

CWSF 2007 - Truro, Nova Scotia



Glendon Hass

The Zeolite Exchange

Division: Engineering & Computing Sciences / None

Category: Junior

Region: Chinook Country

City: Calgary, AB

School: Red Deer Lake School

Abstract: The Zeolite Exchange studied whether it would be possible to use zeolite to change the harmful chemical composition of shallow gas sludge and reduce its environmental impact. Zeolite effectively reduced the Sodium Adsorption Ratio to an acceptable level for soil structure and plant health. At 20% zeolite by weight, plant germination was not affected and plant growth was enhanced.

Biography

Glendon Hass is a Grade 8 student who currently attends Red Deer Lake School south of Calgary. Glendon is an honor with distinction student in all five core subjects for the past two years. Last year Glendon attended the National Science Fair in Saguenay, Québec and won Silver in the Life Sciences category with Rain of Terror. Glendon is an accomplished musician who can play the ukulele, saxophone, and piano. He is an active member within the school community and is involved with the tech crew and drama production. Glendon loves the outdoors and is an avid cook. He hopes to become an engineer when he finishes school.

Awards

Value

Petro-Canada Peer Innovation Award - Junior - Western Canada Sponsor: Petro-Canada	\$200
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Earth & Environmental Sciences - Junior Sponsor: Petro-Canada	\$300
Total	\$1 500