



LEO XING

Graduate Mining Engineer

BEng (Mining) Hons Class II – University of New South Wales
Associate MAusIMM • Graduate Member Engineers Australia



Leo has been a part of the mining industry since 2018, working in areas including gold deposit exploration, survey and on various open cut coal mine planning and design projects. He joined Xenith as a Graduate Mining Engineer in 2019. During his time with Xenith Leo has worked on a number of coal mining projects allowing him to obtain valuable engineering experience.

Expertise

- **Mine Planning:** Experience in SPRY and Deswik scheduling software for medium and long term mine scheduling applications.
- **Mine Exploration:** Initiated surveying and gold mine exploration analysis reports by using magnetotelluric methods and V8-PHOENIX Geophysics System 2000.
- **Mine Design:** Creating pit and dump designs based on geotechnical assumptions for use in generating mining and dump reserves.
- **Software Proficiency:** Proficient with Deswik CAD, Deswik Sched, SPRY, AutoCAD, Revit and Microsoft Office Suite. Working knowledge of Vulcan, Minex, Whittle, Ventsim, Surfer 8, Phase 2 and Talpac. Proficient in writing scripts in VBA.

Career Highlights

- **Xenith Consulting:** Generating pit and dump reserves. Preparing output reports and presentations for senior engineers. Receiving comprehensive training in the Deswik Suite and SPRY software.
- **APD Engineering:** Daily site survey and conducting pole suitability assessments and pole strength validation assessments. Prepare FTTC and SDU construction reports for first party companies.

Professional Experience

Graduate Mining Engineer	2019 – Current	Xenith Consulting Pty Ltd
Graduate Engineer	2018 – 2019	APD Engineering
Mining Engineering Vacation Student	2016	Shandong Institute of Geophysical & Geochemical Exploration
Mining Engineering Vacation Student	2015	Tianjin North China Geological Exploration Bureau