

NORTHERNSHIELD

RESOURCES INC.

September 2019

A photograph of a white lighthouse with a red lantern room, situated on a rocky island. The lighthouse is illuminated from within, and the sky behind it is a vibrant mix of orange, yellow, and pink, suggesting a sunset or sunrise. The foreground shows the dark, textured rocks of the island.

Corporate Presentation

FORWARD LOOKING STATEMENT

This document contains statements concerning the potential gold, silver and other mineralization at Shot Rock and Root & Cellar geological, geophysical, geochemical and geometrical analyses at Shot Rock and Root & Cellar and comparisons of the properties to known epithermal gold deposits, and other expectations, plans, goals, objectives, assumptions, information or statements about future events, conditions, results of operations or performance that may constitute forward-looking statements or information under applicable securities legislation. Such forward-looking statements or information are based on a number of assumptions which may prove to be incorrect, and such possible comparisons are provided for illustrative or analogical purposes only.

Although Northern Shield believes that the expectations reflected in such forward-looking statements or information are reasonable, undue reliance should not be placed on forward-looking statements because Northern Shield can give no assurance that such expectations will prove to be correct. Forward-looking statements or information are based on current expectations, estimates and projections that involve a number of risks and uncertainties which could cause actual results to differ materially from those anticipated by Northern Shield and described in the forward-looking statements or information. These risks and uncertainties include but are not limited to geological, geophysical, geochemical and geometrical interpretation, the ability of Northern Shield to obtain equipment, supplies and qualified personnel necessary to carry on its exploration and operations, the general risks and uncertainties involved in mineral exploration and those other risks and uncertainties set forth in Northern Shield's management's discussion and analysis filed on SEDAR at www.sedar.com under its profile.

The forward-looking statements or information contained in this document are made as of the date hereof and Northern Shield undertakes no obligation to update publicly or revise any forward-looking statements or information, whether as a result of new information, future events or otherwise, unless so required by applicable securities laws.



INTRODUCTION



Although better known for its model-driven expertise and innovation in grass-roots Ni-Cu-PGE exploration, Northern Shield is using its model-driven exploration approach of large-scale targets to become an industry leader on epithermal gold and related deposits in Atlantic Canada



SHOT ROCK PROPERTY



SHOT ROCK LOCATION



SHOT ROCK
GOLD-SILVER
PROPERTY

Canada

Nova
Scotia

Toronto

NEW GLASGOW

ANTIGONISH

TRURO

London

HALIFAX

Gold Discovery

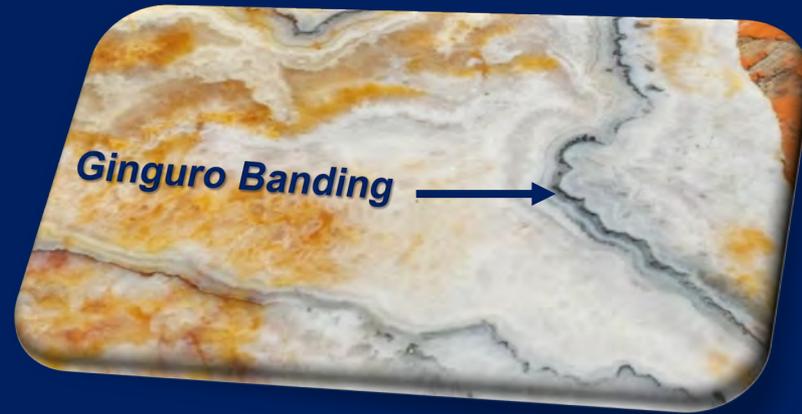
New York



SHOT ROCK DISCOVERY



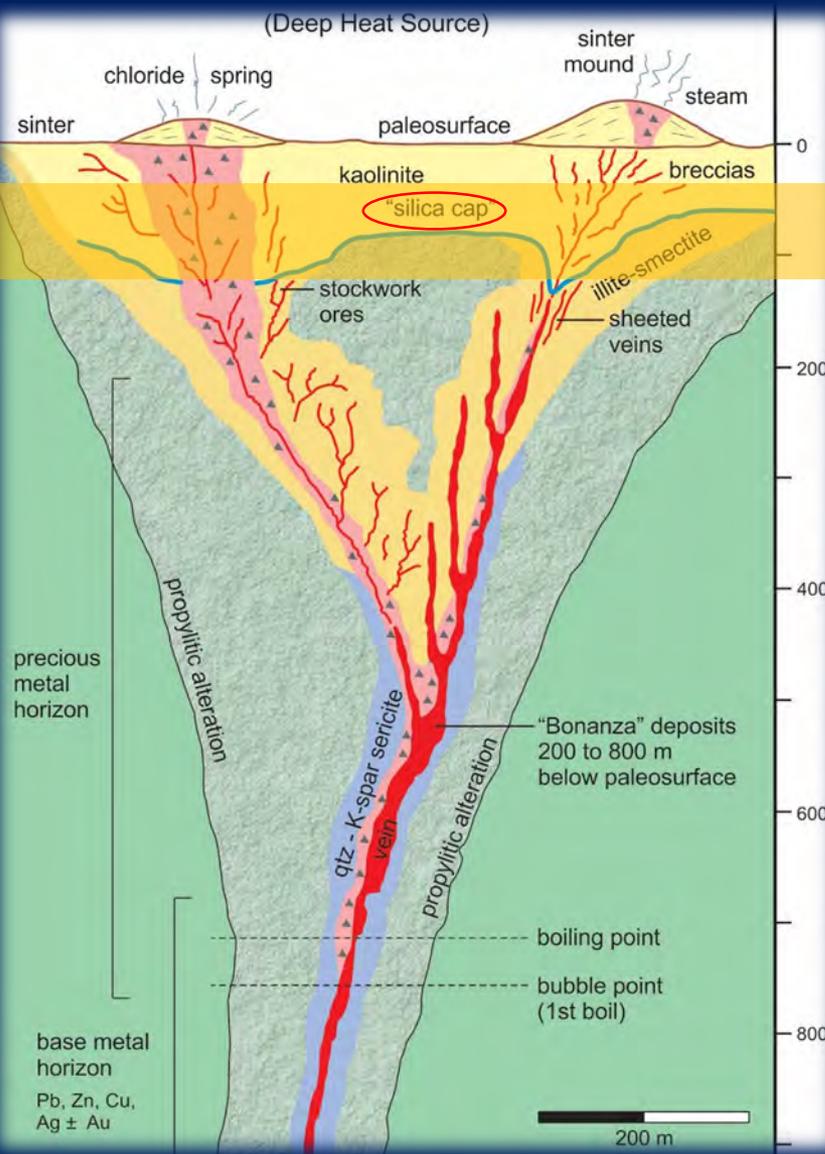
- In 2018 Northern Shield discovered a low sulphidation epithermal gold system at the Shot Rock property in Nova Scotia.
- This is the first known occurrence of epithermal gold in the Province.



