

28 October 2015

## Quarterly Report September 2015

### Ilgarari Copper Project

The Ilgarari project contains a copper oxide resource (JORC 2004) estimated to be 1,100,000 tonnes averaging 1.9% Cu. The resource is located over the historic Ilgarari copper mine workings.

Although the Company has completed a number of drilling programs over the copper workings, little exploration has been undertaken along strike from the mine workings. In 2014 the Company drilled three diamond holes to test for development of sulphide mineralisation in the Ilgarari fault at depth. Two of the holes recorded intersections of chalcopyrite mineralisation. Diamond hole, DD14IL175 was collared to intersect the fault below the copper workings and DD14IL014 was collared to intersect the junction of the Ilgarari fault and the cross cutting Mt Vernon four kilometres to the north east of the workings.

The discovery of copper mineralisation in DD14IL014 has opened up the potential for a significant copper target. After considering a number of exploration programs aimed at exploring this area the Company is preparing to undertake a re-interpretation of previous air mag and geophysical programs aimed at refining the target zone. Following this review the Company will progress with further on ground programs aimed at testing the fault.

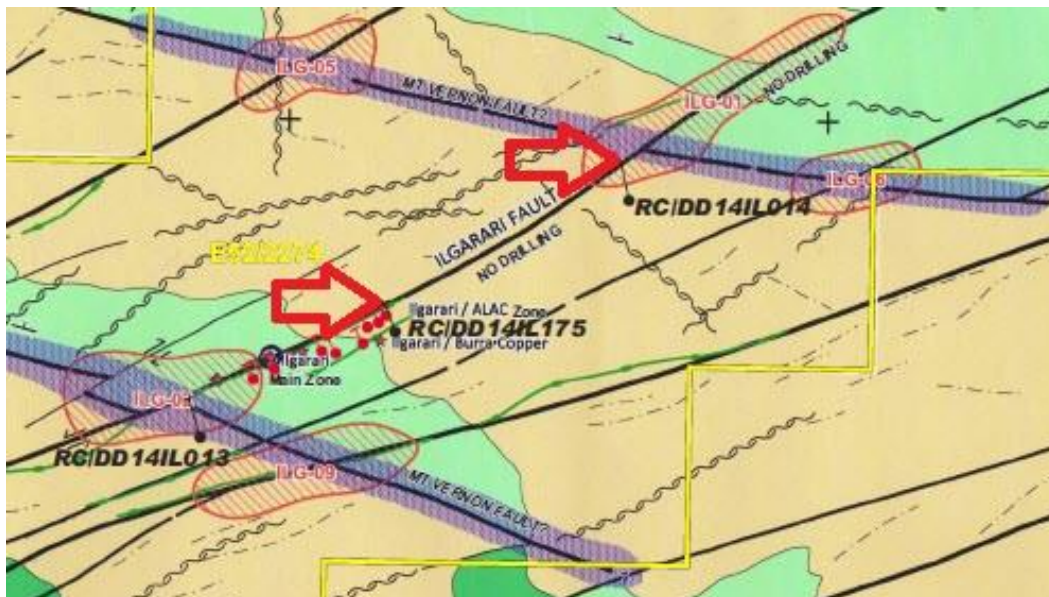


Figure 1 – Ilgarari Copper Project plan showing the 4 kilometre untested secondary copper target between the arrows

