



AURYN

RESOURCES

TSX : **AUG**
NYSE American : **AUG**



The year of discovery!

September 2017

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Auryn holds its interests in Peru through Corisur Peru SAC. Certain licenses (including the Huilacollo and Banos del Indio projects) are located within a special economic zone situated within 50km of the Peruvian boarder. As a non-resident company, Auryn’s right to ultimately exploit these licenses or register its interests require approval from the Peruvian government in the form of a Supreme Decree. Auryn is in the process of submitting its applications with respect to the approval and anticipates receiving the approval prior to excising it rights under the option agreements.

Michael Henriksen (Chief Operating Officer), P. Geo is the QP who assumes responsibility for the technical contents of this Presentation.

Cautionary note to United States investors concerning estimates of measured, indicated and inferred resources estimates

This disclosure has been prepared in accordance with the requirements of Canadian provincial securities laws which differ from the requirements of U.S. securities laws. Unless otherwise indicated, all mineral resource estimates included in this disclosure have been prepared in accordance with Canadian National Instrument 43-101 Standards of Disclosure for Mineral Projects (“NI 43-101”) and the Canadian Institute of Mining, Metallurgy and Petroleum classification systems. NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. These standards differ significantly from the requirements of the United States Securities and Exchange Commission (the “SEC”), and resource estimates disclosed may not be comparable to similar information disclosed by U.S. companies.

In addition, this disclosure uses the terms “measured and indicated resources” and “inferred resources” to comply with the reporting standards in Canada. The Company advises United States investors that while those terms are recognized and required by Canadian regulations, the SEC does not recognize them. United States investors are cautioned not to assume that any part or all of the mineral deposits in these categories will ever be converted into mineral reserves. Further, “inferred resources” have a great amount of uncertainty as to their existence and as to whether they can be mined legally or economically. Therefore, United States investors are also cautioned not to assume that all or any part of the “inferred resources” exist. In accordance with Canadian securities laws, estimates of “inferred resources” cannot form the basis of feasibility or other economic studies. It cannot be assumed that all or any part of “measured and indicated resources” or “inferred resources” will ever be upgraded to a higher category or are economically or legally mineable. In addition, disclosure of “contained ounces” is permitted disclosure under Canadian securities laws; however, the SEC only permits issuers to report mineralization as in place tonnage and grade without reference to unit measures.

Active gold exploration portfolio (7 projects)

Canada

Committee Bay, Gibson MacQuoid (Nunavut),
Homestake (British Columbia)

**Southern
Peru**

Sombrero, Huilacollo, Baños del Indio, Curibaya

Currently drilling the entire portfolio

World class technical team

Experienced, Balanced Management Team

Management

Ivan Bebek, Co-founder **Executive Chairman, Director**

Shawn Wallace, Co-founder **President, CEO & Director**

Michael Henrichsen, MSc **Chief Geologist**

Peter Rees, CPA, CA **CFO and Corporate Secretary**

Russell Starr **SVP Corporate Finance**

Jay Adelaar **VP of Investor Relations**

Directors

Ivan Bebek

Shawn Wallace

Michael Kosowan, M.A.Sc, P.Eng

Dan McCoy, PhD

Antonio Arribas, PhD, MSc

Steve Cook, LLB

Gordon J. Fretwell, LLB

Keith Minty, P.Eng

Record of Success

*Our team has raised over \$500 million
and monetized successes in two
previous companies*

ASANKOGOLD **Producing**
(Formerly Keegan Resources)

Clayden
RESOURCES

SOLD

Sold for \$205 million to Agnico Eagle in 2014

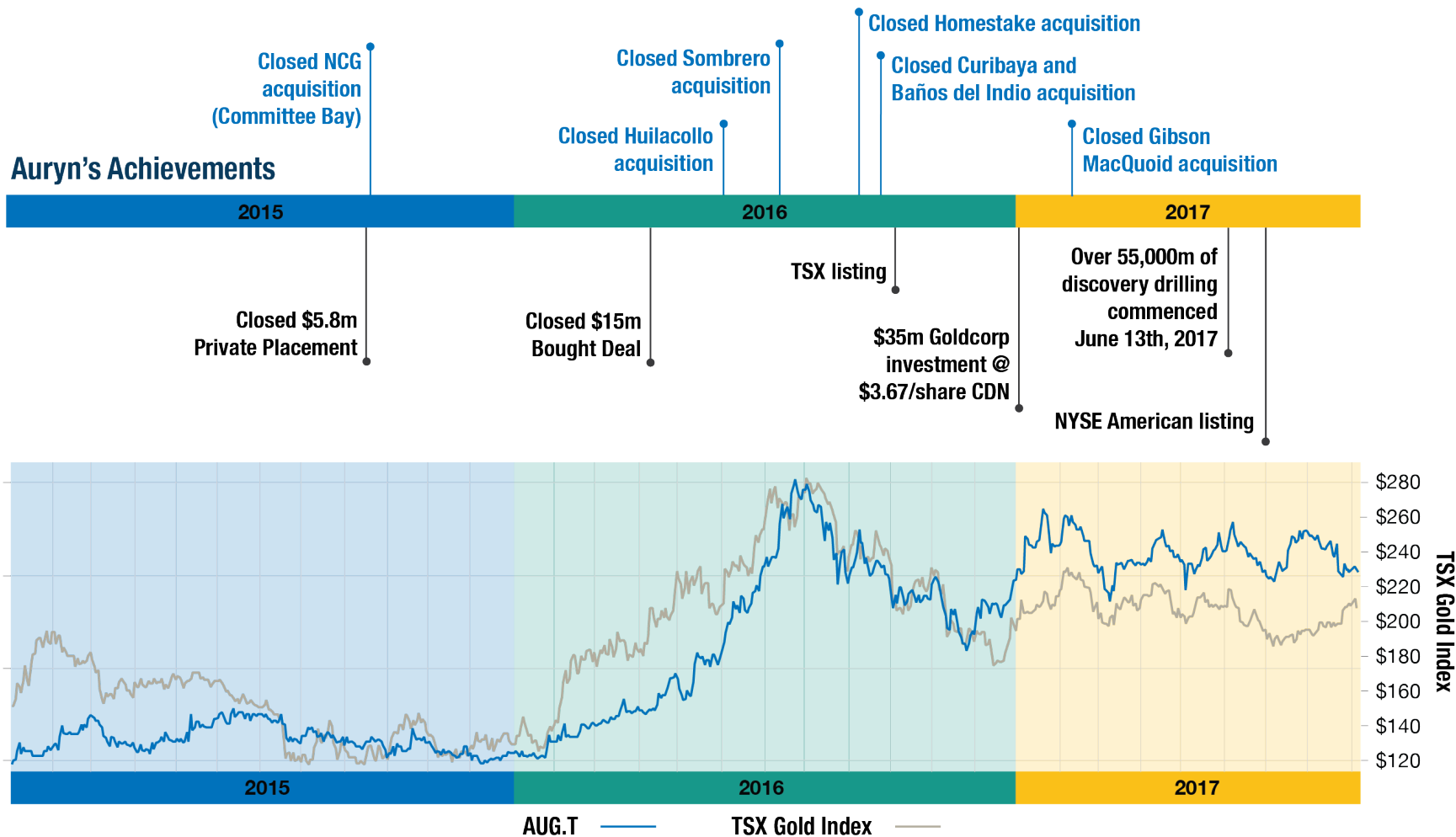
AURYN
RESOURCES

Exploring

Over 55,000 meters of discovery drilling underway

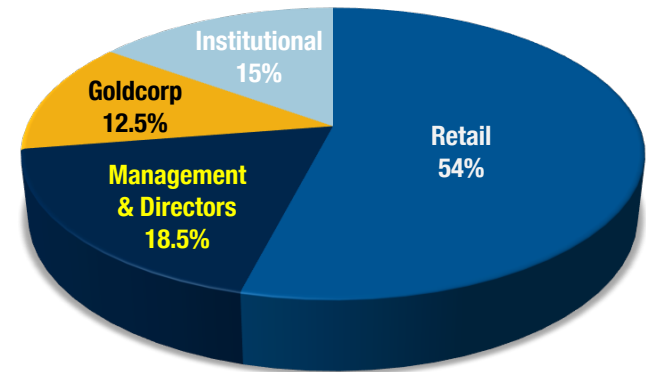
- **Completed 4 acquisitions** - *3 in Peru and 1 in BC*
- **Added members to our board and technical team**
- **Graduated both stock exchange listings** – *now listed on the TSX main board and NYSE American*
- **Received a strategic investment from Goldcorp** = *\$35 million @ \$3.67 CDN (Goldcorp now owns 12.5 %)*
- **Insiders have net purchased over 650,000 shares**

