



Resource  
Management

## Freeman Creek Project, ID

High Sulfidation Epithermal Gold and Silver

# Summary

## DGRM

- Canadian based, private, project generator
- Successful management with a track record of exploration discoveries
- Holds 100% interest in the Freeman Creek, ID Project

## Freeman Creek

### Gold Dyke Zone

- Large-tonnage near surface Au-Ag potential
- Historic workings; drill results include: **RDH 08: 44.2 m of 1.5 g/t Au and 12.1 g/t Ag**

### Carmen Creek Mine Prospect

- Au, Cu bearing exhalate zone, a few tens of meters thick
- Up to 14 g/t gold, 63 g/t silver and 1.2% copper reported

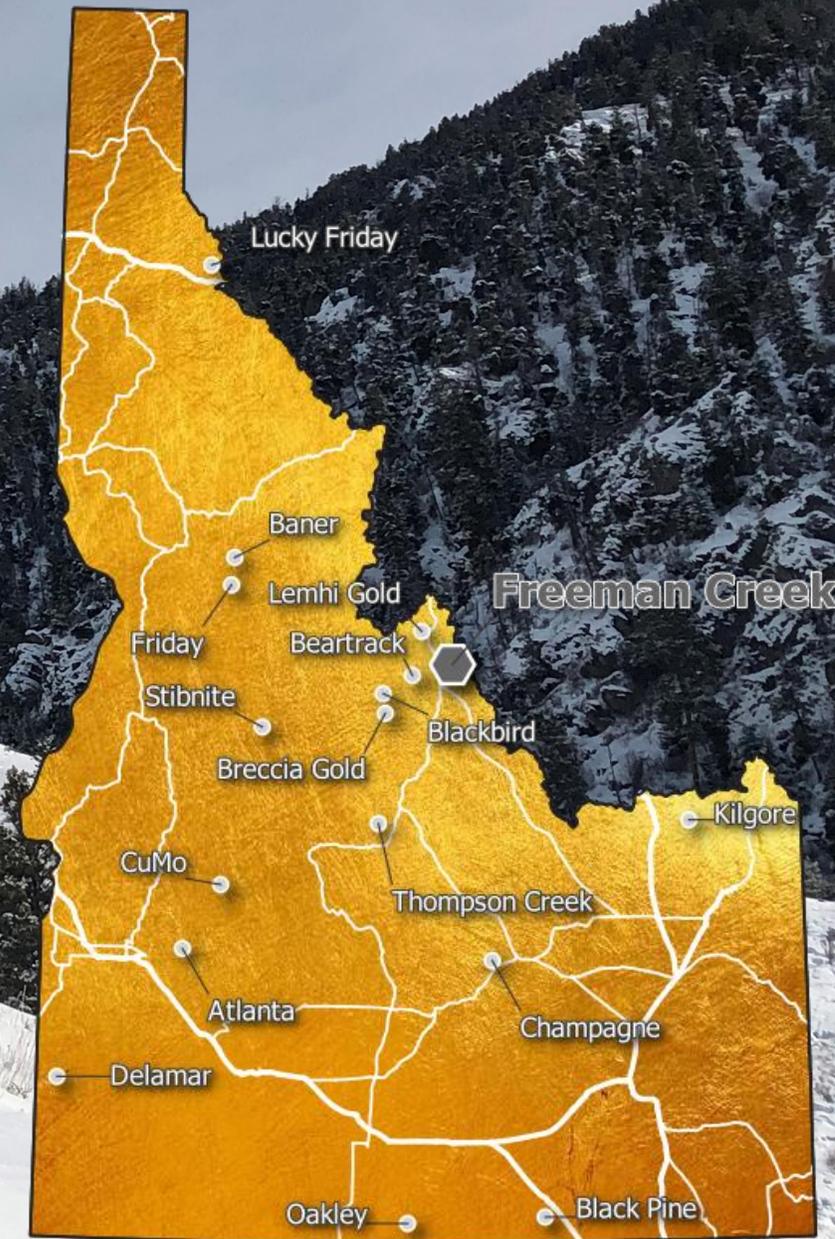
## Strategy

- Locate drill sites. Sample historic precious metal showings
- Soil geochemistry, ground geophysical surveys to confirm/determine historic correlation(s) with known mineralization
- Rapid drill permitting, extend known mineralization with further drilling



