

**CENTENNIAL NATURAL RESOURCES, LLC**

**JAP CREEK MINE, P-3808, REVISION R-28**

**ALABAMA SURFACE MINING COMMISSION**

**SURFACE MINING PERMIT APPLICATION**

**P A R T   V**

Prepared by:

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Part V - Bonding

A. Site Conditions (805.11)

1. Briefly describe the site conditions within the increment which you are currently proposing to mine by answering the following:
  - (a) Average pre-mining slope 25.6%
  - (b) Percent sandstone 15%
  - (c) Final highwall slope (average) (if applicable) 45%
  - (d) Acres Prime Farmland 0.0
  - (e) Average pH of topsoil or topsoil substitute 6.0

Note: If pH range over the increment area is greater than one pH unit (units 1 through 14), give approximate number of acres which fall within each unit.

- (f) Overburden acid-base account (expressed as tons of calcium carbonate per 1,000 tons material) N/A (only if total sulfur exceeds 0.5%)
- (g) Acres abandoned land located in proposed permit area N/A

B. Estimate of Reclamation Cost (780.18)

Give a detailed estimate of your cost of reclamation for the increment you are currently proposing to mine. Give individual cost estimates for grading, highwall elimination, topsoil (or topsoil substitute) replacement, revegetation and any other cost which may be applicable (prime farmland, hydrologic factors, etc.). Show Calculations.

Regulatory Authority will calculate bonds.