- The discovery is within 1,000m of the Trans-Canada Highway, a railway and power grid.



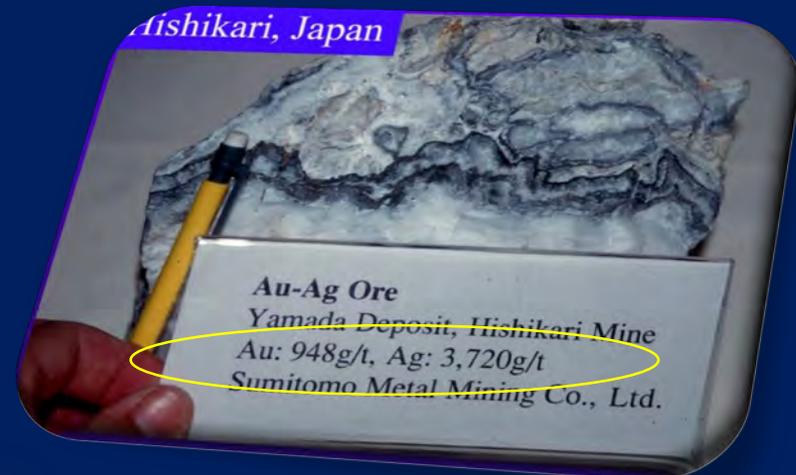
LOW SULPHIDATION EPITHERMAL SYSTEMS



- Low sulphidation, epithermal gold systems are highly prized for their potential to host “bonanza” grades of gold and silver

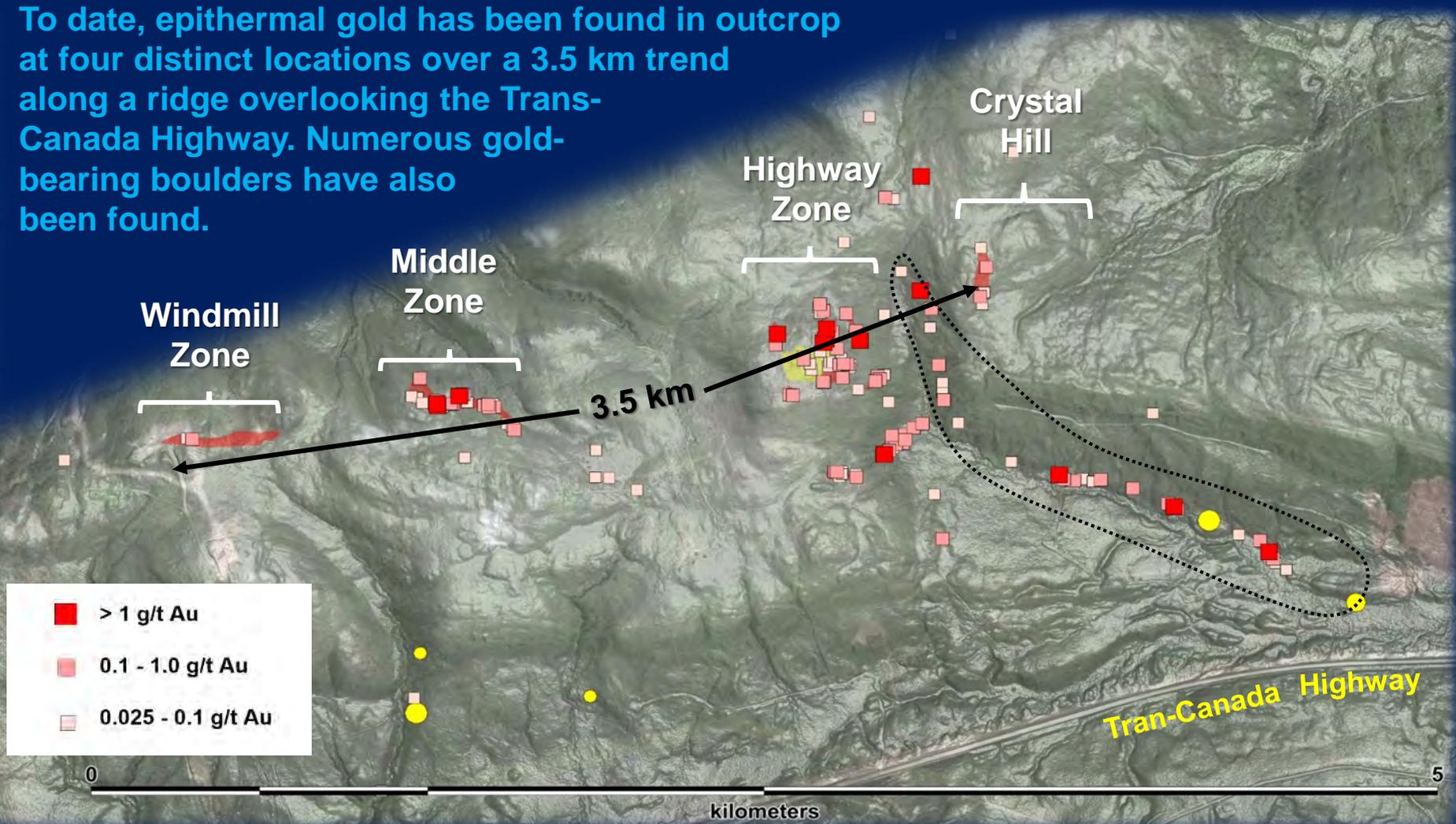
Shot Rock Erosional Level

- However, these systems exhibit strong vertical zonation of mineralization such that high gold and silver grades are only expected below the boiling cap/silica cap
- The erosional level of Shot Rock is generally very high, at or above the boiling cap



SHOT ROCK SUMMARY

To date, epithermal gold has been found in outcrop at four distinct locations over a 3.5 km trend along a ridge overlooking the Trans-Canada Highway. Numerous gold-bearing boulders have also been found.

