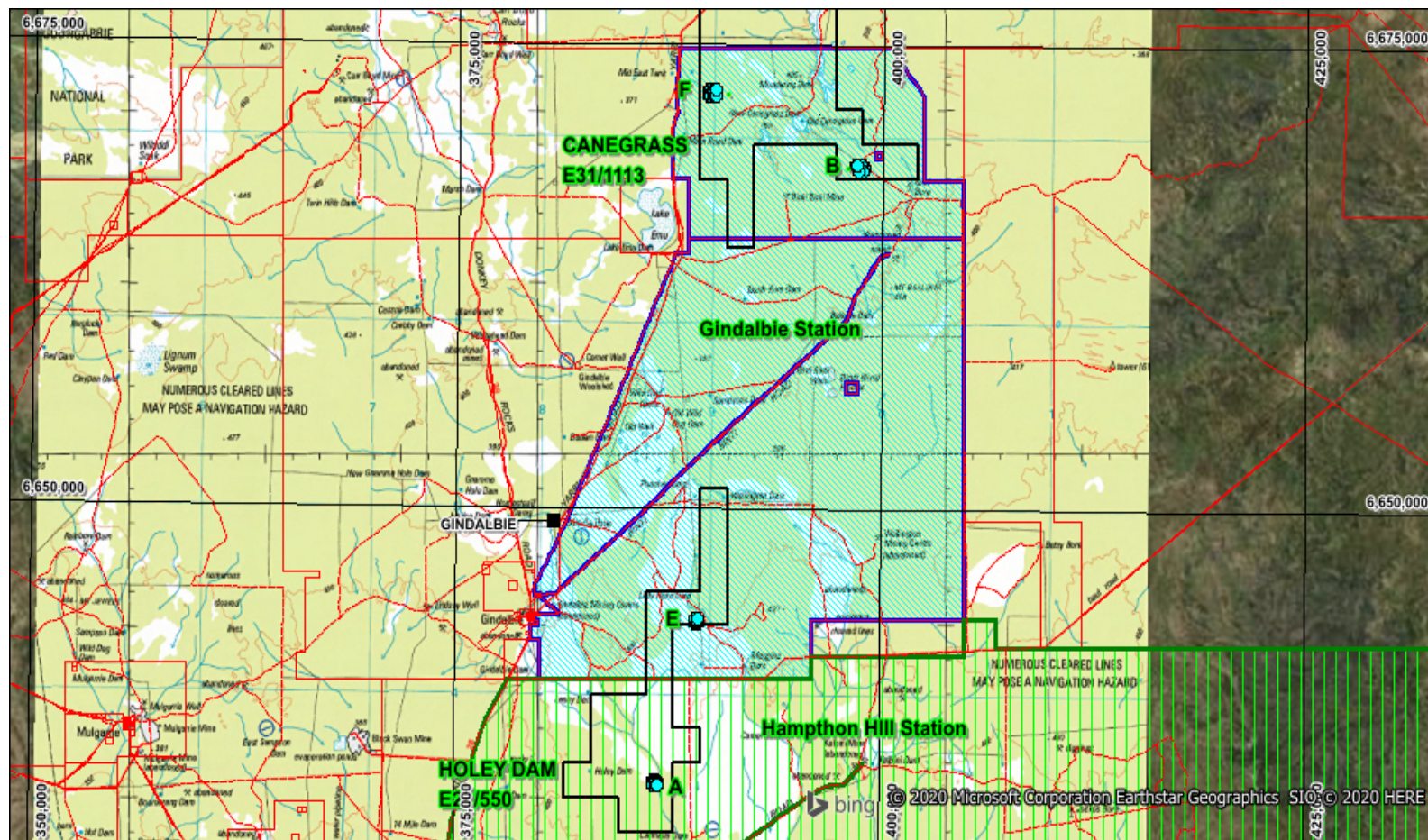
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GINDALBIE PROJECT– HOLEY/GINDALBIE DAMS



Note that E27/549 was relinquished in June 2021

CANEGRASS AIRCORE DRILLING IN 2020



2020 Aircore drilling areas in Holey Dam(A,E) and Canegrass Tenements(B,F)

GINDALBIE PROJECT– AIRCORE DRILLING 2020



- The drilling was within the Holey Dam and Canegrass Tenements
- Aircore drilling in September 2020 with 50 holes completed for an average depth of 37 m
- A total of 1,866 m was drilled to sample fresh bedrock beneath transported overburden and saprolite clays
- The drilling targeted major structures and structural intersections
- Gold: seven samples > 0.1ppm to a maximum of 3.96 ppm
- Copper: five samples > 200ppm to a maximum of 620 ppm
- Sulphur: six samples > 2% to a maximum of 4.1%
- The highest gold was associated with 5,400 ppm Cr and 700 ppm Ni

Holey Dam Area E

- The drilling intersected dolerite and ultramafic rocks
- Quartz veining in some holes
- The best intersections were 4 m @ 0.29 ppm Au from 25 m to 29 m and 4 m @ 0.42 ppm Au including 1 m @ 1.08 ppm Au
- The spectral mineralogical study highlighted white mica and tourmaline in several samples. These minerals are likely alteration products especially tourmaline that occurs as an alteration mineral adjacent to some orogenic gold deposits
- The mica/tourmaline trend to be tested with deeper RC drilling

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Canegrass Area F

- The drilling intersected altered and mineralised gabbro in addition to basalt and ultramafic rocks adjacent to the Emu Fault
- White mica, carbonate and chlorite minerals were noted in the spectral mineralogical study and these are possible alteration products associated with the movement mineralising fluids along the Emu Fault
- Area F is associated with an aeromagnetic high adjacent to the Emu Fault which may be an expression of gabbroic rocks
- Significant gold intersection included 1 m @ 3.96 ppm, 1 m @ 0.48 ppm and 1 m @ 0.88 ppm
- The white mic “alteration trend” is aligned with the Emu Fault and linear magnetic high, the highest gold is located along the southern most drill line
- 2021 follow up deeper RC drilling to target the mica alteration trend associated with the Emu Fault and linear magnetic high – delayed due to non-availability of driller

