

INDUSTRIAL MINING LICENCE (FOR CATEGORY A AND B ONLY)
ECONOMIC VIABILITY REPORT – FORM AND CONTENT

An Economic Viability Report shall contain the following particulars, maps and plans.

- (1) Property Plan – Description, boundary Survey
- (2) Development and Production Programme
 - (a) Ore Reserves
 - (b) Mining Plan – Mine life, schedules, methods
 - (c) Processing Plan – milling, beneficiaries, flow-charts, schedules, methods
 - (d) Environment protection plan (incl. tailings, waste management)
 - (e) Plan Site/Facilities
(Layouts access, water, power, construction (where applicable))
 - (f) Mine Restoration Plan
(Designs, progressive site rehabilitation procedures)

Where the magnitude of the proposed mining operation is determined by the Director to warrant additional documentation, all or part of the following information may also be required.

- (3) Marketing and sales Plan
- (4) Net Revenue Analysis / Cash Flow Analysis
- (5) Capital Costs - lands, buildings, equipment, working capital
- (6) Operational Costs – personnel, benefits, administration, maintenance , health and safety, environment, royalties, taxes, bonding, financing, utilities, transportation
- (7) Employment and Training Programme
- (8) Environmental Impact Study
 - (a) Base – line Data
Sampling and/or analysis of soils, surface and subsurface waters, air quality and noise levels, plant and animal life
 - (b) Production Impact
analysis of the effect that mining ,milling, plant removal and transport of material, housing and worker activities, will have on existing human habitation and the current uses of land, water, animal and plant resources
- (9) Detailed Mine Restoration Plan
Procedures, schedules and estimated cost of managing, monitoring and progressive control and correction of all adverse effects of mining operations with respect to water pollution, air pollution, soil contamination, noise explosives and all other factors that may tend to degrade and/or endanger the environment. The time frame for both progressive and final completion of the restoration work outlined must be set out.
- (10) Mine Restoration Bond
Upon analysis and approval of the Mine Restoration plan, the Director may require the signing of a reclamation bond.
The amount of the bond shall be calculated on the basis of the costs outlined by the licensee in the Mine Restoration Plan. Such costs and the required security shall include and estimated aggregate current cost for labor, equipment, supplies and services to conduct one or more or the following restoration activities.
 - (a) Removal of buildings and plant facilities.
 - (b) Protective capping of pits, adits, declines and shafts.
 - (c) Stabilizing of tailings areas, steep rock faces drainage containment areas.
 - (d) Surface contouring.
 - (e) Re-vegetation.

Acceptable bond forms include cash, a letter of credit from an internationally credited bank, a surety or other negotiable bond or other approved security. The elements of the plan and the amount of bonding are to be reviewed and adjusted at every two year interval.