

## WESTERN AUSTRALIA

### Halls Creek – Gold/Cobalt/Copper/Nickel Projects -

### Black and Glidden E 80/5112, Carrington E80/5113, Sandy Creek E80/5114 and Wild Dog E80/5115

*Held 100% by wholly owned subsidiary Kaili Iron Pty Ltd.*

### Location: Near Halls Creek in Lamboo Province

Region	Tenement Number	Tenement Name	Target Commodity	Grant Date	Renewed in 2023 Expiry Date	Area (km <sup>2</sup> )
Lamboo Province	E80/5112	Black and Glidden	Gold/Cobalt	31/08/2018	31/08/2028	102.4
Lamboo Province	E80/5113	Carrington	Gold/Cobalt	31/08/2018	31/08/2028	51.2
Lamboo Province	E80/5114	Sandy Creek	Gold/Cobalt	31/08/2018	31/08/2028	64.0
Lamboo Province	E80/5115	Wild Dog	Gold/Cobalt	31/08/2018	31/08/2028	70.4

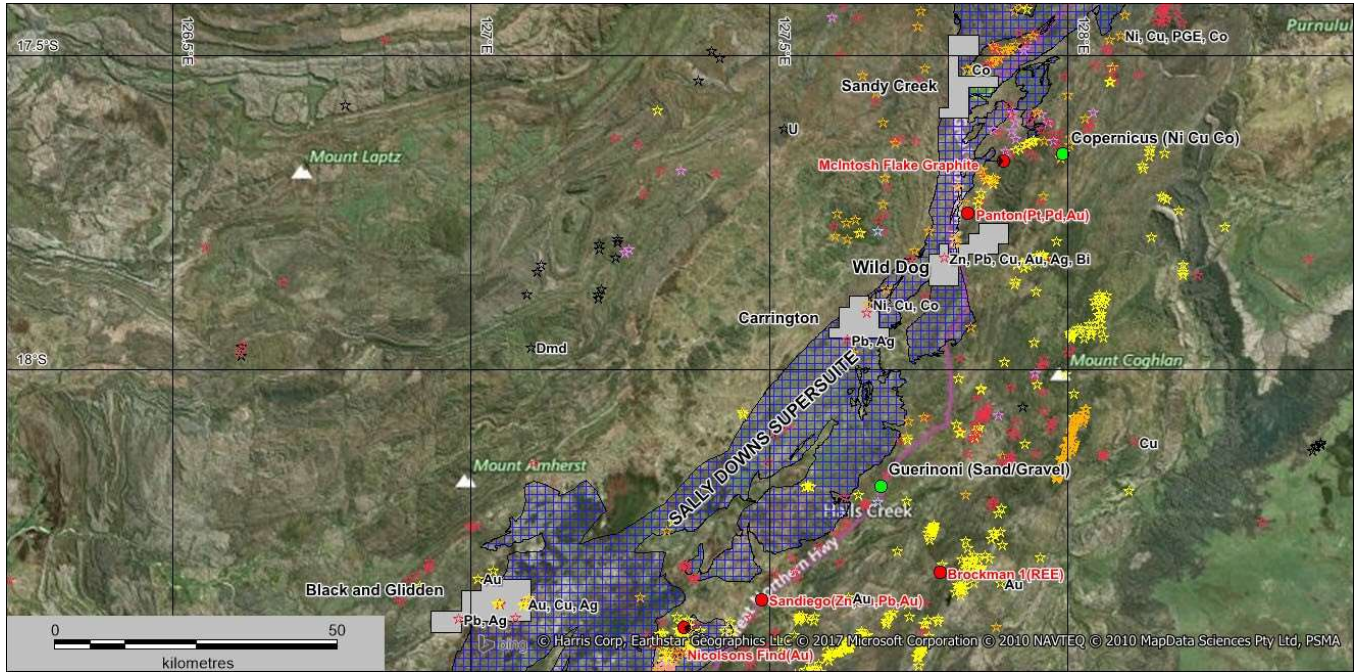
The Halls Creek Project comprises four granted tenements Black and Glidden E 80/5112, Carrington E80/5113, Sandy Creek E80/5114 and Wild Dog E80/5115 situated within the NE-SW trending Lamboo Province comprising four tectonostratigraphic terranes – Western, Central and Eastern.

The Western Terrane is postulated to be an exotic crustal fragment that was accreted to the Kimberley Craton before 1900 Ma via north-westerly directed subduction. Easterly directed subduction led to the development of an oceanic arc at c. 1865 Ma, outboard of the Kimberley Craton; this initiated the formation of the Central Zone. Eastern Zone rocks are associated with a passive continental margin linked to the North Australian Craton.

The Central Terrane comprises a broad suite of felsic to lesser mafic rocks, the Sally Downs Supersuite within which occurs a subsuite of gabbro to norite dominated rocks known as the Sally Malay and McIntosh Suites. The Sally Malay nickel-copper sulphide deposit lies at the base of a small layered intrusion enclosed within granulite facies garnet-cordierite paramigmatites and mafic granulites norite which host most of the mineralization are interpreted as a chilled border zone to the intrusion, into which settled an early separated sulphide liquid.

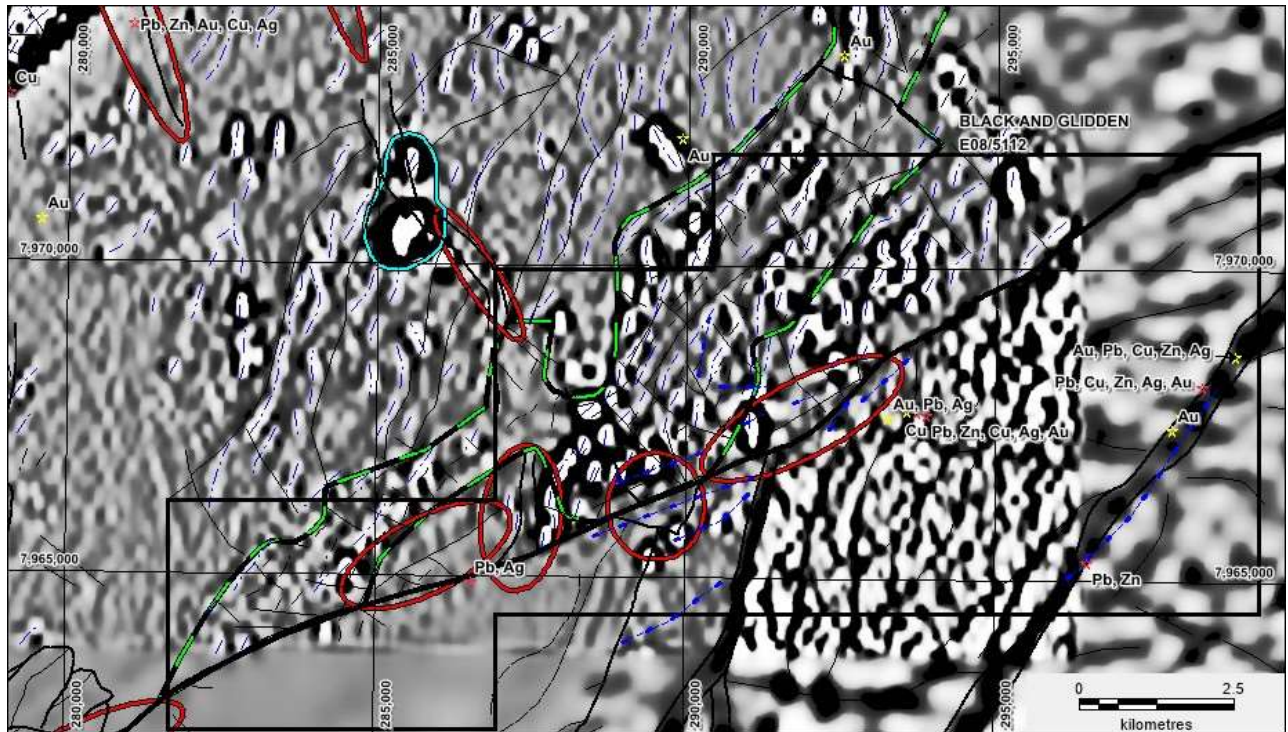
The Hall Creek Project is situated primarily within gabbro to norite rocks of the McIntosh Suite.

