

## CWSF 2007 - Truro, Nova Scotia



### Ian Morrison

#### CSI Cold Scanning Investigations

**Division:** Health Sciences / None

**Category:** Intermediate

**Region:** Halifax

**City:** Dartmouth, NS

**School:** Ellenvale Junior High School

**Abstract:** Precision BioLogic had a problem with barcodes frosting up when they shipped their products, which are stored at ultra low temperatures (below  $-70^{\circ}\text{C}$ ). Three different technologies were tested. The barcodes did not work well, the magnetic strip worked but had to be attached in a weird way, and the smart card worked flawlessly.

#### Biography

I am 14 years old and a grade nine student at Ellenvale Junior High School. I enjoy playing hockey for the Dartmouth Whalers and soccer for Dartmouth United. I belong to 17th Dartmouth scout troop and recently received my Chief Scout's Award. I have been a paper carrier for the Chronicle Herald since I was 10 years old. I play alto saxophone in band and I also play in a jazz band and a saxophone ensemble. I plan to do the International Baccalaureate program in high school. I hope to become an aeronautical engineer.