

Interactive comment

Interactive comment on "Relationship of Permafrost Cryofacies to Varying Surface and Subsurface Terrain Conditions in the Brooks Range and foothills of Northern Alaska, USA" by Andrew W. Balser et al.

Anonymous Referee #2

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I have read this manuscript with great interest. I have personal knowledge of the area within the Brooks Range and foothills of northern Alaska through short visits but no research activities of my own. I think I learnt a lot from this interesting paper. The authors investigate and discuss the relationships between terrain, vegetation and permafrost using an extensive set of field data from a highly representative type of sites. The relationships between permafrost and permafrost stability/instability and terrain properties are extensively investigated and discussed using a relevant multiple factor analysis. The relationships studied and discussed cover 46 well selected illustrated and described field sites. As far as I can judge the sites included in the study are well

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proper credit to related work and clearly indicate their own new/original contribution? Yes. 8. Does the title clearly reflect the contents of the paper? Yes 9. Does the ab-

stract provide a concise and complete summary? Yes. 10. Is the overall presentation well-structured and clear? Yes. 11. Is the language fluent and precise? As far as I can judge. 12. Are mathematical formulae, symbols, abbreviations, and units correctly defined and used? Yes. 13. Should any parts of the paper (text, formulae, figures, tables) be clarified, reduced, combined, or eliminated? No. Minor Changes according to the editor might be possible. 14. Are the number and quality of references appropriate? Yes 15. Is the amount and quality of supplementary material appropriate? Yes.

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