

## ASX ANNOUNCEMENT

15 December 2020

# Drilling Underway at Cox's Find

### Highlights:

- RC drilling now underway at Cox's Find targeting:
  - Extensions to the Cox's Find Gold Deposit at depth in the southern search space
  - Possible repeats of the Cox's Find Gold Deposit further to the south of Cox's Find where the same lithology, faults and folds are evident
- Drilling program in Laverton region to continue over the next few months with an initial 5,400m committed at both Cox's Find and Mon Ami
- First assay results expected from February 2021

Chief Executive Officer of Great Southern Mining Limited (ASX:GSN) (**GSN** or the **Company**), Sean Gregory, commented:

*"We are excited to be back drilling on our Laverton gold projects. This follows our comprehensive target generation process, which has refined targets at depth and along strike at both Cox's Find and Mon Ami. We expect to receive first assay results from this significant and ongoing Laverton region drilling program in February next year."*



Figure 1 – Drill Rig at Cox's Find, December 2020

## About Cox's Find

The Cox's Find Gold Project (Cox's Find) is a shear hosted Archaean orogenic gold deposit located in the Duketon Greenstone Belt in the Laverton Gold District of WA, located along strike from, and within 15kms of, Regis Resources Limited's multi-million-ounce Garden Well Gold Mine (Figure 2). The historical Cox's Find Gold Mine was operated by Western Mining Corporation (WMC) for a short period between 1937 and 1942 producing approximately **77,000 ounces of gold at a reported head grade of ~22 g/t** from a vein stope operation.

