



**ICT**  
**Envirostation**  
**&**  
**NSW**  
**Railcorp**

# NSW Railcorp's Objective...

Monitor rainfall, soil moisture  
and soil water potential under  
a railroad in southern Sydney



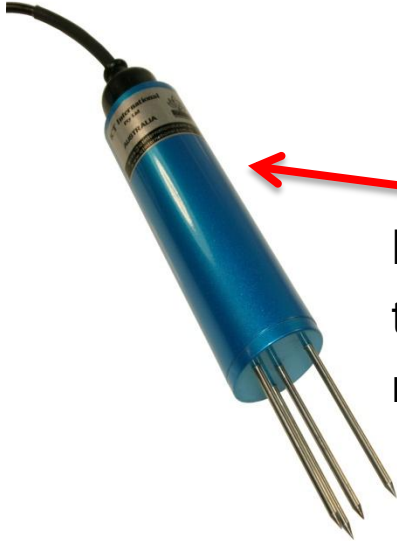
# ICT International Solution...



Tipping Bucket  
Rain Gauge  
to monitor rainfall

ICT Envirostation  
as a logging solution

Tensiometer to  
monitor soil water potential



MP406 Soil Moisture Sensor  
to monitor volumetric soil  
moisture content

# Installation of Rain Gauge...



Tipping Bucket  
Rain Gauge



# Installation of Soil Moisture Sensors...

8 sensors installed at various depths down to 4 metres

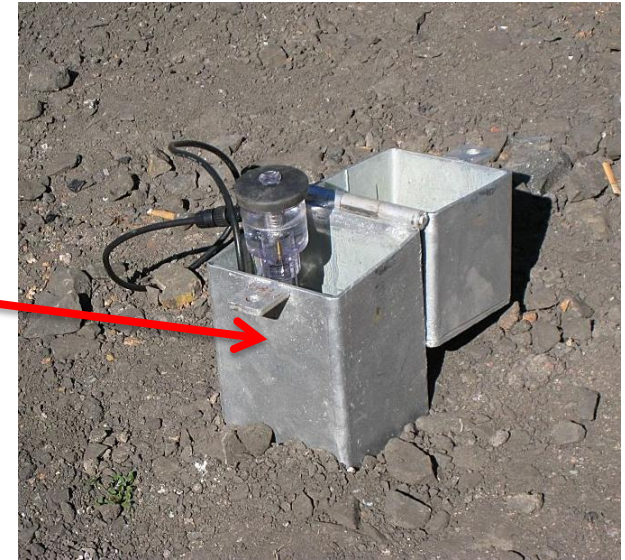


# Installation of Tensiometers...



3 sensors installed at depths:  
0.3m, 0.9m and 1.5m

Steel box for  
protection  
against damage



# Final Installation...





# ICT International Pty Ltd

Solutions for soil, plant and environmental research

[www.ictinternational.com.au](http://www.ictinternational.com.au)

[sales@international.com.au](mailto:sales@international.com.au)

Phone: [61]-2-6772-6770

Fax: [61]-2-6772-7616

PO Box 503, Armidale, NSW, Australia, 2350