December 6, 2022
Lab no. 222289

Mr. Eric Phillips
Carbonized, LLC
6145 Broadway, Suite #21
Denver, Colorado 80216

Dear Mr. Phillips:

Enclosed are the x-ray fluorescence (XRF) results for your sample, “CL1222” received last week. This report will be mailed and emailed to you.

A representative portion of the sample was ground to approximately -400 mesh in a steel swing mill and then analyzed by our standard XRF procedure for 31 major, minor and trace elements. The relative precision/accuracy for this procedure is ~5–10% for major–minor elements and ~10–15% for trace elements (those elements listed in ppm) at levels greater than twice the detection limit in samples of average geologic composition. A replicate sample and a standard reference material ("GSP-2", a USGS standard rock) was analyzed with the sample to demonstrate analytical reproducibility for your sample and analytical accuracy for a geologic standard, respectively. The accepted ("known") values for the quality control standard are listed with the XRF results.

Thank you for the opportunity to be of service.

Sincerely,

Joy Maes

Carbonized, LLC
XRF Results for Sample, "CL1222"

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IDENT	Na_2O	MgO	Al_2O_3	SiO_2	P_2O_5	S	Cl	K_2O	CaO	TiO_2	MnO	Fe_2O_3	BaO
	Wt %												
MGCO3	0.16	37.1	< 0.03	0.08	< 0.05	< 0.05	0.14	< 0.01	5.12	< 0.01	< 0.01	0.01	< 0.01
Quality Control - Replicate (R) sample and standard reference material (GSP-2) analyzed with samples													
MGCO3(R)	0.16	37.0	< 0.03	0.08	< 0.05	< 0.05	0.14	< 0.01	5.12	< 0.01	< 0.01	0.01	< 0.01
GSP-2-XRF	3.10	1.08	14.5	66.3	0.33	0.06	0.05	5.34	2.10	0.59	0.04	4.32	0.14
GSP-2-known	2.78	0.96	14.9	66.6	0.29	----	----	5.38	2.10	0.66	0.04	4.90	0.15

IDENT	V	Cr	Co	Ni	W	Cu	Zn	As	Sn	Pb	Mo	Sr	U
	PPM												
MGCO3	13	< 10	< 10	< 10	< 10	< 10	< 10	< 20	< 20	< 10	< 10	613	< 10
Quality Control													
MGCO3(R)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	< 20	< 10	< 10	619	< 10
GSP-2-XRF	38	20	< 10	11	< 10	38	101	< 20	< 20	37	< 10	208	< 10
GSP-2-known	52	20	7	17	--	43	120	--	--	42	--	240	2

Ident	Th	Nb	Zr	Rb	Y
	PPM				
MGCO3	< 10	< 10	< 10	< 10	< 10
Quality Control					
MGCO3(R)	< 10	< 10	< 10	< 10	< 10
GSP-2-XRF	101	23	516	204	29
GSP-2-known	105	27	550	245	28

Initial_____

Date_____

Analysis Performed By The Mineral Lab, Inc