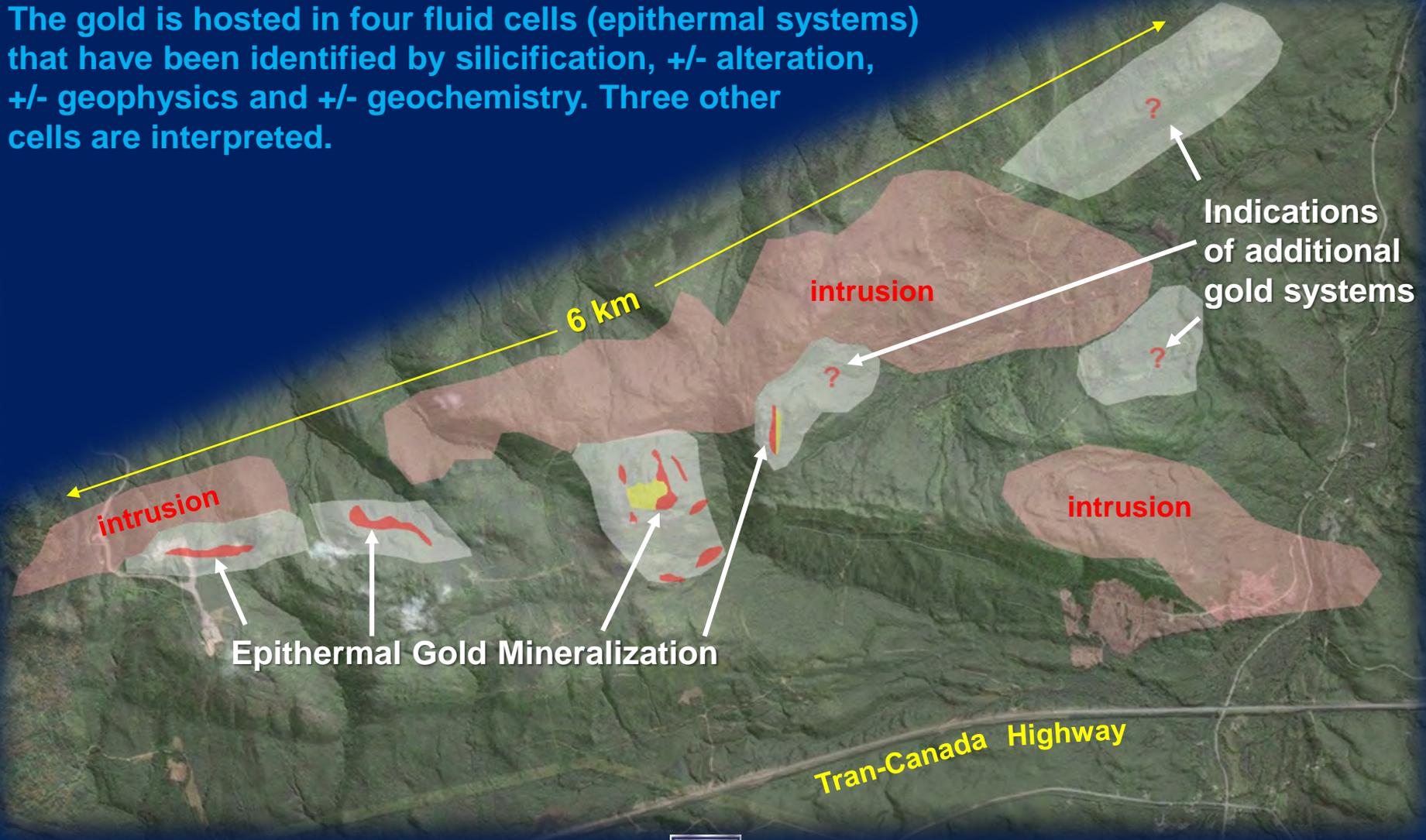


© 2019 Microsoft Corporation © 2019 DigitalGlobe © CNES (2019) Distribut

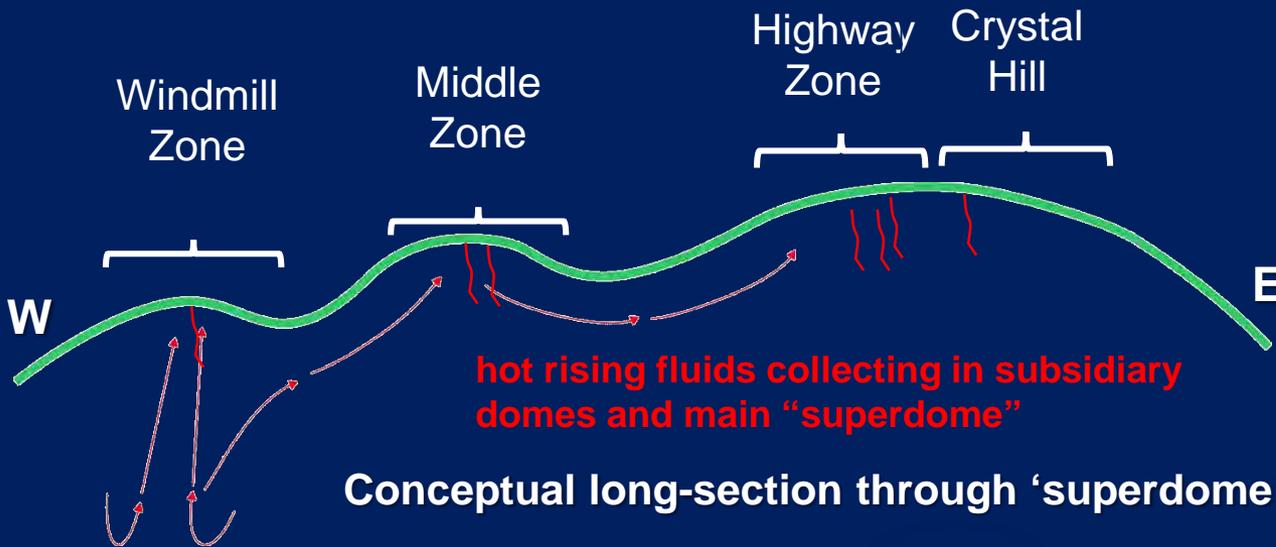
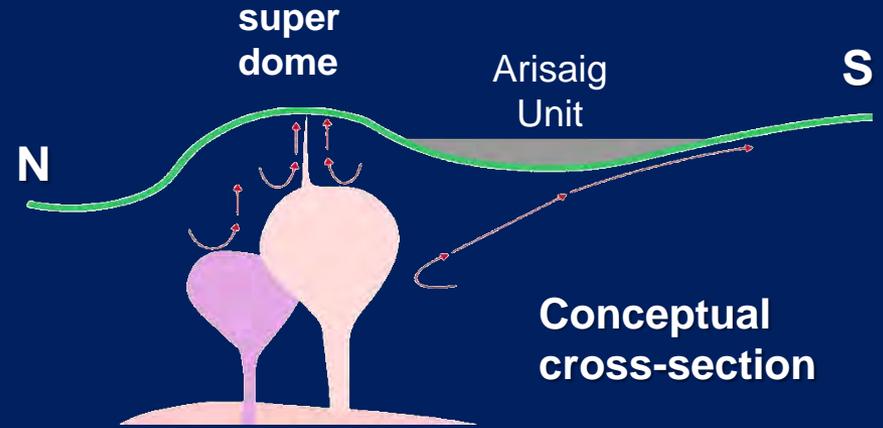
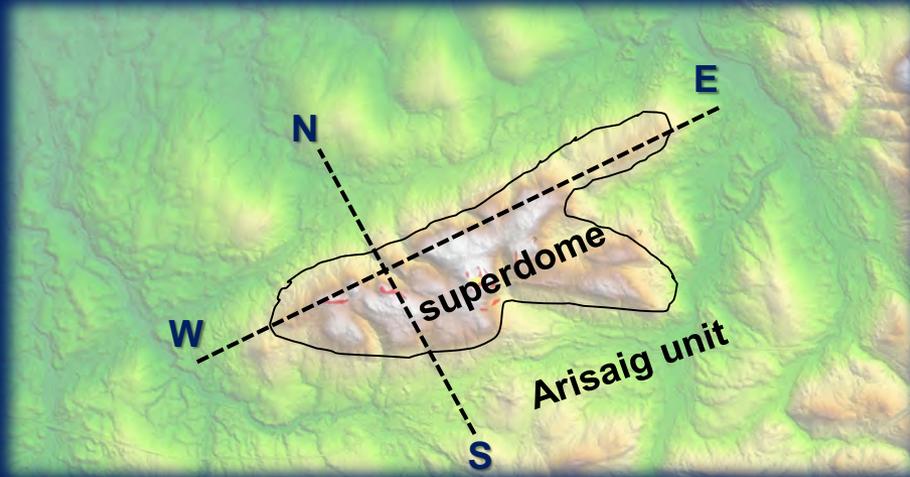


