



ATLIN GOLDFIELDS PROJECT

Northwest British Columbia, Canada

AUGUST 2023

BBBXF. OTCQB
BBB. TSX-V
8BX1. GR



SAFE HARBOUR STATEMENT



Information set forth in this presentation involves forward-looking statements, including but not limited to comments regarding planned drilling and other exploration, identification of new targets, seeking a joint venture partner at Atlin Goldfields Project, and timelines, predictions and projections. Forward-looking statements are statements that relate to future, not past, events. In this context, forward-looking statements often address expected future business and financial performance, and often contain words such as "anticipate", "believe", "plan", "estimate", "expect", and "intend", statements that an action or event "may", "might", "could", "should", or "will" be taken or occur, or other similar expressions. By their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the following risks: the need for additional financing; operational risks associated with mineral exploration; fluctuations in commodity prices; title matters; and the additional risks identified on the Company's website or other reports and filings with the TSX Venture Exchange and applicable Canadian securities regulators. Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. Forward-looking statements in this presentation are not guarantees or predictions of future performance. Forward-looking statements are made based on management's beliefs, estimates and opinions on the date that statements are made, and the Company undertakes no obligation to update forward-looking statements if these beliefs, estimates and opinions or other circumstances should change, except as required by applicable securities laws. Investors are cautioned against attributing undue certainty to forward-looking statements.

A qualified person has not done sufficient work to classify the historical estimates in this presentation as current mineral resources or mineral reserves and the Company is not treating such historical estimates as current mineral resources or mineral reserves.

Mr. Gary R. Thompson, P.Geo., Chairman, President and CEO of Brixton, is the QP who approved the scientific and technical information in this Presentation.



PROJECT LOCATION – NORTHWEST BRITISH COLUMBIA



ATLIN - Au

TSX-V: **BBB**

OROGENIC GOLD



**BRIXTON
METALS**

brixtonmetals.com

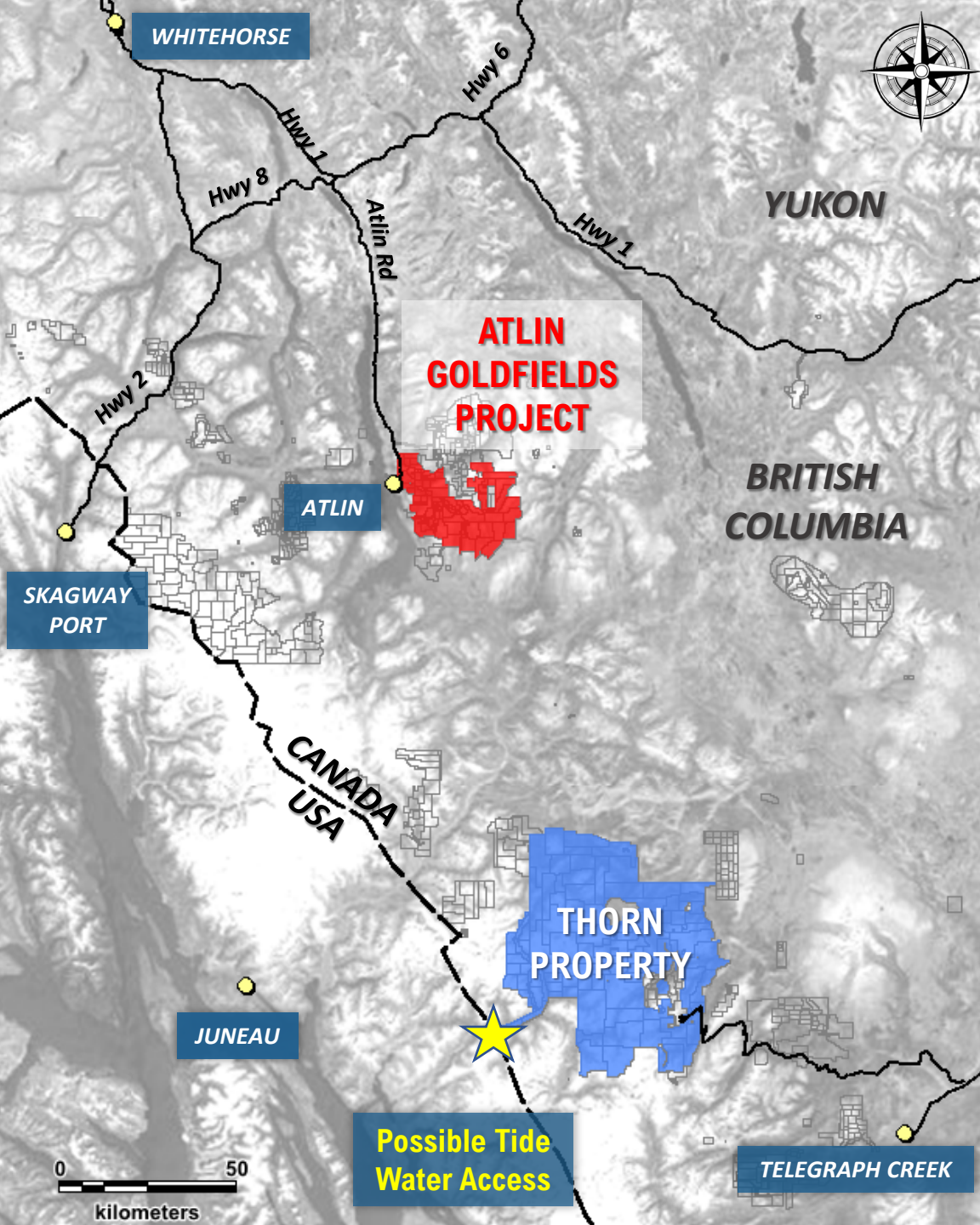
Available for Option/JV

**Exploring for the
source of Atlin's
prolific placer gold**

CANADA

**BRITISH
COLUMBIA**

USA



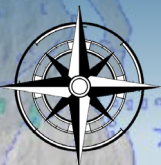
ATLIN PROJECT



-  **Beside the town of Atlin, BC**
 -  Airstrip
 -  Population 500
 -  Gravel roads accessing the majority of showings on the claims
-  **175 km SE of Whitehorse, Yukon**
 -  Daily flights from Vancouver, BC & Calgary, AB
 -  City has all amenities to service exploration
 -  Paved highway to Atlin
-  **249 km to Skagway**
 -  Port access
-  **Wholly-owned 579km² claim block**



ATLIN GOLDFIELDS PROJECT



175 km to Whitehorse
249 km to Skagway
Port access

STUHINI EXPLORATION

**GARIBALDI
RESOURCES**

ATLIN - Au

TSX-V: **BBB**

95.1 g/t Au over 32.84m



**BRIXTON
METALS**

brixtonmetals.com

- Seeking JV Partner**
- 100% Brixton Owned**
- Low to no NSR's**
- Permitted to drill**

Orogenic and intrusion-related hard-rock gold targets

Majority of drainages have generated placer gold

200 tpd Mine Permit

578.9 km² district-scale mineral tenure

Canada's largest gold nugget (85 oz) found at Spruce Creek

0

20

kilometers

OROGENIC GOLD in BRITISH COLUMBIA



Orogenic gold camps have produced over 10.2 Million oz Au in BC, with resources growing annually

CARIBOO/BARKERVILLE (Osisko)

