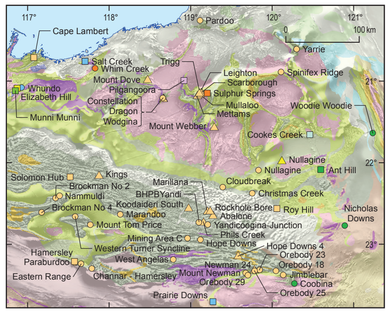
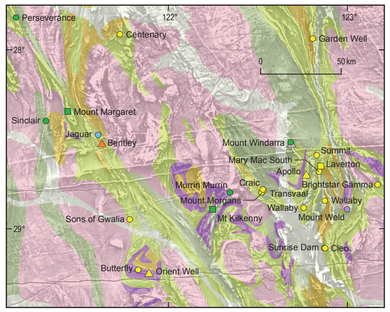
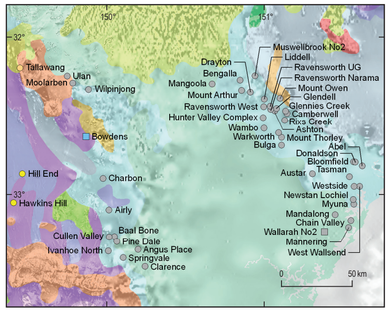


INSET 1: Pilbara Region

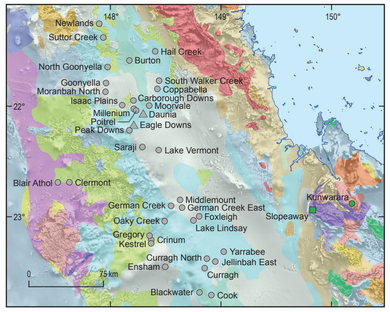


INSET 2: Northeastern Goldfields

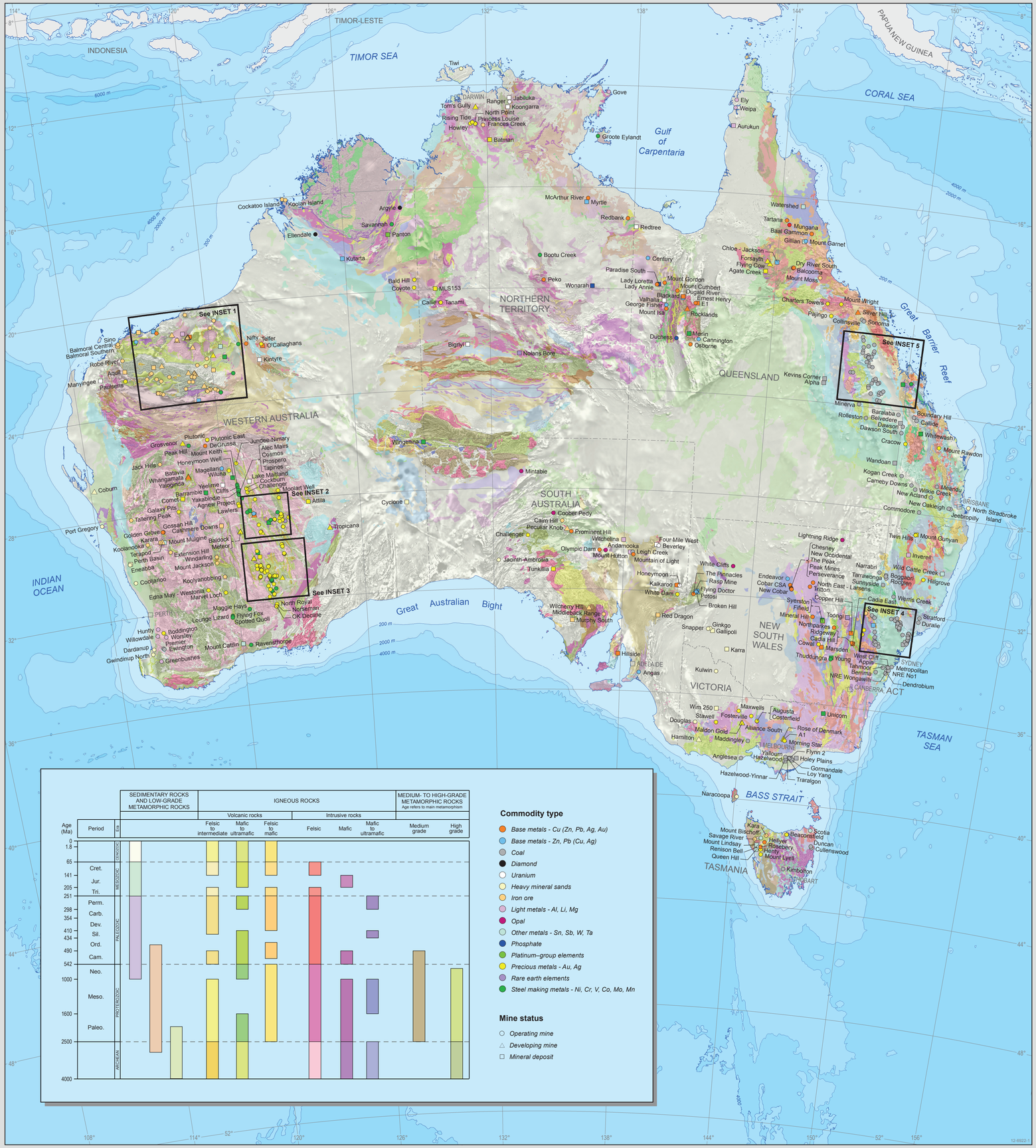
INSET 3: Eastern Goldfields



INSET 4: Hunter Region

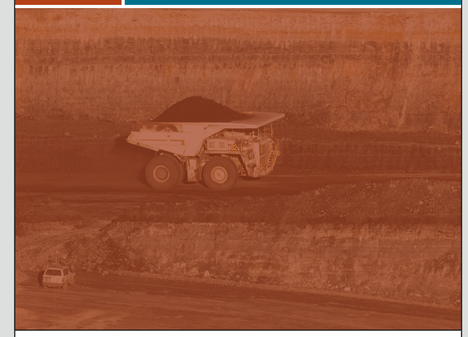


INSET 5: Bowen Basin Region



Australian Government
Geoscience Australia

Australian Operating Mines 2012



AUSTRALIAN OPERATING MINES 2012

SCALE 1: 10 000 000

0 250 500 kilometres

LAMBERT CONFORMAL CONIC PROJECTION
Central Meridian: 134°E Standard Parallels: 18°S, 36°S
Geocentric Datum of Australia

This map shows the location of mines operating at the end of 2012, developing mines and mineral deposits in Australia. Developing mines are deposits where mine site development has commenced or where all approvals for mining have been received by the end of 2012. Mineral deposits highlight areas of known mineralisation with reported significant JORC compliant Measured and Indicated Resources that are not currently being mined or developed. Mineral deposits of platinum–group elements (PGE) are those with a reported significant resource. Closed mines or mines not operating at the end of 2012 are not displayed.

