

Fronteergold

Where gold comes to life.





Forward-looking statement

Except for the statements of historical fact contained herein, certain information presented constitutes "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and Canadian securities laws. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "aims", "anticipates", "will", "projects", or "believes" or variations (including negative variations) of such words and phrases, or statements that certain actions, events, results or conditions "may", "could", "would", "might" or "will" be taken, occur or be achieved. Such forward-looking statements, including but not limited to, those with respect to potential expansion of mineralization, future plans for resource estimation and exploration, potential future production, drilling exposure, and exploration budgets and timing of expenditures involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievement of Fronteer to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, risks related to the actual results of international joint ventures, current and future exploration activities, changes in government legislation, changes in ownership interest in a project, conclusions of economic evaluations, uncertainty in the estimation of ore reserves and mineral resources (note: Mineral resources are not mineral reserves and do not have demonstrated economic viability, and there is no guarantee that any resource will become a reserve), changes in project parameters as plans continue to be refined, future prices of gold and silver and copper, environmental risks and hazards, increased infrastructure and/or operating costs, labor and employment matters, availability of financing, permitting availability and government regulation as well as those factors discussed in the section entitled "Risk Factors" in Fronteer's Annual Information form, available on SEDAR at www.sedar.com, and Fronteer's latest Form 40-F on file with the United States Securities and Exchange Commission in Washington, D.C.

Although Fronteer has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Fronteer disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, other than as required by applicable law. Accordingly, readers should not place undue reliance on forward-looking statements.

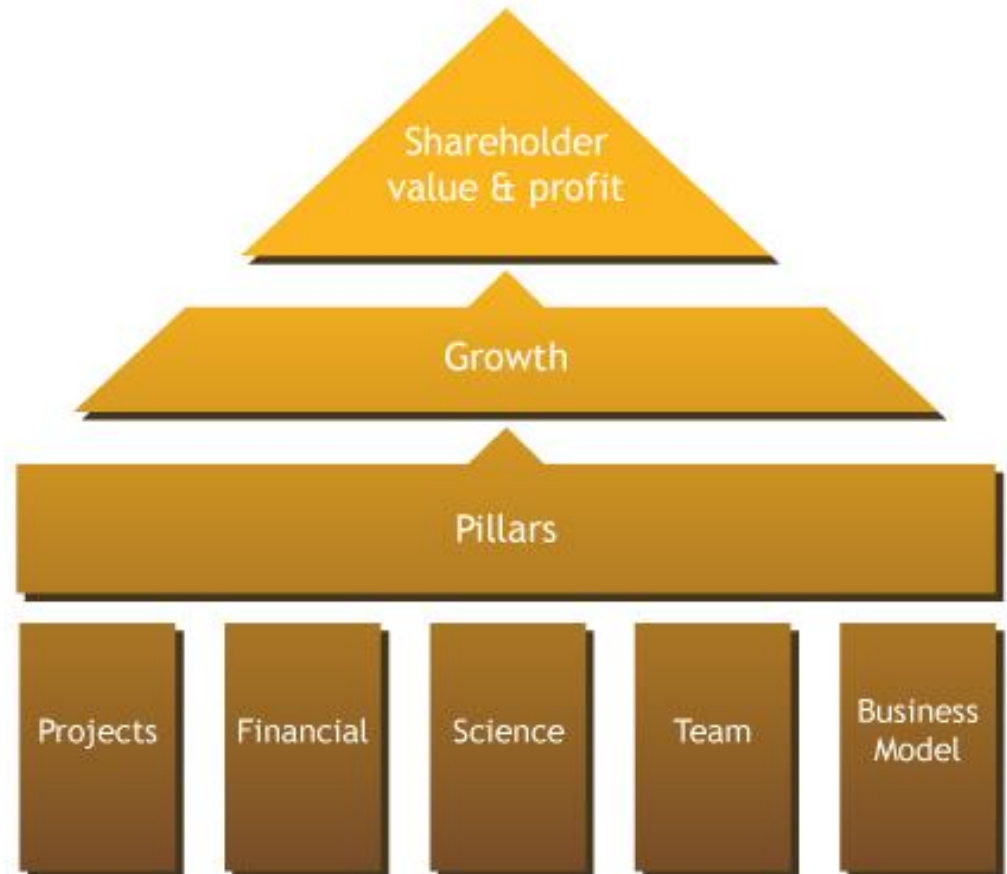
The PEAs stated in this presentation are preliminary in nature as they include inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves at this time and as such there is no certainty that the preliminary assessment and economics set forth in the PEAs will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

Shareholders in the United States are advised that this presentation uses the terms "measured resources", "indicated resources" and "inferred resources." While such terms are recognized and required by Canadian securities laws, the SEC does not recognize them. Under United States standards, mineralization may not be classified as a "reserve" unless the determination has been made that the mineralization could be economically and legally produced or extracted at the time the reserve determination is made.

