



## ASX Announcement and Media Release

17 April 2019

### **KALAMAZOO INCREASES EXPLORATION TENURE IN VICTORIAN GOLDFIELDS WITH SOUTH MUCKLEFORD GOLD PROJECT APPLICATION**

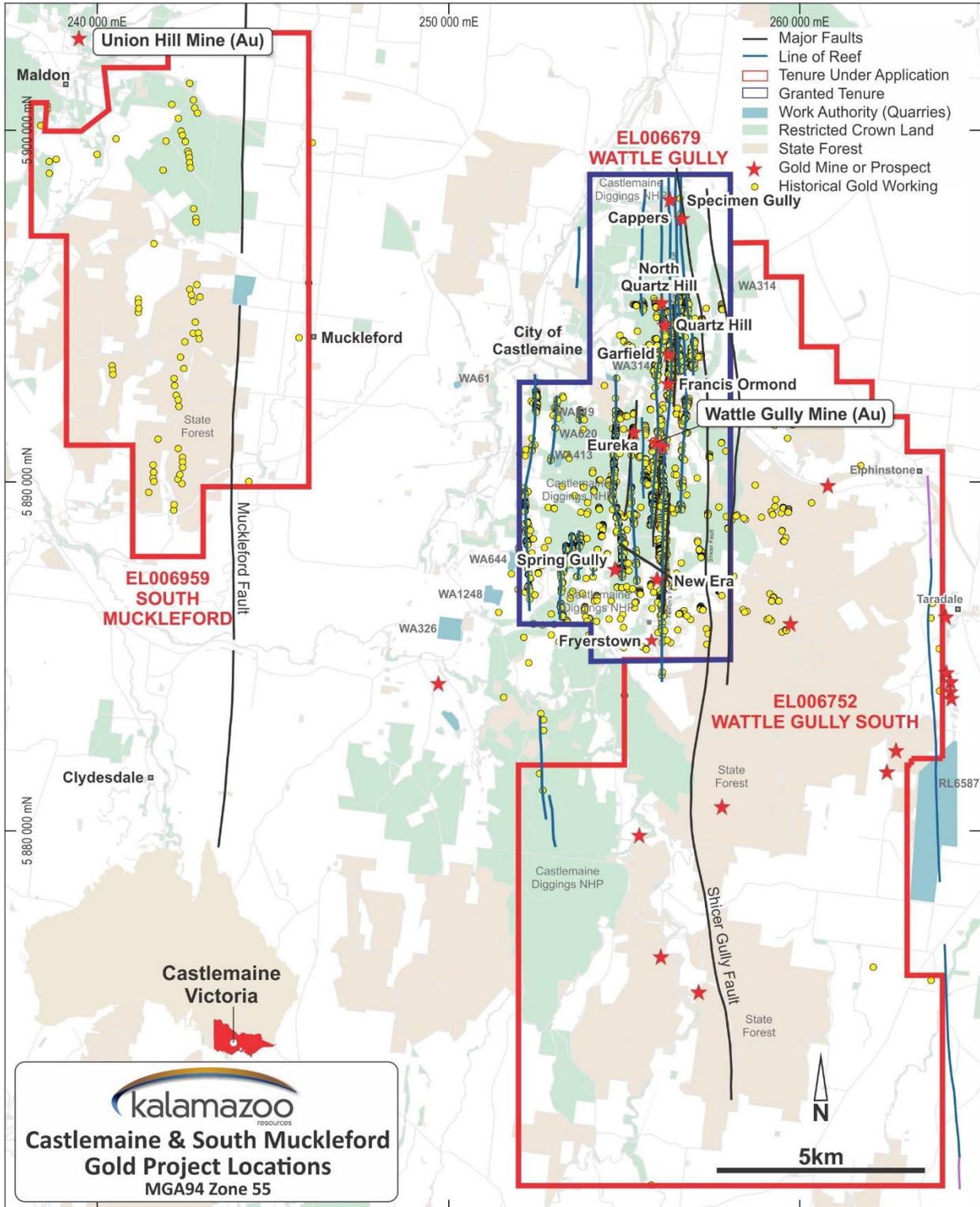
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#### **HIGHLIGHTS**

- Kalamazoo has applied for an Exploration Licence across the southern section of the highly prospective Muckleford Fault, south of Maldon in Victoria
- Highly prospective gold field with proven endowment near regional fault (source) i.e. the Muckleford Fault
- Majority of the ELA is located on Crown Land and away from populated areas
- No younger sedimentary cover which enables easier, cheaper and quicker exploration
- The area has received only limited, shallow drilling and has not been subjected to systematic modern exploration techniques such as ground geophysics and airborne surveys
- Located only 10 kms from Kalamazoo's Castlemaine Gold Project

Kalamazoo is pleased to announce it has lodged a new Exploration Licence Application EL006959 "South Muckleford" (~84 km<sup>2</sup>) located in the Maldon goldfield in Victoria (see Figure 1). This ELA covers the highly prospective regional Muckleford Fault and adjacent historical workings to the west (i.e. hanging-wall position) as well as the southern strike extent of the Union Hill Gold Mine. The ELA contains numerous historical gold workings coincident with prospective 2<sup>nd</sup> and 3<sup>rd</sup> order faults associated with the regional Muckleford Fault. The historical gold workings reveal linear trends indicative of lines of lodes/reefs like that are found in the nearby Castlemaine Gold Project.

