



An adventure

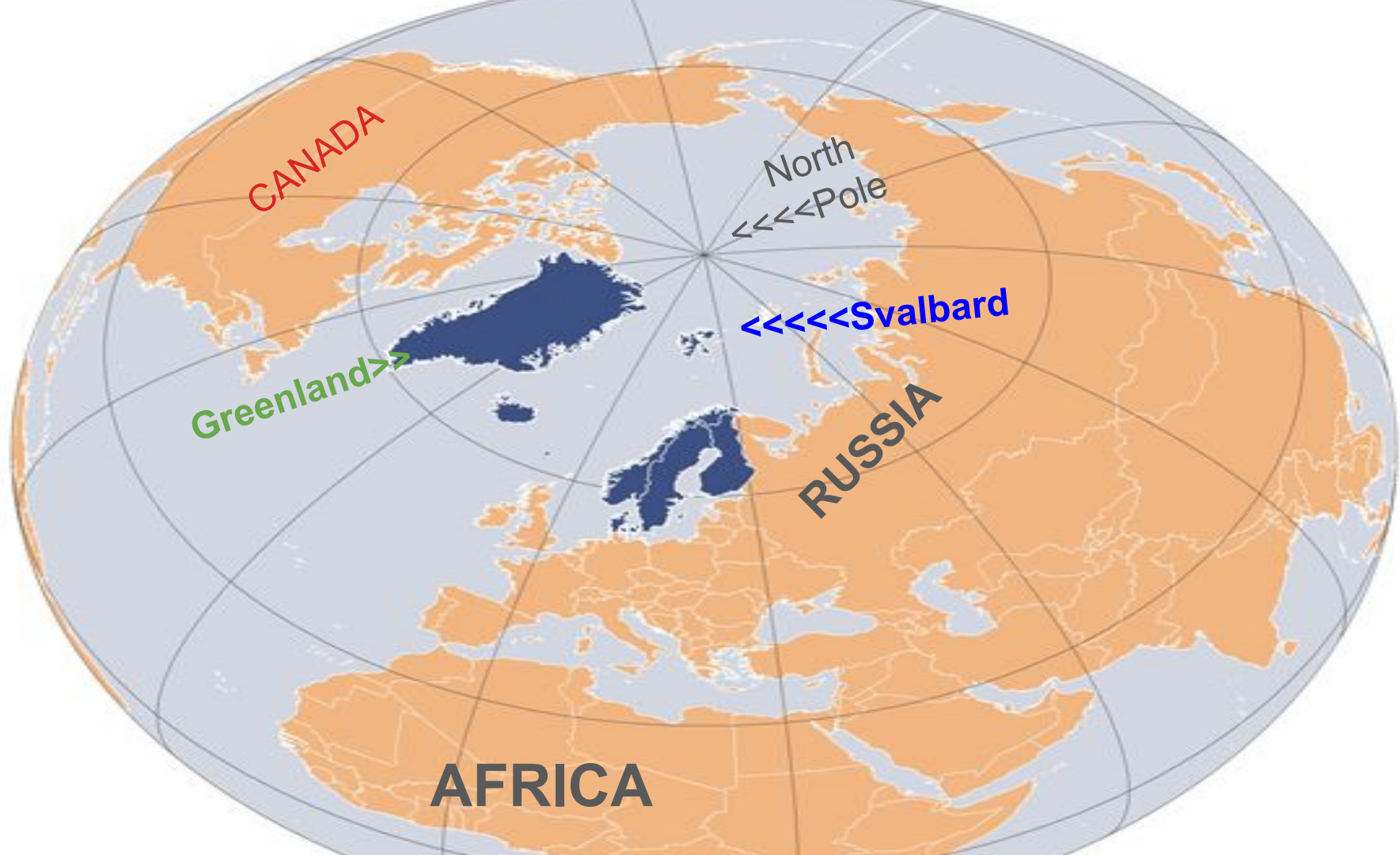
to

The top of the world

SVALBARD, Norway

A wide-angle photograph of a rugged mountain landscape in Svalbard, Norway. The scene is dominated by steep, rocky slopes with patches of green tundra and snow. A small, cascading waterfall is visible on the left side of the mountain. The sky is a clear, vibrant blue. The overall atmosphere is one of a remote, high-latitude environment.