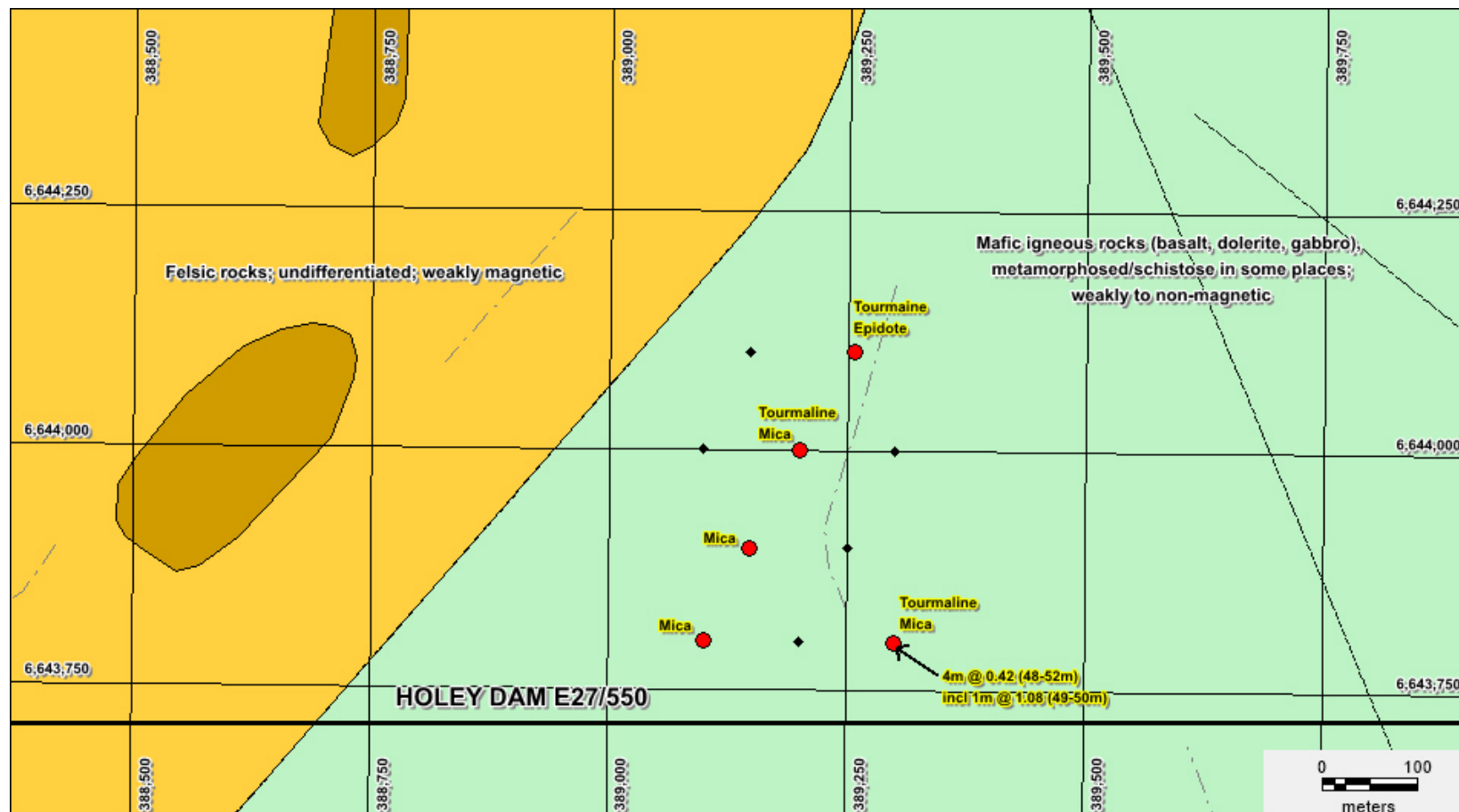
CANEGRASS AIRCORE DRILLING



Aircore Drill Rig in Operation – Holey Dam Project

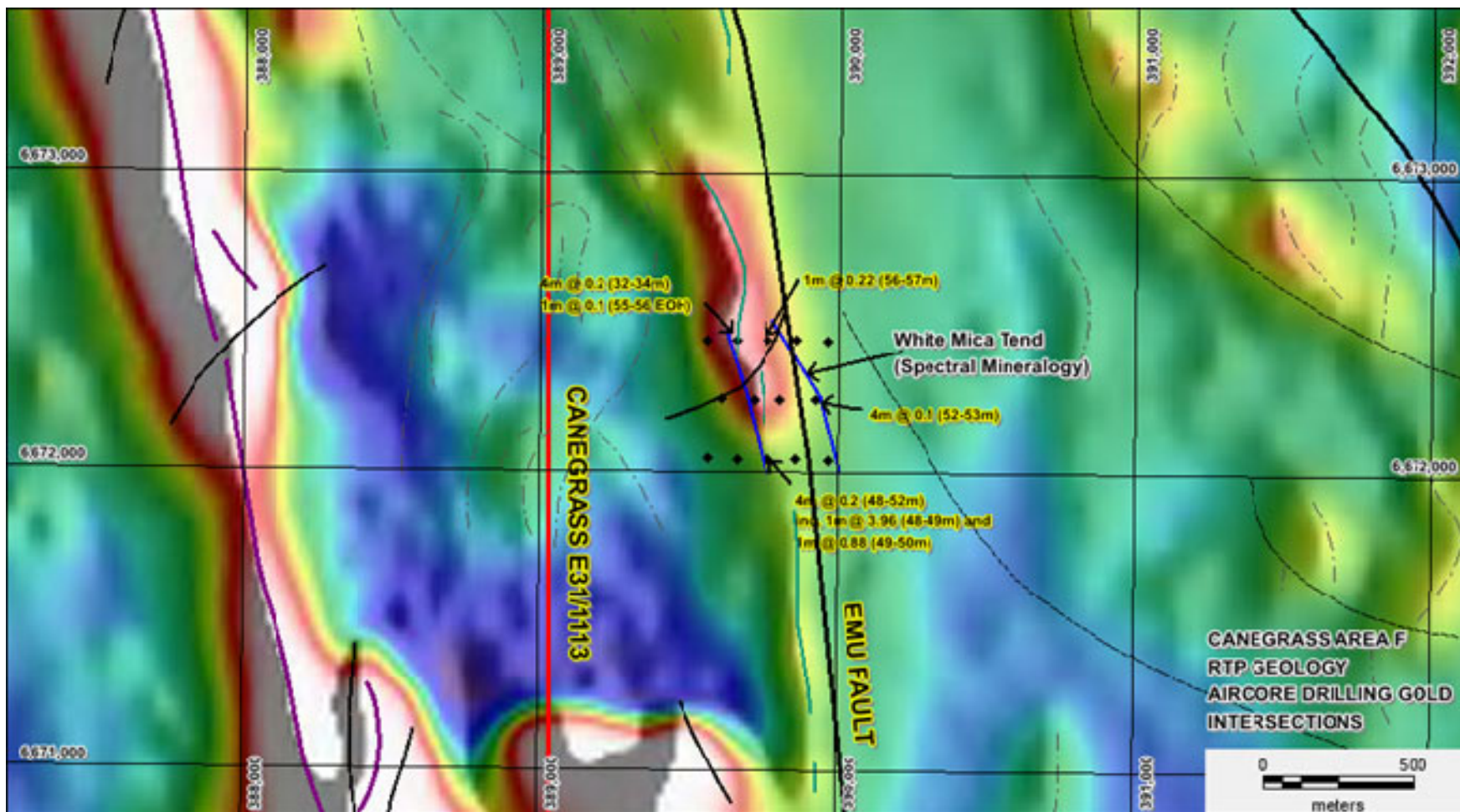
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HOLEY DAM AIRCORE DRILLING



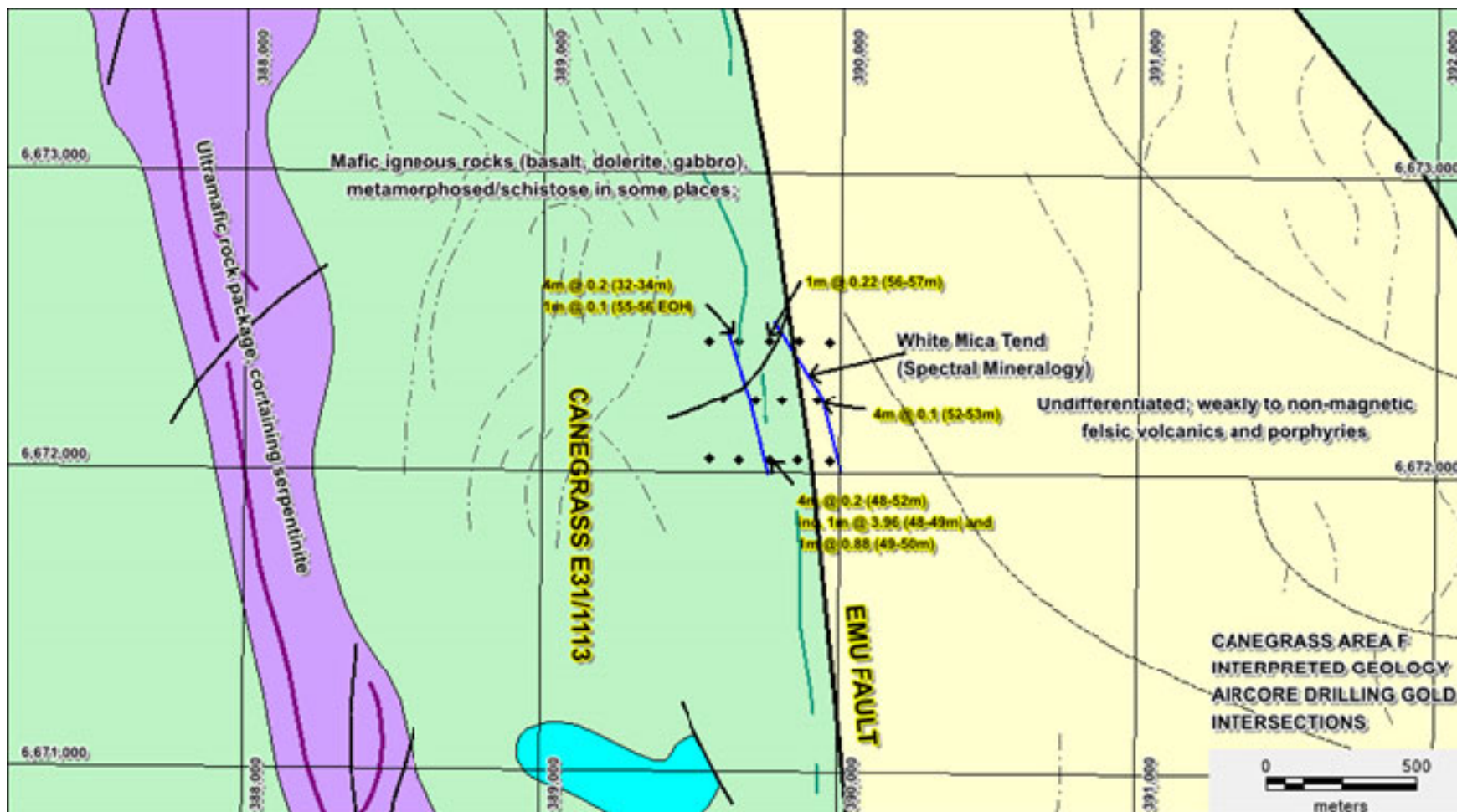
Aircore drilling with anomalous gold and mica/tourmaline from spectral mineralogical analyses

CANEGRASS AIRCORE DRILLING



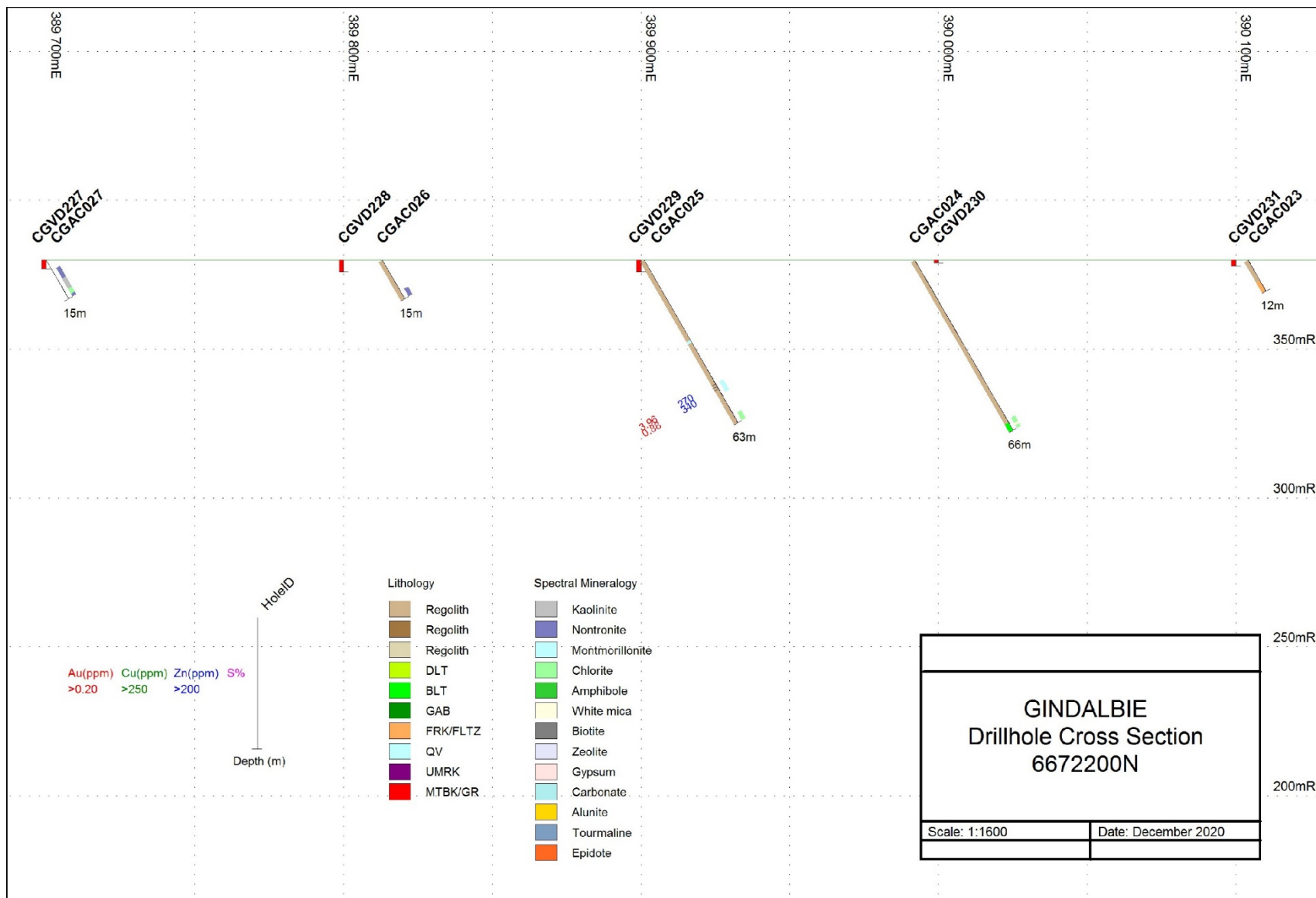
Magnetic image showing drilling grid, Mica alteration? trend and anomalous gold intersections