SHOT ROCK SUMMARY

The gold is hosted in four fluid cells (epithermal systems) that have been identified by silicification, +/- alteration, +/- geophysics and +/- geochemistry. Three other cells are interpreted.



PIEDMONT "SUPERDOME"



- A developing interpretation suggests the underlying intrusion could have created a large elongated dome structure.
- Domes can greatly focus the flow of fluids and create cracks in which the fluids can migrate. The Hishikari deposit in Japan is an example of such.



MIDDLE ZONE



Sheeted and Stockwork Quartz
Chalcedony Veins from Middle Zone

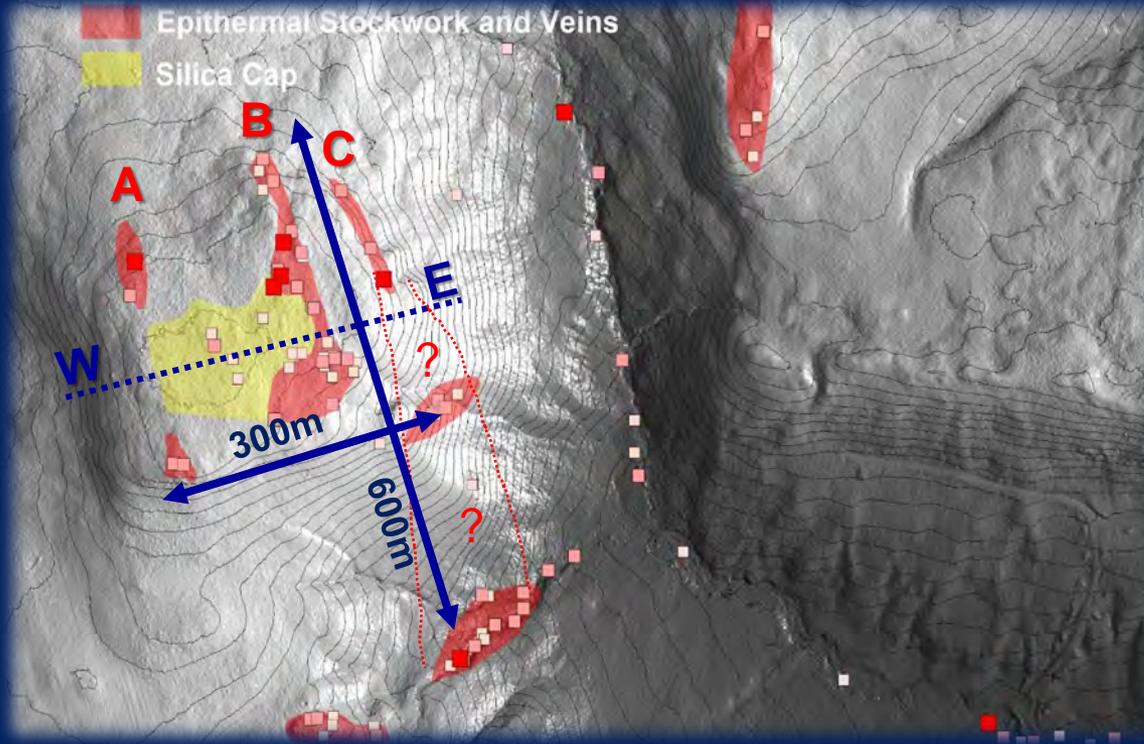
- 400 m E-W strike-length
- Mostly consisting of sheeted and stock work quartz/chalcedony veins and breccias



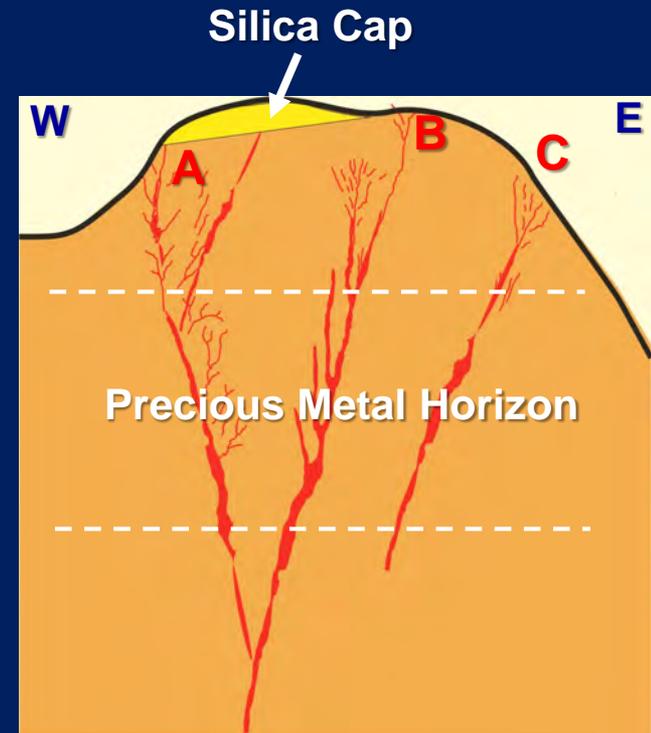
- Highest gold grades to date from Shot Rock



HIGHWAY ZONE



- Mineralized area measuring 600m x 300m
- Consisting of stockwork quartz/chalcedony veins and lesser large banded crustiform/colloform veins.
- Recent identification of a silica cap is critical in understanding the overall model and exposure level of the system.



