



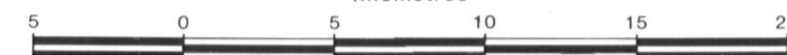
DEPARTMENT OF PRIMARY INDUSTRIES

BATAVIA DOWNS

SOIL ASSOCIATIONS

by M.J. Grundy and I.J. Heiner

SCALE 1:250000
kilometres



GRID LINES ARE 10 000 METRE INTERVALS OF THE AUSTRALIAN MAP GRID, ZONE 54
GRID VALUES ARE SHOWN IN FULL ONLY AT THE SOUTH WEST CORNER OF THE MAP
TRANSVERSE MERCATOR PROJECTION

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REFERENCE

Mapping code¹ Major Great Soil Group² Associated soils Area (ha)

SOILS OF THE UNDULATING TO ROLLING HILLS (H) ON SEDIMENTARY ROCKS³ (S)

LHS Lithosol (L) Earthy sand 3850

SOILS OF THE UNDULATING LOW HILLS (L) ON SEDIMENTARY ROCKS³ (S)

RELS Red earth (RE) Yellow earth, earthy sand 2665

YELS Yellow earth (YE) Grey earth, red earth, earthy sand 9450

ESLS Earthy sand (ES) Red earth, yellow earth 2225

SOILS OF THE GENTLY TO UNDULATING RISES (R) ON SEDIMENTARY ROCKS⁴ (S)

RERS Red earth (RE) Yellow earth, earthy sand 13455

YERS Yellow earth (YE) Red earth, earthy sand 33350

ESRS Earthy sand (ES) Yellow earth, red earth 3195

GERS Grey earth (GE) Yellow earth 5035

SOILS OF THE GENTLY UNDULATING RISES (R) ON CLAYSTONE COLLUVIA⁵ (C)

BCRC Brown clay (BC) Xanthozem 5920

XRC Xanthozem (X) Brown clay 16325

SOILS OF THE LEVEL TO GENTLY UNDULATING PLAINS (P) ON SEDIMENTARY ROCKS⁴ (S)

GEPS Grey earth (GE) Yellow earth, podsol 38715

YEPS Yellow earth (YE) Grey earth, podsol 18170

REPS Red earth (RE) Podsol, yellow earth 2205

ESPS Earthy sand (ES) Podsol 1645

SOILS OF THE GENTLY UNDULATING PLAINS AND RISES (P) ON TERTIARY LATERITIC REMNANTS (R)

REPR Red earth (RE) Yellow earth, earthy sand 27825

YEPR Yellow earth (YE) Grey earth, red earth, earthy sand 4440

SOILS OF THE ALLUVIAL PLAINS (AP)

PAP Podsol (P) 11310

MISCELLANEOUS UNITS

S Seasonal or permanent swamps 365

I Ironstone ridges 525

1. The first one or two letters of the mapping code refer to the major great soil group, the second last letter refers to the landform and the last to the geological substrate. Where similar mapping codes are adjacent, they differ in one or more resource attributes. These are detailed in the UMA database.