All scientific and technical information contained in this presentation has been prepared by, or under the supervision of, Christopher Lee, P. Geo, Chief Geoscientist for Fronteer, a "qualified person" within the meaning of applicable securities laws.

Our foundation

- Frontier Gold has been built to be an enduring growth business.
- An exceptional team with depth - exploration, operations, business development.
- Strong balance sheet - no debt.
- Large, growing resource-base in Nevada upon which to build a strong production platform.
- Targeting a pathway to >300,000 ounces of annual production.





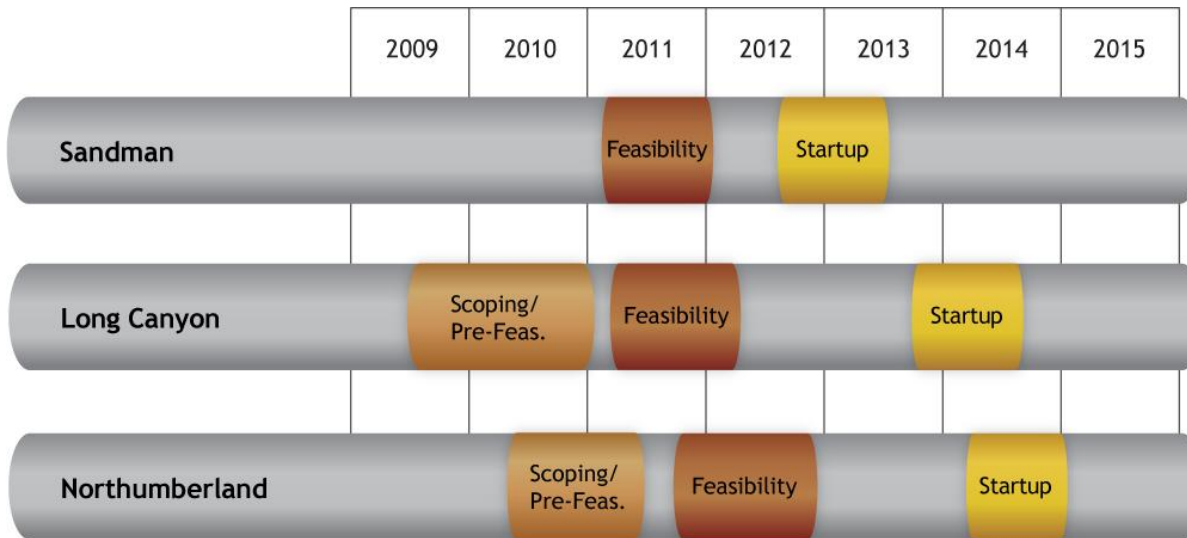
Acquisition of AuEx Ventures

- **Consolidates ownership of our flagship Long Canyon Project in Nevada**
 - Long Canyon will be 100% owned by Fronteer Gold
 - Increases district exposure with addition of AuEx's 49% stake in the West Pequop Project (51% Agnico-Eagle) and its interest in the South Pequop Project
- **Well funded for growth**
 - Pro forma cash balance of \$120mm+ ensures that Fronteer Gold maintains a strong treasury
- **Reaffirms our position as a dominant emerging Nevada gold producer**
 - Long Canyon, Sandman, Northumberland, West Pequop
 - Maintain exposure to AuEx exploration pipeline through 9.9% SpinCo stake



Strengthened production pipeline

We aim to build production by advancing these projects sequentially over the near-term



This conceptual chart represents an estimated timeline of each of the Company's projects. There is no guarantee a project will go into production.



Long Canyon

New gold trend

- Ounces are: high-grade; at-surface; oxide; near established infrastructure & local support; open in all directions
- Metallurgical recoveries in the 85-90% range*
- Resource estimate (based on 2009 drilling): ** 0.20 g/t cutoff, 672,000 ounces M&I (1.71 g/t avg) and 552,000 ounces inferred (1.65 g/t).