Conceptualized epithermal model applied to Highway Zone

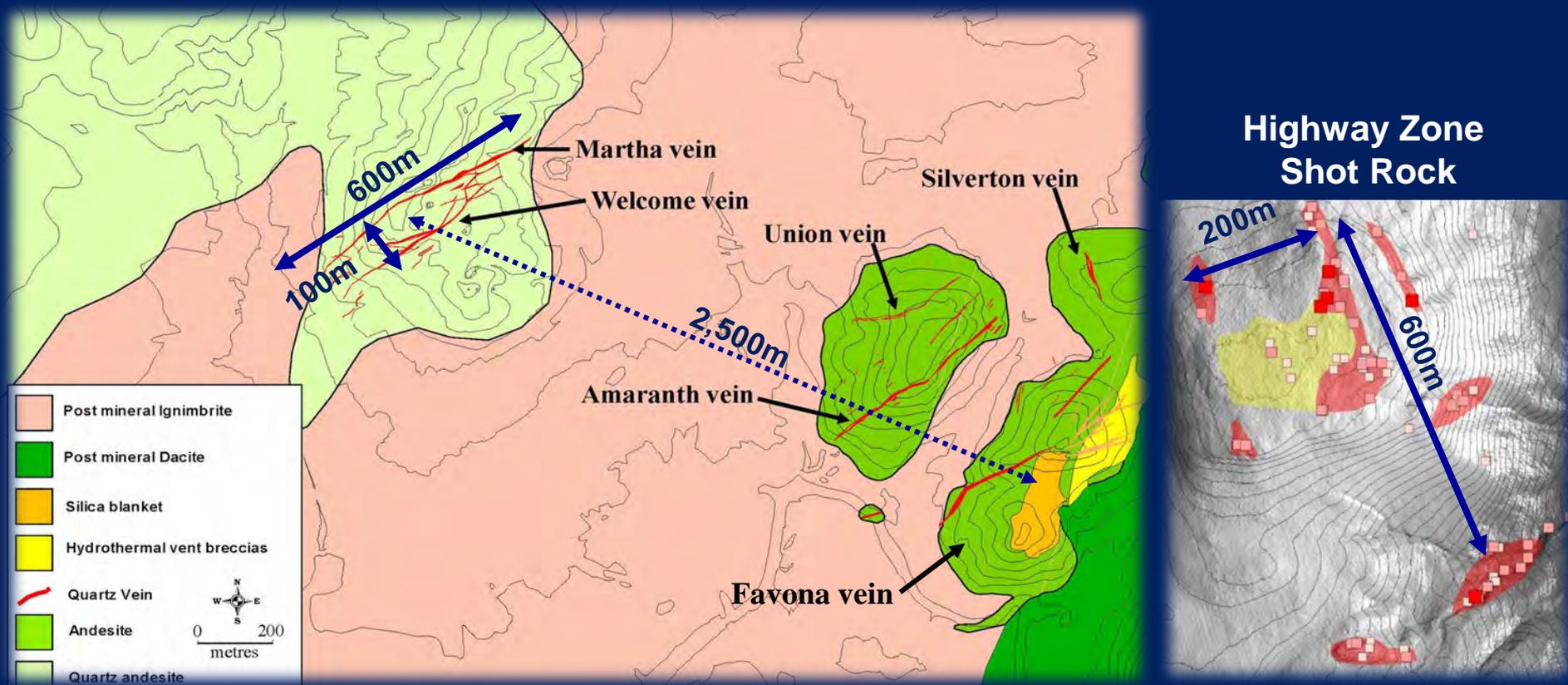
HIGHWAY ZONE



View from Middle Zone



MARTHA MINE SCALE COMPARISON



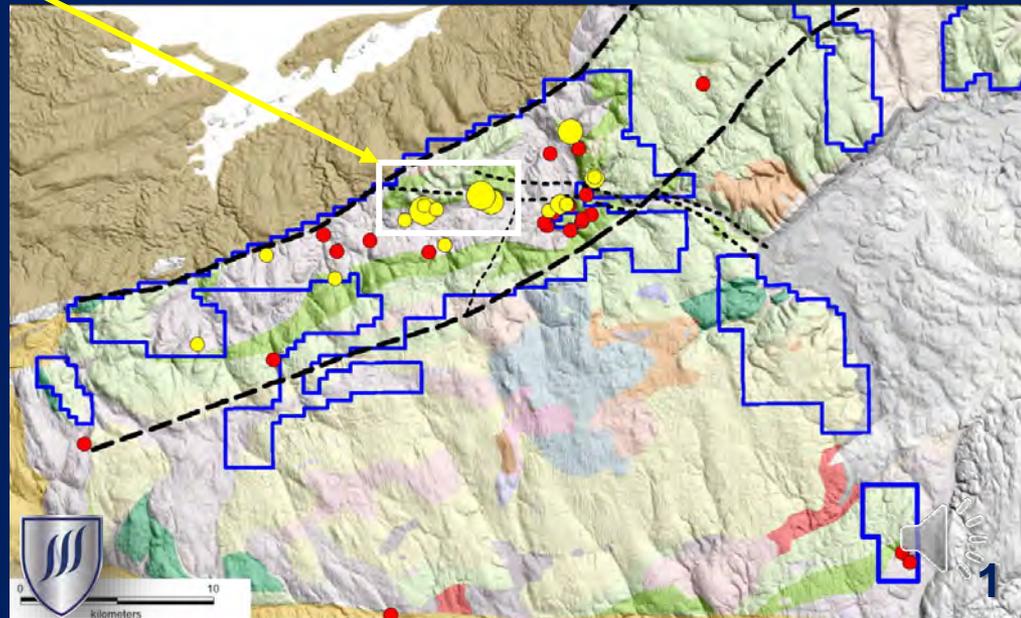
The Martha Mine in New Zealand is an epithermal system that has produced over 8M ounces of gold and 40M ounces of silver. The map above provides a useful understanding of the scale of a known epithermal deposit in comparison to Shot Rock.

SHOT ROCK CONCLUSION



1. Northern Shield has recently discovered of epithermal style gold bearing quartz veins at Shot Rock in Nova Scotia.
2. The sheeted and stockwork vein system is of considerable areal extent.
3. Evidence, including preserved silica-cap/sinter, indicates the exposure level is very shallow.

4. Drilling we determine if the sheeted veins transition into a multi-metre vein system at depth below the silica cap.
5. Stream sediment samples and other data strongly suggest district scale gold potential.



SHOT ROCK CONCLUSION

“Low sulphidation systems are highly prized for their potential to host ‘bonanza’ grades of gold and silver. Northern Shield has discovered one with considerable areal extent.



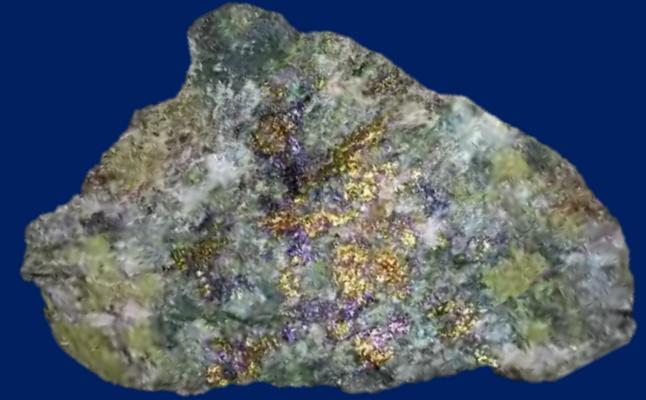
Those opportunities do not arise very often, especially within sight of the Trans-Canada Highway.”



