KEY TO THE DETAILED SOIL MAPS

SYMBOL	SOIL SERIES	SUBSOIL	GENERALIZED SOIL CHARACTERISTICS
0	*Variable CONTEMPORARY alluvium, hill wash, mining sludge, dredge tailings, and erosion surfaces; undulating, subject to frequent flooding and scouring; red gum forest and tea-tree swamps.*		
01	POREPUNKAH	STONES and large gravel	Evident stratification. Soils generally structureless and barely coherent, some surface soils may lack stratification and have crumb structure. Organic matter and dark brown iron stainings may extend to depth.
02	Unnamed	SAND and small gravel	
03	MYRTLEFORD	FINE SANDY LOAM	
04	WANGARATTA	FINE SANDY CLAY LOAM	
1	*FIRST TERRACE and some CONES of HILL WASH. Recently abandoned stream courses with steep banks; even surfaces apart from some areas of point bars and scours; infrequent flooding; mixed forest or woodland now cleared. Depressions and swamps included in 15 and 16.*		
11	Unnamed	STONES and large gravel	No fine stratification in the first two feet. Soils weakly coherent and structured. Distinct colour change from grey-brown surface to brown subsoil, except in 16 (see below), swamps, and grey variant. 16 bleached grey surface with buckshot gravel; yellow to grey subsoil.
12	Unnamed	SAND and small gravel	
13	OVENS	FINE SANDY CLAY LOAM *	
14	Unnamed	CLAY LOAM or LIGHT CLAY	
15	Unnamed	MEDIUM or HEAVY CLAY	
16	OXLEY FLATS	FINE SANDY CLAY LOAM to light clay	
2	*SECOND TERRACE and many CONES of HILL WASH; eroded areas of higher terraces; banks of old stream courses reduced to gentle slopes; terrace surfaces even and flat, or in some cases stepped; rarely if ever flooded; woodland in drier parts.*		
21	Unnamed	STONES and large gravel	Grey brown loam to fine sandy clay loam surface changes sharply in colour and gradually in texture to red brown clay loam or light clay with weak to moderate structure. 26 resembles 16 but has denser subsoils.
23	MERRIANG	FINE SANDY CLAY LOAM	
24	EUROBIN	LIGHT CLAY	
26	Unnamed	CLAY LOAM to CLAY	
3	*THIRD TERRACE and some CONES of HILL WASH; old stream courses filled in; escarpment eroded and some streams cut, elsewhere flat with even surfaces; open woodland, forest in higher reaches.*		
34	TARA	LIGHT CLAY	Greatest variation with drainage and local climate; least dependance on parent material; gravels weathered to deeper than 4 feet. 34 and 35 sharp textural change to blocky red brown clay subsoils. 36 similar to 26. 35f red brown very friable and earthy clay subsoils.
35	RANDELONG	MEDIUM CLAY	
36	Unnamed	MEDIUM or HEAVY CLAY	
35f	BUFFALO	LIGHT or MEDIUM CLAY	

* Fine sandy loam in light phase

OTHER SOIL FEATURES

SURFACES

e.g. $l3^{fsl}$	Ovens fine sandy loam
c	clay
cl	clay loam
fscl	fine sandy clay loam
fsl	fine sandy loam
grcl	gravelly clay loam
grl	gravelly loam
l	loam
s	sand
scl	sandy clay loam
sl	sandy loam
sil	silt loam

COMPLEXES of two soil types

e.g. $l3^{fsl}$ — 16

PHASES

·.·.·./p	light profile
+ + +	shallow profile
o o o	light deep subsoil
▵ ▵ ▵	gleyed deep subsoil

VARIANTS

C	colluvial cone
CT	colluvial terrace
ds	deep surface
ls	light surface
f	friable profile
g	grey profile
gr	gravelly profile
gt	gritty profile
hp	heavy profile
r	reddish profile

CONVENTIONAL SYMBOLS

Uncl.	soils unclassified
N.S.	area not surveyed
	soil type boundary
	soil phase or variant boundary
	stream bed
wc	watercourse
	scour line
	drain
	erosion scarp with soil change
	erosion scarp without soil change
	parish boundary
e.g. OXLEY 14 OF 2	parish name allotment and section
d	depression
	permanent swamp
	pit or quarry
	made ground or surface removed
	dam
42▲	type sample site
57△	reference site (unsampled)
granite	granite exposed or at shallow depth
m	slates etc. exposed or at shallow depth