

ASX ANNOUNCEMENT

27 May 2021

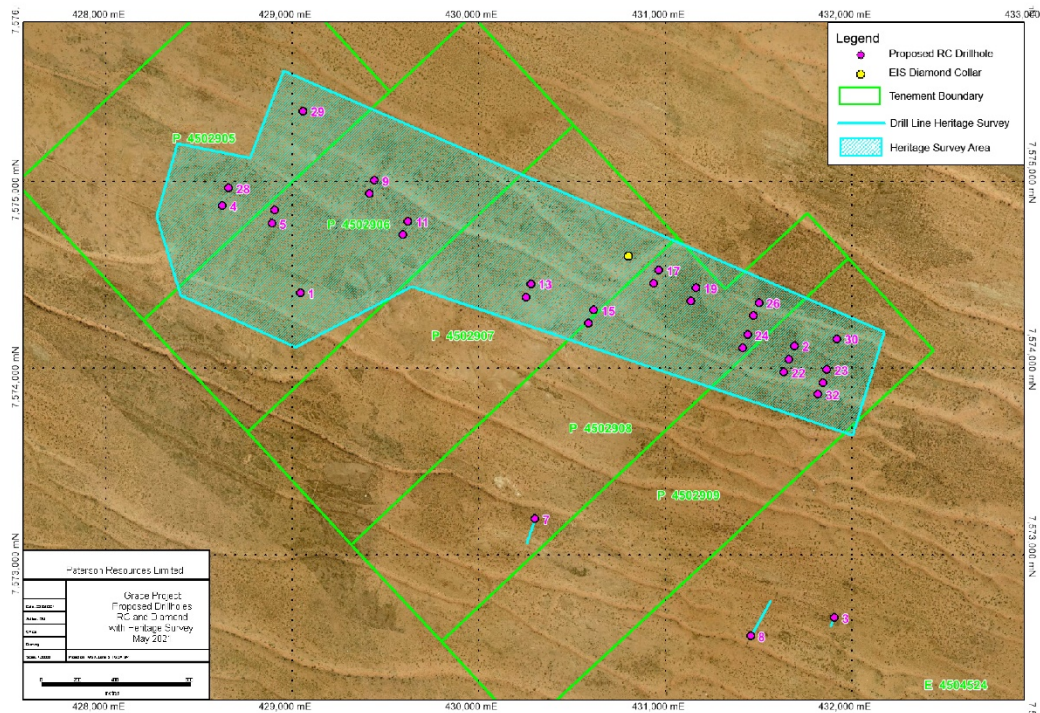
## Exploration Update

### HIGHLIGHTS

- **Heritage Survey to be completed at Grace by mid-June with clearing in July for the Diamond and RC drilling programs to commence in August**
- **Plan of Works (POW) for Grace Approved for drilling to commence in Q3**
- **2500m drilling program for Hackney's Creek finalised targeting northerly strike extension and potential parallel mineralisation loads**
- **Soil sampling to identify additional targets near Hackney's Creek underway with scheduled completion before the end of June**
- **Paterson Resources well funded to complete extensive drilling programs**

#### Grace Project

Preparations for drilling are now well advanced for drilling in Q3. Heritage survey is to be completed in June and subsequent clearing in July. The drilling will target numerous high impact targets with similarities to major deposits nearby in the Paterson Province including Telfer and Havieron.



**Figure 1: Heritage Survey Area and proposed drillholes**

Historic Drilling at Grace was relatively shallow but numerous high-grade intercepts were returned including:

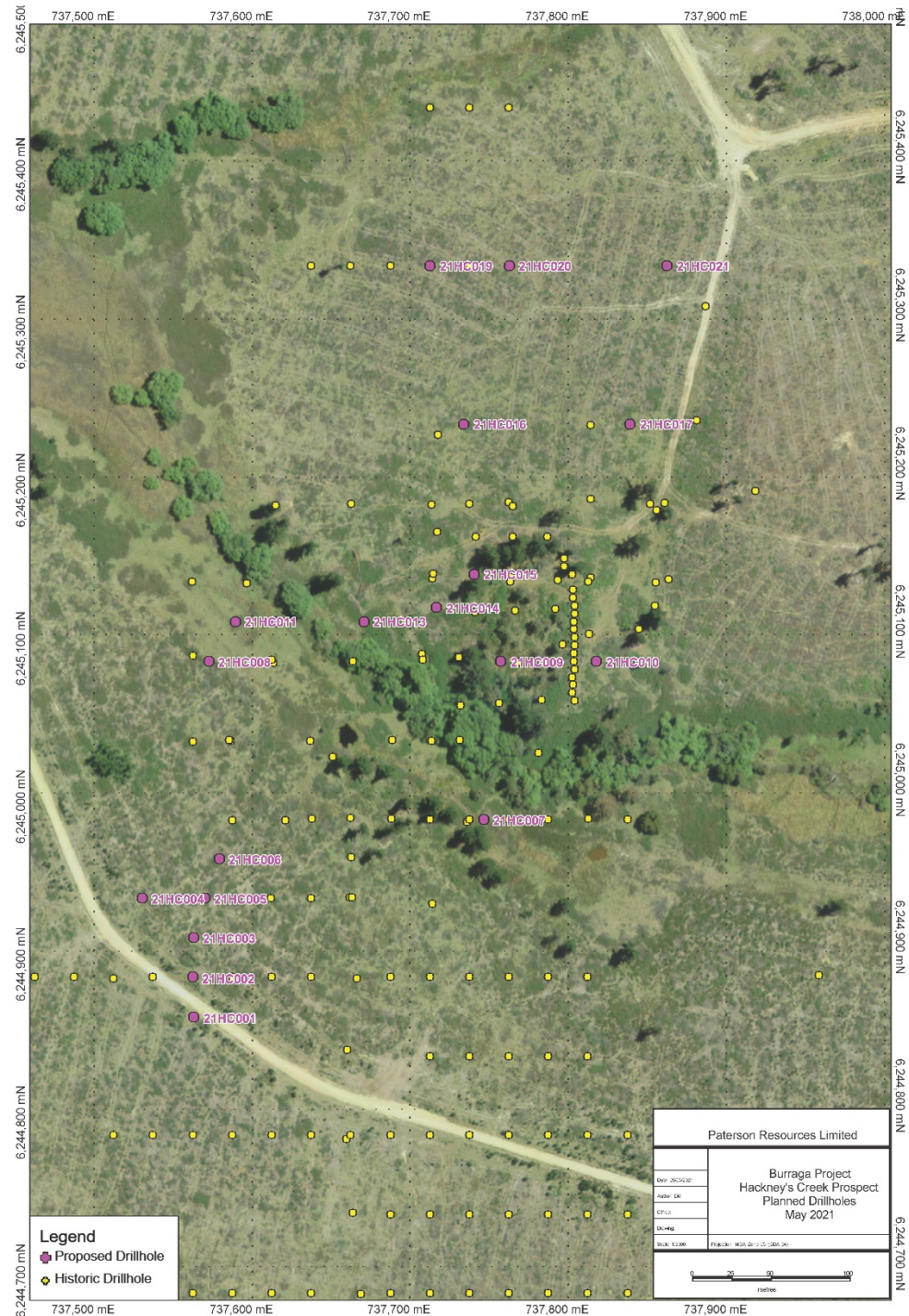
- 10.0m @ 20.95 g/t Au from 6.0m - GPB0801 (RAB)
- 33.0m @ 1.55 g/t Au from 53.0m - GR124502 (RC)
- 12.0m @ 14.38 g/t Au from 56.0m - GR037 (RC)
- 3.1m @ 8.28 g/t Au from 17.1m - GPC9106 (DDH)
- 22.0m @ 1.31 g/t Au from 71.0m - GR124002 (RC)
- 6.0m @ 5.61 g/t Au from 34.0m - GR128001 (RC)
- 4.0m @ 7.04 g/t Au from 38.0m - GR124501 (RC)
- 16.0m @ 2.64 g/t Au from 34.0m - BR8-5 (RAB)
- 4.0m @ 5.13 g/t Au from 30.0m - HK3-4 (RAB)

*(PSL Entitlement Issue Prospectus – ASX Ann 22 May 2020)*

*\* PSL confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and, in the case of estimates of mineral resources, that all material assumptions and technical parameters underpinning the estimates in the previous market announcement continue to apply and have not materially changed.*

