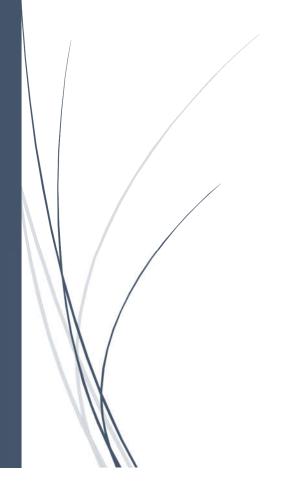
1/7/2019

## Sedimentary Rocks Identification Guide Lab#3



Instructor: Soheil Roudini CLEMSON UNIVERSITY

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