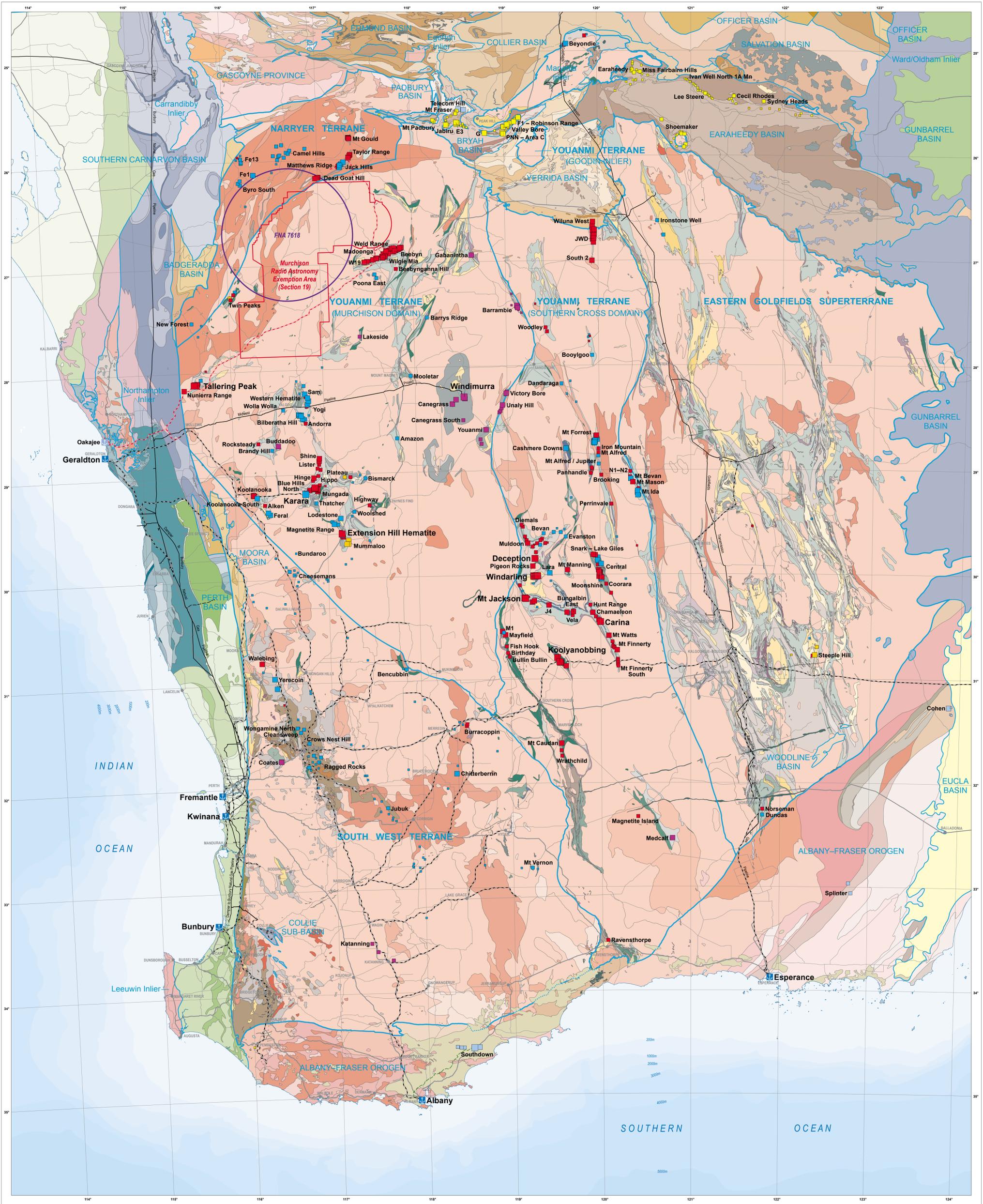


IRON ORE DEPOSITS OF THE YILGARN CRATON — 2013



SITE TYPE AND STATUS

- Windarling** Mine – operating and under development
- Moonshine** Mine – closed or proposed; deposit
- Woodley** Prospect
- Exploration target or occurrence

MINERALIZATION STYLES

- Pisolitic and limonitic riverine paleochannel mineralization or Channel Iron Deposits (CID)
- Stratabound, clastic-hosted deposits – supergene enriched
- Stratabound, clastic-hosted deposits – primary magnetite
- Supergene-enriched hematite-goethite deposits derived from banded iron-formation in granitic-greenstone terranes
- Primary banded iron-formation deposits or their metamorphosed equivalents (magmatite)
- Orthomagmatic layered mafic intrusives targeted for both iron (magnetite) and V-Ti (ilmenite)

- Tectonic boundary – Yilgarn Craton
- Tectonic boundary – Yilgarn Craton, concealed
- Tectonic boundary – other
- Port, operating
- Port, proposed
- Townsite / locality
- Highway / major road
- Road
- Railway, operating
- Railway, proposed
- Gas pipeline, operating
- Gas pipeline, proposed
- Slurry pipeline (magnetite concentrate), proposed
- Coastline
- FNA 7618: area within which radio-frequency emissions from electronic and electrical equipment must be minimized or comply with Commonwealth stipulations

DATA DIRECTORY

Theme	Data Currency	Organization
Iron ore sites (IMEDS)	Jul 2013	Geological Survey of Western Australia, Department of Mines and Petroleum
Murchison Radio Astronomy Exemption Area	Apr 2009	Department of Mines and Petroleum
Gas pipeline	Jul 2013	Department of Mines and Petroleum
Topography	2009	Landgate
Bathymetry	Mar 1999	Department of Transport

"DMP" data can be viewed interactively via GeoSW (www.dmp.wa.gov.au/geosw) and related datasets can be downloaded from the Geospatial Data and Software Centre (www.dmp.wa.gov.au/geosw/centre)

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Compiled by RWE Cooper 2013
 Geology and tectonic boundaries based on:
 (1) Cassidy, K.F., Chapman, D.C., Prosser, B., Barley, M.E., Brown, S.A., Bennett, R.S., Greenwell, P.H. and Day, M. (2006). A revised geological framework for the Yilgarn Craton, Western Australia. Geological Survey of Western Australia, Record 2006/8. 8p.
 (2) Day, M. and Hodgson, S.M. (compilers, 2007). Tectonic units of Western Australia, 1:500,000 – Preliminary version. Geological Survey of Western Australia, digital data layer.
 (3) Day, M. and Hodgson, S.M. (compilers, 2009). Integrated tectonic geology of Western Australia, 1:500,000. Geological Survey of Western Australia, digital data layer.
 Information on mines, deposits, prospects, and other occurrences was extracted from the DMP Mines and Mineral Occurrences (IMEDS) database, viewed July 2013. (www.dmp.wa.gov.au/imeds)

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Government of Western Australia
 Department of Mines and Petroleum

Geological Survey of Western Australia
 ROCK ROSSIGNOL
 EXECUTIVE DIRECTOR

SCALE 1:1 000 000

ALBERS EQUAL AREA PROJECTION WITH CENTRAL MERIDIAN 121° AND STANDARD PARALLELS 17°30' AND 31°30'
 HORIZONTAL DATUM: GEOCENTRIC DATUM OF AUSTRALIA 1994 (GDA94)

GDA

IRON ORE DEPOSITS OF THE YILGARN CRATON — 2013

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