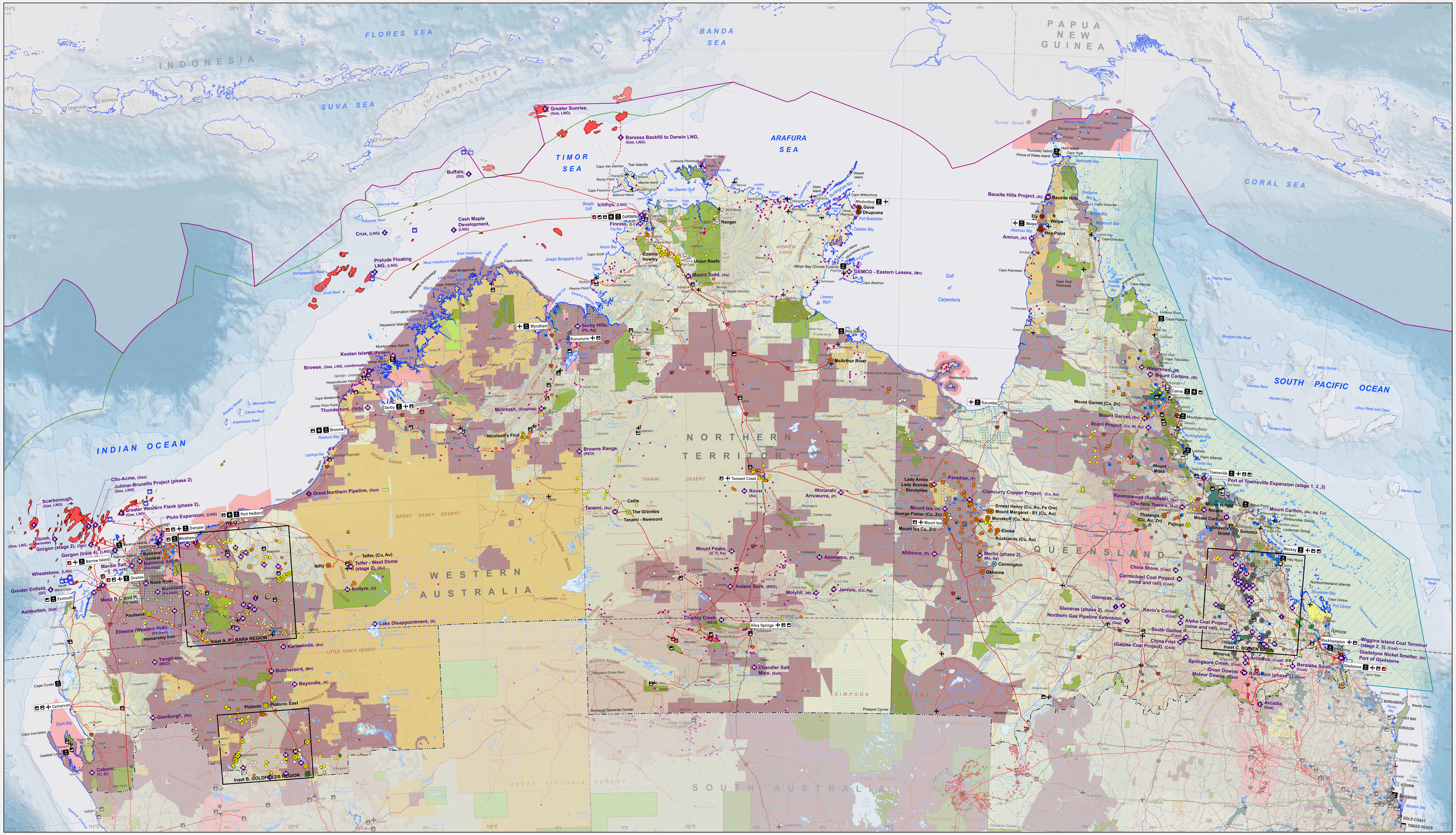

INDONESIA
FLORES SEA
BANDA SEA
PAPUA NEW GUINEA
TIMOR-LESTE
SUVA SEA
TIMOR SEA
ARAFURA SEA
CORAL SEA
INDIAN OCEAN
SOUTH PACIFIC OCEAN
Gulf of Carpentaria
WESTERN AUSTRALIA
NORTHERN TERRITORY
QUEENSLAND
SOUTH AUSTRALIA
GREAT SANDY DESERT
TANAMI DESERT
LITTLE SANDY DESERT
GREAT VICTORIA DESERT
SIMPSON DESERT
DARWIN
Greater Sunrise, (Gas, LNG)
Barossa Backfill to Darwin LNG, (Gas, LNG)
Prelude Floating LNG, (LNG)
Scarborough, (Gas, LNG)
Tennant Creek
Alice Springs
Mount Isa
Townsville
Gladstone
BRISBANE
GOLD COAST
TWEED HEADS
Inset A. PILBARA REGION
Inset B. GOLDFIELDS REGION
Inset C. BOWEN BASIN

