

## ***Interactive comment on “Geoscientific process monitoring with positron emission tomography (GeoPET)” by Johannes Kulenkampff et al.***

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The paper is very interesting, well organized and clearly written. I only have minor technical comments on the manuscript:

P3-L5: The reference Williams and Beck (1995) appears only as Williams in the reference list

P3-L24: reference should be Weissleder et al

P3-L25: is ERT correct? I think it has not been defined before, or maybe the authors meant EIT?

P4-L31: reference should be Gründig et al 2002

P4-L32 & 33: the references Kulenkampff et al 2010, 2013a and 2013b are missing in  
C1

the reference list

P5-L12: I wonder if there is a minus sign missing somewhere in this equation if we derive it from equation (1)

P5-L14: I think N subscript A has not been defined

P6-L22: the authors should give numbers to explain what is a “low density” material and a “dense” material.

P6-L30: letter A has already been used for activity

P7-L8: -15 should appear as a power

P7-L20: reference Mansel et al 2014 is missing in the reference list

P7-L25: FOV should be defined the first time

P9-L12: “in in low”

P14-L28: I don’t understand “decay time of 2.603 a”, what is “a”?

P14-L31: “of the of the tracer”

P15-L1: reference Lippmann-Pipke et al is missing in the reference list

P16-L31: what means Dr.? Is this reference a PhD thesis?

P24: Figure number is missing in the caption

P27: in the caption I think it should be Fig. 7 instead of Fig. 6

P28 Figures 9 and 10: Figure number is missing in the caption

P29: This figure should be Figure 11. Figure number is missing in the caption

P30: this figure should be Figure 12.

P33: Figure number is missing in the caption

