Comments on Manuscript

Title: CHARACTERIZATION OF MINERALS IN AIR DUST PARTICLES IN THE STATE OF TAMILNADU, INDIA THROUGH FTIR SPECTROSCOPY
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Authors have demonstrated the characterization of minerals in air dust particles for 111 samples in Vehicular, Residential and Industrial areas in the state of Tamil Nadu, India through FTIR spectroscopy. I believe, it is not easy to carry out 111 samples in all parts of Tamil Nadu and also I encourage the author for his ability to demonstrate not only the structural analysis of the collected particles but also the applications extinction co-efficient and crystallinity index through FTIR spectra. The paper is quite good and is worth to be published in ACP, after some minor revisions are performed by the authors.

1. It is found some grammatical errors in the manuscript such as presents, were die, is exhibit, sample were.
2. The author should give deposition time of the collected samples at 20ft in three different areas.
3. In Results and Discussion, Fig.2 is not quoted in the description of the manuscript.
4. In Table 2 whether the third column is total number of samples or sample ID.
5. The author has stated that Quartz is common and invariably presents in all the samples. But in column three of Table 2 indicates Quartz appears only 9 samples (at 101, 90, 104, 45, 55, 13, 9, 1, 7). Also, Imogolite is present nearly 50 samples, whether it is 50^{th} number or totally 50 samples. Similarly, Magnetite-60 samples, Gibbsite- 16 samples, Vermiculite is present in nearly 90 samples out of 111, but it shows only two samples (89, 1), Sepiolite, Imogolite, Hemalite also quoted some samples only.
6. In column 3 of Table 2, the sample ID's should be arranged in ascending order.
7. In section 3.1, the statement "The quartz is present in almost all samples", is repeated. Similarly some statements are also repeated in the manuscript.
8. Author has assigned the vibrations such as 2516 cm^{-1}, 2570 cm^{-1}, 2873 cm^{-1} and 2982 cm^{-1} due to OH stretching mode vibration. Whether the peaks are correspond to OH or Calcite?
9. In section 3.14, Goethite (FeOH), it is to be corrected as FeOOH

The manuscript will be acceptable after making the corrections noticed above.