Name	:		Date:		Period:
Gro	oundwater W	/ebquest			
In this	s webquest you will di Iso learn about wells a	scover what grour		-	ow about it. You
Go to	the following website	http://techalive.r	mtu.edu/meec/mo	odule06/title.htm	
and ac	e read each page and p ctivities to answer the nents do not apply to y	following question	ns. NOTE: This	page is from Mic	higan, so some
_	ortance of Ground at percent of people in		undwater?		
2. Wh	at percent of America	ns use groundwate	er for drinking?		
3. Wh	at is runoff?				
	oundwater is part of the Cycle.)	2	Cycle. (Mo	ore commonly kn	own as the
Poro	sity				
5. Lis	t the size for each part	icle in the boxes b	elow the diagrar	ns	7
	Gravel	Sand	Silt	Clay	
			•		
	\longleftrightarrow	\longleftrightarrow	> <	>←	
6. Generally, soil is a mixture of particles such as			or		
8. Soi	ls with a greater range	of particle sizes h	nave	poro	sity, because
9. Sor	me	can also hold wa	ater. List two rea	sons they can ho	ld water.

10. Using the bo of soil below.	exes below the dis	agrams, label th	ne time it takes wa	ter to move through each type			
Gravel	Sand	Silt	Clay				
Water Table				_			
11. The saturate	ed zone is where						
12. The top of the	he saturated zone	e is called the _					
	nation of soil par			e level of the water table the			
Aquifers							
14. In the table	below, describe t	two different ty	pes of aquifer.				
Co	onfined Aquifer		Unc	onfined Aquifer			
15. Define impe	ermeable						
16. Which type of aquifer would be best for drilling a drinking water well why?							

17. Precipitation that infiltrates the soil and rocks is known as					
18. When ground water moves to the surface to become part of rivers, streams and lakes it is called					
19. When the water table is high, groundwater flows streams and lakes. These streams are called streams.					
20. When the water table is low, water flows from the into the streams streams.					
21. Unconfined aquifers may flow the watershed above them.					
22. Confined aquifers may be					
Wells 23 Artesian wells can on their own because they are under a well is drilled too in elevation, however, there won't be enough gravity to force the water above ground, and a pump will be necessary.	If ;				
24. Pumps can be the well, or ground.					
25. When water is pumped out of the ground, it can cause the water table to drop in the area o well. This is known as	f a				
Well Siting Game					
26. What section has the greatest potential for a drinking well?					
27. What qualities make this section the best?					
28. How many trials did it take you to determine the best site?					