



Glen Innes Natural Resources Advisory Committee

# Mapping in your pocket

## Why use Phone Based GPS Apps?

- ▶ Most smartphones have built-in GPS
- ▶ Use satellites - so no need for mobile reception
- ▶ Often free (some have advertising, though)
- ▶ Data captured in real-time
- ▶ Simple export of data
- ▶ Transferable between iOS and Android



# What Apps?

Apple.....or..... Android



- ▶ GPS Receiver
- ▶ GPS Waypoints - Lite
- ▶ Theodolite
- ▶ Google Earth
- ▶ Avenza Maps



- ▶ GPS Waypoints
- ▶ Google Earth
- ▶ Avenza Maps

▶ As simple or as detailed as you want



## What can you map?

- ▶ Weeds! New infestations, critical weeds e.g., Serrated tussock
  - ▶ Monitoring over time
- ▶ Farm infrastructure
  - ▶ Water troughs and pipes
  - ▶ Gates
  - ▶ Roads and tracks
- ▶ Great for emergency planning, trouble shooting leaking pipes
- ▶ An add-on to your farm plan or farm biosecurity plan

# How to use the data



Send to contractors via mobile - this can be as a URL that will open in Google maps



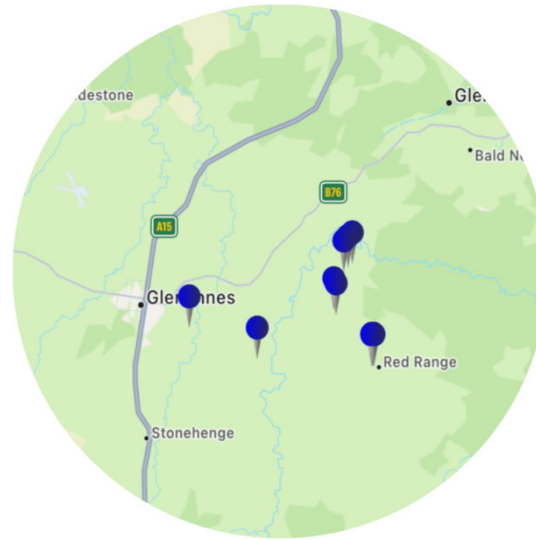
Export and open with Google Earth on your mobile device or the computer



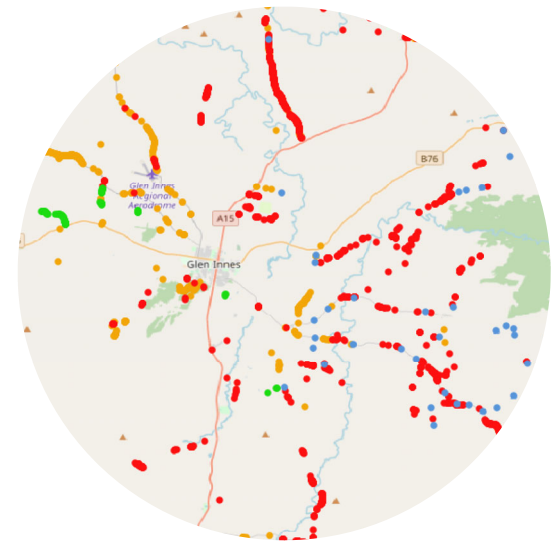
Create maps using GIS software



Data Capture



Google Earth



GIS Mapping

What does the data look like?

Have a Question?



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Resources available

[www.glenrac.org.au](http://www.glenrac.org.au)

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