



LEGEND

- EL26206 tenement boundary
33 blocks
- Area covered by
2013 ground gravity survey
- Faults
mapped & inferred
- Zinc geochemical anomalies
> 50ppm Zn
- Potential new targets
Identified from exploration model

Mt Marumba Geology - 1 : 250,000

<ul style="list-style-type: none"> Qa Quaternary unconsolidated material Gravel, sand, silt & clay - channel & floodplain Cz Cenozoic materials Gravel, sand & silt - residual soil deposits Czl Cenozoic materials Ferricrete & pisolitic laterite, ferruginous soils Czl/K Cenozoic materials Ferricrete & laterite over Cretaceous sandstone Czl/Prut Cenozoic materials Gravel, sand & silt over Mountain Valley Lst Czl/Pri Cenozoic materials Gravel, sand & silt over Limmen Sandstone Czl/Poo Cenozoic materials Gravel, sand & silt over Dook Creek Formation K Cretaceous Sandstone fine to coarse sst with fossil wood & root moulds 	<ul style="list-style-type: none"> Pdd Derim Derim Dolerite Fine to coarse-grained dolerite - sills and dykes Prr Crawford Formation fine-grained micaceous & glauconitic sst; mudstone & siltstone Pru Mainoru Formation - undifferentiated Calcareous mudstone; glauconitic & micaceous siltstone & sst; limestone Pru Mainoru Fmn - Showell Member Laminated calcareous & siliciclastic mudstone; laminated limestone Pruw Mainoru Fmn - Wooden Duck Member Laminated mudstone, siltstone & micaceous glauconitic sst; minor limestone Pru Mainoru Fmn - Mountain Valley Limestone Interbedded green mudstone with intraclast-rich, crystalline limestone/dolostone Pri Limmen Sandstone Pebble-rich quartz sandstone overlain by fine-med quartz sandstone Poo Mount Rigg Group - Dook Creek Formation Dololite, dolomitic siltstone & sandstone, stromatolitic and oolitic dolostone
---	---

MERLIN DIAMONDS LIMITED
A.B.N. 86 009 153 119

COMPILED GMI Rockett	TITLE ARNHEM LAND PROJECT EL26206 MAINORU PROSPECT
DRAWN GMI Rockett	Local Geology Map
DATE Apr-2015	
SCALE 1 : 75,000	

FIGURE
Map 4: A3