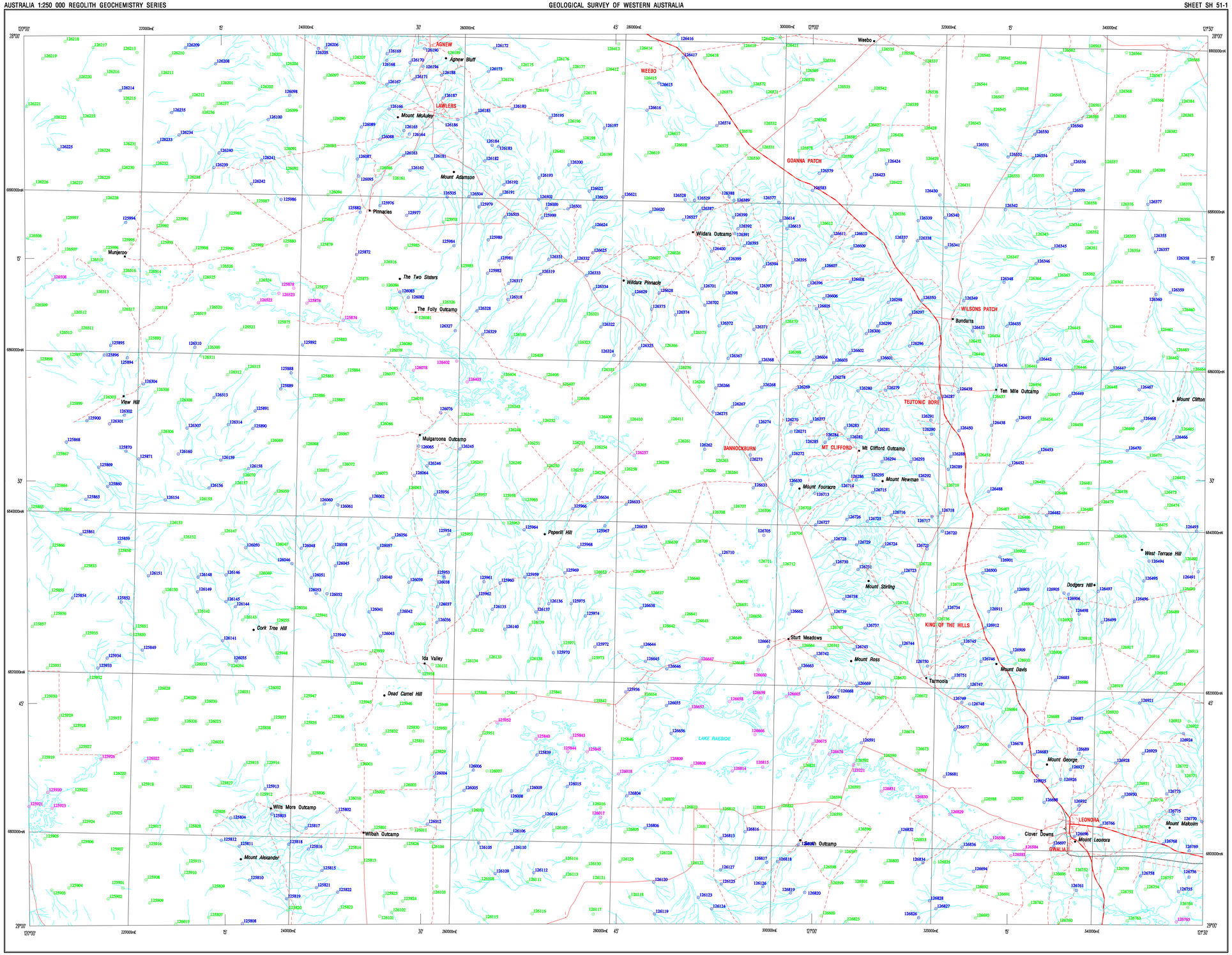
LEONORA

AUSTRALIA 1:250 000 REGOLITH GEOCHEMISTRY SERIES | GEOLOGICAL SURVEY OF WESTERN AUSTRALIA | SHEET SH 51-1



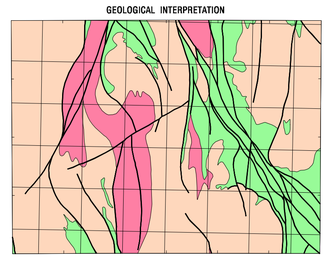
SAMPLE LOCATIONS

Sample point references

- 122123 Lake sample
- 122123 Stream sample
- 122123 Soil sample

- Principal road
- Minor road
- Track
- Watercourse and lake boundaries
- Railway
- Mount Ross — Locality
- Weebo — Homestead
- LAWLERS — Mining locality

GEOLOGICAL INTERPRETATION



- Granitoid rock
- Strongly foliated granitoid rock and granitoid gneiss; minor amphibolite
- Volcano-sedimentary greenstone belt
- Major fault

Geological interpretation after A.H. Hickman (in prep.), AGSO (1993), and T.J. Griffin and W.K. Witt (pers. comm.)

INDEX TO ADJOINING SHEETS

SANDSTONE SG 50-16	SIR SAMUEL SG 51-13	DUKETON SG 51-14
YOUANMI SH 50-4	LEONORA SH 51-1	LAVERTON SH 51-2
BARLEE SH 50-8	MENZIES SH 51-5	EDJUDINA SH 51-6

SAMPLE LOCATIONS

REGOLITH GEOCHEMISTRY SERIES

LEONORA

SHEET SH 51-1

FIRST EDITION 1995
Western Australia ©

Edited by: C. Strong and G. Loan

Cartography by: K. Smith and A. Rogers

Topographic information supplied by the Australian Surveying and Land Information Group

This map was compiled digitally from the geochemical database held by Geological Survey Western Australia and stored in the ORACLE database management system; compiled and produced using a Geographic Information System, Arc/Info, and available in digital form

Copies of this map, or extracts from the database, are available from the Department of Minerals and Energy, 100 Plain Street, East Perth, 6004

DEPARTMENT OF MINERALS AND ENERGY
HON. GEORGE CASH JP., M.L.C.
MINISTER FOR MINES
K.R. PERRY, DIRECTOR GENERAL

SCALE 1:250 000

5000 0 5 10 15 20 25 30
METRES KILOMETRES

TRANSVERSE MERCATOR PROJECTION
Grid lines indicate 20 000 metre interval of the Australian Map Grid Zone 51

PIETRO GUJ
DIRECTOR, GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

Sampling by: J.M. Storey and J.J. Bradley (GSWA) with assistance from G. Mehri, D. Ellis and G. Kjellgren (Geochemex) 1994

Total sample sites: 1042; 453 stream sediment, 43 lake sediment, and 546 soil

Analyst: AMDEL Laboratories. Minimum sample size: 1.5 kg. Fraction of soil, stream sediment and lake sediment samples analysed: -2mm+0.45mm

The recommended reference for this map: BRADLEY, J.J., SANDERS, A.J., VARGA, Z.S., and STOREY, J.M., 1995, Leonora, W.A. -- Sample locations: Western Australia Geological Survey, 1:250 000 Regolith Geochemistry Series

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