

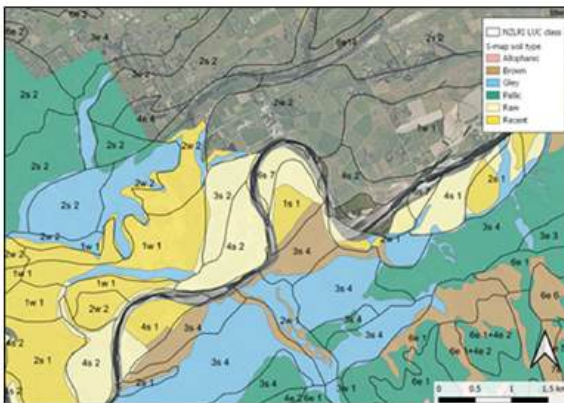


Mapping

Mapping is a powerful tool that transforms complex information into an easy-to-understand visual format. It can be developed using different tools and techniques, including Geographic Information Systems (GIS).

GIS mapping is one of the most effective ways of displaying geographic data, and be used as a decision support tool for farmers. In Freshwater Farm plans, maps must include information related to:

- Land units
- Soil types
- Water bodies
- Areas of intensive grazing
- Drainage systems
- Irrigation frost protection
- Other farm features



How can Lowe Environmental Impact (LEI) help you?

Our GIS technical team and environmental specialists can provide accurate data capture analysis and mapping, including:

- **Land use capability (LUC)** classes and soil type identification to help achieve sustainable land development and management at a farm and catchment level.
- **Slope mapping** to identify stock exclusion areas to protect the health of waterways.
- **Risk identification areas** at your farm and catchment level.
- **Action plan** development and support to mitigate the risks to waterways.
- **3D farm modelling:** digital layouts for planning, design, and analysis.

Who is Lowe Environmental Impact (LEI)?

Our GIS technical team along with the environmental and agricultural specialists can assist you with the preparation of GIS maps required by Farm plans. The maps can be used as a decision-making support tools which will help farmers to make the right choice to protect the waterways and the wider environment.