

# ACTIVEX LIMITED

GILBERTON GOLD PROJECT-THE FORGOTTEN GOLDFIELD

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MINES and WINES ORANGE May 2022

# Gilberton Gold Project – We thought it was the dry season??







#### **Gilberton Gold Project - Disclaimer**

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The information in this presentation relates to exploration results and is based on information compiled by Mr Mark Derriman, Member of the Australasian Institute of Geoscientists (MAIG 1566). Mr Derriman has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activities which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.

# Gilberton Gold Project – Team Members Past and Present

The following geologists have played considerable roles in the understanding and advancement of the Gilberton Gold Project over many years

#### **ActivEX Geologists Past and Present**

Doug Young Juli Hugenholtz Jose Veracruz Josh Leigh Shaun Anderson Jane Harvey Sean Ke – Current Exploration Manager

#### Klondike and TerraSearch Geologists

Gregg Morrison Harry Masterson Simon Beams

If I have left anyone out my sincere apologies

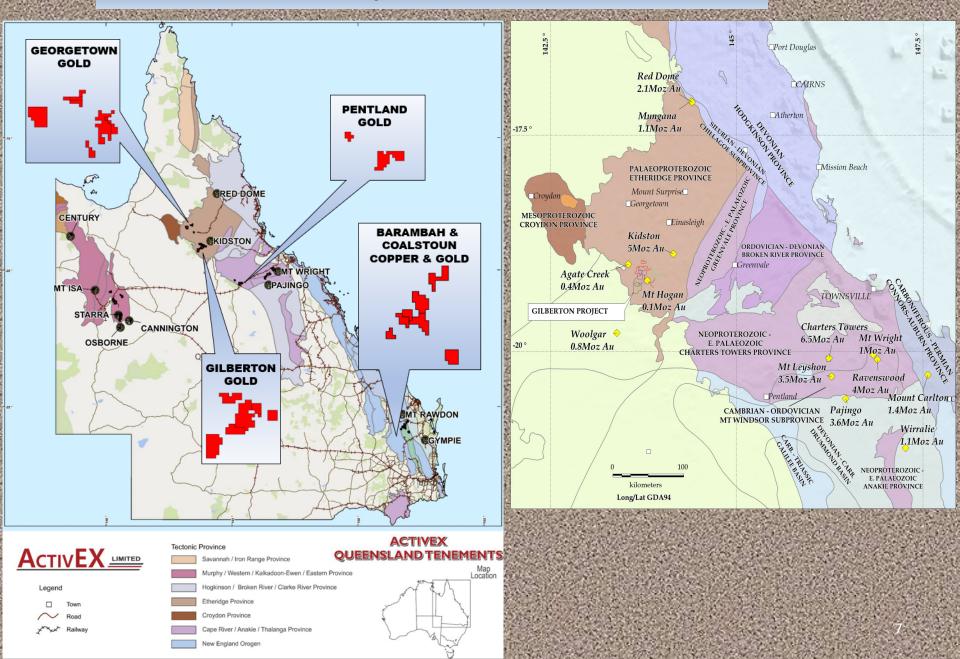
### **Gilberton Gold Project – Long History European Settlement**



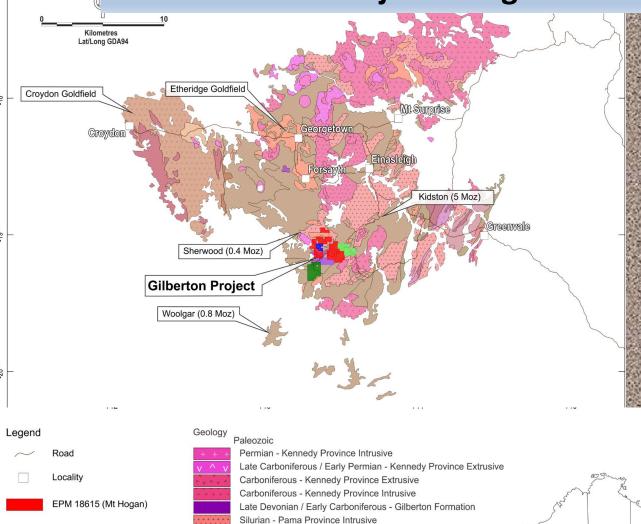
# **Gilberton Gold Project-"The Prize"**