WA based geophysical consultancy Southern Geoscience Consultants (“SCG”) have completed the acquisition and processing of all available airborne magnetic, radiometric, gravity and electromagnetic data covering the 4 tenements and have provided lithostructural interpretations and targeting maps and digital data. In addition, targets have been generated for field follow up. Sydney based company Earth-AI has used an Artificial Intelligence approach to merge all publicly available geochemical, geological and geophysical data to generate targets for fields follow up.



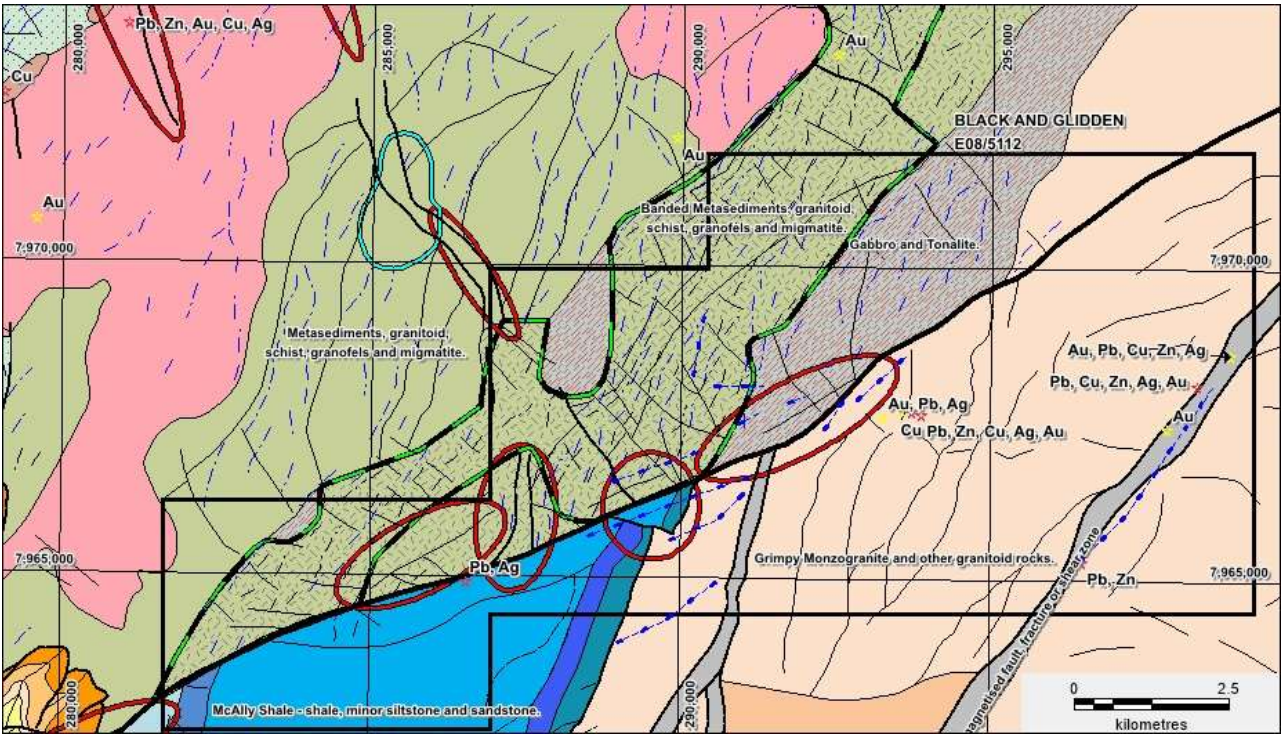
*Halls Creek Project showing the 4 tenements located in the vicinity of Hall Creek*

**Black and Glidden E08/5112**



*Black and Glidden tenement showing 2VD aeromagnetics, structures and targets*





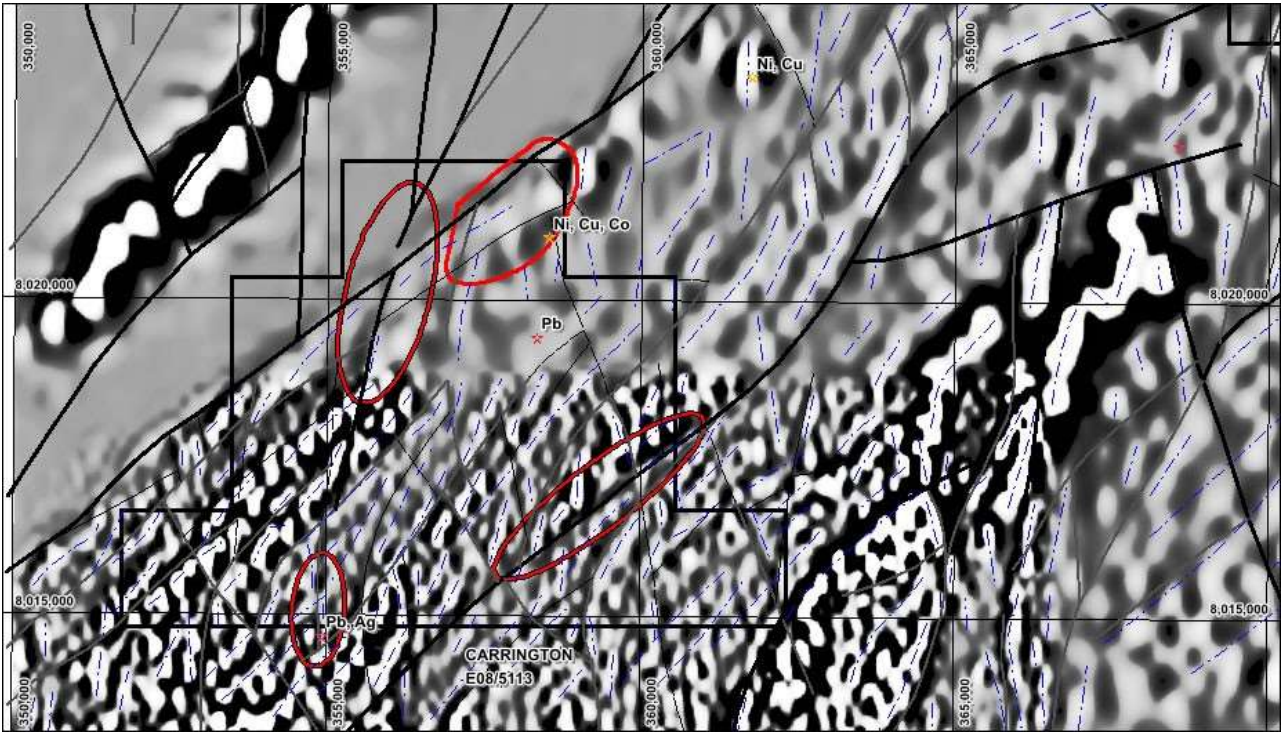
***Black and Glidden tenement showing interpreted geology, structures and targets***

The Black and Glidden tenement is located 100 km west of Halls Creek with the dominant structure being the NE/SW trending Black and Glidden fault which forms a linear topographic feature to the south of the abandoned Mt Amhurst station. A small amount of Pb (lead) and Ag (silver) was mined from the Black and Glidden mine in the SW of the tenement with a report indicating the mineralisation was associated with a surface gossan. Elevated gold results were obtained from granite hosted quartz veins in the SE of the tenement associated with NE/SW trending shear zones. Several target zones have been delineated as shown in the Figures above with the main focus being structurally hosted Au mineralisation. There has been no historical drill testing of the Black and Glidden tenement.

