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MANULIFE FINANCIAL SCHOLARSHIP

High salt concentrations in mine waste is detrimental to plant growth, and Joel N. Hilderman, P.Eng., is studying engineered soil covers over waste piles to measure the amount of salt moving into the soil. Joel is looking to develop a general understanding of the mechanisms and rates of salt transport to make recommendations on soil cover thickness and solutions for reducing salts in mine waste.

Undertaking a Master of Science in Engineering and specializing in Geoenvironmental Engineering at the University of Saskatchewan, Joel would like to be active in environmental stewardship. He is dedicated to working towards reclaiming mined areas to allow vegetation to grow and thrive.