Gold nuggets found by local prospectors within the Gilberton Project

#### **Gilberton Gold Project – Where is it??**



#### **Gilberton Gold Project – Regional Geology**



Ordovician - Netherwood and Saddington Tonalite

Neoproterozoic / Cambrian Mafics and Ultramafics

Mesoproterozoic / Neoproterozoic Inorunie Group Mesoproterozoic - Esmeralda Supersuite

Mesoproterozoic - Croydon Volcanic Group Mesoproterozoic - Etheridge Province Intrusive Palaeoproterozoic - Metamorphic Basement

Mesoproterozoic - Langlovale Group

Neoproterozoic / Cambrian Halls Reward Metamorphics

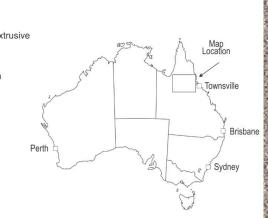
Precambrian

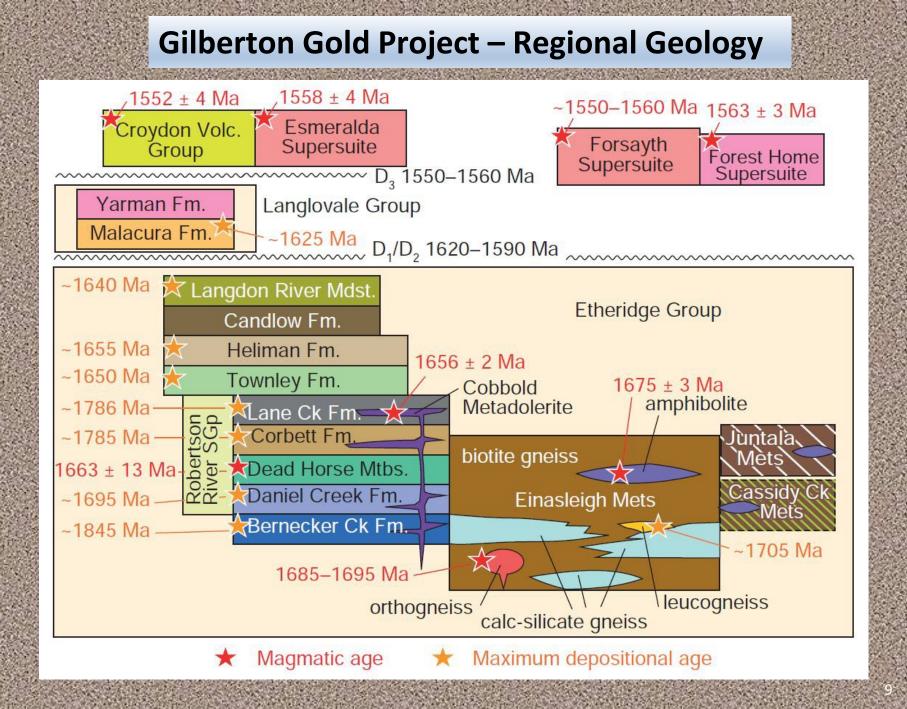
EPM 18623 (Gilberton)

EPM 19207 (Percy River)

EPM 26232 (Gum Flat)

EPM 26307 (Split Rock)