ROOT & CELLAR



ROOT & CELLAR

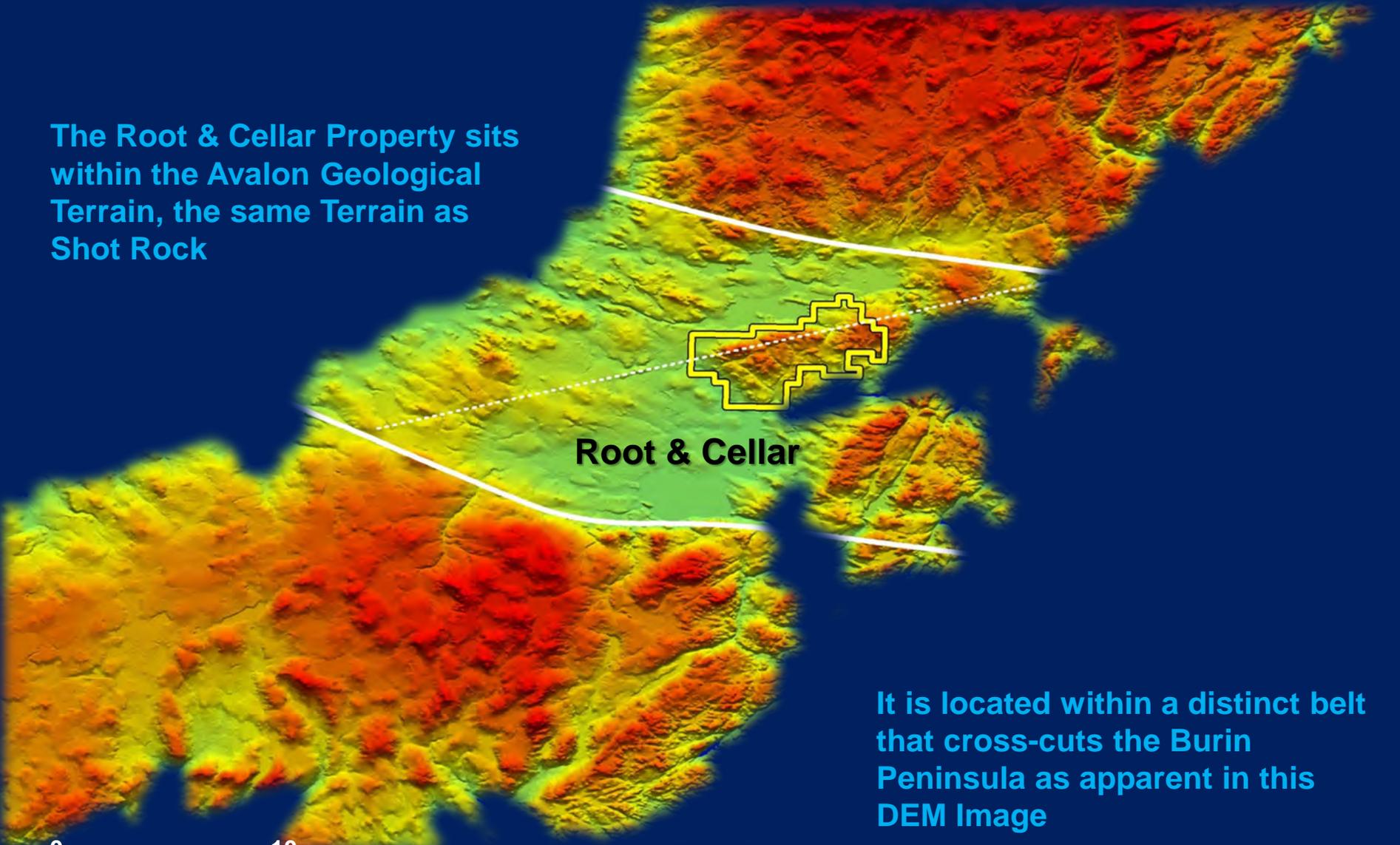


- Northern Shield can earn a 100% interest in the Root & Cellar Property.
- The Property is located on the Burin Peninsula, in Newfoundland, a 3 hour drive from St. John's.
- Root & Cellar hosts several recently discovered, high grade epithermal gold occurrences.
- The Property also hosts several copper discoveries with grades up to 10.4% copper



PROPERTY LOCATION

The Root & Cellar Property sits within the Avalon Geological Terrain, the same Terrain as Shot Rock



Root & Cellar

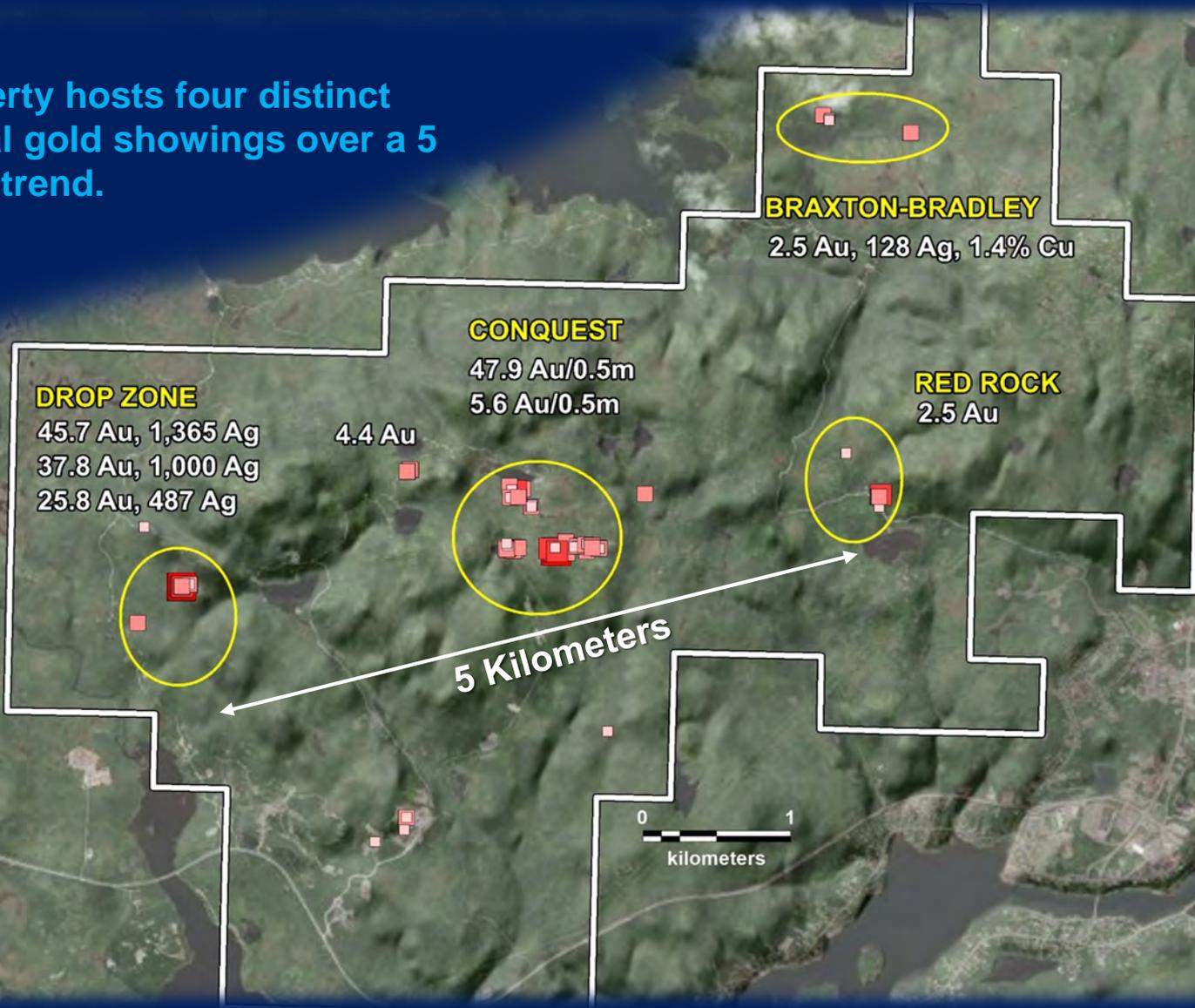
It is located within a distinct belt that cross-cuts the Burin Peninsula as apparent in this DEM Image

