

## 2018 Project Archive

### Projects started in 2018

Start Date	Mineral	Country	Type	Description
Dec 2018	Au	Nigeria	Study	PEA of an open pit project
Dec 2018	Cr	South Africa	DD	Competent Persons Report on an open pit project
Dec 2018	Au	Kenya	Study	Review and update on a scoping study of an u/g project
Nov 2018	Civil	South Africa	Study	Ventilation assessment of a hydropower tunnel
Nov 2018	Au	South Africa	Study	BFS on a deep level gold mine
Oct 2018	Coal	South Africa	Design	Open cast design of a coal mine
Oct 2018	Cu	Zambia	Design	Design of a shaft pipe column system
Oct 2018	Mg	South Africa	Design	Open pit design of a manganese mine
Oct 2018	Au	Liberia	Study	A PFS on a u/g project
Sept 2018	Au	Liberia	DD	Gap analysis on a PFS covering u/g mining & infrastructure
Sept 2018	Au	Armenia	DD	Review covering TSF, geotechnical and geohydrology
Sept 2018	Cu	Botswana	DD	Update on an open pit infrastructure review
Sept 2018	Pb	Bosnia	Ops	Owners engineer and detailed design for construction
Sept 2018	Cu	Zambia	Study	Mine and infrastructure optimisation
June 2018	Graphite	Mozambique	Study	Scoping Study for a greenfields graphite mine
May 2018	Graphite	Tanzania	Ops	Owners Engineer for construction
May 2018	U <sub>3</sub> O <sub>8</sub>	Canada	Study	Trade-off study on various optimisation options
May 2018	Cr	South Africa	DD	Pumping and plant design review
May 2018	Agg	Botswana	Design	Mine plan for aggregate quarries
April 2018	li & Sn	Czech	Study	Pre-work for a DFS on an u/g lithium and tin mine
April 2018	Cu	Zambia	Ops	Shaft pipe column accident investigation
April 2018	Au	South Africa	Study	Mine works program for open pit and u/g mine
March 2018	Au	South Africa	DD	Due diligence of a DFS on a deep level gold mine
March 2018	Cr	South Africa	Design	Dynamic simulation of cleaning system at an u/g mine
Feb 2018		South Africa	Design	Alternative access to a tourist cave
Feb 2018	Potash	England	Design	Drill & Blast design and u/g trials
Jan 2018	Cu	Botswana	DD	Due diligence on infrastructure of an open pit Cu mine
Jan 2018	Pb	Bosnia	Design	Process plant design criteria
Jan 2018	Au	South Africa	Study	Concept Study on Gold Mines around Soweto
Jan 2018	W	Zimbabwe	DD	Plant operation opinion