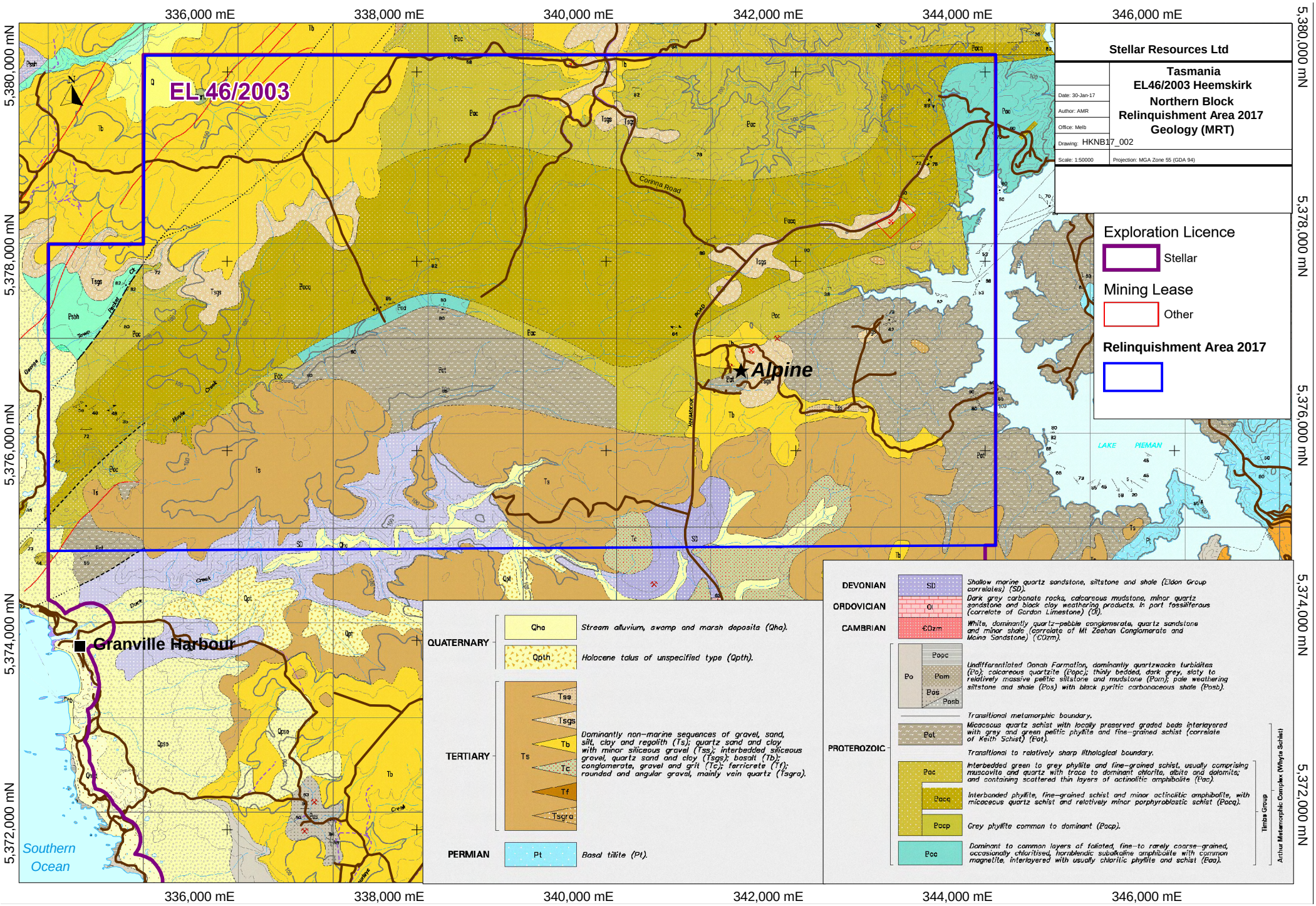
336,000 mE
338,000 mE
340,000 mE
342,000 mE
344,000 mE
346,000 mE
5,380,000 mN
5,378,000 mN
5,376,000 mN
5,374,000 mN
5,372,000 mN
EL 46/2003
Granville Harbour
Alpine
Corinna Road
LAKE PIEMAN
Southern Ocean
Stellar Resources Ltd
Tasmania
EL46/2003 Heemskirk
Northern Block
Relinquishment Area 2017
Geology (MRT)
Date: 30-Jan-17
Author: AMR
Office: Melb
Drawing: HKNB17_002
Scale: 1:50000
Projection: MGA Zone 55 (GDA 94)
Exploration Licence
Stellar
Mining Lease
Other
Relinquishment Area 2017
QUATERNARY
Qha
Stream alluvium, swamp and marsh deposits (Qha).
Qpth
Holocene talus of unspecified type (Qpth).
TERTIARY
Tss
Tsgs
Tb
Tc
Tf
Tsgra
Ts
Dominantly non-marine sequences of gravel, sand, silt, clay and regolith (Ts); quartz sand and clay with minor siliceous gravel (Tss); interbedded siliceous gravel, quartz sand and clay (Tsgs); basalt (Tb); conglomerate, gravel and grit (Tc); ferricrete (Tf); rounded and angular gravel, mainly vein quartz (Tsgra).
PERMIAN
Pt
Basal tillite (Pt).
DEVONIAN
SD
Shallow marine quartz sandstone, siltstone and shale (Eldon Group correlates) (SD).
ORDOVICIAN
Ol
Dark grey carbonate rocks, calcareous mudstone, minor quartz sandstone and black clay weathering products. In part fossiliferous (correlate of Gordon Limestone) (Ol).
CAMBRIAN
€Czm
White, dominantly quartz-pebble conglomerate, quartz sandstone and minor shale (correlate of Mt Zeehan Conglomerate and Moina Sandstone) (€Czm).
PROTEROZOIC
Po
Popc
Pom
Pos
Posb
Undifferentiated Oonah Formation, dominantly quartzwacke turbidites (Po); calcareous quartzite (Popc); thinly bedded, dark grey, slaty to relatively massive pelitic siltstone and mudstone (Pom); pale weathering siltstone and shale (Pos) with black pyritic carbonaceous shale (Posb).
Transitional metamorphic boundary.
Micaceous quartz schist with locally preserved graded beds interlayered with grey and green pelitic phyllite and fine-grained schist (correlate of Keith Schist) (Pot).
Pot
Transitional to relatively sharp lithological boundary.
Pac
Interbedded green to grey phyllite and fine-grained schist, usually comprising muscovite and quartz with trace to dominant chlorite, albite and dolomite; and containing scattered thin layers of actinolitic amphibolite (Pac).
Pacq
Interbanded phyllite, fine-grained schist and minor actinolitic amphibolite, with micaceous quartz schist and relatively minor porphyroblastic schist (Pacq).
Pacp
Grey phyllite common to dominant (Pacp).
Pca
Dominant to common layers of foliated, fine-to rarely coarse-grained, occasionally chloritised, hornblendic subalkaline amphibolite with common magnetite, interlayered with usually chloritic phyllite and schist (Pca).
Timbs Group
Arthur Metamorphic Complex (Whyte Schist)