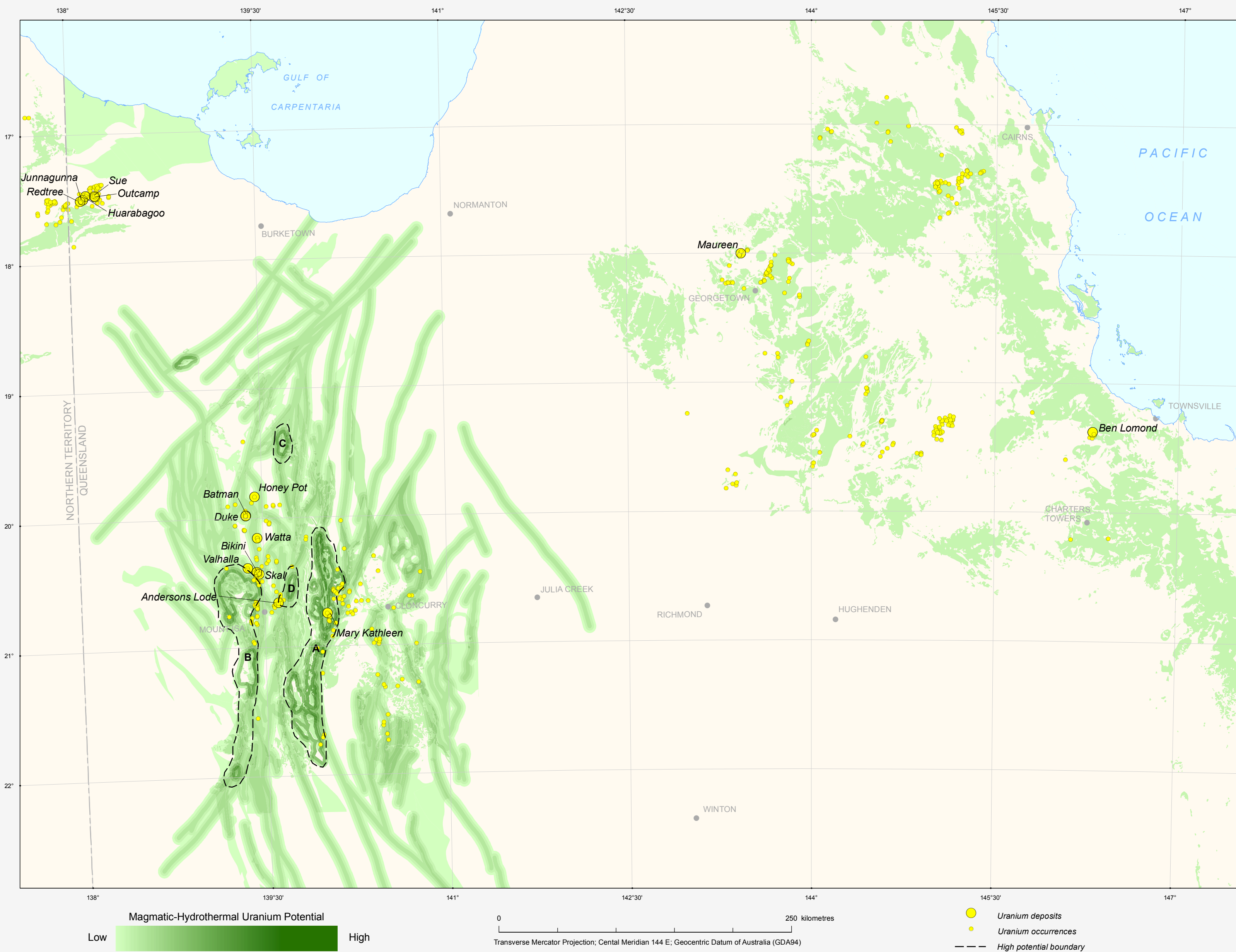