Timeline of Achievements

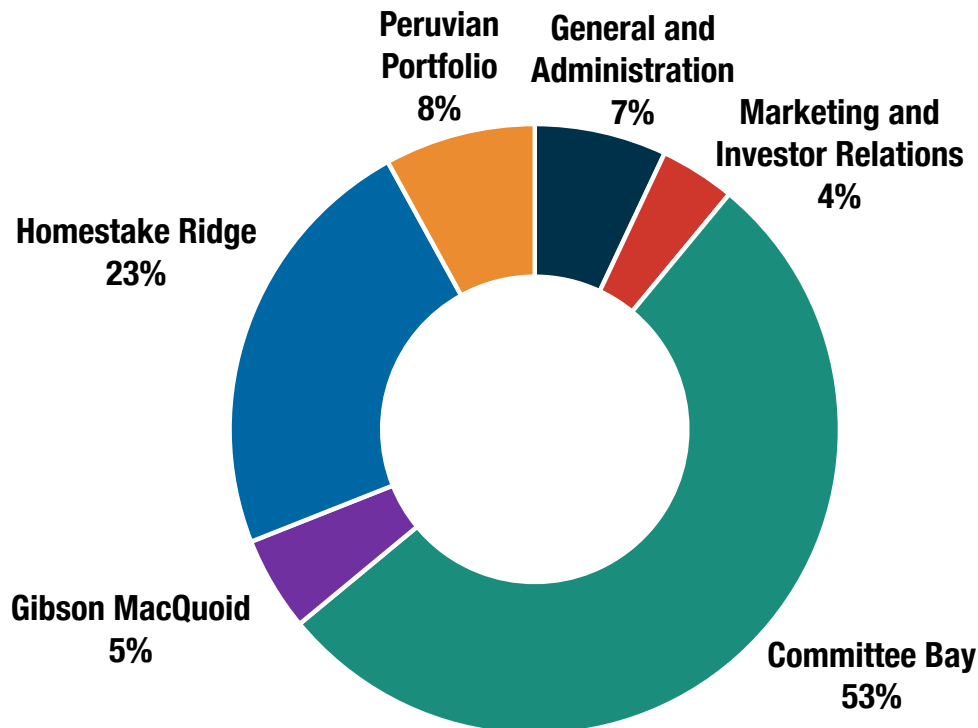


Capital Structure, Ownership, Balanced budget

Capitalization	As of September 16, 2017
Shares Outstanding	78,426,230
Warrants @ \$1.40 (exp. May 4, 2018)	27,716
Options outstanding (avg. price \$1.91)	5,080,000
Fully Diluted Shares Outstanding	83,605,446
Treasury (As of September 13, 2017)	\$15 million



Auryn Proposed Summary 2017



2017 Budget - \$40 Million
(January – December)

89% of the current treasury to be spent on exploration and drilling

(Budget subject to increase)

World Class Technical Team – “Multiple Disciplines”

Michael Henrichsen: Chief Operating Officer/ Chief Geologist
Former Global Structural Geologist Newmont

David Smithson: VP Exploration
Former Global Mapper/ Geologist Newmont; Technical Lead at Cayden Resources

Antonio Arribas, PhD, MSc: Director
Former Chief Geologist Newmont, Former VP Geological Sciences BHP Billiton

Dan McCoy, PhD: Director
Former Chief Geologist at Cayden Resources and Keegan Resources

Rael Lipson, PhD: Technical Advisor
Former Chief Exploration Geologist Gold Fields

Miles McAlister: Technical Advisor
Former Exploration & Business Development Manager for Newmont (Africa/Europe)

Miguel Cardozo: Technical Advisor
Prominent Peruvian Exploration Specialist

Kim Cook: Geophysicist
Former Global Geophysicist Newmont & Anglo

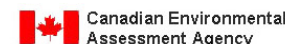
Mike McMillan: Research Inversions Geophysicist (CGI – UBC)
Former Global Geophysicist Newmont

Nigel Radford: Geochemist
Former Chief Geochemist Newmont

Ralph Stea: Quaternary Geologist
Former Surficial Geologist and Geochemist with Nova Scotia Department of Natural Resources

Jason Quigley: Aboriginal and Regulatory Affairs
Formerly ran the Canadian Environmental Assessment Agency for Western Canada

**Companies the technical team
formerly worked with**



Homestake Ridge, Canada High Grade Gold

- High grade gold deposit expansion
- New discovery model

Committee Bay, Canada High Grade Gold

- 300 km High-grade gold belt

Gibson MacQuoid, Canada High Grade Gold

- 120 km Unexplored greenstone belt

Discovery Focused Portfolio

**7 Major Projects - 3 in Canada
(high grade) 4 in Peru (oxide)**

Sombrero, Huilacollo, Baños del Indio & Curibaya, Peru Oxide Gold

- Scalable oxide gold, skarn and porphyry targets
- Endowment

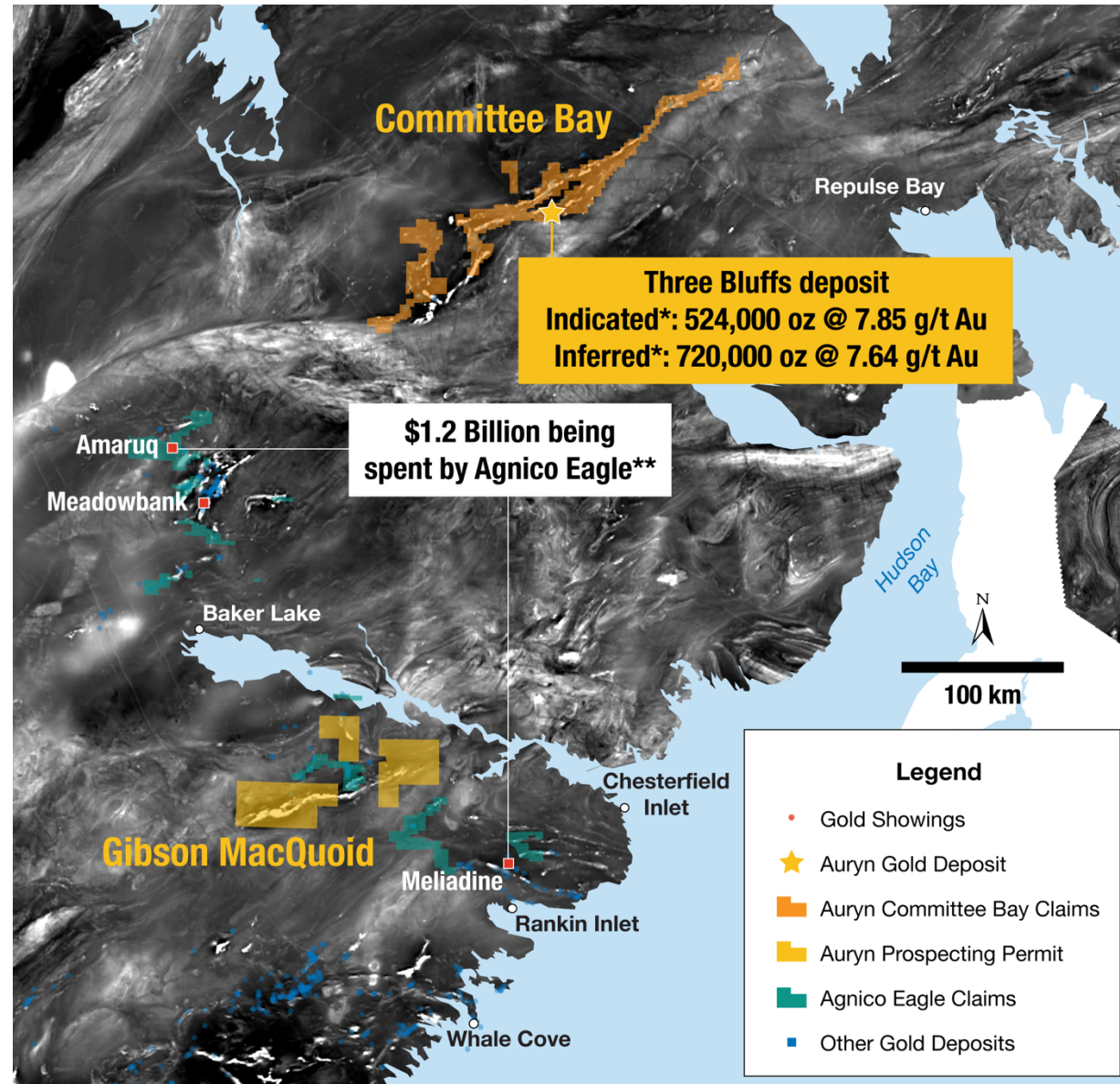


Three Bluffs

- Over 380,000 ha
- 300 km long high grade greenstone belt
- Testing 18 new major targets this year
- Recently completed over 30,133m of drilling*

