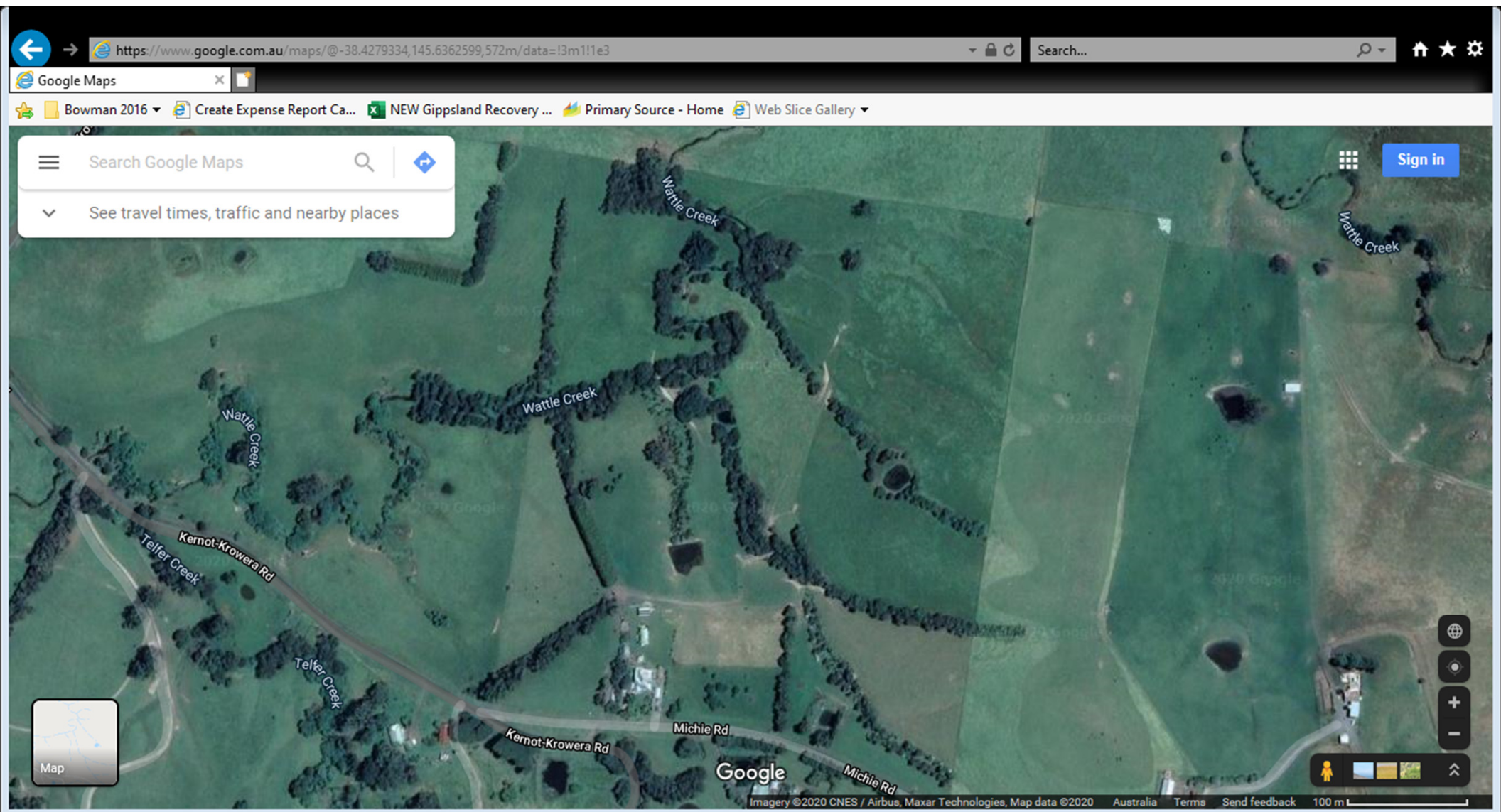


Summary of paddock assessment

- Pasture, type, growth, composition, vigour
- Topography , slope, aspect,
- Soil type, Clay, sand or loam
- Soil test information, P K S , pH, sum of cations, % of cations
- Soil structure: soil condition, drainage, water holding capacity
- Soil problems: Aluminium %, Sodium %, Acidity

What you can do on your farm ?