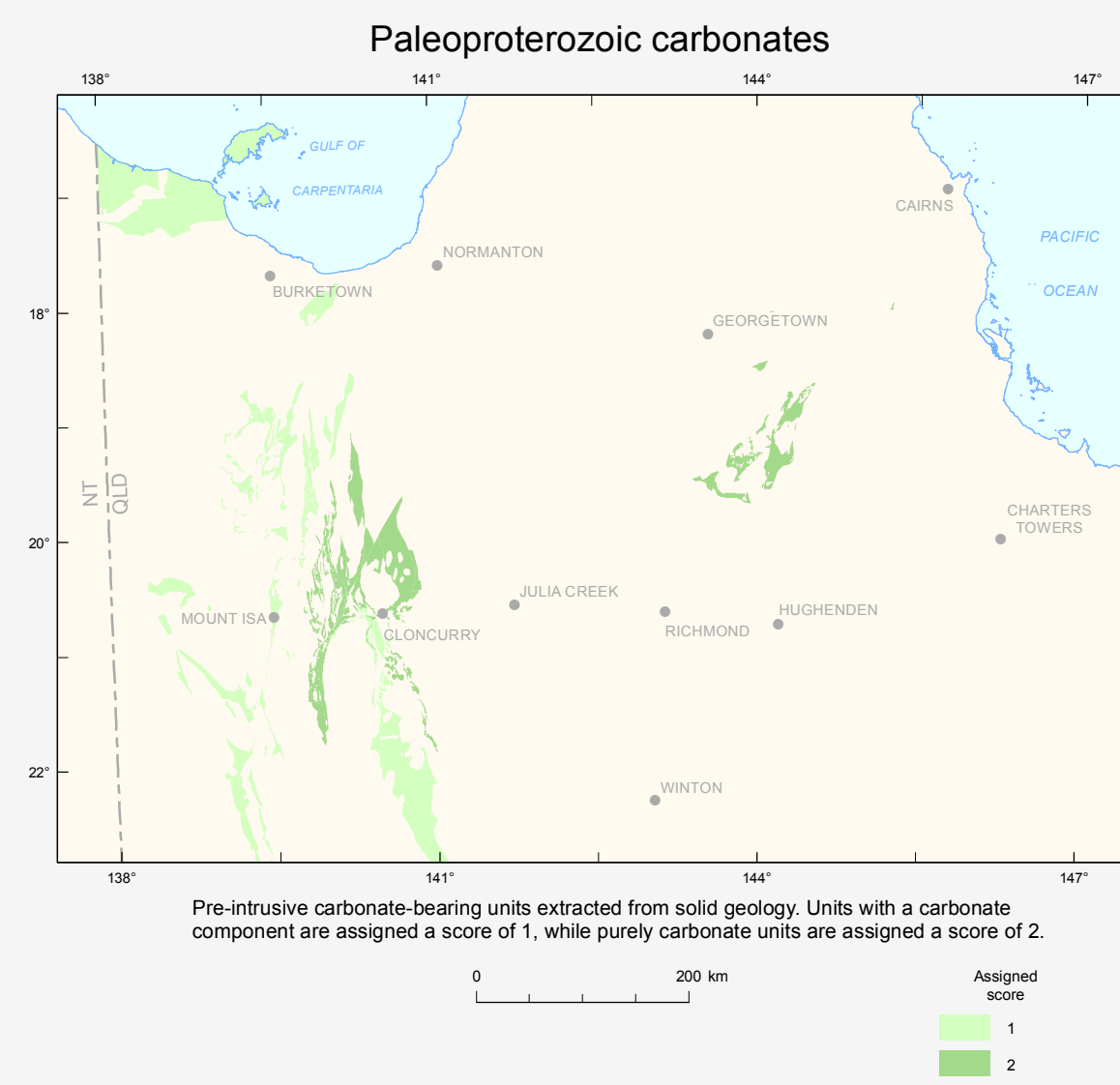
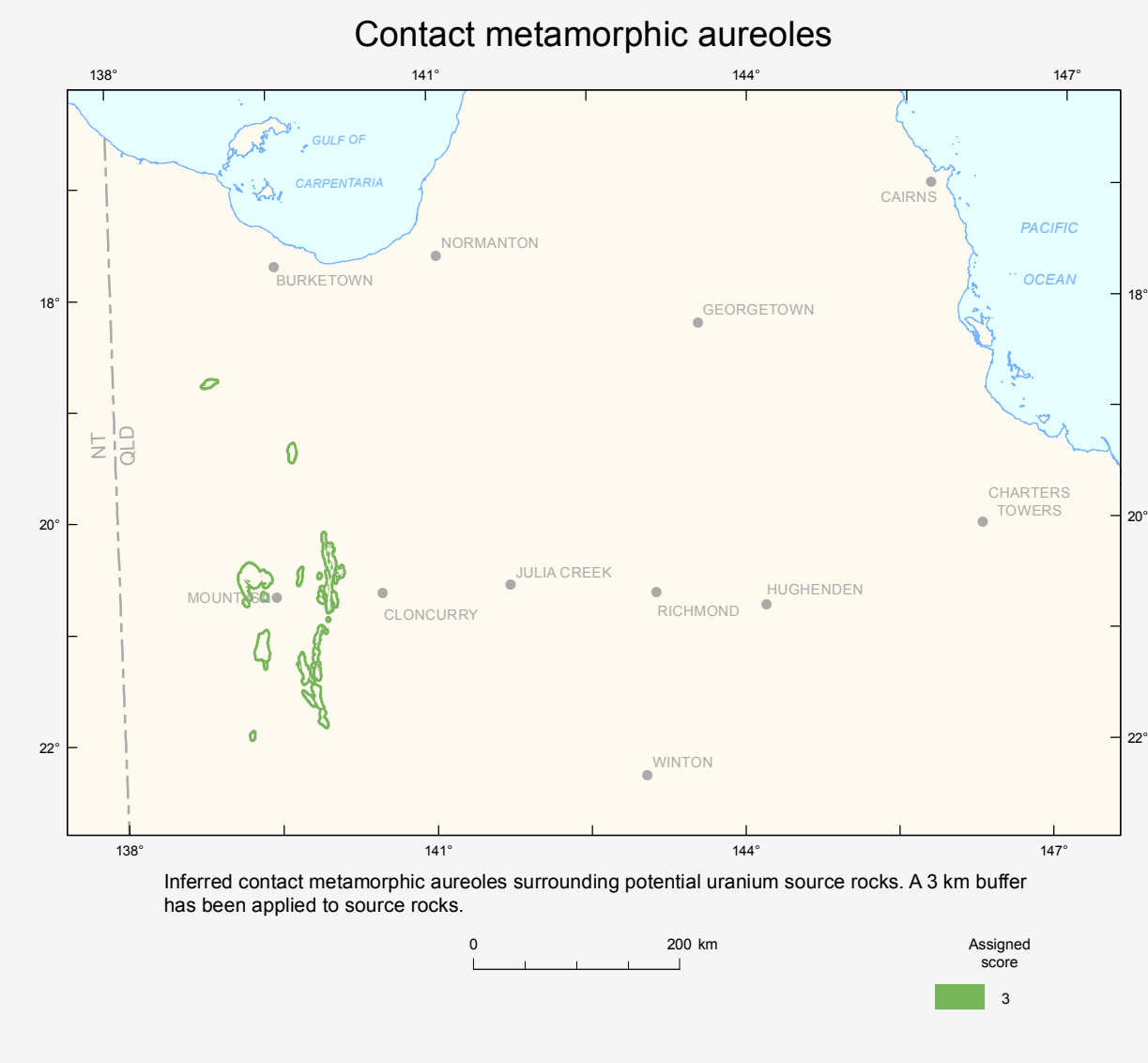