CANEGRASS AIRCORE DRILLING



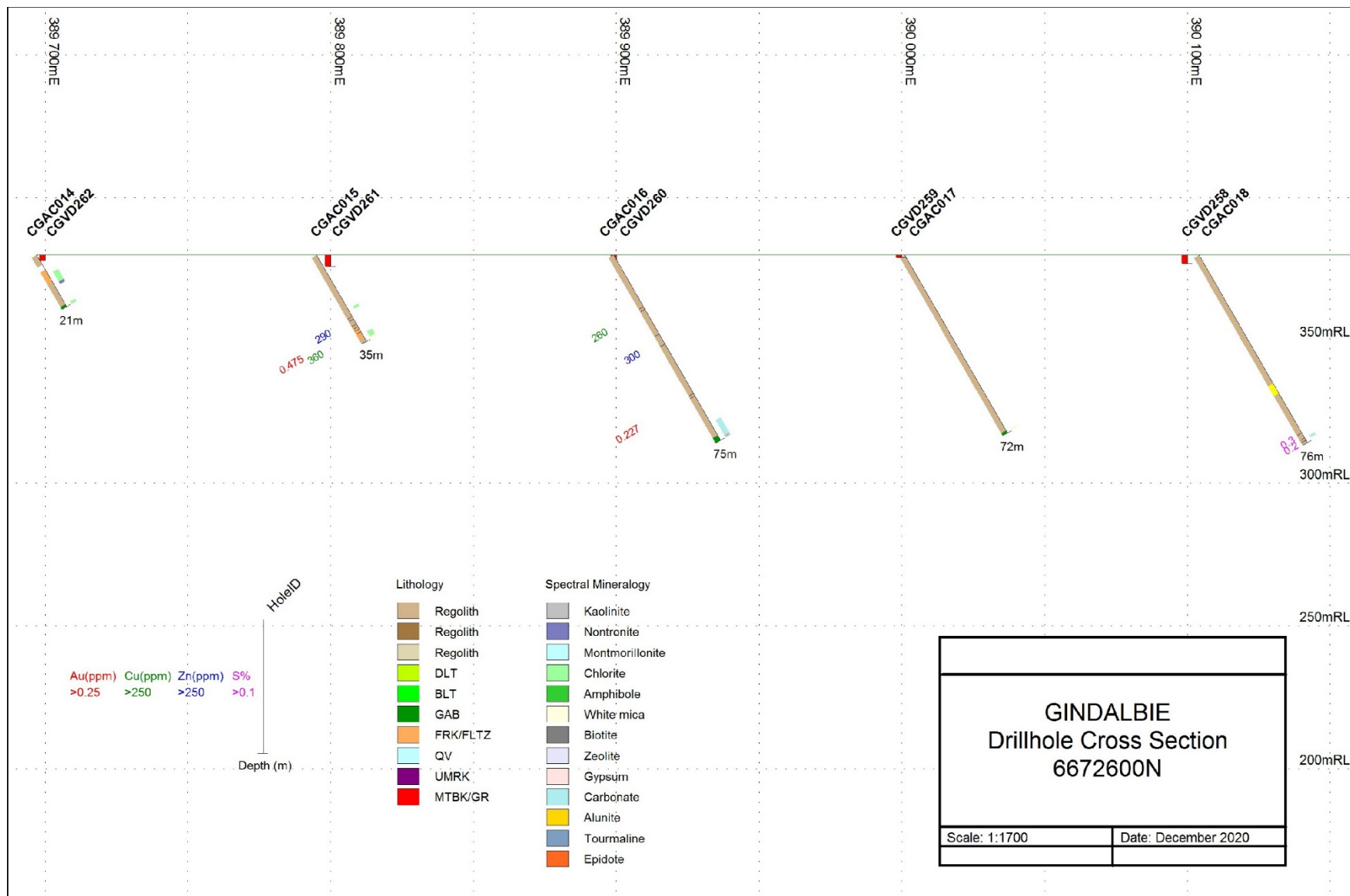
Interpreted geology showing drilling grid, Mica alteration? trend and anomalous gold intersections

CANEGRASS AIRCORE DRILLING 6672200N



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CANEGRASS AIRCORE DRILLING 6672600N



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GINDALBIE 2022 EXPLORATION



- A 2,000 m Reverse Circulation drilling program was planned for 2021 to follow up the 2020 elevated Aircore drilling results from Canegrass and Holey Dam – including an initial an assessment drilling of 400 m.
- The assessment drilling program has been planned for the Canegrass tenements at Area F. Now to be carried out in Q 1 2022 because of non-availability of driller.
- The Aircore drilling delineated a mica alteration trend associated with the N-S Emu Fault.
- Intersections of 1m @ 3.98 and 1m @ 0.88 Au were recorded between 48 and 50m downhole on the southern most drill traverse with the mineralised intersections open to the south and at depth

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WA: HALLS CREEK COBALT, COPPER, NICKEL AND GOLD PROJECT



- Located in Kimberly Region of WA
- 80 km from the town of Halls Creek
- The target commodities are Co Au, Cu, Pb, Zn, Ni
- The cobalt occurs in ultramafic intrusive rocks such as norite, gabbro and gabbronorite
- These rocks are within a broader unit – Sally Downs Supersuite
- There is a cobalt occurrence in one of the four tenements

