

# CWSF 2007 - Truro, Nova Scotia



## Ian Walker, Scott Denniston

### From Trash to Cash

**Division:** Health Sciences / None

**Category:** Junior

**Region:** Sudbury

**City:** Sudbury, ON

**School:** R.L. Beattie P.S.

**Abstract:** The mechanical properties of Frubber insulation were tested. Frubber, an environmentally friendly innovation, is an excellent insulator as well as strong, durable and less dense than water. The elasticity, yield point, permeability, toxicity, freeze thaw durability and density of this product were discovered. The main applications of Frubber include insulating roads, building foundations and around manholes. This product is ready for the market.

### Biographies

Ian - My name is Ian Walker, i love doing any kind of sport. On my spare time i just ride my bike thats really the only thing i do on my spare time. I am attending Loellen Park Secondary School next year. In the future i would like to be in the trades or have a buisness with my projects insulation. Me and my science fair partener Scott have won the regional science fair two years in a row. Going to last year's national science fair was a great experiance the plane rides, the tours and the banquits were probably the most memorable parts of the trip, i can not wait until the nationals this year and im positive that it will be even better than last yea...

Scott - Scott Denniston is a grade 8 student at R.L. Beattie P.S. in Sudbury, Ontario. Scott is very involved in the arts, athletics, and academics. Five years ago, Scott began his acting career by participating in drama lessons at the Sudbury Theatre Centre. Today, he has the honour of playing the lead role in the STC, Students On Stage production, Mining Rocks. Some of his favourite activities include soccer, swimming and skiing. Scott is president of Student Council and has maintained honour roll status. He has enjoyed his Science Fair experiences and looks forward to participating in his second National Science Fair.

### Awards

### Value

The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Engineering - Junior Sponsor: Youth Science Foundation Canada	\$700
Total	\$2 200