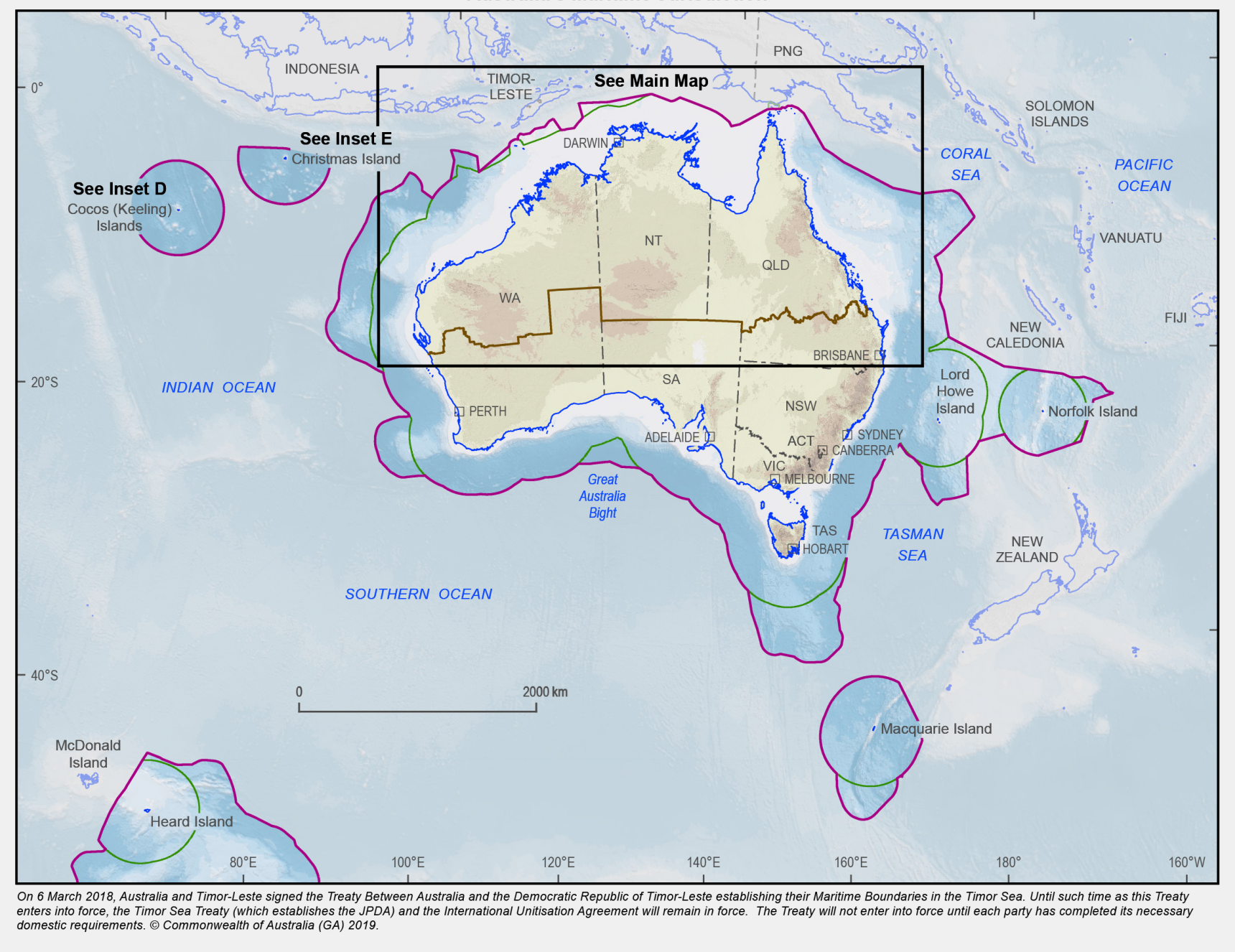
Australian Government
Geoscience Australia

Australian Government
Department of Industry, Innovation and Science

Office of Northern Australia

DEVELOPING NORTHERN AUSTRALIA MAP

Australia's Maritime Jurisdiction


INDONESIA
TIMOR-LESTE
PNG
See Main Map
See Inset E
Christmas Island
See Inset D
Cocos (Keeling) Islands
DARWIN
NT
QLD
SOLOMON ISLANDS
CORAL SEA
PACIFIC OCEAN
VANUATU
Heard Island

On 6 March 2018, Australia and Timor-Leste signed the Treaty Between Australia and the Democratic Republic of Timor-Leste establishing their Maritime Boundaries in the Timor Sea. Until such time as this Treaty enters into force, the Timor Sea Treaty (which establishes the JPDA) and the International Unitisation Agreement will remain in force. The Treaty will not enter into force until each party has completed its necessary domestic requirements. © Commonwealth of Australia (GA) 2019.

- Limit of Australian offshore area (Continental Shelf)
- Exclusive Economic Zone (EEZ)
- Northern Australia boundary

SCALE 1:4 250 000

0 100 200 300 400 500 km

LAMBERT CONFORMAL CONIC PROJECTION
Central Meridian: 134°E Standard Parallels: 8°S, 26°S
Geocentric Datum of Australia

ELEVATION, (Hypsometric tints) (Bathymetric tints), **DEPTH**

2000 1500 1000 500 200 0 200 1000 2000 3000 4000 Elevation and depths are shown in metres

TOPOGRAPHIC FEATURES

- Great Barrier Reef Marine Park [7]
- National park [1]
- Nature reserve [2]
- Swamp
- Land subject to inundation
- Reef
- River, perennial
- River, non-perennial
- Lake, perennial
- Lake, non-perennial
- Reservoir
- Irrigation area
- Bathymetry contour (metres)
- Dam wall

MAJOR INFRASTRUCTURE

- National road network marker
- Road, principal sealed
- Road, principal unsealed
- Road, secondary sealed
- Road, secondary unsealed
- Road, minor sealed
- Road, minor unsealed
- Railway
- Pipeline, oil [5]
- Pipeline, oil (proposed) [5]
- Pipeline, gas [5]
- Pipeline, gas (proposed) [5]
- Pipeline, water
- Port
- Floating storage and offloading vessel
- Petroleum processing facility
- International airport
- Aerodrome
- Power station
- Power station (renewable)

PETROLEUM FIELDS [5]

- 🟥 Gas
- 🟩 Oil

POPULATED PLACES

- 1 000 000 or greater
- 50 000 - 999 999
- 10 000 - 49 999
- 1000 - 9999
- Less than 999
- Homestead
- Indigenous community

INTERNATIONAL BOUNDARIES [3]

- Limit of Australian offshore area
- Exclusive Economic Zone (EEZ)

OTHER FEATURES

- Tropic of Capricorn
- Northern Australia boundary [4]
- State border

MAJOR MINERAL AND ENERGY RESOURCE PROJECTS [6]

- E Energy project
- I Infrastructure project
- M Mineral project

NATIVE TITLE DETERMINATIONS [9]

- Native title exists (exclusive)
- Native title exists (non-exclusive)
- Native title does not exist
- Native title extinguished (Not within determined area)

MINERAL DEPOSITS

Commodity type

- ● Bauxite
- ● Coal
- ● Copper
- ● Gold
- ● Iron ore
- ● Nickel
- ○ Uranium
- ● Zinc

Mine status

- Operating mine
- Under development
- ○ Mineral deposit

INDIGENOUS LAND USE AGREEMENTS [9]

- Registered Body Corporate Agreement
- Registered Area
- Body Corporate Agreement being considered for registration (where notice has been given)
- Area Agreement being considered for registration (where notice has been given)

Cartography by Silvio Mezzomo, Communications Section, Enabling Services Branch, Geoscience Australia, Canberra, ACT.
Printed by Digital Services, Bathurst, NSW.