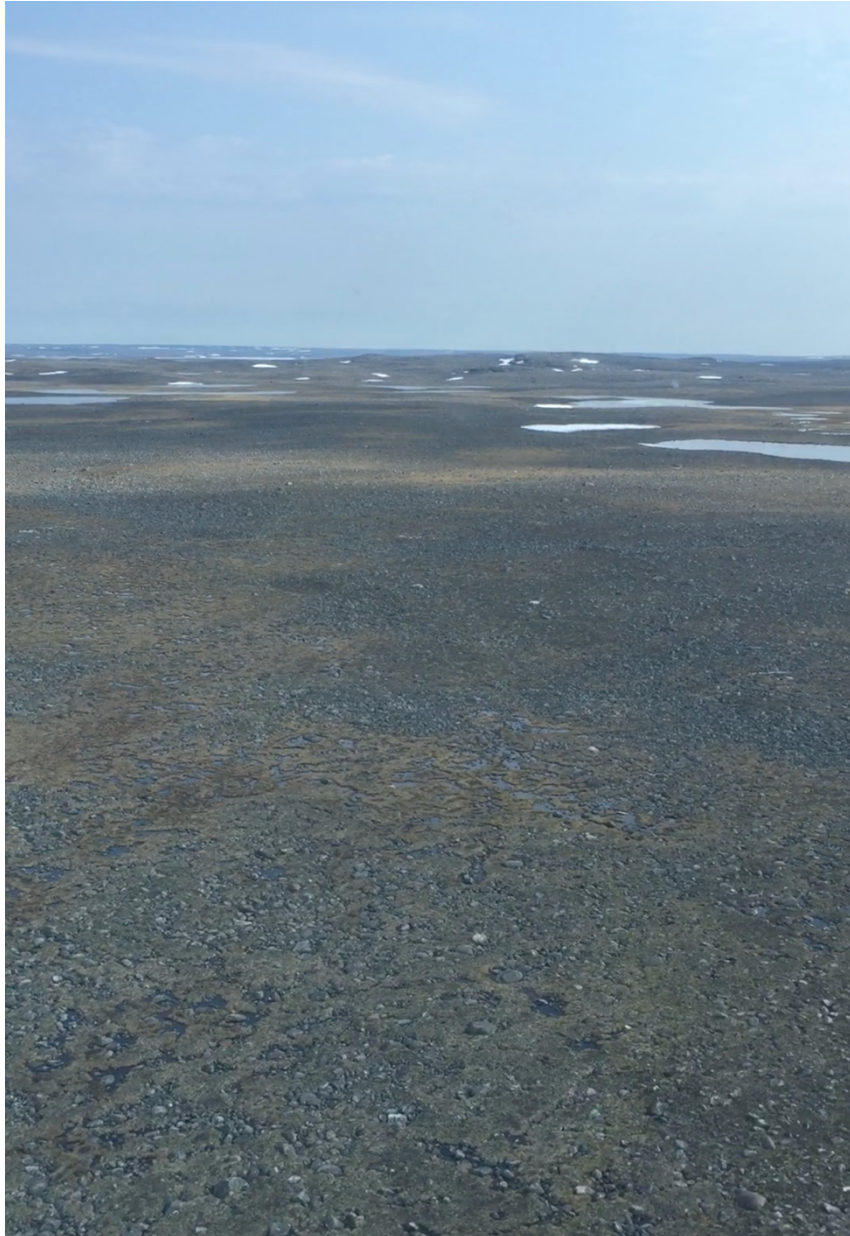
Gibson MacQuoid

- 329,000 ha
- 120 km long greenstone belt
- Surface till program complete results pending*
- Drilling planned for 2018*



* Refer to slide in appendix

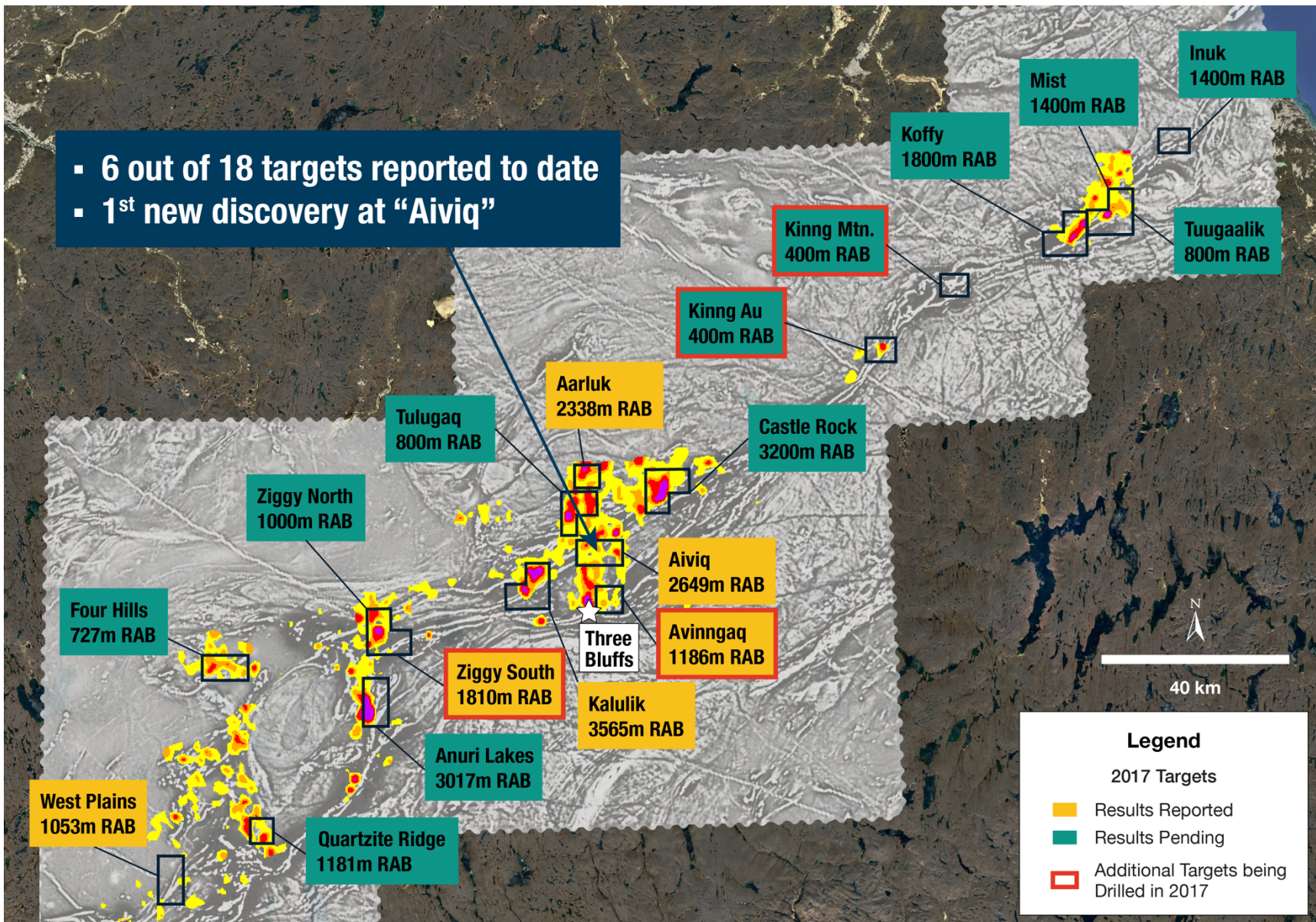
** Source: Agnico Eagle video, Feb 16, 2017



