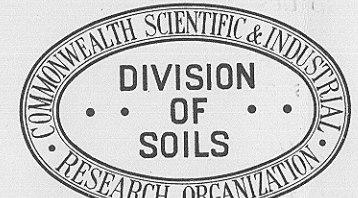
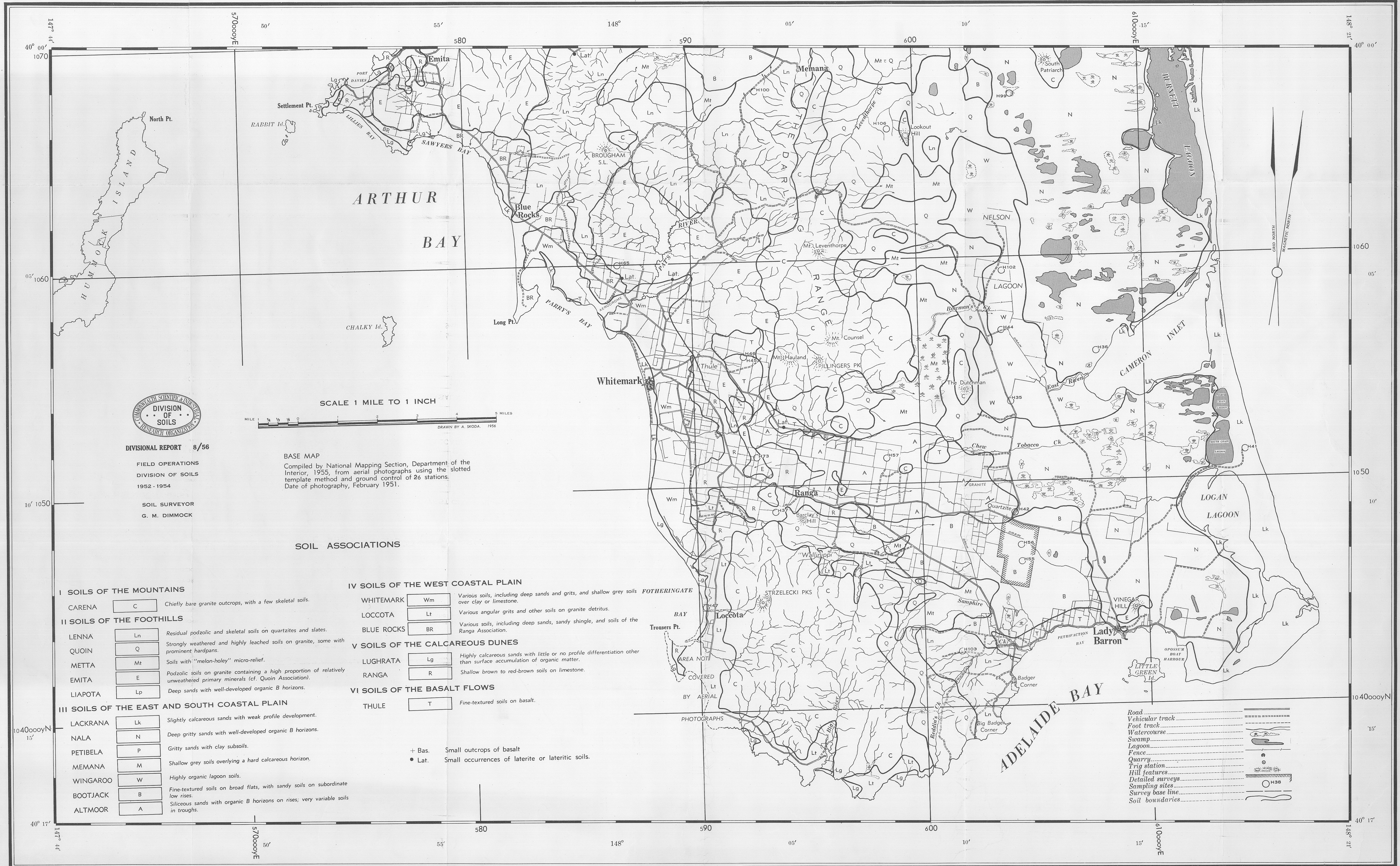


RECONNAISSANCE SOIL MAP OF TASMANIA

FLINDERS ISLAND
(SOUTH)