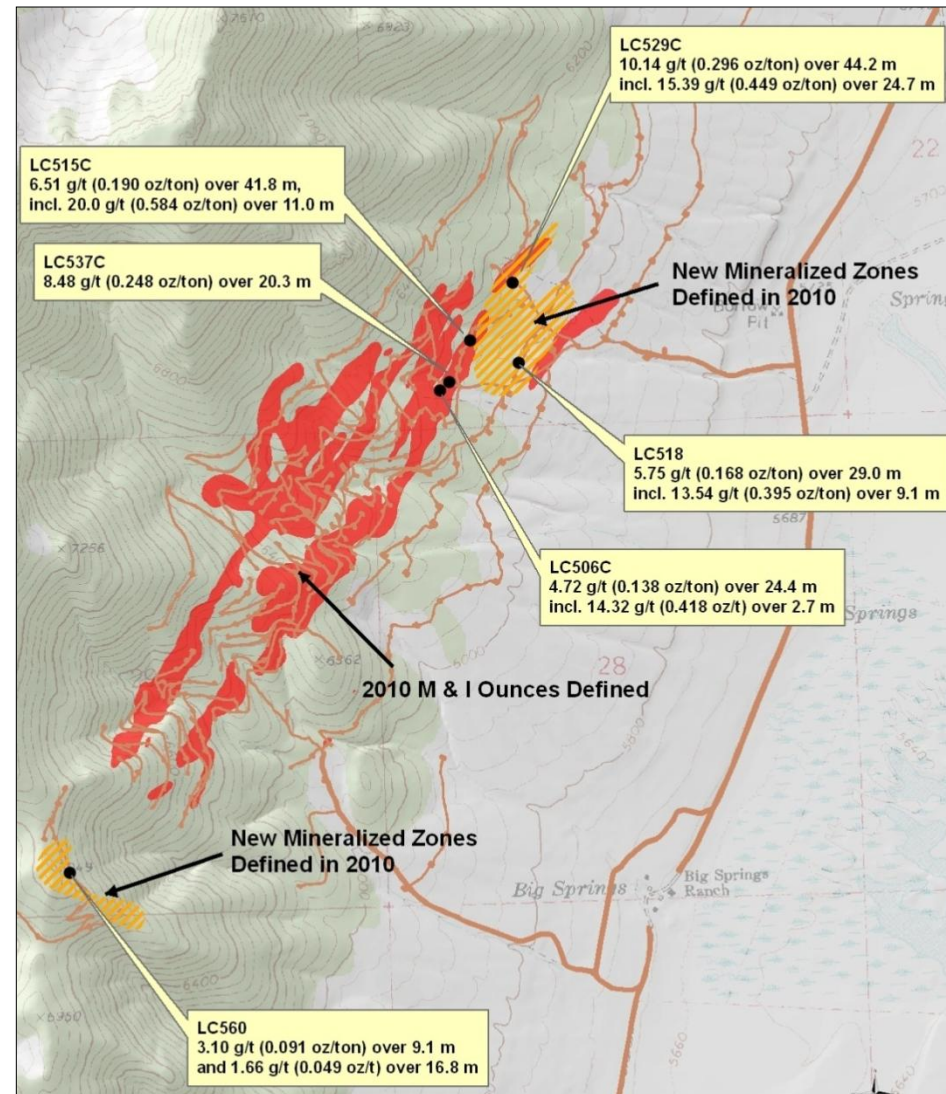


**See June 28, 2010 press release on SEDAR. **Resource table, including cut-offs, average grade and tonnes, included in appendix*

Long Canyon

Fast-tracking to production

- 70,000 metres of drilling focused on resource definition and expansion; five rigs currently in operation.
- Advancing project to feasibility and permitting stage:
Environmental, engineering and metallurgical studies all underway.



See Aug. 14, 2010 press release on SEDAR.



Northumberland

Successful past producer

- A Carlin-style deposit comparable to those in production in Nevada today.
- Successful open-pit past producer in '80s.
- Potential for significant annual production.
- 100% owned; private surface and mineral rights.





Northumberland

Mine planning

- Deposit advancing as a combined open-pit and underground mine.
- Construction of 280-metre long decline has begun to access high-grade mineralization within the deposit (planned completion: early 2011).
- Selectively underground mine the higher grade sulphide mineralization (recoveries up to 87%).
- Open-pit oxide and transitional mineralization.

