

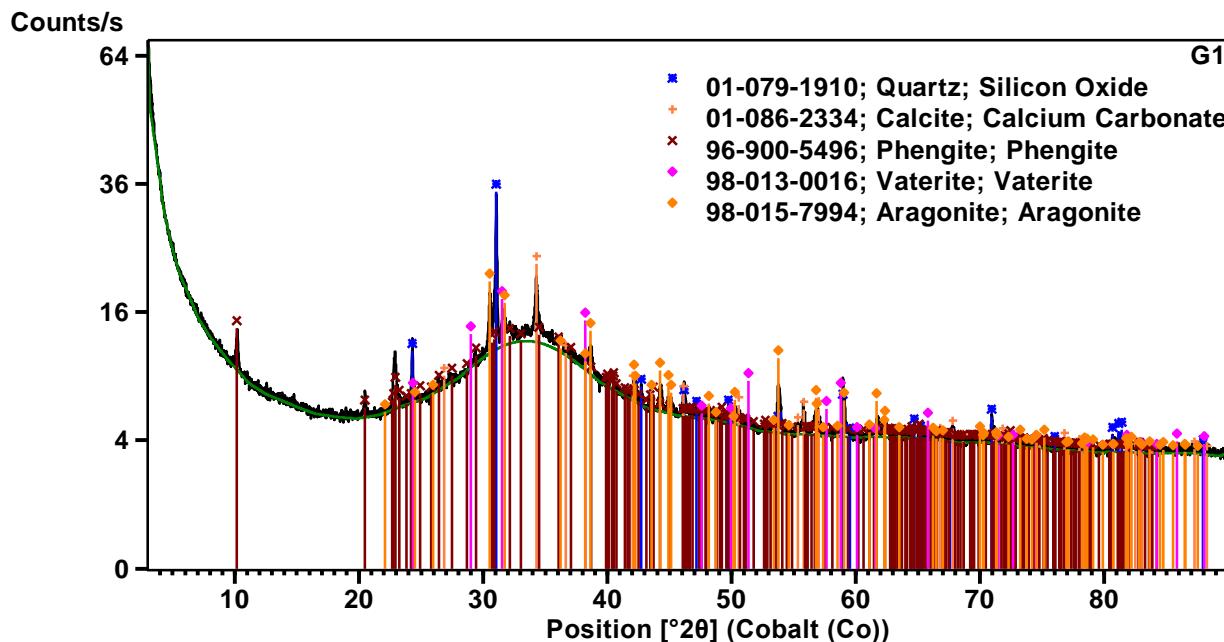
## SUPPLEMENTARY MATERIALS

### Novel magnetic inorganic composites: synthesis and characterization

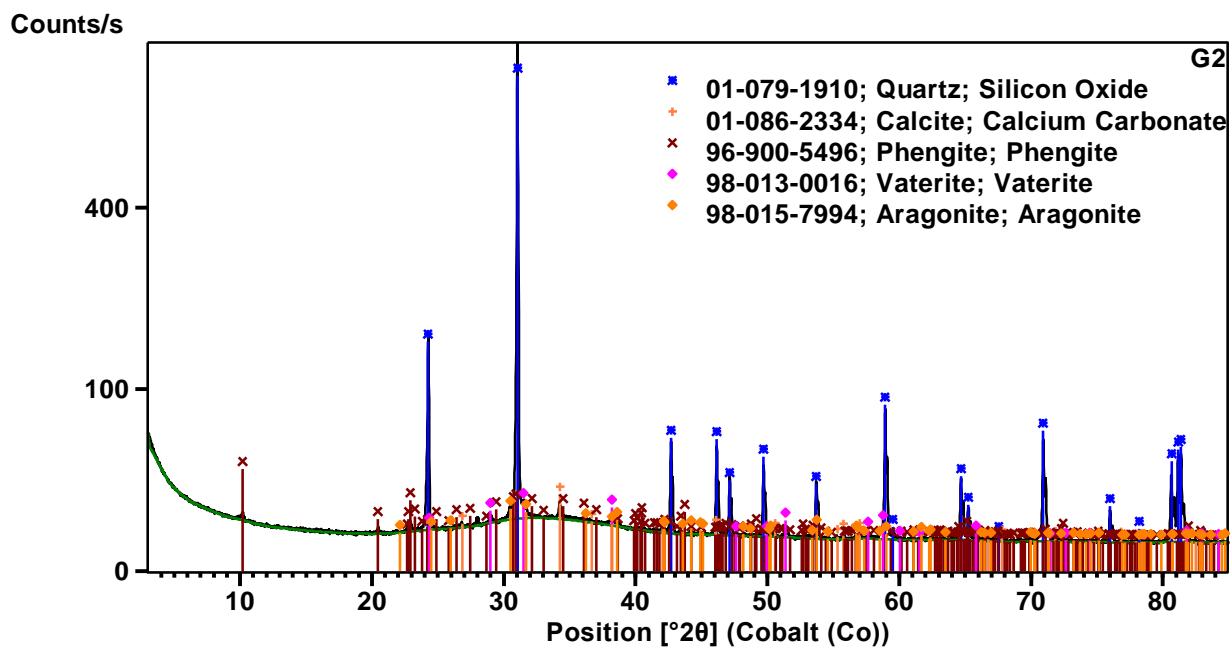
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List of supplementary figures:

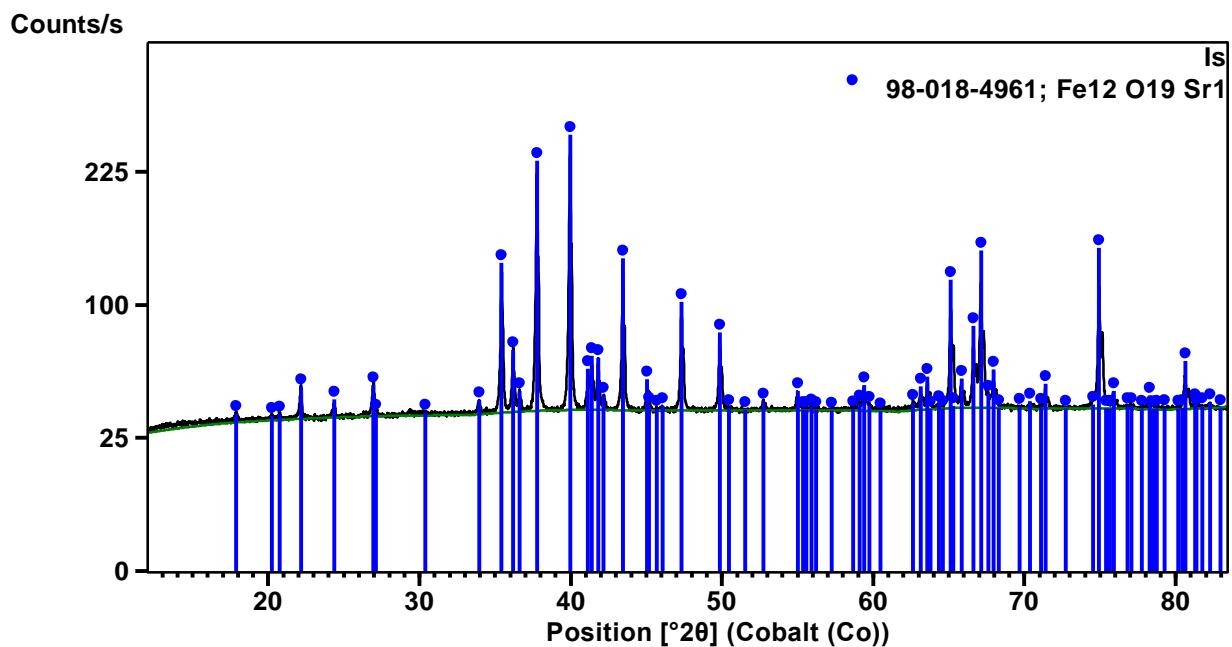
- **Figure S1.** Full-scale XRD profile of the **G1** matrix.
- **Figure S2.** Full-scale XRD profile of the **G2** matrix.
- **Figure S3.** Full-scale XRD profile of the isotropic **SrFe<sub>12</sub>O<sub>19</sub>** particles.
- **Figure S4.** Full-scale XRD profile of the anisotropic **SrFe<sub>12</sub>O<sub>19</sub>** particles.
- **Figure S5.** Full-scale XRD profile of the **G1is\_11** composite.
- **Figure S6.** Full-scale XRD profile of the **G1isM\_11** composite.
- **Figure S7.** Full-scale XRD profile of the **G2anis\_6** composite.
- **Figure S8.** Full-scale XRD profile of the **G2anisM\_6** composite.