- Historic production of **3Moz Au** from alluvium, and **1.2Moz Au** from lode.*
- Probable Reserve of **2.03Moz Au** (16.7Mt @ 3.78g/t Au)**
- Total M+I Resource of **1.57Moz Au** (14.68Mt @ 3.33g/t Au)**

BRALORNE (Talisker Resources)

- Historic production of **4.2Moz Au at 17.7 g/t**
- Indicated Resource of **0.033Moz Au** (0.117Mt @ 8.85 g/t)***
- Inferred Resource of **1.633Moz Au** (8.033Mt @ 6.32 g/t)
- Mineralization to 2km depth

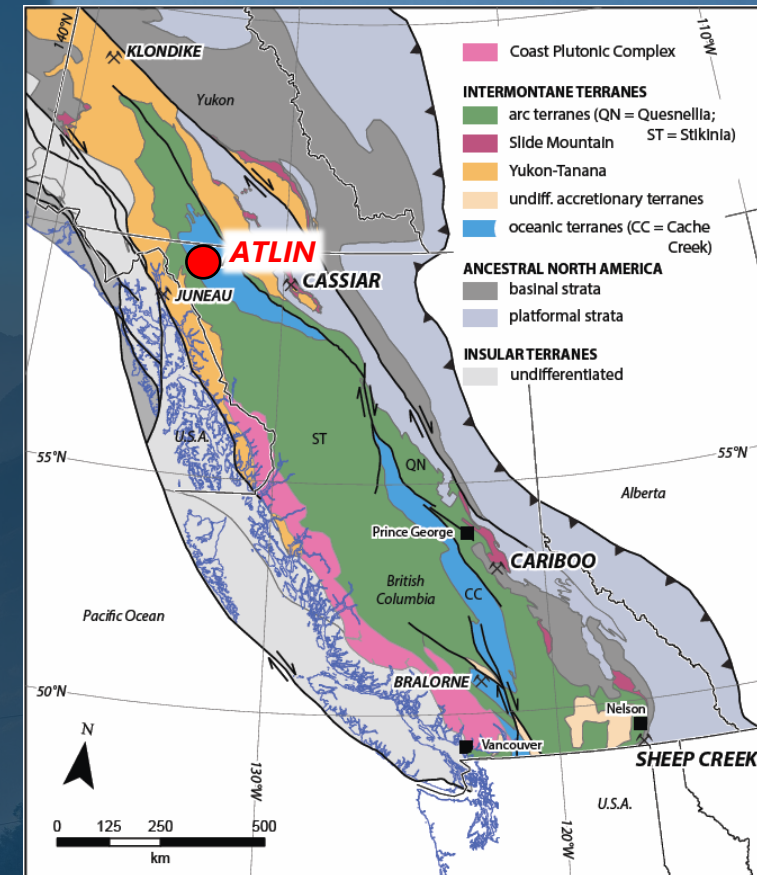
CASSIAR (Cassiar Gold)

- Historic production of **0.425Moz Au+**
- Inferred Resource of **1.39Moz Au** (37.9Mt @ 1.14g/t Au)

SHEEP CREEK (Cassiar Gold)

- Historic production of **0.742Moz Au at 14.7 g/t Au+**

Terrane map of significant orogenic gold deposits of BC and Yukon*



*Allan, M.M., Rhys, D.A. and Hart, C.J.R., 2017, Orogenic gold mineralization of the eastern Cordilleran gold belt, British Columbia: Structural ore controls in the Cariboo (093A/H), Cassiar (104P) and Sheep Creek (082F) mining districts: Geoscience BC Report 2017-15, 108 p.
+ <https://cassiargold.com/projects/cassiar-gold-project>

** <https://osiskodev.com/cariboo-gold-project/>

***<https://taliskerresources.com/projects/bralorne>

INTRUSION-RELATED GOLD in YUKON & ALASKA



TINTINA GOLD PROVINCE

DUBLIN GULCH/EAGLE GOLD (Victoria Gold)

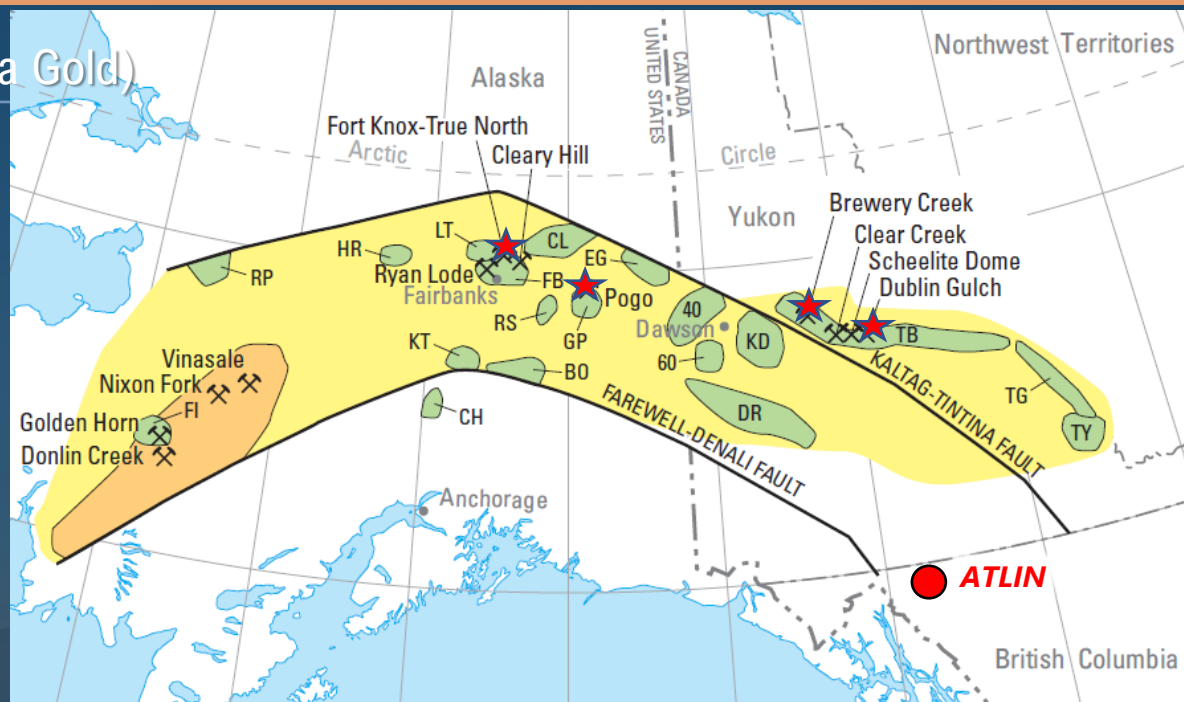
- Total M+I Resource of **4.4 Moz Au**
217.4Mt @ 0.63g/t Au*
- Inferred Resource of **0.36 Moz Au**
21.5Mt @ 0.52g/t Au

FORT KNOX (Kinross)

- Historic production of **7.5 Moz Au**
469 Mt @ 0.5 g/t Au**
- Total M+I Resource of **1.262 Moz Au**
117.4Mt @ 0.33 g/t
- Inferred Resource of **1.03 Moz Au**
101.6Mt @ 0.32 g/t

BREWERY CREEK (Golden Predator)

- Historic production of **0.28 Moz Au+**
- Indicated Resource of **0.789 Moz Au**
22.2Mt @ 1.11g/t Au
- Inferred Resource of **1.325 Moz Au**
47.3Mt @ 0.87g/t Au)



POGO (Northern Star Resources)