78.250 deg. N Latitude or 8,698 km north of the Equator



CANADA

Greenland

North
Pole

Svalbard

RUSSIA

AFRICA



Bering Sea

Ocean

Alaska ^

Canadian Archipelago

Greenland Dk

New Siberian
Islands

Russia

Svalbard >>
Archipelago
78 ° north lat.

Arctic Ocean
<<<1300 km >>>

• << Magnetic North

<North Pole

Novaya

Severnaya
Zemlya Rus

Zemlya Rus

Russia

Barents SEA

NORWAY





Norway's Svalbard Archipelago

Svalbard covers 62,045 sq km

The **SVALBARD Archipelago** has 62,000 sq km
9 Glacial Islands that exist for research, centres + an important SEED VAULT, + one operating coal mine and Northern Lights, tourism! Svalbard's Islands are officially governed by Norway and they use the same currency, but they have special freedoms, different rules and traditions not found on the Mainland. The Archipelago was given to Norway in 1911 by UN



Whaling for bowhead whales started in 1611, dominated by English and Dutch companies. Norwegians only became interested in the Archipelago in the early 1900's !!!

Abandoned
COAL MINE # 7
MINE





There are more bears than people

Beluga Whales - below- that arrive in Svalbard for summer birthing and feeding in the rich warm water currents around Spitsbergen, Svalbard Archipelago

Visiting Whales

humpback whales

blue whale, minke whales

beluga whales sperm

whales bowhead whales,

northern bottlenose whales

fin whale white whale









Picture was taken in January 2024.



Arrival : Longyearbyen Airport, Svalbard
SAS is Scandinavian Air



Welcome to Svalbard

9 islands = 62,045 sq km

Population (2023) of 2,400

Coal Mines suggest Svalbard was lush & tropical in its past

Reindeer, 3500 Polar Bears and whales are plentiful in region

The Arctic is deeply affected by climate changes. Up to 2023 Electricity was made with coal! Svalbard hopes to be “emission free” using solar, and heat pumps by 2030! No more coal - in 2024! They have 2 schools and one University Research College in Longyearbyen!

AVINOR

SVALBARD LUFTHAVN LONGYEAR





LUFTHAVN

SVALBARD

- Norwegian Airlines
- Scandinavian Airlines
- Open year-round
- Modern with radar
- For Emergencies
- For Tourists & workers arriving
- No security checks or passport control requirements
- Pregnancies and deaths are flown to OSLO
- Taxis and vans for hire to get to town
- 3 hour flight from Oslo to LYB

LONGYEARBYEN AIRPORT

Longyearbyen, Svalbard

The world's most northerly permanent town!



Longyearbyen has a Modern Seaport for Whaling, fishing, for tourists, and shipping coal to Russia!



>>>> Rays of sunlight peek over the mountains on the left, at such a low angle, and make the cloud glow in the midnight sun to the night

.....>>>>

100 year old cable car tower used to get coal out of the mines, down to the coal ships >>

Hotel





REALLY?
More skidoos
and rifles per
capita
than
anywhere
else in the
world!!

Boys and their toys



There are 4000 Skidoos in
Longyearbyen for 2400
people!

