

About Million Trees

In early 2010 the City of Greater Geraldton held a series of World Cafés (chats with community members) and asked locals what they liked about the place they called home, what they didn't want to lose as the City grows and what would make it an even better place to live by 2029 and Beyond.

The number one answer was that the community wanted more trees planted.

Million Trees is the flagship 2029 and Beyond project.

It's up to the community to make their dream happen!

f  'Like' Million Trees Geraldton

p 9956 6600

e milliontrees@cgg.wa.gov.au

w www.milliontrees.cgg.wa.gov.au find Million Trees Project.

a City of Greater Geraldton Civic Centre, Cathedral Avenue

Download a copy of the Million Trees companion brochure **TEN TOP TREES** to help you match your soil type with a good tree.

Make your tree count!

Go to www.milliontrees.cgg.wa.gov.au



Soil matters

Soils around Geraldton, Mullewa and Walkaway have many influences — the coast, the rivers and rocks (geology). People have also influenced the soil with landfill, imported soils or earthmoving. Soils in new gardens might be quite different to soils in established gardens.

Soil is a mixture of different sized particles (sand, loam and clay). Get a small handful of soil, moisten it a bit and try to make a small ball. If your soil is mainly sand, it feels a bit gritty (it has larger particles), it falls apart easily when you try to make a ball and usually doesn't stain your hands. Sometimes sand is even hard to get wet (water repellent).

Loams and clays feel smoother (they have tiny particles), make a ball easily and might stain your hands a bit.

Some plants grow better than others in different soils and sometimes this is because of how alkaline or acidic the soil is. You can get simple to use soil pH testing kits from hardware stores, rural suppliers or nurseries.

Now that you can work out if your soil is sandy, loamy or clayey, and if it is limey or neutral, you can work out what soil you have — Coastal limey sands, Neutral sands or Red brown clays/loam.

So dig a good hole to check there are no barriers to the plant roots, work out what soil you have and test your pH to be sure.

Happy gardening!

Angela Stuart-Street
Department of Agriculture and Food, Western Australia

TOP TREE TIPS



million trees

Soil Map

What is your soil type?



The City of Greater Geraldton and the Department of Agriculture and Food, Western Australia, collaborated to produce a soil map of Geraldton, Walkaway and Mullewa that residents can use to help make smart planting decisions and reach their goal to plant a Million Trees that thrive.

This map, used in combination with a simple soil test, can help residents determine what their soil type is.

Planting a Million Trees is an aspiration expressed by residents of the City of Greater Geraldton as we head towards 2029 and Beyond.

Find your property and its soil type online

1. Go to the City of Greater Geraldton's website www.cgg.wa.gov.au
2. Find 'mapping services' and then 'intramaps public'
3. From here you can type in your street address and select "DAFWA Soil Characteristics" as a layer
4. Cross reference your online map with the legend on the hardcopy map overleaf

More match-making

Match this soil map with its companion Million Trees brochure, Top Ten Trees and get more guidance on a good tree to plant for your conditions.



Yet another great local resource

For more great selections drop in and get your copy of a NACC Native Garden Guide (coastal or inland) available from the City for a gold coin donation.

Right soil + Right tree = compatibility!

Planting a Million Trees is in the community's hands.