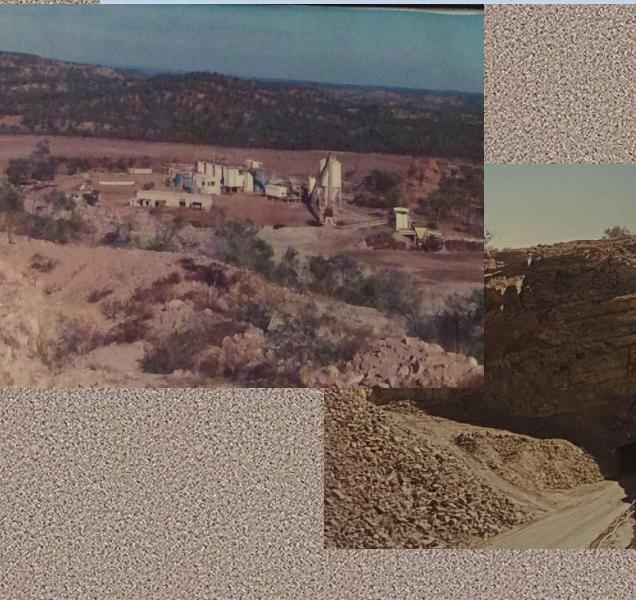




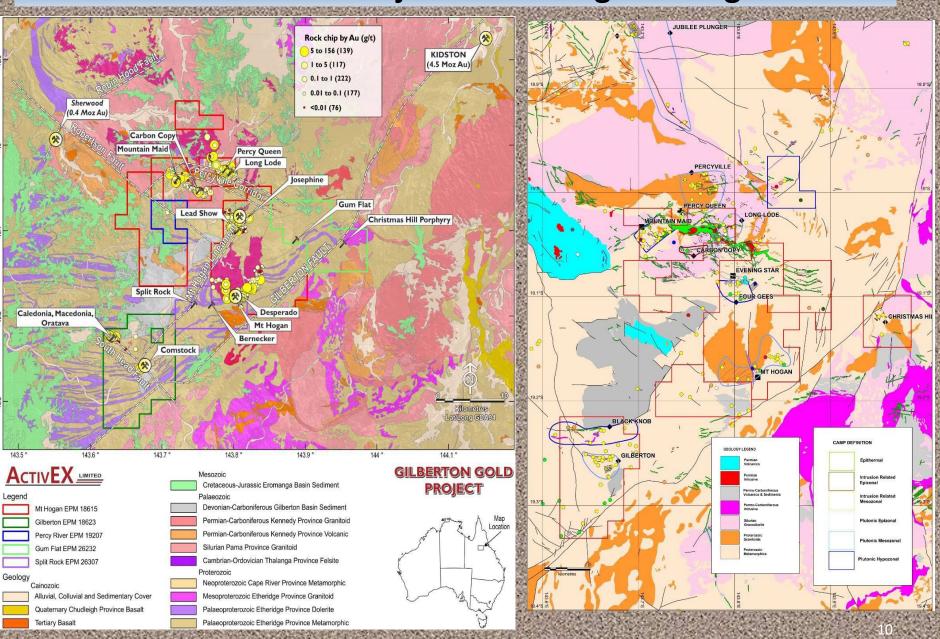
# **Gilberton Gold Project - Overview**

- Highly gold endowed gold province
- ➤ Recent gold production in the 90's by Eltin Minerals included:
- Josephine Mine(open cut) 65Kt @ 4.1g/t (8K oz) and Mt Hogan Mine (opencut and underground) 405Kt @ 5.5g/t (70K oz). Both are assets of AIV and are key targets in the ongoing exploration especially given the high grade nature of the gold ore.
- Recently completed project wide lithostructural interpretation based on 50m line spaced airborne magnetic/radiometric geophysical survey with several high priority targets identified.
- Regional metallogenic study completed with several styles of mineralisation identified and their associated geological/geochemical signatures
- Unmined Non JORC resources in the vicinity of the Mt Hogan open pit between 10K and 20K oz Au
- Significant down dip and along strike in addition to deeper untested mineralised lodes potential beneath the Mt Hogan and Josephine Open Pits (assets of company) to be evaluated by ground geophysical surveys
- ➤ 4,000m RC/Core Drill currently in progress and more planned for 2022

# Gilberton Gold Project – Eltin Minerals Era mid 1990's - 2 year operation



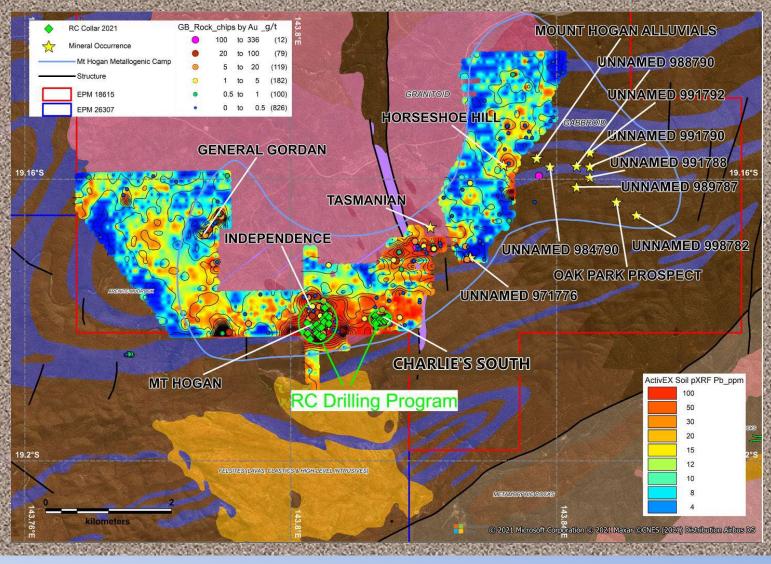
#### **Gilberton Gold Project – Metallogenic Targets**



