

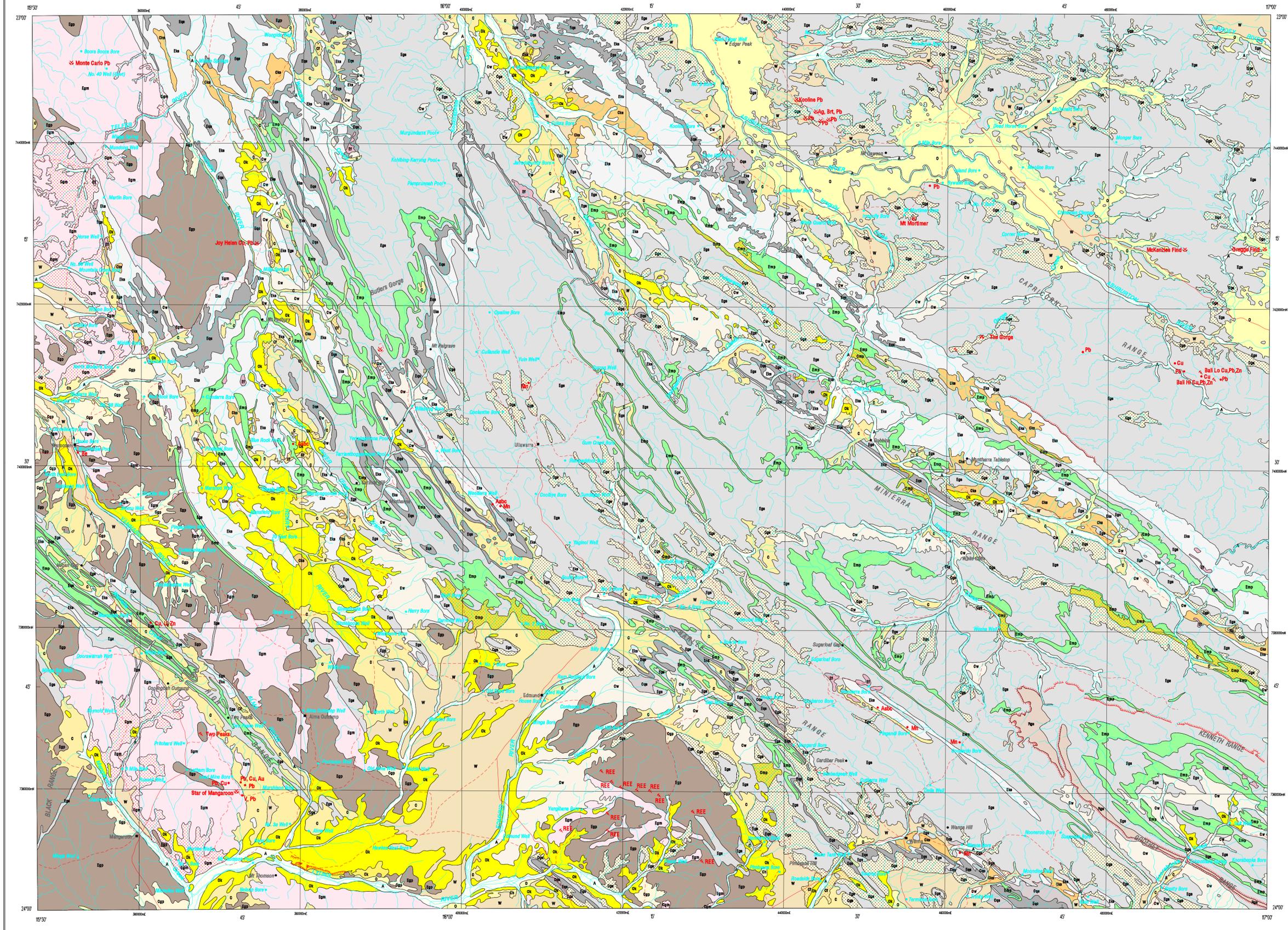
EDMUND

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

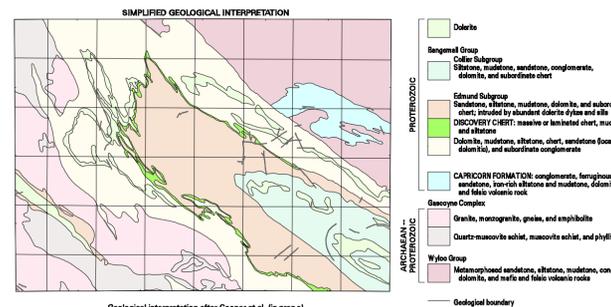
AUSTRALIA 1:250 000 REGOLITH GEOCHEMISTRY SERIES