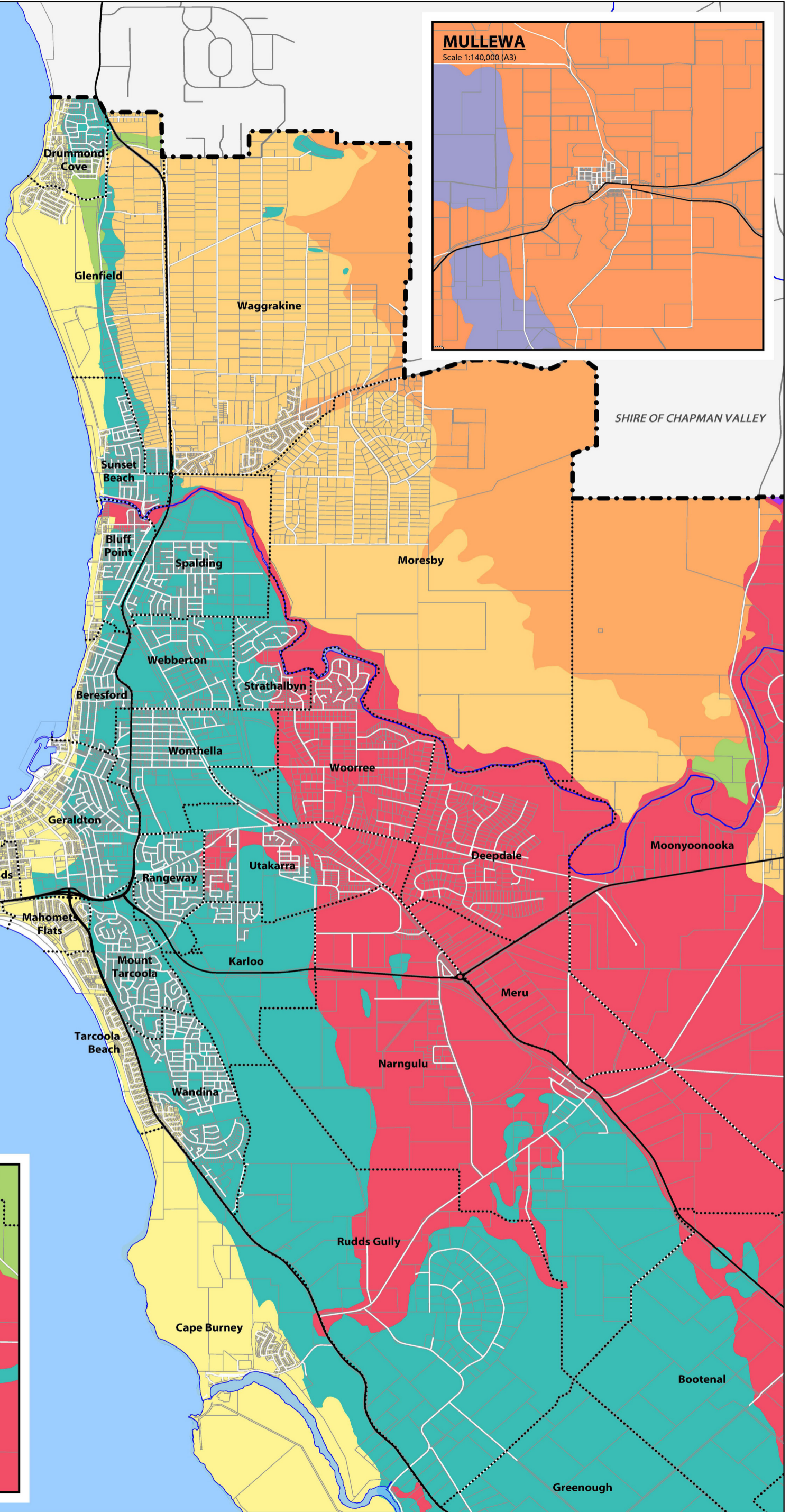
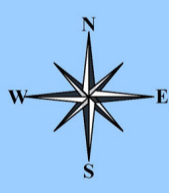
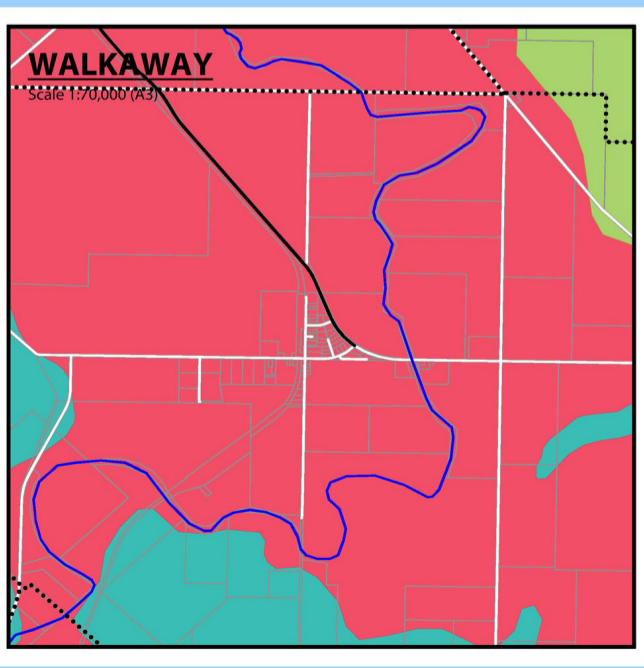
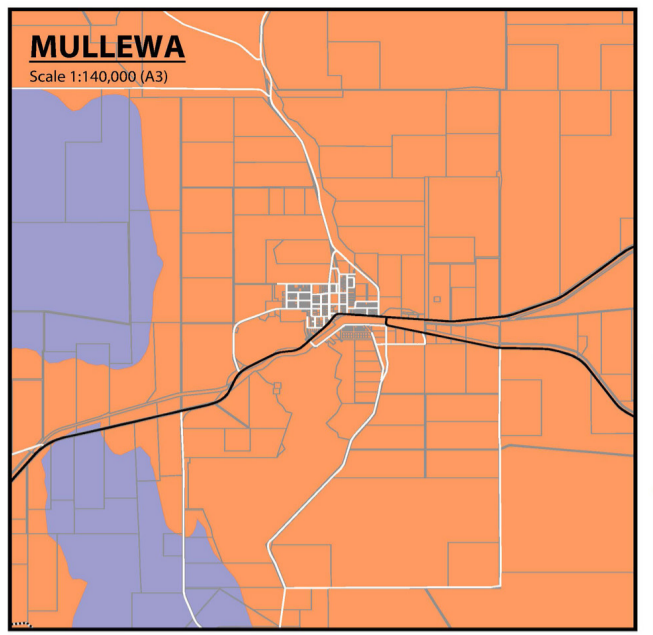
LEGEND

