



QUEENSLAND DEPARTMENT OF PRIMARY INDUSTRIES

Q.W.R.I. EXPERIMENTAL FARM - WELLCAMP

**SOILS**

by B.Powell and N.G.Christianos

SCALE 1 : 2 500



**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 0.7 ha.

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**REFERENCE**

MAPPING UNIT	MAJOR ATTRIBUTES OF DOMINANT SOIL	GREAT SOIL GROUP <sup>+</sup>	P.P.F.**
SOILS OF VERY GENTLY INCLINED ALLUVIAL FANS ON BASALT			
Cm	Craigmore*	Strongly self mulching 3-10mm granular surface, dark medium to medium heavy clay to 0.95-1.25m over alkaline brown to red brown medium to medium heavy clay.	Black earth Ug 5.15
CmCp	Craigmore - coarse self mulching phase	Strongly self mulching 5-15mm granular surface.	Black earth Ug 5.15
Iv	Irving*	Strongly self mulching 2-5mm granular surface, dark medium to medium heavy clay to 0.8-1.15m over alkaline brown to red brown medium to medium heavy clay.	Black earth Ug 5.15
YgDv	Yargullen* - deep variant	Strongly self mulching 2-4mm granular surface, dark medium heavy clay to 0.84-0.86m over strongly calcareous brownish yellow light medium clay.	Black earth Ug 5.11
Ms	Miscellaneous - recent alluvium	Strongly self mulching 2-10mm granular surface, dark alkaline medium to medium heavy clay to 0.45-1.35m over alkaline dark to brown D horizons or buried soils.	Black earths and prairie soils Ug 5.17 Uf 6.32

Note: \* Soils named after Thompson and Beckmann (1959)

\*\* Principal Profile Form (Northcote, 1971)

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

•B3 Soil sampling site.

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