- Produced over **4 Moz Au** at 13.6 g/t Au***
- Indicated Resource of **3.95 Moz Au**
12.86Mt @ 9.5 g/t
- Inferred Resource of **2.95 Moz Au**
10.03Mt @ 9.1 g/t

*Victoria Gold: <https://vgcx.com/development/eagle-gold-project/>


***<https://www.nsrld.com/our-assets/pogo/>


Kinross https://s2.q4cdn.com/496390694/files/doc_downloads/2018/Fort-Knox-June-2018-Technical-Report.pdf
+https://www.goldenpredator.com/_resources/Brewery-Creek_NI-43-101-05OCT2020-File.pdf


ATLIN TERRANE

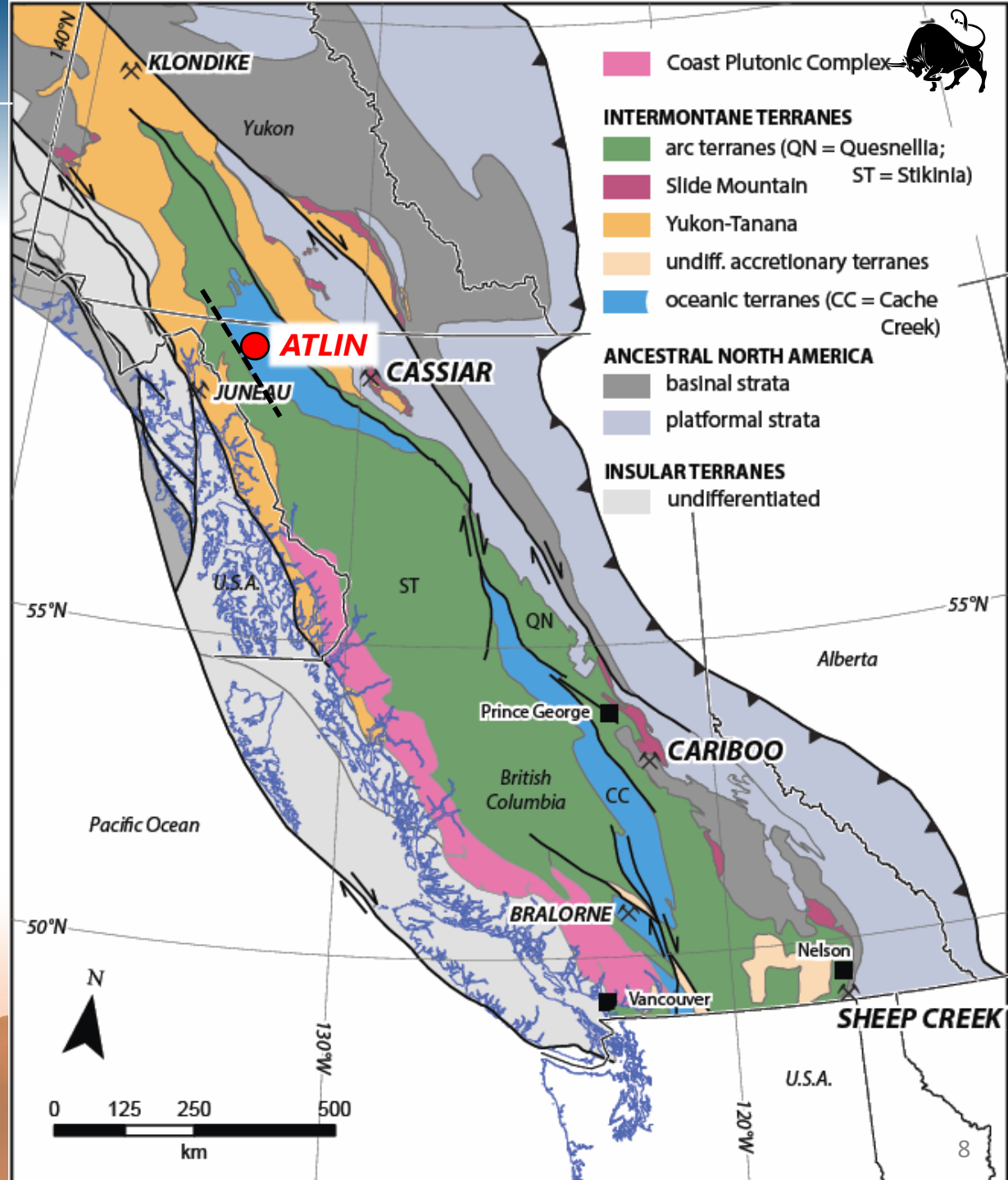
CACHE CREEK TERRANE (BLUE)

Imbricated fore-arc accretionary complex thrust over the Stikinia-Quesnelia, Yukon-Tanana Terranes, and rocks of the Whitehorse Trough during Early-Mid Jurassic.

 **Atlin Ophiolite Assemblage** dominated by flat-lying thrust slices of oceanic and upper mantle rocks.

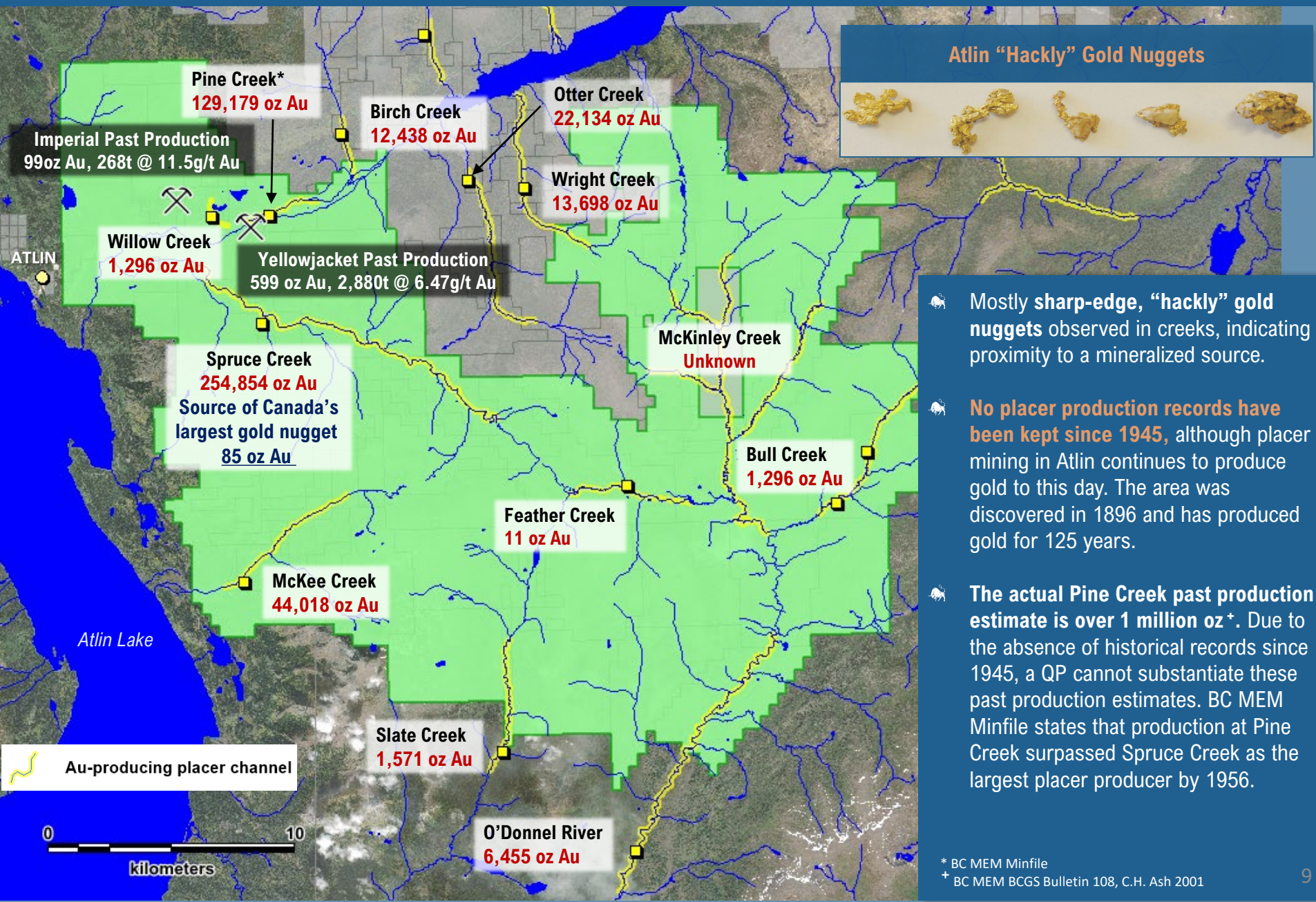
 **Atlin Accretionary Assemblage** structurally lower and younger; dominated by intercalated metapelitic sedimentary rocks and thick limestone successions.