-  Cadastral Boundaries (Lots)
-  Rivers and Streams
-  LGA Boundary
-  Locality Boundaries
-  Major Roads
-  Local Roads
-  **Coastal Dunes**
Mainly white to greyish sand; alkaline (limey) pH; water repellent.
-  **Limestone Hills**
Mainly grey, yellow or red sand over limestone, deep and shallow soils; mix of alkaline (limey) and neutral pH; water repellent.
-  **Greenough Flats**
Mainly red loams, clays and sands; neutral pH.
-  **Yellow Sandplain**
Mainly yellow sand; neutral to slightly acid pH; water repellent.
-  **Sandy Plains and Slopes**
Mainly yellow sands; acid pH; water repellent.
-  **Moresby Range Footslopes**
Mainly pale sand over clay; slightly acid pH; water repellent.
-  **Granite Hills**
Mainly red or brown loams or sand over clay with rocky areas; deep and shallow soils; slightly acid pH.
-  **Mullewa Hills and Plains**
Mainly red loams and sands with rocky areas; many shallow soils; slightly acid to neutral pH.

Please Note

Your backyard soils may not be exactly as mapped here. It may have been changed by building materials, landfill or introduction of other soils. Always test your pH to be sure.

The scale of this map shows the main soil type in each area but soil types vary quite a lot so soils may be found in an area that is different to what is shown.



Department of Agriculture and Food



City of Greater Geraldton
a vibrant future



SOIL TYPES
of Geraldton, Mullewa & Walkaway
Scale 1:70,000 (A3)