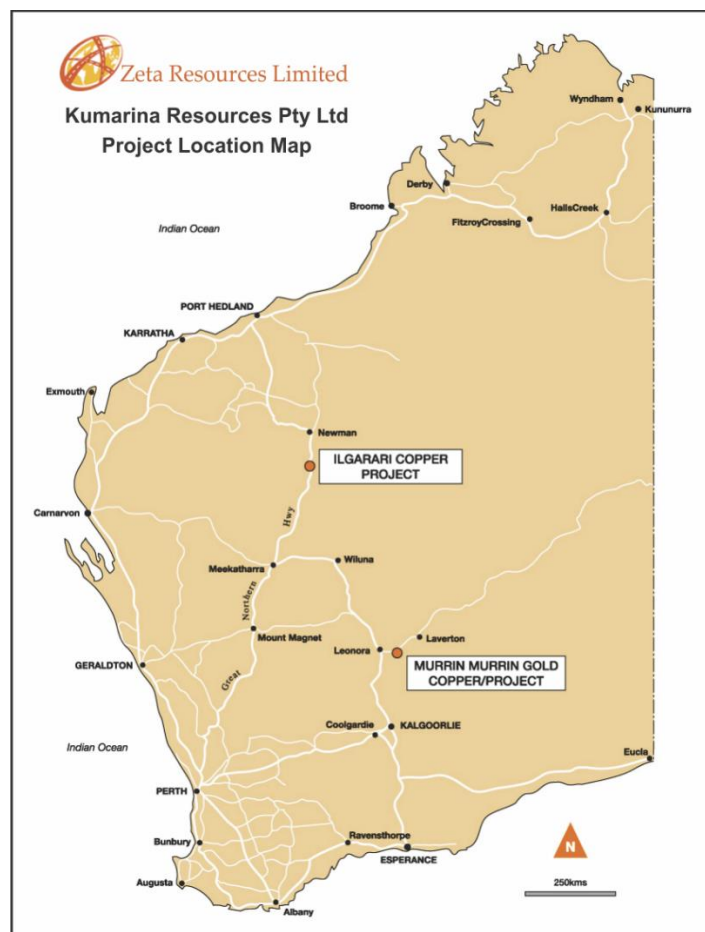


Figure 2 – Kumarina Resources Pty Ltd Project Location Map

### Murrin Murrin Gold Copper Project

During the reporting period the Company completed a solid geology interpretation of the Murrin Murrin project area based on detailed aeromagnetics and radiometrics.

The work has identified potential extensions of the volcano-sedimentary packages hosting the VMS mineralisation at the Nangeroo Cu- Zn workings. In addition to the five potential base metals targets, eight gold exploration targets have been defined across the tenement package. (Refer figure 3)

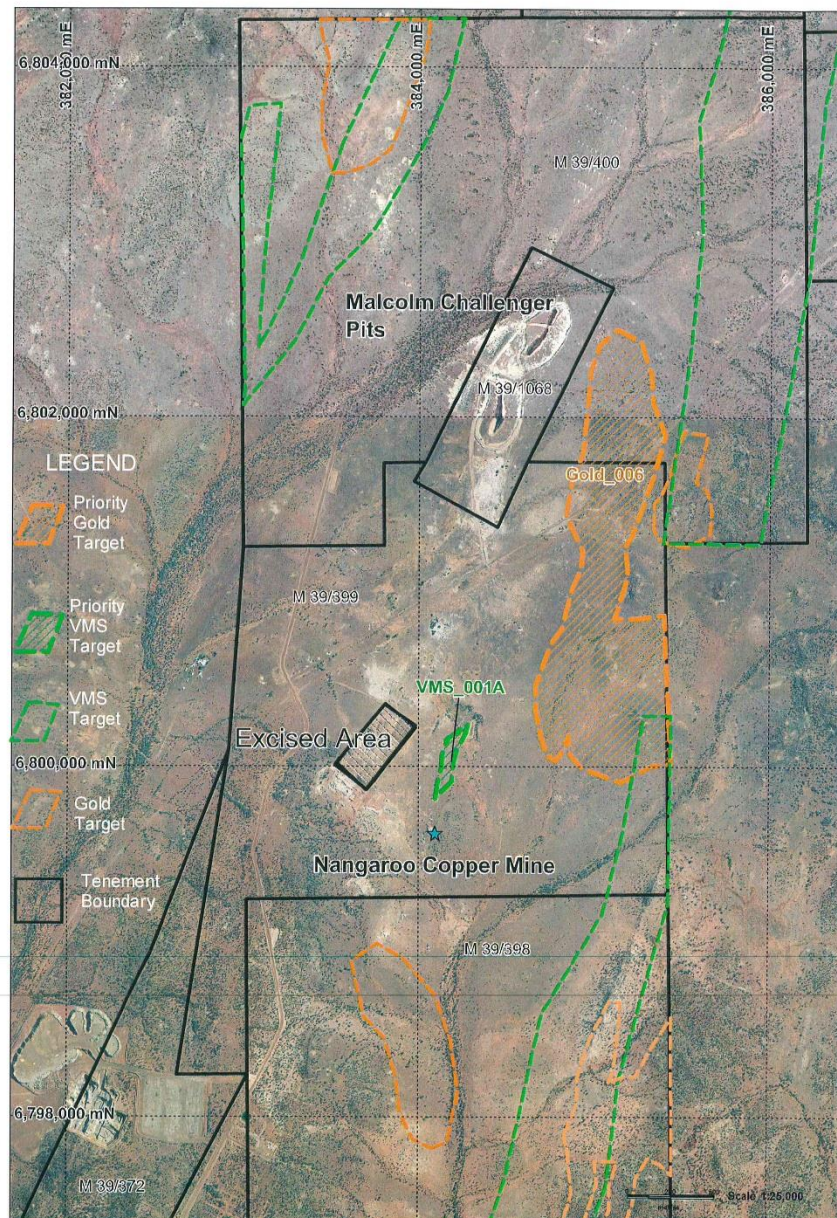
At Nangeroo, a prominent magnetic feature interpreted as a mafic intrusive is developed in the footwall to the Cu / Zn mineralisation. The sill is offset by a series of faults, near coincident with similar structures suggested in the ground TEM data. Importantly these structures appear to offset the conductor, suggesting an offset target (VMS\_001A) is developed to the north and east of the main shoot and has not been drill tested.