Committee Bay Frontier exploration finding the needle in a haystack

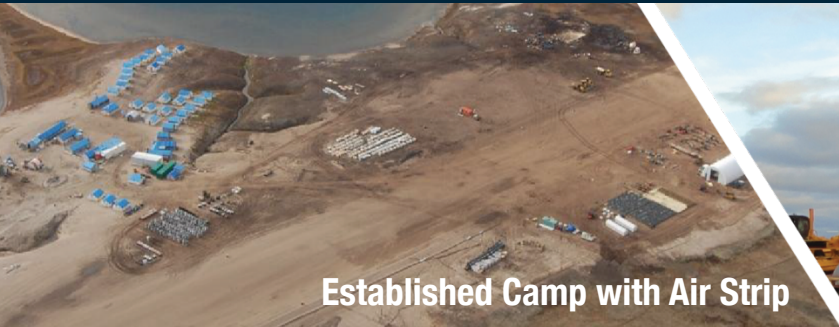


Committee Bay – 2017 Target Areas



Exploration Infrastructure in Place

Over \$100m spent in the last 20 years including \$27m on infrastructure at Committee Bay



Established Camp with Air Strip



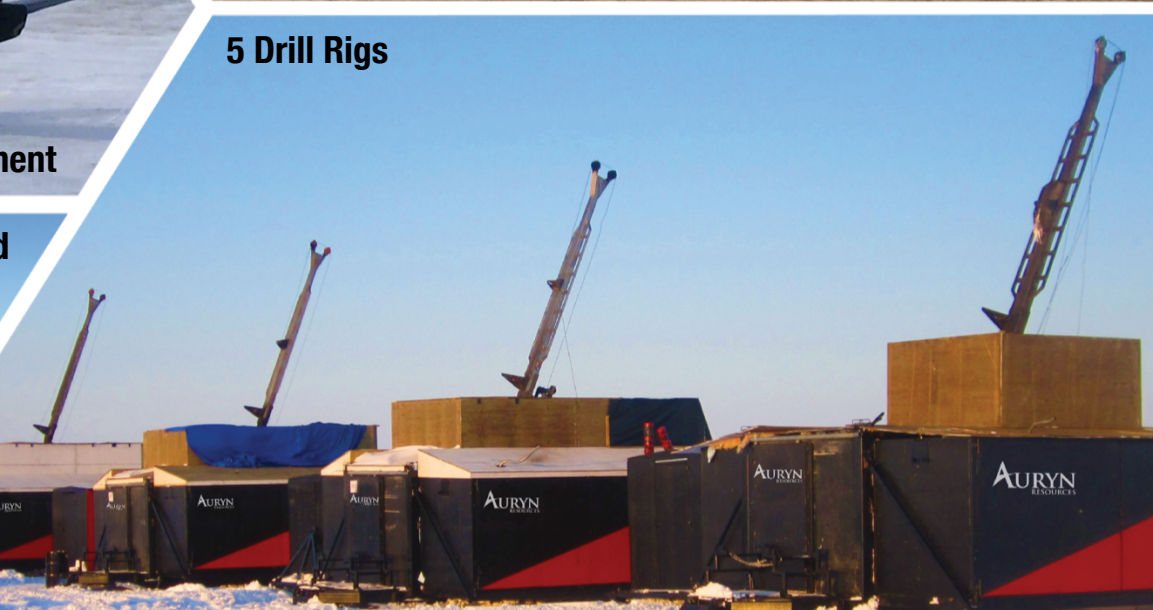
Boeing 737 Bringing in Equipment



Fuel for 25,000m (2017) Delivered

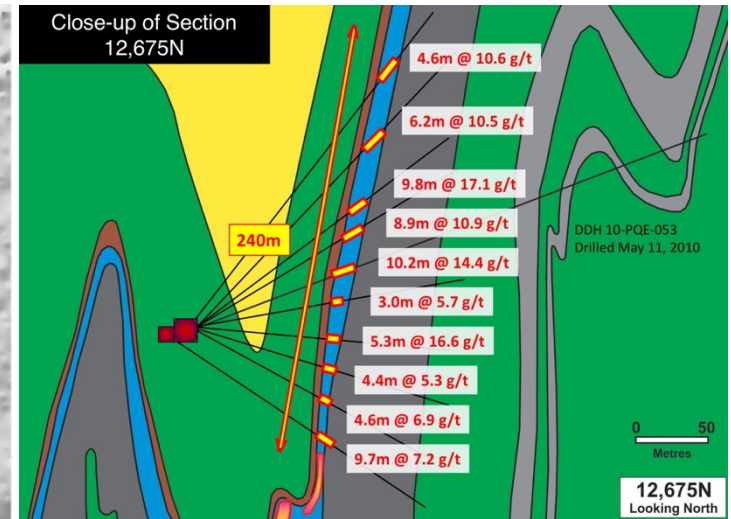
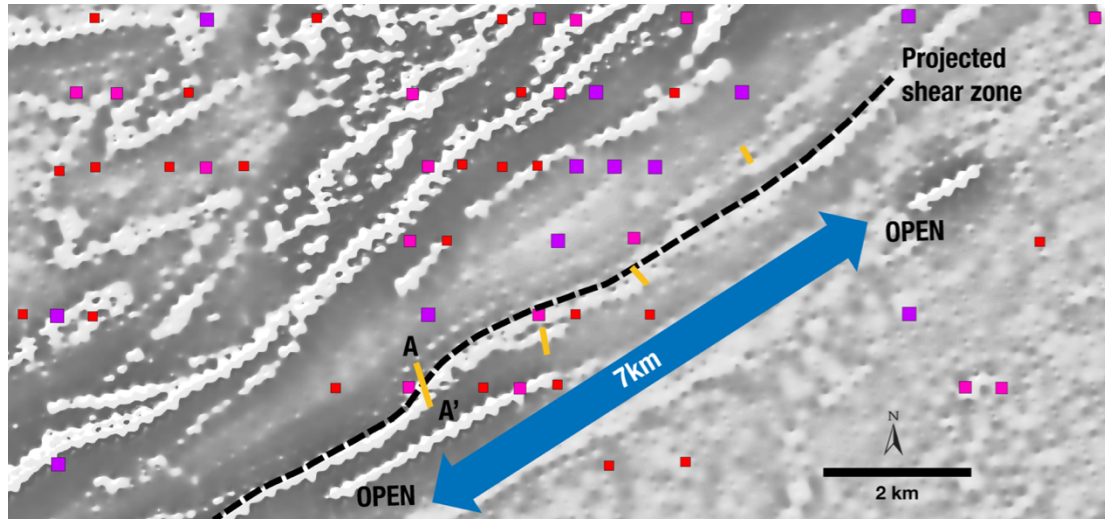


Heavy Equipment at Site



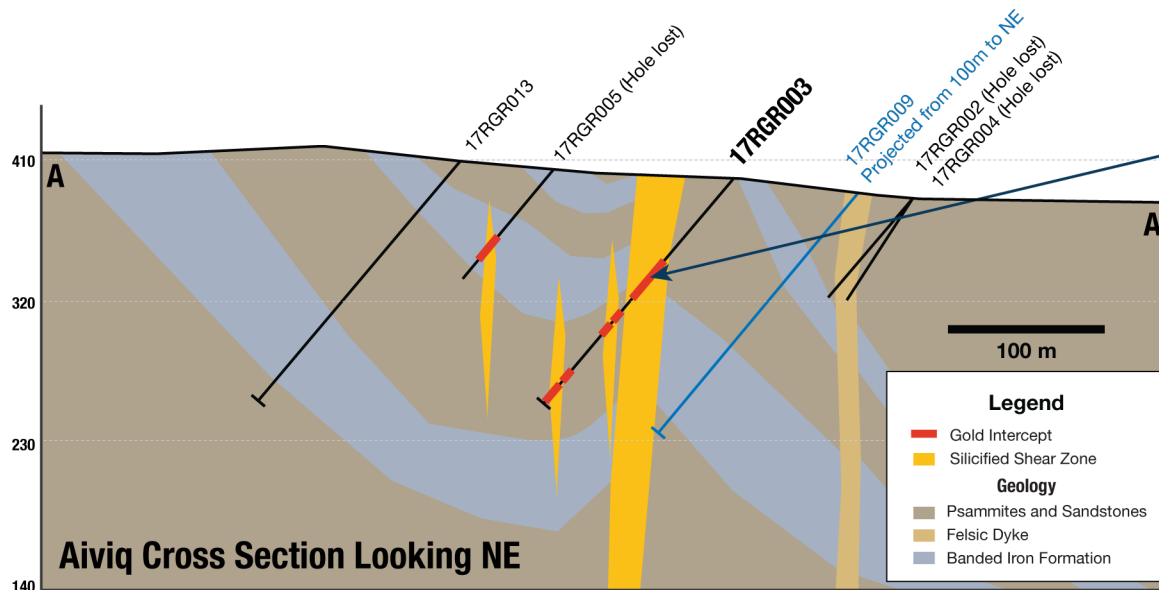
5 Drill Rigs

What could “Aiviq” become?