WA HALLS CREEK PROJECT LOCATION

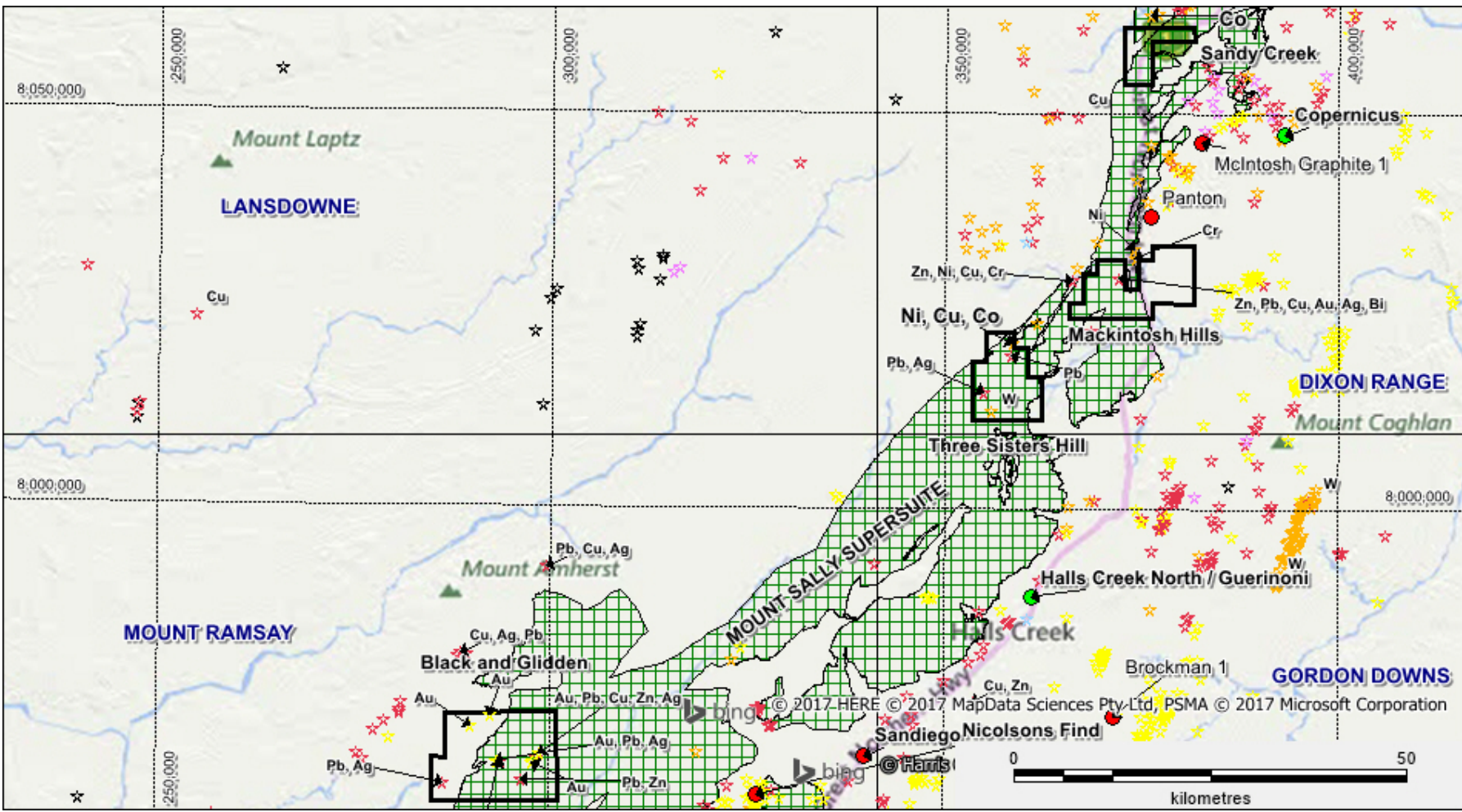


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HALLS CREEK PROJECT TENEMENTS AND MINERAL OCCURRENCES

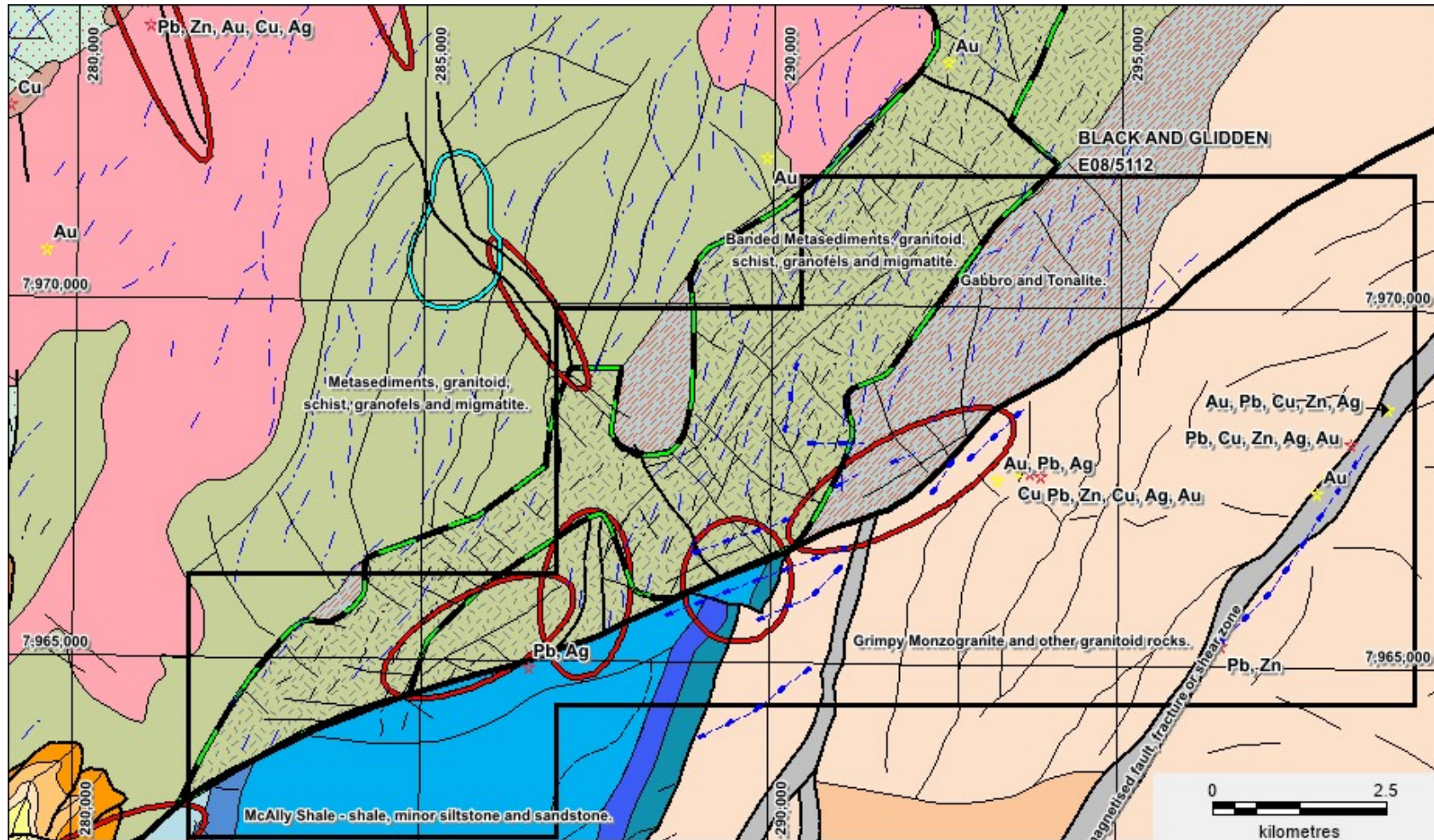


KAILI IRON PTY LTD



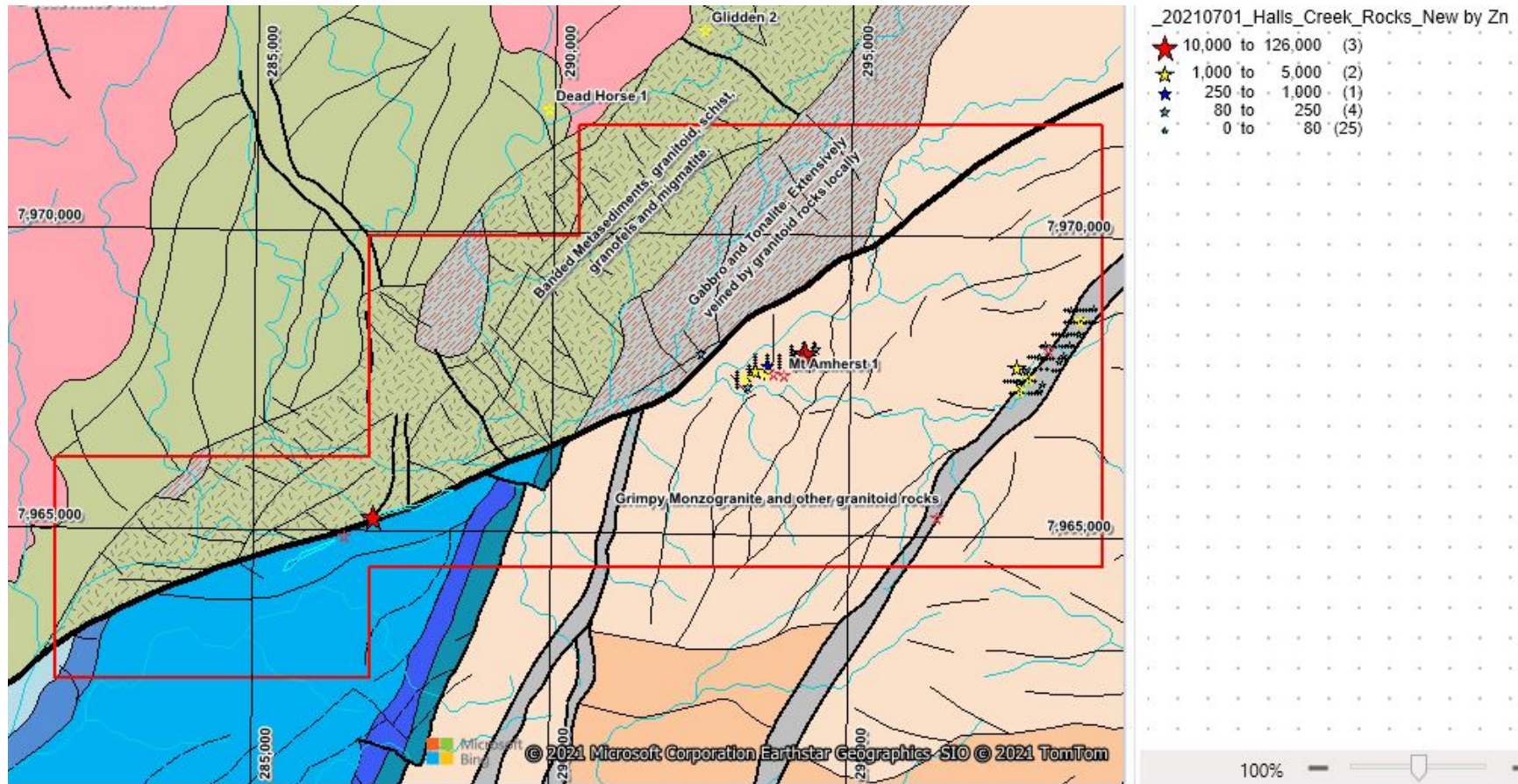
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BLACK AND GLIDDEN TARGETS



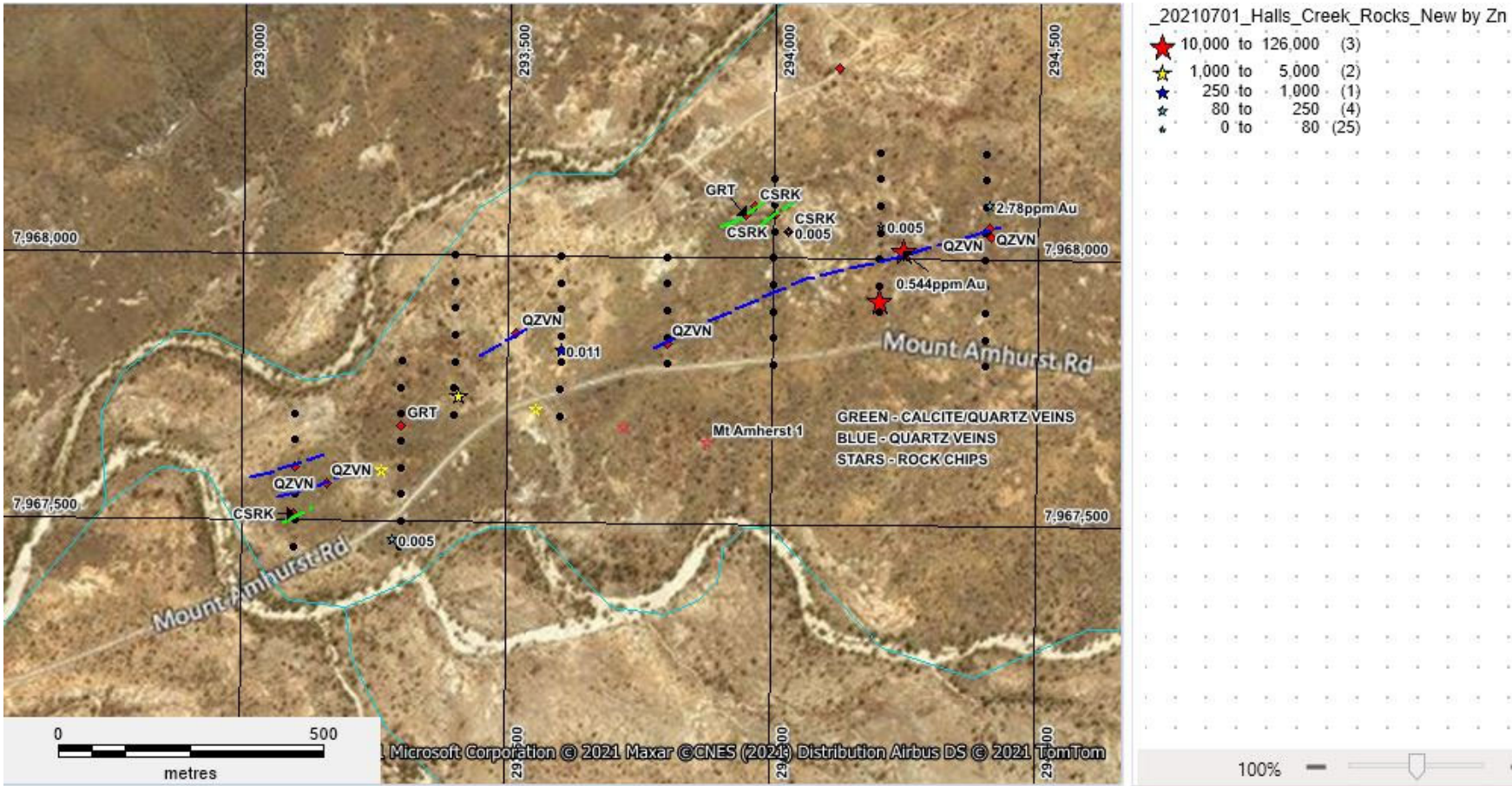
Black and Glidden Interpreted Geology Structure Mineral Occurrences and Targets