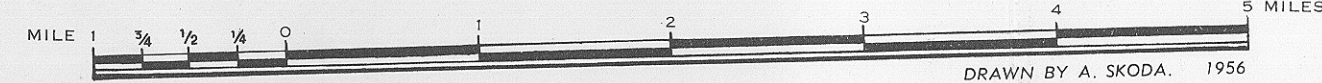


DIVISIONAL REPORT 8/56

FIELD OPERATIONS
DIVISION OF SOILS
1952-1954

SOIL SURVEYOR
G. M. DIMMOCK

SCALE 1 MILE TO 1 INCH



BASE MAP

Compiled by National Mapping Section, Department of the Interior, 1955, from aerial photographs using the slotted template method and ground control of 26 stations. Date of photography, February 1951.

SOIL ASSOCIATIONS

I SOILS OF THE MOUNTAINS

CARENA C Chiefly bare granite outcrops, with a few skeletal soils.

II SOILS OF THE FOOTHILLS

- LENNA Ln Residual podzolic and skeletal soils on quartzites and slates.
- QUOIN Q Strongly weathered and highly leached soils on granite, some with prominent hardpans.
- METTA Mt Soils with "melon-hole" micro-relief.
- EMITA E Podzolic soils on granite containing a high proportion of relatively unweathered primary minerals (cf. Quoin Association).
- LIAPOTA Lp Deep sands with well-developed organic B horizons.

III SOILS OF THE EAST AND SOUTH COASTAL PLAIN

- LACKRANA Lk Slightly calcareous sands with weak profile development.
- NALA N Deep gritty sands with well-developed organic B horizons.
- PETIBELA P Gritty sands with clay subsoils.
- MEMANA M Shallow grey soils overlying a hard calcareous horizon.
- WINGAROO W Highly organic lagoon soils.
- BOOTJACK B Fine-textured soils on broad flats, with sandy soils on subordinate low rises.
- ALTMOOR A Siliceous sands with organic B horizons on rises; very variable soils in troughs.

IV SOILS OF THE WEST COASTAL PLAIN

- WHITEMARK Wm Various soils, including deep sands and grits, and shallow grey soils over clay or limestone.
- LOCCOTA Lt Various angular grits and other soils on granite detritus.
- BLUE ROCKS BR Various soils, including deep sands, sandy shingle, and soils of the Ranga Association.

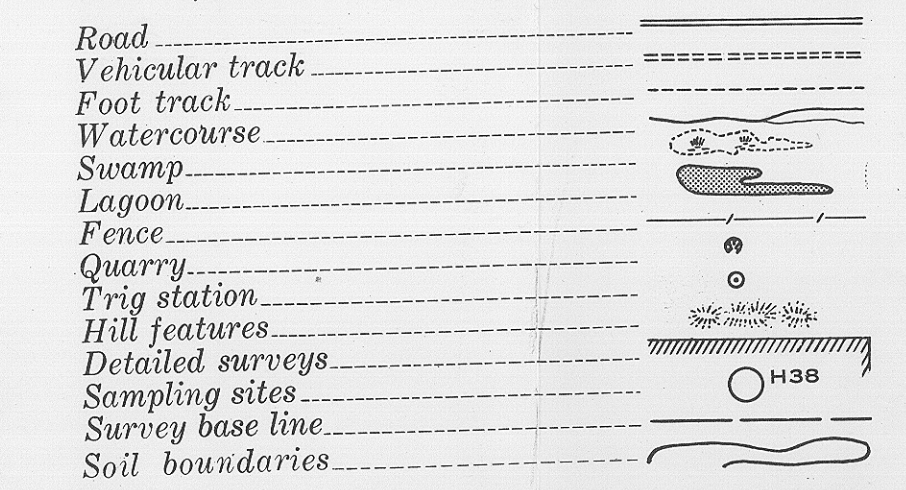
V SOILS OF THE CALCAREOUS DUNES

- LUGHRATA Lg Highly calcareous sands with little or no profile differentiation other than surface accumulation of organic matter.
- RANGA R Shallow brown to red-brown soils on limestone.

VI SOILS OF THE BASALT FLOWS

- THULE T Fine-textured soils on basalt.

- + Bas. Small outcrops of basalt
- Lat. Small occurrences of laterite or lateritic soils.



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