 Atlin is located on the margin of a deep-seated structural boundary.

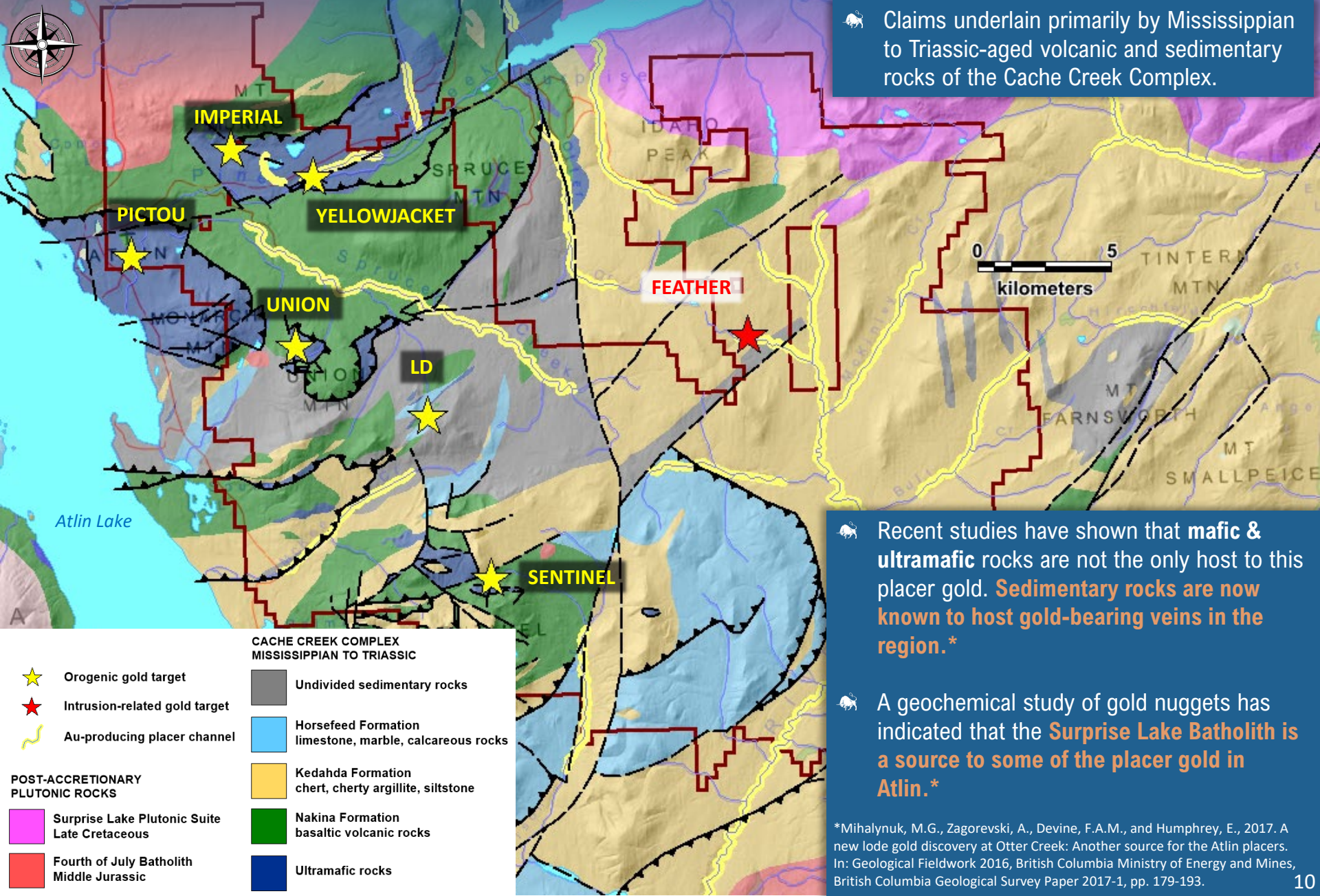


*Allan, M.M., Rhys, D.A. and Hart, C.J.R., 2017, Orogenic gold mineralization of the eastern Cordilleran gold belt, British Columbia: Structural ore controls in the Cariboo (093A/H), Cassiar (104P) and Sheep Creek (082F) mining districts: Geoscience BC Report 2017-15, 108 p.

ATLIN PLACER PRODUCTION



ATLIN GEOLOGY & TARGET AREAS



Claims underlain primarily by Mississippian to Triassic-aged volcanic and sedimentary rocks of the Cache Creek Complex.

Recent studies have shown that **mafic & ultramafic** rocks are not the only host to this placer gold. **Sedimentary rocks are now known to host gold-bearing veins in the region.***

A geochemical study of gold nuggets has indicated that the **Surprise Lake Batholith is a source to some of the placer gold in Atlin.***

*Mihalynuk, M.G., Zagorevski, A., Devine, F.A.M., and Humphrey, E., 2017. A new lode gold discovery at Otter Creek: Another source for the Atlin placers. In: Geological Fieldwork 2016, British Columbia Ministry of Energy and Mines, British Columbia Geological Survey Paper 2017-1, pp. 179-193.