BLACK AND GLIDDEN TARGETS



Black and Glidden Interpreted Geology Structure Mineral Occurrences 2021 Exploration

BLACK AND GLIDDEN TARGETS



Black and Glidden Interpreted Geology Structure Mineral Occurrences and Targets

BLACK AND GLIDDEN TARGETS



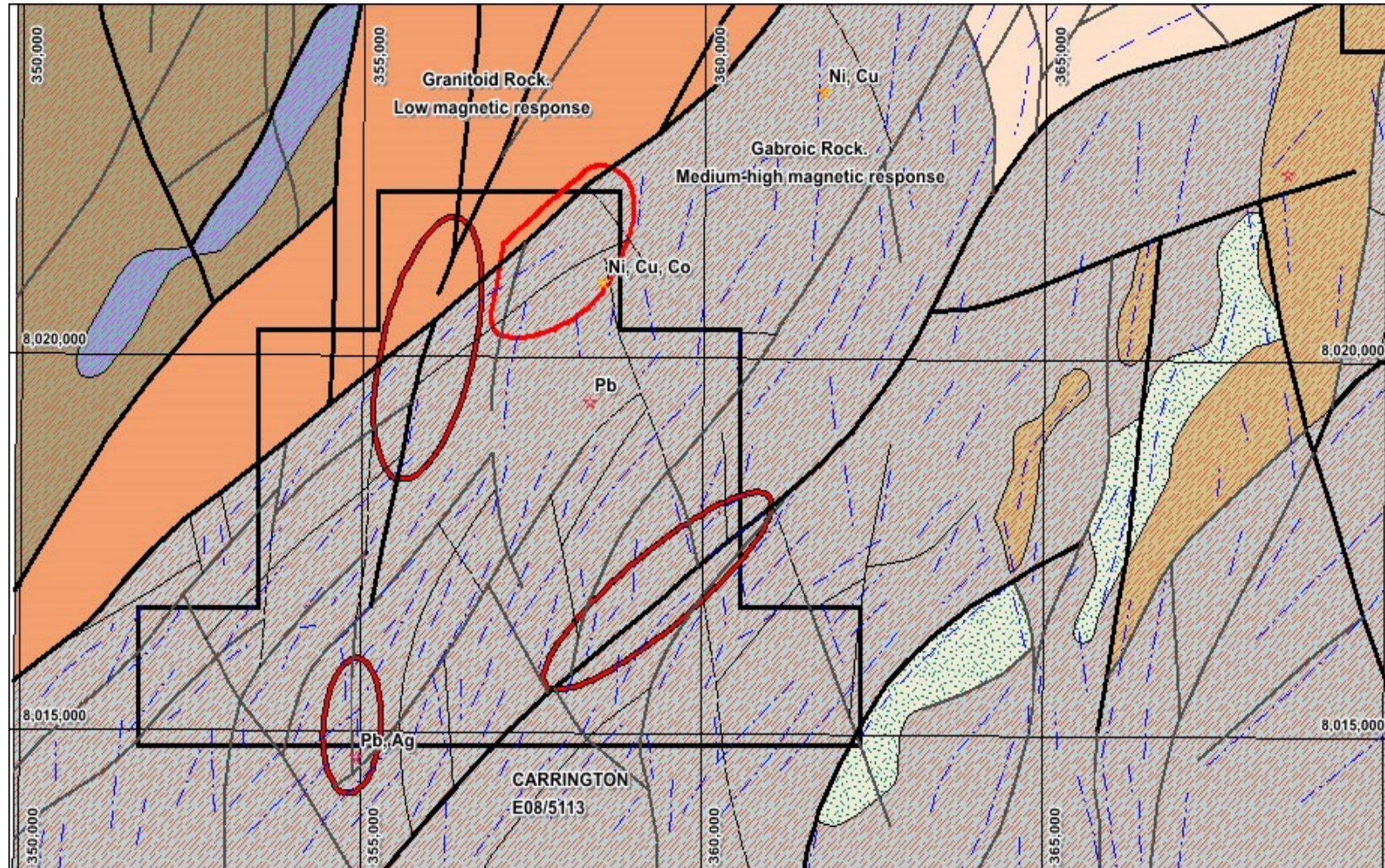
Black and Glidden Gossanous Quartz Calcite Vein

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BLACK AND GLIDDEN RESULTS

- Soils sampling and mapping was completed in Q2 and Q3 in two areas with 50m sampling along 100m spaced lines.
- The worked focussed in the east of the tenement within an area of historical mineral occurrences
- The historical worked are associated with copper and zinc mineralised quartz/calcite veins developed intermittently over several hundred meters and locally gossanous
- The veins are hosted by the Grumpy Monzogranite with assays to 0.82% Cu, 9.93% Pb, 12.6% Zn, 2.78g/t Au and 171g/t Ag
- Intense epidote alteration of the monzogranite was observed adjacent to the vein quartz