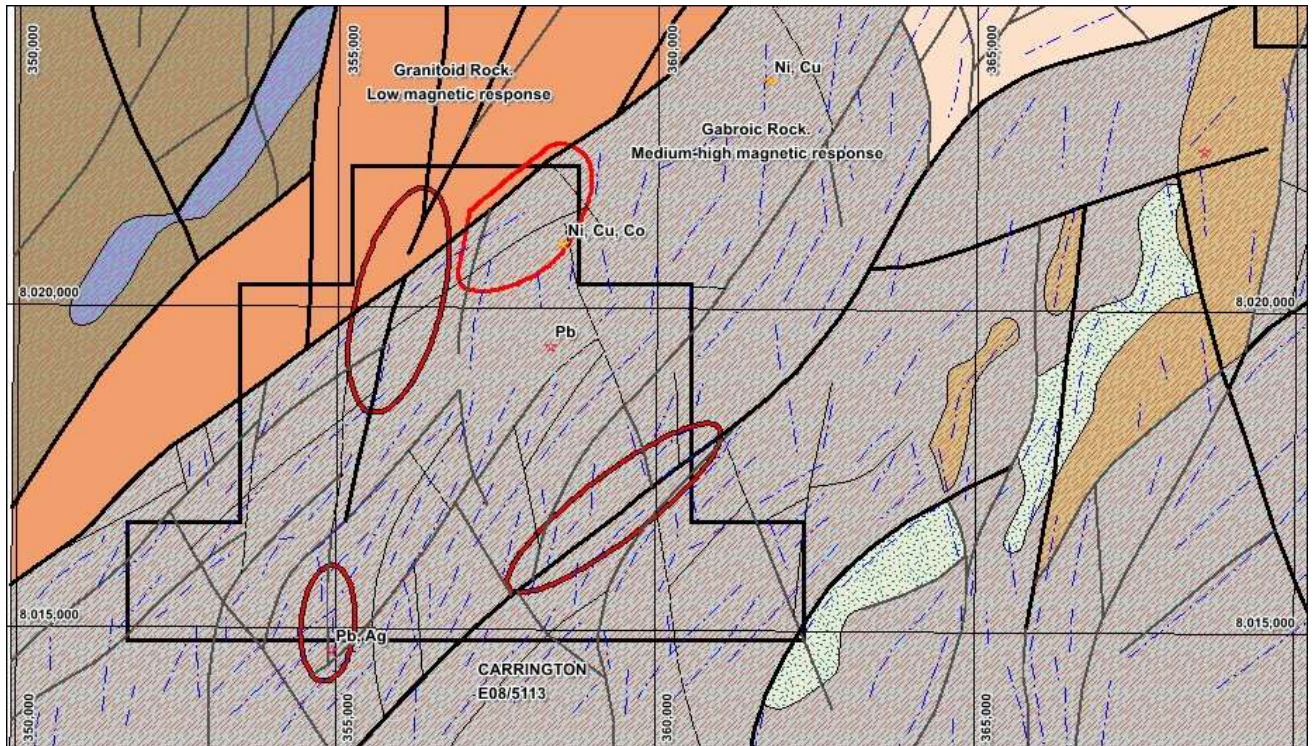
### **Carrington E08/5113**

The Carrington tenement as shown in Figures below comprises primarily the McIntosh gabbro/norite which is the main Co/Ni (Cobalt/Nickel) target in addition to other structural gold/base metal targets delineated by SCG. An historical Ni (nickel) Cu (copper) Co (cobalt) mineral occurrence is located in the north of the tenement and is associated with a discrete ElectroMagnetic (EM) conductor as shown in Figure below.