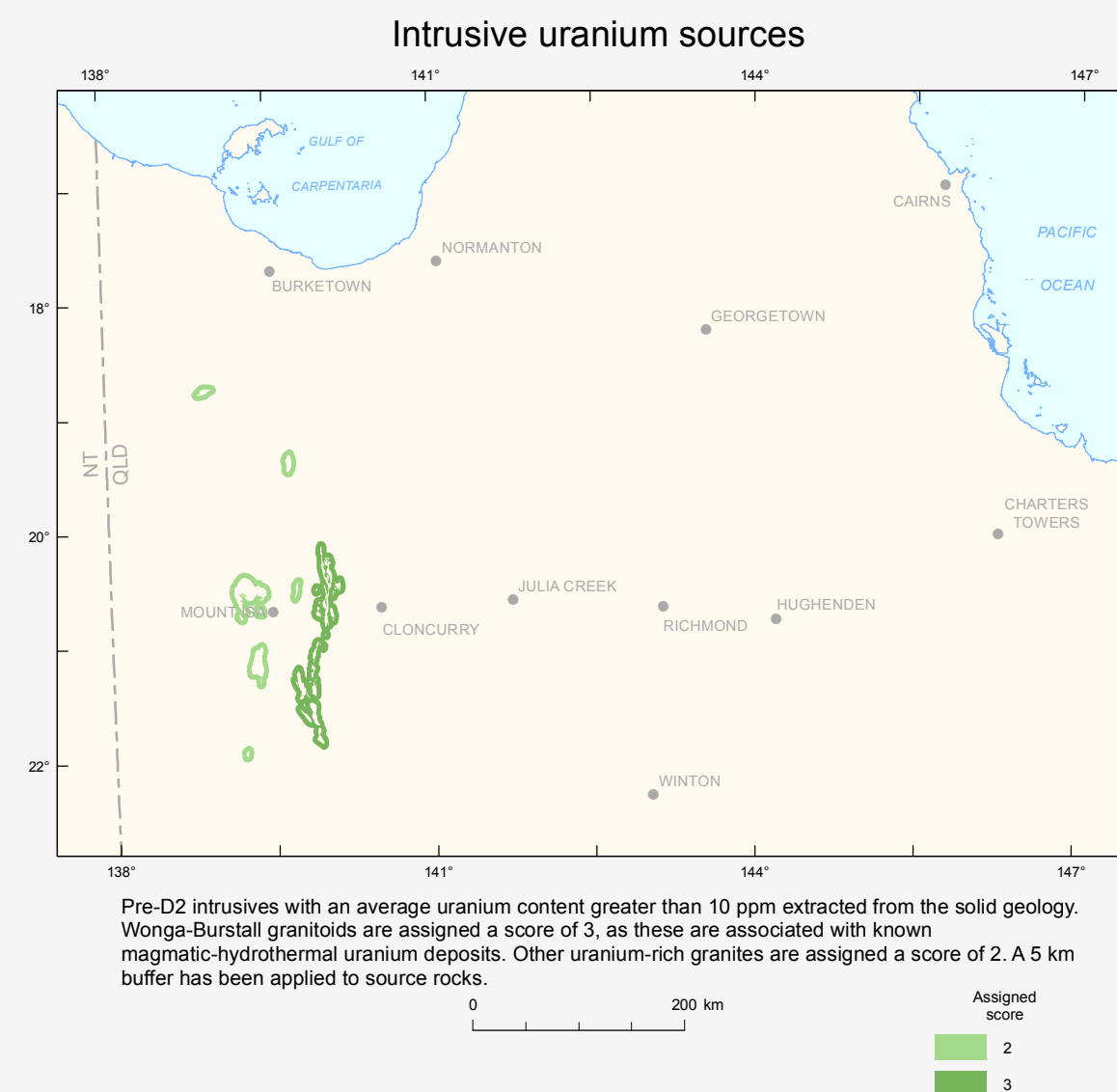
