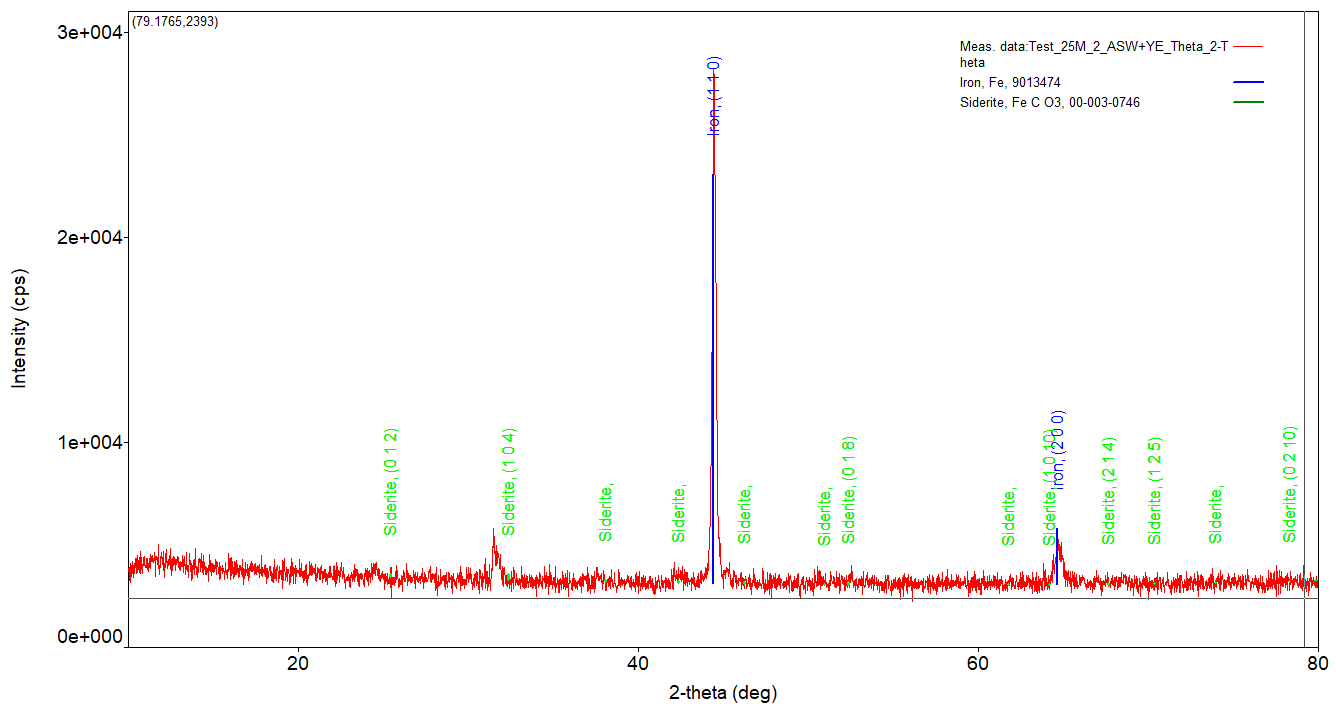
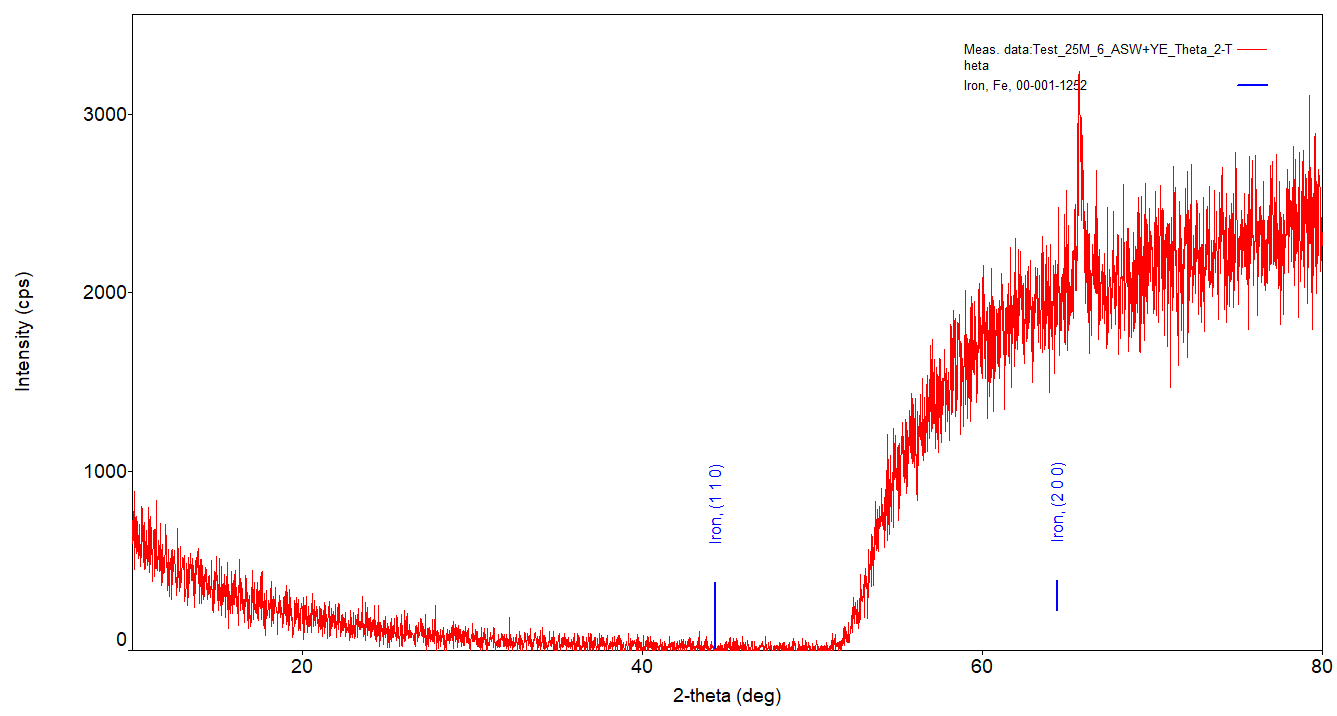


