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1/7/2019

# Sedimentary Rocks Identification Guide

Lab#3

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Specimen Number	Type of Sediment	Rock Name	Diagnostic Properties
39	Biogenic	Limestone(micrite)	Microscopic fossil fragments
40	Biogenic	Limestone(bioclastic)	Large fossil fragments
41	Chemical	Dolostone	Crystalline form, porous, reacts with HCL when powdered
42	Clastic	Shale	Clay grains, aligned into distinct layer
43	Chemical	Chert	Tan/Brown, Quartz mineral is dominant at its structure, smooth & uniform
44	Clastic	Conglomerate	Gravel (well-rounded) compressed to rock
45	Clastic	Breccia	Gravel (poorly-rounded or even angular) compressed to rock
46	Clastic	Sandstone	Sand grains, sometimes distinct layers are obvious
54	Biogenic	Bituminous coal	Plant remnants compressed into hard black material