# Freeman Creek, Idaho

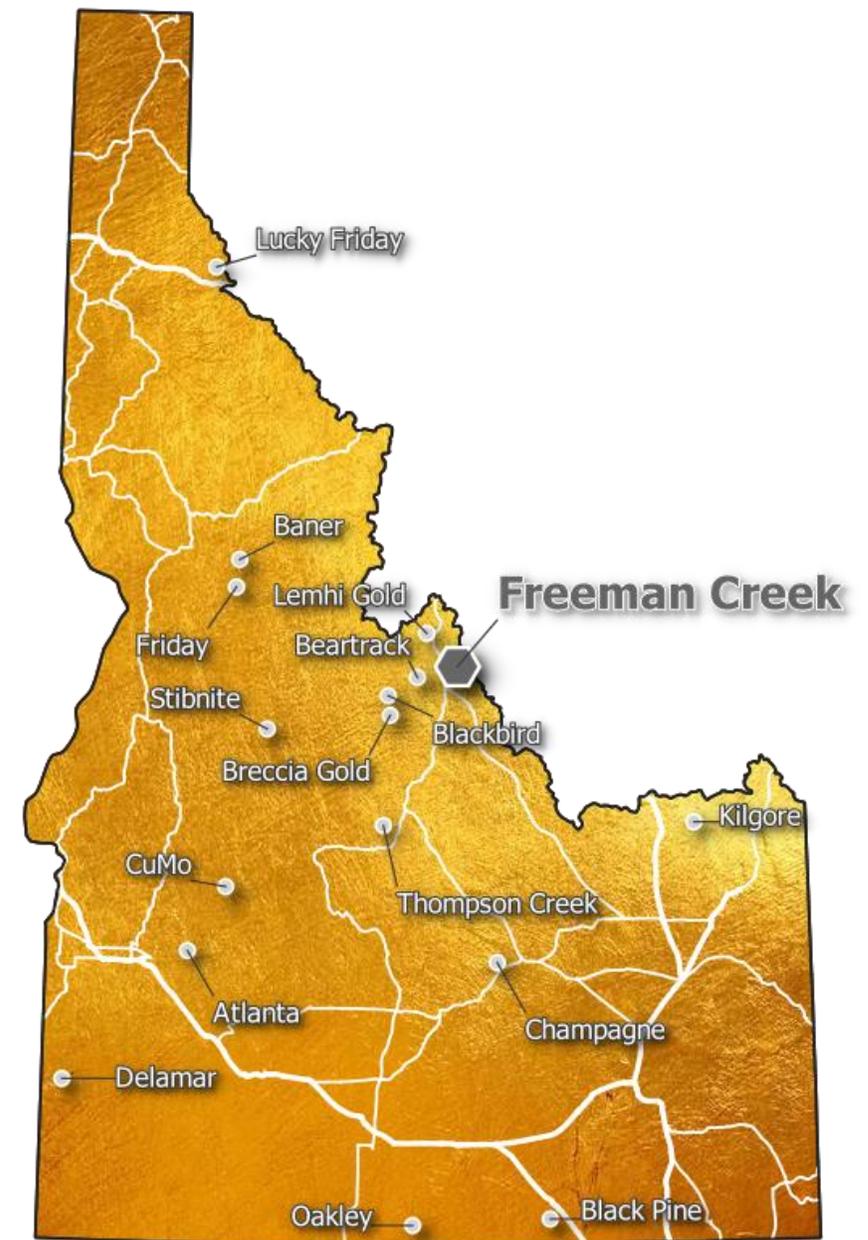
- The Freeman Creek Gold Property is situated about 20 km NE of Salmon, ID
- Acquired in 2020, the property is comprised of 76 lode mineral claims covering approximately 615 ha
- The property is entirely on BLM lands, where permitting for exploration is expected to be simple
- Access is by public roads on a year-round basis
- The Property encompasses two historic zones of precious metal mineralization the **“Gold Dyke Zone”** to the southwest and **“Carmen Creek Mine”** to the northeast



