

Lab Report

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Activity 2.2.2 Erosion investigation

Problem

How to stop or slow water erosion

Hypothesis

I think that the screen will slow the erosion down dramatically but will not completely stop it

Materials

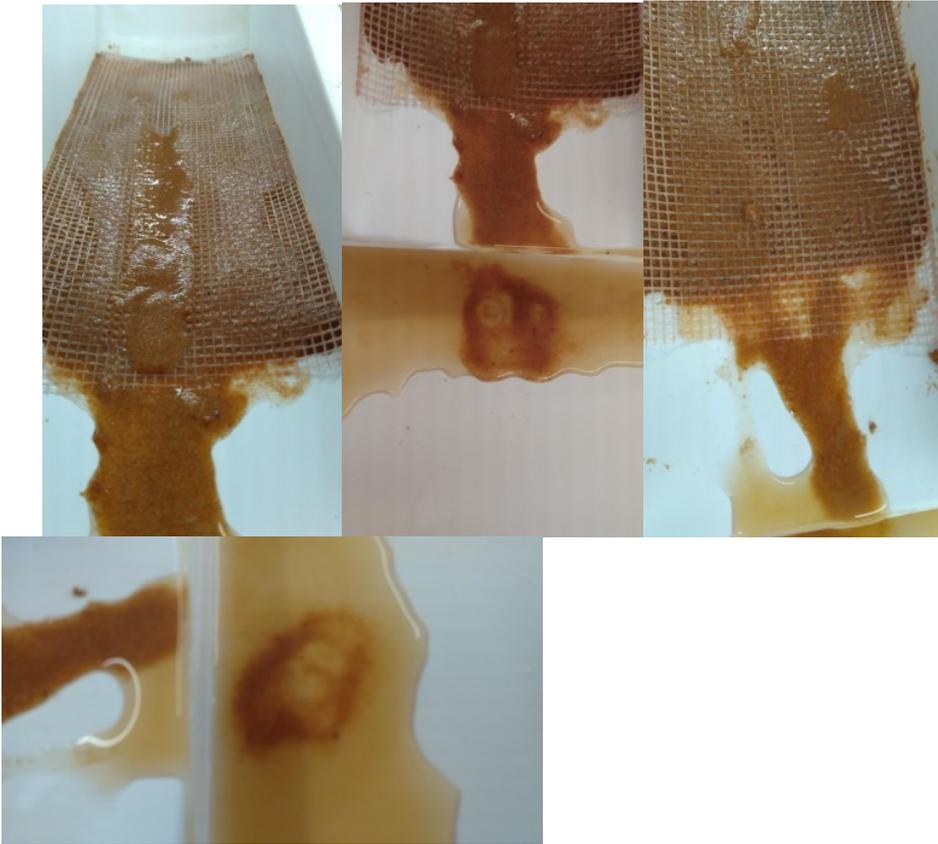
- Stream bed
- Catch basin
- Stand
- Rainmaker
- 30 ml graduated cup
- Plastic tub (i.e. dish tub)
- Screen
- dirt

Procedures

Do your three base tests without the screen pack the sand between A and B and put the thirty ml of water in the rain maker then record the outcome then when done do three more trials with the screen laded on top of the sand and compare the difference with pictures

Data Collection





Analysis of Results

The screen did work it cut the erosion down by more than half

Conclusions

It did its job it wasn't a hundred percent but it worked and there seemed to be no flaws