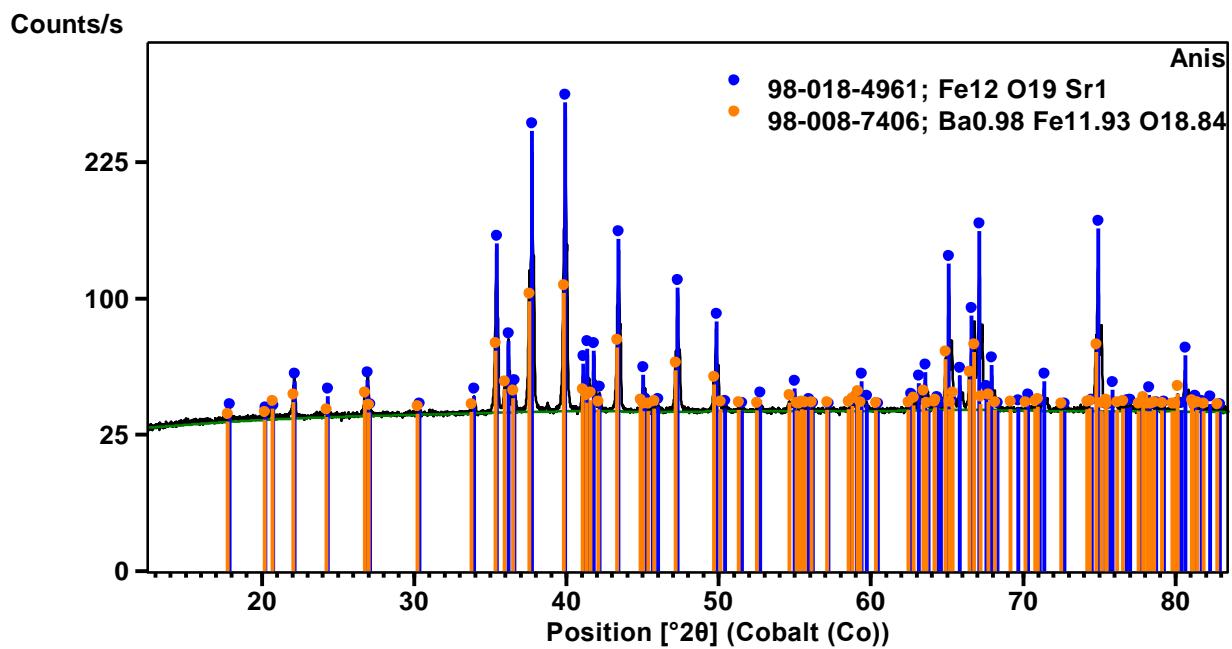
**Figure S1.** Full-scale XRD profile of the **G1** matrix.



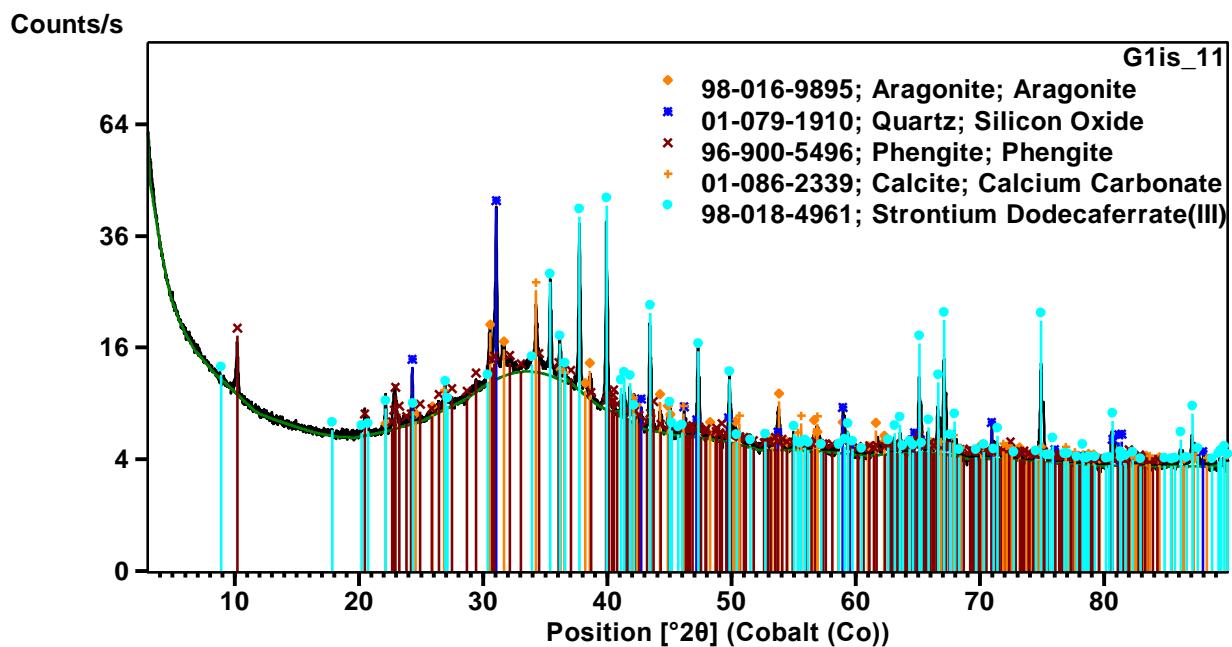
**Figure S2.** Full-scale XRD profile of the G2 matrix.