# Location – Idaho, USA

- Idaho is the #8 ranked jurisdiction worldwide for Mining Investment Attractiveness, #3 in North America\*
- Idaho has low geopolitical risk with a well defined permitting process
- Strong community and political support for mineral exploration and development
- Significant investments by **Gold Explorers**
  - Midas Gold (Stibnite Project)
  - Revival Gold (Beartrack Project)
  - Integra Resources (Delamar Project)
  - Liberty Gold (Black Pine Project)

\* Fraser Institute (2019)



# Gold Transactions, Idaho

- Idaho-Montana are host to a unique metallogenic province associated with the Trans-Challis Fault system; with a long history of both hard-rock and placer **gold mining**
- During 2019, gold exploration produced a number of significant discoveries, these include Liberty Gold's drilling of 53.3 m of 4.39 g/t Au at Blackpine.
- Financings for Idaho or Idaho related exploration companies during the last half of 2019 exceeded \$70 million
- During early 2020 numerous financings and transactions for Idaho related precious metal assets were concluded, notable activity includes:
  - Centerra Gold JV of Oakley Project
  - Excellon buyout of Otis Gold
  - Midas Gold \$US 35 million financing

## 2019

- **June**
  - Idaho Champion closes \$1.8 million financing
  - Midas Gold closes \$19.9 million bought deal
- **September**
  - Liberty Gold closes \$15.8 million bought deal
- **November**
  - Integra Gold closes \$US 5 million with Coeur Mining Inc.
  - Integra Gold closes \$25.3 million bought deal
  - Freeman Gold (Lodge Resources) completes IPO

## February 2020

- GoldMining purchases Almaden Gold Project
- Idaho Champion closes \$1.8 million financing
- Hawkstone Mining acquires Long Pine Project

## March, 2020

- Centerra Gold options up to 70% of Oakley Project, for \$7 million
- Midas Gold closes \$US 35 million Debenture Financing
- Revival Gold closes \$1 million financing

## April, 2020

- Excellon closes purchase of Otis Gold

## May, 2020

- Galleon Gold closes \$3.2 million placement
- Ely Gold closes \$17.3 million placement
- Freeman Gold closes \$1.49 million placement
- Endomines completes first gold concentrate shipment, Friday, Mine



