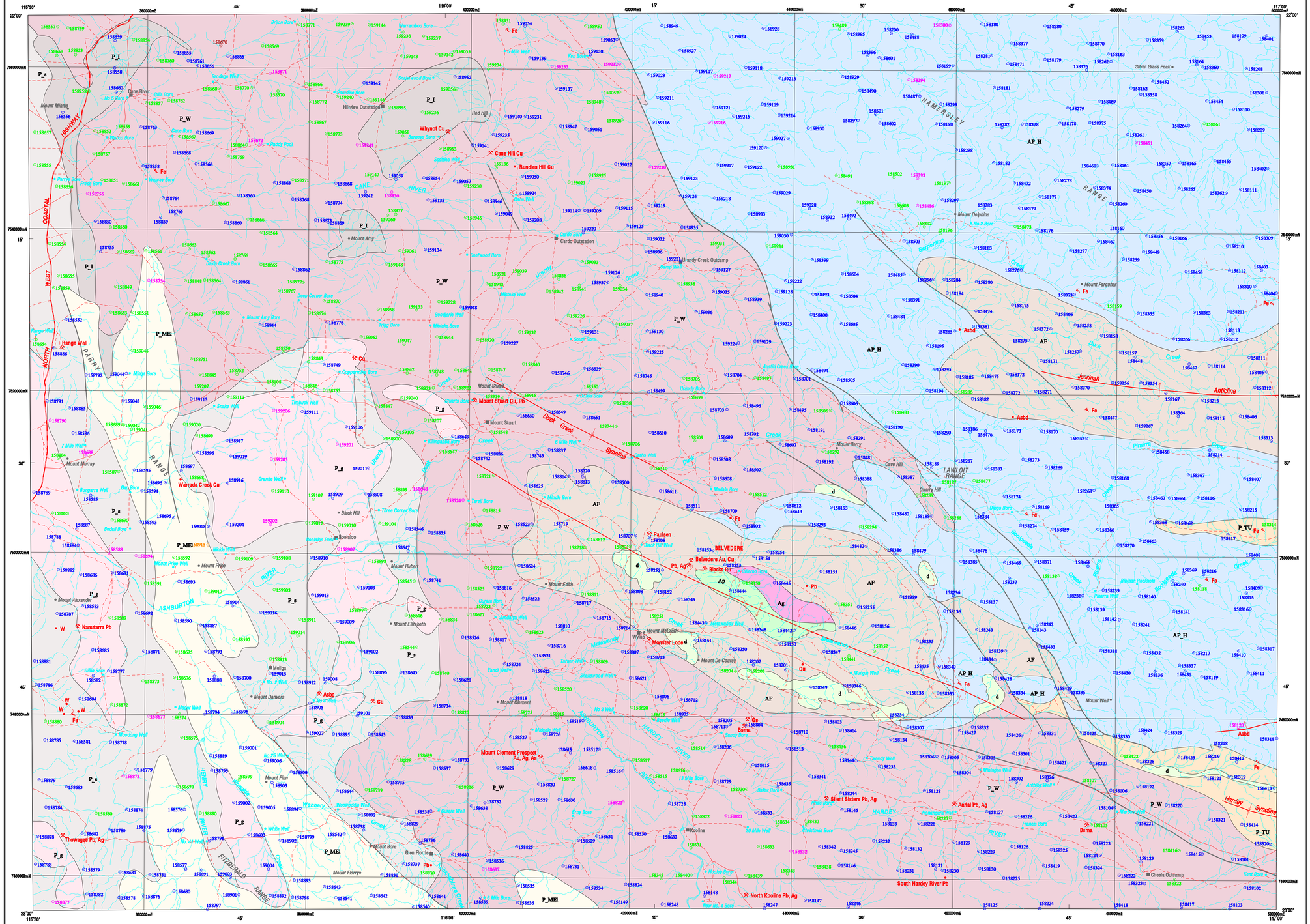
WYLOO

AUSTRALIA 1:250 000 REGOLITH GEOCHEMISTRY SERIES | GEOLOGICAL SURVEY OF WESTERN AUSTRALIA | SHEET SF 50-10



SAMPLE LOCATIONS

Sample point reference

- 158101 Stream sample
- 158105 Sheetwash sample
- 158120 Soil sample
- 158670 Lake sample
- 158915 Sandplain sample

