

Curriculum Vitae

Derek Holm- PrincipalEngineer



Profession:

Mining Engineer

Education:

B.Sc.Eng.(Mining)

Specialisation

Open pit optimisation, feasibility study capital and operating cost work, feasibility study review, underground mine design, mining equipment operations modelling.

Expertise

- Training involved hard rock gold mining in deep and medium depth mines with Gold Fields Ltd, as well as exposure to open cast gold mining work. Extensive help with varied operational projects was given in this time.
- Whittle optimisation and mine design for open pit projects to PFS level.
- Feasibility level mine design and detailed costing for shallow and deep mine projects using conventional stoping and mechanised development methods.
- Dynamic simulation. Rock transport system assessments including trackless equipment and conveyors using a dynamic computer model.
- Reasonable Portuguese and Spanish spoken, basic French. A background of growing up overseas and extensive travel has led to wide exposure to varied cultures and systems. Extensive exposure to work in former Soviet Union countries (Ukraine, Kazakhstan).

Employment History

Present	Principal Engineer	Bara Consulting
2012 - 2013	Principal Engineer	Royal HaskoningDHV
2005 - 2012	Mining Engineer	Turgis Consulting
2004 – 2005	Solo overland travel Johannesburg to Dakar	-
2003 – 2004	Production Supervisor (Development)	Beatrix Gold Mine, Gold Fields Ltd
2002 – 2003	Contract Miner	Beatrix Gold Mine, Gold Fields Ltd
2000 – 2002	Learner Official	Gold Fields Ltd

Key Experience

- Holgoun, Canyon Springs Project, 2012. 3Mtpa coal strip mine PFS. Whittle optimisation, basic scheduling, scenario modelling.
- UniCredit, Pokrovsky Coal Mine Ongoing Review, 2010-2012 (Ukraine). Annual capital, operating cost and schedule review for narrow seam underground coal mine.
- Confidential client, 2012. Review of 4Mtpa open cast gold mine BFS. Capital and operating cost review.
- Ferrexpo, Belanovo Project FS, 2012 (Ukraine). Open cast iron ore FS project. Whittle optimisation, pit design, equipment selection, basic waste dump design, operating and capital cost estimates and life of mine cost model.
- Gem Diamonds, Letseng Production Study, 2011. Open cast diamond mine production change assessments in order to assist simulation and study work.
- AngloGold Ashanti, Iduapriem Pit Expansion Study, 2011. Open cast gold mine expansion consideration. Optimisation and consideration of various pushback costs and benefits.
- PAR, Manica Feasibility Study, 2011. Open cast gold mine feasibility options. Whittle optimisation and basic mine design.
- Sphere, Askaf Pre Feasibility Study, 2010. Open cast iron ore mine project. Whittle optimisation, basic mine design and capital and operating cost estimate.
- Ferrexpo, Yeristovskoe Project Update, 2009 (Ukraine). Open cast iron ore DFS project review and update to consider the new economic environment and on site development. Whittle optimisation, mining method review, waste dump strategy revision, life of mine cost model development, comparative costing with contractors on site.
- Boynton Investments, Grootboom Platinum Feasibility Study 2009. Shallow open pit optimisation, design and scheduling. Basic cost sourcing.
- Chromex, Stellite Chrome Scoping Study, 2009. Shallow multiple pit optimisation and sensitivity testing.

- Ferrexpo, GPL Project, 2007-2008 (Ukraine). Current open cast operation design optimising and reserve update. Basic design work, Whittle optimisation, life of mine cost model development, on site liaison.
- Ferrexpo, Yeristovskoe Project, 2007-2008 (Ukraine). Open cast iron ore DFS project. On site support, basic design work, basic Whittle optimisation, mining method assessment and decisions, waste dump strategy development, life of mine cost model development, integration with local operations, local institutes and contractor, basic administration.
- Ferrexpo, Belanovskoe Project, 2007-2008 (Ukraine). Open cast iron ore PFS project. Open pit mine optimisation, design and scheduling, mining method assessment and decisions, life of mine cost model.
- Damang Gold Mine, Ghana, GFL, 2002: Open cast blasting license and Mine Foreman's License.