

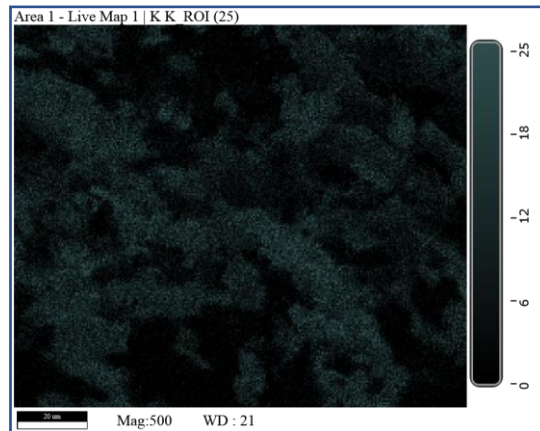
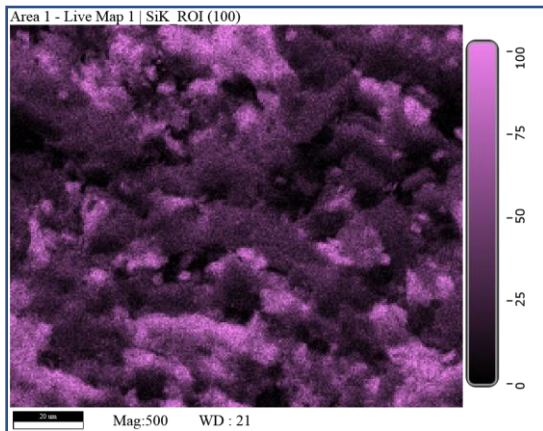
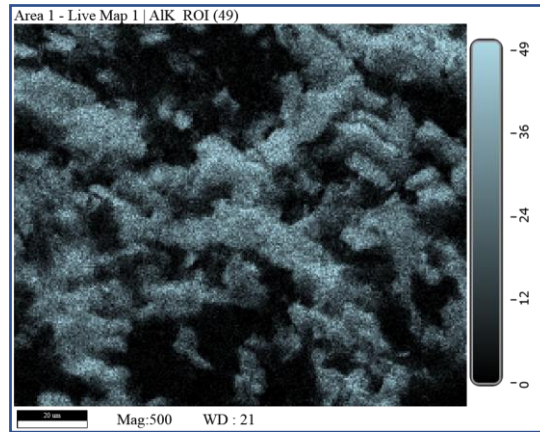
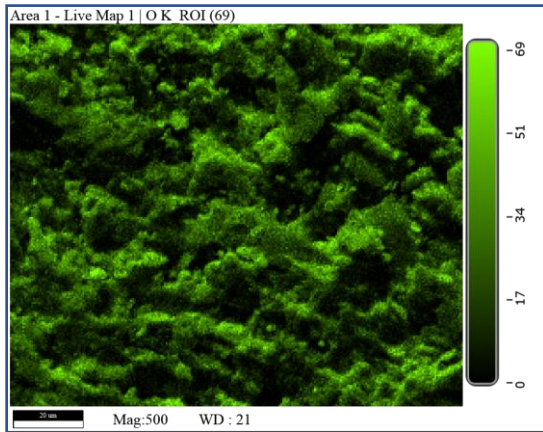
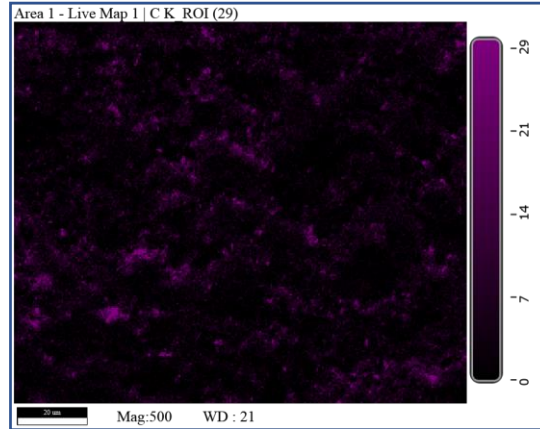
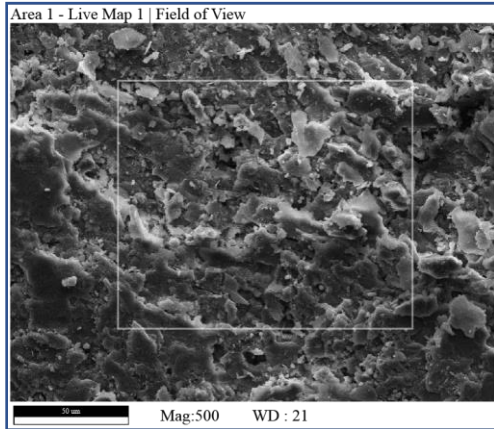
RD22836 A&B

