



NORTHERN / CENTRAL ARUNTA

Pzw Wiso Basin
 Pzn Ngalla Basin

— All faults, shears & thrusts
 — All geological contacts, including unconformities
 — Dolerite dykes
 - - - Trends lines and magnetic fabric

IGNEOUS INTRUSIONS

Felsic	Mafic
Eg3 Neoproterozoic granitoids	Emm Mordor Alkaline Complex
Eg2 Mesoproterozoic granitoids	Ema Andrew Young Hills Mafic Intrusive Complex 1640 - 1600Ma
Eg Undifferentiated granitoids, probably Palaeoproterozoic	
Eg1 Palaeoproterozoic granitoid intrusions 1945 - 1750Ma Tanami Region	

Arunta Region Supplementary Basin Sequence

Ean	Nicker Beds -1770Ma quartzite, schist, meta-siltstone, felsic volcanics & volcanoclastics
Eap	Patmungala Beds -1800Ma sandstone, siltstone, BIF felsic volcanoclastics
Ear	Reynolds Range Group siltstone, sandstone, conglomerate, basalt pelite schist, calc-rocks & quartzite
Eal (under)	Lander Rock Beds Low mag/low metamorphic grade greenschist facies: meta pelite & quartzite-dolerite silt
Eal	High mag/high metamorphic grade amphibole-granulite facies: quartzite, schist, gneiss & granofels
Ar	Undrift, Archaean Basement felsic and mafic gneiss, granite, migmatite & amphibolite

Major Commodities

Au	(1)
Barite	(1)
Cu	(33)
Fe	(2)
Fluorite	(2)
Pb	(3)
Talc	(1)
U	(4)
V	(2)
W	(7)

TANAMI GOLD NL

MT DOREEN

REGIONAL GEOLOGY and MODAT LOCATIONS Partial Relinquishments

0 5 10 20 30
 MGA Zone 52 (GD494) 1 : 250,000 kilometers

ORIGINATOR: C.Rohde
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 DRAWN: M.H.Bailey
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PLATE 2