Five packages of potential host stratigraphy are outlined within the tenement area, the largest package is located to the east of Nangeroo extending almost the entire strike of the project area and is considered to containing similar stratigraphic units and is thought to be a thrust repeat of the Nangeroo package.

Eight gold targets have been identified at the project with target T006 is considered the highest priority target. This target comprises a syenite body emplaced into mafic intrusives (gabbro) along a major thrust, with demagnetised bodies of gabbro along strike (refer figure 3). The target area has no recorded drilling and has been extensively worked for alluvial gold.

The report has identified that further work is warranted and has outlined a staged program to be completed to advance the potential for further discoveries for gold and VMS mineralisation within the tenement package. The work program that includes multi element surface geochemistry, targeted ground TEM and follow up drilling is now being considered by the Company.





**Figure 3- Priority targets identified from solid geology reinterpretation. VMS001A to the north of Nangeroo indicates a potential offset of the Nangeroo lode, as indicated in ground TEM data. Gold Target 006 comprises syenite body emplaced into mafic intrusives (gabbro) along a major thrust.**

### **Competent Persons Statement**

*The information in this report as it relates to exploration results and geology has been compiled by Dr Bryan Smith (Member Australasian Institute of Mining and Metallurgy) who is a self-employed consultant Dr Smith has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he has undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Dr Smith consents to the inclusion in the report of the matters based on information provided in the form and context in which it appears.*

*The resource estimate in this document has been made by Simon Coxhell (Member Australasian Institute of Mining and Metallurgy) who is a consultant employed by Cox Rocks Pty Ltd. Mr Coxhell has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he has undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Mr Coxhell consents to the inclusion in the report of the matters based on information provided in the form and context in which it appears.*

## Kumarina Tenement Schedule

Project	Number	Ownership
Ilgarari	E52/2274	100%
Eulaminna	M39/0371	Gold & Base Rights
Eulaminna	M39/0372	Gold & Base Rights
Murrin Murrin	M39/0397	100%
Murrin Murrin	M39/0398	100%
Murrin Murrin	M39/0399	100%
Murrin Murrin	M39/0400	100%
Murrin Murrin	M39/1068	100%
Murrin Murrin	P39/5230	100%
Murrin Murrin	P39/5231	100%
Murrin Murrin	P39/5232	100%
Murrin Murrin	P39/5233	100%
Murrin Murrin	P39/5234	100%
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Murrin Murrin	P39/5237	100%
Murrin Murrin	P39/5238	100%