JD Graphite LTD	Analysis Report from the Asbury Carbons Research & Technical Services Department	
Friday, January 11, 2019		
RD#22836...	A	B
Sample ID	Flake Ore	Amorphous Ore
% Carbon(Calcined-Basis)	30.46	3.65
% Moisture	3.37	0.01
% Volatile	2.67	3.09
% Sulfur	0.5414	0.0141
True Density (g/cc)	2.55	2.71
	XRD Data	
	XRD analysis and library search identified the presence of graphite, quartz, alunite. Refined data for graphite is unavailable due to the presence of coincidental peaks from quartz and alunite.	No XRD Data

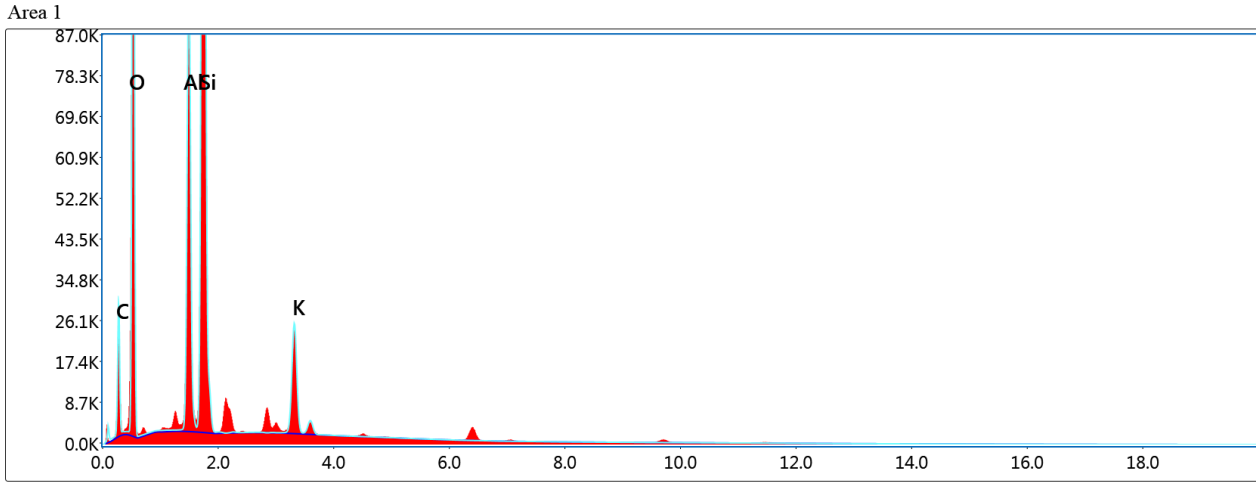
Note: "A" was observed via light microscopy to be a fine flake.
SEM images available on "B"

RD22836 Amorphous

Author: Apex User
Creation: 11/30/2018 12:29:30 PM
Sample Name: RD22836 Amorphous



RD22836 Amorphous



kV:20 Mag:500 Takeoff: 33 Live Time : 11479.45 Amp Time(μs) : 3.84 Resolution:(eV) : 124.7
 Det : Octane Elect Plus

Element	Weight %	Atomic %	Error %	Net Int.	K Ratio	Z	A	F
C K	16.11	24.25	9.75	7.62	0.0271	1.0757	0.1566	1.0000
O K	45.71	51.67	8.63	81.21	0.1123	1.0299	0.2385	1.0000
Al K	9.00	6.03	4.12	62.30	0.0581	0.9165	0.7000	1.0075
Si K	25.03	16.12	3.86	179.33	0.1691	0.9366	0.7199	1.0019
K K	4.15	1.92	2.33	21.00	0.0333	0.8683	0.9136	1.0097