0 kilometre 10

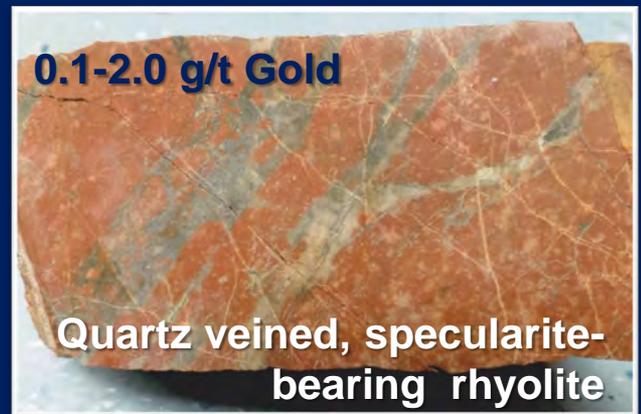
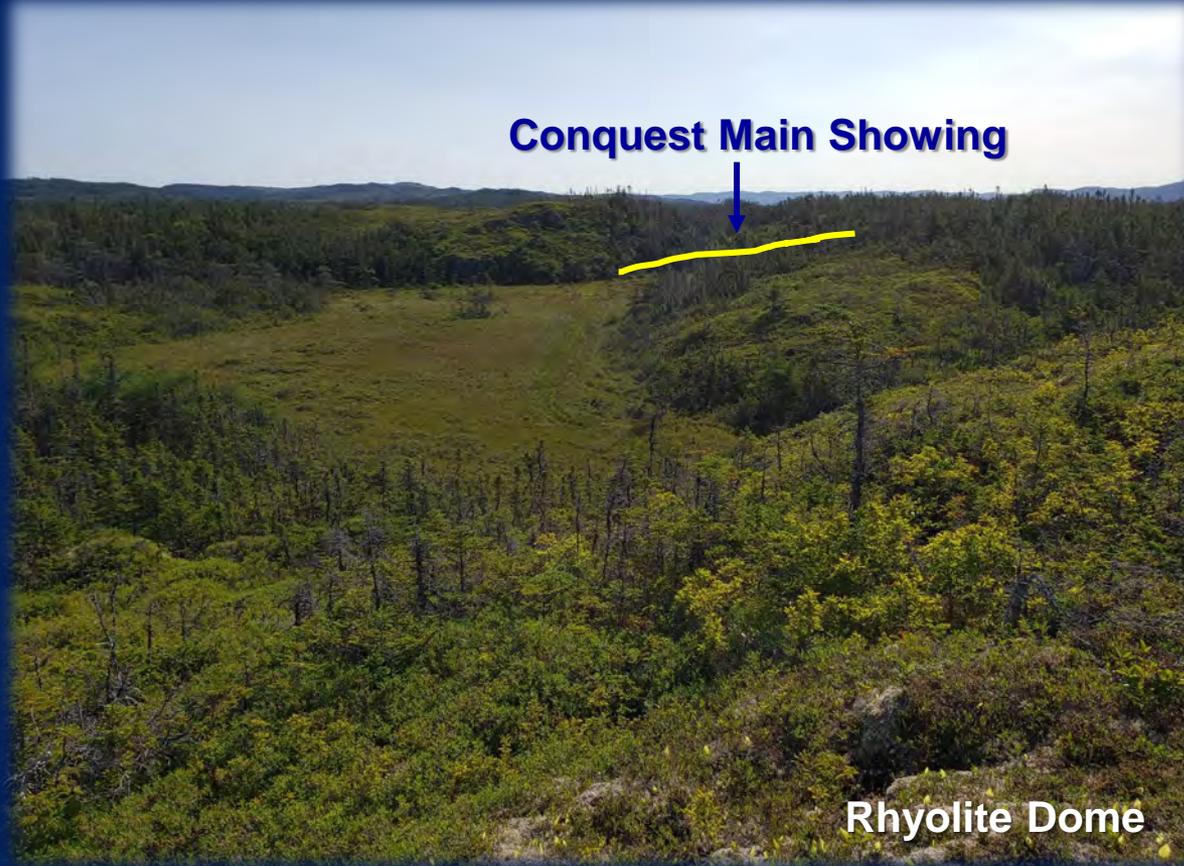


ROOT & CELLAR

The Property hosts four distinct epithermal gold showings over a 5 kilometer trend.



CONQUEST ZONE



- The Conquest Zone is remarkable not only for its high grades, but the extensive areas of low to moderate gold grade, particularly in the rhyolite domes.
- The rhyolite domes appear to cap the high grade gold occurrences that are hosted in intensely altered basalts.

DROP ZONE



- High grade gold and silver (up to 45 g/t Gold and 1,365 g/t Silver) has been sampled from a small exposure at the western end of the 5 km gold trend at Root & Cellar.



- ◀ A float sample recently collected from 100 meters south of the Drop Zone contains considerable “Ginguro-type” mineralization including silver telluride.