#### **Gilberton Gold Project – Lithostructural Targeting**



# Gilberton Gold Project- Using other elements to assist



#### Ag-As-Au-Bi-Cu-Hg-Mn-Mo-Pb-Sb-Se-Te-W-Zn-Suggested Multielement Suite G Morrison

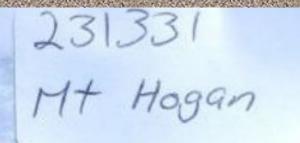
#### **Gilberton Gold Project – Granite Altered and Unaltered**



### **Gilberton Gold Project – Not just flat lying lodes**

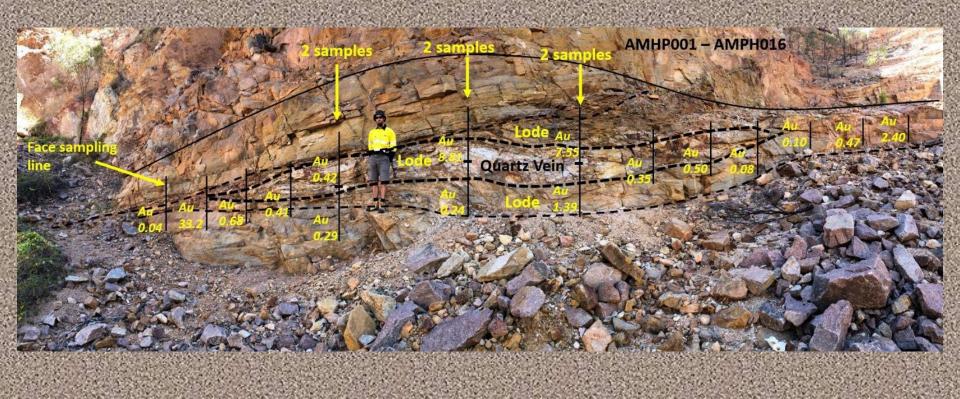
## **Gilberton Gold Project – Mt Hogan Ore**

cm



Early medium grained buck quartz fractured brecciated and recrystallised. open space filled by pyrite galena and chalcopyrite 336g/t Au 4989/t Ag

# Gilberton Gold Project-Mineralised Lode left behind Exploration in the Shadow of the Headframe

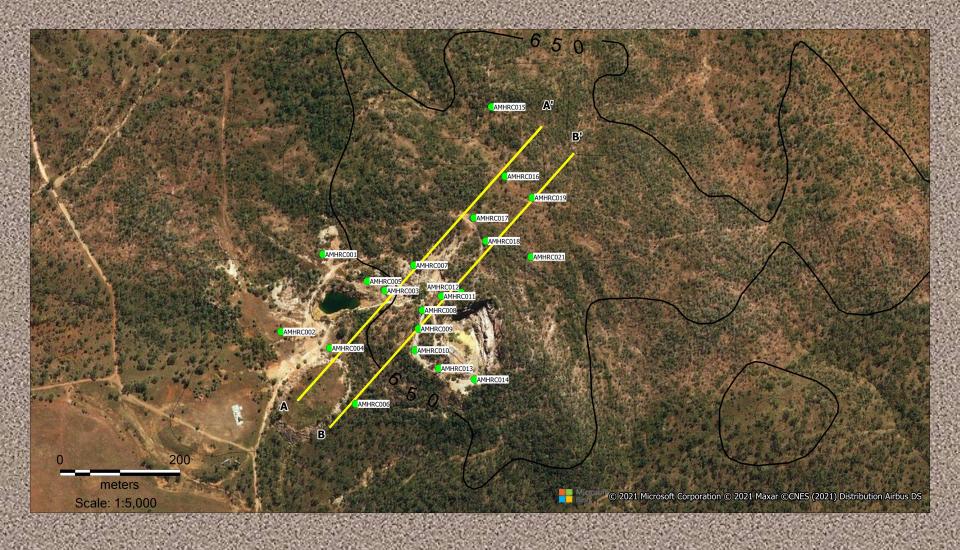


Face sampling in the Mt Hogan Open Pit returned assays to 33.2g/Au within SW shallow dipping auriferous quartz lodes

