

Dealumination of Natural Mordenite and Its Potential Use as Catalyst Support

Armando Adriano^{1,2}, Mauricio Cornejo^{1,2*}, Hacı Baykara^{1,2}, Eduardo V. Ludeña^{1,3},
Joaquín L. Brito³

¹ Escuela Superior Politécnica del Litoral, ESPOL, Center of Research and Development in Nanotechnology, CIDNA, Km 30.5 vía Perimetral, Campus G. Galindo, Guayaquil, Ecuador.

² Escuela Superior Politécnica del Litoral, ESPOL, Facultad de Ingeniería Mecánica y Ciencias de la Producción, FIMCP, Km 30.5 via Perimetral, Campus Gustavo Galindo, Guayaquil, Ecuador.

³ Laboratorio de Fisicoquímica de Superficies, Centro de Química, Instituto Venezolano de Investigaciones Científicas, I.V.I.C. Apartado 2182.

* Corresponding author: M.Cornejo, mcornejo@espol.edu.ec

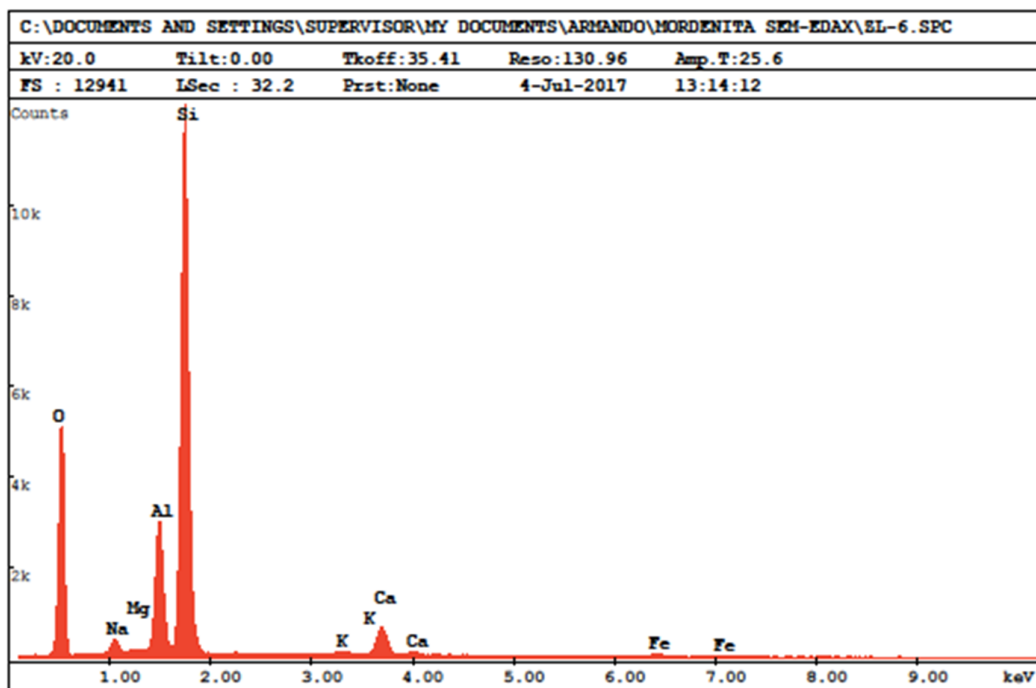
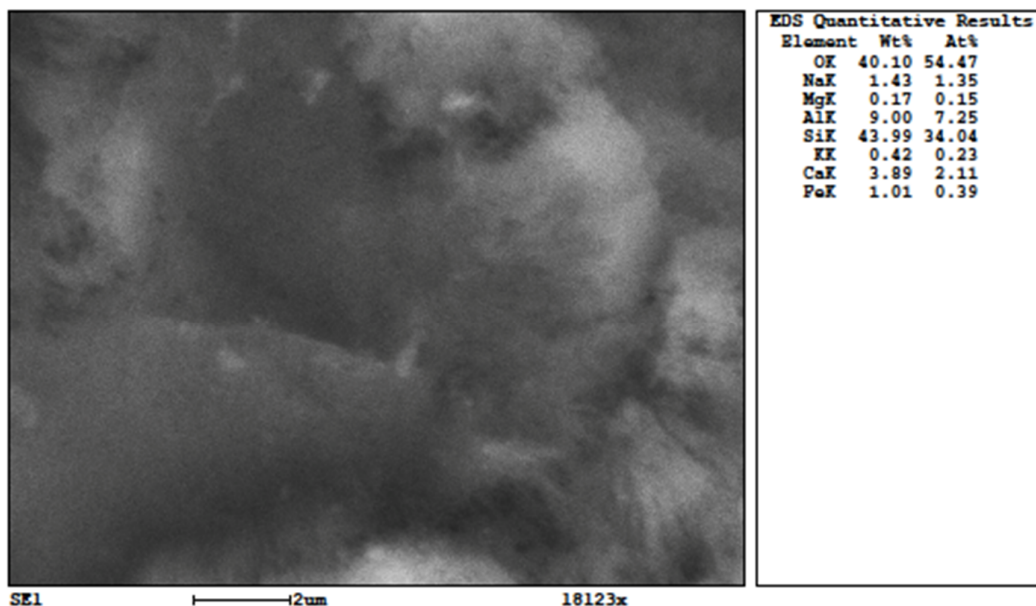