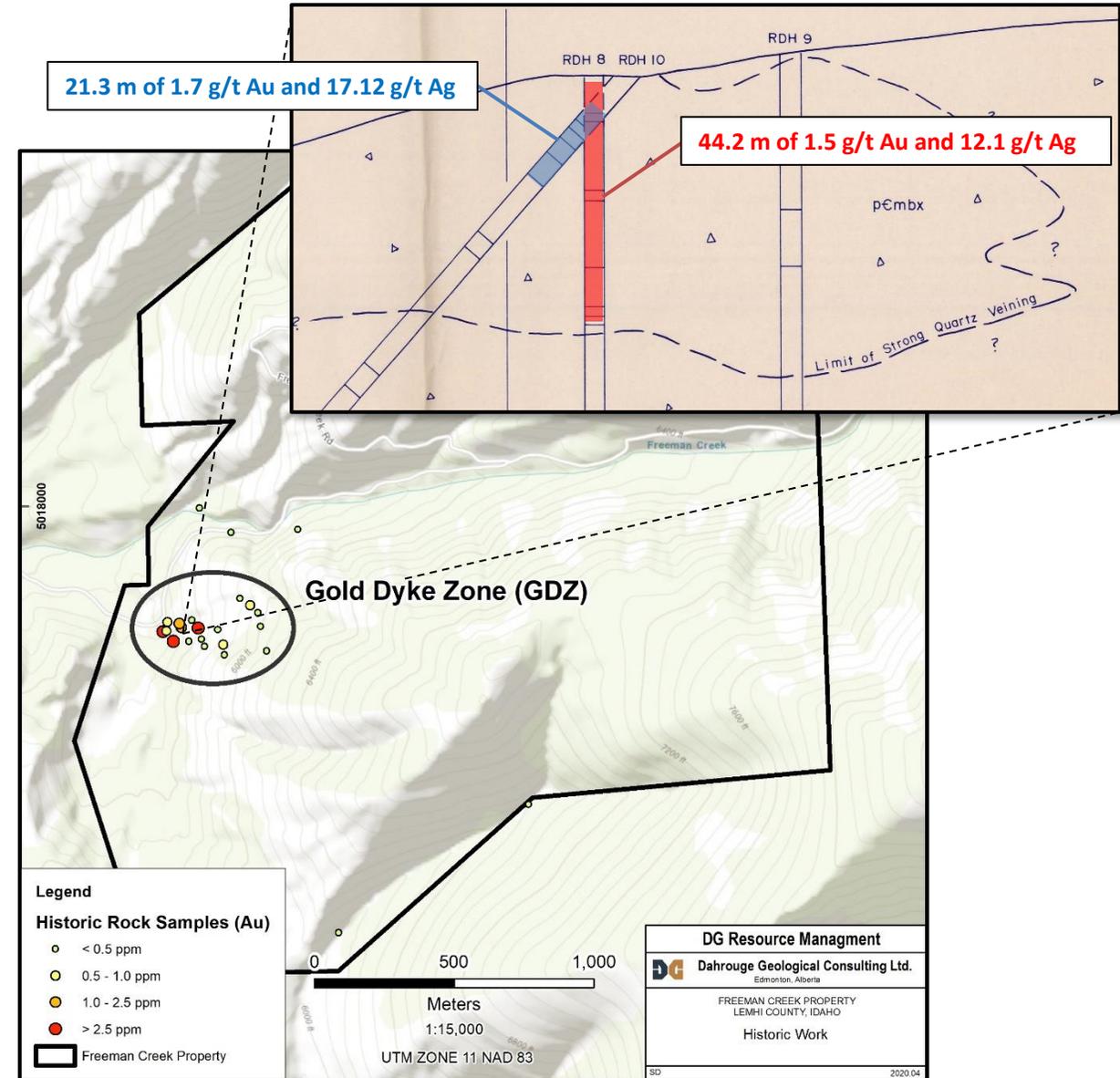
# Freeman Creek - History

## Gold Dyke Zone

- 1910's: three adits, drilling and several open cuts represent the earliest known work
  - Trench sample: **7.0 m of 6.86 g/t Au and 198 g/t Ag**
  - Trench sample: **5.8 m of 5.49 g/t Au, 130 g/t Ag, 0.2% Cu, 3.71% Zn**
  - Trench Sample: **3.7 m of 19.9 g/t Au, 65 g/t Ag, 1.05% Cu, 10.7% Zn**
  - Drill hole #2: **3.1 m of 4.25 g/t Au and 37.71 g/t Ag**
  
- 1970's: 2 drill holes
  - Hole #1: **13.7 m of 0.46 g/t Au, 7.12 g/t Ag and 0.10% Cu.**
  
- 1980's: Several rotary drill holes by St Joe American Corp
  - RDH 08: **44.2 m of 1.5 g/t Au and 12.1 g/t Ag**
  - RDH 10: **21.3 m of 1.7 g/t Au and 17.12 g/t Ag**
  
- 1990's: records of Cominco and BHP exploring the property for large-tonnage copper potential, but no records of this work exist

