

## Estimation methods of the Nova-Bollinger Ni-Cu-Co deposit

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### **ABSTRACT**

IGO's Nova-Bollinger Deposit is in the Fraser Zone of the Albany Fraser Orogen, approximately 160km east-northeast of the town of Norseman in Western Australia. The deposit is a complex magmatic nickel-copper-cobalt sulphide deposit characterised by folded and undulating breccia ore lodes. As such, the 2018 Mineral Resource grades were estimated using unfolded coordinates. In 2020 the IGO-Nova Resource Geology team assessed an alternative estimation method using dynamic anisotropy in parallel with the unfolded coordinate approach.

This paper describes the applied assumptions and results of the two estimation approaches and the advantages, disadvantages and mine production reconciliation results of each technique as applied to the Nova-Bollinger Mineral Resource estimate.