

ASX Announcement

MAGNETO TELLURIC (MT) SURVEY COMMENCED

Greenearth Energy Limited (ASX:GER) wish to advise that the company's magneto-telluric ground resistivity measurement (MT) survey along the Bellarine Peninsula has commenced.

The MT survey consists of 55 survey points and starts just east of Lake Modewarre, runs eastward adjacent to Blackgate Road and then along the Bellarine Peninsula to Drysdale, concluding at St Leonards.

Agreement has been reached with owners/occupiers on the location of each survey point on their land and reclamation. The Department of Primary Industries (administrators of the Geothermal Act) have approved the Greenearth Energy Operational Plan covering safety and environmental matters.

Greenearth Energy has contracted the Brisbane based Quantec Geoscience Pty Ltd to carry out the MT survey.

MT is considered to be the "work horse" for delineating conventional geothermal reservoirs. It is a low impact, non-invasive, electromagnetic, geophysics technique that measures naturally occurring electric (telluric) currents that are induced in the earth by natural variations in the earth's magnetic field.

Three plates of stainless steel are dug into 0.3m x 0.3 m pits in the ground, approximately 100m from each other. The plates are connected with wire and natural electrical currents are measured. Three additional instruments are placed in the ground, one in a post hole, near one of the plates to measure the variation in the earth's natural magnetic field. Measurements are recorded for about 24 hours for each station at which time all equipment is removed and the site restored.

Greenearth Energy, who holds a geothermal exploration permit in the Geelong – Surf Coast region, believes this is one of the highest prospect areas for geothermal potential in Victoria.



There are, however, areas south of Geelong where no surveys have been conducted and a MT survey will help extend our knowledge of where hot sedimentary aquifers, buried permeable (wet) zones, occur at depth.

ABOUT GREENEARTH ENERGY LTD

Greenearth Energy Limited is an Australian Geothermal energy company that aims to explore for and develop geothermal resources in Australia, New Zealand and in the wider Pacific Rim.

Geothermal energy is being increasingly recognised as having the potential to deliver, clean, reliable and renewable energy that is capable of a wide range of uses with very low or no greenhouse gas emissions.

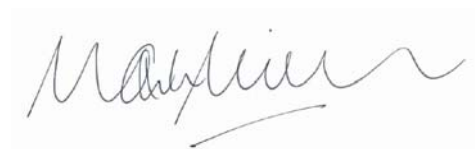
The company was awarded 3 geothermal exploration permits (GEP's) in May 2007 by the Victorian Government covering 18,795 km². The permits are located in the Latrobe Valley/Gippsland Area (GEP12 & 13) and the Bellarine Peninsula/Surf Coast Shire/Geelong/Daylesford Area (GEP 10).

The company listed on the Australian Stock Exchange on the 4 February 2008 with the stock code of **GER**.



ROBERT L KING

Executive Director



MARK MILLER

Managing Director

Media release attached



Greenearth Energy Ltd.
Level 14,
500 Collins Street
Melbourne Vic 3000
www.greearthenergy.com.au

Media release

MAGNETO TELLURIC (MT) SURVEY COMMENCED

The Directors of Greenearth Energy Limited (ASX:GER) wish to advise the company's decision to carry out a magneto-telluric ground resistivity measurement (MT) along the Bellarine Peninsula in early November 2008.

Greenearth Energy, who holds a geothermal exploration permit in the Geelong – Surf Coast region, believes this is one of the highest prospect areas for geothermal potential in Victoria.

Robert King, Executive Director for Greenearth Energy believes southwest of Geelong offers significant potential for the Hot Sedimentary Aquifer (HSA) form of geothermal resource. There are a number of areas of interest where sandy horizons are mapped in the depth widow of 3.0 - 4.5 km where temperatures are expected to exceed 150 ° C.

Mr King said there are, however, areas south of Geelong where no surveys have been conducted and a MT survey will help extend our knowledge of where hot sedimentary aquifers, buried permeable (wet) zones, occur at depth.

MT is considered to be the “work horse” for delineating conventional geothermal reservoirs. It is a low impact, non-invasive, electromagnetic, geophysics technique that measures naturally occurring electric (telluric) currents that are induced in the earth by natural variations in the earth's magnetic field.

Three plates of stainless steel are dug into 0.3m x 0.3 m pits in the ground, approximately 100m from each other. The plates are connected with wire and natural electrical currents are measured. Three additional instruments are placed in the ground, one in a post hole, near one of the plates to measure the variation in the earth's natural magnetic field. Measurements are recorded for about 24 hours for each station at which time all equipment is removed and the site restored.

The MT survey, which will commence on 6 November, consists of 55 survey points and starts just east of Lake Modewarre, runs eastward adjacent to Blackgate Road and then along the Bellarine Peninsula to Drysdale, concluding at St Leonards.

Agreement has been reached with owners/occupiers on the location of each survey point on their land and reclamation. The Department of Primary Industries (administers of the Geothermal Act) has approved the Greenearth Energy Operational Plan covering safety and environmental matters.

Greenearth Energy has contracted the Brisbane based Quantec Geoscience Pty Ltd to carry out the MT survey.

Managing Director of Greenearth Energy, Mark Miller, said the Greater Geelong region is prospective for both the shallower Hot Sedimentary Aquifers (HSA's) as well as the deeper Hot Fractured Rocks (HFR) prospects, the latter being the focus of much exploration in the centre of Australia.



“What is exciting here is that the Geelong area is under the major electricity transmission wires and near Geelong and industries with significant energy consumption and greenhouse gas footprints. This means that any resource located has the market at its doorstep and not hundreds of kilometres away. This is a huge advantage for any future geothermal development. As we move further down the discovery path we will be working closely with the local community and industry alike to explore partnership opportunities to accelerate the development of this important future renewable energy source”

ABOUT GREENEARTH ENERGY LTD

Greenearth Energy Limited is an Australian Geothermal energy company that aims to explore for and develop geothermal resources in Australia, New Zealand and in the wider Pacific Rim.

Geothermal energy is being increasingly recognised as having the potential to deliver, clean, reliable and renewable energy that is capable of a wide range of uses with very low or no greenhouse gas emissions.

The company was awarded 3 geothermal exploration permits (GEP's) in May 2007 by the Victorian Government covering 18,795 km². The permits are located in the Latrobe Valley/Gippsland Area (GEP12 & 13) and the Bellarine Peninsula/Surf Coast Shire/Geelong/Daylesford Area (GEP 10).

The company listed on the Australian Stock Exchange on the 4 February 2008 with the stock code of **GER**.

For further information please contact:


Greenearth Energy
Level 14, 500 Collins Street
Melbourne Vic 3000

Phone (+ 61 3) 9620 7299

Fax (+ 61 3) 9629 1624

Email greenearth@greenearthenergy.com.au

Website www.greenearthenergy.com.au



Greenearth Energy Ltd.
Level 14,
500 Collins Street
Melbourne Vic 3000
www.greenearthenergy.com.au