



MULGA ROCK PROJECT

SCOPE OF WORK - FEASIBILITY STUDY

Vimy Resources Limited (Vimy) is developing the Mulga Rock Project (MRP) located in Western Australia, approximately 240 km east-northeast of the regional city of Kalgoorlie–Boulder. The MRP is Australia's third largest undeveloped uranium resource. It has an Ore Reserve of 22.7 Mt at 845 ppm U_3O_8 for 42.3 Mlb U_3O_8 . Vimy engaged GR Engineering to undertake the Feasibility Study for the design and construction of a processing facility and associated infrastructure for the Project and to manage the input of the other consultants.

The future project will consist of a large uranium open cut mine and a process plant utilising beneficiation and hydrometallurgical processing techniques to produce a uranium concentrate (as U_3O_8) of suitable purity for downstream refining. The processing facility capacity was studied at 2.46 Mt/a of ROM ore with an average uranium grade of 757 ppm U_3O_8 to produce an average of 3.5 Mlb/a U_3O_8 over a 15-year mine life.

The Beneficiation Plant will upgrade the uranium content of the ore prior to being pumped to the Process Plant. The Process Plant will utilise chemical dissolution, extraction, and precipitation techniques to recover uranium as a final saleable product. Residue from the Process Plant will be disposed of within the progressive mine void.

To take advantage of the potential base metal value in the ore, a stand-alone Base Metals Recovery Plant was studied and may be constructed if it is financially viable. The Base Metals Plant has been designed to recover zinc, copper, nickel and cobalt from barren leach slurry using sodium sulphite to produce two final saleable products, a zinc/copper mixed sulphide and a nickel/cobalt mixed sulphide.

Commodity: Uranium

Region: Australasia

Location: Eastern Goldfields, Western Australia

Project type: Greenfields, definitive feasibility study

Client: Vimy Resources Limited (ASX: VMY)

Award date: March 2016

Completion date: May 2017

Project manager: Tony Mathwin

Process manager: Stan Kagiannis