



## 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 Mtpa 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:** Australia  
**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