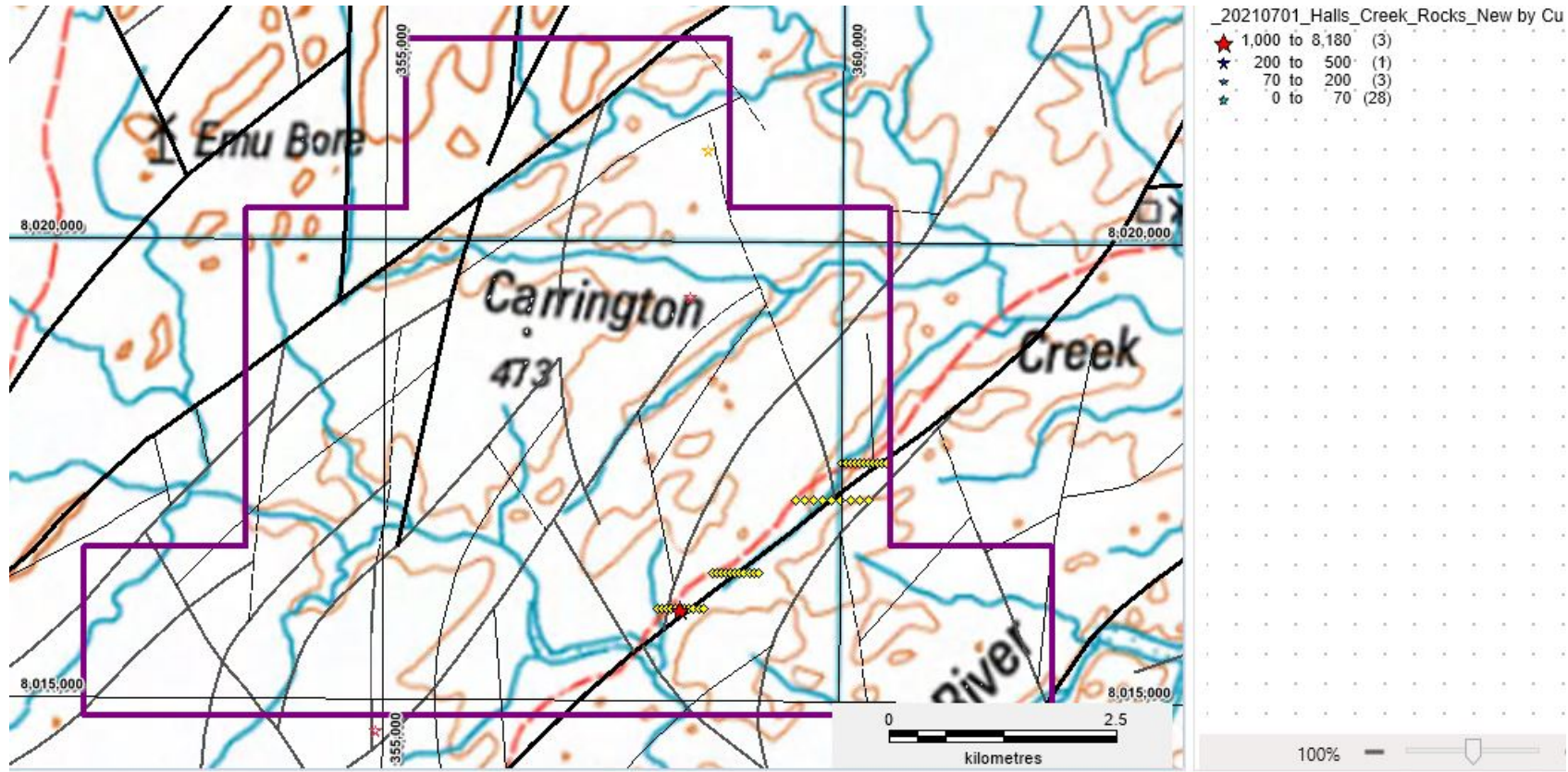
CARRINGTON TARGETS



Carrington Interpreted Geology Structure Mineral Occurrences and Targets

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CARRINGTON TARGETS



Carrington Interpreted Geology Structure Mineral Occurrences and Targets

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CARRINGTON TARGETS



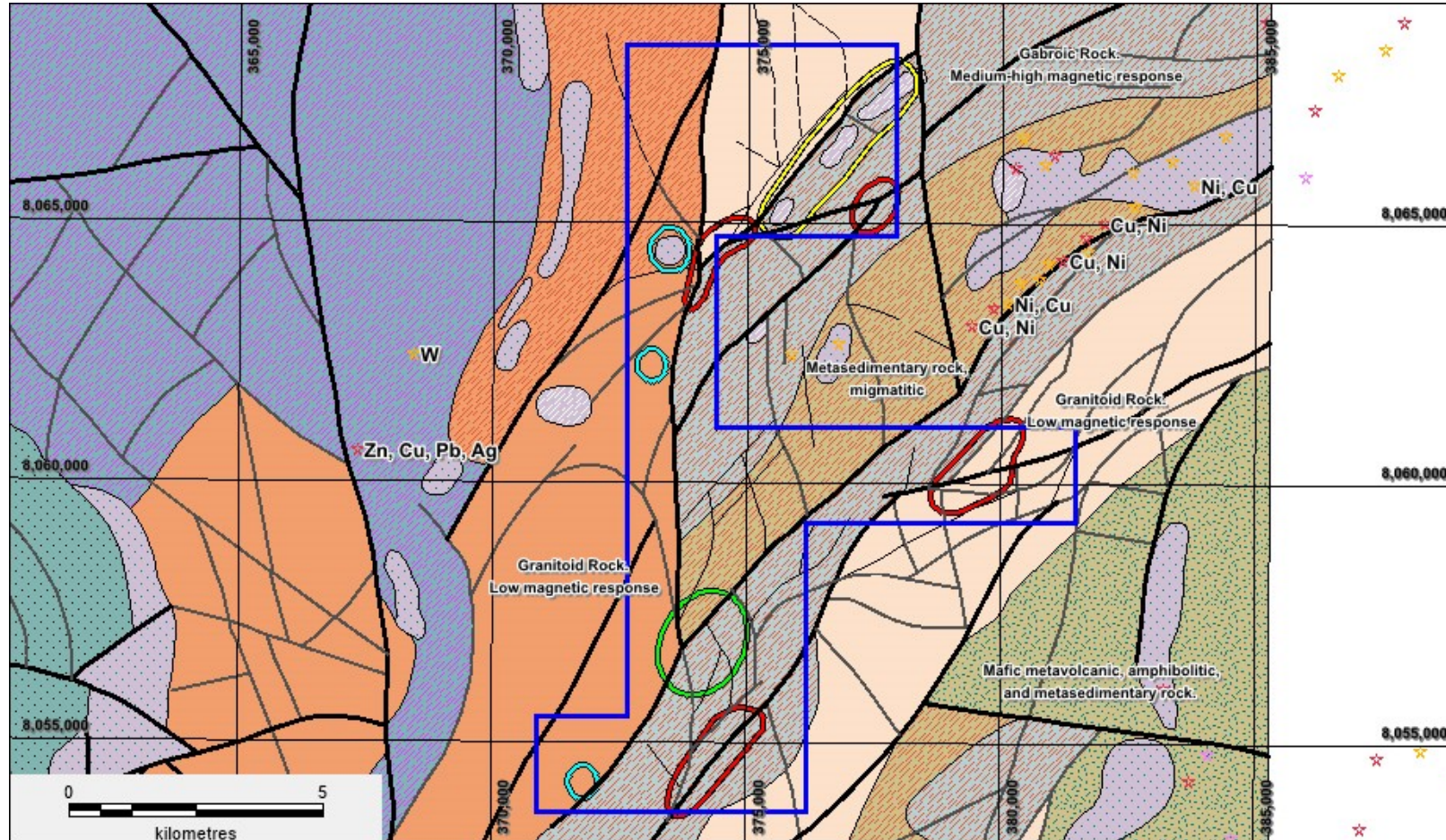
Carrington Gossanous Vein Quartz and Coarse Grained Granite

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CARRINGTON RESULTS

- Vehicular access was limited due to very rugged terrain
- The high priority EM target in the north of the tenement will be explored in 2022 using helicopter support
- The high priority target in the SE of the tenement associated with a regionally significant NE SW trending fault was evaluated via 4 E-W soil sampling line
- The main rock type in the area was granite and the soils geochemistry was of low tenor
- A single rock sample from a small outcrop gossanous vein quartz returned a Cu assay of 0.15%. This areas will receive further exploration in 2022

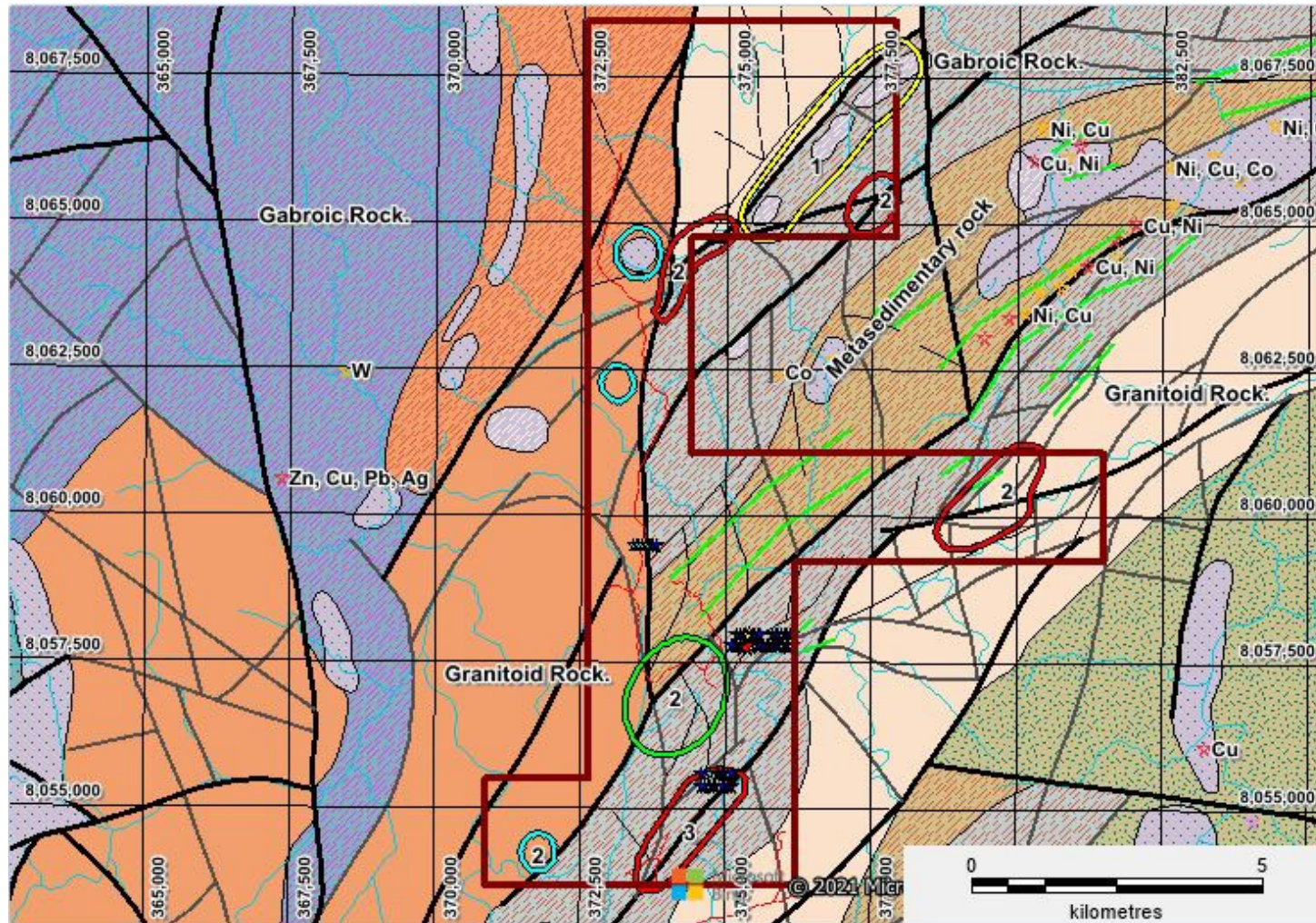
SANDY CREEK TARGETS



Sandy Creek Interpreted Geology Structure Mineral Occurrences and Targets

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SANDY CREEK TARGETS



Sandy Creek Interpreted Geology Structure Mineral Occurrences and Targets

SANDY CREEK TARGETS



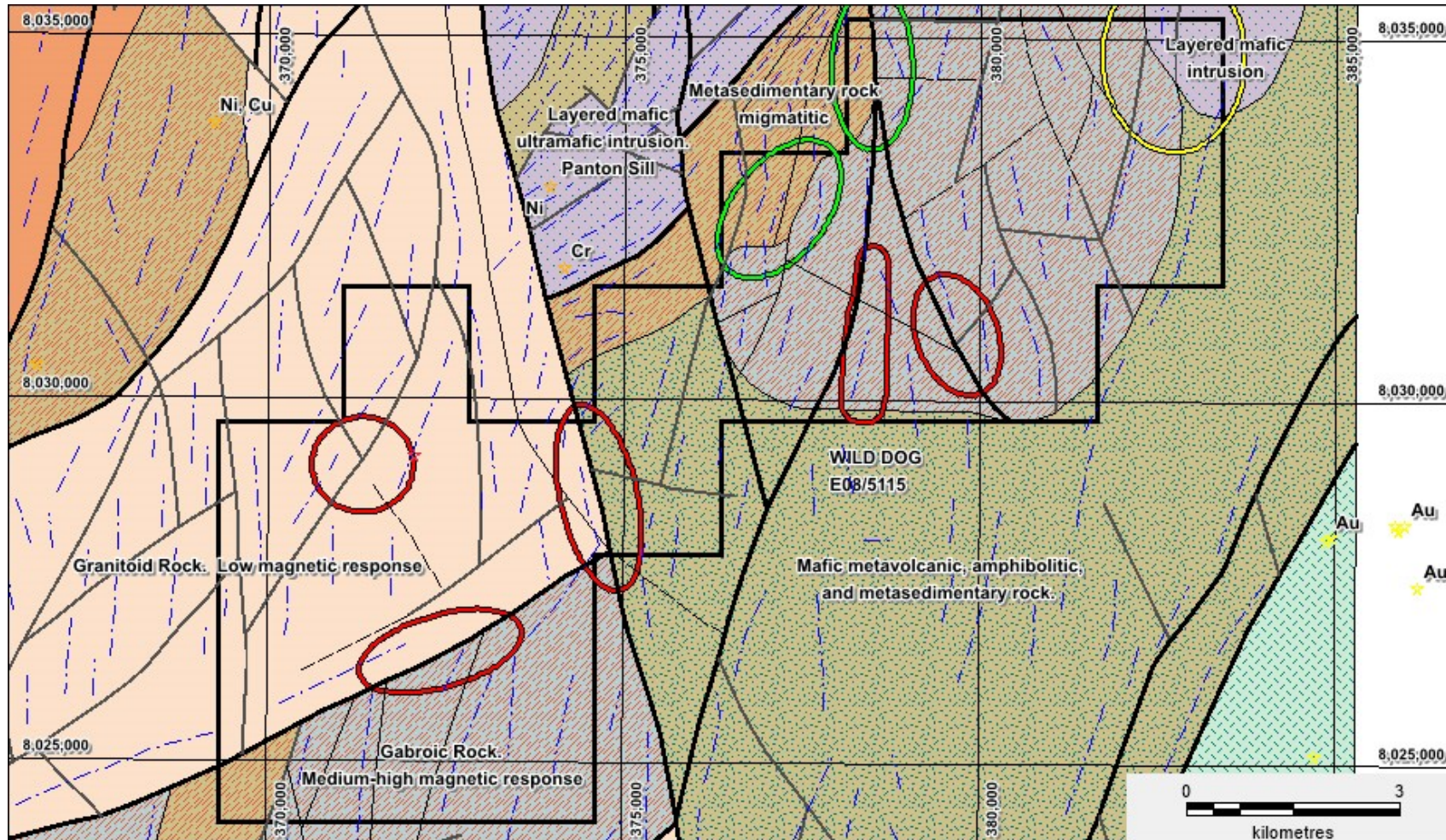
Sandy Creek Quartz Veined Gabbro

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SANDY CREEK RESULTS RESULTS

- Vehicular access was limited due to very rugged terrain and wide sandy creeks limiting access to the southern portion of the tenement
- The high priority target in the north of the tenement will be explored in 2022 using helicopter support.
- Some lower priority targets were sampled via E-W soil grids however the gold and base metal results were low and no further exploration is warranted in these areas of low tenor.