Figure S1. SEM-EDS analysis of ZL sample.

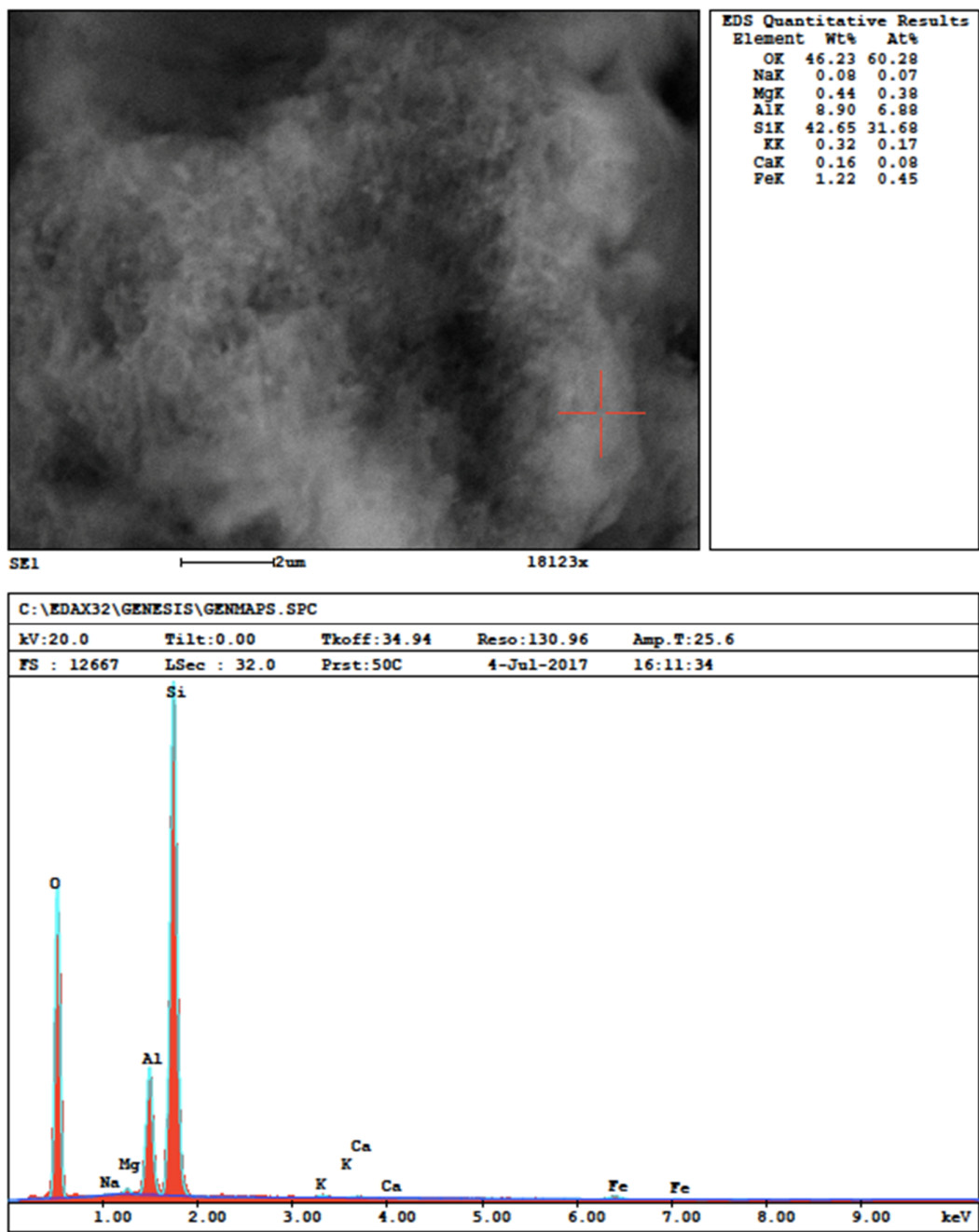


Figure S2. SEM-EDS analysis of ZAM sample.