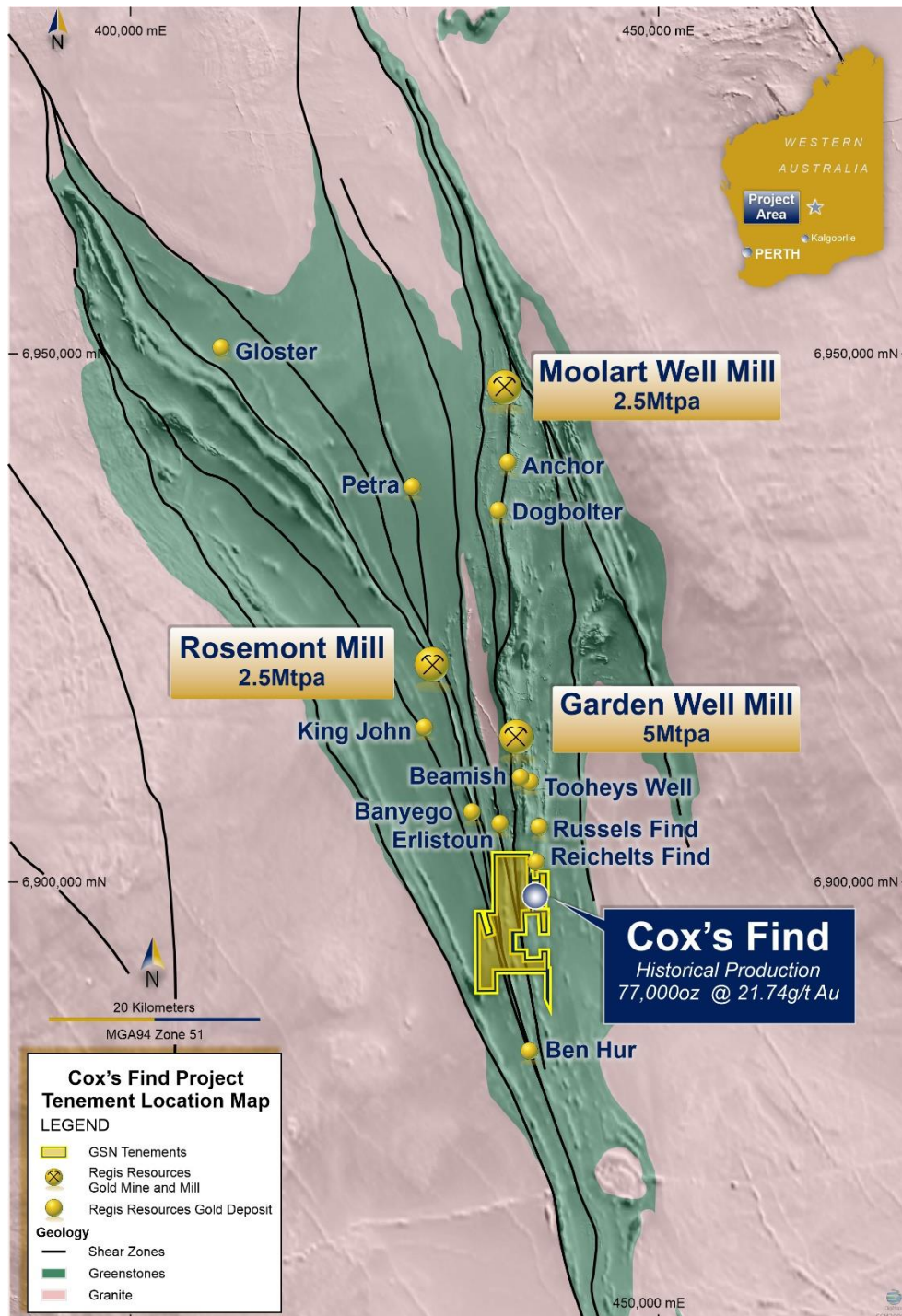


Figure 2 – Cox's Find Location Map

## Cox's Find Deposit Extensions

The recent drill results at Cox's Find not only included several spectacular high-grade intersections of up to **5m @ 80.0 g/t Au from 160m including 1m @ 404 g/t Au**, but also a highly significant **15m @ 1.01 g/t Au intercept from 167m** in hole 20CFRC034. The significance of this intercept is that it opens up an entirely new search space immediately to the south of the high-grade unmined panel delineated by recent spectacular high-grade drill intersections (Figure 3). The thickness of the intercept may be indicative of a mineralised halo surrounding a nearby high-grade extension to the Cox's Find orebody. GSN believe that the the Cox's Find orebody may be reoriented from its generally south-easterly plunge towards the southern search space due to wrenching associated with south trending shear zones. The program will include an initial six 190m deep Reverse Circulation (RC) holes to test this southern search space.