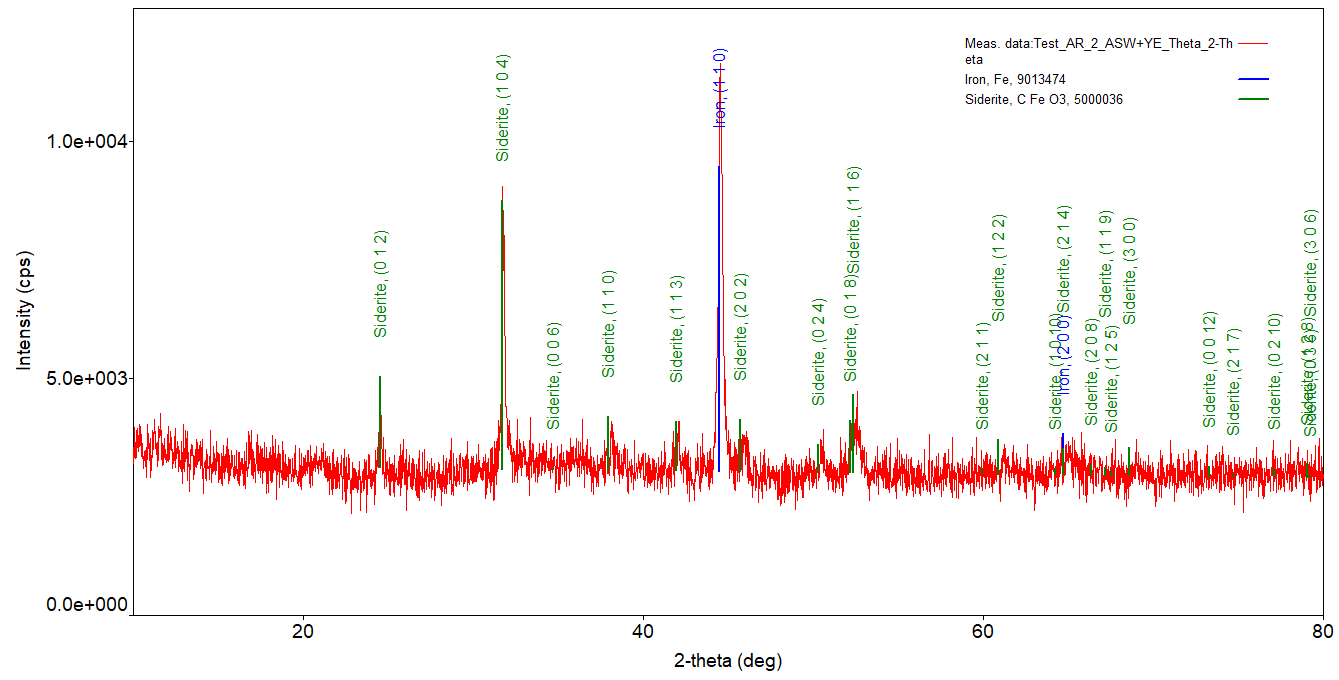
**Figure 1.** Control\_25M\_2\_ASW+YE, Control\_25M\_6\_ASW+YE, Control\_AR\_2\_ASW+YE, Control\_AR\_4\_ASW+YE: The very broad peak at ca. 31° 2θ might be due to very poorly crystalline siderite (FeCO3)