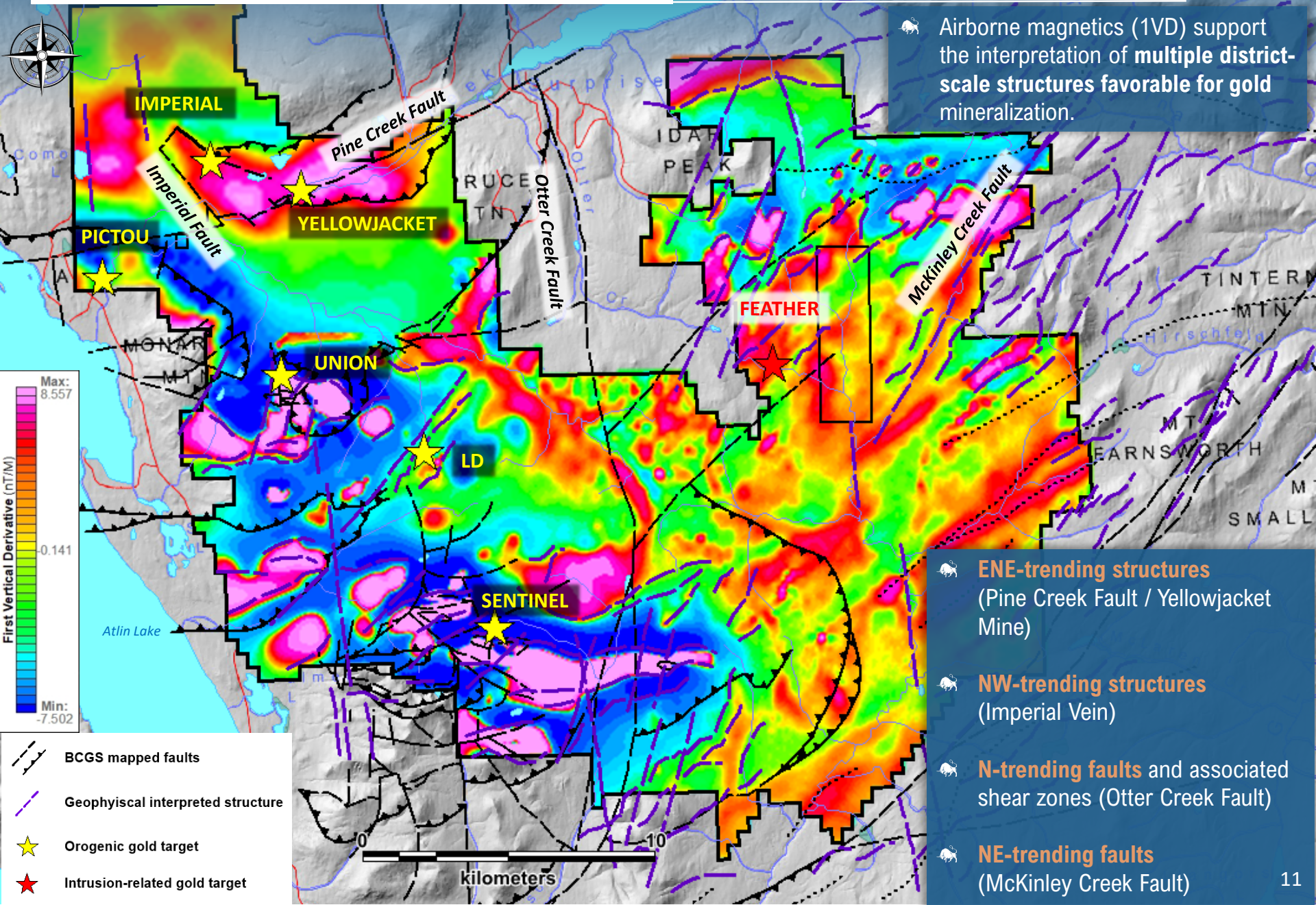
CACHE CREEK COMPLEX MISSISSIPPIAN TO TRIASSIC

- ★ Orogenic gold target
- ★ Intrusion-related gold target
- ~ Au-producing placer channel

- Undivided sedimentary rocks
- Horsefeed Formation limestone, marble, calcareous rocks
- Kedahda Formation chert, cherty argillite, siltstone
- Nakina Formation basaltic volcanic rocks
- Ultramafic rocks

POST-ACCRETIONARY PLUTONIC ROCKS

- Surprise Lake Plutonic Suite Late Cretaceous
- Fourth of July Batholith Middle Jurassic



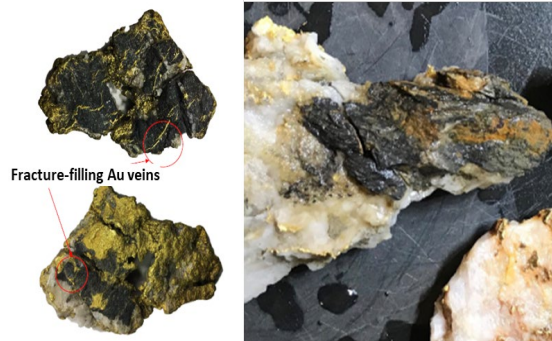
Airborne magnetics (1VD) support the interpretation of **multiple district-scale structures** favorable for gold mineralization.



OROGENIC, SHEAR-HOSTED GOLD

Free visible gold **hosted in quartz-carbonate veins** along **shear zones**. Silica-carbonate (listwanite) related gold mineralization is also associated with alteration of serpentinized mafic and ultramafic rocks.

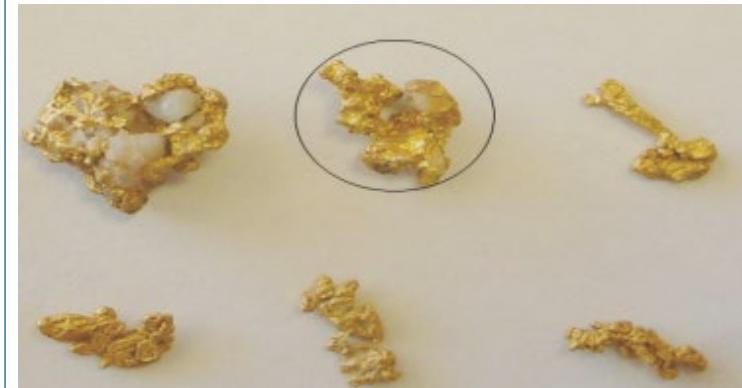
Quartz-carbonate veins, stockwork and breccias are **hosted in cherty-argillite-to-phyllite metasedimentary rocks**. Gold mineralization occurs proximal to shear zones and lithological contacts.



Sediment-hosted gold-bearing vein collected from the bottom of placer pit, 2018.