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Geoscience Australia acknowledges the assistance provided by other government agencies agencies in the supply of spatial data for the preparation of this map.

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Disclaimer/data source:

[1] Exploration and mining generally not permitted in national parks under state or national legislation.

[2] Permission for mining and exploration in nature reserves may be permitted depending upon state legislation.

[3] On 6 March 2018, Australia and Timor-Leste signed the Treaty Between Australia and the Democratic Republic of Timor-Leste establishing their Maritime Boundaries in the Timor Sea. Until such time as this Treaty enters into force, the Timor Sea Treaty (which establishes the JPDA) and the International Unitisation Agreement will remain in force. The Treaty will not enter into force until each party has completed its necessary domestic requirements.

[4] Northern Australia means the area that includes the following:
(a) the Northern Territory;
(b) the areas of Queensland and Western Australia that are north of the Tropic of Capricorn other than the Meekatharra Statistical Area level 2;
(c) the areas south of the Tropic of Capricorn of each Statistical Area level 2 that has an area covered by paragraph (b);
(d) the following Statistical Areas level 2:
(i) Gladstone; *(ii)* Gladstone Hinterland; *(iii)* Newman; *(iv)* Carnarvon;
(v) Exmouth; *(vi)* Ashburton; and *(vii)* East Pilbara.
(e) The Local Government Area shires of Meekatharra and Wiluna.
(f) the territorial sea adjacent to areas covered by paragraphs (a) to (d).

[5] Field outlines and pipeline routes from the GPInfo petroleum database. Data is correct as at June 2018.

[6] Mineral and Energy Resource Project data provided by the Office of the Chief Economist, Department of Industry, Innovation and Science. Data is correct as at January 2019.

[7] The Great Barrier Marine Park boundary sourced from the Great Barrier Reef Marine Park Authority (GBRMPA) © Commonwealth of Australia (GBRMPA), 2019. Neither the Commonwealth nor GBRMPA gives a warranty regarding the data's accuracy, completeness, currency or suitability for any particular purpose. Visit the GBRMPA web site: *www.gbrmpa.gov.au* to access the most current version of the data.

[8] Temperature, rainfall and tropical cyclone frequency data provided by the Bureau of Meteorology © Commonwealth of Australia (BOM), 2019. Based on a standard 30-year climatology (1961–1990).

[9] Native Tile boundaries sourced from the National Native Title Tribunal (NNTT) © Commonwealth of Australia (NNTT), 2017. Data is correct as at March 2019.

This map includes digital data supplied by various Australian government agencies.

Copies of this map may be downloaded from the Geoscience Australia website at: *http://pid.geoscience.gov.au/dataset/ga/129446*
Or by contacting: Client Services, Geoscience Australia
Cnr Hindmarsh Dr and Jerrabomberra Ave, Symonston, ACT 2609
GPO Box 378, Canberra, ACT 2601
Phone: (02) 6249 9966 Facsimile: (02) 6249 9960
Email: *clientservices@ga.gov.au*

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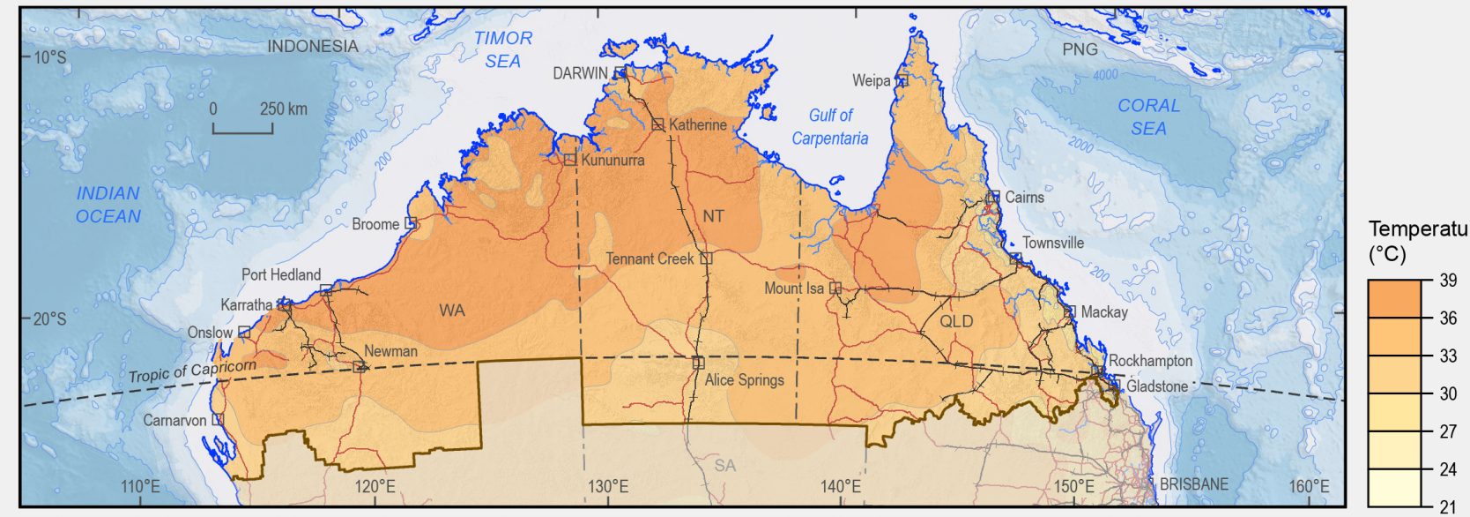
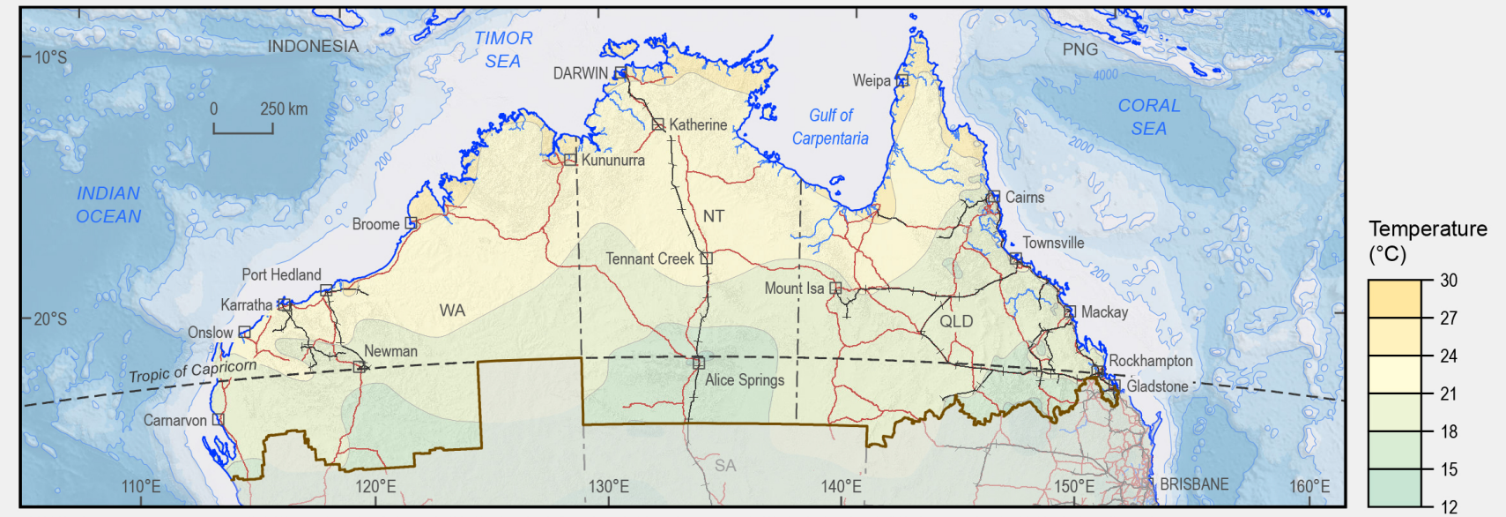
PP-2768-1