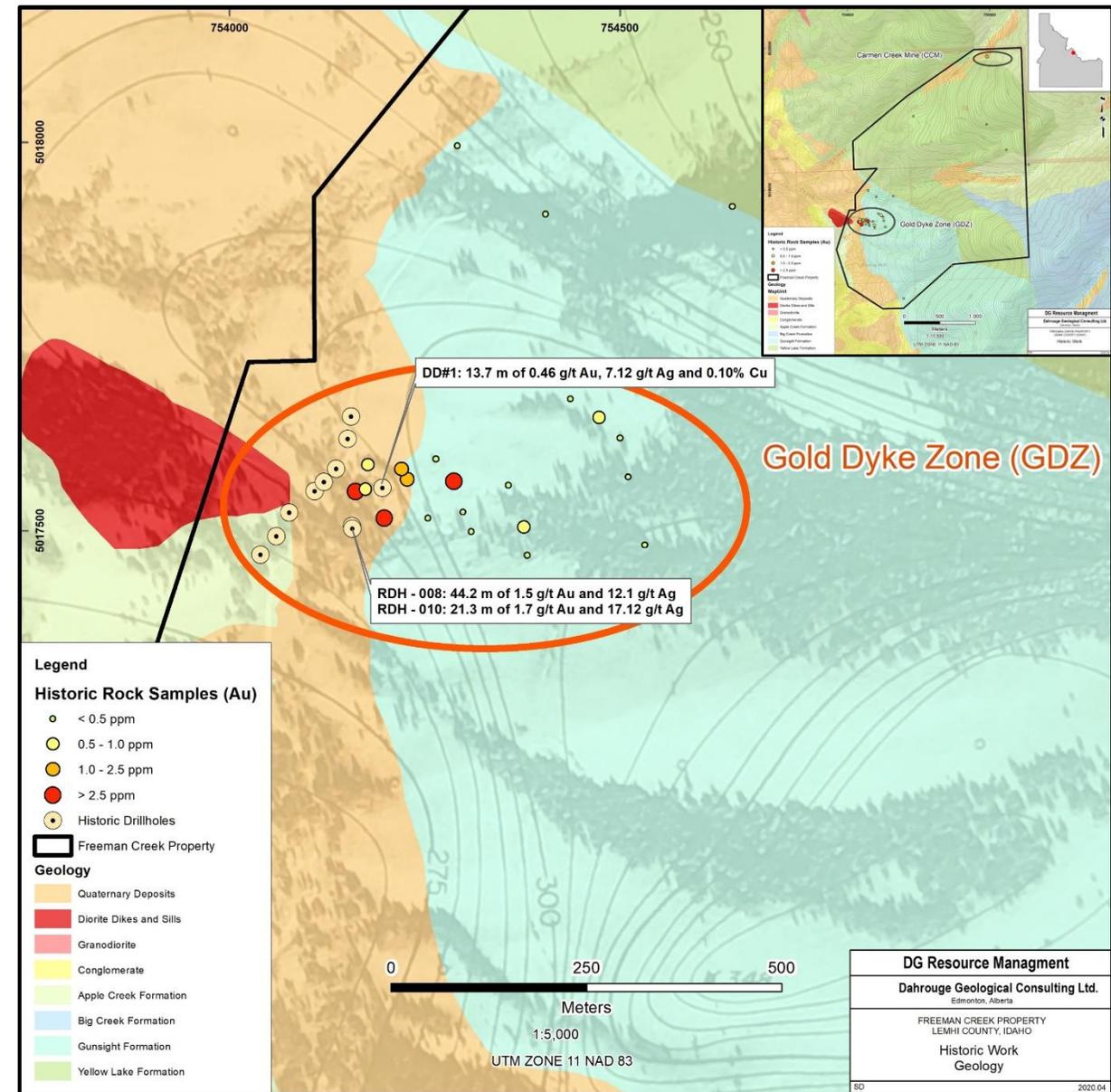
## Carmin Creek Mine Area

- 1910's: Mine developed (few to no records of mine development exist)