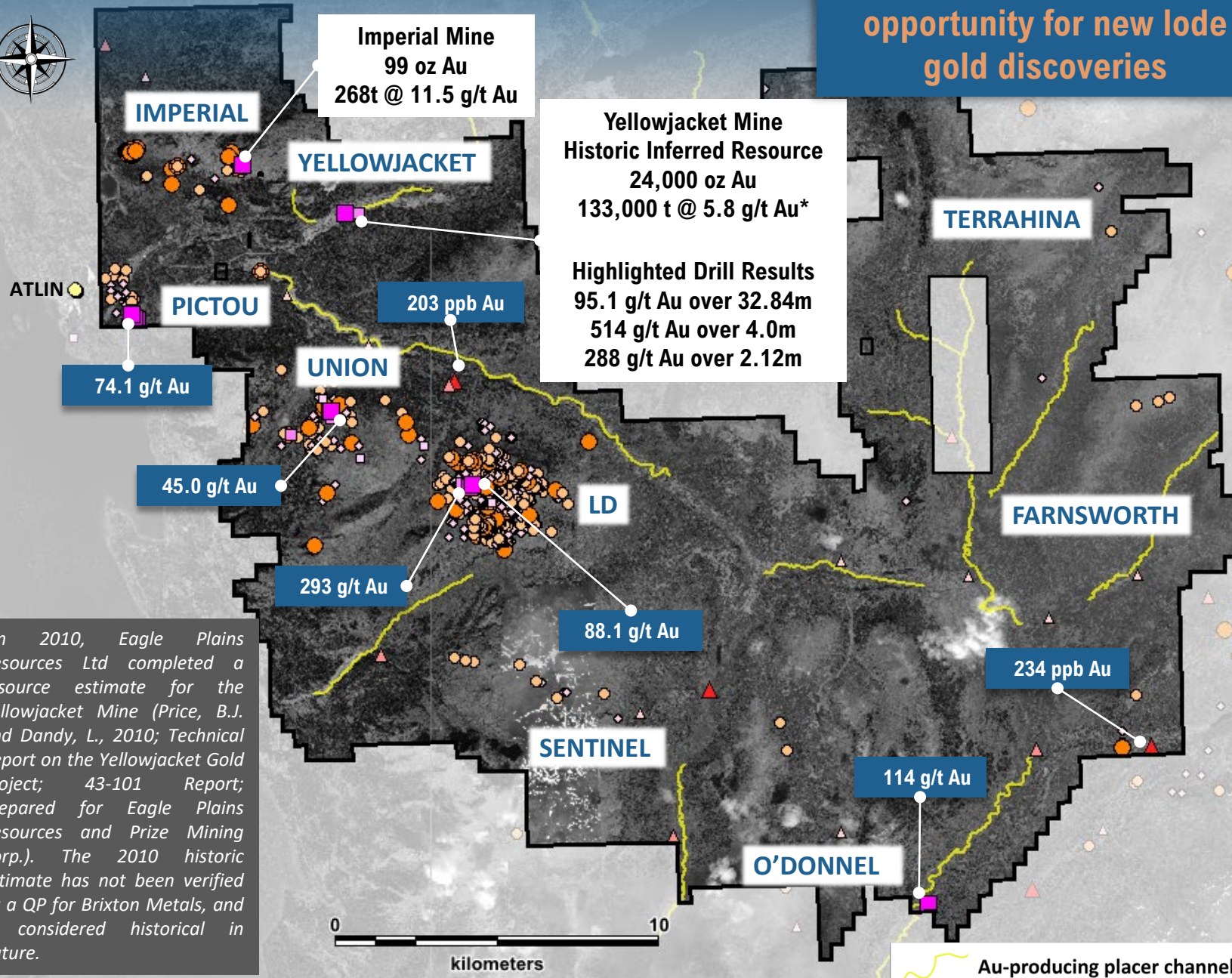
INTRUSION-RELATED GOLD

Sharp-edged “hackly” gold nuggets intergrown with cassiterite (SnO_2) and thorite (ThSiO_4) were collected from placer producing streams (i.e. Feather Creek), proximal to the Late Cretaceous (84 Ma) Surprise Lake Batholith.



ATLIN GOLDFIELDS PROJECT

Large underexplored property with the opportunity for new lode gold discoveries



**Au (ppm)
ROCK**

- >5
- 1 to 5
- 0.5 to 1

**Au (ppb)
SOIL**

- >100
- 25 to 100
- 15 to 25

**Au (ppb)
STREAM**

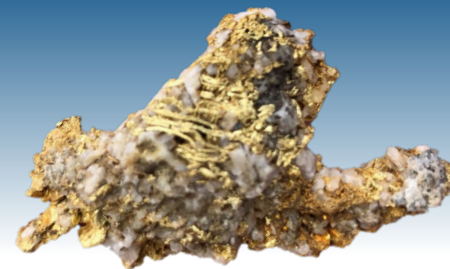
- ▲ >25
- ▲ 10 to 25
- ▲ 5 to 10

*In 2010, Eagle Plains Resources Ltd completed a resource estimate for the Yellowjacket Mine (Price, B.J. and Dandy, L., 2010; Technical Report on the Yellowjacket Gold Project; 43-101 Report; prepared for Eagle Plains Resources and Prize Mining Corp.). The 2010 historic estimate has not been verified by a QP for Brixton Metals, and is considered historical in nature.

YELLOWJACKET MINE



**Permitted 200 ton/day mine,
currently in care & maintenance.
Maximum processing capacity of
75,000 t/year.**



• **Historic Inferred Resource Estimate**
completed in 2010: 133,000 tonnes @ 5.8 g/t Au, **24,000 oz Au** (1.5 g/t Au cut-off)*

- Report notes that higher gold grades are at depth and require U/G mining
- 1,700m of drilling completed since the resource estimate

• **Total Drilling of 26,300 m** distributed as follows:

- 149 DD holes totaling 19,365m
- 160 RC holes totaling 6,935m
- 36 Channels totaling 1,440m (40m/channel).

• **Gold recovery through simple gravity circuit** (cyanide-free, no chemicals required).

• **Engaged with and building a respectful relationship with the Taku River Tlingit First Nations.**