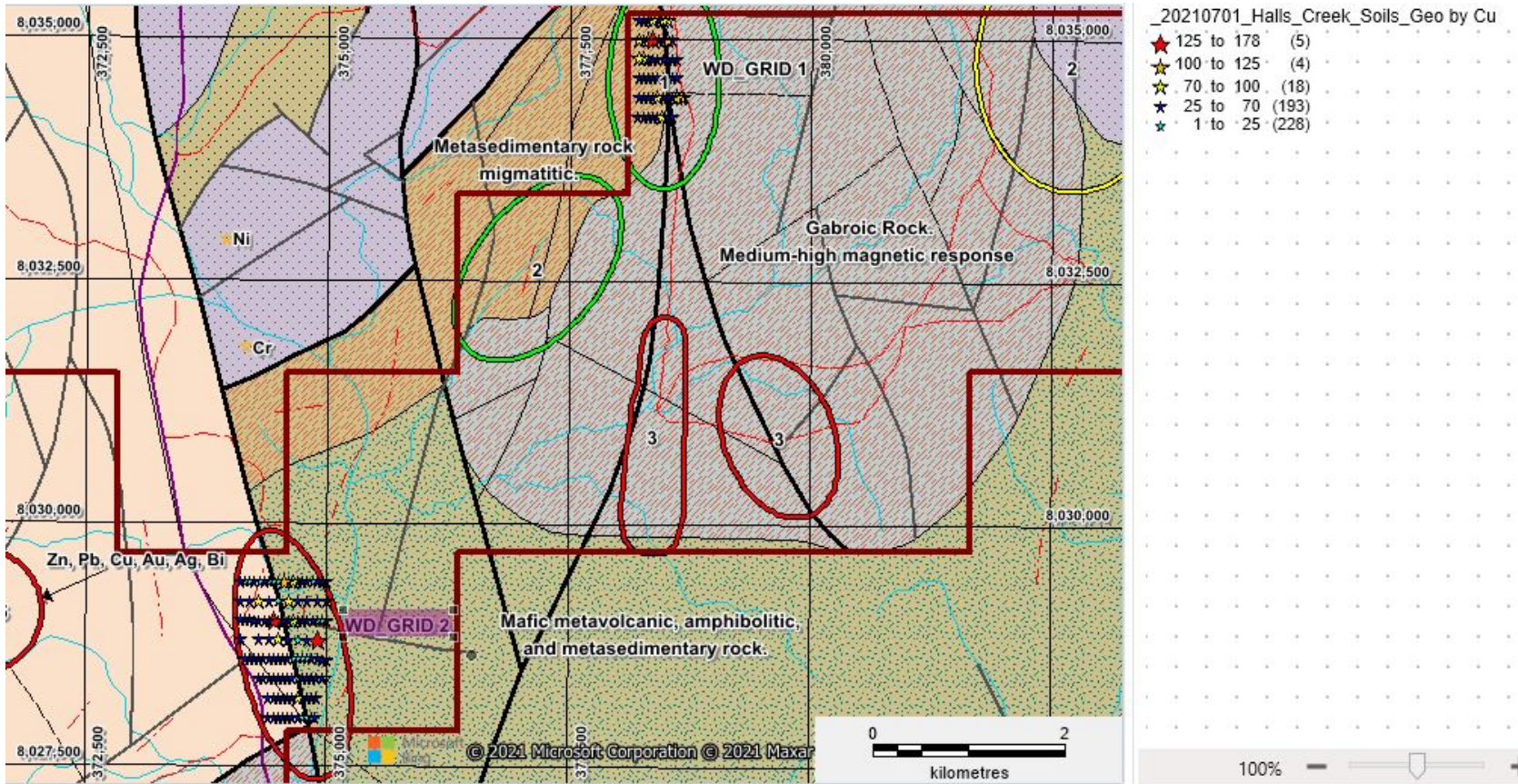
WILD DOG TARGETS



Wild Dog Interpreted Geology Structure Mineral Occurrences and Targets

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WILD DOG TARGETS



Wild Dog Interpreted Geology Structure Mineral Occurrences and Targets

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WILD DOG RESULTS RESULTS

- Vehicular access was generally pretty good and several vehicle traverses were completed across the tenement
- WD Grids 1 and 2 contained some elevated Cu as shown on the previous slide, these areas will be sampled in 2022
- Most of the area to the east of the WD Grid 1 comprises coarse grained mafic rocks such as norite and gabbro with little signs of base metal mineralisation
- Exploration will continue in Q2 and Q3 2022 during the dry season

Halls Creek Phase 1 Exploration

- Phase 1 exploration commenced in 2021 will continue in Q2 and Q3 in 2022
- Completion of the surficial sampling and mapping of the target areas involving a combination of helicopter, vehicle and foot traverses
- The field work will involve collection of stream and rock samples within the designated target areas shown in the preceding slides
- In addition several targets generated by Earth AI following an artificial intelligence study of the areas will also be sampled and geologically mapped
- Shallow drilling is being planned for the geochemical trends within the Black and Glidden tenement

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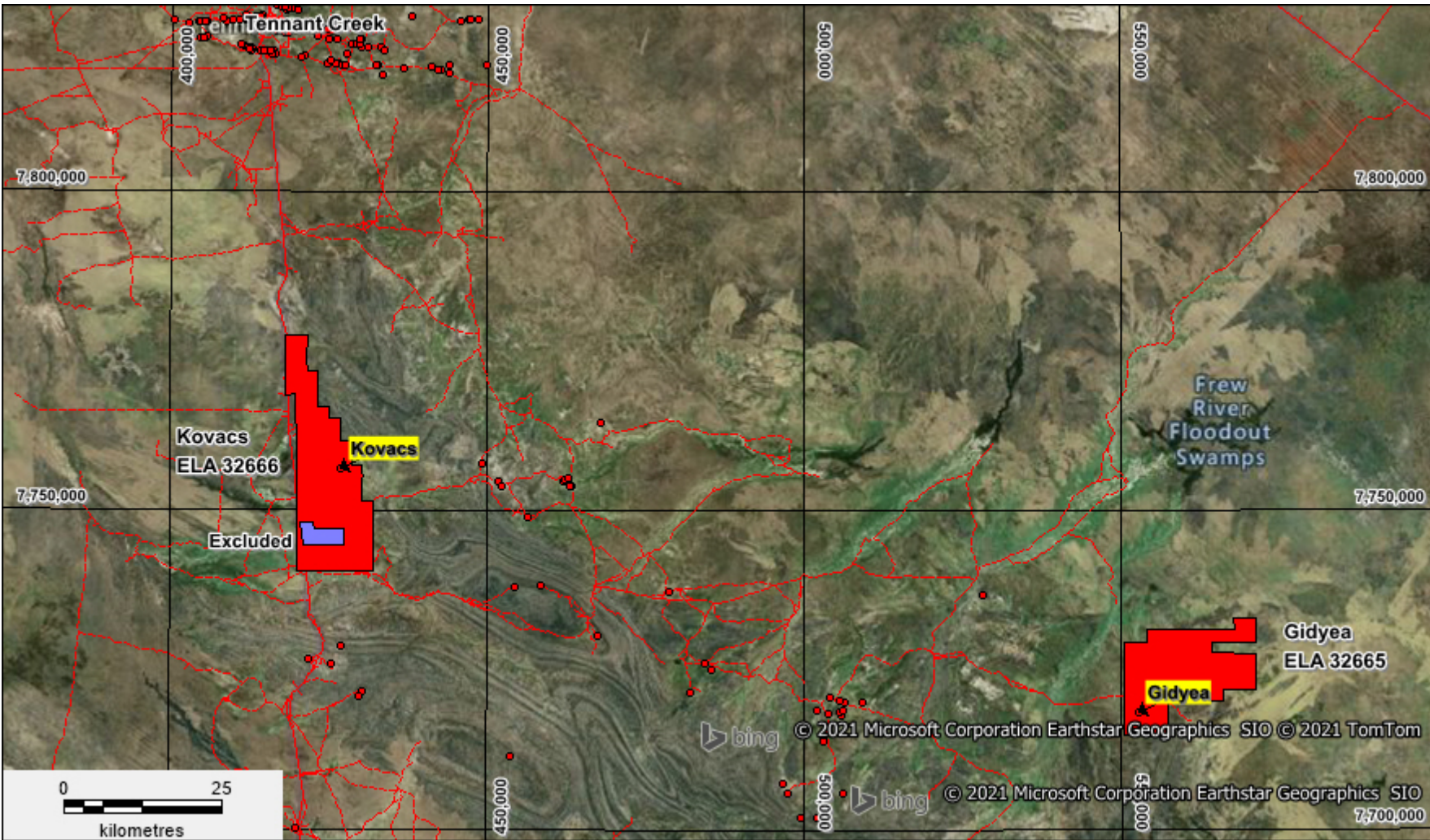
NT: TENNANT CREEK

