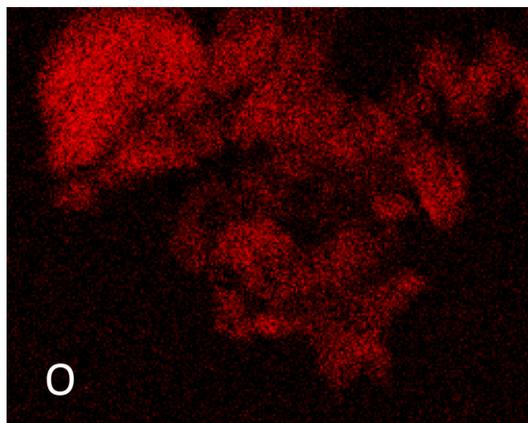
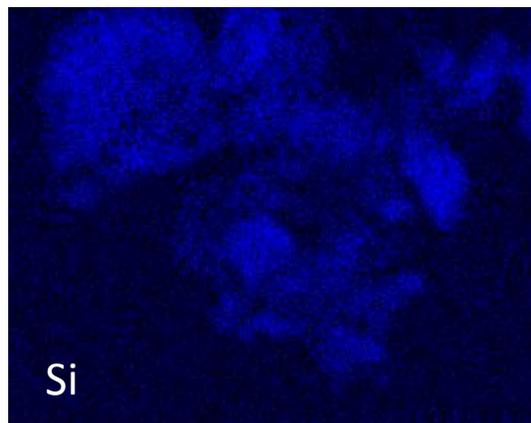
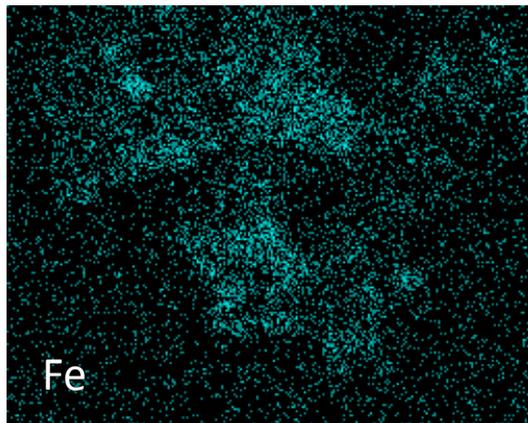
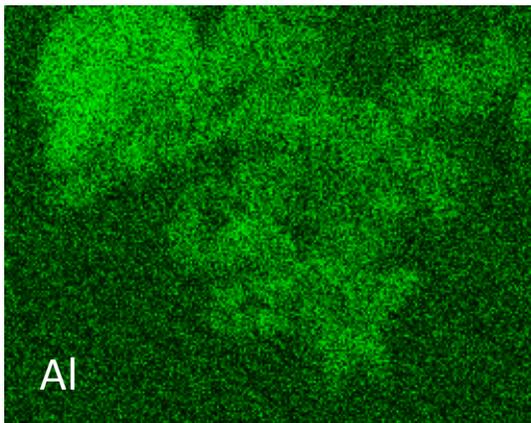
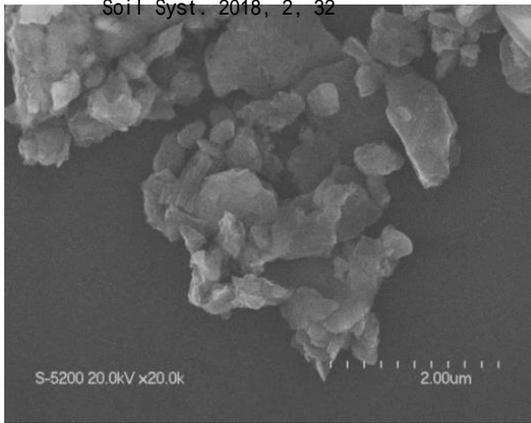


FigureS1

SEM images of 0.2-2 μm size fraction dispersed on Si_3N_4 window .

(a)white square showed tested particle. (b, c, d) Magnified images of other particles .

Scale bar is equal to 10 μm in (a), 2 μm in (b), (c) , and (d).



