## **HIGHLIGHTS**

# **JAKE CREEK GOLD PROJECT**

Low-sulfidation gold mineralization in the Northern Nevada Rift. Midas analog.

R O G E N

orogenroyalties.com

### THE OPPORTUNITY

- Covered low-sulfidation epithermal system of unknown extent in the Northern Nevada Rift
- The system is open to the north, coincident with elevated gold in soils, and to the east, towards the rift marain
- Historical drill intercepts include 11.3 g/t gold over 1.5 metres within 45.7 metres of 0.96 g/t gold
- Untapped bonanza vein potential as feeder structures remain to be delineated and drill tested
- Analogous to Hecla's past-producing Midas Mine and new discovery at Green Racer

#### MINERALIZATION IS WIDE **OPEN TO THE NORTH AND EAST**

and has strong parallels to bonanza-grade vein systems nearby in the Northern Nevada Rift"



#### **SILICON GOLD PROJECT**

1% NSR with AngloGold Ashanti

**NEVADA** 

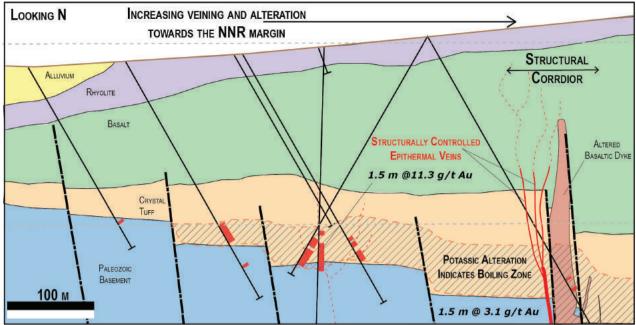
#### **JAKE CREEK PROJECT**

In Nevada, USA 120 km northwest of the town of Elko and 60 km northeast of Winnemucca.

#### **REGIONAL GEOLOGY**

Located on the western margin of the Miocene Northern Nevada Rift, which is a gold trend renowned for bonanza-grade, vein-hosted epithermal deposits. Jake Creek is in an analagous structural position to Hecla's Midas deposit (2.2 Moz gold and 27 Moz silver past producer; ongoing exploration).

#### 2010-2011 DRILL CROSS SECTION



## 1 km **North-Trending Mag High** Possible rift margin and untested vein target Legend Orogen Claim Outline **Drill Intercepts** (metres times grams gold) No Data No Significant Intercept 0 - 1.5 1.5 - 5 5 - 10.2 10.2 - 34.5 34.5 - 43.9

Untested Vein Target

North-trending mag high; elevated gold in soils

Legend

• 0 - 1.47

• 1.47 - 2.94

• 2.94 - 4.41

• 4.41 - 5.88

• 5.88 - 7.33

**Evolving Gold** 

Encouraging drill results

outside of the highest

gold-in-soil values

**Drill Fence** 

Orogen Claim Outline

Gold ppb in Ionic Leach Soils

#### **GEOLOGY OVERVIEW**

- Mineralization within siliceous veins hosted by Tertiary volcanics
- Unaltered volcanic rocks and alluvium overlie mineralization
- Property located on Northern Nevada Rift margin
- Potassium rich zone (indicative of boiling) corresponds with gold zones
- Mercury anomalism extends above gold zones

#### **UNTAPPED POTENTIAL FOR BLIND VEINS**

- High-angle feeder structures to low-angle, blind, minerallized zones have not been delineated by limited drilling
- Magnetic survey reveals north-trending lineaments that may correspond to the rift margin and constitute structural targets

#### **UNTESTED SOIL GEOCHEMISTRY TARGETS**

- Historical drill results (Evolving Gold, 2010-2011) are from a fence peripheral to the highest gold-in-soil values on surface
- The heart of the soil anomaly remains untested and coincides with a major structural target

This presentation includes certain statements that may be deemed "forward looking statements". Forward looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects", "plans", "anticipates", "believes", "intends", "estimates", "projects", "potential" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occur.