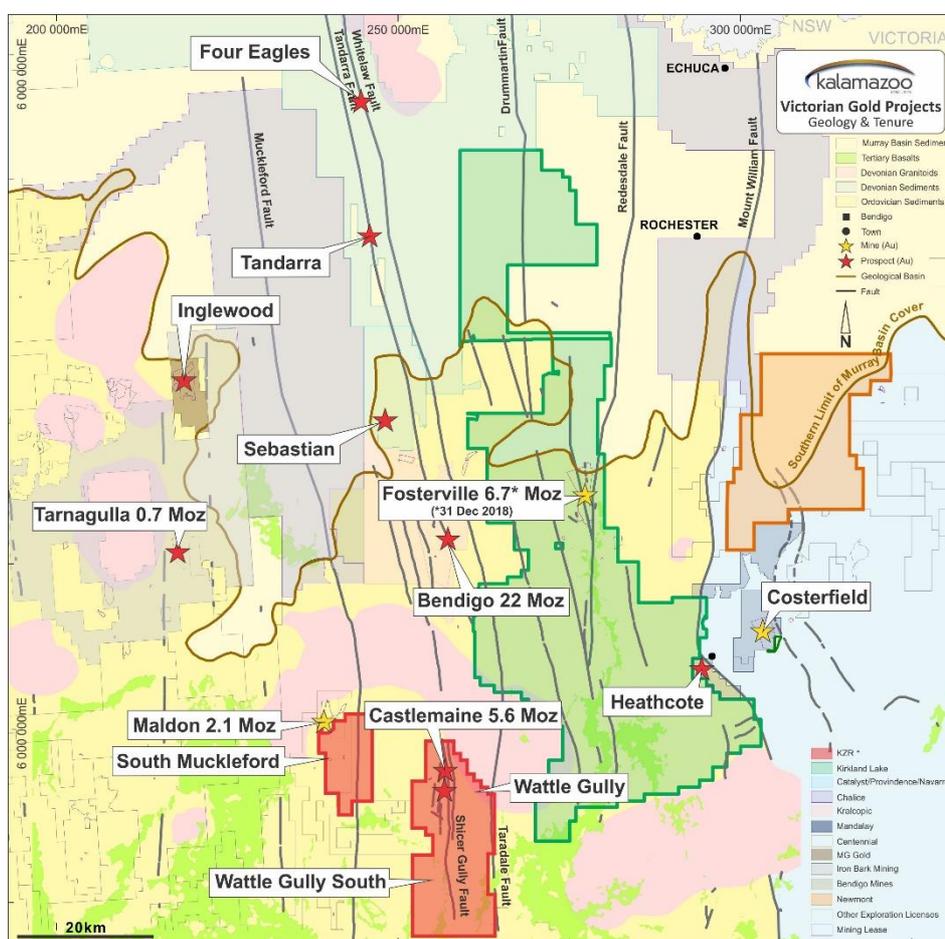
Further to the north, Chalice Gold Mines (ASX: CHN) has a major drilling program under way focused on identifying high-priority target areas under cover within the Muckleford Fault area (refer to ASX: CHN 19 March 2019).



**Figure 1: South Muckleford Gold Project Location**

The Maldon goldfield is the 7<sup>th</sup> largest Victorian goldfield with historical production of >1,975,000 ozs (>56 t) and 317,000 ozs (9 t) of primary and alluvial gold, respectively\*. This goldfield is of a similar setting, age, Ordovician host rocks and structurally controlled mineralisation style as other Bendigo Zone (Central Victoria) gold deposits.

Kalamazoo is committed to acquiring and exploring a portfolio of high-quality Victorian gold exploration projects within highly endowed areas based upon a high grade target deposit model. The South Muckleford Gold Project is an important component of Kalamazoo's exploration strategy.



**Figure 2: Central Victoria regional gold tenure with Kalamazoo's Castlemaine Gold Project and South Muckleford Gold Project in red**

\*Phillips, G.N., 2010 Victorian Gold Province, Australia: a contemporary exploration Guide. GeoScience Victoria Special Publication

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