REGOLITH-LANDFORM MAP OF THE MERREDIN REGION (SOUTH) RELICT REGIME RI Ferruginous nodules over lateritic duricrust; gravelly sandplains bounded in places by breakaways Rm Mixture of loose lateritic gravels with yellow sands on iron-indurated nodules; remnants of gravelly Rn Thin yellow sands and grey soil over lateritic gravels; undulating sandplains Rs White to yellow thick sands on ferruginous nodules; sandy sandplains **EROSIONAL REGIME** Eh Granite outcrop or sub-outcrop with a thin cover of lithic soil; hills and low rises Ep Yellow sands and grey lithic soil on saprock or granite subcrop; erosional plains Es Clay-rich grey soil on mottled saprolite; gentle slopes DEPOSITIONAL REGIME Da Sandy soil on alluvium; salt lakes and broad valleys Dc Grey to brown soil on alluvium-colluvium; broad valley DI Lateritic gravels in colluvium; backslopes or valley sides Ds Well-sorted white to yellow sands as eolian deposits; sand dunes Dt Proximal colluvium with remnants of Fe nodules or cores of dissolved nodules in clay-rich red soil; undulating plains Drainage line or salt lake KELLERBERRIN Source of data Radiometric data field observations Compiled by Li Shu, Balbir Singh and Matthias Cornelius (CRC LEME, CSIRO), 1998. Based on radiometric data and field observations. © CRC LEME 1998 This work is copyright. Apart from any fair dealings for the purpose of study, research, criticism or review, as permitted under the Copyright Act, no part may be produced by any process without written permission. Copyright is the responsibilty of the Director, CRC LEME. Inquiries should be directed to: The Director CRC LEME c/- CSIRO Exploration and Mining Private Bag Wembley, WA6014 Tel: (08) 93336272; Fax: (08) 93336146 CRC LEME does not warrant that this map is definitive, nor free from error and does not accept liability for any loss caused or arising from reliance upon information provided herein. Published by CRC LEME, Perth, Australia CRC LEME is an unincorporated joint venture between the Australian National University, University of Canberra, Australian Geological Survey Organisation and CSIRO Exploration and Mining, established and supported under the Australian Government's Cooperative Research Centre's Programme. RESTRICTED CIRCULATION: THIS MAP HAS BEEN PREPARED EXCLUSIVELY FOR THE SPONSOR OF THE CRC LEME - ASTRO YILGARN REGOLITH PROJECT AND IS NOT TO BE GIVEN ADDITIONAL DISTRIBUTION OR REPRODUCED IN ANY MANNER WITHOUT THE CONSENT OF THE DIRECTOR OF THE COOPERATIVE RESEARCH CENTRE FOR LANDSCAPE EVOLUTION AND MINERAL EXPLORATION.