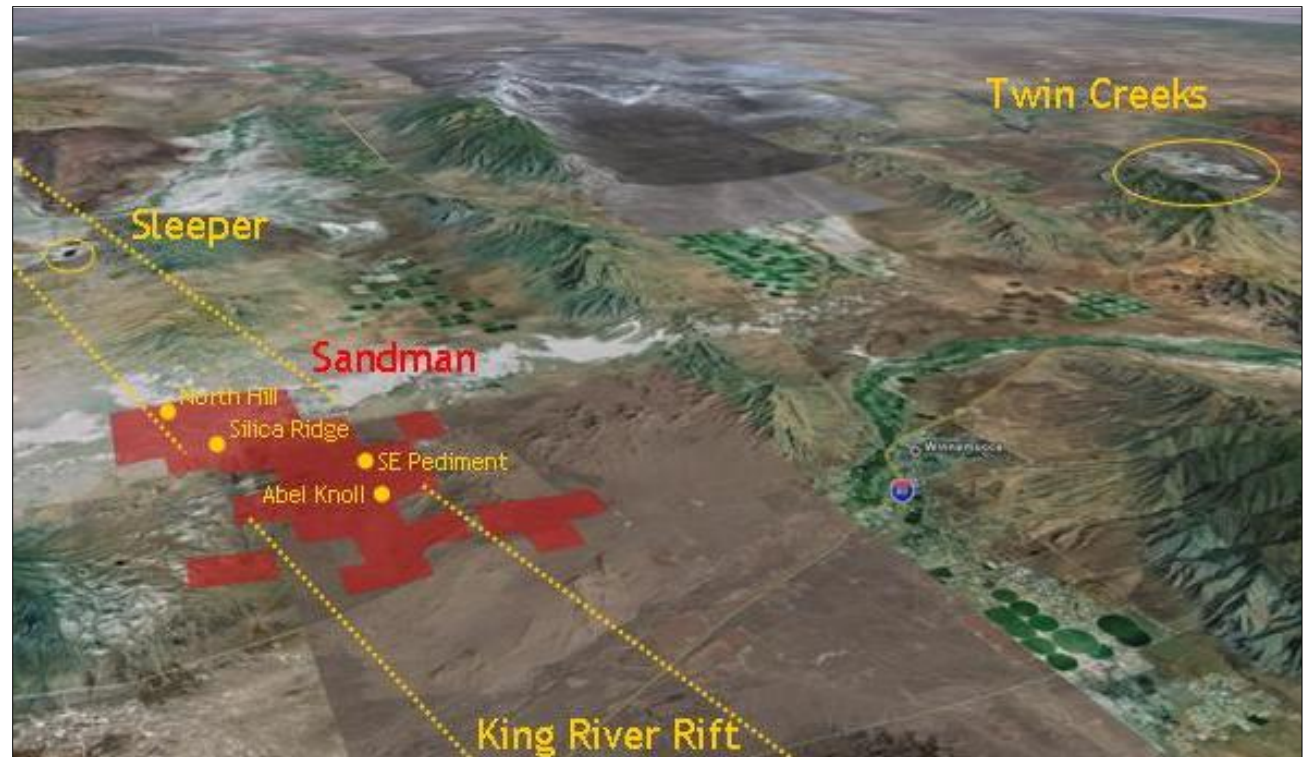




Sandman

Open-pit mineable

- JV with Newmont.
- At-surface, oxide gold mineralization.
- Expanded Plan of Operations approved: all four deposits and eight new targets to be drilled in 2010.



Sandman is within trucking distance to Twin Creeks mine, potentially eliminating the need for a stand-alone milling facility if the project were to proceed to production.



Sandman

Year 3

Newmont has option to make a production decision in June 2011.

- **Silica Ridge** - 74 holes, 4 column tests near completion, waste rock characterization and geotechnical evaluation in progress, and water data being collected
- **SE Pediment** - 72 holes, 4 column tests completed, waste rock characterization and geotechnical evaluation in progress, and water data being collected.
- **North Hill** - Phase One development drilling currently in progress with an initial 10-hole program.

Conducting a property-wide exploration with a Phase One drilling program of 53 holes in second half of 2010.