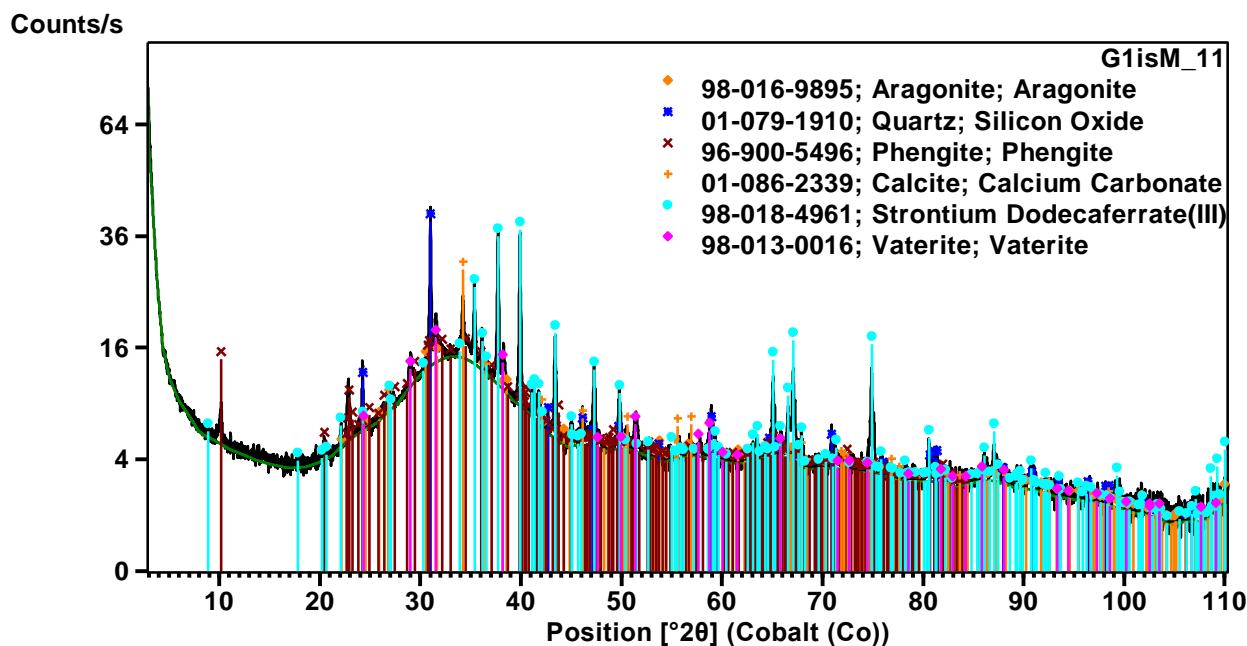
**Figure S3.** Full-scale XRD profile of the isotropic  $\text{SrFe}_{12}\text{O}_{19}$  particles.