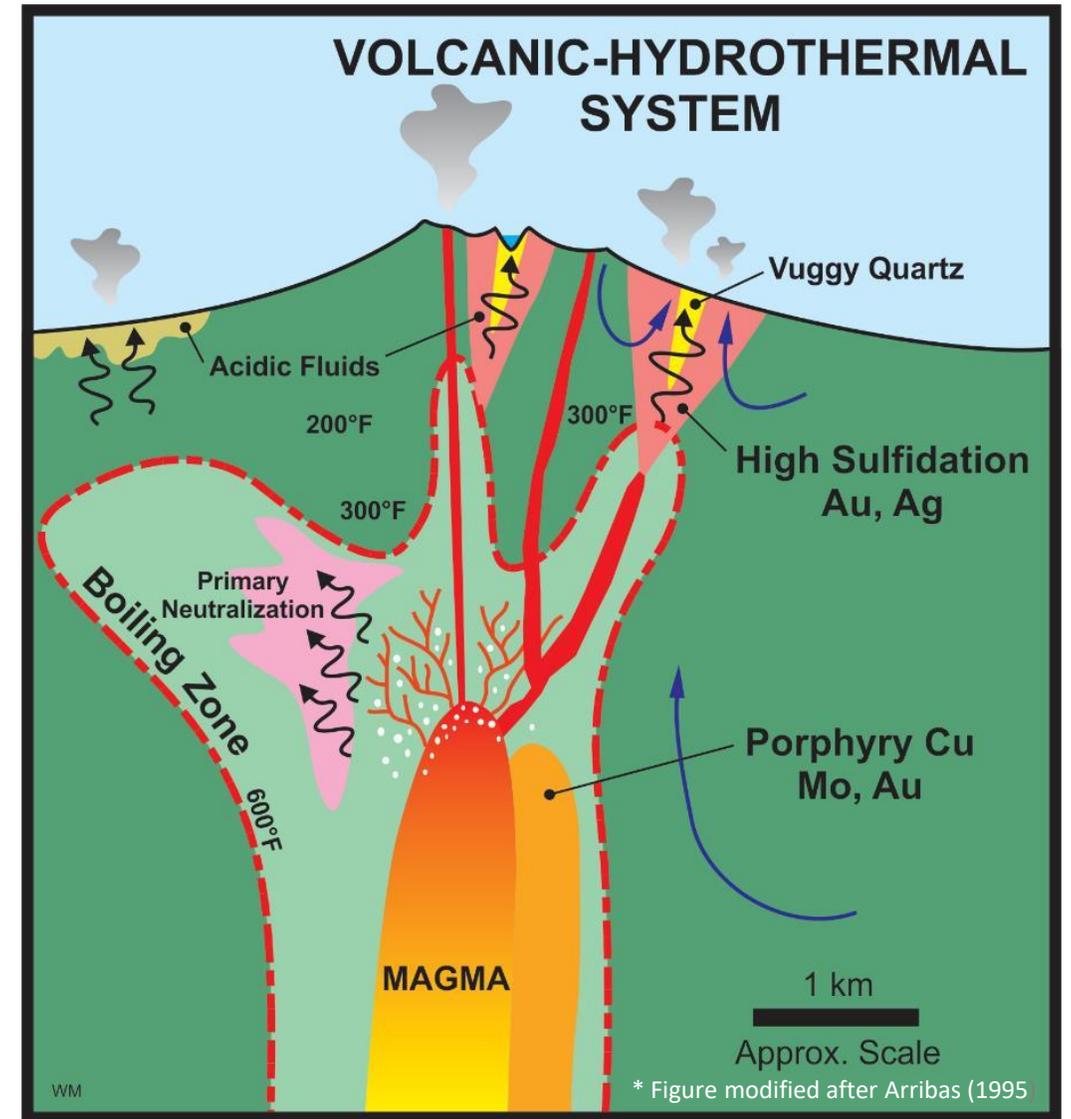
# Gold Dyke Geology

- Mineralization appears to be the result of a hydrothermal alteration system (High Sulfidation Epithermal). Disseminated pyrite, chalcopyrite, galena and sphalerite are hosted within Precambrian Lemhi Group quartzites (Gunsight Formation).
- A zone of diorite dikes and sills sits west of the GDZ and may be related to mineralization.
- Brecciation of the Gunsight Formation on surface to the south of the GDZ and at depth, has been reported. Historic assays of this material are not available.
- A magnetic anomaly is orientated in a general northwest-southeast direction. This historic anomaly appears to align with the GDZ.