Figure S3. SEM-EDS analysis of ZDES1 sample.

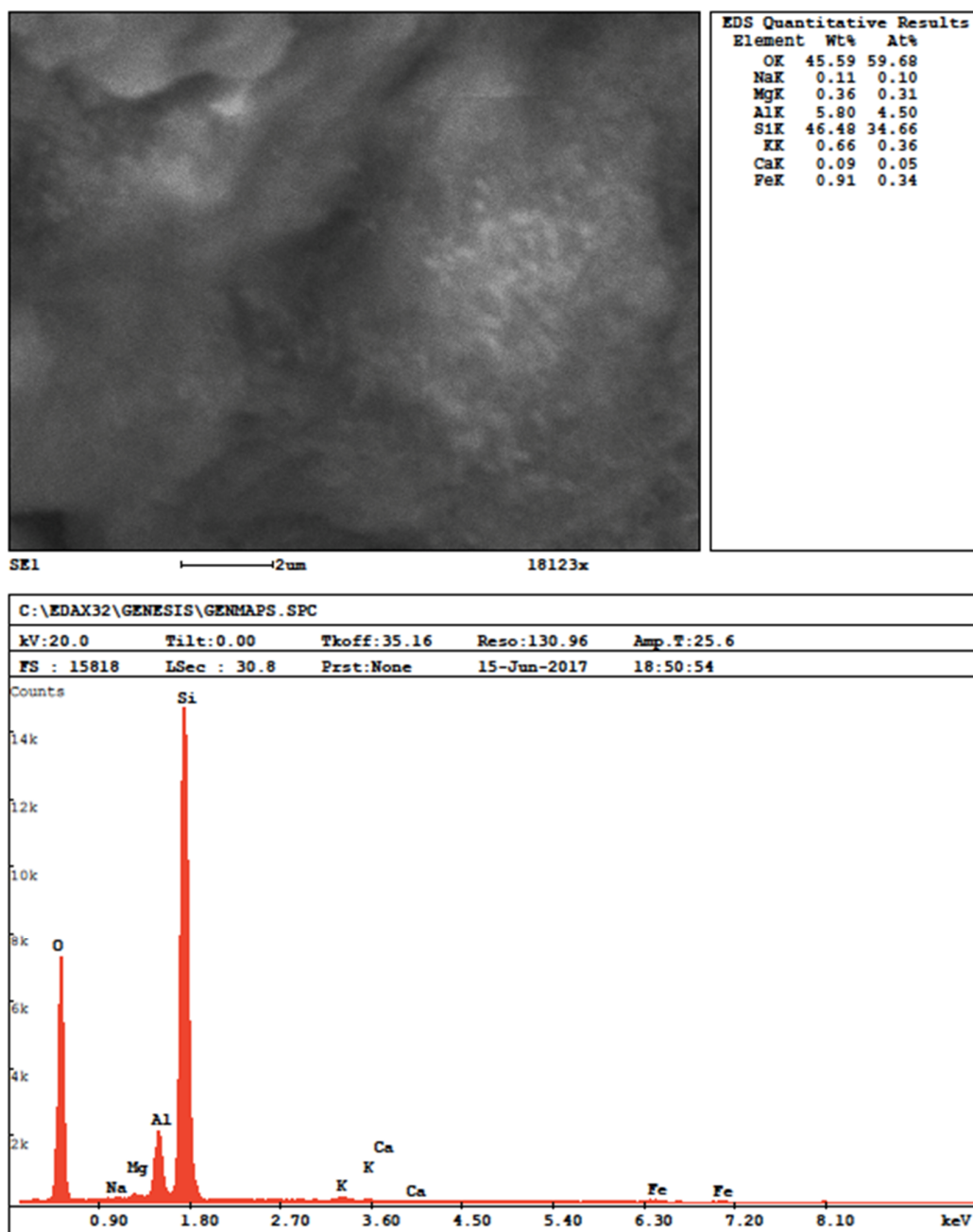


Figure S4. SEM-EDS analysis of ZDES3 sample.