**599 oz Au recovered
from a 2,880 tonne
bulk sample in 2008,
grading 6.5 g/t Au**

**Eagle Plains Resources Ltd.
& Prize Mining Corp.
produced approximately
1,000 oz Au from 2007-2010**

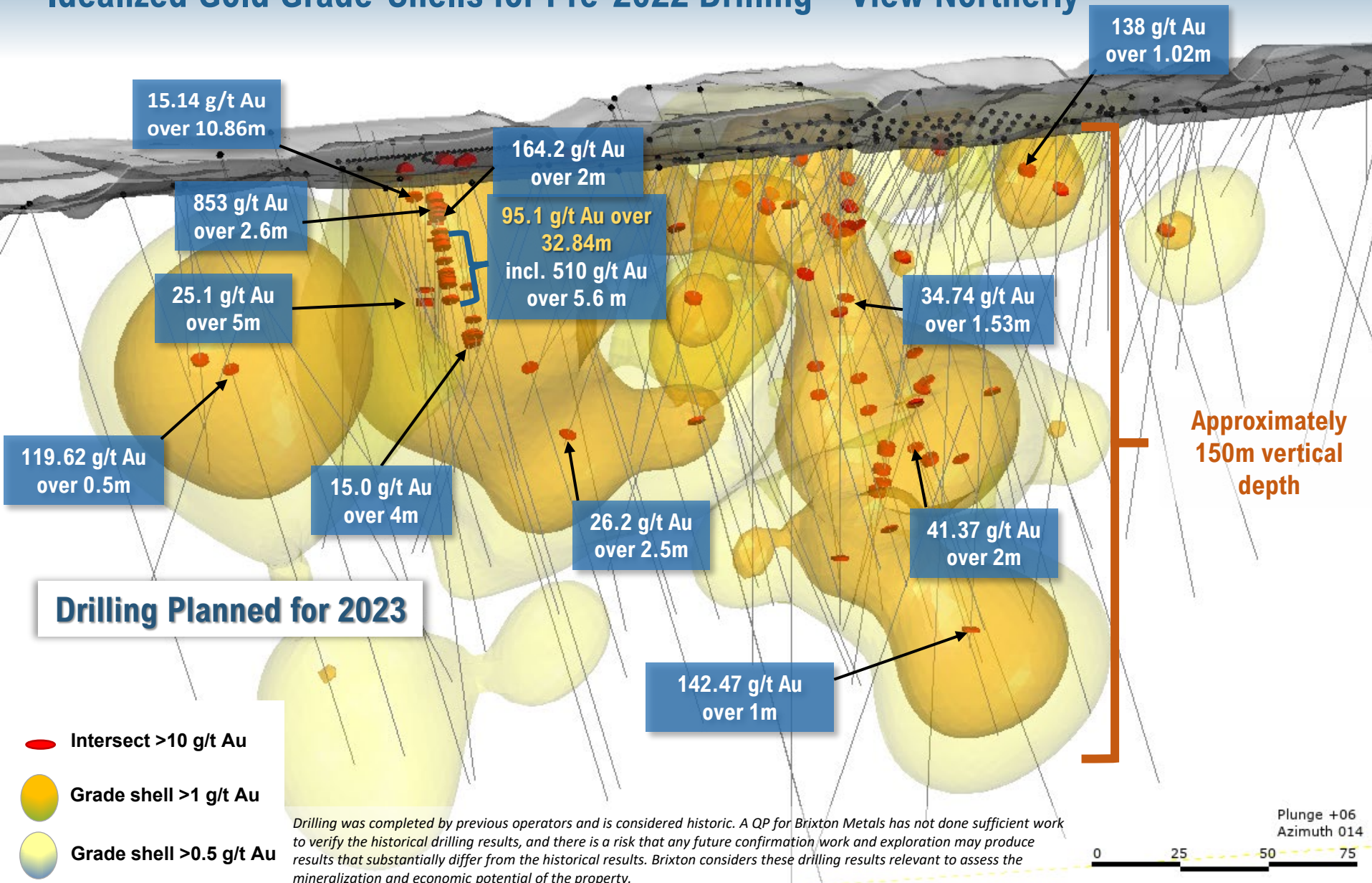
Permitted and Drill Ready

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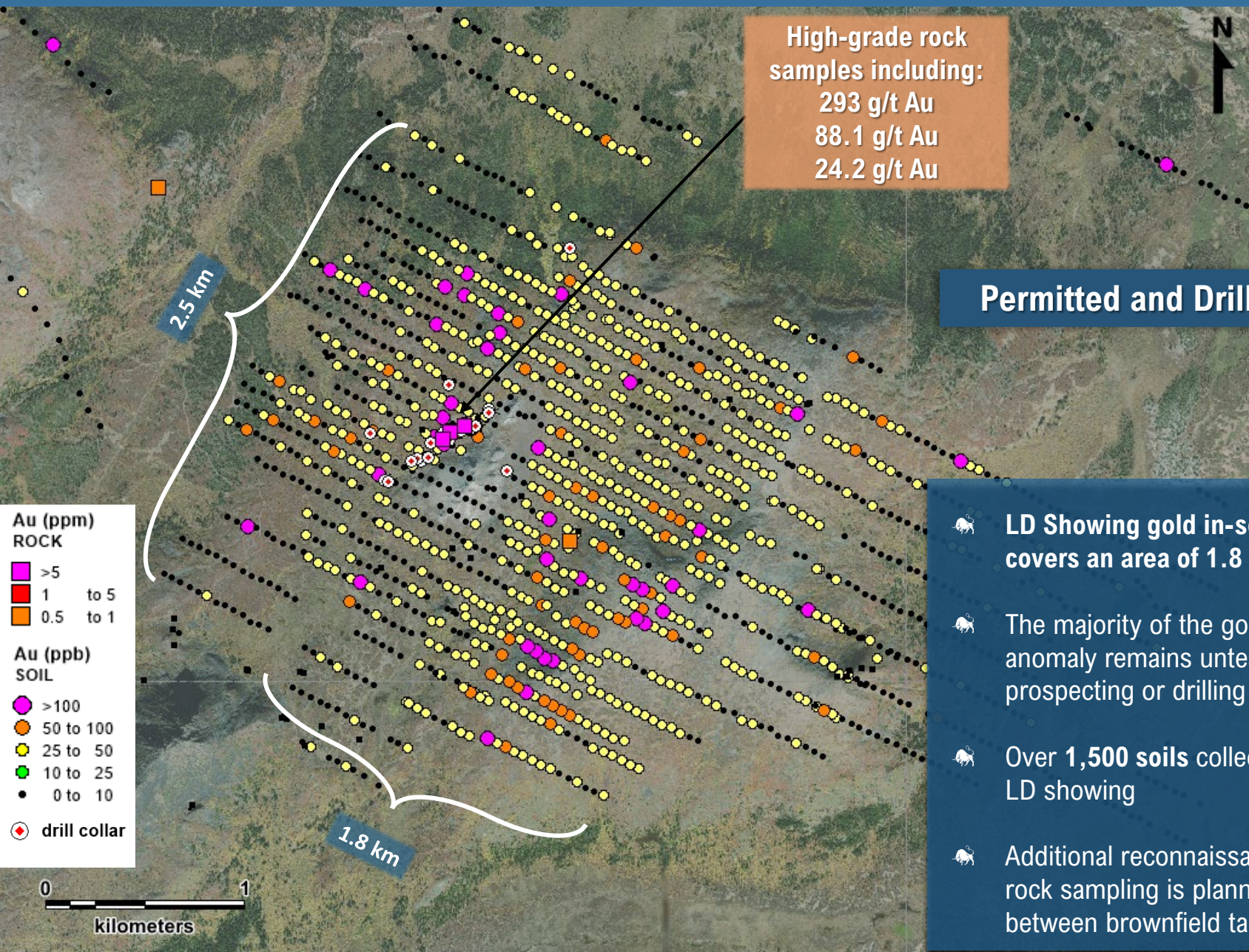
YELLOWJACKET MINE HIGH-GRADE GOLD