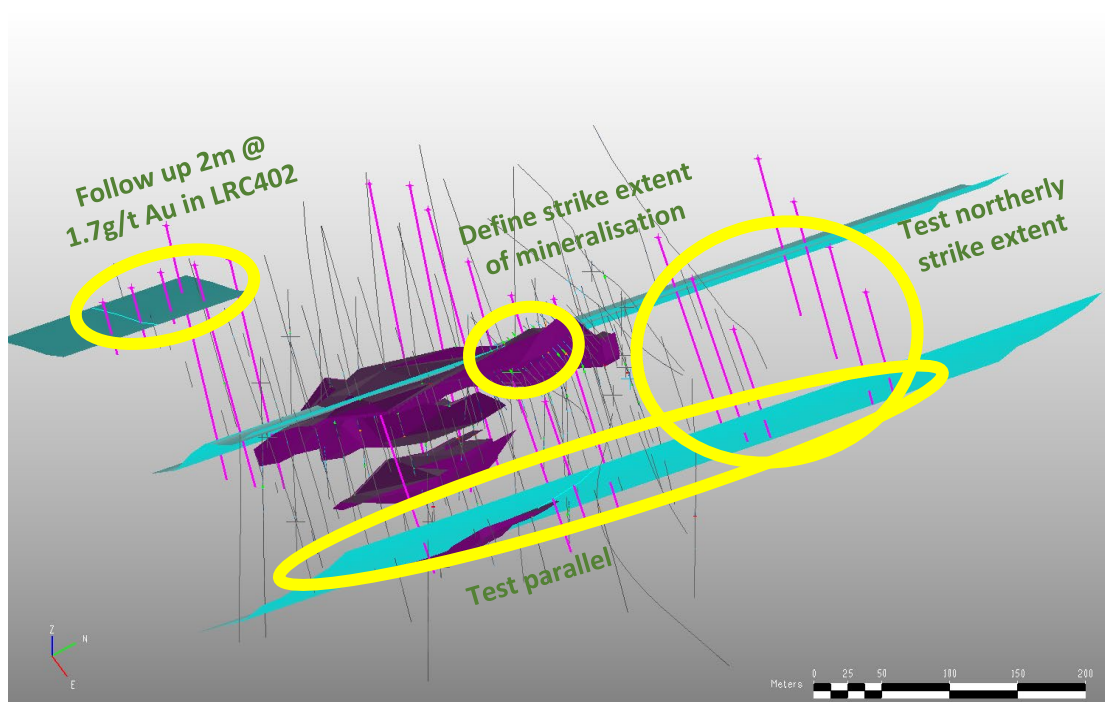
## Hackney's Creek Drilling Program

A program of 2,500m has been planned at Hackneys Creek to expand on the existing resource. Drilling will target northerly strike and down dip extension as well as testing potential parallel mineralisation loads.