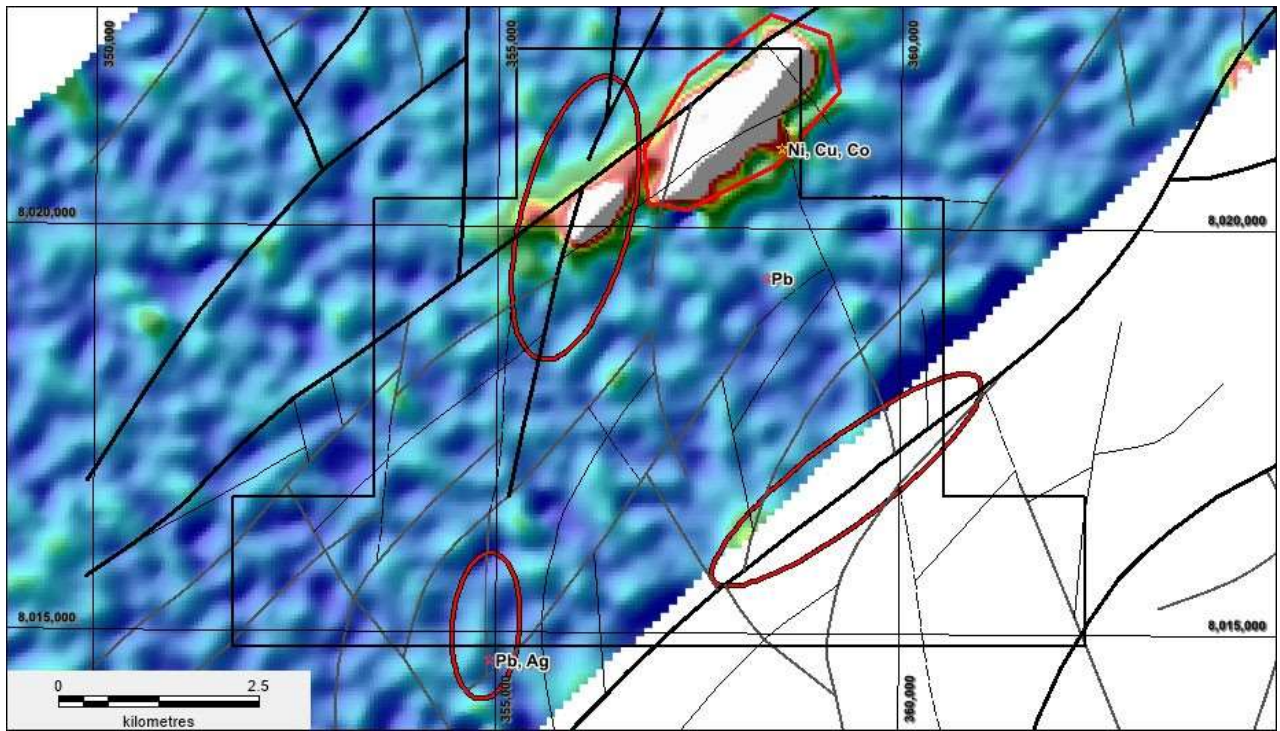


*Black and Glidden tenement showing 2VD aeromagnetics, structures and targets*



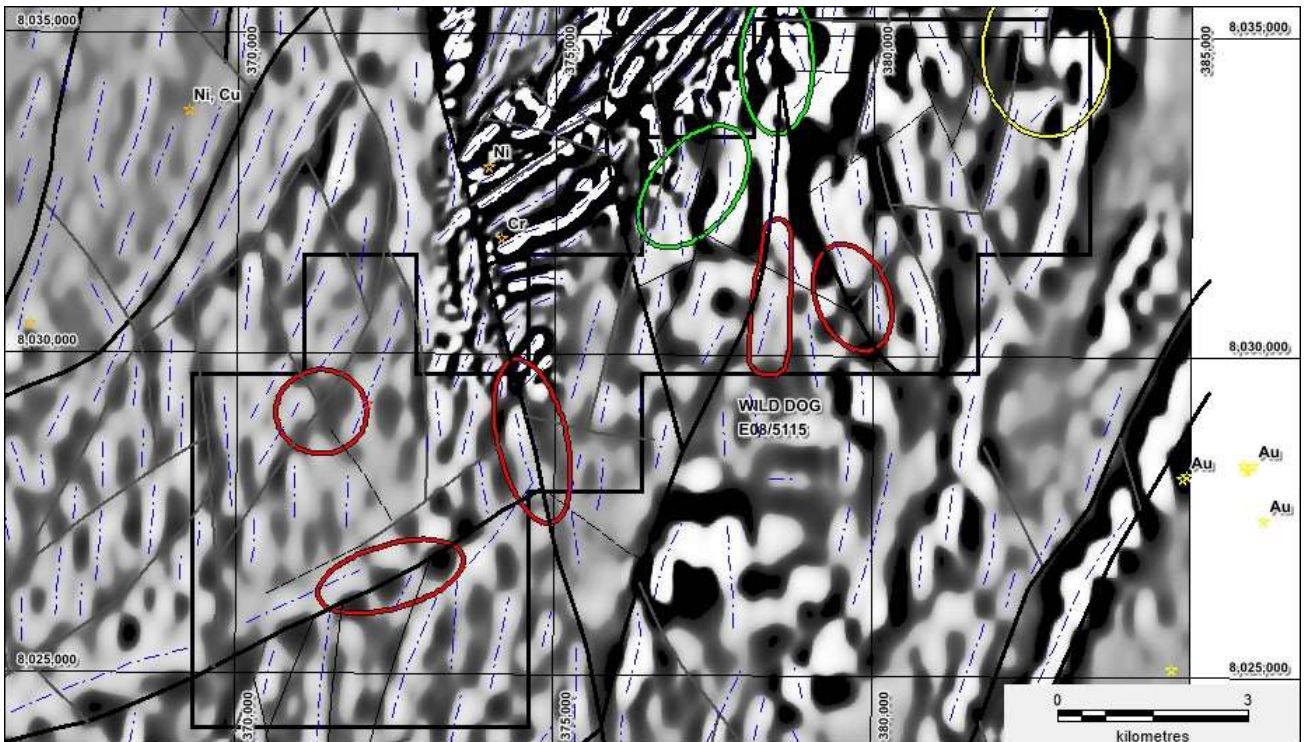
*Black and Glidden tenement showing interpreted geology, structures and targets*





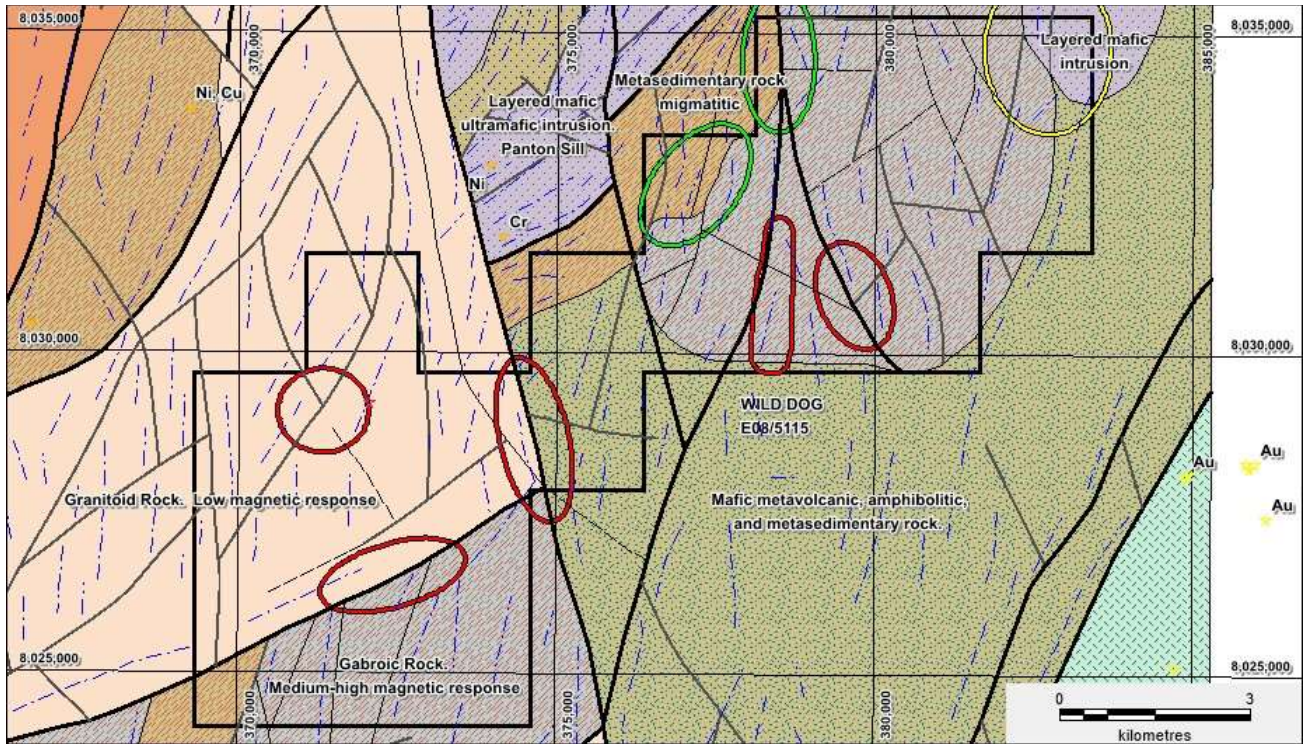
*Carrington tenement showing airborne EM image and conductive feature in the north*