SYMBOLS

- Highway
- Formed road
- Track
- Watercourse
- Lake
- Wyloo — Homestead
- Red Hill — Locality
- BELVEDERE — Mining centre
- Thowagee — Mine (gold, unless otherwise indicated)
- Paulsen — Prospect (gold, unless otherwise indicated)
- Mineral occurrence
- As — Arsenic
- Asbc — Asbestos, chrysotile
- Asbd — Asbestos, crocidolite
- Cu — Copper
- Gs — Gemstones
- Au — Gold
- Fe — Iron
- Pb — Lead
- Bema — Marble
- Ag — Silver
- W — Tungsten

GEOLOGICAL INTERPRETATION

PROTEROZOIC

- d — Dolerite

Bangemall Group

- P_MEI — Edmund Subgroup: Dolomite, mudstone, siltstone, chert, sandstone (locally dolomitic), and subordinate conglomerate

Mount Minnie Group

- P_I — Quartz sandstone, conglomerate, siltstone, and mudstone

Gascoyne Complex

- P_g — Granodiorite, monzogranite, and granite
- P_s — Schist, gneiss, amphibolite, marble, skarn, quartzite, and metapelite

Wyloo Group

- P_W — Sandstone, siltstone, mudstone, conglomerate, dolomite, and mafic and felsic volcanic rocks; metamorphosed

Turee Creek and Hamersley Groups

- P_TU — Mudstone, banded iron-formation, chert, siltstone, dolerite, dolomite, and rhyolite; metamorphosed
- AP_H — Banded iron-formation, chert, pelite, dolomite, and tuff; metamorphosed

Fortescue Group

- AF — Basalt, mafic volcaniclastic rock, argillite, sandstone, chert, conglomerate, and komatiite; metamorphosed

ARCHAEAN

- Ag — Archaean granite; includes Metawandy Granite
- Ap — Archaean greenstones; includes mafic volcanic rocks of the Pilbara Supergroup

Geological boundary

Fault

Anticline

Syncline

SHEET INDEX

OSBORN SF 50-6	YARRALOOLA SF 50-7	PYRAMID SF 50-7
YARREY / WINGALOO SF 50-9, PART SF 49-12	WYLOO SF 50-10	MOUNT BRUCE SF 50-11
WINNING POOL - MINILYA SF 50-13, PART SF 49-16	EDMUND SF 50-14	TUREE CREEK SF 50-15

SAMPLE LOCATIONS

REGOLITH GEOCHEMISTRY SERIES

WYLOO

SHEET SF 50-10

FIRST EDITION 1999

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Edited by N. Tetlaw and C. Brien

Cartography by L. Kukuls

Topography from Australian Surveying and Land Information Group, and Department of Land Administration Sheet SF 50-10 and modified from geological field survey (1998)

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 3459, Fax (08) 9222 3444

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GEOLOGICAL SURVEY OF WESTERN AUSTRALIA
DAVID BLIGHT, DIRECTOR

SCALE 1:250 000

6000 METRES 0 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

Compiled by K. J. Pye 1998

Sampling by R. Iasky, F. Irimies, K. Pye, and S. Shevchenko (from GSWA), and S. Baesjou, J. Bradley, A. Lee, S. McGuinness, and B. White, 1998

Total Sample Sites: 1007; 699 stream, 271 sheetwash, 35 soil, 1 sandplain, and 1 lake

Analyst: Amdel Laboratories. Minimum sample size: 1.5kg.
Fraction of sample analysed: >0.45mm <2mm

Geological interpretation after Seymour et al. (1988), Cooper et al. (1998a), and Thorne and Hickman (1998)

The recommended reference for this map is:
PYE, K. J., 1999,Sample Locations, Wyloo, W.A. Sheet SF 50-10, *in* Geochemical mapping of the Wyloo 1:250 000 sheet *by* K. J. Pye, A. J. Sanders, and J. A. Faulkner: Western Australia Geological Survey, 1:250 000 Regolith Geochemistry Series Explanatory Notes, Plate 2

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