

PARISH

OF

JOHNSTONE

VCL

52

95
V

61

UTCHEE

60

53
R929

59

Experimental

55

Farm

Reserve

2
RP 17112

48

BI

56

58

ROAD

135

15

145° 55'

1
RP 32453



QUEENSLAND
DEPARTMENT OF PRIMARY INDUSTRIES

UTCHEE CREEK SUB-STATION,
NORTH QUEENSLAND

SOILS

by I.J.Heiner and C.D.Smith

SCALE 1:5000



GRID VALUES ARE 1000 METRE INTERVALS OF THE AUSTRALIAN MAP GRID, ZONE 55, CENTRAL MERIDIAN 147° E

TRANSVERSE MERCATOR PROJECTION

INTENSITY STATEMENT

This is a very high intensity soil survey. It is based on ground observations of the order of one observation to an area of 2.50 ha for the area suitable for agriculture.

© QUEENSLAND GOVERNMENT, 1987

REFERENCE

MAPPING UNIT	MAJOR ATTRIBUTES OF DOMINANT SOIL	GREAT SOIL GROUP ¹	PPF ²
SOILS OF THE UNDULATING TO ROLLING LOW HILLS ON BASALT			
Pg	Pin Gin ³ 0.10 - 0.20m red light clay A horizon over acid red light to light medium clay moderately to strongly pedal B horizon to 1.2+m.	Krasnozem	Uf6.31
PgRp	Pin Gin, rocky phase As for Pin Gin series description with exposed basaltic rock.	Krasnozem	Uf6.31
SOILS OF THE UNDULATING TO STEEP LOW HILLS ON METAMORPHIC ROCKS			
UPPER SLOPES			
GaSp	Galmeta, steep phase 0.10-0.20m red-brown clay loam A1 horizon over red-brown clay loam A2 horizon to 0.15-0.40m over acid red light clay moderately pedal B horizon with metamorphic gravel to 0.60-1.2+m.	Red podzolic soil	Gn3.14
MID SLOPES			
BI	Bingii ³ 0.15-0.20m red clay loam A horizon over red clay loam upper B horizon to 0.40-0.60m over red light clay moderately pedal lower B horizon with metamorphic gravel throughout to 1.2+m.	Krasnozem	Gn3.11
FANS			
Ms	Mission ³ 0.10-0.20m red, red-brown to brown clay loam fine sandy (minor clay loam) A horizon over acid red clay loam fine sandy to light clay apedal B horizon with metamorphic gravel throughout to 1.2+m.	Red earth	Um 5.52
MsGv	Mission, gravelly variant 0.10-0.15m red-brown to brown clay loam to clay loam fine sandy A horizon over acid red-brown to yellow-brown clay loam fine sandy apedal B horizon with abundant weathered metamorphic gravel to 0.90m.	Red earth	Gn 2.11 Um 5.52

¹ After Stace et al. (1968) "A Handbook of Australian Soils."

² Principal Profile Form (Northcote 1979)

³ Soils named after Murtha (1986).

- Clear boundary (first order soils boundary)
- - - Gradual or inferred boundary (second order soils boundary)
- S2 Soil sampling site.

DISCLAIMER

This is a scanned image and some detail may be illegible or lost. While every care is taken to ensure the accuracy of this product, the Department of Natural Resources and Mines makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way for any reason.

SURVEY by I.J. Heiner and C.D. Smith, Land Resources Branch, Queensland Department of Primary Industries.

CARTOGRAPHY by M.J. Bryant, Land Resources Branch, Queensland Department of Primary Industries.

BASE MAP supplied by the Department of Mapping and Surveying, and reproduced with the permission of the Surveyor General, Queensland.

PRINTED at the Government Printing Office, Brisbane, 1987.

LEGEND

- Research Station boundary ————
- Buildings —■—■—
- Road ————
- Track ————
- Internal fence ————
- Paddock designation (A)