

Regional-scale targeting for gold in the Yilgarn Craton: Part 1 of the Yilgarn Gold Exploration Targeting Atlas (GSWA Report 125)

Part 1 of the Yilgarn Gold Exploration Targeting Atlas (YETA), Regional-scale targeting of gold in the Yilgarn Craton, was released in December 2013 as GSWA Report 125. Part 1 of the YETA Project will be followed by the release of Part 2 (District-scale Targeting) and Part 3 (Deposit-scale Targeting).

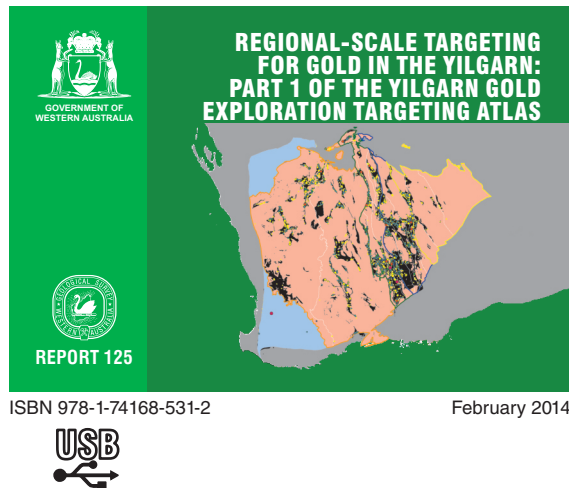
The USB contains:

- Report 125 as a PDF document. It provides results of spatial analyses relating gold endowment to 18 regional targeting criteria, and presents maps showing the results of the analyses in a spatial context.
- A digital Appendix to Report 125, consisting of a complete set of tabulated results and charts of spatial analyses, supplied as MS Excel spreadsheets
- ESRI ArcGIS shapefiles consisting of:
 - targeting criteria features
 - buffers created for proximity analyses
 - gold deposits by name and location intersected by buffers

Datasets featured:

Targeting criteria, buffers, and intersected deposits

- Terranes and domains: Gold endowment
- 1.1: Seismic tomography and tomographic edges
- 1.2: Sm–Nd isotope basement domains and gradients
- 1.3: Granite groups
- 1.4: Regional gravity lineaments
- 1.5: Aeromagnetic discontinuities
- 1.6: Greenstone thickness
- 1.7: Regional faults
- 1.8: Regional fault density
- 1.9: Regional fault intersections
- 1.10: Regional fault bends
- 1.11: Fault vergence anomalies
- 1.12: Constriction zones
- 1.13: Domes
- 1.14: Granite–greenstone contacts
- 1.15: Regional metamorphic domains and regional strain
- 1.16: Regional strain partitioning
- 1.17: Late-stage basins
- 1.18: Regional geological complexity



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