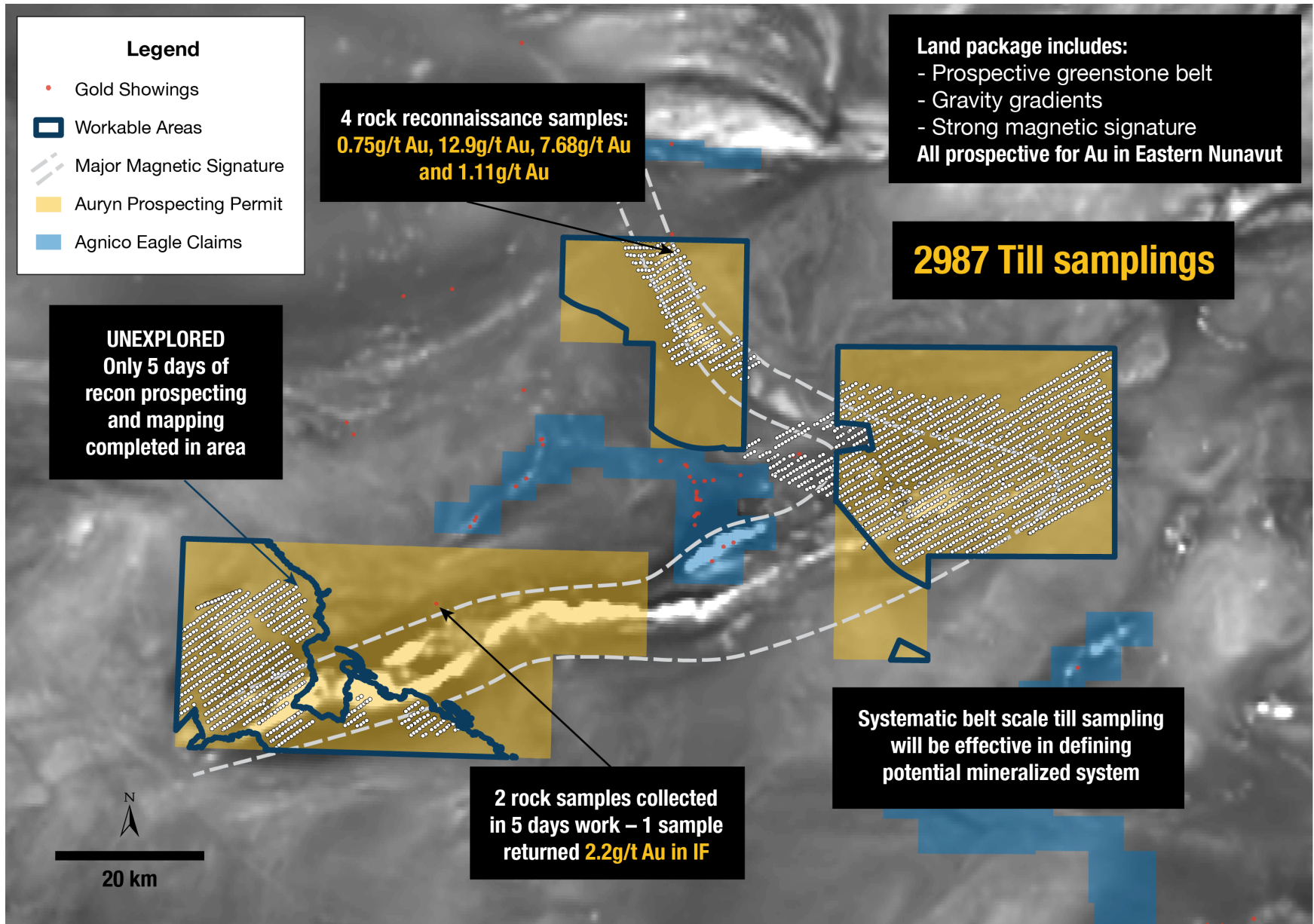


Musselwhite discovery

Source: Goldcorp Cdn Asset Tour Individual Mine Site Presentations, Sep 13, 2010

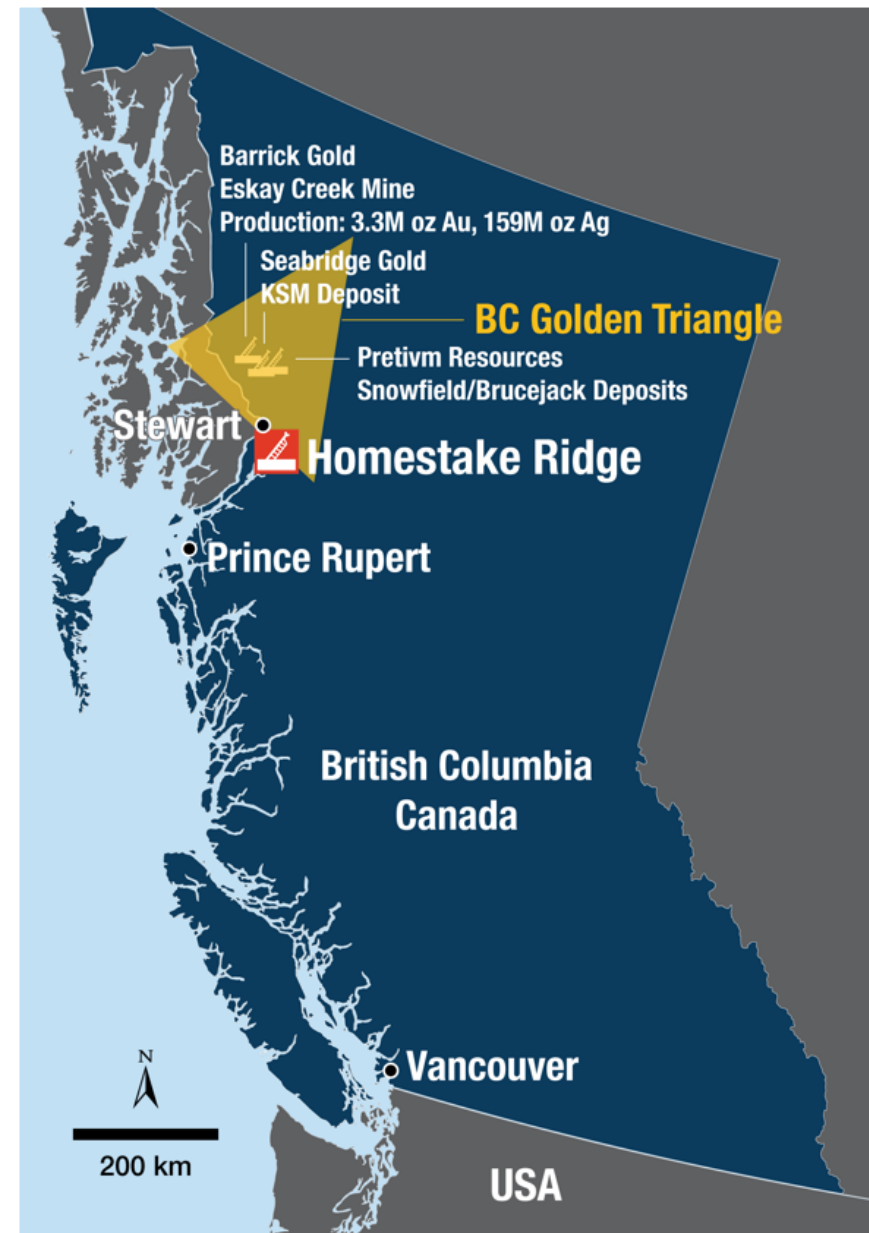


Gibson MacQuoid – Repeating Committee Bay Process...



Homestake... Does it Get Bigger?

