

**ASX AND MEDIA RELEASE, 24 November 2008**

---

**MT SURVEY COMPLETED,  
MICRO EARTHQUAKE (MEQ) MONITORING TO COMMENCE**

---

**MT Survey Completed**

Greenearth Energy Limited ("GER") are pleased to advise that the Magneto-telluric ground resistivity measurement (MT) survey which begun on the 6 November 2008, in its GEP 10 permit situated in the Geelong/Bellarine Peninsula area has been successfully completed.

Readings from a total of 52 survey points were collected and initial indications suggest the data to be of good quality. The data will be sent for processing and interpretation which should take a period of 2 to 3 months.

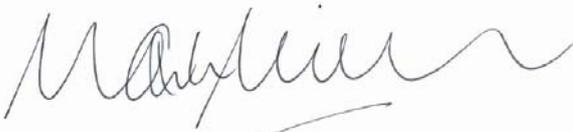
Greenearth Energy is hopeful that the MT survey will extend its knowledge of, where hot sedimentary aquifers, buried permeable (wet) zones, occur at depth throughout the area and add to its inferred geothermal resource estimate work currently underway.

**Micro Earthquake (MEQ) Monitoring – Pilot Trial Commenced**

Greenearth Energy has been working with the University of Auckland over the last several months to plan the execution of a Micro Earthquake (MEQ) Monitoring Pilot Trial in its Gippsland permit, GEP13.

The pilot trial is conducted on the theory that by monitoring the earth's micro earthquakes by continual recording from a sonde which is placed at some depth underground, indicative patterns can help delineate major fracture zones and key sedimentary layers that offer geothermal potential. The use of shear wave splitting may also define potential permeable zones.

MEQ monitoring during the creation of artificial fractures is common place, however the monitoring of natural micro earthquakes as an exploratory tool in this context is believed to be a first within Australia. A geophone or sonde is being placed in the Lakes Oil NL ("LKO") petroleum well Loy Yang -2 at an approximate depth of 1,430m. This sonde will take continuous readings of small earthquakes which occur regularly in the Gippsland region and are largely undetected on the surface. It is planned to leave the sonde in the Loy Yang -2 well for a period of up to 18 months. If the trial pilot proves to be successful Greenearth intends to expand the program to other wells in the region and in doing so will potentially become a regular technique used to help map the permeable zones and natural occurring fractures that offer geothermal potential.



**Mark Miller**  
Managing Director  
Greenearth Energy Ltd



**Robert King**  
Executive Director  
Greenearth Energy Ltd

For further information please contact:  
Mark Miller or Robert King on (03) 9620 7299