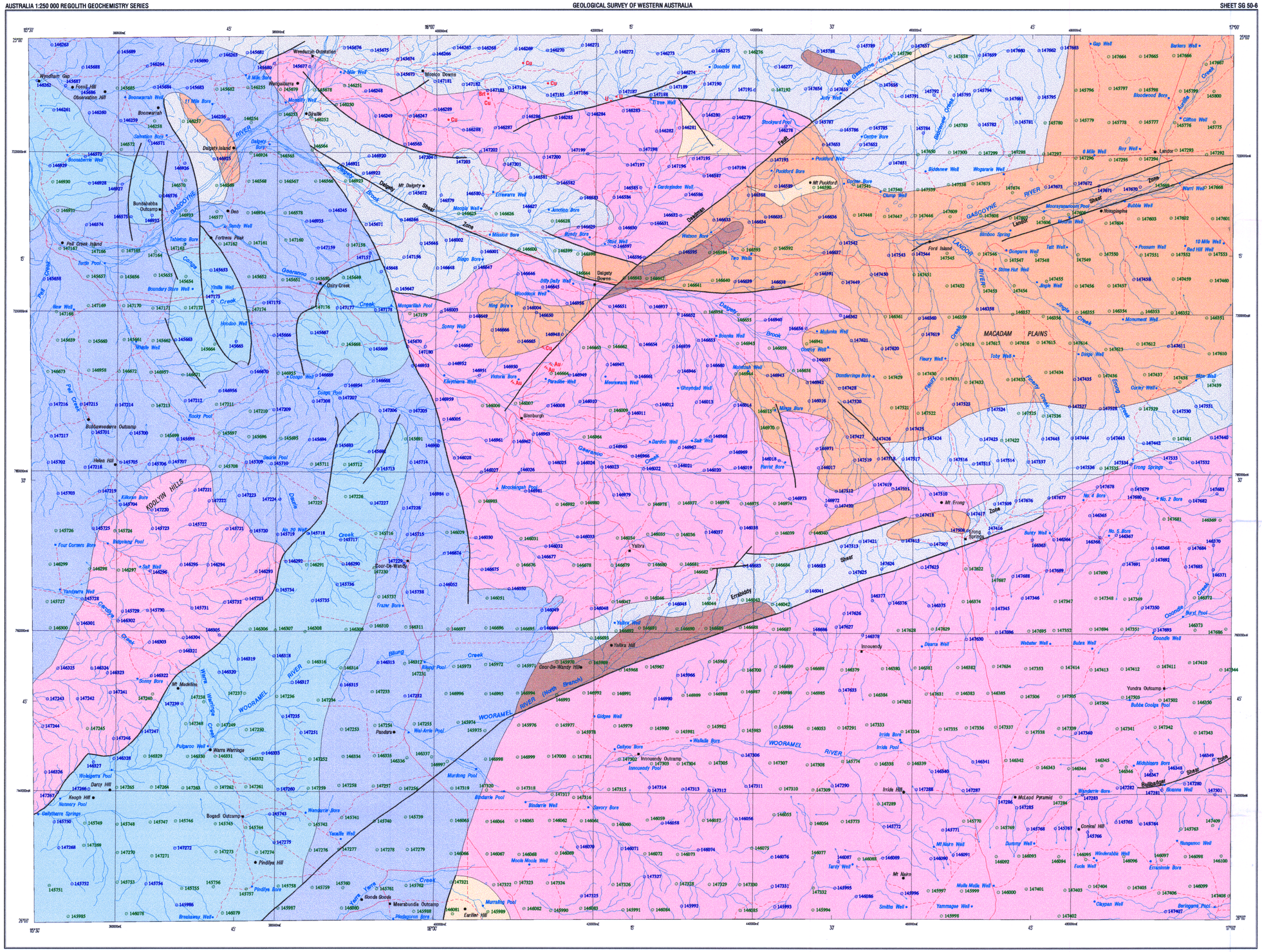
AUSTRALIA 1:250 000 REGOLITH GEOCHEMISTRY SERIES

GLENBURGH

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

SHEET SG 50-6



SAMPLE LOCATIONS

Sample point references

147458 Stream sample

147459 Sheetwash sample

SYMBOLS

- Formed road
- Track
- Watercourse
- Lake
- Landor — Homestead
- Mt Nairn — Locality
- Prospect
- Mineral occurrence
- Brt — Barite
- Cu — Copper
- Au — Gold
- U — Uranium

SIMPLIFIED GEOLOGICAL INTERPRETATION

PHANEROZOIC — PERMO – CARBONIFEROUS — PERMIAN

Byro and Wooramel Groups
Sandstone, siltstone, and shale

Lyons Group and CALLYTHARRA FORMATION
Limestone, conglomerate, sandstone, and siltstone; glaciglene and marine

PROTEROZOIC

Bangemall Group
Shale, sandstone, conglomerate, and dolomite

MOUNT JAMES FORMATION: metamorphosed conglomerate, sandstone, chert, siltstone, and mudstone

Biotite granodiorite, biotite gneiss, biotite-muscovite granodiorite, and monzogranite

Morrissey Metamorphic Suite: quartzite, schist, paragneiss, and migmatite

ARCHAEAN – PROTEROZOIC

Gneiss, quartzite, granitoid rock, and quartz-magnetite rock

Geological boundary

Fault

SHEET INDEX

KENNEDY RANGE SG 50-1	MOUNT PHILLIPS SG 50-2	MOUNT EGERTON SG 50-3
WOORAMEL SG 50-5	GLENBURGH SG 50-6	ROBINSON RANGE SG 50-7
YARINGA SG 50-9	BYRO SG 50-10	BELELE SG 50-11

SAMPLE LOCATIONS

REGOLITH GEOCHEMISTRY SERIES

GLENBURGH

SHEET SG 50-6

FIRST EDITION 1998

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Edited by N. Tetlaw, D. Ferdinando and G. Loan

Cartography by G. Jose

Topography from Australian Surveying and Land Information Group Sheet SG 50-6 and modified from geological field survey (1997)

This map was compiled 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 from the database, are available from the Information Centre, Department of Minerals and Energy, 100 Plain Street, East Perth, W. A., 6004. Phone (08) 9222 3459, 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

SCALE 1:250 000

0000 METRES 5 10 15 20 25 30 KILOMETRES

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

Sampling by C. Swager, S. Occhipinti, I. Copp, R. Hocking, S. Sheppard, K. Chakraborty, and D. Flint (GSWA), 1997

Total sample sites: 1019; 514 sheetwash and 505 stream sediment

Analyst: Genalysis Laboratory Services. Minimum sample size: 1.5 kg. Fraction of sample analysed: > 0.45mm < 2mm

Geological interpretation after Williams et al. (1983), Hocking (1990), and Hunter (1990)

The recommended reference for this map: SANDERS, A. J., FAULKNER, J. A., COKER, J., and MORRIS, P. A., 1998, Glenburgh, W.A. Sheet SG 50-6 – Sample locations, Plate 2: Western Australia Geological Survey, 1:250 000 Regolith Geochemistry Series.

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