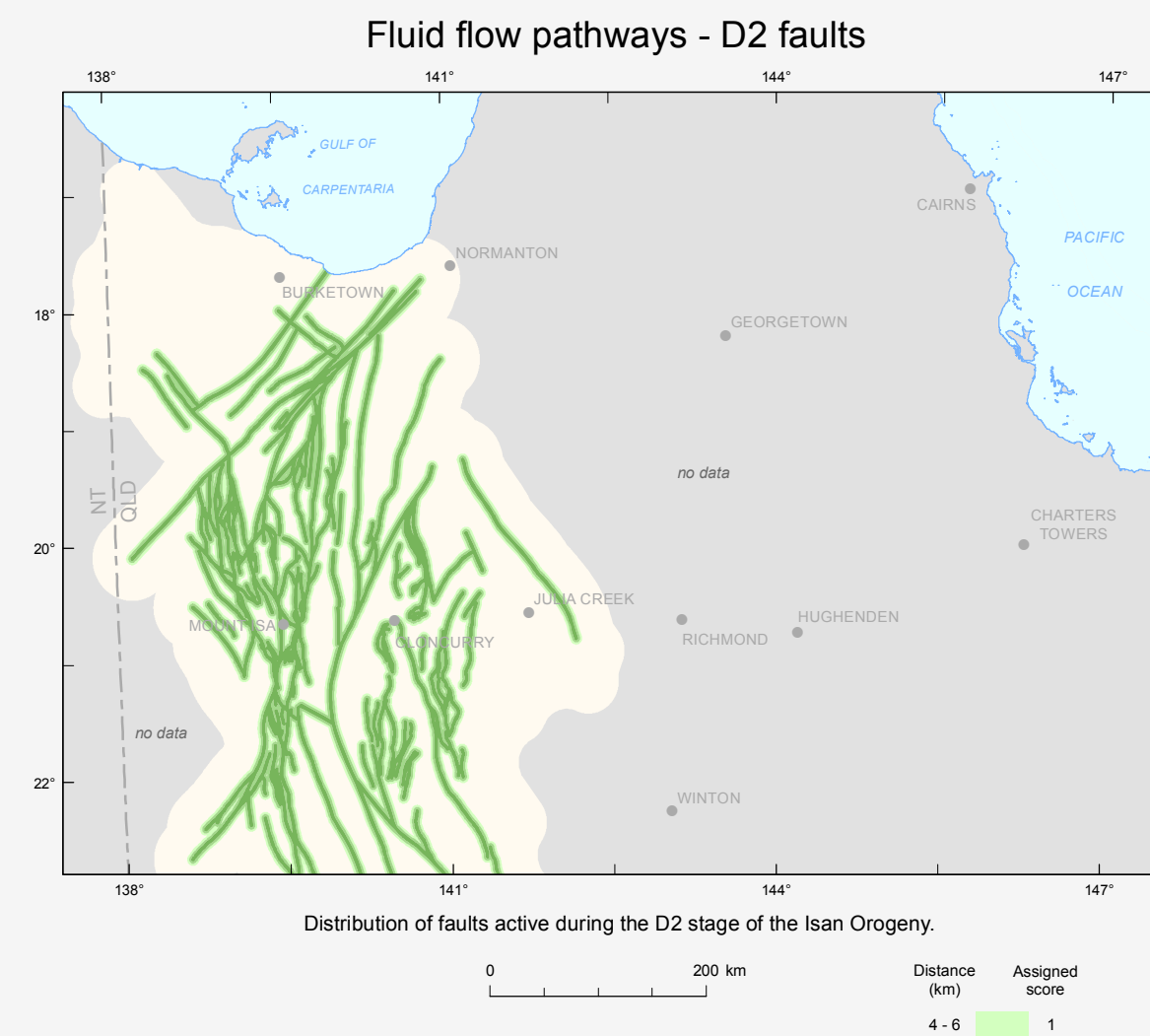
