

## ***Interactive comment on “Review on Mineral Characterization of Precambrian Charnockites – using PIXE Technique” by Avupati Venkata Surya Satyanarayana et al.***

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Sir, Thank you very much for your valuable suggestions, the suggestions will be very useful for this paper. According to your comments we will correct some words/sentences of the paper. This paper is interesting but requires significant editing, as it is not written in sound English. If possible please give a small table which will make it easy for the reader to see certain differences between techniques (as mentioned in the abstract).

Corrections;-

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Nuclear techniques in the elemental analysis are very familiar, if it is necessary in the inclusion of this paper, definitely I will include according to your valuable suggestion. List of some specific comments that would help to improve the manuscript: - -Line 10. Sentence "has been applied to an analytical tool" should be revised. Answer;- has been applied to long range -Line 11. What is REE named after? Please, consider writing its full name the first time you mention it in the manuscript. Acronyms should be extended with their full names C1 GID Interactive comment Printer-friendly version Discussion paper the first time they are cited in the body of the text Answer;- Rare Earth Elements - Line 18. Sentence "there present" should be revised. Maybe to "they are pre-sent" Answer;-There are present - Line 19. Sentence "which is operation at." should be revised. Answer;-operating - Line 70. What is GUPIX named after? Please, consider writing its full name the first time you mention it in the manuscript. Also please consider citing the software if possible Answer;-Guelph PIXE Software Package - Line 78. Consider using "in the past" or something similar instead of "nearlier". Answer;- in the fast - Line 113. Typo: "id" instead of "n.id" Answer;- Sir, with in bracket only - Line 115. Sentence "is made to fall on to the sample" should be revised. Answer;- onto - Line 115. "charge collected" should be revised. Do you mean "The charge is collected"? In that case can you expand the sentence so as it is clear what exactly is the meaning of "charge" ? Answer;- charge is collected - Line 115. What is the beam current? Since it is a Proton beam and positive charge flow means current - Line 116-117. Sentence should be revised. I find it hard to understand the meaning please check syntax. Answer;-not exited "excited" in the sentence - Line 137-139: Sentence should be revised. Answer;- not different elements thus "different elements, thus" only coma mistake - Figures 1-5: Figures have different sizes. Answer;- I will arrange the figure in same size. - Line 310: Sentence should be revised maybe try: "can be successfully used" Answer;- "can be successfully" - Line 449: Phrase "and fast" should be revised. Fast compared to what? Answer;- fast means "speed"

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Thanking You Sir,  
Yours Obediently,  
Author#1, gi-15-2020

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