Idealized Gold Grade-Shells for Pre-2022 Drilling – View Northerly



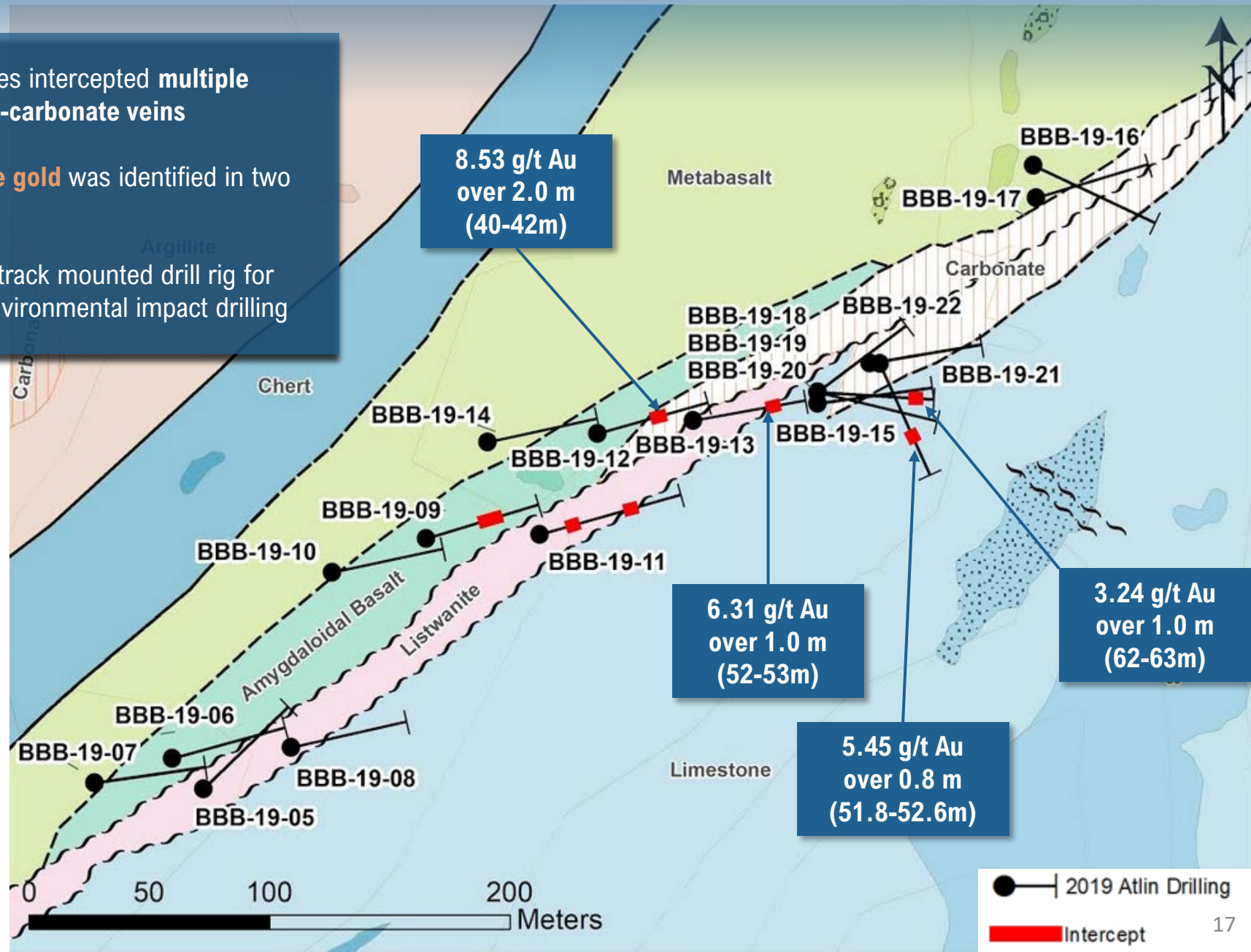
LD GOLD-IN-SOIL ANOMALY



LD SHOWING DRILL RESULTS 2019



- All holes intercepted **multiple quartz-carbonate veins**
- **Visible gold** was identified in two holes
- Small track mounted drill rig for low environmental impact drilling

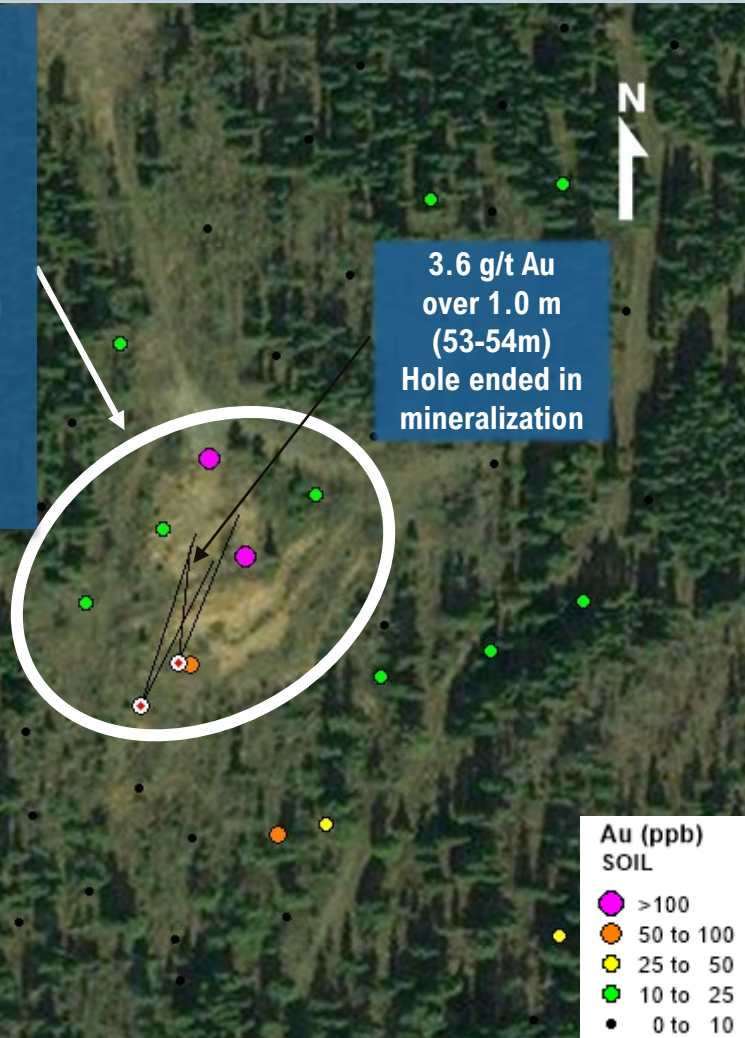


PICTOU – GOLD & SILVER



Old workings & samples include:

- 30m adit and shallow shaft
- **One ton bulk sample** grading **9.22 g/t Au & 250 g/t Ag** (1968)*
- 2m Trench samples (1987)**
 - **14.29g/t Au & 183.8g/t Ag**
 - **7.26g/t Au & 130.4g/t Ag**
- Grab samples (1966 & 1968)**
 - **74.1g/t Au & 7,107g/t Ag**
 - **61.0g/t Au & 4,649g/t Ag**



- The gold mineralization is hosted in **quartz-carbonate veins** with arsenopyrite and iron-oxide alteration.
- Gold occurrences were first reported in 1931 by J.T. Mandy.
- In 2019 Brixton drilled four shallow holes at Pictou, with one ending in mineralization of 1m @ 3.6 g/t Au at 53m depth.

*Minister of Mines Annual Report 1968, page A52

** McIvor, D. 1988, Summary Report of Mineral Exploration Activity on the Pictou Property. Homestake Mineral Development Co. Ltd. BC Assessment Report 17656. p.83



- 🐃 Acquisition in 2016
- 🐃 Consolidated the claims into one regional land package, covering the major gold prospects
- 🐃 Over 39,000m of drilling completed across the property
 - 🐃 Drilled 1,599 meters in 2019 at LD and Pictou (22 collars)
 - 🐃 Drilled 292 meters in 2022 at Yellowjacket (2 collars)
- 🐃 Collected thousands of surface samples:
 - 🐃 840 rock samples
 - 🐃 7,300 soil samples
 - 🐃 23 silt samples and 23 associated bulk leach extractable gold samples (BLEG)
 - 🐃 161 biogeochemical samples (leaves, twigs, etc.)
- 🐃 6,563-line km's of geophysical surveys completed
- 🐃 Detailed lithological and alteration mapping across 3 target areas

*** Drill program planned for Yellowjacket Target - Fall 2023 ***

ATLIN SUMMARY



DISTRICT SCALE GOLD PROPERTY

- 578.9 km² mineral tenure
- 100% Brixton owned with low to no NSR's

OROGENIC GOLD

- Orogenic gold deposits have a proven track record of high-grade systems with great continuity at depth
- Previous exploration has focused solely on orogenic gold hosted by ultramafic & mafic rocks in the district, and it is now known that sedimentary rocks are also host to gold mineralization

INTRUSION-RELATED GOLD

- Recent studies indicate that local sharp-edged, placer gold nuggets are directly linked to the Surprise Lake Batholith.
- Preliminary geochemical surveys indicate areas that are highly anomalous in intrusion-related trace elements

POTENTIAL

- Permitted 200 ton per day mine (75,000 t/year)
- Historic gold recovery through simple gravity circuit (cyanide-free, no chemicals required).

Objective:
Find the source of
Atlin's placer gold



Drill Ready &
Seeking JV Partner



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1-604-630-9707

Email: info@brixtonmetals.com

www.brixtonmetals.com

Suite 551 – 409 Granville Street,
Vancouver, BC, V6C 1T2 Canada