2. Great Soil Group after Stace *et al.* (1968), *A Handbook of Australian Soils*.

3. These sediments form part of the Gilbert River Formation of Willmott and Powell (1977)

4. These sediments form part of the Rolling Downs Group of Willmott and Powell (1977)

5. The colluvia was derived from elements of the Bulimba Formation of Willmott and Powell (1977)

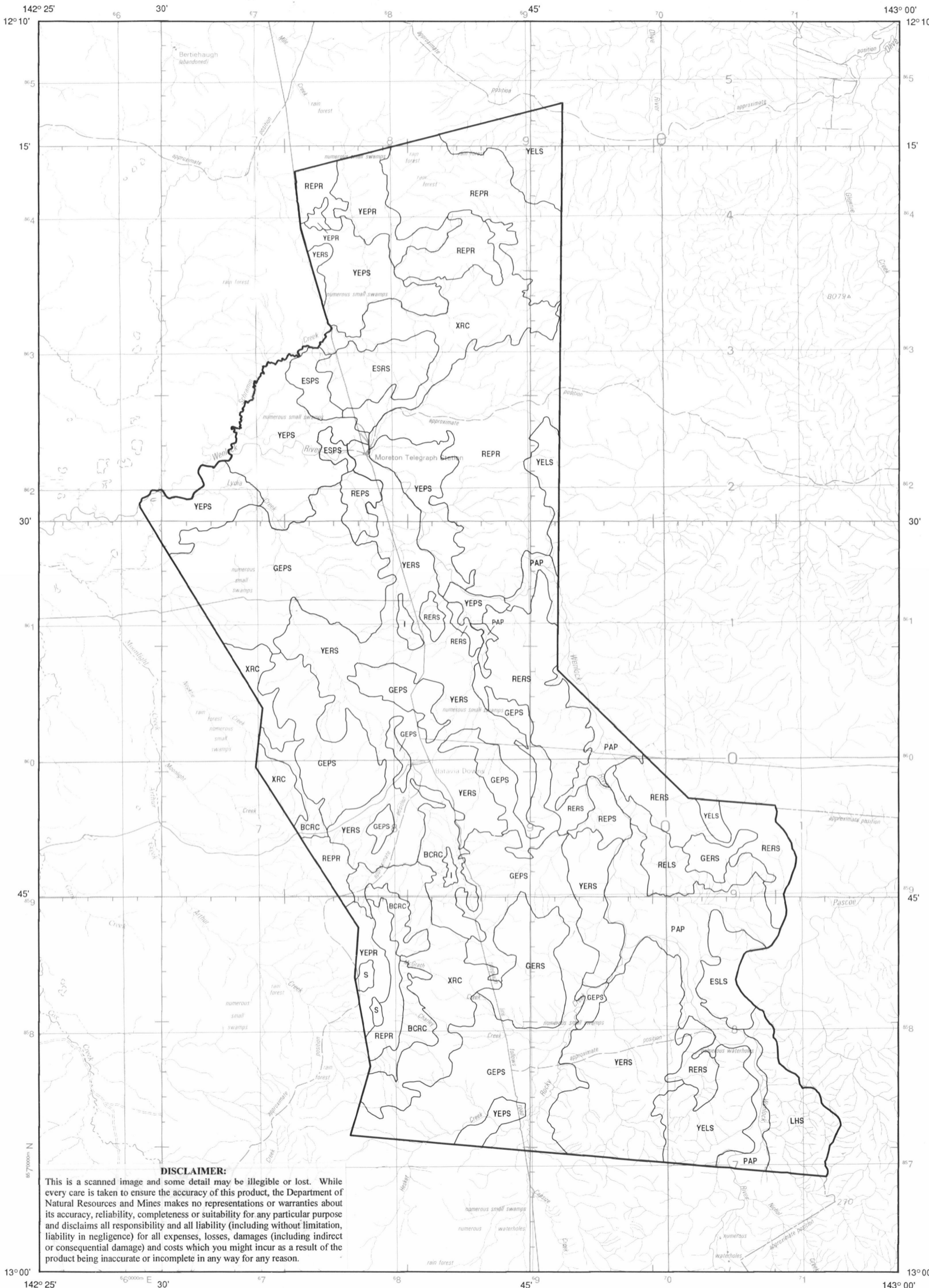
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CARTOGRAPHY by G.J. Finney, Land Resources Branch, Department of Primary Industries, Brisbane.

BASE MAP compiled from the Weipa SD 54-3 and Cape Weymouth SD 54-4 sheets of the 1:250 000 Joint Operations Graphic Series supplied by the Royal Australian Survey Corps.

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Batavia Downs
Soil Associations
D.P.I. Ref. No. 91-129-P2907



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