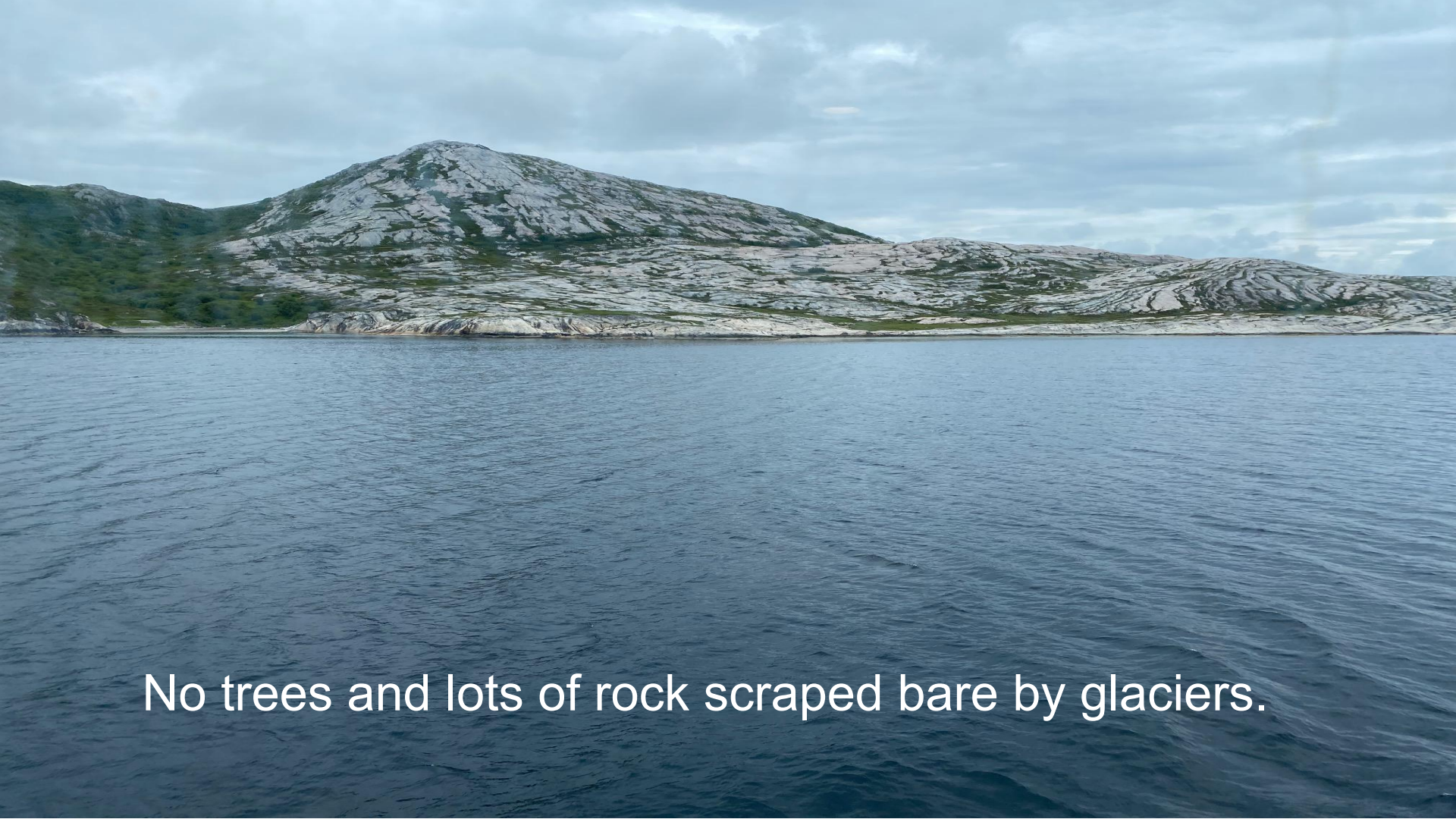
Plus lots
of vehicles

VVVVV





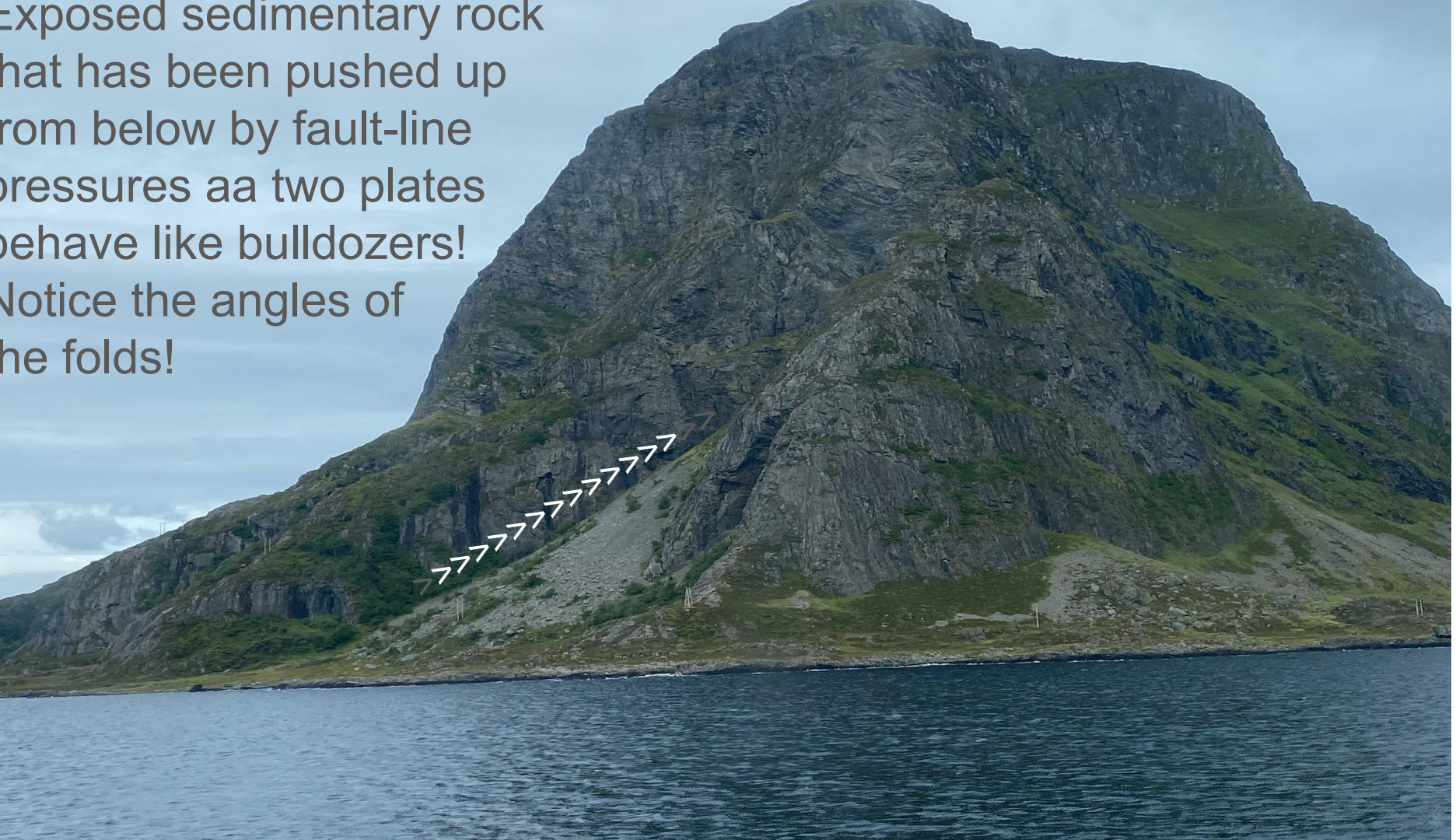
**Hurtigruten Cruise Line brings hundreds of tourists,
+ packages & mail, + tons of restaurant food and all their
building materials to Longyearbyen several times a week
year round.**