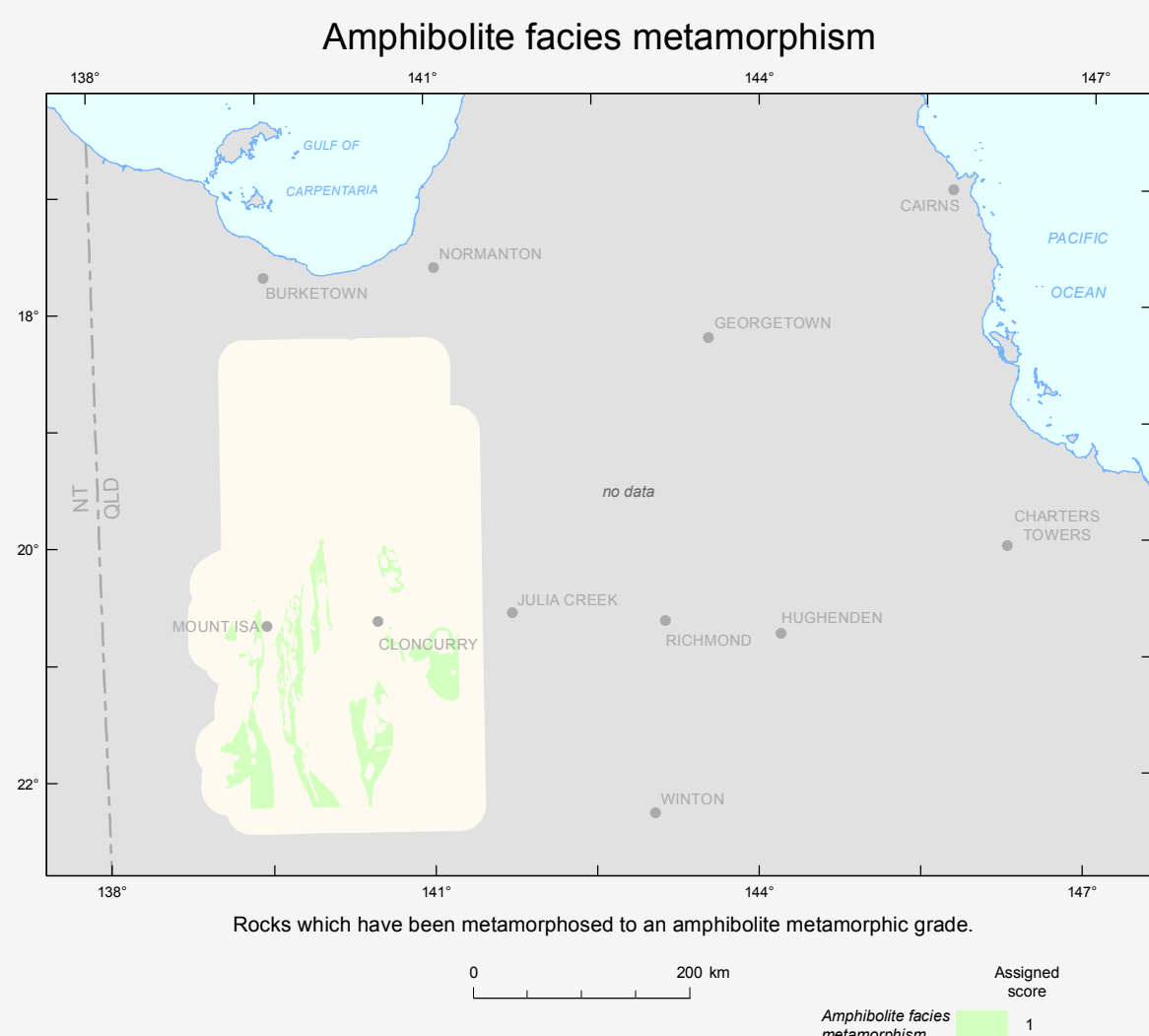
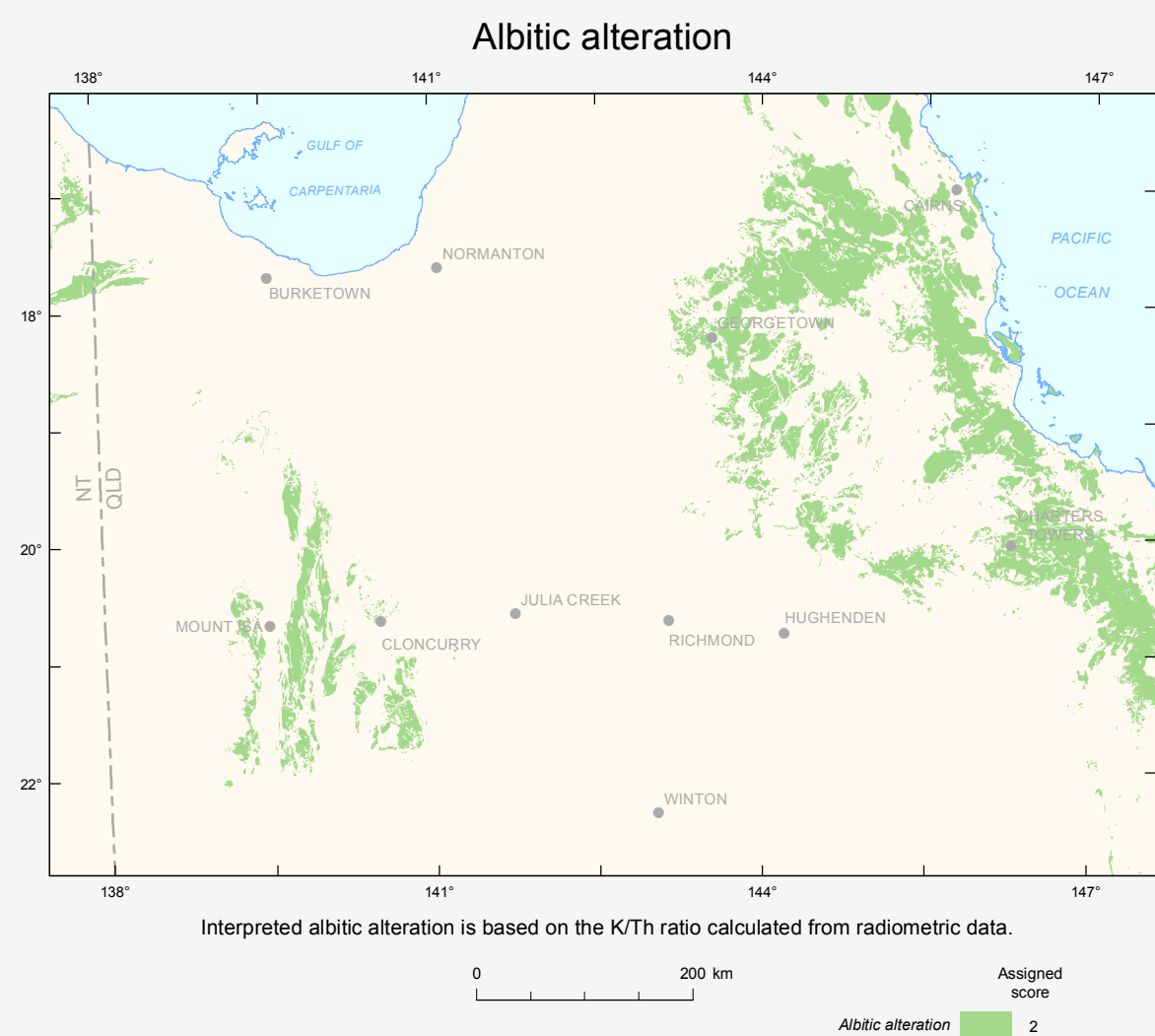
NORTH QUEENSLAND ENERGY SYSTEMS ASSESSMENT

