

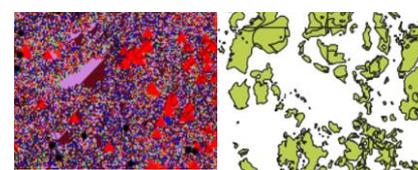
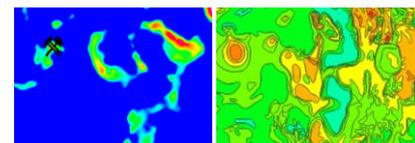


## **Pallas Commences Machine Learning Applications across Key Targets, Strengthens Advisory Board and Completes Digitization of Additional Geophysical Datasets in the Charsk Gold Belt**

LONDON, United Kingdom, Jan. 5, 2021 – Pallas Resources Limited, a project generator targeting discoveries in Central Asia, is pleased to provide the following updates.

### **Commencement of Machine Learning Applications**

In connection with the appointment of two new Advisory Board members, the Company is excited to announce that it is applying Machine Learning (“ML”) processes to its existing datasets. A proof-of-concept prospectivity analysis has been completed and the Company is now moving into detailed follow-on work. The initial focus is in the Charsk Gold belt of Kazakhstan, home to >40Moz of existing gold endowment, with plans being made to replicate work across other belts where traditional generative work has already been conducted.



This exercise is being applied systematically over a large search area (~110,000km<sup>2</sup>) in a bid to strengthen and add to existing targets through quantitative methods, utilizing Pallas’ existing multivariate datasets. Recent proof-of-concept work correlates well with known gold deposits.

The Company is also pleased to announce that it has completed the digitization of several key geophysical and geological datasets across the Charsk Gold belt, further adding to our pre-existing digitization work. These new layers include digitized magnetic and gravity rasters, 200K map intrusive digitisation, and catchment analysis to better understand existing geochemical data.

### **Further strengthening of our Advisory Board**

The Company is also thrilled to announce the appointment of Bartosz Karykowski and Thomas Woolrych to our Advisory panel. Tom and Bartosz bring with them a wealth of big data mining for mineral exploration expertise having carried out multiple ML-based targeting assignments over the last 3 years, and as such will be leading the above-mentioned efforts. Both gentlemen are also Advising Pallas on general generative work, leaning on their multi-faceted backgrounds in the exploration business.

Collectively the two have worked in-house for the likes of BHP Billiton and Anglo American, in consulting roles with Fugro for various mid-tier and major mining companies across the globe and in a scientific research capacity, for which a focus thereof utilized machine learning principles. Their collective roles have spanned Australia, New Zealand, Indonesia, Papua New Guinea, Mongolia, Canada, Poland, Bosnia, Russia, Norway, Germany, India, Pakistan, the DRC, Namibia, Mozambique and Zambia. Tom holds a BSc with Honours in Geology from the Australian National University. Bartosz has a BSc in Geology from Karlsruhe Institute of Technology, an MSc in Economic Geology from TU Bergakademie Freiberg and a PhD in Geochemistry and Economic Geology from Cardiff University.



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