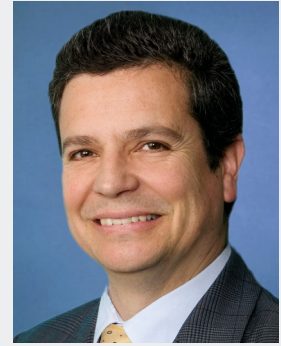


WILLIAM GIBSON

PRINCIPAL GEOTECHNICAL ENGINEER

MSc Geotechnical Engineering, Civil Engineering



EXPERTISE

William has more than 24 years experience in geotechnical, mining and civil engineering projects as well as the use and development of computer programmes.

He has worked in Chile, the United States of America (2000 to 2003) and Australia (since 2003). His expertise in open pit mining includes slope stability analysis for small and large pits and analysis of the interaction between open pits and underground mining operations. He has, as well, experience in numerical modelling applied to underground mining and seismic risk assessment.

SUMMARY OF EXPERIENCE

William's experience in the analysis and design of open pits includes large pits like Chuquicamata, Esperanza and Pelambres (Chile), Olympic Dam (Australia) and Oyu Tolgoi (Mongolia).

His experience in underground mine design includes the analysis of block caving mines (Teniente and Salvador in Chile), mining sequence, open stoping, stability of pillars and interaction of block caving operations with mine facilities. He is also experienced in the analysis of static and seismic conditions and the design of other mine related structures such as tailings dams, heap leach piles and waste rock dumps.

William has carried out seismic risk assessments in different regions of South and Central America and Canada involving the definition and generation of earthquake records for dynamic analysis. He has also worked on the analysis and design of concrete and steel buildings and bridges through the use of self-developed computer programs.

His computer programming and modelling experience includes the development of Finite Elements and Discontinuous Deformation Analysis programs. In the area of rock mechanics he has developed programs for rock fall analysis, wedge rock stability analysis and rock mass strength assessment. He is also a competent user of geotechnical programs such as FLAC, FLAC3D, UDEC, PFC, PFC3D, Map3D, Slide, Phases2, SWedge and Unwedge. He has given several FLAC and FLAC3D training courses for consultants and geotechnical engineers for different mines.

William joined AMC in October 2006 and has been involved in open pit stability assessment and design, numerical modelling for open pit and underground projects in a wide range of commodities in Australia and overseas. Commodities involved have included gold, iron ore, copper, nickel and uranium. During his career he has developed several computer programmes to assess material flow, rock mass strength and rock fall analyses.

William's full resume is available upon request.