

Stuart Haywood. The Mineral Hill Project

“Data Mining to Reveal the Next Long Life Hard Rock Mine”

Synopsis

In 2020 Kingston Resources Limited commenced the search for an operating mine to sit alongside its flagship Misima Gold Project in PNG and start the journey to becoming a producer. Mineral Hill was identified as having the potential to provide a foundation project from which to further expand and develop the business that included an operating CIL plant and ready to go crush-grind-float circuit, a set of existing deposits and ore bodies around which to build a mine plan, and a tenement package that incorporates >340 square kilometres of highly prospective terrain with known mineral occurrences and advanced prospects. Ownership of Mineral Hill was transferred to Kingston in January 2022.

Mineral Hill has a long history of mining since the 1890's, and an equally long history of prospecting and exploration. The net result is a belt of prospective terrain with reams of accumulated data, that when mined, is gradually revealing hidden gems across the entire tenement package.

Historical data has been sourced from the NSW MEG Minview online system; three on-site archive containers brimming with logs, plans, sections, and drill hole files; many hard copy reports and field notebooks; stacks of long forgotten digital data CD's and petrographic slides; and drawing on a network and team of geologists with significant depth of experience and long histories of working at Mineral Hill and the broader Cobar Basin.

Kingston's geologists are progressively compiling the data and augmenting and building their knowledge through focussed exploration campaigns with 26 diamond drill holes and 27 reverse circulation drill holes completed to date within the shadow of the headframe, and 28 line km of IP surveys completed over the last 18 months. By progressively building and understanding the mineral system models for Mineral Hill style mineralisation and its relationships with geophysical response (magnetics, gravity & IP). combined with good solid geological modelling, Kingston continues to develop a pipeline of targets all of which have the potential to bolster the project and support the long-lived production of precious and base metals from the project and the district.