- Located within the **Golden Triangle, BC**
- Existing, **High grade gold/silver resource** – open
- PEA - 2018
- 12,000m of drilling underway with *results anticipated October - December*



Homestake Main Zone

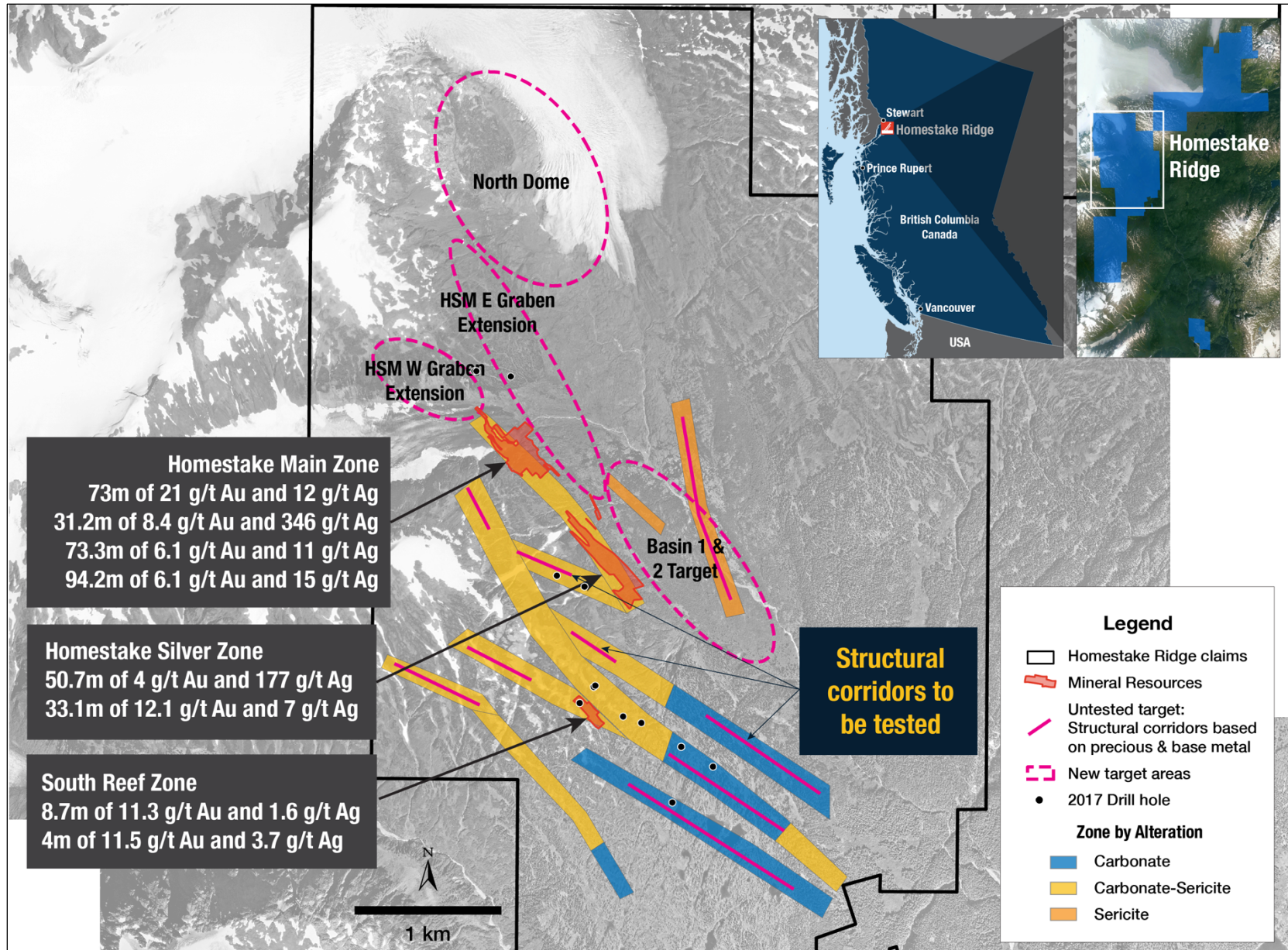
Process	Concentrate Grade (g/t or %)	Recovery %
Cu Flotation – Au	387.0 g/t	55%
Cu Flotation – Ag	652.0 g/t	45%
Cu Flotation – Cu	25.7%	75%
Combined – Au recovery (after cyanidation)		84%
Combined – Ag recovery (after cyanidation)		72%

Homestake Silver Zone

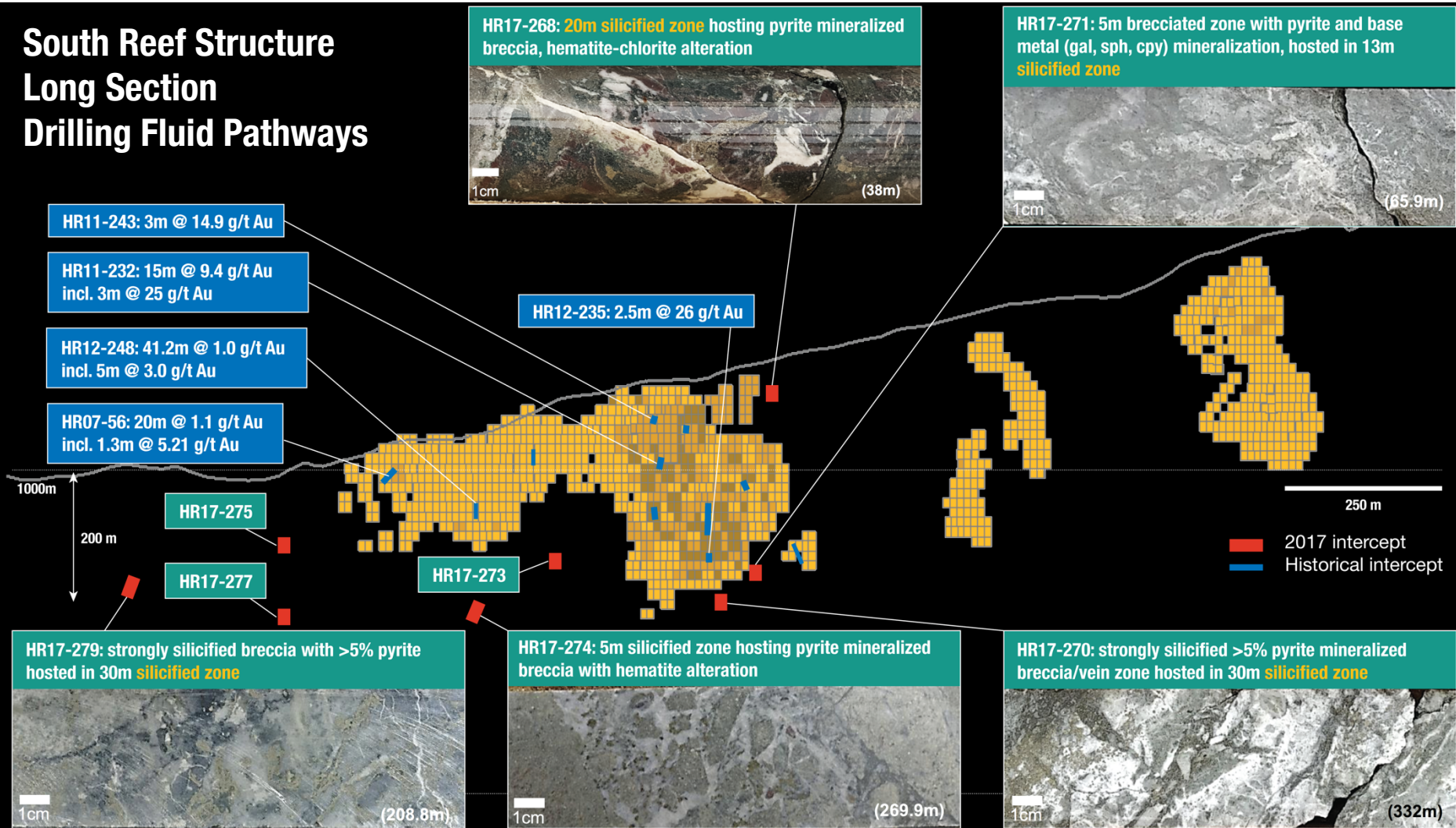
Process	Concentrate Grade (g/t or %)	Recovery %
Pb Flotation – Au	789.0 g/t	65%
Pb Flotation – Ag	12,100.0 g/t	50%
Pb Flotation – Pb	26.5%	70%
Combined – Au recovery (after cyanidation)		88%
Combined – Ag recovery (after cyanidation)		73%

* Au and Ag values shown in g/t, all other elements are reported in percent, see news release dated November 14, 2016

Homestake Deposits



South Reef Structure Long Section Drilling Fluid Pathways



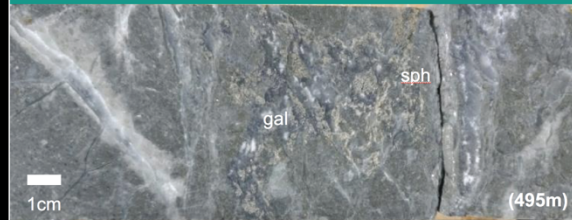
Homestake Main Extension – Photo

- Homestake Main has the potential to continue on the other side of the glacier – (not previously tested)