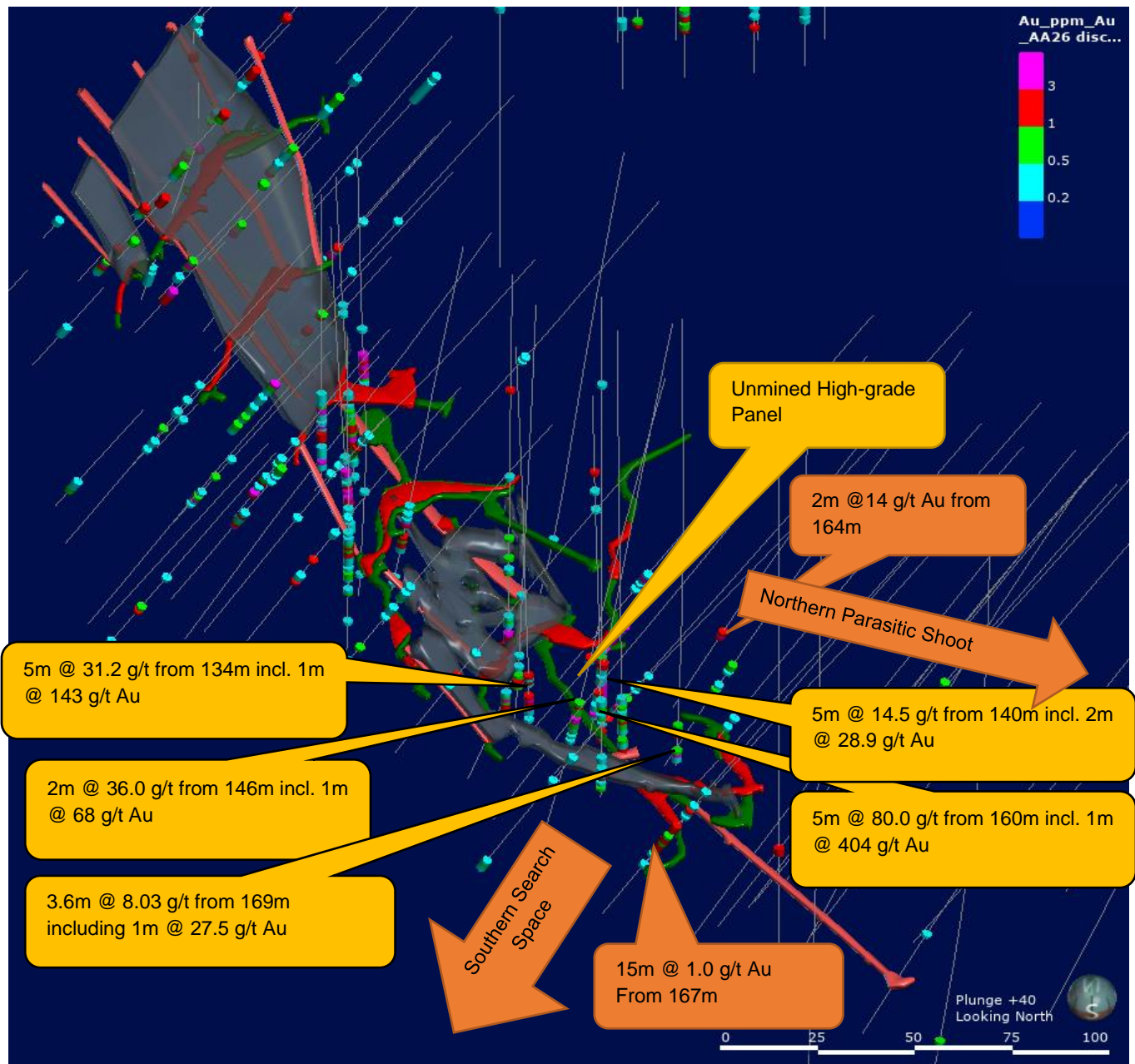


Figure 3 - 3D isometric looking north at the Cox's Find workings highlighting the modern drill results, unmined high-grade panel, and SE search space identified for follow up drilling. Refer to ASX Announcements 26/11/19, 4/12/19, 19/12/19, 29/7/20, 8/9/20 for details of Cox's Find drilling results

## Near Mine Southern Targets

The drilling program will also test the near-mine along-strike targets to the south of Cox's Find (Figure 4). Here the same lithology, folding, and faulting observed at Cox's Find is repeated. Leading structural geology consultants Model Earth identified this area as a high priority target (refer ASX announcement 11 November 2020). It is also coincident with geochemical anomalies identified in shallow 3m deep Air Core drill holes as reported to the ASX on 22 April 2020.