SHEET SF 50-14

REFERENCE



- RELICT REGIME**
- Rz Stone, sometimes weakly ferruginized, forming remnant land surfaces (may include chlorite-rich saprolite or calcareous)
 - Rgs Siltified capping on sandstone, usually horizontally bedded, forming mesas
- EROSIONAL REGIME**
- Ef Outcrop of apron, bedrock, and subcrop with locally derived sand and sandy clays; coarse boulders may be present adjacent to prominent ranges, derived from ferruginized rock
 - Egm As for 'Ef'; derived from quartzite/diopside metamorphic rock
 - Eqs As for 'Ef'; derived from quartzite/diopside plutonic rock
 - Esa As for 'Ef'; derived from quartzite/diopside sedimentary rock
 - Esb As for 'Ef'; derived from carbonate-rich sedimentary rock
 - Emp As for 'Ef'; derived from coarse-grained ferromagnesian rock
 - Eps As for 'Ef'; derived from quartz-rich sedimentary rock
- DEPOSITIONAL REGIME**
- DOMINANTLY COLLUVIAL**
- C Unconsolidated and semi-consolidated sand, silt, gravel, and rubble (derived from various sources)
 - Cf As for 'C'; derived from strongly ferruginized rock
 - Cg As for 'C'; derived mainly from quartzite/diopside rock
 - Cgm As for 'C'; derived mainly from quartzite/diopside metamorphic rock
 - Cgp As for 'C'; derived mainly from quartzite/diopside plutonic rock
 - Cgs As for 'C'; derived mainly from quartzite/diopside sedimentary rock
 - Ck As for 'C'; derived mainly from calcareous
 - Cks As for 'C'; derived mainly from carbonate-rich sedimentary rock
 - Cqs As for 'C'; derived mainly from quartz-rich sedimentary rock
 - Cmp As for 'C'; derived mainly from coarse-grained ferromagnesian rock
 - Cw Consolidated to semi-consolidated sand, silt, gravel, and rubble
 - Ch Consolidated to semi-consolidated sand, silt, gravel, and rubble; commonly deeply indurated; may include areas of hardpan
- DOMINANTLY ALLUVIAL**
- A Cobbles, gravel, sand, silt, and clay in active alluvial channels; commonly flattened by steep-sided colluvial slopes
 - O Overbank deposits, sand-, or clay-rich alluvium and colluvium on floodplains; includes calcareous fragments and non-saline claypans
 - Ok Valley calcareous, alluvial in places
 - W Sand- and clay-dominated colluvium or sheetwash with indurated alluvial channels; may be scattered with small bales
- SYMBOLS**
- Regolith boundary
 - Minor road
 - Track
 - Breakaway
 - Watercourse
 - Lake
 - Homestead
 - Locality
 - Wanna
 - Two Peaks
 - Kooline
 - Mt Mortimer
 - The Gorge
 - Bell H
 - Mineral occurrence
 - Asbestos, chrysotile
 - Barite
 - Beryllium
 - Copper
 - Gold
 - Lead
 - Manganese
 - Rare-earth elements
 - Silver
 - Uranium
 - Zinc



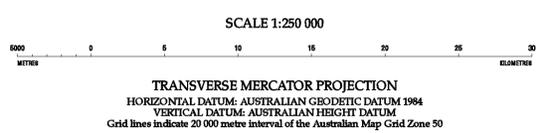
SHEET INDEX

YANLEY SF 50-9	WYLOO SF 50-10	MOUNT BRUCE SF 50-11
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KENNEDY RANGE SG 50-1	MOUNT PHILLIPS SG 50-2	MOUNT EGBERTON SG 50-3

REGOLITH MATERIALS

REGOLITH GEOCHEMISTRY SERIES
EDMUND
 SHEET SF 50-14
 FIRST EDITION 1988
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Edited by D. Ferdinando and G. Loan
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 Topography from Australian Surveying and Land Information Group Sheet SF 50-14 and modified from geological field survey (1997)
 This map was compiled digitally and produced using a Geographic Information System (ARC/INFO), and the data are available in digital form.
 Published by the Geological Survey of Western Australia. Copies of this map, or extracts of the data, are available from the Information Centre, Department of Minerals and Energy, 100 Plain Street, East Perth, W. A., 6004. Phone (08) 9222 3456, Fax (08) 9222 3444



Compiled by K. J. Pye and J. Colar, 1988
 Field observations by A. Franchitto, M. Thie, D. Hrdelick, (Geoschem Australia), S. Shevchenko, S. Chen, and R. Cooper (GSWA), 1997
 Compiled using Landsat TM images 1988 and 1998, black-and-white aerial photography 1978, GSWA geology 1989, and field observations 1987
 The recommended reference for this map is PYE, K. J., COKER, J., FAULKNER, J. A., and SANDERS, A. J., 1998, Edmund, WA Sheet SF 50-14 - Regolith materials, Plate 1: Western Australia Geological Survey, 1:250 000 Regolith Geochemistry Series.

WARNING: Inks are water soluble and will fade with prolonged exposure to light