

CWSF 2006 - Saguenay, Québec



Sarah Marriott

Nature's Disappearing Act: What are the Best Methods of Controlling Soil Erosion

Division: Engineering & Computing Sciences

Category: Junior

Region: Greater Vancouver

City: Burnaby, BC

School: Moscrop Secondary

Abstract: The goal of this project was to evaluate different methods of controlling soil erosion. The methods were vegetation, wattle fences, and brush layers in a cut (plus a control, which was a plain slope). Using rain and wind, natural conditions were recreated. At the end of the experiment the soil was weighed to calculate total soil erosion.

| Awards | Value |
|---|-------|
| Honourable Mention - Earth & Environmental Science - Junior | \$100 |
| Sponsor: Petro-Canada | |
| Total | \$100 |