Northern Australia's Annual Average Daily Maximum Temperature


Temperature (°C)
39
36
33
30
27
24
21

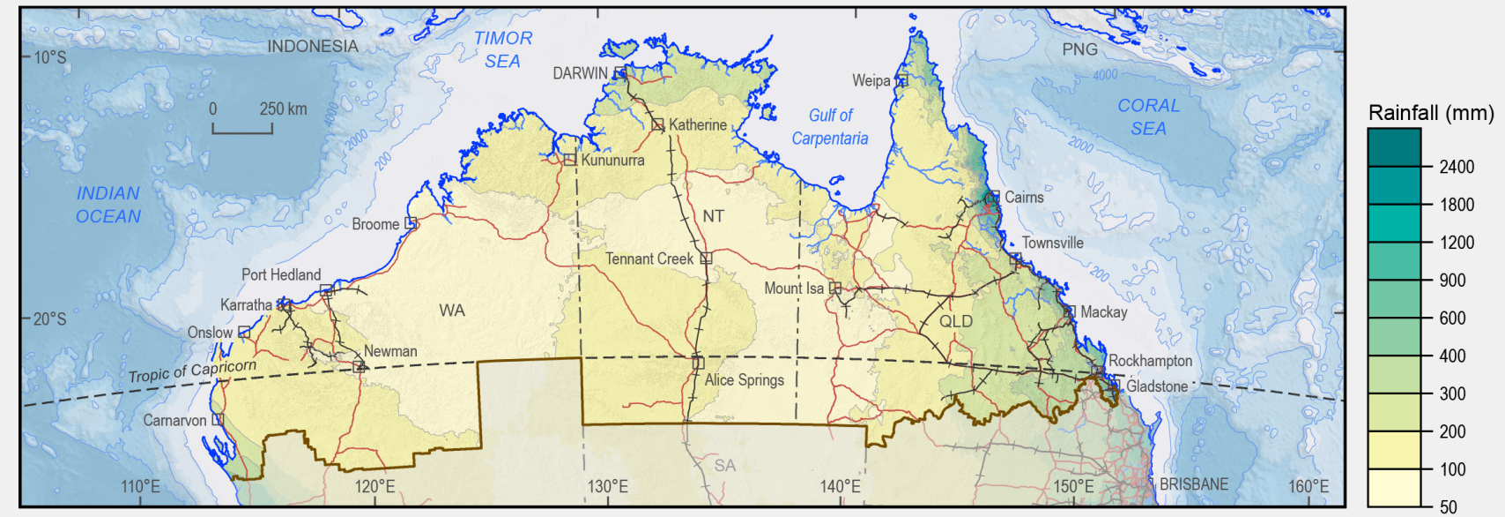
Temperature information is sourced from the Bureau of Meteorology. Based on a standard 30–year climatology (1961–1990). © Commonwealth of Australia (BOM) 2019.

