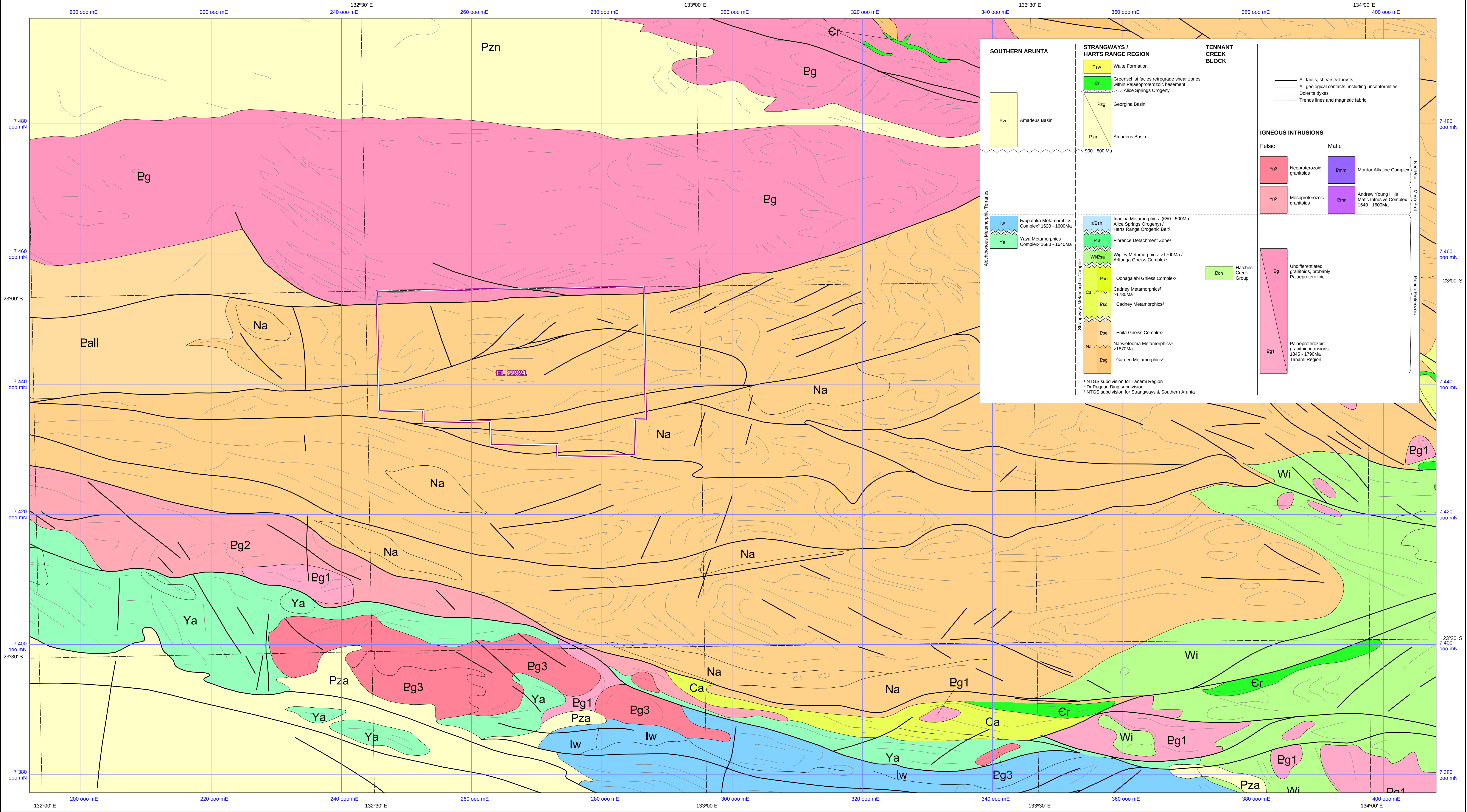




SOUTHERN ARUNTA

Pza

Amadeus Basin

Allochthonous Metamorphic Terranes

lw

Yaya Metamorphics Complex¹ 1620 - 1600Ma

Ya

Yaya Metamorphics Complex¹ 1680 - 1640Ma

STRANGWAYS / HARTS RANGE REGION

Tsw

Waite Formation

Er

Greenschist facies retrograde shear zones within Palaeoproterozoic basement
Alice Springs Orogeny

Pzg

Georgina Basin

Pza

Amadeus Basin

900 - 800 Ma

Allochthonous Metamorphic Complex

In/Esh

Iirindina Metamorphics¹ (650 - 500Ma
Alice Springs Orogeny) /
Harts Range Orogenic Belt²

Esf

Florence Detachment Zone²

Wi/Esa

Wigley Metamorphics³ >1700Ma /
Artunga Gneiss Complex²

Eso

Oonagalabi Gneiss Complex²

Ca

Cadney Metamorphics¹
>1780Ma

Esc

Cadney Metamorphics²

Ese

Enita Gneiss Complex²

Na

Narwietooma Metamorphics³
>1870Ma

Esg

Garden Metamorphics²

¹ NTGS subdivision for Tanami Region
² Dr Puquan Ding subdivision
³ NTGS subdivision for Strangways & Southern Arunta

TENNANT CREEK BLOCK

Ech

Hatches Creek Group

Eg

Undifferentiated granitoids, probably
Palaeoproterozoic

Eg1

Palaeoproterozoic
granitoid intrusions
1945 - 1700Ma
Tanami Region

Eg3

Neoproterozoic
granitoids

Eg2

Mesoproterozoic
granitoids

Ebm

Mordor Alkaline Complex

Ema

Andrew Young Hills
Mafic Intrusive Complex
1640 - 1600Ma

Neoproterozoic

Mesoproterozoic

Palaeoproterozoic

IGNEOUS INTRUSIONS

Felsic

Mafic

—

All faults, shears & thrusts

—

All geological contacts, including unconformities

—

Dolerite dykes

Trends lines and magnetic fabric

Explanatory Note:

Bedrock interpretation utilising aeromagnetics, gravity, radiometrics and Landsat imagery tied into published geological fact maps (NTGS and AGSO).

Compilation includes NTGS bedrock interpretation of Granites-Tanami region and in-house TGNL bedrock interpretations by Ding PuQuan, Deng Qi, Jayson Meyers and Tim Smith between 2000 and 2002.

TANAMI GOLD NL

BURT PLAIN

EL 22921 - TITRA
PARTIAL RELINQUISHMENT

INTERPRETED GEOLOGY

ORIGINATOR: C.Rohde

DATE: Feb 2004

DRAWN: M.H.Bailey

PLAN No: 48_Gi_003

PLATE 1