Characterization of Brazillian Palygorskite (Guadalupe Region) and adsorptive behavior for Solvatochromic Dyes

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**Supplementary Material**

**S1. BET results from benefited palygorskite.**

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 **Fig 1. Adsorption isotherm from the processed palygorskite sample**

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**S2. Zeta potential results from benefited palygorskite**



 Fig.2: Zeta potential of benefited palygorskite.

**S3. X-ray Diffractometry signal for Palygorskite samples**

DRX signal (intensity vs 2θ) for palygorskite samples analyzed in this work, ROM (run of mine sample), Paly (beneficiated palygorskite), PalyTT (beneficiated/heat-treated palygorskite), are provided in file drxpaly.xls.