Northern Australia's Annual Average Daily Minimum Temperature


Temperature (°C)
30
27
24
21
18
15
12

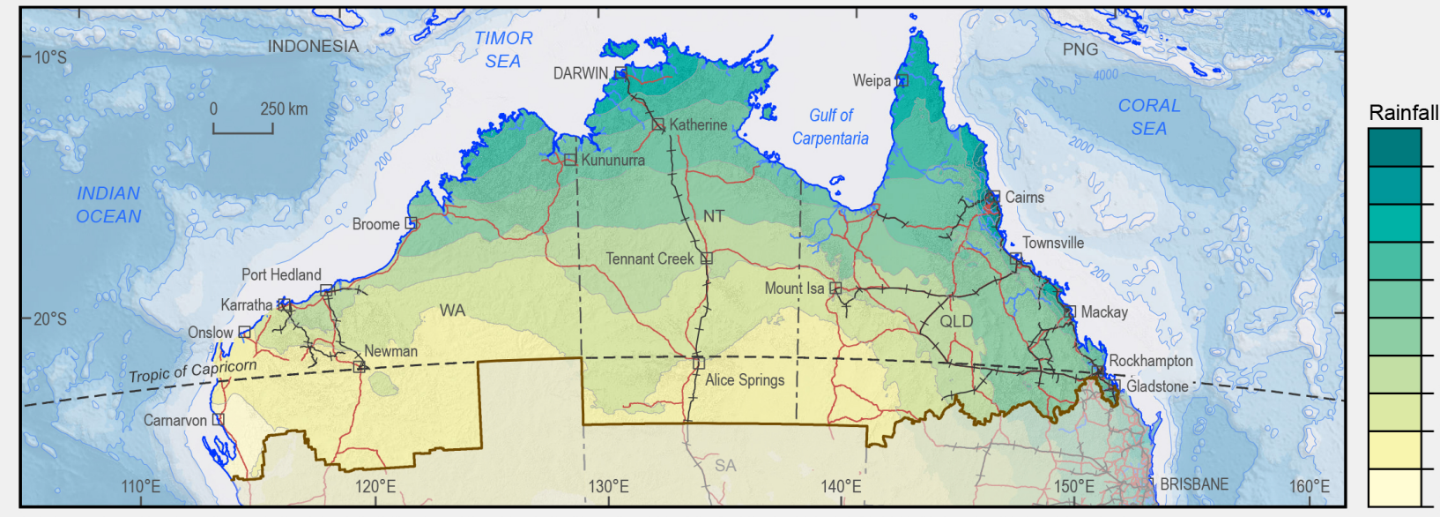
Temperature information is sourced from the Bureau of Meteorology. Based on a standard 30–year climatology (1961–1990). © Commonwealth of Australia (BOM) 2019.

Northern Australia's Annual Average Rainfall April to November (dry season)


Rainfall (mm)
2400
1800
1200
900
600
400
300
200
100
50

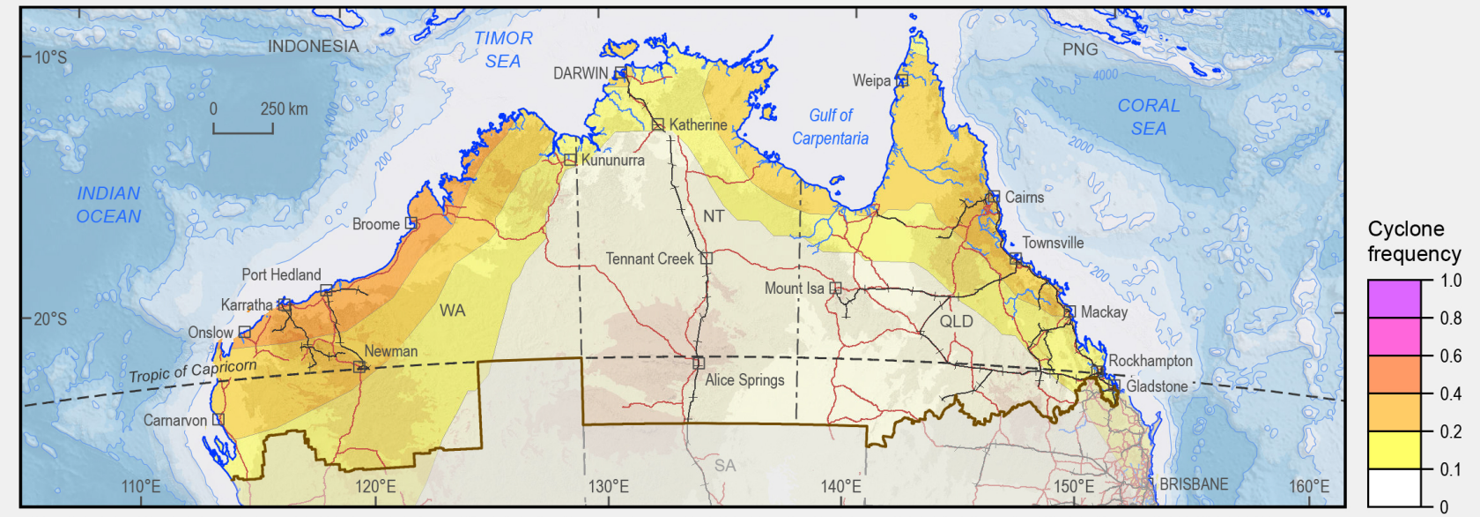
Rainfall information is sourced from the Bureau of Meteorology. Based on a standard 30-year climatology (1961–1990). © Commonwealth of Australia (BOM) 2019.

Northern Australia's Annual Average Rainfall October to April (wet season)


Rainfall (mm)
2400
1800
1200
900
600
400
300
200
100
50

Rainfall information is sourced from the Bureau of Meteorology. Based on a standard 30-year climatology (1961–1990). © Commonwealth of Australia (BOM) 2019.