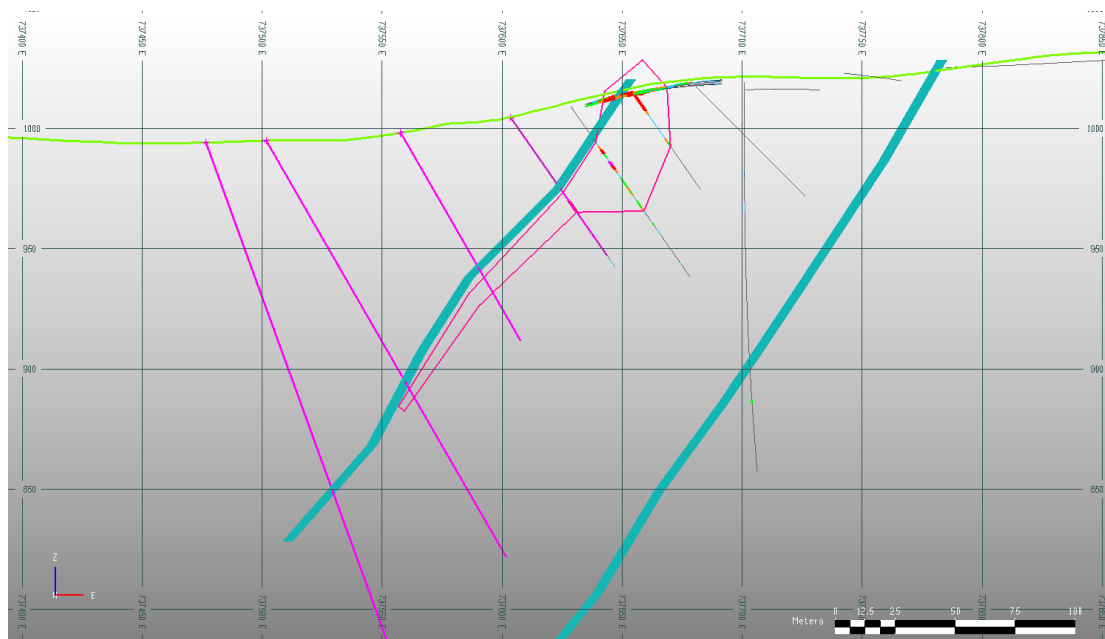


**Figure 2:** Proposed RC drilling at Hackney's Creek





**Figure 3** proposed drillholes on Hackney's Creek with resource model



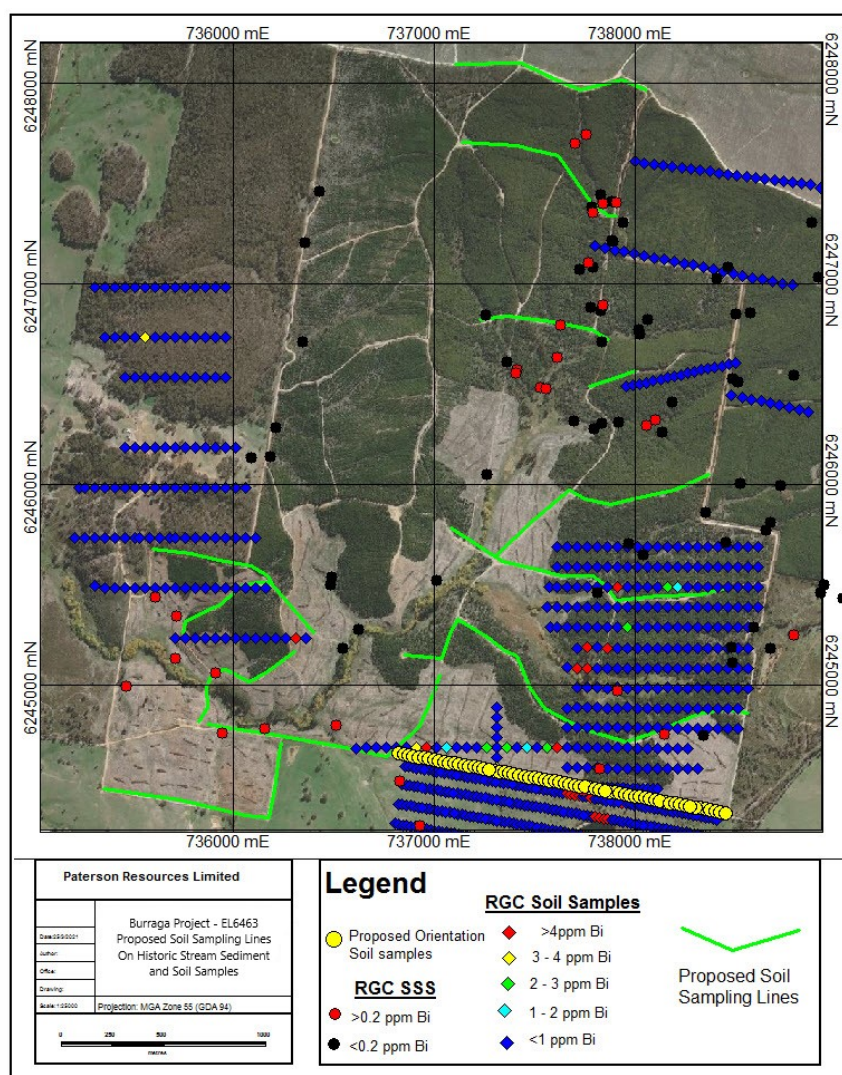
**Figure 4** Section showing down dip extension of mineralisation

Previous drilling at Hackneys Creek produced numerous near surface high grade intercepts including: (refer to ASX release “Hackney’s Creek and Lucky Draw Gold Prospects Burruga NSW”, 26 August 2020)

- 21.3m @ 9.19 g/t Au from 89m, including 4m @ 40.38 g/t Au from hole LDD309
- 33.6m @ 2.27 g/t Au from 71.4m, including 5m @ 5.83 g/t Au from hole LXD283
- 25.0m @ 3.57 g/t Au from 20m, including 4m @ 7.48 g/t Au from hole LXD359
- 2.0m @ 11.25 g/t Au from 28m from hole LXD 282
- 16.0m @ 3.30 g/t Au from 34m from hole LRC 353

### Hackney’s Creek Soil Sampling

Soil sampling surrounding the Hackney’s Creek deposit has commenced with completion expected in June. The sampling is expected to identify further bismuth and arsenic anomalies similar to the ones that were used to identify Hackney’ Creek and Lucky Draw deposits.



**Figure 5** Existing and planned soil sampling at Hackney’s Creek

*This announcement has been approved for release to ASX by the Board of Paterson Resources Limited.*

**COMPETENT PERSON'S STATEMENT:**

*The information in this announcement that relates to exploration results is based on and fairly represents information reviewed or compiled by Mr Matt Bull, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Bull is a Director of Paterson Resources Limited. Mr Bull has sufficient experience that is relevant to the styles of mineralisation and types of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Bull has provided his prior written consent to the inclusion in this announcement of the matters based on information in the form and context in which it appears.*

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