



## CASE STUDY

### Installation of Sentek EnviroScan® Soil Moisture Probes in Two Vineyard Sites

#### Quick Facts

<b>Client:</b>	NMIT, Ararat Campus	<b>Date:</b>	August 2014
<b>Location:</b>	Ararat, Victoria	<b>Ref:</b>	HT 06-053-001
<b>Products:</b>	Sentek EnviroScan Soil Moisture Probes		
<b>Services:</b>	Installation of sensors and telemetry		

The NMIT Ararat campus produced its first vintage in 2005 and provides extensive training facilities, along with a 30 hectare vineyard, 250 tone winery and a four hectare lavender farm.

#### Assignment

- Installation of four soil moisture probes, along with telemetry capabilities for all probes
- Testing equipment operation and training of local staff for ongoing use of technology.

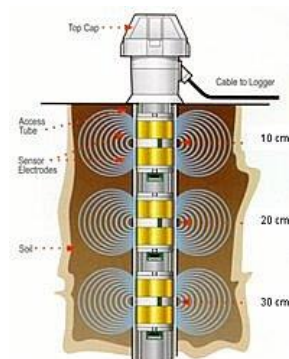
#### HydroTerra Solution

- HydroTerra selected Sentek EnviroScan probes as the most suitable sensors and provided telemetry equipment necessary to complete the project along with trained staff to install and setup the total system.
- EnviroScan offers continuous soil water monitoring, and has the following capability:
  - multiple sensors with flexible depth placement - shallow (0cm-10cm) to deep (up to 30m)
  - Up to 16 sensors per probe
  - Log 32 sensors and 8 EnviroSCAN probes
  - Flexible logging intervals, ranging from 1 minute to over 16 hours
  - Large data storage capacity and several data retrieval options
  - Flexible power supply options
  - Cable length up to 500 meters; Four probes can be connected to the one cable

#### Ararat Campus/Vineyard



#### EnviroScan®



#### EnviroScan® probe

