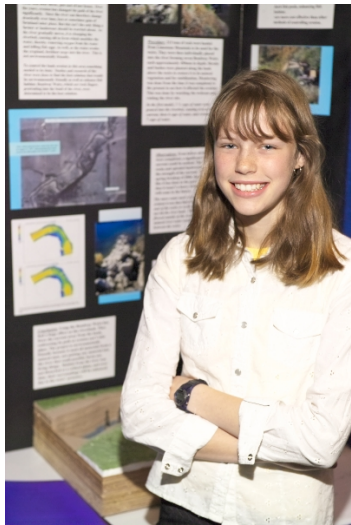


CWSF 2005 - Vancouver, British Columbia



Erik Yao

Attaining Compaction Characteristics of Soil Using Alternative Proctor Test Method

Division: Engineering & Computing Sciences

Category: Intermediate

Region: Quinte

City: Belleville, ON

School: Moira Secondary School

Abstract: The Standard Proctor test is used to display soil compaction characteristics but is laborious and time consuming. This project uses a customized apparatus and procedure, which includes alterations to the Standard Proctor procedure, to save time and labour while displaying similar compaction characteristics as the Standard Proctor.