**Wild Dog E08/5114/Sandy Creek E08/5115**

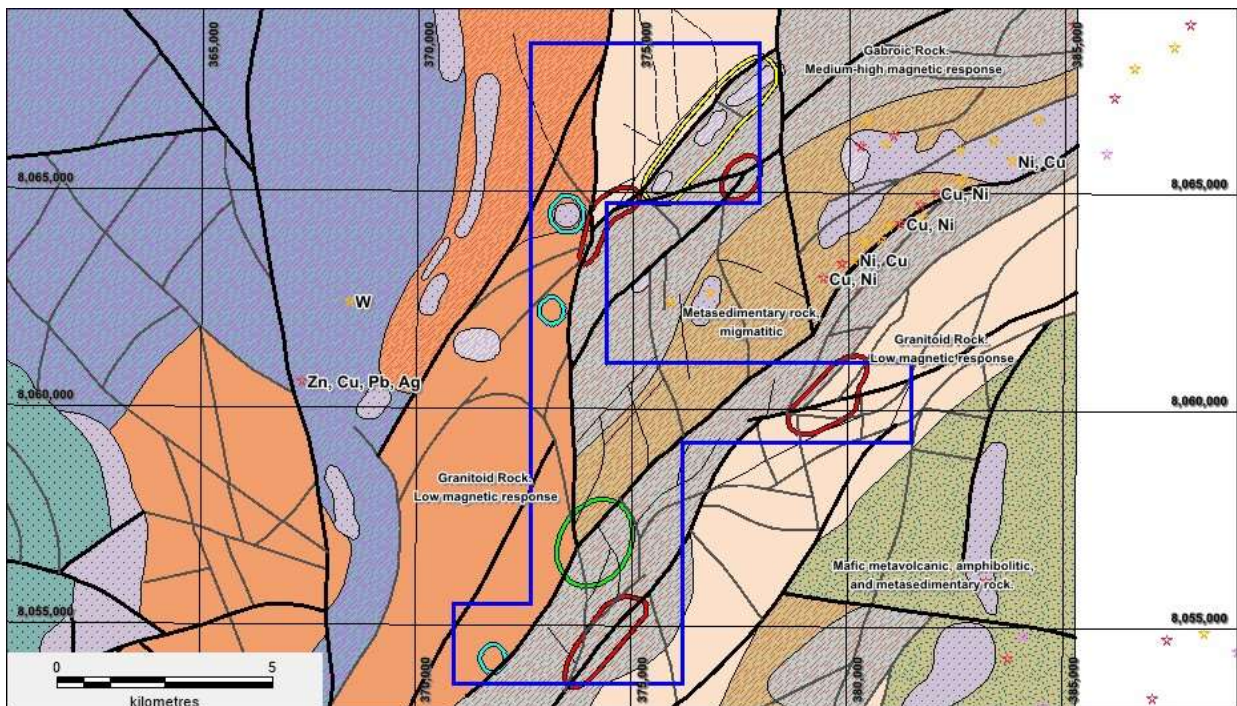


*Wild Dog tenement showing 2VD aeromagnetics and target areas*





**Wild Dog tenement showing interpreted solid geology, structures and target areas**



**Sandy Creek tenement showing interpreted solid geology, structures and target area**



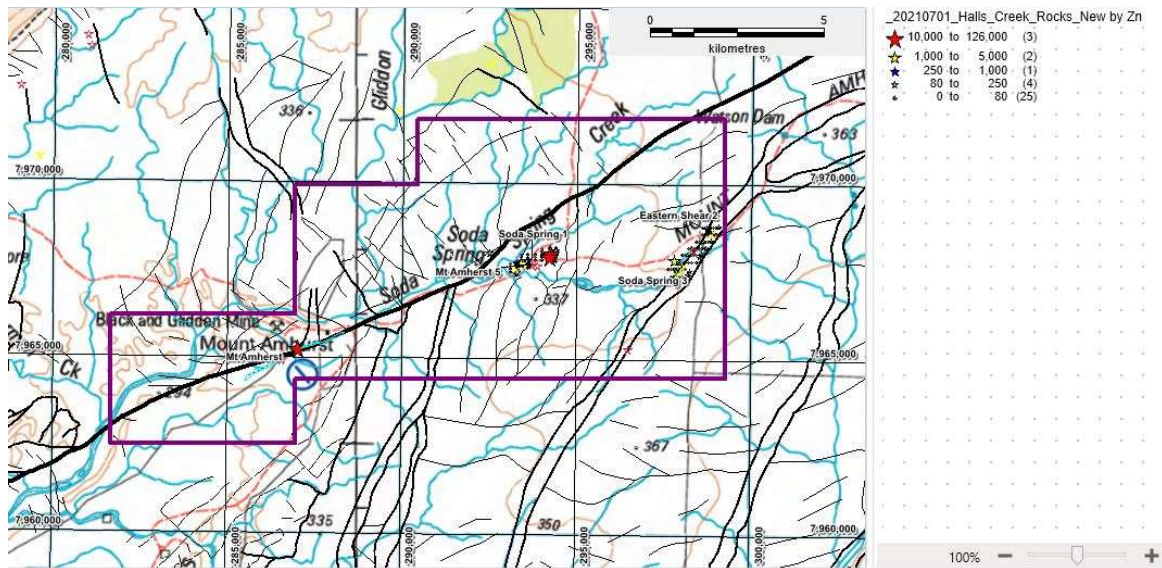
The Wild Dog and Sandy Creek tenements shown in Figures above are structurally complex and comprise layered mafic/ultramafic intrusions and McIntosh gabbro/norite in the north and south of the tenement. A series of Cu and Ni workings are aligned NE/SW to the north of the Sandy Creek with the same lithostructural contact extending into the Sandy Creek tenement and associated with a linear EM conductor.

Field activities may only be carried out at Halls Creek during the annual dry season, usually April to October, in that northern part of Western Australia.

In June 2021, geochemical soil sampling was conducted in a series of E-W traverses across the target areas with samples collected every 50 m along the sampling lines. The samples were initially scanned using the Company’s Olympus Delta then despatched to the ALS laboratory in Perth for assay. A total of 454 soil samples and 35 rock samples were collected across all four tenements, Black and Glidden E08/5112, Carrington E08/5113, Sandy Creek E08/5114 and Wild Dog E08/5115.

Summary of rock results, Figures and photos from the field sampling:

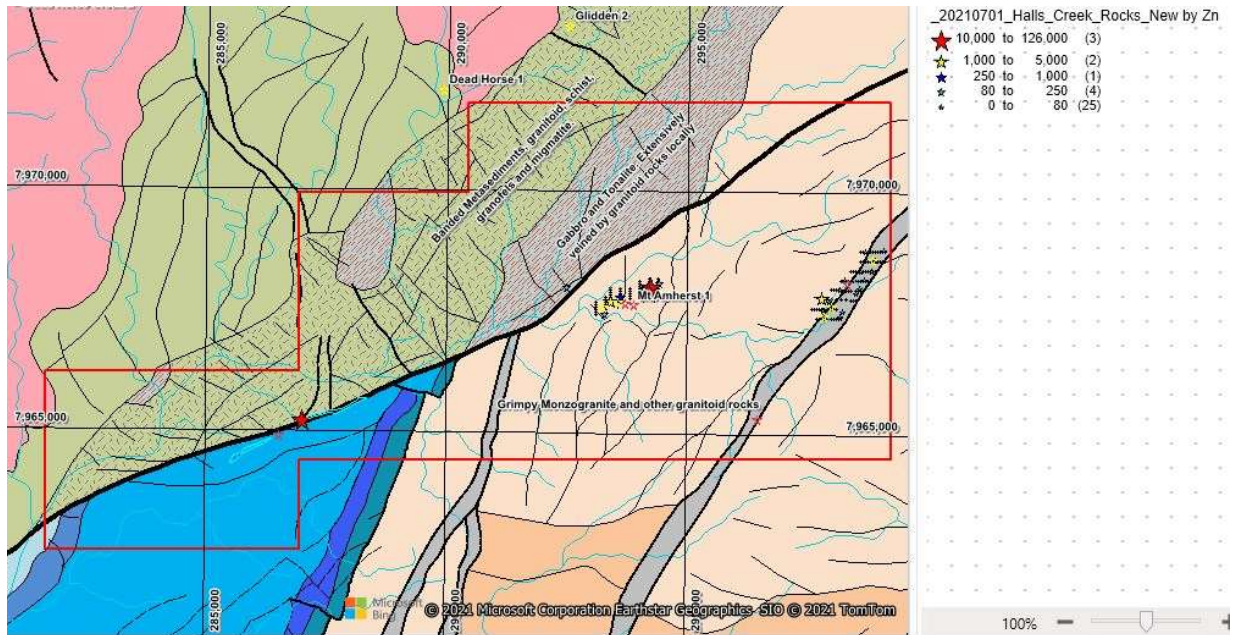
Au to 2.78g/t Pb to 9.93% Zn to 12.6% Cu to 0.82% and Ag to 171g/t mainly from the Black and Glidden tenement.



