

Key

Sedimentary Environments Worksheet

1. In the middle row of chart below, fill in the kinds of sediments that would accumulate in the environments below, using the following choices: **mud, sand, rounded pebbles and cobbles, unrounded pebbles and cobbles, unsorted and unrounded rocks, carbonates**
2. In the right row of the chart, list at least one rock that would form from the sediments

	environment	sediment(s)	rock(s)
1	river bed	Rounded pebbles cobbles	conglomerate
2	deep lake	mud	shale
3	submarine canyon	Sand, silt, clay	graywacke
4	beach	sand	sandstone
5	desert lake	halite	Rock salt
6	coral reef	Carbonate sand	limestone
7	tidal flat	mud	shale
8	alluvial fan	Unrounded pebbles and cobbles; cross bedding	Breccia/arkose
9	shallow ocean	Sand, silt, clay	shale
10	deep ocean	mud	Shale, chert, chalk
11	sand dunes	sand	sandstone
12	lagoon	mud	shale
13	glacier area	Unrounded pebbles and cobbles	breccia
14	river delta	Sand and mud; cross bedding	Sandstone and shale
15	river floodplain	Mud	shale

3. Place the corresponding letter of each environment on the chart above in the appropriate location in the diagram below.

