

Comparing infiltration rates in different land uses



Which factors affect infiltration rates?

1.
2.
3.
4.

Hypothesis: Infiltration rates will be greater on compared to

This is because

Land use:		
Relief		
Compaction		
Saturation of ground		
Write a general description for the characteristics of each area listed above as you carry out your experiment. How can these characteristics affect flooding? What could be done to prevent it?		

LANDUSE 1:				
Time (secs)	Water Level (mm)	Refill Level (mm)	Drop/30 sec (mm)	Cumulative drop / (mm)
0				
30				
60				
90				
120				
150				
180				
210				
240				
270				

LANDUSE 2:				
Time (secs)	Water Level (mm)	Refill Level (mm)	Drop/30 sec (mm)	Cumulative Drop (mm)
0				
30				
60				
90				
120				
150				
180				
210				
240				
270				