MAGMATIC-HYDROTHERMAL POTENTIAL



Potential for magmatic-hydrothermal uranium deposits based on summation of mineral system parameters shown in insets. Using this analysis, the following areas have been identified as having significant potential for magmatic-hydrothermal uranium deposits: See text (Huston, 2010) for more information and references.

- A** Along the strike length of the Wonga-Burial Suite granitoids
- B** Along the margins of the Sybella Suite
- C** Eastern margin of the Ewen Granite
- D** Along the western margin of the Kalkadoon Granodiorite



Compiled by A. Schofield, Geoscience Australia
 Data analysis by A. Schofield and D.P. Connolly
 Cartography by D.P. Connolly
 Produced by GIS Services Group, Onshore Energy and Minerals,
 Geoscience Australia using ESRI ArcGIS 9.3 software

This map forms part of Geoscience Australia's Onshore Energy Security Program

It is recommended that this map be referred to as:
 Schofield A., Connolly D.P., 2010.
 Magmatic Hydrothermal Potential. In: Huston D.L. (editor), 2010.
 North Queensland, Energy Assessment. Geoscience Australia, Canberra, GA Record, in prep.

© Commonwealth of Australia (Geoscience Australia) 2010.
 This material is released under the Creative Commons Attribution 2.5 Australia Licence

This work is copyright. Apart from any fair dealings for the purpose of study, research, criticism, or review, as permitted under the Copyright Act 1968, no part may be reproduced by any process without written permission. Copyright is the responsibility of the Chief Executive Officer, Geoscience Australia. Requests and enquiries should be directed to the Chief Executive Officer, Geoscience Australia, GPO Box 378 Canberra ACT 2601

Geoscience Australia has tried to make the information in this product as accurate as possible. However, it does not guarantee that the information is totally accurate or complete. THEREFORE YOU SHOULD NOT RELY SOLELY ON THIS INFORMATION WHEN MAKING A COMMERCIAL DECISION

Published by Geoscience Australia, Department of Resources, Energy and Tourism, Canberra, Australia. Issued under the authority of the Minister for Resources, Energy and Tourism

Copies of the GA Record containing this map can be downloaded from the Geoscience Australia internet site at: <http://www.ga.gov.au> or by contacting:

Sales Centre, Geoscience Australia
 GPO Box 378
 Canberra ACT 2601
 Phone (02) 6249 9966, Facsimile (02) 6249 9960
 Email: sales@ga.gov.au

