

Local Planning Policy 4.12: Horticulture

| Soil-landscape mapping unit | | | Less than 50% of the map unit classed as High, Very High or Extreme Phosphorus Export Hazard? | Proportional Land Capability Category for In-ground Horticulture | | | Is the map unit potentially suitable for in-ground horticulture? A=Annual P = Perennial V= Vines |
|-----------------------------|--------------------|---|---|--|---------------|-----------|---|
| Map Unit Symbol | Map Unit Name | Map unit description | | Annual (A) | Perennial (P) | Vines (V) | |
| 213Pj__P7 | Pinjarra P7 phase | Seasonally inundated swamps and depressions with very poorly drained variable acidic mottled yellow and gley sandy duplex and effective duplex soils. | No | C2 | C2 | C2 | No |
| 213Pj__P7a | Pinjarra P7a phase | Seasonally inundated swamps and depressions with very poorly drained variable acidic mottled yellow and gley duplex soils becoming alkaline with depth. | No | C2 | C2 | C2 | No |
| 213Pj__P7b | Pinjarra P7b phase | Seasonally inundated swamps and depressions or seepage areas near the base of the foothills with very poorly drained deep bleached siliceous sands. | No | C2 | C2 | C2 | No |
| 213Pj__P8 | Pinjarra P8 phase | Broad poorly drained flats and poorly defined stream channels with moderately deep to deep sands over mottled clays; acidic or less commonly alkaline gley and yellow duplex soils to uniform bleached or pale brown sands over clay. | Yes | C2 | C2 | C2 | No Unless land capability constraints can be managed |

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| 213Pj__P9 | Pinjarra P9 phase | Shallowly incised stream channels of minor creeks and rivers with deep acidic mottled yellow duplex soils. | No | C2 | C2 | C2 | No |
| 213Pj__P9a | Pinjarra P9a phase | Generally shallow incised stream channels of minor creeks and rivers with poorly drained deep mottled yellow duplex soils, becoming alkaline with depth. | No | C2 | C2 | C2 | No |
| 213PjSWP10 | Pinjarra P10 phase | Gently undulating to flat terraces adjacent to major rivers, but below the general level of the plain, with deep well drained uniform brownish sands or loams subject to periodic flooding. | Yes | B2 | A2 | A2 | Yes APV |
| 213PjSWP10a | Pinjarra P10a phase | Flat terraces adjacent to major rivers with deep black cracking clays with alkaline subsoils; soils similar to P5. | No | C2 | C2 | C2 | No |
| 213Pj__P11 | Pinjarra P11 phase | Shallow brown loamy soils or less commonly, very shallow sands over ironstone pavement which is a clear barrier to drainage. | Yes | C2 | C2 | C2 | No Unless land capability constraints can be managed |

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| <p>The Bassendean System (212Bs) consists of sand dunes and sand plains with flats and swamps on sandy alluvium over sedimentary rocks. Soils include pale deep sand, semi-wet soil, and wet soil. These soils have low fertility and are susceptible to leaching. In the Peel, these soils may become waterlogged because of high groundwater levels and may become flooded in some areas. Native vegetation is mainly banksia-paperbark woodlands and mixed heaths.</p> | | | | | | | |
| 212Bs__B1 | Bassendean B1 phase | Extremely low to very low relief dunes, undulating sandplain and discrete sand rises with deep bleached grey sands sometimes with a pale-yellow B horizon or a weak iron-organic hardpan at depths generally greater than 2 m; banksia dominant. | No | B1 | B1 | B1 | No |
| 212Bs__B1a | Bassendean B1a phase | Extremely low to very low relief dunes, undulating sandplain and discrete sand rises with deep bleached grey sands with an intensely coloured yellow B horizon occurring within 1 m of the surface; marri and jarrah dominant. | Yes | B1 | B1 | B1 | Yes, APV |
| 212Bs__B2 | Bassendean B2 phase | Flat to very gently undulating sandplain with well to moderately well drained deep bleached grey sands with a pale-yellow B horizon or a weak iron-organic hardpan 1-2 metres. | No | B1 | B1 | B1 | No |

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| 212Bs__B2a | Bassendean B2a phase | Flat to very gently undulating sandplain with well to moderately well drained deep bleached grey sands with an intensely coloured yellow B horizon usually well within 1 m of the surface. | No | B1 | A1 | A1 | No |
| 212Bs__B3 | Bassendean B3 phase | Closed depressions and poorly defined stream channels with moderately deep, poorly to very poorly drained bleached sands with an iron-organic pan, or clay subsoil. Surfaces are dark grey sand or sandy loam. | No | C2 | C2 | C2 | No |
| 212Bs__B4 | Bassendean B4 phase | Broad poorly drained sandplain with deep grey siliceous sands or bleached sands, underlain at depths generally greater than 1.5 m by clay or less frequently a strong iron-organic hardpan. | No | C2 | C2 | C2 | No |
| 212Bs__B5 | Bassendean B5 phase | Shallowly incised stream channels of minor creeks and rivers with deep grey siliceous sands or bleached sands, underlain at depths generally greater than 1.5 m by clay or less frequently a strong iron-organic hardpan. | No | C2 | C2 | C2 | No |

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| 212Bs__B6 | Bassendean B6 phase | Sandplain and broad extremely low rises with imperfectly drained deep or very deep grey siliceous sands. | No | C2 | C2 | C1 | No |