

ROCKY Substrate Composition for Each Kick (page 2 of 4)
DO NOT USE IF SAMPLING SANDY SUBSTRATE

Part 3 Substrate Composition kick #1:

- a. Total Time Sampled Rocky Substrate habitat _____ seconds
 b. Average Depth of rectangle sampled = _____ inches or _____ unit? _____

c. Circle: Fast Riffle (1.5-2.5 ft/sec) OR Slow Riffle (0.5-1.5 ft/sec)

1
2

Inorganic Substrate Components			Organic Substrate Components		
Should ALWAYS add to 100%			May NOT add up to 100%		
Substrate Type	Diameter	% Composition in sample	Substrate Type	Describe Characteristics	% Composition in sample
Bedrock	>11 inches		Detritus	Sticks, wood, coarse plant material, CPOM	
Boulder	>256mm, 10 inches				
Cobble	64-256mm, 2.5-10"		Muck-Mud	Black, very fine organic material, FPOM	
Gravel	2-64 mm, 0.1-2.5"				
Sand	0.06-2 mm, Gritty				
Silt	0.004-0.06mm		Marl	Grey, shell fragments	
Clay	<0.004, slick/slimy				
TOTAL %			TOTAL %		

Part 3 Substrate Composition kick #2:

- d. Total Time Sampled Rocky Substrate habitat _____ seconds
 e. Average Depth of rectangle sampled = _____ inches or _____ unit? _____

f. Circle: Fast Riffle (1.5-2.5 ft/sec) OR Slow Riffle (0.5-1.5 ft/sec)

1
2

Inorganic Substrate Components			Organic Substrate Components		
Should ALWAYS add to 100%			May NOT add up to 100%		
Substrate Type	Diameter	% Composition in sample	Substrate Type	Describe Characteristics	% Composition in sample
Bedrock	>11 inches		Detritus	Sticks, wood, coarse plant material, CPOM	
Boulder	>256mm, 10 inches				
Cobble	64-256mm, 2.5-10"		Muck-Mud	Black, very fine organic material, FPOM	
Gravel	2-64 mm, 0.1-2.5"				
Sand	0.06-2 mm, Gritty				
Silt	0.004-0.06mm		Marl	Grey, shell fragments	
Clay	<0.004, slick/slimy				
TOTAL %			TOTAL %		

ROCKY Substrate Composition for Each Kick (page 3 of 4)
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Part 3 Substrate Composition kick #3:

- g. Total Time Sampled Rocky Substrate habitat _____ seconds
 h. Average Depth of rectangle sampled = _____ inches or _____ unit? _____
 i. Circle: Fast Riffle (1.5-2.5 ft/sec) OR Slow Riffle (0.5-1.5 ft/sec)

1 Inorganic Substrate Components			2 Organic Substrate Components		
Should ALWAYS add to 100%			May NOT add up to 100%		
Substrate Type	Diameter	% Composition in sample	Substrate Type	Describe Characteristics	% Composition in sample
Bedrock	>11 inches		Detritus	Sticks, wood, coarse plant material, CPOM	
Boulder	>256mm, 10 inches				
Cobble	64-256mm, 2.5-10"		Muck-Mud	Black, very fine organic material, FPOM	
Gravel	2-64 mm, 0.1-2.5"				
Sand	0.06-2 mm, Gritty				
Silt	0.004-0.06mm		Marl	Grey, shell fragments	
Clay	<0.004, slick/slimy				
TOTAL %			TOTAL %		

Part 3 Substrate Composition kick #4:

- j. Total Time Sampled Rocky Substrate habitat _____ seconds
 k. Average Depth of rectangle sampled = _____ inches or _____ unit? _____
 l. Circle: Fast Riffle (1.5-2.5 ft/sec) OR Slow Riffle (0.5-1.5 ft/sec)

1 Inorganic Substrate Components			2 Organic Substrate Components		
Should ALWAYS add to 100%			May NOT add up to 100%		
Substrate Type	Diameter	% Composition in sample	Substrate Type	Describe Characteristics	% Composition in sample
Bedrock	>11 inches		Detritus	Sticks, wood, coarse plant material, CPOM	
Boulder	>256mm, 10 inches				
Cobble	64-256mm, 2.5-10"		Muck-Mud	Black, very fine organic material, FPOM	
Gravel	2-64 mm, 0.1-2.5"				
Sand	0.06-2 mm, Gritty				
Silt	0.004-0.06mm		Marl	Grey, shell fragments	
Clay	<0.004, slick/slimy				
TOTAL %			TOTAL %		