

Primary Production Landscapes of Victoria	Dominant soil order (ASC)	Factual Key	Soil distribution within AEL	Description	Management Issues										Other Management and related Issues	Representative sites Benchmark and demo sites. VRO examples		
					Acidity-surface	Acidity_subsoil	Alkalinity_surface	Alkalinity_subsoil	Surface structure	Wind erosion	Water erosion	Waterlogging	Sodicity_surface	Sodicity_subsoil			Potential chemical deficiency	Potential chemical excess
Central Victoria : Northern slopes	Sodosols	Dr	80%	Loamy (fine sandy) surface and bleached subsurface visibly over a red clay subsoil. Occasionally calcareous. Found on low undulating slopes and plains.											P	ESP, Soluble salts	Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.	LP98, Bet Bet3
Central Victoria : Northern slopes	Chromosols	Dr	5%	Loamy (fine sandy) surface and bleached subsurface visibly over a red clay subsoil. Occasionally calcareous. Found on undulating slopes and plains.											P		Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.	LP40, LP80, LP60, LP62
Central Victoria : Northern slopes	Kurosols	Dy	5%	Sandy loam surface, often with a bleached subsurface containing buckshot (ironstone gravels) over a heavy mottled brown/yellow and grey subsoil. Found on undulating slopes.											P	Al	Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.	LP44, Bet Bet
Central Victoria : Northern slopes	Sodosols	Db, Dy	5%	Loam (fine sandy) surface and bleached subsurface visibly over a mottled brown, yellow and grey clay subsoil. Found on undulating slopes and plains.											P	ESP, Soluble salts	Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.	LP97, LP63, WLRA143
Central Victoria : Northern slopes	Vertosols	Ug	3%	Black and grey cracking clay soil with self-mulching to coarse structured surfaces. High shrink-swell soils causing local irregular ground surface (melonhole/gilgai). Found in depressions or on alluvial plains.											P, Fe	ESP, Soluble salts	Surface: compaction, high clay content and shrink-swell properties. Subsoil: compaction, coarse structure, high clay content and shrink-swell properties.	LP115
Central Victoria : Northern slopes	Tenosols	Uc/Gn	2%	Sandy soils that are acidic and may have a restrictive horizon (iron/organic pan/clay) at depth below a bleached horizon. Found on plains and rises.											P	Al	Surface: water repellence, nutrient retention. Subsoil: nutrient retention.	Mid Loddon - see Richard
Central Victoria : Southern slopes	Sodosols	Db, Dy	45%	Loamy (fine sandy) surface and bleached subsurface visibly over a mottled brown/yellow/ grey or black clay subsoil. Found on undulating slopes and plains.											P	ESP, Soluble salts	Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.	GL169, GL168, Bet Bet 2
Central Victoria : Southern slopes	Chromosols	Dy, Db, Dr	20%	Loamy (fine sandy) often with a bleached subsurface visibly over brown, yellow or grey clay subsoil (often red mottled). Found on undulating slopes, terraces and alluvial plains.											P	na	Surface: water repellence, nutrient retention, potential surface sealing, pans and gravel. Subsoil: compaction, dense and coarse structure, high clay content and some shrink-swell properties.	LP82, LP60, GL166, GL171
Central Victoria : Southern slopes	Dermosols	Gn	15%	Finely structured (friable) red and black clay loam to clay soils. Found on volcanic eruption points.											P	Al	Surface: stoniness and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content.	LP14, see Richard
Central Victoria : Southern slopes	Kurosols	Dy, Db	10%	Sandy loam surface often with a bleached subsurface containing buckshot (ironstone gravels), visibly over a heavy mottled brown, yellow and grey subsoil. Found on undulating to rolling slopes.											P	Al	Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.	GH6
Central Victoria : Southern slopes	Ferrosols	Uf, Gn	5%	Strongly structured (friable) red clay loam to heavy clay soils with high iron content. Found on volcanic eruption points and associated footslopes.											P	Al	Surface: stoniness and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content.	LP99 see Richard
Central Victoria : Southern slopes	Tenosols, Rudosols and Kandosols	Uc, Um	5%	Sandy soils that may have a restrictive horizon (iron/organic pan or clay) at depth below a bleached horizon. Found on granitic slopes and sandplains.											P	Al	Surface: water repellence, nutrient retention. Subsoil: nutrient retention.	Sutton grange? Cobaw, Campapse? Bayrton?
Central Victoria : Grampians	Tenosols, Rudosols, Podosols and Kandosols	Uc, Um	45%	Sandy soils that may have a restrictive horizon (iron/organic pan) at depth below a bleached horizon. Found on footslopes and sandplains.											P	Al	Surface: water repellence, nutrient retention. Subsoil: nutrient retention.	WLRA54
Central Victoria : Grampians	Sodosols, Chromosols	Dy	30%	Loamy (fine sandy) surface and bleached subsurface visibly over a mottled brown, yellow and grey clay subsoil. Found on footslopes and plains.											P	ESP, Soluble salts	Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.	ALRA67
Central Victoria : Grampians	Kurosols	Dy	25%	Sandy loam surface often with a bleached subsurface containing buckshot (ironstone gravels) visibly over a heavy mottled brown, yellow and grey clay subsoil. Found on undulating to rolling slopes.											P	Al	Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.	