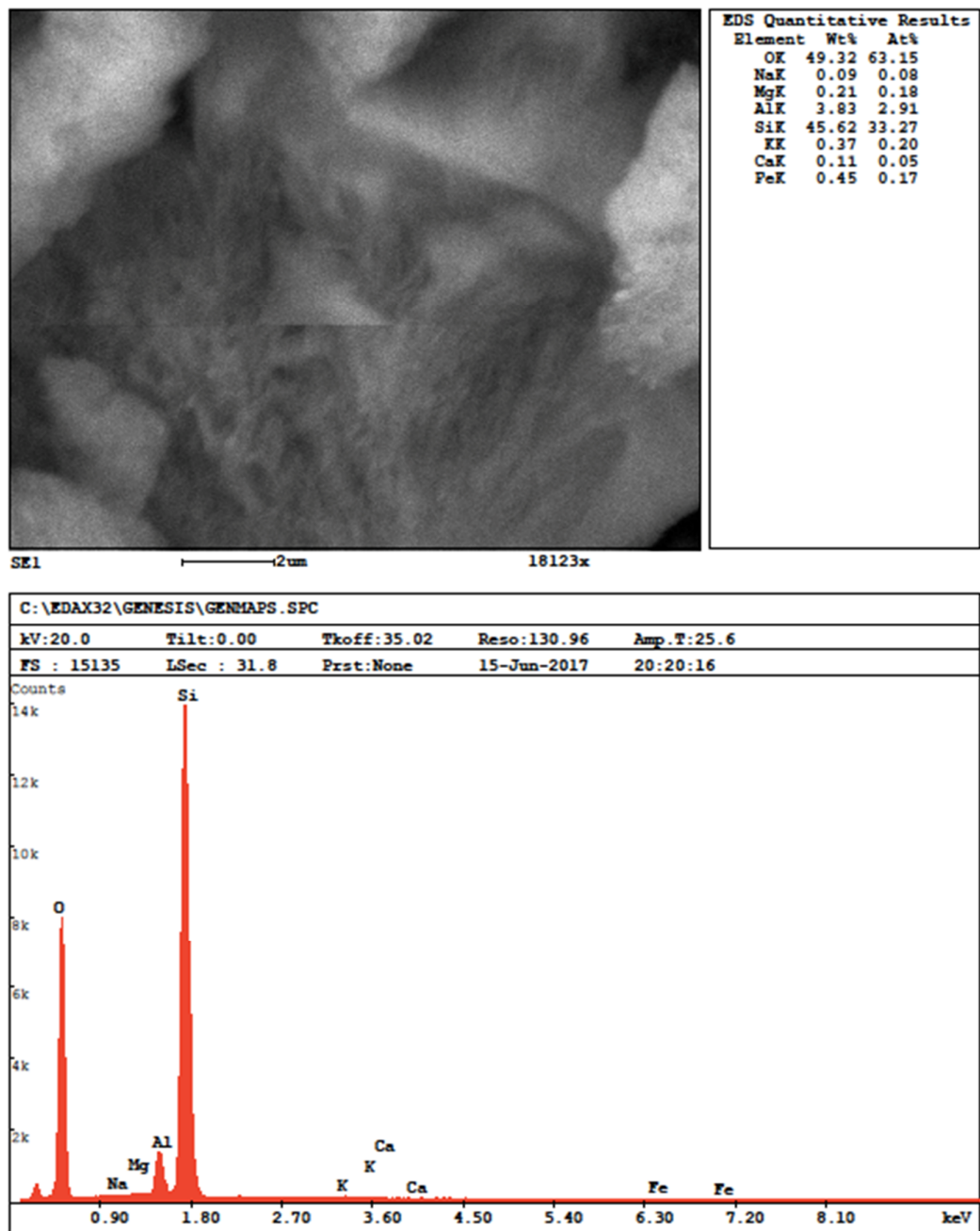


Figure S5. SEM-EDS analysis of ZDES5 sample.