

DESCRIPTION & COMPONENTS

Britannia stands unique along the Sea to Sky corridor as the home of a large copper-zinc deposit which was mined from 1905-1974. This short program will give a brief introduction to how Britannia's ore deposits formed followed by a walk through our historic tunnel to examine up close evidence of Britannia Beach's geologic history as told through the rock formations and new mineralization.

To the north of Britannia Beach is the granitic intrusion which forms the five Granite Batholiths of Squamish, of which the Stawamus Chief is perhaps the most well known. To the south of Britannia Beach is an older plutonic intrusion. These intrusions uplifted and deformed the older Britannia host rock, and in the process, created the Britannia Shear Zone - the relatively narrow geologic ore-bearing formation.

While our tunnel is not part of that ore-bearing formation, it did experience the same type of upheaval and deformation. Within the tunnel, there is evidence of metamorphism, faults, and fractures. Also present are the formations of new minerals, which are attributable to the metal-rich minerals which were mined here.

This program, in combination with a geologic tour of the corridor, allows for an exploration of both the common factors that shaped the area as well as how geologically varied the corridor is.

BLACK SMOKERS, VOLCANISM, & TECTONICS

Before exploring our underground, your class will receive a brief introduction to the key geologic forces that led to the formation of a Volcanogenic Massive Sulphide deposit in the mountains east of Britannia Beach.

GEOLOGIC TUNNEL WALK

On a guided walk through our tunnel your students will explore evidence of Britannia's geologic past and present.

ARRIVAL & DURATION

Program duration: **1 hour**

Click [here](#) for Rates and Arrival & Departure Times.

BEFORE, DURING, AFTER

BEFORE YOUR VISIT

Check & note all contents of your Booking Confirmation. Give a copy to your School Office/Secretary for 'how to pay'. Prepare your students: consult our pre-trip [Educator Resources](#). Make sure students know to wear appropriate sturdy footwear & a warm jacket.

ON ARRIVAL

Check in & pay at our Ticket Desk. Your group may wish to use our washrooms. Meet our Interpreters.

DURING YOUR VISIT

Accompanying adults must chaperone - we ask that students are courteous & respectful of their classmates, our Interpreters & other Museum guests. Horseplay whilst walking the tunnel is disallowed. We encourage students to be enthusiastic, ask questions and participate in shaping their experience with us.

AFTER YOUR VISIT

Please complete our [short survey](#) to help us make sure our programs meet your needs & help shape our future educational programs. Build on your visit with our post-trip [Educator Resources](#).

To book or change your booking contact us via
Candace Schmidt
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NATIONAL HISTORIC SITE

BRITANNIA
MINE MUSEUM