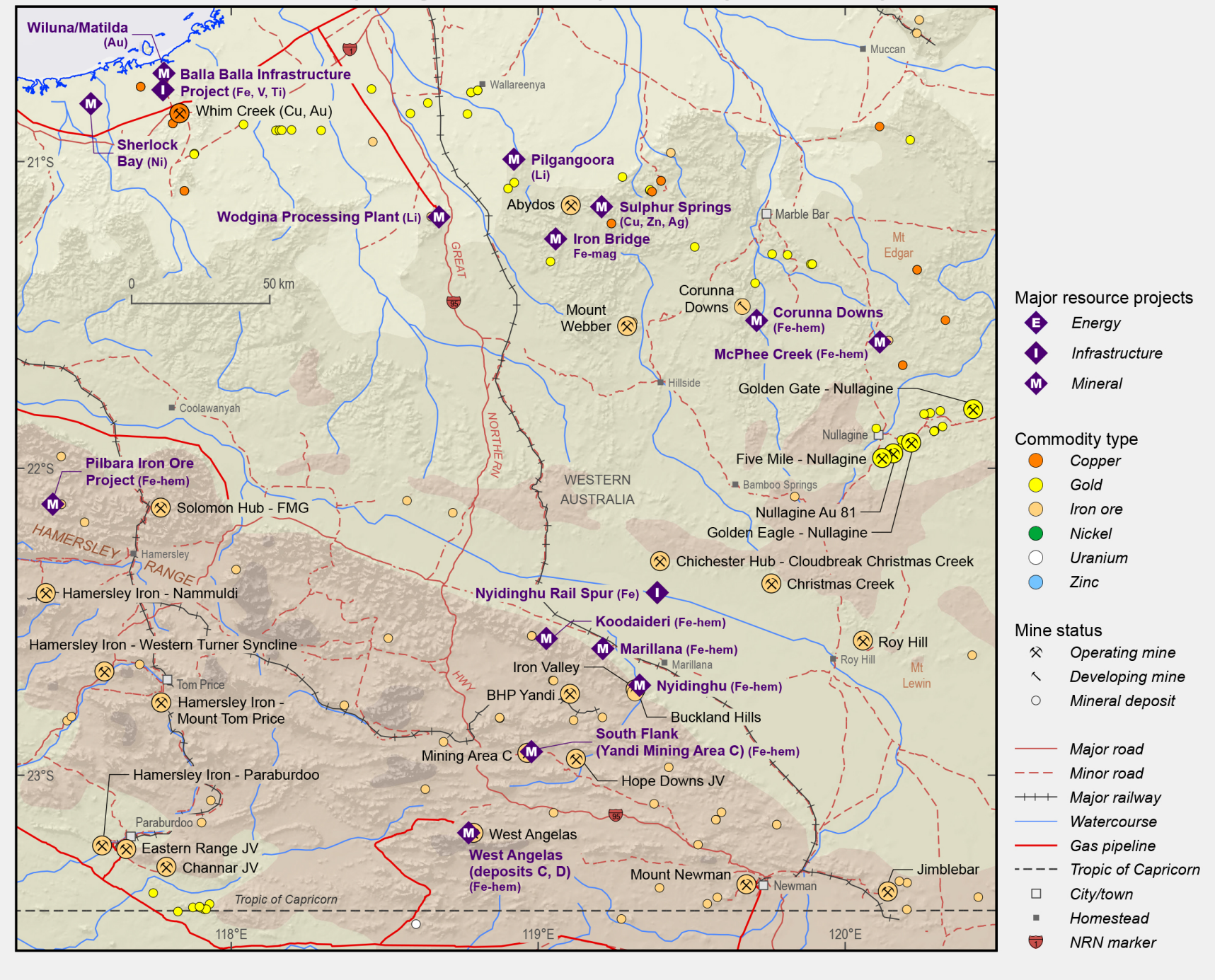
Northern Australia's Annual Average Number of Tropical Cyclones


Cyclone frequency
1.0
0.8
0.6
0.4
0.2
0.1
0

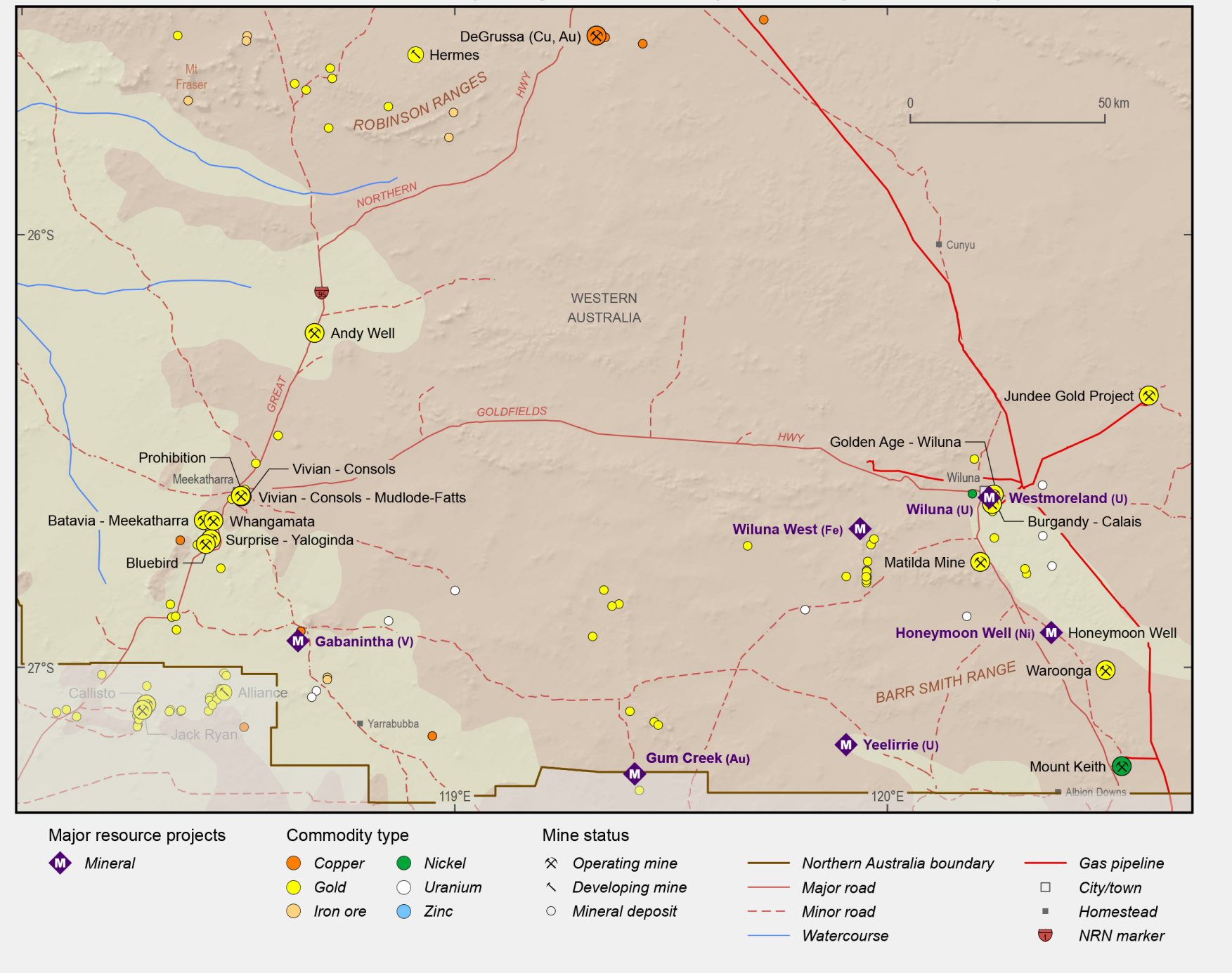
Cyclone information is sourced from the Bureau of Meteorology. Based on a 2 x 2 degree resolution gridded analysis using 36 years of data (1969/70 to 2005/06 tropical cyclone seasons). © Commonwealth of Australia (BOM) 2019.