Homestake Main Extension Long Section Drilling Fluid Pathways

HR17-278: 20m silicified zone with quartz veining with intervals of >5% sphalerite + galena (Results Pending)



HR17-276: 14m wide zone of silicification with intervals of coliform veining and hydrothermal breccia with >5% py (Results Pending)



HR09-146: 0.9m @ 49 g/t Au and 9027 g/t Ag

HR09-161: 23m @ 7.2 g/t Au and 365 g/t Ag incl. 5.9m @ 25.8 g/t Au and 1358 g/t Ag

HR07-71: 92.6m @ 17.6 g/t Au incl. 1.5m @ 696 g/t Au

HR06-50: 26.2m @ 5.2 g/t Au incl. 1.6m @ 48.5 g/t Au

HR09-152: 21.4m @ 10.5 g/t Au

Homestake Main

Homestake Silver

HR09-165: 50.9m @ 8.0 g/t Au incl. 3.2m @ 87 g/t Au

Homestake glacier

Plunge

HR10-198: 7.7m @ 8.0 g/t Au incl. 0.8m @ 56 g/t Au

HR07-71: 4.5m @ 5.6 g/t Au incl. 1.0m @ 20.2 g/t Au

HR07-67: 26.6m @ 0.33 g/t Au incl. 2.2m @ 1.39 g/t Au

Panel being drilled 2017
500m vertical extent

■ 2017 intercept
— Historical intercept
★ Currently drilling

Southern Peru major discoveries:

- Tintaya - Xstrata
- Las Bambas - MMG
- Cerro Verde – Freeport-McMoRan
- Chucapaca - Buenaventura





Power lines and water nearby - Huilacollo



High tension power lines - Sombrero



Access roads to Huilacollo & Banos

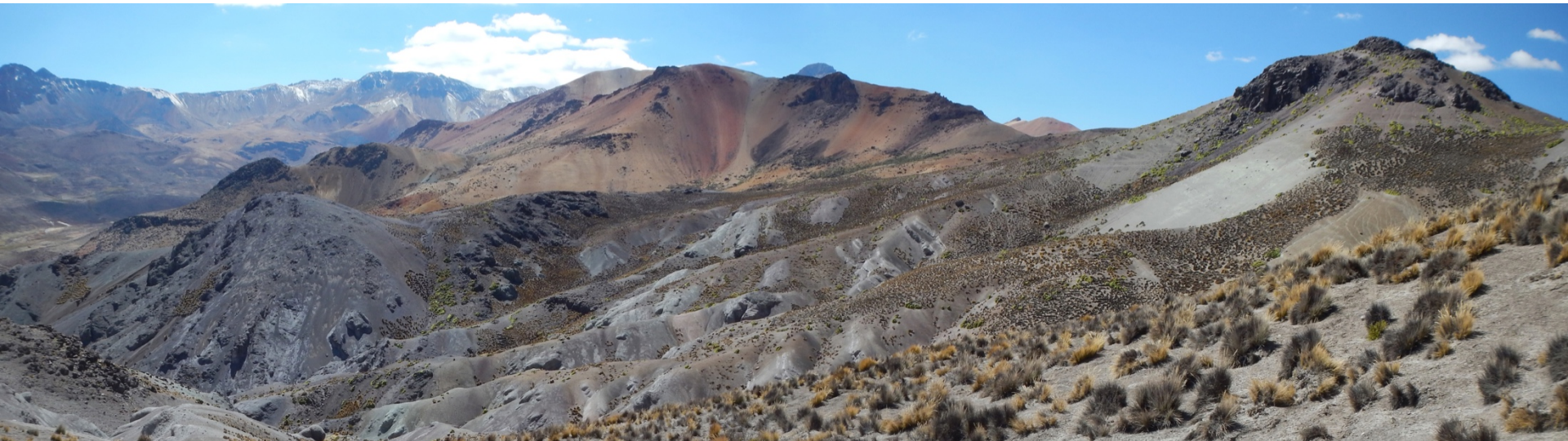


Access roads and water nearby - Sombrero

- **4 Oxide “from surface” targets (order to be drilled)**
 - Huilacollo – Epithermal target (*moderate historic drilling*)
 - Sombrero – Skarn target gold and copper (*never previously drilled*)
 - Baños del Indio – Epithermal target (*never previously drilled*)
 - Curibaya – Porphyry target (*never previously drilled*)

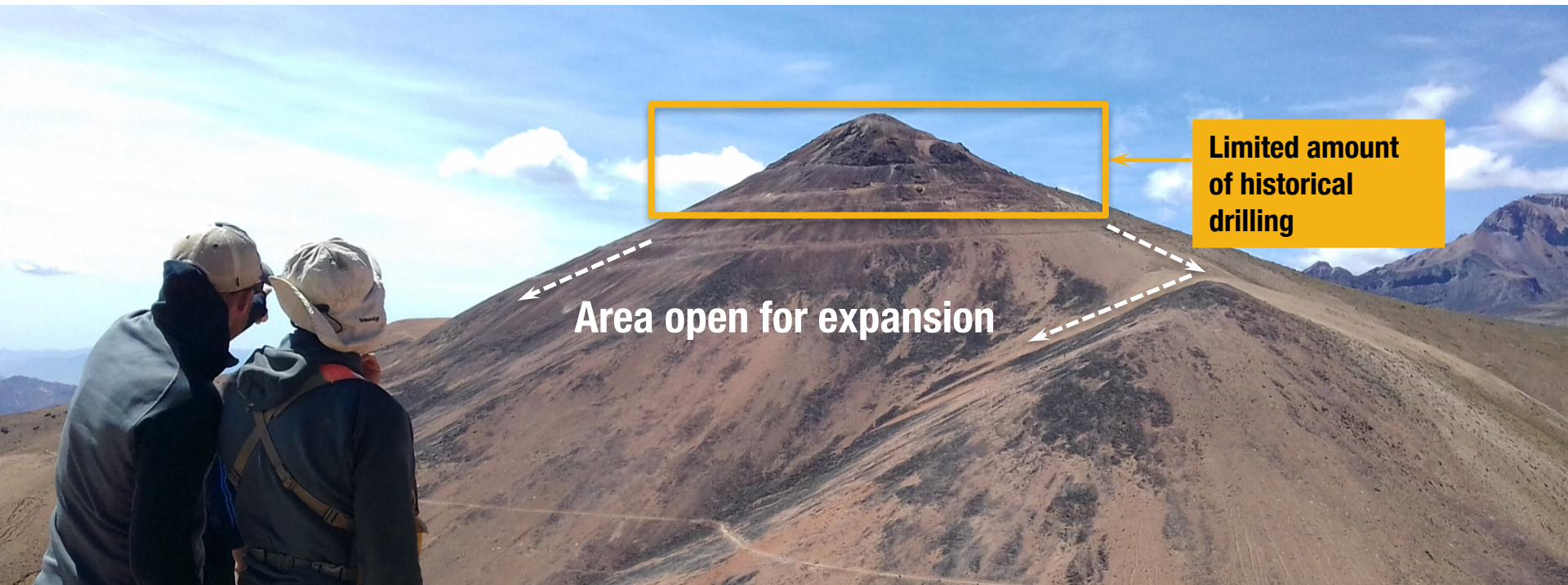
Peru portfolio drilling planned for October 2017 starting at Huilacollo