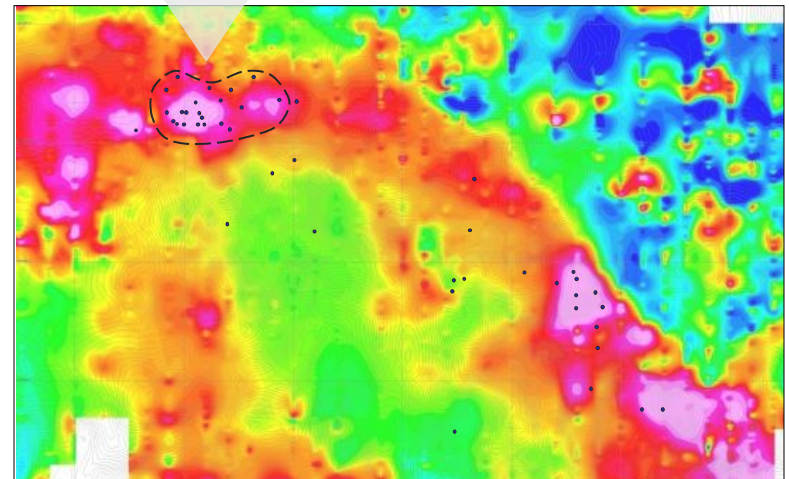
Halilaga

Significant copper-gold porphyry system

- First significant copper-gold porphyry ever found in Turkey.
- A “game changer” for district.
- Active mining jurisdiction - excellent infrastructure (power, roads, water).
- Ownership: 60% Teck / 40% Fronteer.
- High-grade supergene mineralization starting at, or near, surface.
- Recent hole: HD-54: 0.26 g/t gold & 0.33% copper over 646.5m, inc. 0.65 g/t gold & 0.89% copper over 106.8 m

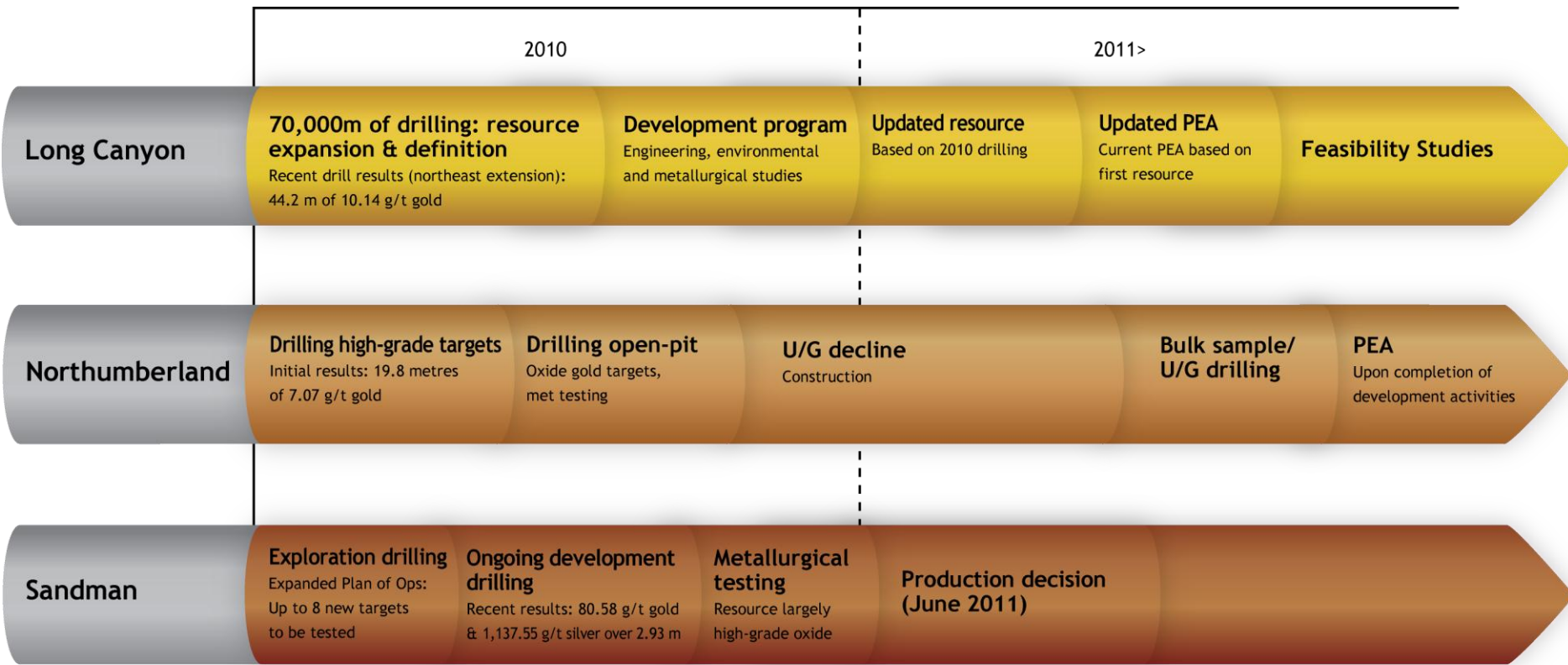


Power line running by Halilaga's discovery hole.