- Northern Australia boundary
- Tropic of Capricorn
- Major road
- Major railway
- Major river
- Bathymetry (metres)
- ☐ City/town

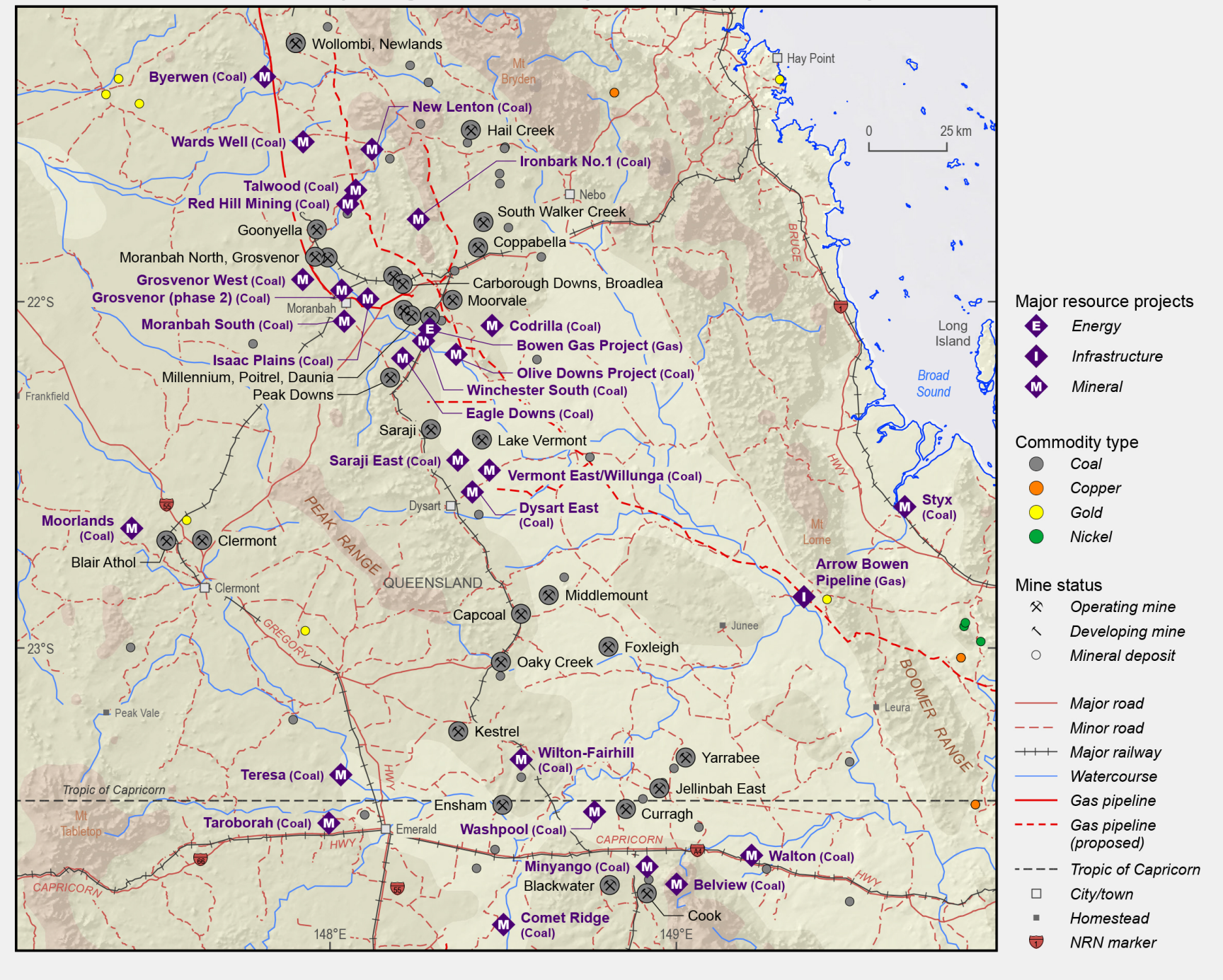
Inset A. PILBARA REGION: Operating Mines, Mineral Deposits and Major Resource Projects



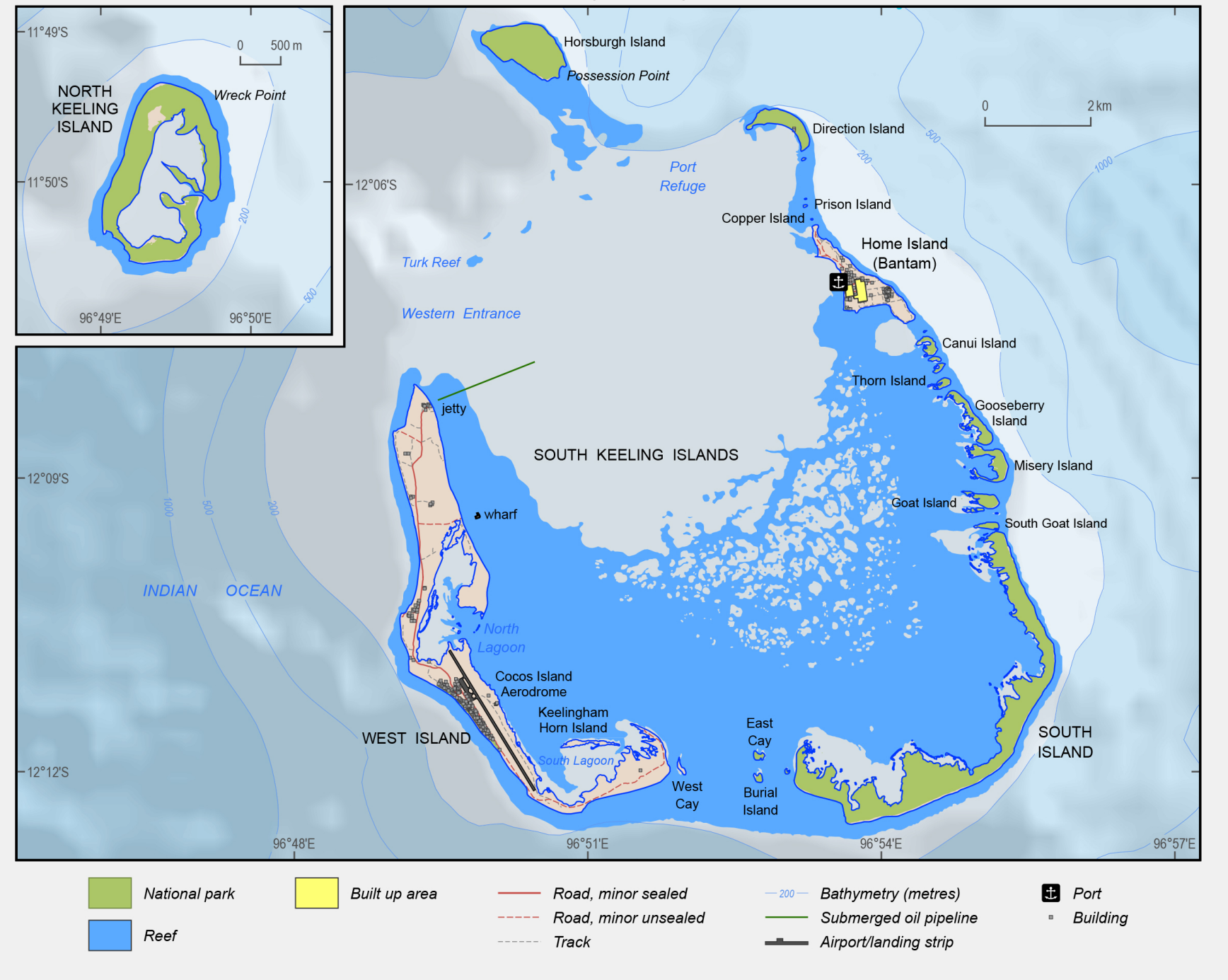
Inset B. GOLDFIELDS REGION: Operating Mines, Mineral Deposits and Major Resource Projects