Mines and mineral deposits are shown as small symbols coloured by commodity type. The mine and deposit information is superimposed on a generalised surface geology map of Australia. The coloured areas represent different rock types and ages (see legend, below map) cropping out at the surface of the earth. The greyscale background image on which the geology is superimposed represents the aeromagnetic response (0.5 vertical derivative of total magnetic intensity) of rocks at surface and at depth. In areas of younger basin and regolith cover (grey-pale yellow or pale green areas) the aeromagnetics shows the older geology continuing under this cover. In some areas these buried rocks are also prospective for undiscovered mineral deposits.

Compiled by Anthony Senior and Roger Skirrow, Mineral Exploration Promotion Section.
Cartography by Chris Evenden and David Arnold, Products and Promotion Section.
Printed by Paragon Print Pty Ltd.

It is recommended that this map be referred to as: Senior, A., and Skirrow, R. G., 2013. *Australian Operating Mines Map* (13th Edition), Scale 1:10 000 000, Geoscience Australia, Canberra.

Further information can also be found on the Internet at:
http://www.ga.gov.au/minerals/projects/current-projects/exploration-promotion.html

Additional information on operating mines, developing mines or mineral deposits on this map is available from the Australian Mines Atlas website: http://www.australianminesatlas.gov.au/

Published with permission of the CEO Geoscience Australia. Geoscience Australia acknowledges the assistance provided by State and Northern Territory geoscience agencies in the preparation of this map.

AUSTRALIAN OPERATING MINES
FEBRUARY 2013 (THIRTEENTH EDITION)

GeoCat No. 75192