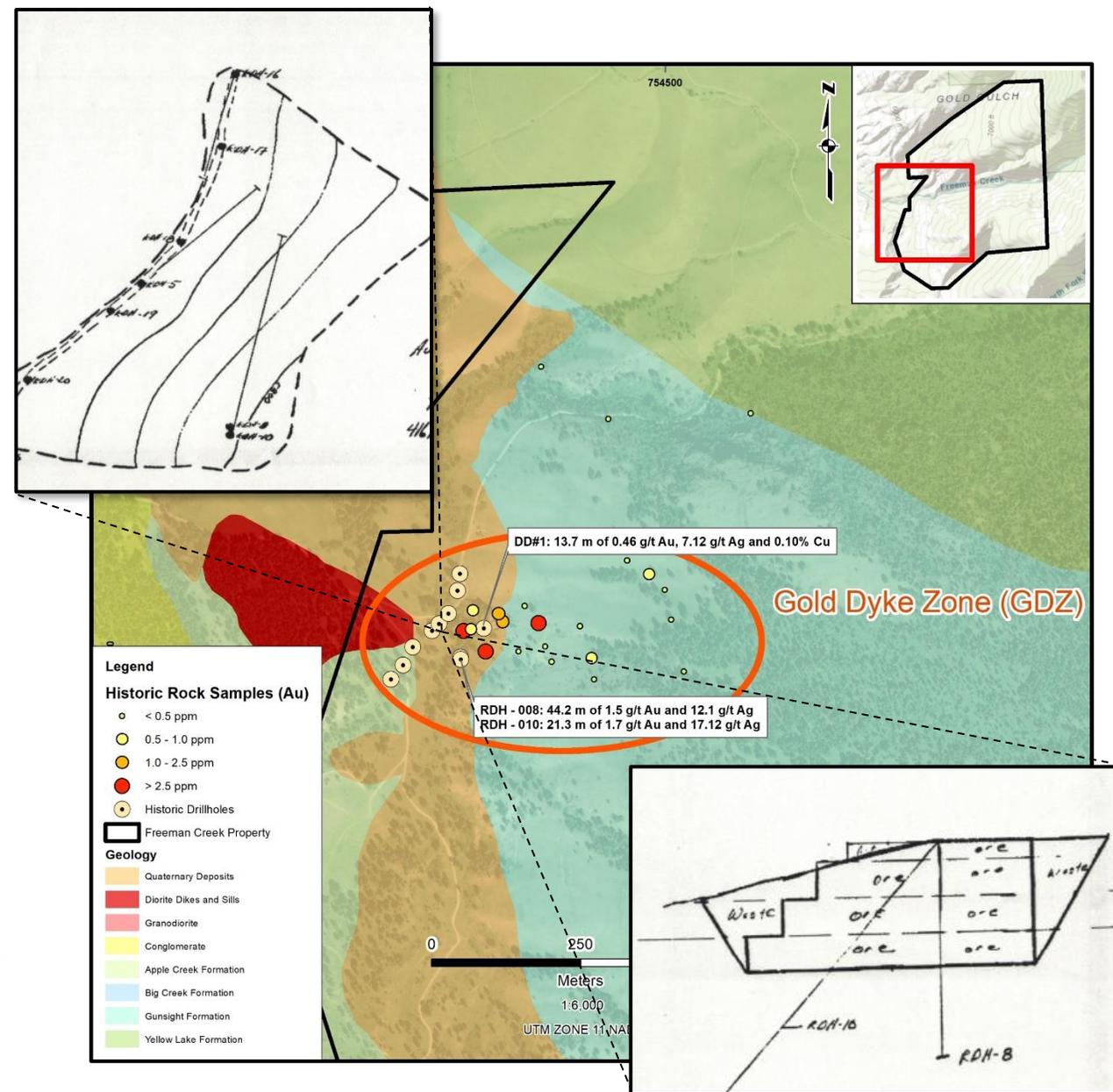
# High-Sulfidation Deposit Type

- High-sulfidation (HS) gold systems generally form a vertical continuum from a shallow epithermal setting downward to porphyry Cu/Au deposits
- The term “HS” generally refers to the highly oxidized state of sulfur within the hydrothermal system
- A ubiquitous alteration feature of HS deposits is the presence of fracture controlled vuggy silica, which is formed by intense acid leaching
- Deposits display a wide range of styles of mineralization including disseminations, hydrothermal breccias, stockworks and veins
- Deposits can exceed 40 million ounces, with grades in excess of 1 g/t Au, 20 g/t Ag



# Gold Dyke Mineralization

- The “Gold Dyke” zone at Freeman Creek has been tested with only a limited number of shallow, rotary drill holes (< 150 metres).
- A small historic resource (**Not 43-101 Compliant**) of about 400,000 tonnes at an average grade of 1.95 g/t Au Eq. (HB files 1987), containing about **20,000 oz of gold and 190,000 oz of silver**, was estimated.
- The resource geometry is based solely off exposed adits and surfaces free of overburden, thus does not extend to depth or on trend.
- The historic mineralization has potential for expansion to the east, consistent with geochemical anomalies.
- Previous operators suggested potential for upwards of **15 Mt of mineralized material** (Preliminary Report of Porphyry Dike 1962).
- The mineralization is capped by a gossan several feet thick with a **1500 ft strike and 600 ft vertical** surface expression. The mineralization strikes NW-SE and dips at an angle of 70°E.

