

**RELICT REGIME**

- Rz Silcrete, weakly ferruginized in places forming remnant land surfaces (may include chondritic capping on surface)
- Rf Iron-rich duricrust forming remnant land surfaces
- Rgs Silified capping on sandstone, commonly horizontally bedded, forming mesas

**EROSIONAL REGIME**

- Ef Outcrop of saprock, bedrock, and subcrop with locally derived sand and sandy clays; cone boundary lag may be present adjacent to prominent ridges, derived from ferruginized rock
- Els As for 'Ef'; derived from banded iron-formation
- Egs As for 'Ef'; derived from quartzite/diagenetic sedimentary rock
- Eks As for 'Ef'; derived from carbonate-rich sedimentary rock
- Emp As for 'Ef'; derived from coarse-grained ferromagnesian rock
- Env As for 'Ef'; derived from fine-grained ferromagnesian rock

**DEPOSITIONAL REGIME**

**DOMINANTLY COLLUVIAL**

- C Unconsolidated and semi-consolidated silt, sand, gravel, and rubble (derived from various sources)
- Cf As for 'C'; derived from strongly ferruginized rock
- Cfs As for 'C'; derived from banded iron-formation
- Cgs As for 'C'; derived mainly from quartzite/diagenetic sedimentary rock
- Cks As for 'C'; derived mainly from carbonate-rich sedimentary rock
- Cmp As for 'C'; derived mainly from coarse-grained ferromagnesian rock
- Cmv As for 'C'; derived from fine-grained ferromagnesian rock
- Cw Consolidated to semi-consolidated silt, sand, gravel, and rubble
- Ch Consolidated to semi-consolidated sand, silt, gravel, and rubble; commonly deeply indurated; may include areas of halogen

**DOMINANTLY ALLUVIAL**

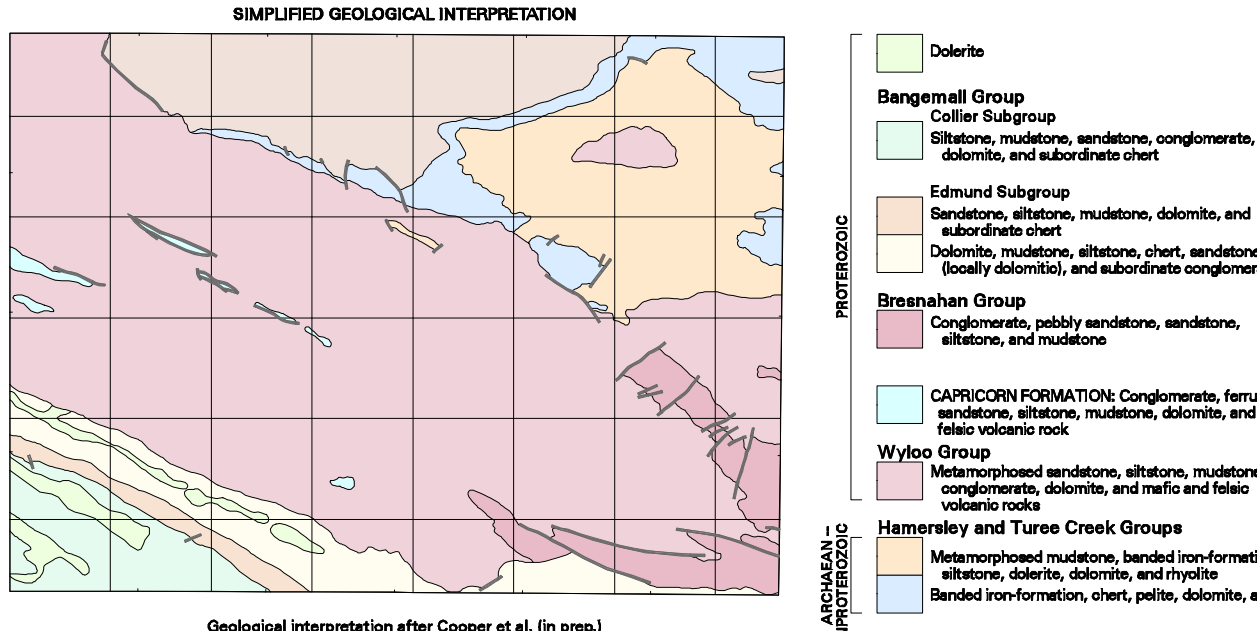
- A Cobbles, gravel, sand, silt, and clay in active alluvial channels; commonly flanked by steep-sided colluvial slopes
- O Overbank deposits, sand- or clay-rich silt/clay and colluvium on floodplains; includes calcareous fragments and non-saline claypans
- Ok Valley calcareous, silified in places
- W Sand- and clay-dominated colluvium or sheetwash with indistinct alluvial channels

**DOMINANTLY EOLIAN**

- S Eolian sand

**SYMBOLS**

- Regolith boundary
- Minor road
- Track
- Railway
- Breakaway
- Watercourse
- Lake
- Miner
- Mt Elephant
- Channar
- Xanadu
- Top Camp
- Major openout
- Openout
- Localities (gold, unless otherwise indicated)
- Prospect
- Mineral occurrence
- Copper
- Asbd
- Gems
- Au
- Pb
- Ag
- Uranium



SHEET INDEX		
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Edited by G. Loan and D. Fernando  
Cartography by L. Kulak  
Topography from Australian Surveying and Land Information Group Sheet SF 50-15 and modified from geological field survey (1997)  
This map was compiled and produced using a Geographic Information System (ArcInfo), 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



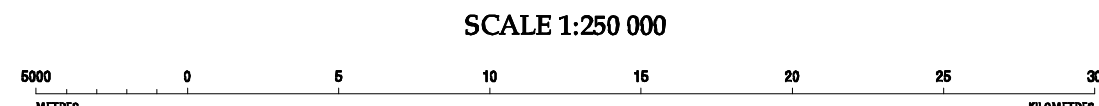
DEPARTMENT OF MINERALS AND ENERGY  
L.C. RANFORD, DIRECTOR GENERAL



GOVERNMENT OF WESTERN AUSTRALIA  
HON. NORMAN MOORE, M.L.C.  
MINISTER FOR MINES



GEOLOGICAL SURVEY OF WESTERN AUSTRALIA  
DAVID BLIGHT, DIRECTOR



TRANSVERSE MERCATOR PROJECTION  
HORIZONTAL DATUM: AUSTRALIAN GEODETTIC DATUM 1984  
VERTICAL DATUM: AUSTRALIAN HEIGHT DATUM  
Grid lines indicate 20 000 metre interval of the Australian Map Grid Zone 50

Compiled by J. Colar, 1997  
Field observations by A. Franchitto, M. Tiller, D. Hardwick (Geochemex Australia), J. Colar, S. Shvachenko, S. Chen, and R. Cooper (GSWA) 1997  
Compiled using Landsat TM Images 1989 and 1993, black and white aerial photography 1969, GSWA geology 1979 - 1974, and field observations 1997  
The recommended reference for this map is: COKER, J., FAULKNER, J. A., and SANDERS, A. J., 1998, Turee Creek, W.A. Sheet SF 50-15 - Regolith Materials, Plate 1: Western Australia Geological Survey, 1:250 000 Regolith Geochemistry Series.

REGOLITH MATERIALS

REGOLITH GEOCHEMISTRY SERIES  
**TUREE CREEK**  
SHEET SF 50-15  
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WARNING: Inks are water soluble and will fade with prolonged exposure to light