Pyrite dusted with hessite (silver telluride)

EXPLORATION PLANS



SHOT ROCK (4TH QUARTER, 2019)

- Channel Sampling of Highway Zone
- Continued Prospecting of Crystal Hill and other interpreted fluid cells
- Drill test down-dip extension of Middle Zone and Highway Zone in a 2,000 meter diamond drill program



ROOT & CELLAR (4TH QUARTER, 2019)

- Trenching of known occurrences and soil sample anomalies
- High resolution airborne magnetics



ROOT & CELLAR (1ST QUARTER, 2020)

- 2,000 meter diamond drill program



GRAND PABOS (4TH QUARTER, 2019)

- Auger sampling of known gold-bearing overburden

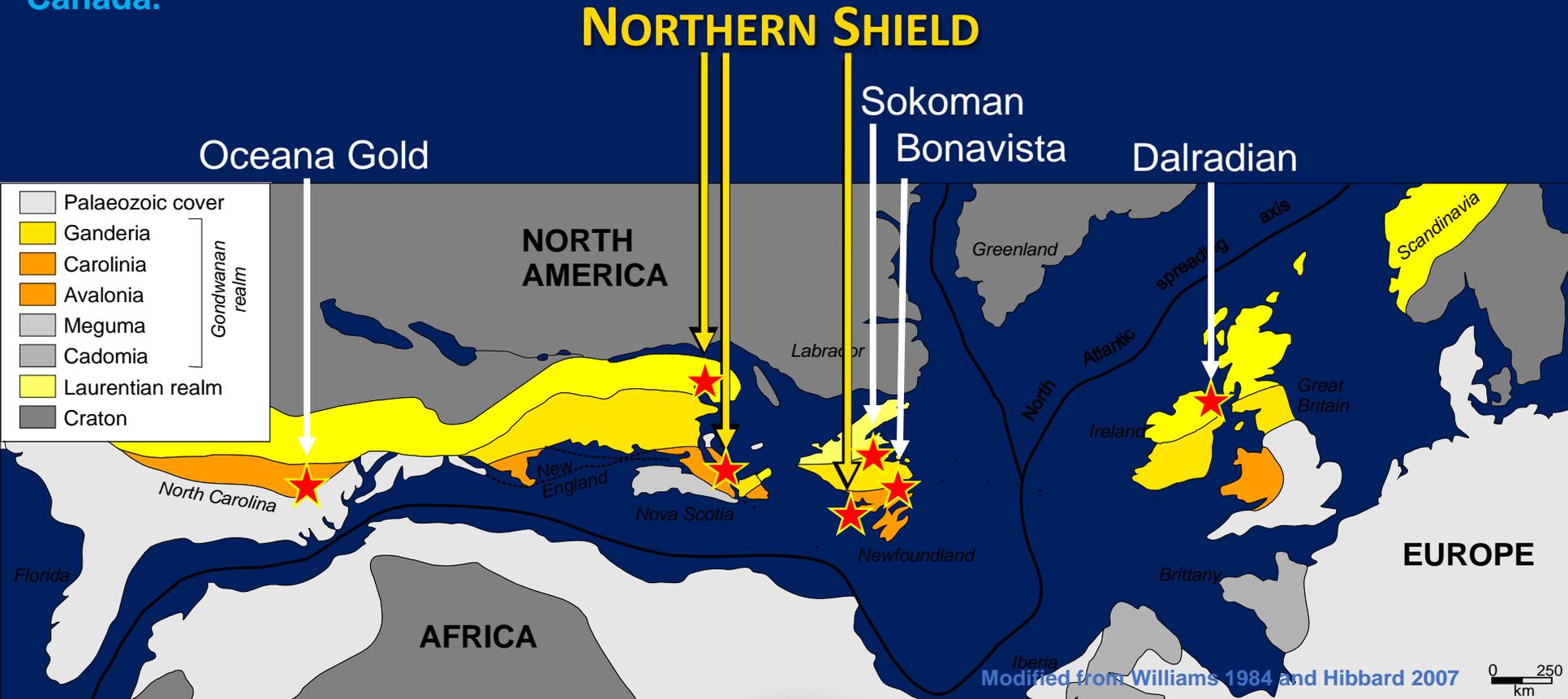
ESTCOURT STATION (4TH QUARTER, 2019)

- Prospecting



UNDER EXPLORED GOLD BELT

Northern Shield's properties sit in a belt of rocks that stretches from the Carolinas, through Gaspésie, Nova Scotia, Newfoundland, Ireland and into Scotland. Recent success along this belt highlight its potential to host significant gold deposits. Northern Shield is using its expertise and innovative approaches with respect to model-driven exploration of large-scale projects to become an industry leader on epithermal gold and related deposits in Atlantic Canada.



CORPORATE



CAPITAL STRUCTURE

Common Shares O/S	220.8M
Fully Diluted	243M
Stock Price	C\$0.07
Market Capitalization	C\$16M
Treasury	C\$0.20M
Debt	Nil

MANAGEMENT

Ian Bliss

CEO/President/Director

Samuel Legg

CFO

Christine Vaillancourt

Chief Geologist

M.Sc., P. Geo., FGC

(Fellow of Geoscientists Canada)



DIRECTORS

Russ Richards
(Chairman)

Private wealth manager in Atlanta, Georgia; previously investment banker in Atlanta, London and Lagos.

Ian Bliss

After studying geology at the University of New Brunswick, Mr Bliss subsequently founded Northern Shield in 2000. It was under his guidance that Northern Shield became known around the world as a leader in grass roots exploration for PGEs. Prior to starting Northern Shield, Mr. Bliss led exploration projects in Greenland for 6 years and later in Norway. In Greenland, Mr. Bliss worked in some of the most remote and rugged terrain using a model driven approach to efficiently explore large tracts of land despite short seasons.

Don Bubar

Don Bubar is a professional geoscientist with 40 years experience. Mr. Bubar grew up in Truro, Nova Scotia then went on to complete his B.Sc. in Geology at McGill and then an M.Sc. (Applied Min.Ex.) at Queen's University. Since 1995, Mr. Bubar has been President and CEO of Avalon Advanced Materials Inc. which is advancing the East Kemptville tin-indium project in southwestern Nova Scotia.

Marcus Archer

Partner with Norton Rose Fulbright LLP in Calgary, 20 years experience in corporate law with focus on financings, mergers, corporate governance and regulatory compliance.

Dr. Scott
Jobin-Bevans

Past President of PDAC; founder and director of CCIC, a Canadian-South African geological consultant group with a strong background in PGE exploration.



A Unique Opportunity...

NORTHERN SHIELD RESOURCES INC.
55 Metcalfe Street
Suite 500
Ottawa, ON Canada K1P 6L5

Ian Bliss, President & CEO
+1.613.232.0459 x 1001
www.northern-shield.com
info@northern-shield.com



“Northern Shield represents **A Unique Opportunity** to be involved early in the advancement of a new discovery in a developing and under-explored gold district.”



TSX-V: NRN