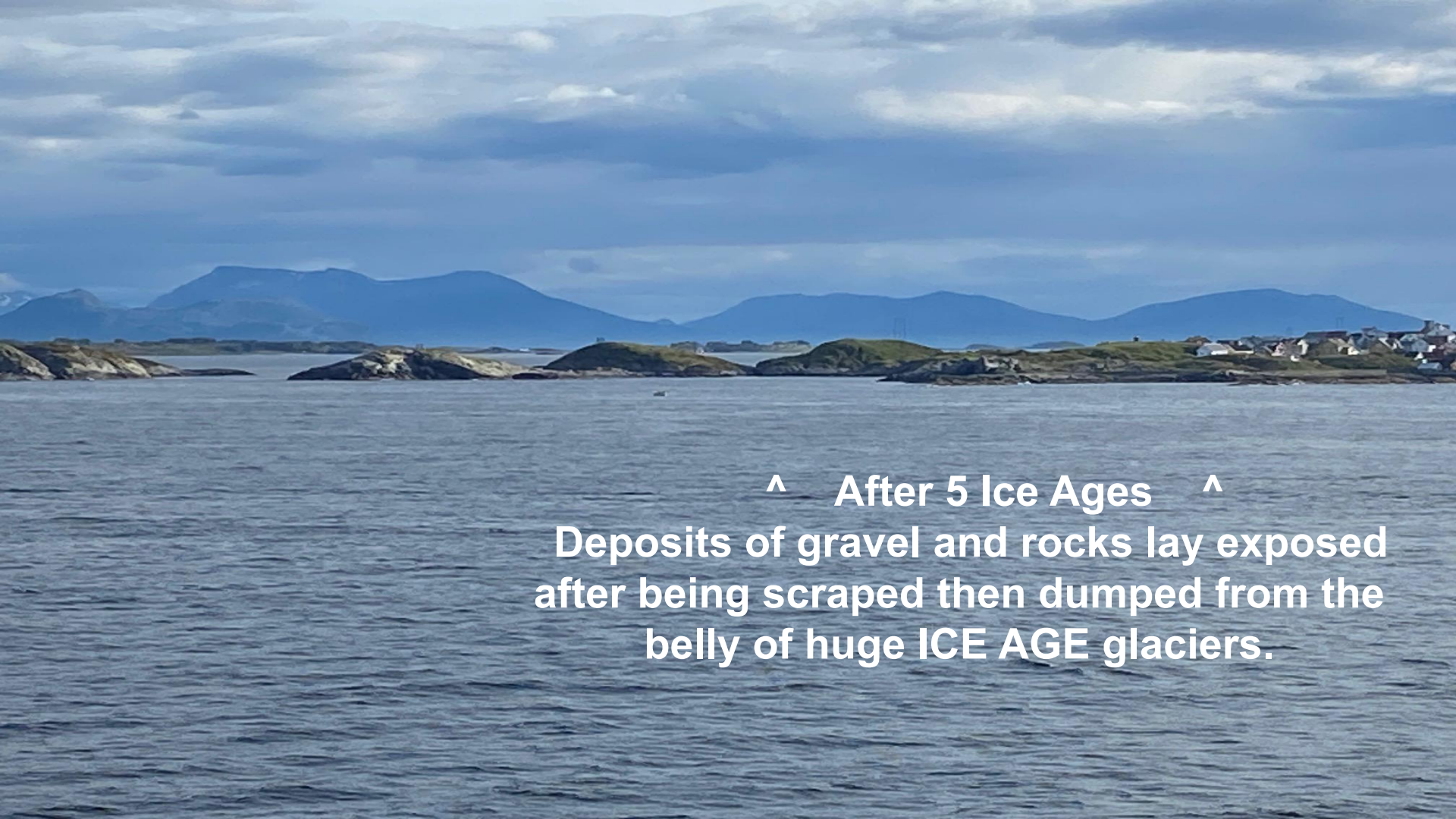


No trees and lots of rock scraped bare by glaciers.



Exposed sedimentary rock
that has been pushed up
from below by fault-line
pressures as two plates
behave like bulldozers!
Notice the angles of
the folds!





^ After 5 Ice Ages ^

Deposits of gravel and rocks lay exposed
after being scraped then dumped from the
belly of huge ICE AGE glaciers.







wWinter in Svabard



Canada's invention for Observing Polar Bears — arrives in Svalbard in 2024





Murray
and Bob
enjoy the
september
+10 deg C
Temps
And warm
sunshine
Sept 2024



GLOBAL SEED VAULT

V

SVALBARD
GLOBAL
SEED VAULT

Safeguarding Seeds for Future Generations
Svalbard Global Seed Vault, Norway, 2008
The world's largest seed vault, the Svalbard Global Seed Vault, is a secure storage facility for the world's crop genetic diversity.

Welcome to the Svalbard Global Seed Vault
The world's largest seed vault, the Svalbard Global Seed Vault, is a secure storage facility for the world's crop genetic diversity. The vault is located in a mountain on the island of Longyearbyen, Norway, and is the only place in the world where seeds are stored for future generations.

From this point, straight ahead is the Seed Vault entrance – the portal building – and to the left, the 800 insurance building for handling seed deposits. The Seed Vault only stores the seeds when the world's crop genetic diversity is threatened.

From the portal building, a tunnel leads 100 meters to the vault entrance. In the vault, the seeds are stored in a constant 10°C (50°F) environment. The vault is the only place in the world where seeds are stored for future generations.

Recently established the Seed Vault in 2008 and will continue to be the only place in the world where seeds are stored for future generations.

As of 2020, the Seed Vault had stored more than 1 million seeds from over 5,000 different plant species. The vault is the only place in the world where seeds are stored for future generations.