**Black and Glidden: Soil Grids(Yellow)**

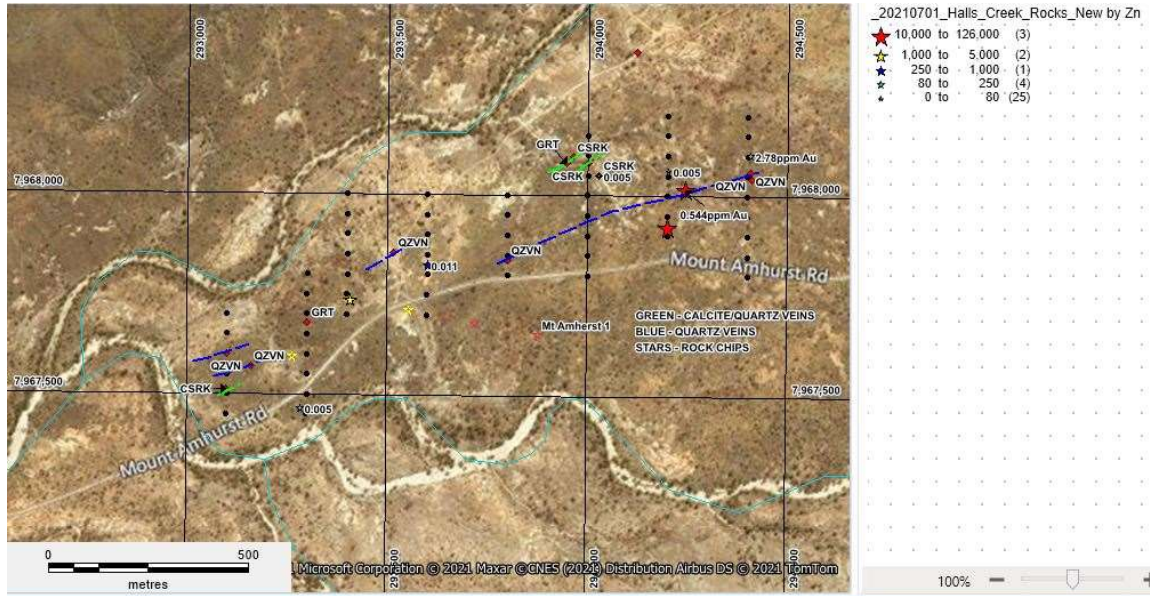


**Black and Glidden: Quartz Veined Granite / Linear Quartz Vein / Gossanous Quartz Vein (Highest Cu,Pb,Zn results)**

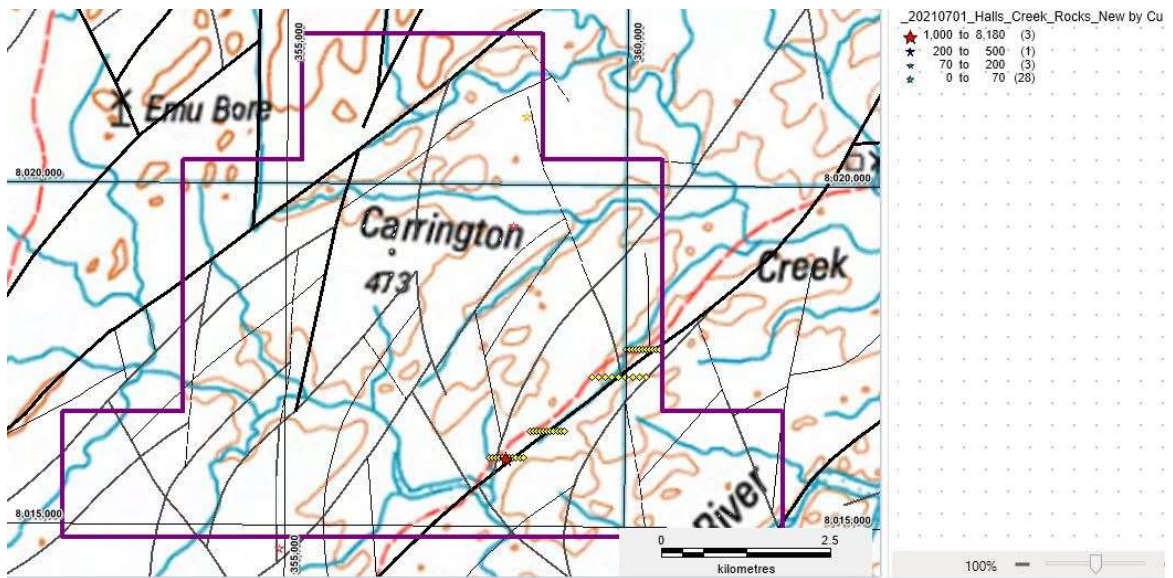


**Black and Glidden: Interpreted Geology and Structure**





**Black and Glidden: Western soil grid showing distribution of quartz and calcite veining in the Grumpy Monzogranite**

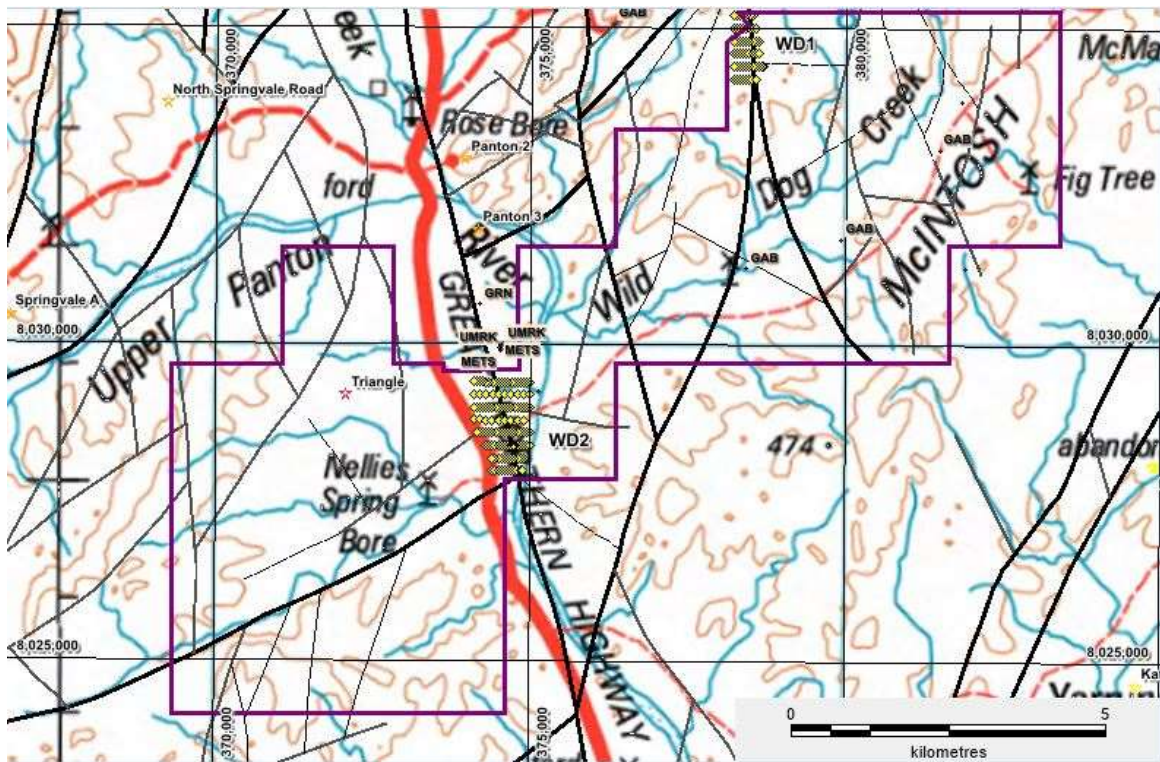


**Carrington: Soil Grids (Yellow) and structures in black**



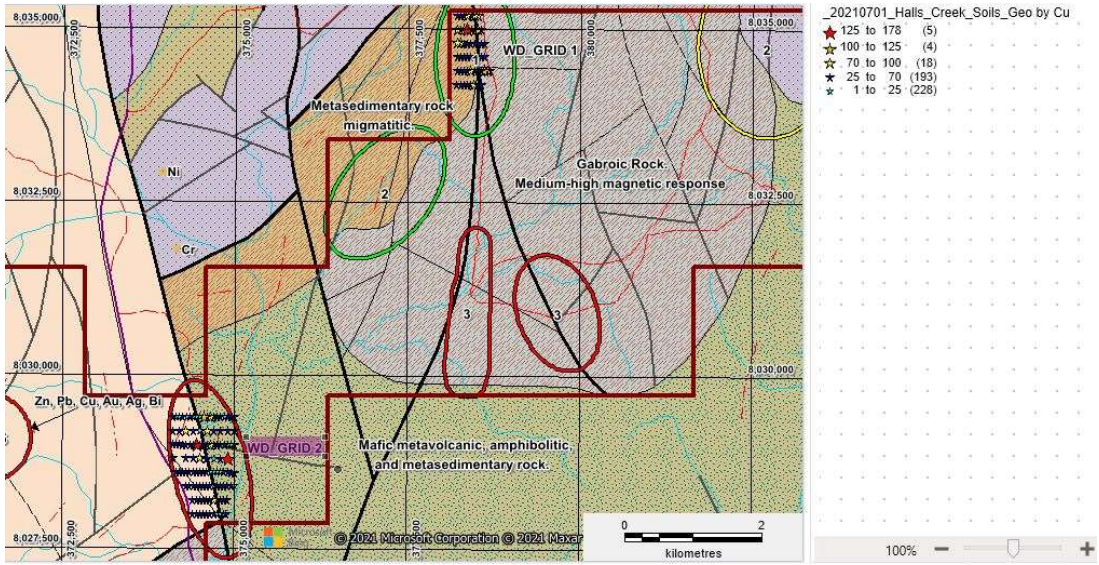


