

Joggins Fossil Institute Appoints New Board Members

The Joggins Fossil Institute has announced the installation of three new members to the Board of Directors: Mr. Brian F.P. Murphy Q.C., of Moncton, New Brunswick; Mr. Ron Burdock, of Halifax, Nova Scotia and Dr. Jeff Ollerhead of Wood Point, New Brunswick.

Brian F.P. Murphy, Q.C., is an experienced litigator and is a member of the Canadian Bar Association, the Law Society of Upper Canada, and the Law Society of New Brunswick. He is immediate past President of the Moncton Area Lawyers' Association and sits on the Examining Committee of the Law Society of New Brunswick. He was

appointed Queen's Counsel in 2015.

Ron Burdock is a Principal and LEED Accredited Professional, with over 30 years of experience, at Architecture49 and its predecessor, WHW Architects. Mr. Burdock served as president of the Nova Scotia Association of Architects from 2010 to 2012, and he was elected a member of the College of Fellows, Royal Architectural Institute of Canada in 2014.

Dr. Jeff Ollerhead is Provost and Vice-President, Academic & Research/Professor at Mount Allison University, whose duties in that capacity include the planning and manage-

ment of the university's academic affairs and the development, maintaining and supporting of teaching and research excellence. Dr. Ollerhead joined the MTA Department of Geography and Environment in 1994 and served previously as Department Head and Dean of Science and Graduate Studies. His research interests include coastal evolution and salt marsh restoration.

The Joggins Fossil Institute Board of Directors are volunteers. Please contact Laurie at 902-251-2727 ext. 224 or education@jogginsfossilcliffs.net for more information.

Minewater Business Park Design Gets Funding

By Maurice Rees

A \$250,000 contract for the concept design phase of a minewater geothermal business park in Springhill will be completed by DesignPoint Engineering & Surveying Ltd., as the result of an open request for proposals in the Request for Proposals (RFP) process.

The geothermal potential on a larger scale in Springhill has been a subject of interest for decades. Minewater has been used for geothermal heating and cooling in businesses in Springhill for over 30 years. In fall of 1986, ACOA was involved in a funding announcement under the Mulroney government. It was projected future businesses involving acres of glass for greenhouses would be a reality. Now over 30 years later the opportunity to create a larger minewater geothermal business park is closer to reality.

The Government of Canada, through the Atlantic Canada Opportunities Agency's (ACOA) Innovative Communities Fund, is providing a \$125,000 contribution for the concept design while

the Cumberland Energy Authority will contribute an equal amount.

Springhill is noted for having some of the deepest coal mines in North America, with depths reaching 1323 metres. Coal mining became the primary industry for the community in 1849 and continued until a series of mining disasters forced the closure of the mines in 1958. This was the end of large-scale coal mining in Springhill. Over the years, the mine tunnels started to flood with water, providing a valuable resource for the community.

"Geothermal energy has been shown to significantly reduce energy costs," said Bill Casey, the Member of Parliament for Cumberland - Colchester, on behalf of the Honourable Navdeep Bains, Minister of Innovation, Science and Economic Development and Minister responsible for ACOA. "Through projects like this one, the Government of Canada is helping local businesses save on energy so they can better compete in the global market and grow the economy. The green industrial

business park will help companies decrease their carbon footprint, develop efficient and renewable energy, and protect the environment."

ACOA has previously funded research related to the minewater geothermal potential in Springhill. The draft concept design will include a plan showing the proposed road layout, lot configurations, water, sanitary and stormwater management systems, active transportation routes, a "whole community" aesthetic and a district energy system brief.

"We had considerable interest in the RFP process from many engineering firms. We are confident in the team at DesignPoint and look forward to working with them on this unique opportunity," stated Ray Hickey, Executive Director of the Cumberland Energy Authority. "This vital phase of the business park development wouldn't be possible without the continued financial support from ACOA."

The Cumberland Energy Authority is a project of the Municipality of Cumberland, intent on setting the standard of leadership in local government for the development of renewable energy, support of the progressive energy industry and the encouragement of a sustainable future for our communities.



Cliffs of Fundy Geo-Explorers

On July 9th, children in grades four, five and six registered in the Municipality of Cumberland Summer Camp Program in Springhill and Parrsboro, participated in a Cliffs of Fundy Geo-Explorers Program.

The Geo-Explorer Program, held on the shoreline in Parrsboro near Partridge Island, was led by Dr. John Calder. Dr. Calder educated the group about the unique geology that exists in the area as he recounted the story of Pangea. Following the interactive educational lesson, participants explored the shoreline in search of "special stones". Dr. Calder shared that each rock has a unique story and explained the storyline behind each stone presented by the children.

The Geo-Explorers Program ended with a "plein air" style art activity which was facilitated by local artist, Krista Wells, who guided the group through

the process of mixing primary paint colors to create new colors and encouraged them to design their own interpretation of the landscape.

The Geo-Explorers Program provided the children a fun-filled, educational, outdoor experience linking culture and geology. "Anytime you can share information with a child in a way that sparks curiosity and a new sense of wonder about the geology and the world around them, is a successful day, and I would say this day is a huge success.", said Dr. Calder. Composer Jeffrey Martin will provide a presentation and family workshop at the Joggins Fossil Centre on Sunday August 4. At 11:00 AM Jeffrey presents "Soundscape Composition: An introduction", and familiarizes participants with soundscape composition, a form of sound-based music. He also leads a discussion of soundscape, soundwalking and acoustic

ecology, presents excerpts from other soundscape composers' works, as well as an overview of his own, current soundscape project, Sounding Cliffs. This presentation is free and open to the public.

At 2:00 PM Jeffrey leads a family workshop entitled "Composing with Everyday Sounds". Participants learn how to edit, transform and arrange recordings of sounds from everyday environments to create interesting compositions. No experience is necessary; but younger participants would benefit from the guidance of parents/guardians or older siblings.

Participants must bring their own laptop computer and headphones. All other material will be provided. And the workshop is free but registration is necessary. Contact Laurie at 902-251-2727 Ext 224 or email: education@joggins-fossilcliffs.net. The ArtScape Artist-in-Residence Program is sponsored by ArtsNS, ArtsNB and the Municipality of the County of Cumberland.

FORCE Site Has New Tenant

The FORCE demonstration site outside Parrsboro will have a new tenant as a result of Department of Energy and Mines issuing two marine renewable energy permits to Jupiter Hydro for a tidal electricity project.

"Nova Scotia continues to be a leader in the development of clean, renewable tidal energy," said Energy and Mines Minister Derek Mombourquette. "Having

another company test their technology in the Bay of Fundy shows that this early-stage industry continues to grow and create green jobs in our rural communities."

The first permit allows the company to test a one-megawatt prototype that is not connected to the electricity grid. The second permit is for up to two megawatts. This five-year permit is renewable if the

company meets performance standards, environmental requirements and community engagement conditions.

The project is required to obtain all other necessary approvals, permits and authorizations. The project will be located near the Fundy Ocean Research Center for Energy in the Minas Passage and will use existing electricity grid connections.

Harrison's Home hardware building centre



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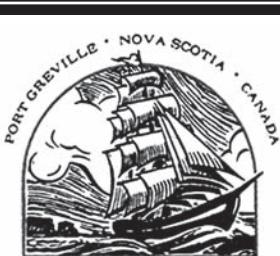
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