

14 December 2010

Tracy Anthony  
Hepburn Community Wind Park Co-operative Ltd  
PO Box 225  
Daylesford  
VIC 3460

Dear Tracy,

**Re: Archaeological Monitoring for the Hepburn Wind farm Project, November 2010.**

#### Introduction

The following letter outlines the results of the Aboriginal Cultural Heritage Monitoring undertaken on the site of the Hepburn Wind farm at Leonards Hill, Victoria, on 29 and 30 November 2010.

#### Background

Hepburn Community Wind Park Co-operative Ltd (Hepburn Wind) commissioned TerraCulture Pty. Ltd. in November 2010 to undertake pre-construction monitoring works at the proposed wind farm site, in association with the Dja Dja Wurrung Clans Aboriginal Corporation as the Registered Aboriginal Party (RAP) for the activity area.

#### Personnel

The monitoring was carried out by Ashley Matic (Senior Project Archaeologist, TerraCulture Pty. Ltd.) and Rick Kerr (Cultural Heritage Officer, Dja Dja Wurrung Clans Aboriginal Corporation)

#### Methodology

The archaeological monitoring involved the inspection of any areas of disturbance associated with the clearing of topsoil prior to construction of the wind farm. The specific areas inspected in the course of the works were-

- The 650m access road from the works compound on Ballan-Daylesford Road to the turbine locations;
- Foundation pads for the two wind turbines;
- Associated hardstand areas for each of the turbines; and
- Foundation for the electrical transfer station.

Monitoring involved the inspection of stripped areas by the Archaeologist and RAP Representative following clearance of the area by grader and/or topsoil stripper (Photograph 1); OHS requirements imposed by the civil contractor meant that no individual could follow any operational plant by closer than 50m so this distance was adhered to at all times.

The areas were inspected by pedestrian survey of the cleared areas, with any potential Aboriginal Cultural Heritage Material collected for cleaning and analysis off site. Location information of any recovered material was recorded using handheld GPS, with the conduct of the works and monitoring, as well as the location of recovered material recorded visually by digital camera. Notes were taken regarding type and nature of soils on the site, as well as any conditions affecting the conduct of the works.



***Photograph 1: Rick Kerr (Dja Dja Wurrung Representative) inspecting recently graded road surface***

#### Results

Examination of the stripped areas did not identify any new Aboriginal cultural heritage sites. Two angular fragments of quartz were recovered from the western half of the area stripped for the track; however subsequent cleaning and analysis of both pieces did not reveal any attributes consistent with being cultural in origin.



***Photograph 2: Non-artefactual angular Quartz fragments recovered from the wind farm site***

The soils across the area were relatively uniform, consisting of a brown clayey loam sitting atop reddish brown clay, which in turn was found to sit on basalt bedrock (which had been exposed in some locations due to erosion). Depth of soils varied across the Activity Area; however the topsoil commonly extended to between 10 and 20 centimetres depth before clay was encountered, and was found to be highly sterile with only a limited number of basalt inclusions identified across the majority of areas of the site.

Areas of prior disturbance from agricultural activities were identified across the activity area; however their impact on the soil profile of the area was identified as minimal and considered unlikely to have destroyed any Aboriginal cultural heritage sites that may have previously existed within the activity area.

### Conclusion

No new Aboriginal cultural heritage sites or areas of potential were identified within the Activity Area. The completion of the monitoring program fulfils the cultural heritage requirements for the project, and construction works can proceed with no further cultural heritage constraints.

If you have any questions regarding the information provided above, or wish to discuss any aspect of this project, please do not hesitate to contact me at any time.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Ashley Matic', with a stylized flourish at the end.

Ashley Matic

Senior Project Archaeologist  
TerraCulture Pty Ltd