FigureS2 Elemental maps by SEM-EDX

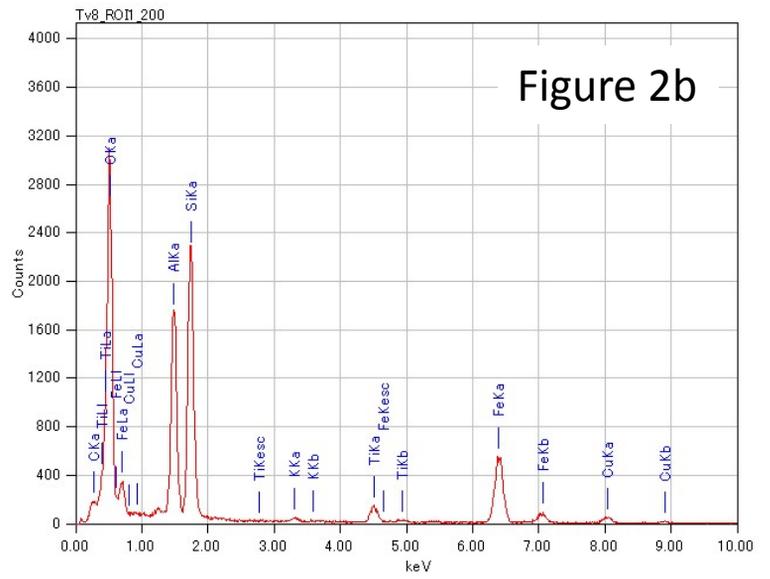
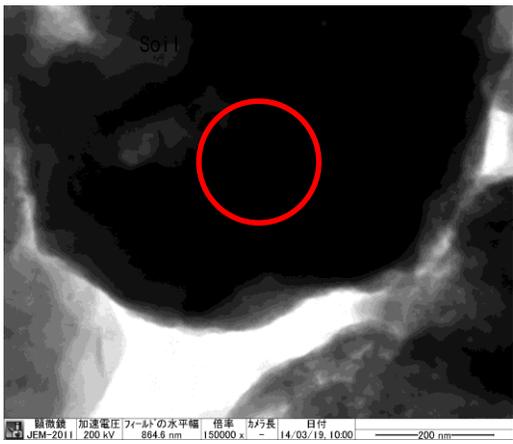


Figure 2b

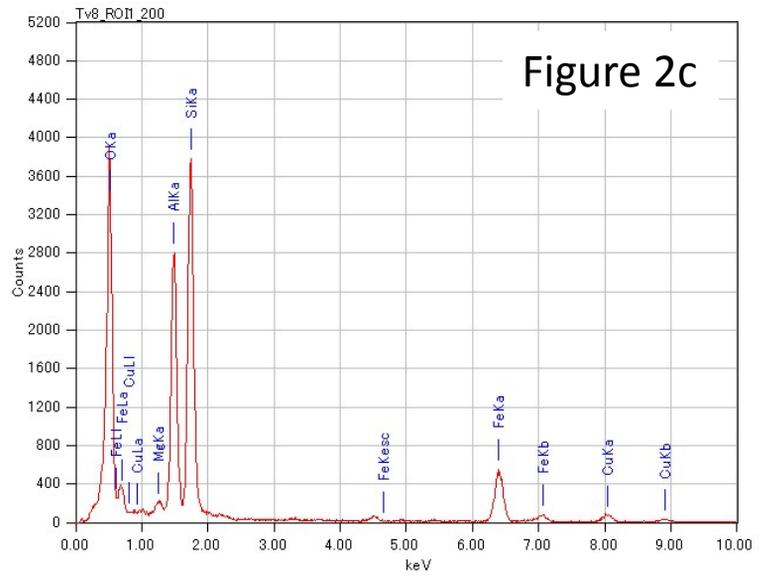


Figure 2c

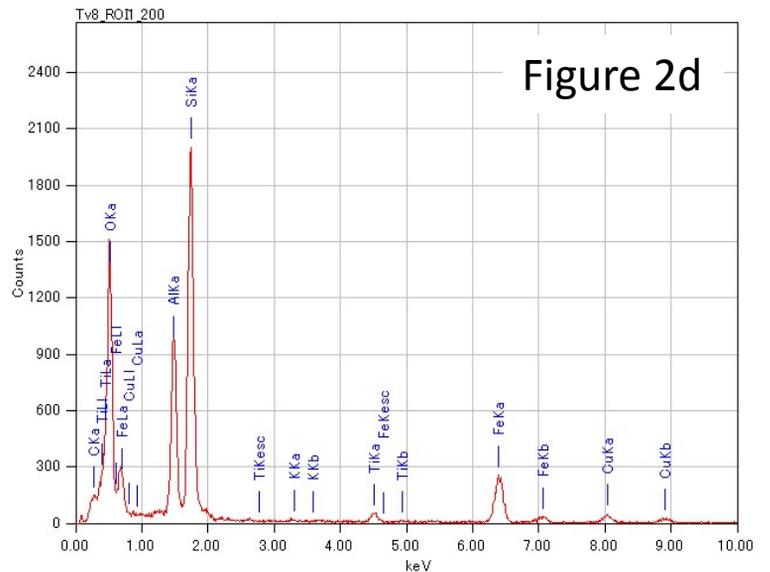
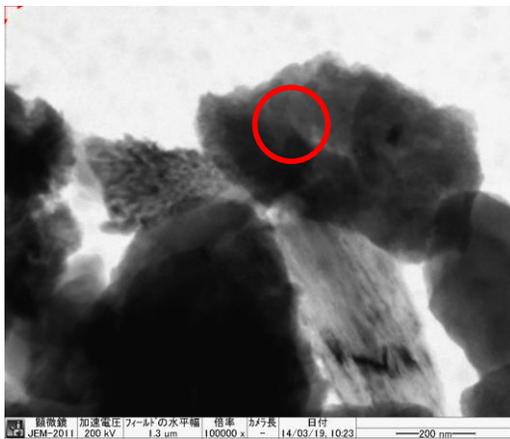


Figure 2d

FigureS3 TEM-EDX spectrum obtained from same area in Figure2b, 2c, and 2d.