Acquisition and staking is ongoing



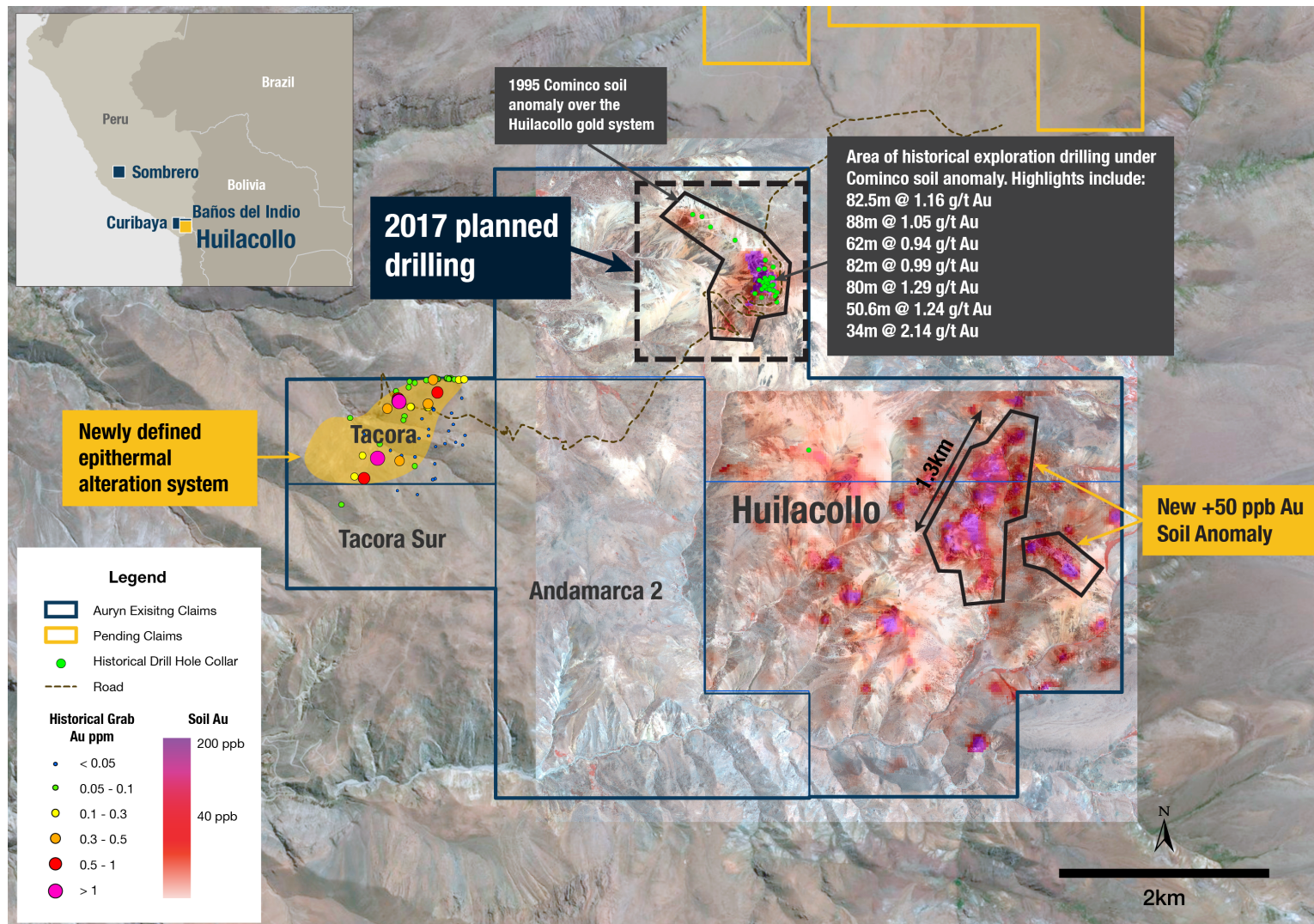
Huilacollo – Drilling Planned for October 2017

- Moderate historical drilling
- Target rich – from surface oxide targets
- Over 3,300 ha including newly acquired claims
- ***Drilling permits applied for, anticipated to commence in October 2017***



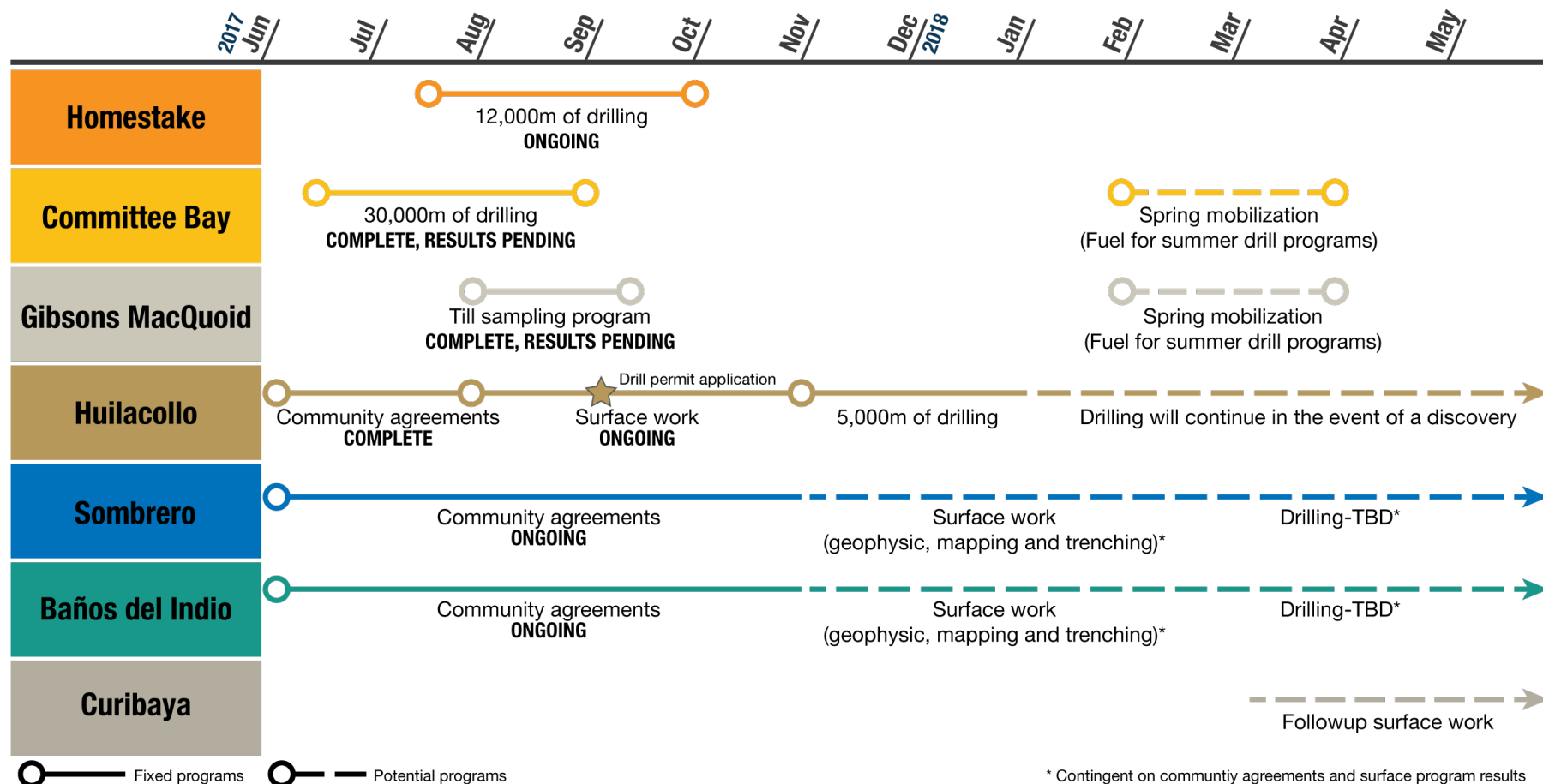
Huilacollo = Scalable Oxide Targets

- Newly identified multiple +50ppb gold anomalies
- Newly acquired Tacora & Andamarca concessions



- Completed **30,133m** of drilling at Committee Bay (4 drills) – *assays pending for 60% of holes*
- 9,000m of 12,000m completed at Homestake Ridge (3 drills) - *assays pending for all holes* - Drill program will complete in October 2017
- Huilacollo gold project Peru) – *5,000m of drilling anticipated to start in October 2017*
- Sombrero, Baños del Indio – *drilling TBD 2018*

2017 – 2018 Timeline “ Ongoing Drilling and Exploration ”



The Opportunity... We are just Getting Started

- Early in the aggressive exploration of 7 major gold projects
- First “New discovery” underway at Committee Bay
- High degree of risk mitigation based on multiple projects/programs

Current Analyst Coverage



Michael Curran Target price \$5.75

“We believe Auryn can command premium AMC/oz multiples for the higher-grade nature of the gold mineralization at Homestake and Committee Bay”



Kevin MacKenzie Target price \$5.00

“Positive initial trench results at Sombrero set the stage for a potential drill discovery in 2017”



Ryan Walker Target price \$4.50

“We contend that the initial positive surface work at Sombrero tends to validate Auryn’s strategy of establishing a large and prospective Peruvian exploration package, and provide the potential for year-round positive exploration results from both its Peruvian land package and recently expanded land package in the emerging major Nunavut gold camp”



Mick Carew

“We see Committee Bay as a district play with significant potential for additional discoveries that would likely spark the interest of Major gold miners looking to find an entry point into the region.”



Philip Ker Target price \$3.75

“With positive results expected over 2017 and an increasing resource base, we believe Auryn’s attractive project portfolio distinguishes themselves from its peers.”



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