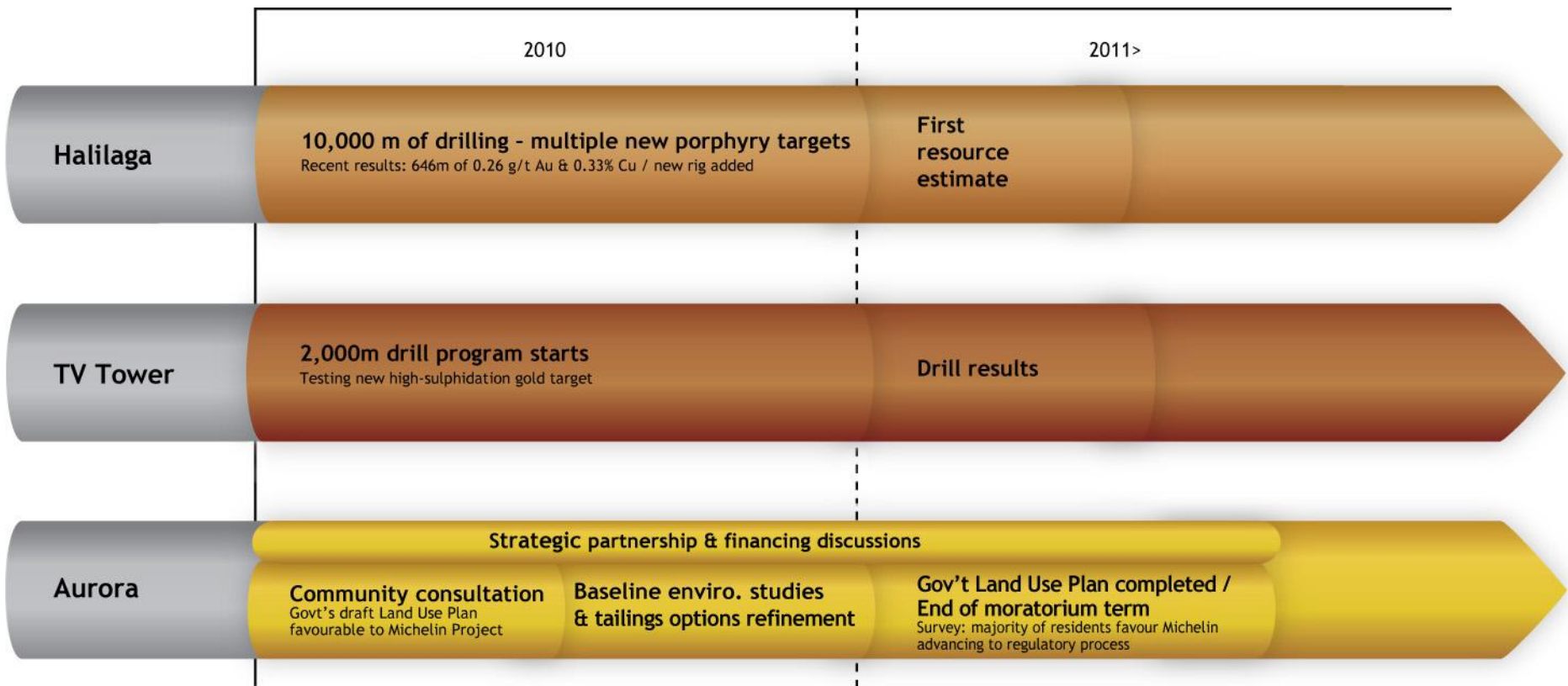
Catalysts & milestones

Nevada production platform now even stronger



Catalysts & milestones

Global projects to fuel gold growth





Delivering on our growth strategy

- An exceptional team with depth - exploration, operations, business development
- Acquisition
 - delivers 100% ownership of Long Canyon, a key strategic asset
 - consolidates a dominant position in the Pequops, Nevada's newest gold trend
- A large, growing resource-base upon which to build a strong production platform
- Strong balance sheet - no debt
- Targeting pathway to our goal of >300,000 oz/year production.