

Interactive comment on “Snow accumulation variability in Adelie Land (East Antarctica) derived from radar and firn core data. A 600 km transect from Dome C” by D. Verfaillie et al.

Anonymous Referee #2

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I have rated my revisions "minor" because I do not foresee any great difficulty with the quality of the data, nor in being able to derive slope from the elevation data. My main concerns are in my review. Briefly they are:

1. The need for a more well organized Introduction, with attention given to previous work of long distance GPR traverses that used higher and better resolving frequencies. Also needed is more discussion about author's concerns with existing measurements.
2. Lack of any system description nor of justification for using 100 MHz GPR
3. Need for a comparison between slope and accumulation, not elevation and accumulation

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4. Enlargement and improved clarity of the figures, with extra enlargement in the important details.

Please also note the supplement to this comment:

<http://www.the-cryosphere-discuss.net/6/C1421/2012/tcd-6-C1421-2012-supplement.pdf>

Interactive comment on The Cryosphere Discuss., 6, 2855, 2012.