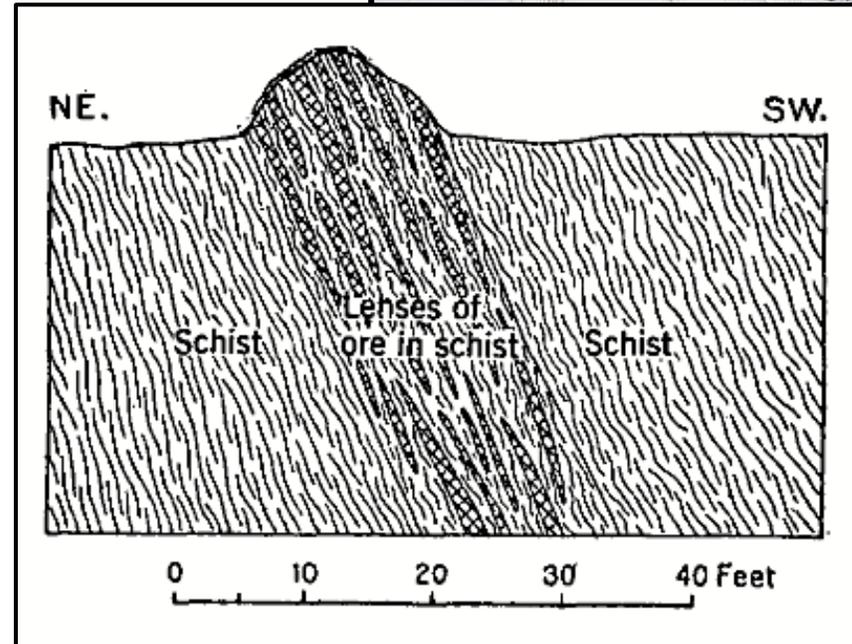
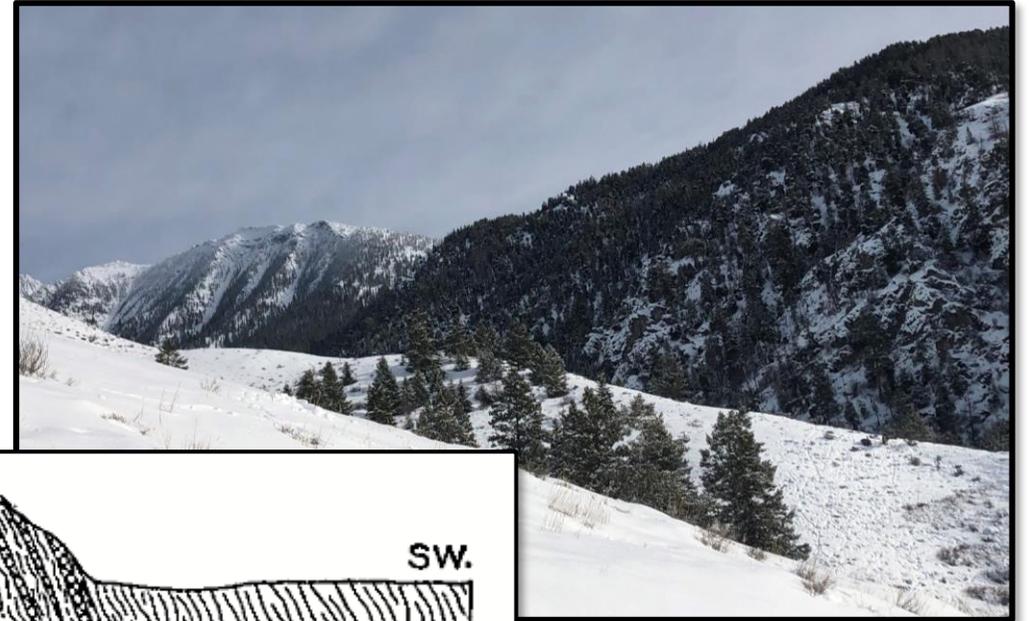


# DC Resource Management

Suite 103, 10183 – 112 Street  
Edmonton, AB T5K 1M1  
Tel: 780-434-9808

[www.dgrm.co](http://www.dgrm.co)

Jody Dahrouge  
Email: [jody@dahrouge.com](mailto:jody@dahrouge.com)



Carmen Creek Vein (Umpleby, 1913)

May 26, 2020