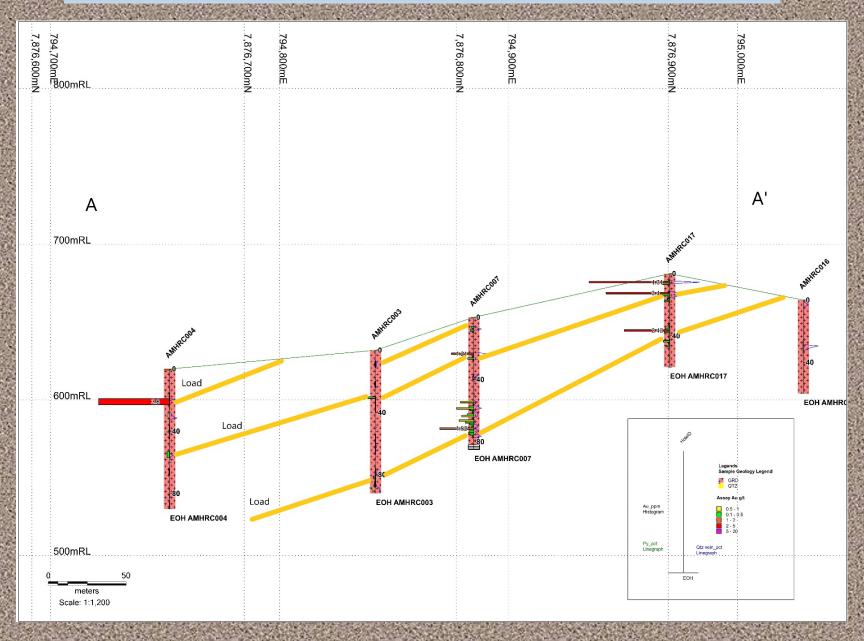
#### **Gilberton Gold Project- All Successes need a Team**



# **Gilberton Gold Project – Mt Hogan Phase Drilling**



#### **Gilberton Gold Project – Mt Hogan Cross Section**



# Gilberton Gold Project – Significant Au Intersections – 2021 RC Drilling Program

AMHRC004 4m @3.8g/t Au (from 19m, 4 metre composite) **AMHRC005** 3m @3.86g/t Au (from 101m), including 1m @9.78g/t Au (from 101m) 1m @4.23g/t Au (from 109m) **AMHRC009** 2m @4.27g/t Au (from 80m), including 1m @6.96g/t Au (from 80m) AMHRC010 2m @4.97g/t Au (from 57m) AMHRC011 9m @0.66g/t Au (from 32m) **AMHRC013** 4m @2.13g/t Au (from 72m), including 1m @6.27g/t Au (from 72m) AMHRC014 1m @9.44g/t Au (from 11m) **2m @1.51g/t Au** (from 25m) **4m @4.51g/t Au** (from 52m), including 1m @13.75g/t Au (from 53m) 4m @1.25g/t Au (from 76m) AMHRC017 1m @4.31g/t Au (from 5m) **1m @3.4g/t Au** (from 12m) 1m @2.42g/t Au (from 36m) 4m @1.25g/t Au (from 76m)

AMHRC018 1m @6.7g/t Au (from 2m)

## **Gilberton Gold Project – Where to Next??**

- 4,000m RC/Core Drilling currently in progress along southern margin of Mt Hogan Granite targeting areas of veining and alteration using 1,1000 scale geological mapping
- 2. Further 8,000m of RC drilling in 2022 continuing to explore the southern margin of the Mt Hogan Granite in addition to drilling in the vicinity of the Josephine historical open cut to the north of Mt Hogan.
- 3. Ongoing surficial geochemical and geological exploration of other metallogenic targets within the Gilberton Gold Project.
- 4. Initial surficial geological and geochemical exploration of tantalum occurrences within the project for LCT enriched pegmatites.
- 5. Ongoing engagement with all stakeholders





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