It is the responsibility of every generation to ensure that the seeds are stored for future generations. The vault is the only place in the world where seeds are stored for future generations.

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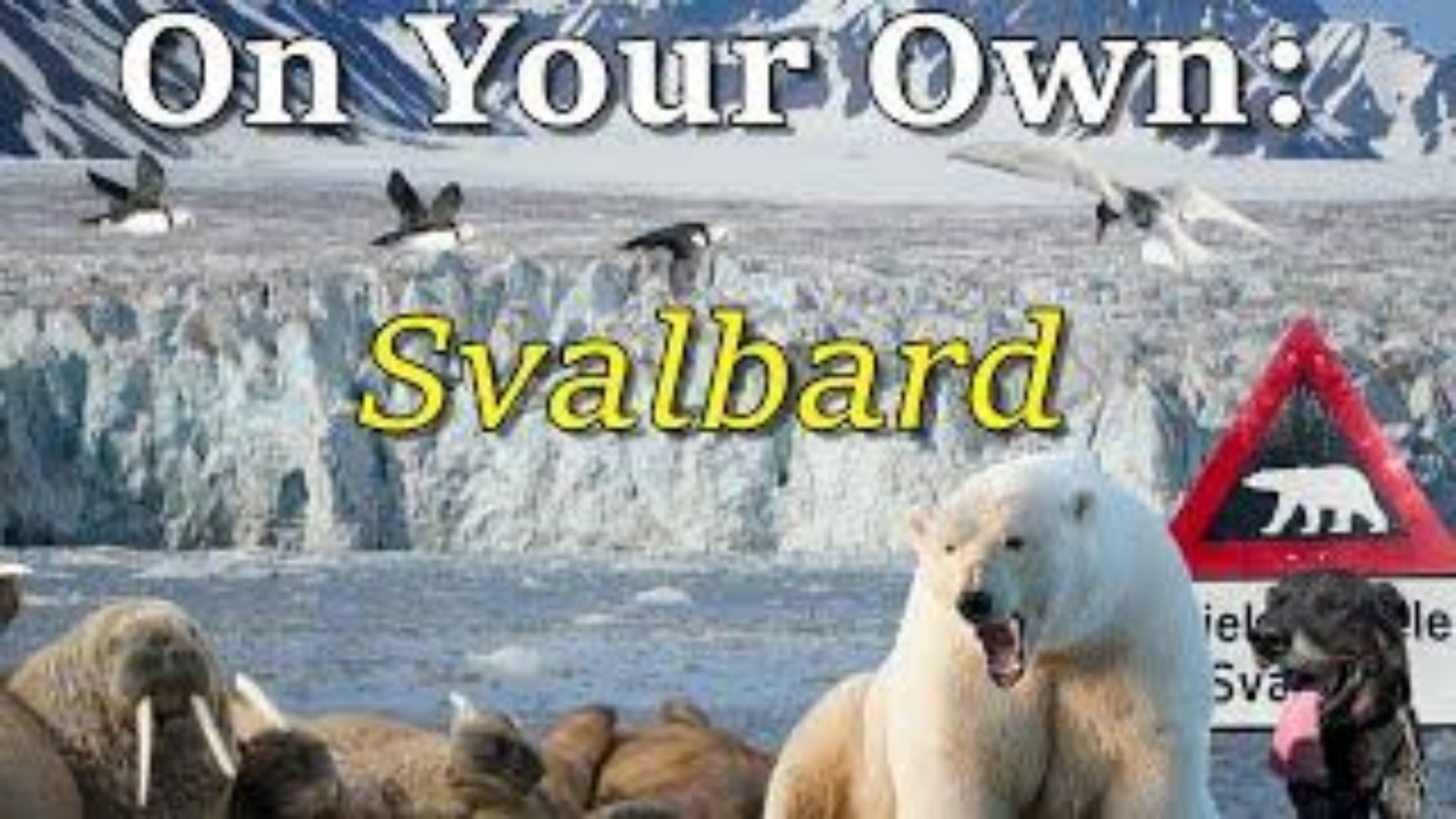
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On Your Own:

Svalbard



ARCTIC EXPEDITIONS



Youtube

<https://youtu.be/Ft5774ufVvc?si=IAJCKYvv6r6vkzuj>

Svalbard