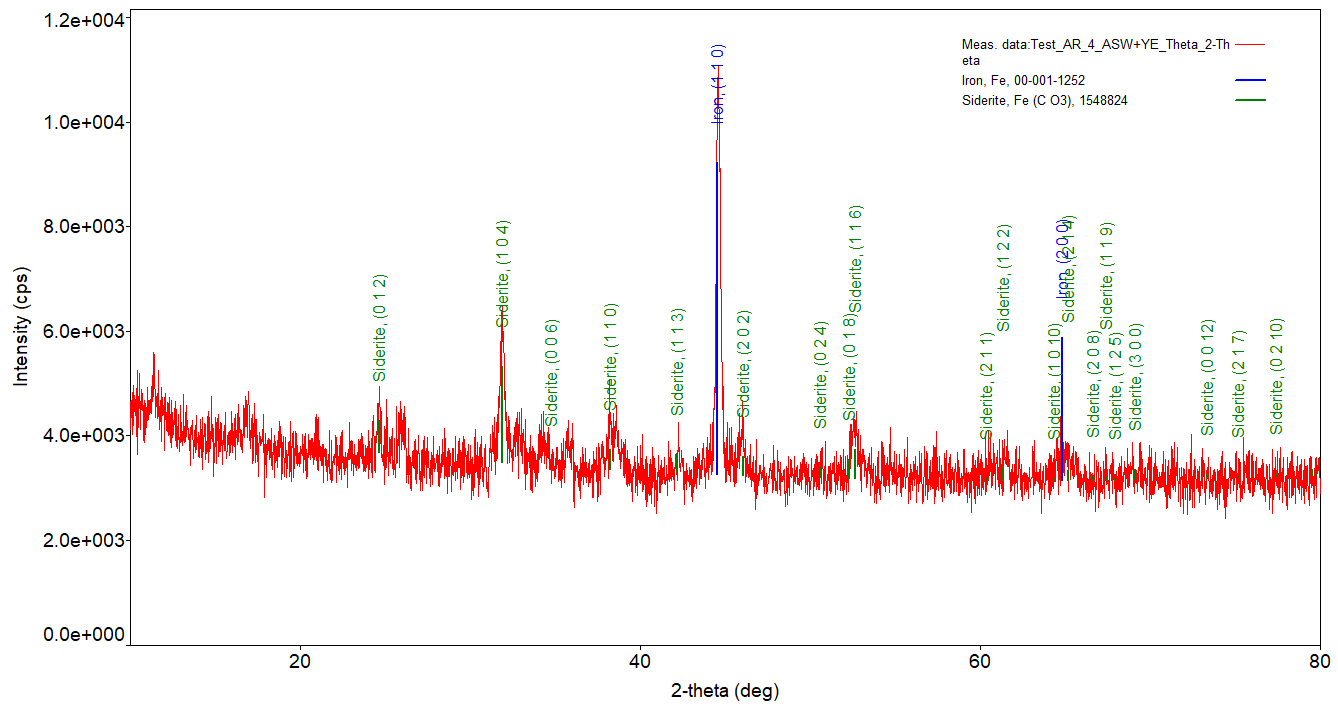
**Figure 2.** Test\_25M\_2\_ASW+YE



**Figure 3.** Test\_25M\_6\_ASW+YE. Probable sample alignment issues – hence the lack of signal below about 50° 2θ



**Figure 4.** Test\_AR\_2\_ASW+YE



**Figure 5.** Test\_AR\_4\_ASW+YE