

## ***Interactive comment on “Active layer thermal monitoring at Fildes Peninsula, King George Island, Maritime Antarctica” by R. F. M. Michel et al.***

### **Anonymous Referee #2**

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Paper devoted to the investigation of underestimated climate change affect of active layer dynamic in Anatarctic cryosphere. Data obtained are very important for understanding of periglacial environment and modelling of soil climate. It is nessesary to describe the soil cover, pedodiversity and types of parent material not only for investigated plot, but also for different environments of the Fildes peninsula. It is nessesary to specify what authors mean on AB and B horizons (please, define it). Which soil processes take place in these horizons? Why the are no O and A horizons in soil, formed undes mosses and lichens? Please provide data on skeletal (stone) fraction in soil. Table 2 - plase add 1st collumn "Horizon, depth, cm" instead "depth(cm)".

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Interactive comment on Solid Earth Discuss., 6, 1423, 2014.

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