COPPER, GOLD and COBALT PROJECT



- Gidyea and Kovac tenements: located in Gold mineralised Warramunga Province of the Northern Territory
- Between 75km and 180km S and SW of Tennant Creek
- Since 1932 the Tennant Creek Goldfield has produced 5M ounces (156 tonnes) of gold and 345,000 t of copper
- The most significant mineralisation is associated with ironstone and vein quarts in Warramunga Sediments
- Gold has been reported at 2 locations west of Gidyea. There is a reported cobalt occurrence within Gidyea
- There is a gold occurrence within the Kovac tenement that has had a small amount of gold prospecting

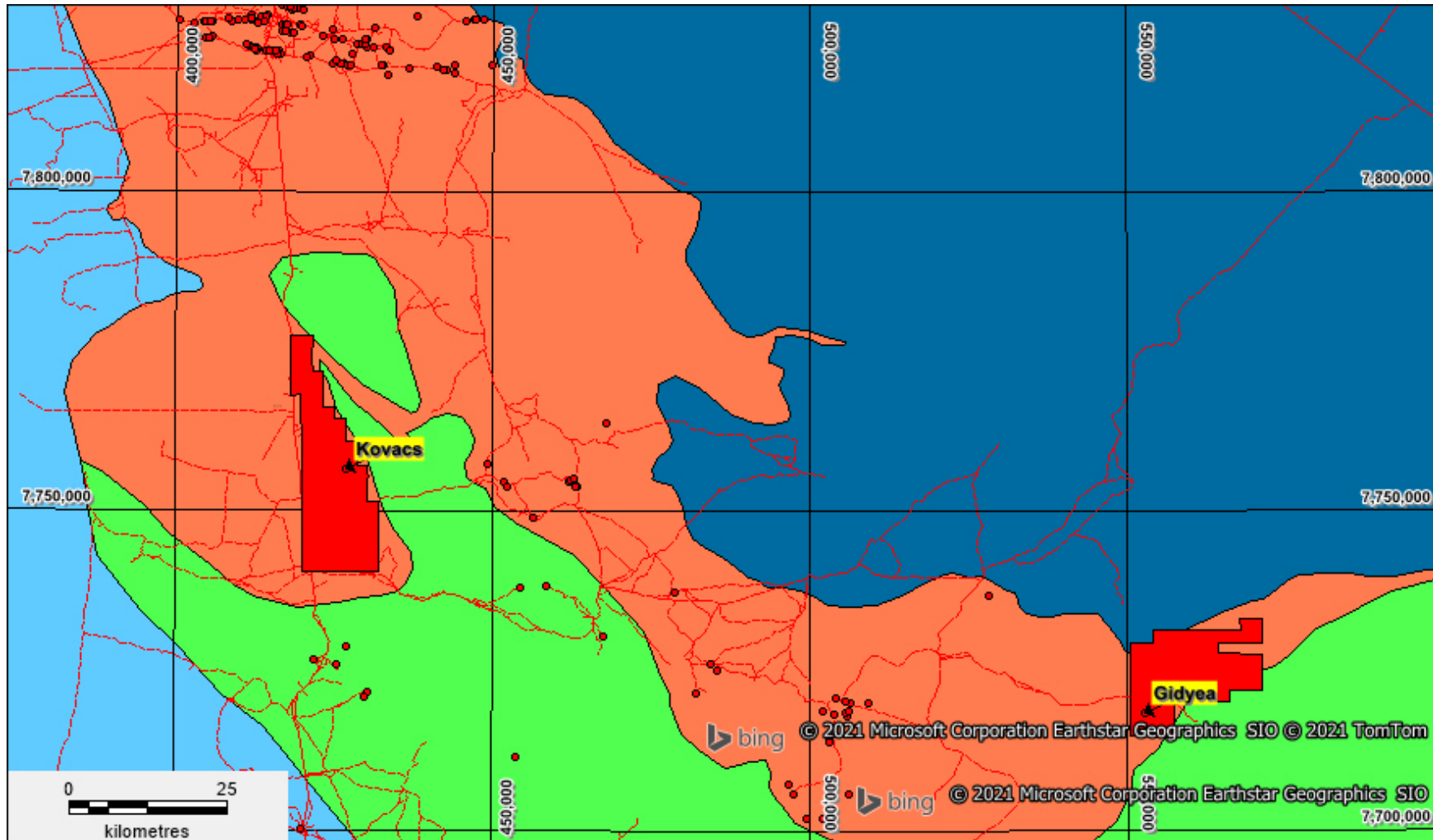
TENNANT CREEK PROJECT LOCATION



ELA 32666 (Kovac) and EL 32665 (Gidyea) Tenement Locations

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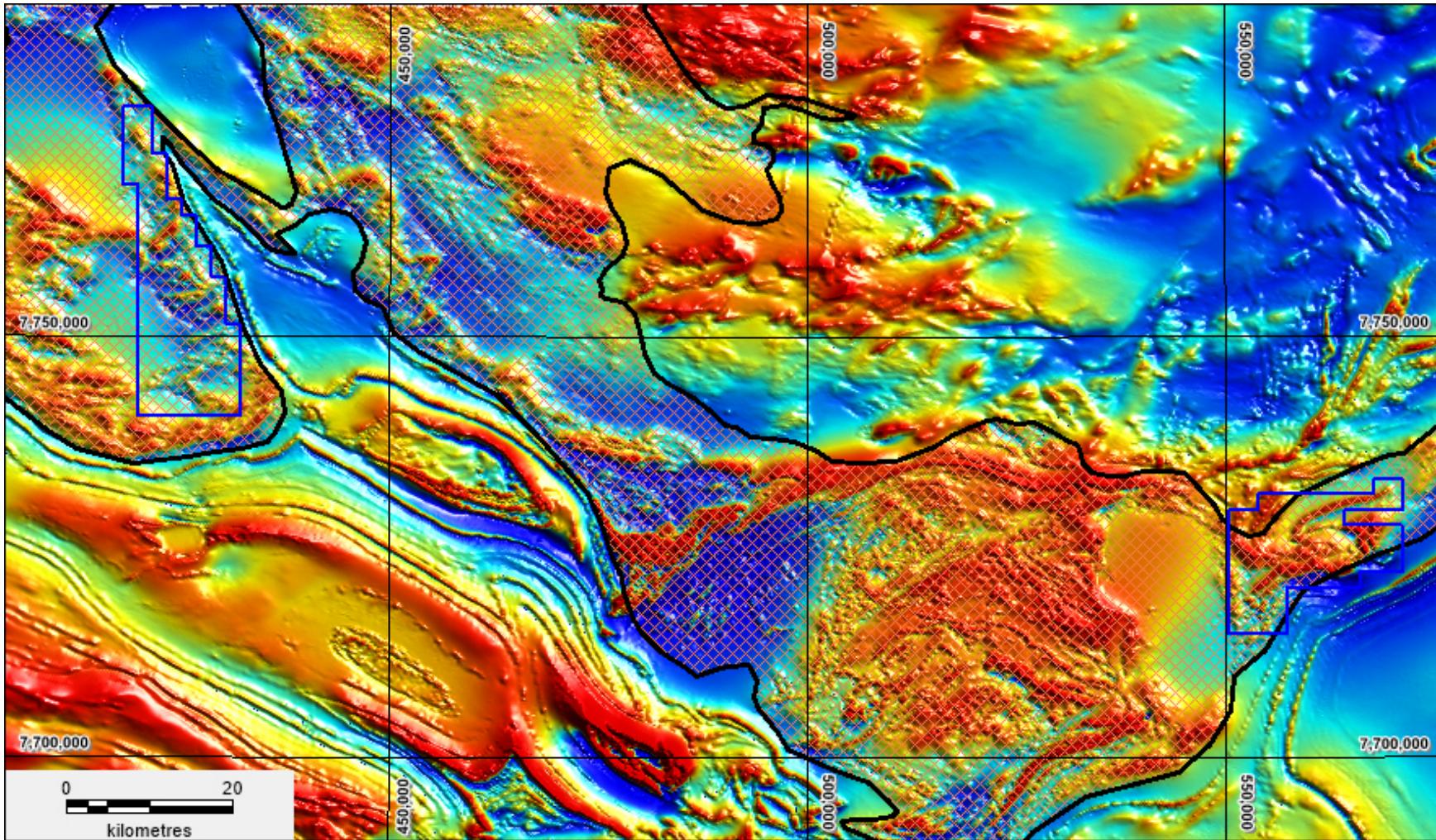
TENNANT CREEK INTERPRETED GEOLOGY



Warramunga Province in Orange and Mineral occurrences as red dots

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TENNANT CREEK MAGNETICS



Magnetic Image showing the projects and the Warramunga Province hatched

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TENNANT CREEK PROJECT– 2022

Overview of Proposed Exploration Plan



Kovac (Application - when granted in 2022)

- Ground magnetics and gravity survey across the tenement
- Geological and Regolith Mapping
- Fine fraction soil sampling in selected areas in addition to rock sampling
- Shallow Aircore/RC drilling in high priority areas as defined from the exploration outlined above

Gidyea (Granted in 2021)

- Stream sampling in areas not already sampled and float mapping
- Localised Ground Magnetic and Gravity Surveys
- Geological and Regolith Mapping
- Fine fraction soil sampling in selected areas in addition to rock sampling
- Shallow Aircore/RC drilling in high priority areas as defined from the exploration outlined above

ASX Announcements



Notes Specific - ASX Announcements AGM Presentation

The following announcements were lodged with the ASX (including supporting JORC Reporting Tables) and details for each of the sections noted in this Presentation and can be found in the announcements. Note that these announcements are not the only announcements released to the ASX since the last AGM on 22 December 2020 but specific to exploration reporting. The Company confirms that it is not aware of any new information or data that materially affects the information previously reported:

- Fourth Quarter 2020 Activities Report 29th January 2021
- New Tenement Applications in Northern Territory 18th February 2021
- Application lodged for RC drilling in Yilgarn Craton 17th March 2021
- Annual Report to Shareholders 31st March 2021
- First Quarter 2021 Activities Report 29th April 2021
- Field Exploration at Halls Creek Commences 17th June 2021
- Completed field exploration at Halls Creek 2nd July 2021
- Second Quarter 2021 Activities Report 30th July 2021
- Proposed Grant of ELA 32665 Tennant Creek 18th August 2021
- Half Yearly Report and Accounts 7th September 2021
- Exploration Results for Halls Creek 8th September 2021
- Third Quarter 2021 Activities Report 29th October 2021

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