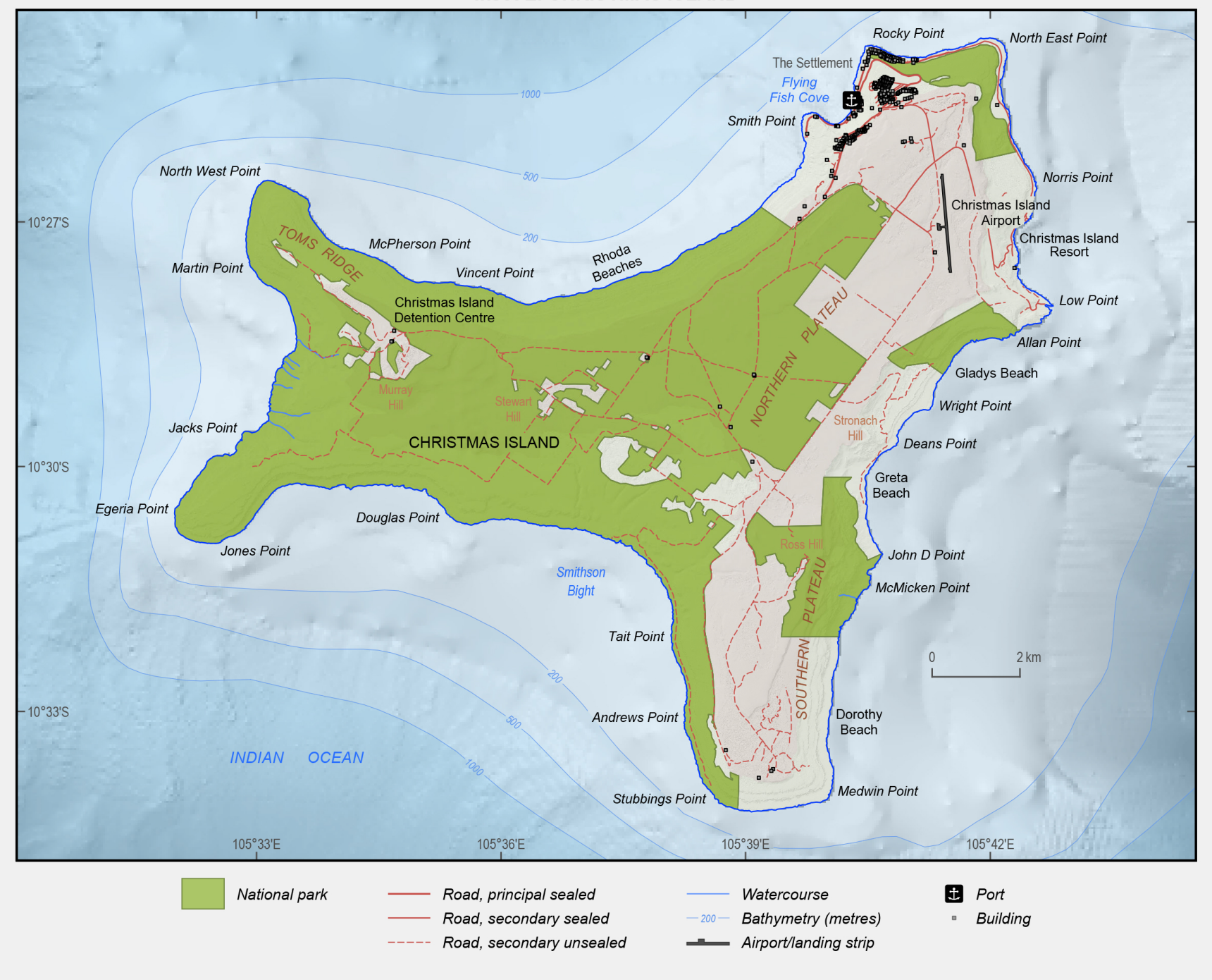
Inset C. BOWEN BASIN: Operating Mines, Mineral Deposits and Major Resource Projects



Inset D. COCOS (KEELING) ISLANDS


NORTH KEELING ISLAND
Horsburgh Island
Direction Island
Home Island (Bantam)
SOUTH KEELING ISLANDS
WEST ISLAND
SOUTH ISLAND

Inset E. CHRISTMAS ISLAND


CHRISTMAS ISLAND
Rocky Point
North East Point
The Settlement
Flying Fish Cove
North West Point
Christmas Island Airport