**Carrington: Gossanous vein quartz L and coarse grained granite with a boudin of mafic schist**

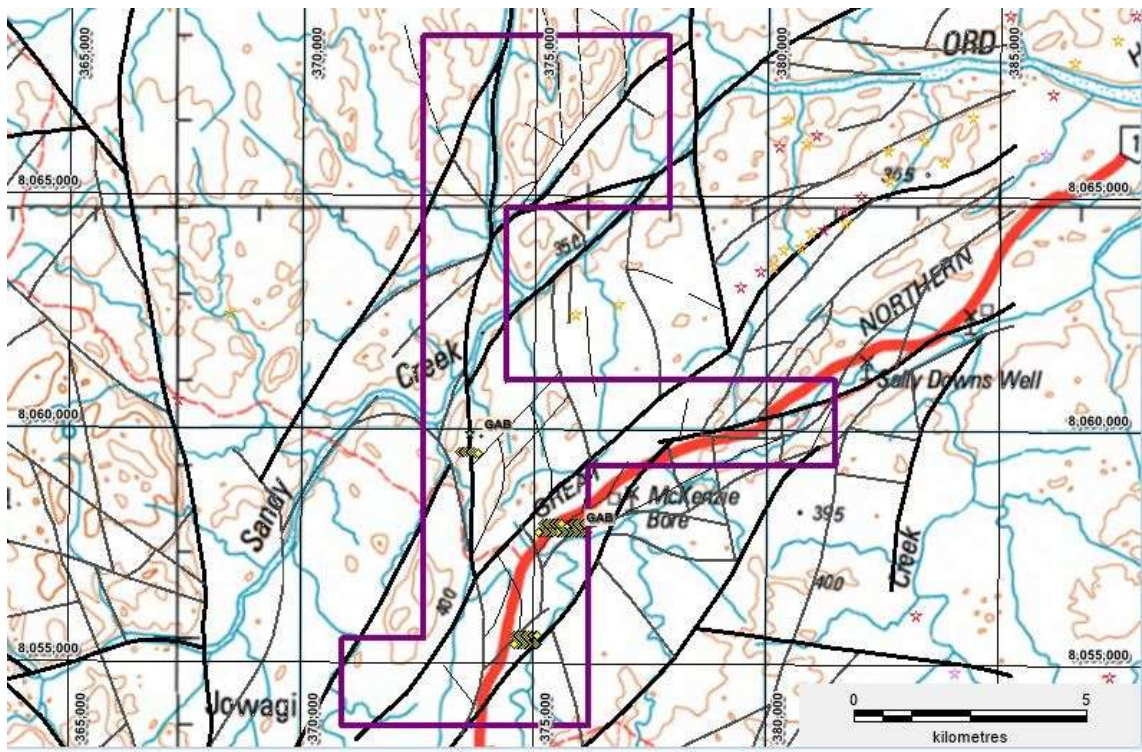


**Wild Dog: Soil Grids(Yellow)**



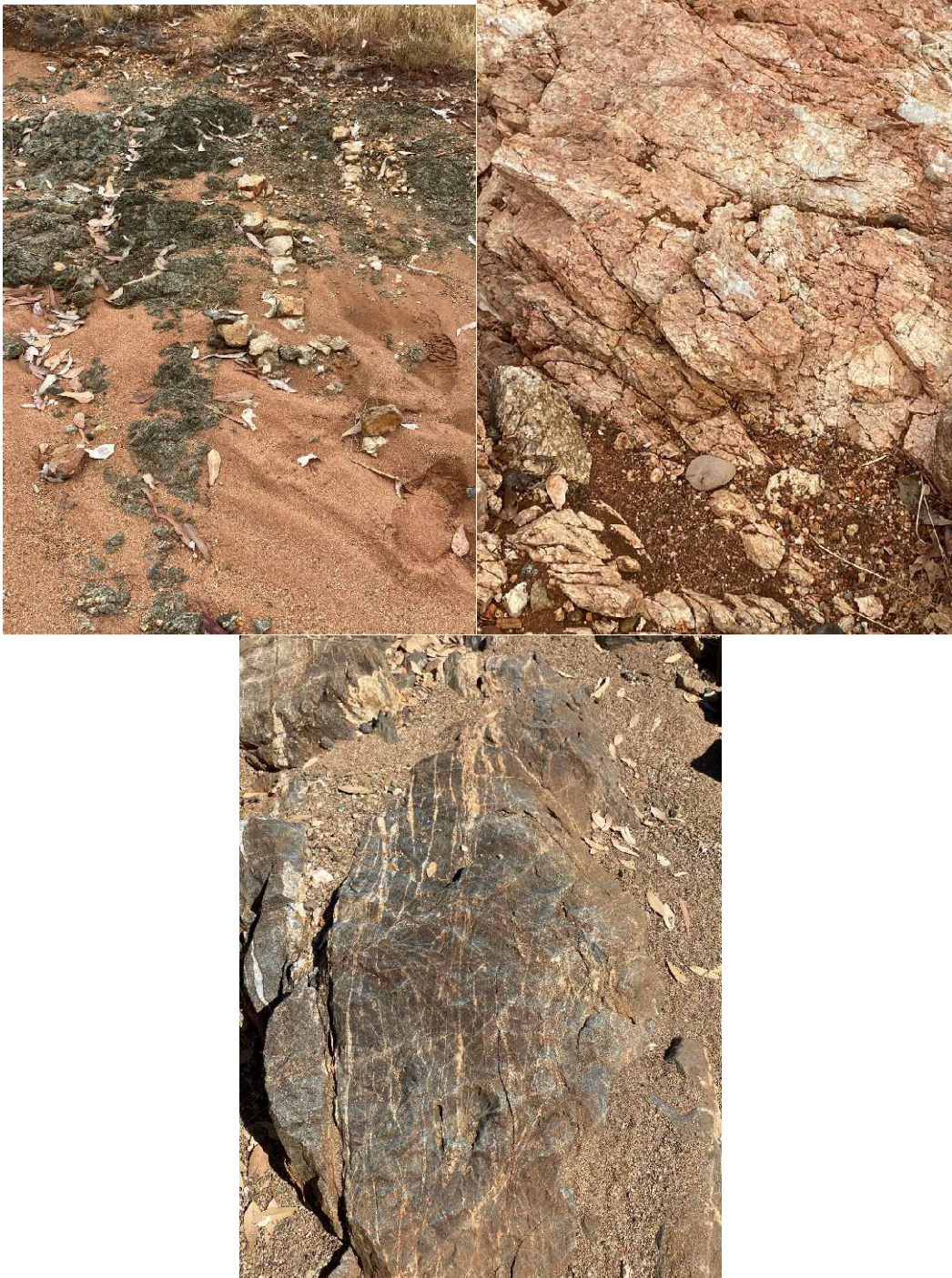


**Wild Dog: Cu ppm in Soils**



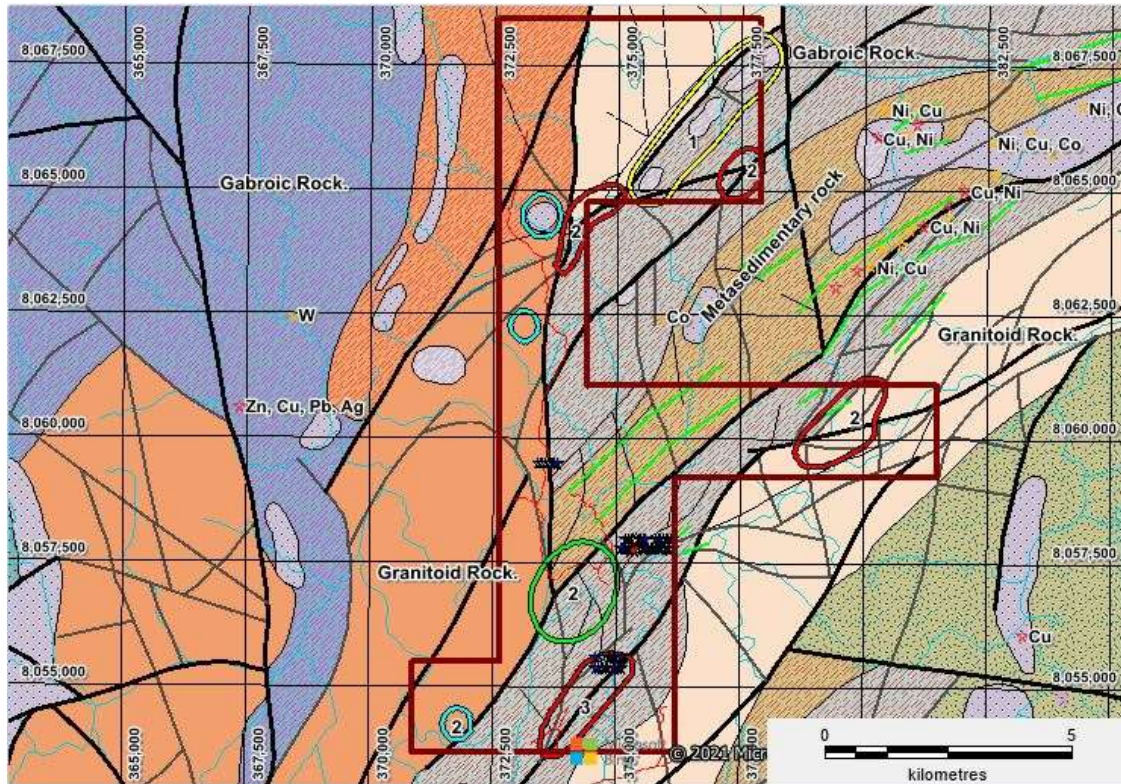
**Sandy Creek: Soil grids(Yellow)**





***Sandy Creek: Abundant quartz veining in gabbro. Central photo showing potassic alteration of a felsic intrusive***

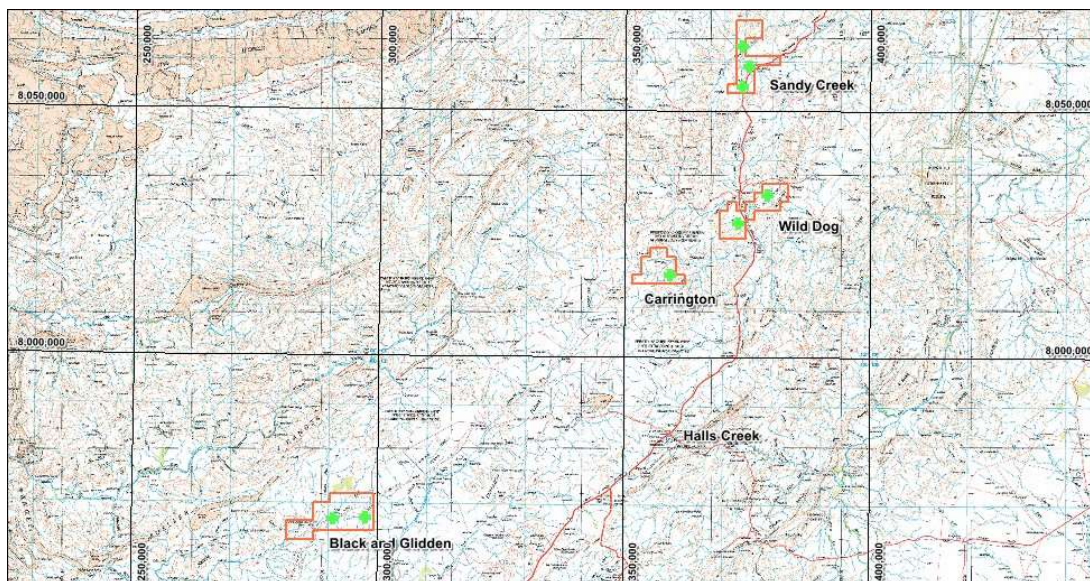




**Sandy Creek: Target areas and soil sampling grids**

A follow up field exploration to be conducted will comprise helicopter supported surficial geochemical sampling and geological mapping of the 4 Halls Creek tenements as shown in Figure below.

Discussions on proposed work programs with the Kimberly Land Council and Native Title Groups have to be concluded before the next field exploration program may commence.



**Halls Creek Project showing the soil sampling grids in green.**



**Future Exploration Activities:**

Conduct the geochemical sampling within the targets upon approval of Traditional Owners for access to the grounds