- Take some soil tests
- Map out the different soil types on your farm
- Seek some advice or do your homework
- Identify the problem paddocks on the farm
 - Poor drainage
 - Poor pasture growth
 - Short season
 - Unproductive species, ie bent grass, kikuyu, docks, capeweed
 - Put “difficult to manage areas” of the farm into trees or wetlands



https://www.google.com.au/maps/@-38.4279334,145.6362599,572m/data=!3m1!1e3

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- Landform
- Land Use
- Soil**
- Soil Health
- Soil Health Checklist
- Soil Management
- Coastal Acid Sulfate Soils
- Soil Matters
- Soil and Land Survey Directory
- Soil pH
- Soils Glossary
- Soil Texture
- Land and Water Management
- Catchment Management Regions
- Soil and Land Survey Directory

Statewide

Soil

Victoria has a wide variety of soil types that reflect differences in soil forming processes dictated by factors such as geology, landform, stream activity, vegetation, climate and age (i.e. degree of weathering). Soil underpins the productive potential of Victorian agriculture and forestry and the majority of soils are generally highly productive under good management practices.

Victorian Resources Online presents a wide range of soil information which will be continually expanded throughout the course of the project. A number of broadscale soil maps of Victoria are presented. More detailed soil maps and information will be progressively developed.

Soil Health

Soil Health refers to the 'fitness' (or condition) of soil to support specific uses (e.g. crop growth). This section provides a range of information on soil health, including a 'soil health checklist', 'soil health management plan', information sheets and key legacy documents.

Soil pH

Overview maps of surface and subsoil pH for Victoria, together with general information about soil pH and its significance for agriculture.

Soil Texture

Overview maps of soil surface and subsoil texture for Victoria.



- Soil
- Soils of West Gippsland
- Regional soil/landform mapping
- Soil Management
- Detailed Soil Surveys
- West Gippsland soil pits
- Land and Water Management
- Soil and Land Survey Directory
- VRO Sitemap
- VRO Feedback

The high resolution PDF file provided on this page can be viewed using the free Adobe PDF reader and this software can be installed from the [Adobe website](#) (external link). This PDF is provided with a high level of detail and with the intent that it should be printed at a high resolution.

This is a clickable map. Click soil pit on map for detailed information.



- West Gippsland soil pits
- Land and Water Management
- Soil and Land Survey Directory
- VRO Sitemap
- VRO Feedback

Soil Profile Morphology:

Surface Soil

A1	0-15 cm	Very dark greyish brown (10YR3/2); <i>clay loam fine sandy</i> ; moderate coarse subangular blocky , parting to strong fine polyhedral, and fine subangular blocky structure; very firm consistence dry; pH 5.7; clear change to:
A2	15-35 cm	Greyish brown (10YR5/2) conspicuously bleached (10YR7/2d); <i>clay loam fine sandy</i> ; root channel mottling present; moderate subangular blocky, parting to weak fine polyhedral structure; very firm to strong consistence dry; contains a few (2%) subrounded manganese (< 5 mm in size) segregations; pH 6.0; clear and wavy change to:

Subsoil

B21	35-55 cm	Very dark greyish brown (10YR3/2) with few (10%) brownish yellow (10YR6/6) mottles; <i>heavy clay</i> ; strong coarse prismatic , parting to moderate coarse prismatic, parting to moderate coarse angular polyhedral structure; strong consistence dry; smooth faced peds; pH 6.1; gradual change to:
B22	55-85 cm	Light olive brown (2.5Y5/4) with brownish yellow (10YR6/6) and dark greyish brown (10YR4/2) mottles common (10-20%); <i>medium heavy clay</i> ; more plastic than clay above; strong coarse prismatic, parting to moderate coarse blocky structure; pH 6.6; gradual change to:
C	85-100+ cm	Weathered sediments.

Key Profile Features:

- Strong texture contrast between surface (A1) horizon and subsoil (B21) horizon.
- A sporadic bleach occurs occasionally within the subsurface (A2) horizon.



Site GP51 Profile

Grazfert farm walk 2020

- Your greatest assets on your farm are:
- Soil : Structure and fertility
- Water: rivers, dams, wetlands
- The farmer: skills, knowledge & understanding the systems approach
- Productivity: $\text{Income} - \text{costs} = \text{profit} / \text{loss}$
- Sustainability : the farm business, your pastures, your stock & You
- Wealth creation: The farm value, environmental enhancement, personal wellbeing

- All these need to be looked after

Questions ?

Thanks