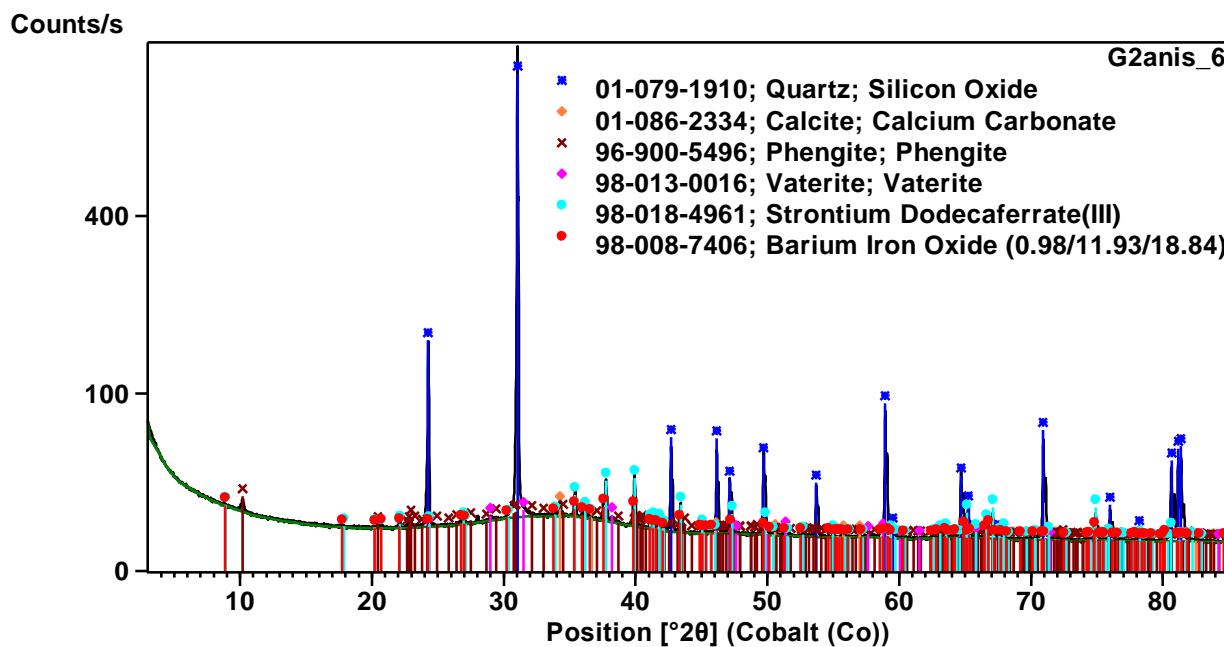
**Figure S4.** Full-scale XRD profile of the anisotropic SrFe<sub>12</sub>O<sub>19</sub> particles.



**Figure S5.** Full-scale XRD profile of the G1is\_11 composite.



**Figure S6.** Full-scale XRD profile of the G1isM\_11 composite.



**Figure S7.** Full-scale XRD profile of the G2anis\_6 composite.

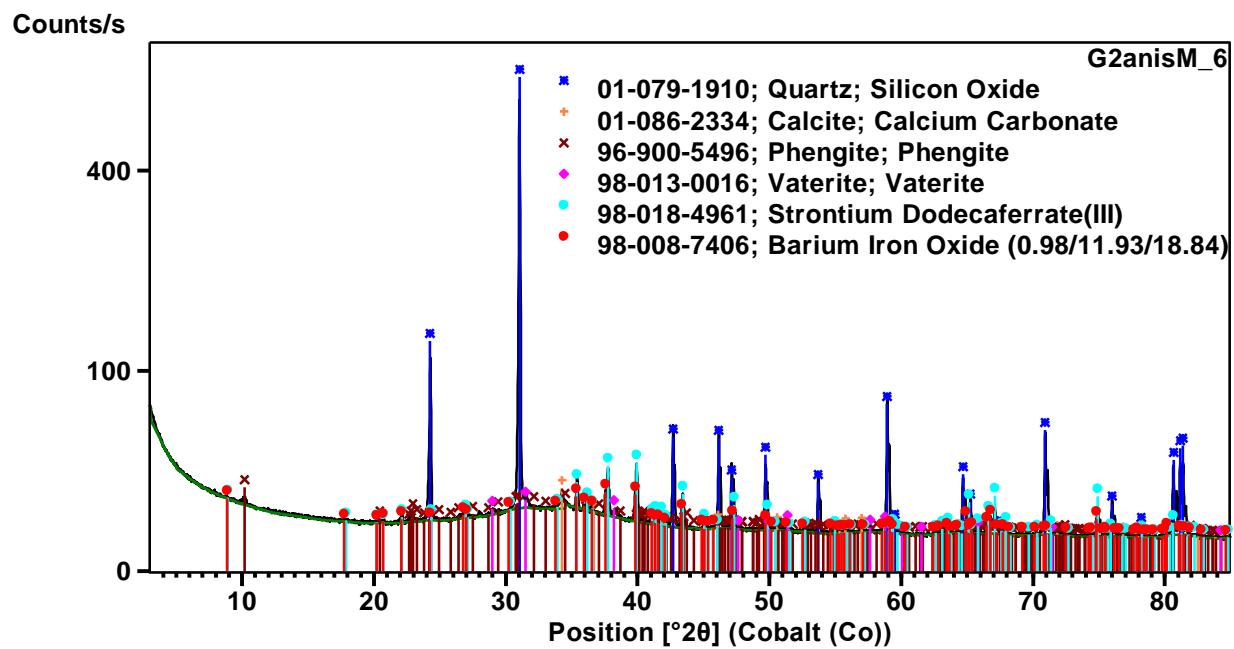


Figure S8. Full-scale XRD profile of the G2anisM\_6 composite.