

Bowdens Deposit Brief

The Bowdens Silver Deposit is the largest undeveloped silver deposit in Australia, located 240 kilometres west of Sydney near Lue in New South Wales, Australia. The current Mineral Resource, (2017), is estimated at 275 million ounces silver equivalent at a 30g/t cut-off, with an Ore Reserve comprising 29.9 million tonnes at 69g/t Ag, 0.44% Zn and 0.32% Pb containing 66.32 million ounces of Ag with 130.8 kilotonnes of Zn and 95.3 kilotonnes of Pb.

The Deposit is hosted by the early Permian rhyolitic to dacitic Rylstone Volcanics and the underlying Ordovician Coomber Formation where it is situated on the northeastern flank of the exposed Lachlan Orocline. The volcanics unconformably overlie the eastern side of the northwest trending Northern Capertee Rise and are themselves unconformably overlain by the Permian to Triassic shallow marine to alluvial sedimentary rocks of the Sydney Basin.

A large body of technical work has been completed on the Project, formerly known as Bowdens Gift, since the late 1990's. This work has included drilling, metallurgy, mineralogy and geochemistry, geochronology, petrology, hyperspectral, sulphur isotopes and PhD and Honours research projects. The work has been focused on and close to the Deposit itself, with minimal focus given to the broader host Rylstone Volcanics. Work by Bowdens Silver over the past six years has furthered the understanding of the system's evolution, scale, and regional setting.



Tom Klein Bio

Tom Klein BSc, AIG/ASEG is Senior Geologist at Bowdens Silver Pty Limited where he has worked since joining in 2017. Tom graduated Macquarie University in 2011 with a Bachelor of Science major in geology and geophysics after 3.5 years of study.

Initially employed with Fender Geophysics as a geophysicist completing IP, Magnetic and EM surveys throughout NSW before joining GFM Exploration in 2013 as exploration geologist. Here Tom was involved in the initial public offering of Alt Resources Limited in 2015 with the focus of work being the greenfield IRG system situated southeast of Jindabyne. This project was the recipient of 2 rounds of \$200K worth of drill funding under the rounds 1 and 2 of the New Frontiers Cooperative drilling initiative program.

Tom initially worked on regional exploration around the Bowdens Deposit before leading the deposit exploration and resource drilling from 2019/2020 along with David Biggs.