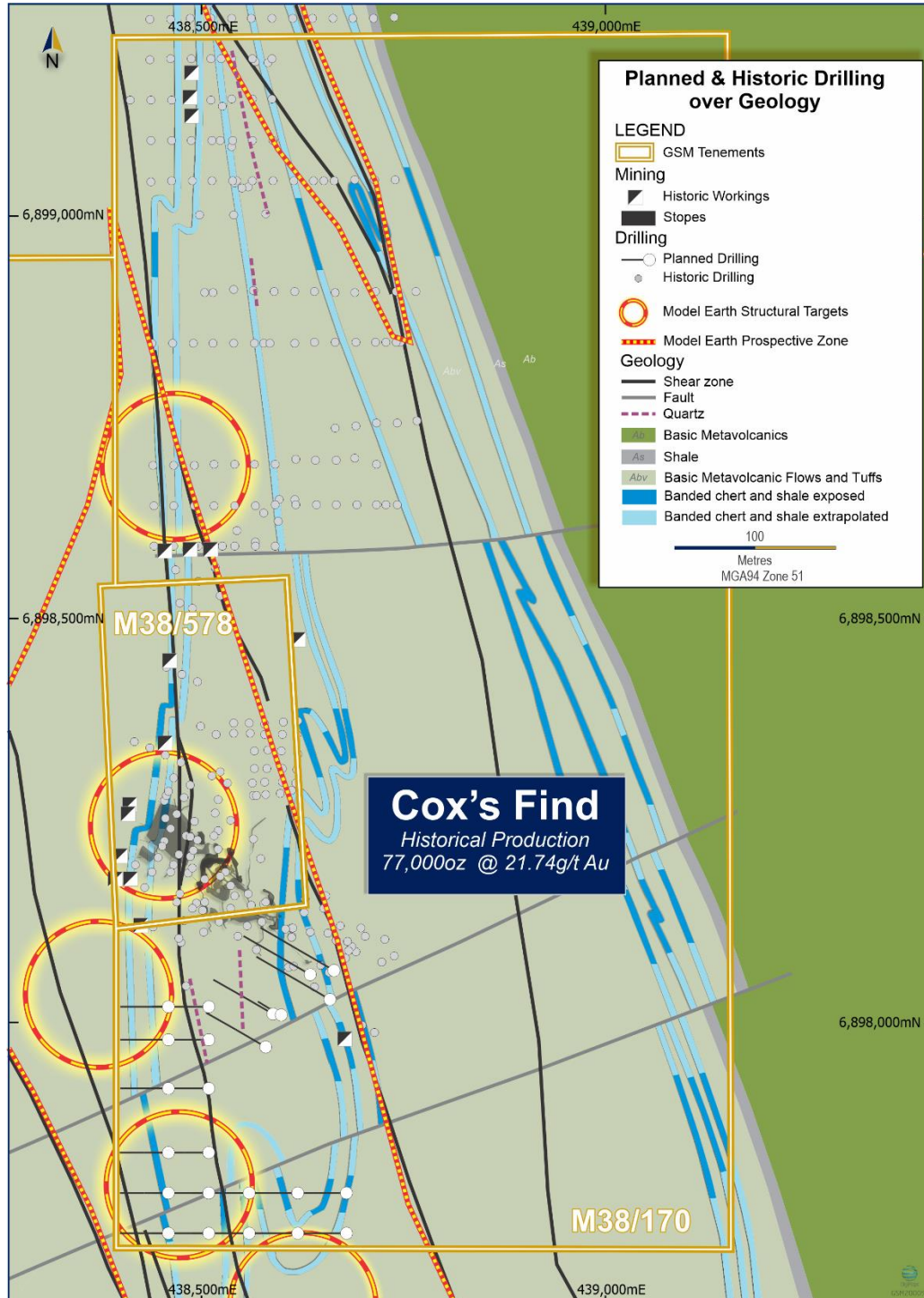


Figure 4 - Cox's Find Geological Map highlighting planned drilling

## **Next Steps**

The drilling will continue over the next few months, aside from a 2-week break over Christmas. 5,400m of RC drilling is committed. As well as the Cox's Find targets, the drilling program will also test targets at Mon Ami identified in the ASX announcement of 13 November 2020 including near-surface, high-grade material to improve open pit development potential and deeper high-grade target analogous to the nearby Ida H high-grade underground mine

First assay results are expected from February 2021.

**This ASX release was approved by the GSN Board**

### **For Further Information Contact:**

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## **About Great Southern Mining**

Great Southern Mining Limited is a leading Australian listed gold exploration company. With significant land holdings in the world-renowned gold districts of Laverton in Western Australia and Mt Carlton in North Queensland, all projects are located within 25km of operating gold mills and major operations.

The Company's focus is on creating and capturing shareholder wealth through efficient exploration programs and strategic acquisitions of projects that complement the Company's existing portfolio of quality assets.

For further information regarding Great Southern Mining Limited please visit the ASX platform (ASX:GSN) or the Company's website [www.gsml.com.au](http://www.gsml.com.au).

## **Competent Person's Statement**

*The information in this report that relates Exploration Results is based on the information of Simon Buswell-Smith. Mr Buswell-Smith is a member of the AIG, is employed full-time by GSN and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as Competent Persons under the JORC Code (2012). For new information he consents to the inclusion in the report of the matters based on his information in the form and context in which they occur. Previously announced information is cross referenced to the original announcements. In these cases, the Company is not aware of any new information or data that materially affects the information presented and that the technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the original market announcements.*

## **Forward Looking Statements**

*Forward-looking statements are only predictions and are not guaranteed. They are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of the Company. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. The occurrence of events in the future are subject to risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements to differ from those referred to in this announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward-looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, the Company, its directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will occur as contemplated.*