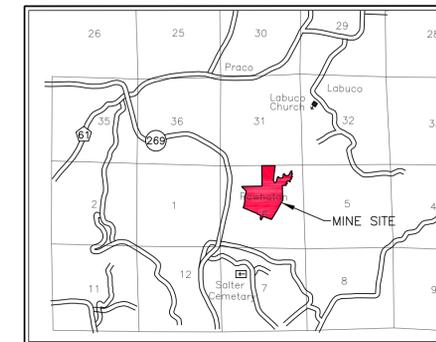


**PERMIT AREA**

Scale: 1" = 500'  
Contour Interval = 20'

Base map - Sylvan Springs, Alabama  
United States Geological Survey  
7.5 Minute Quadrangle Map.

Scale 1" = 500'



**VICINITY MAP**  
Scale: 1" = 1 Miles

**LEGEND**

- Permit Boundary
- Previously Surface Mined by Others
- Occupied Dwelling
- Unoccupied Dwelling
- Surface Contour
- Sediment Basin
- Natural Drainage Course
- Drainage Ditch
- Intermittent Stream
- Perennial Stream
- Existing Flow Direction
- County Road (Paved unless otherwise designated)
- Road (Private unless otherwise shown)
- Haulroad
- Ancillary Road
- Impounded Water
- Property Line other than Forty Line
- (M) Indicates Mineral Ownership
- (S) Indicates Surface Ownership
- (FEE) Indicates both Mineral and Surface Ownership
- Slope Measurements
- Reclamation Cross-Section
- Coal Stockpile, Location Subject to Change
- Monitoring Well
- ASMC Interim Permit P-1689
- ASMC Interim Permit P-2787
- ASMC Permit P-3933 Increment No. 1 Post R-1
- ASMC Permit P-3933 Post R-1
- Existing Highway
- Current Highway December 7, 2010

**POST REVISION R-4 BOND LEGEND**

- Area bonded under Increment No. 1, 26.0 Acres  
26.0 Acres Reclamation Phase
  - Area bonded under Increment No. 2, 38.0 Acres  
38.0 Acres Reclamation Phase
  - Area bonded under Increment No. 3, 11.0 Acres  
11.0 Acres Reclamation Phase
  - Area bonded under Increment No. 4, 23.0 Acres  
23.0 Acres Mining Area & Coal Stockpiles
  - Area bonded under Increment No. 5, 37.0 Acres  
37.0 Acres Mining Area & Coal Stockpiles
  - Area bonded under Increment No. 6, 22.0 Acres  
3.0 Acres for Primary Road  
5.0 Acres for Basins 01E, 012E, 012AE, 014P, and Access.  
10.0 Acres for Spoil Placement Area  
1.0 Acre for Office & Parts Storage Area  
3.0 Acres for Coal Stockpile
- Total Permit Area 157.0 Acres

**NOTES**

- All Occupied Dwellings Within 1000' of Permit Area are shown.
- Surface and Mineral Ownership By Forties Unless Otherwise Shown.
- No Municipality has Police Jurisdiction Within or Contiguous To the Permit Area
- Police Jurisdiction Within and Contiguous to the Permit Area is Provided by Jefferson County.
- Coal Stockpile Locations are subject to change.
- No Ownership on this map (Surface & Mineral) is to be used for Conveyance.
- See Attachment III.-A.-8, Underground Mine Location Map, for Underground Mine Locations.

I, Leslie G. Stephens, a Registered Professional Engineer and Land Surveyor, hereby certify the foregoing to be a true and correct map to the best of my knowledge, information, and belief.

Leslie G. Stephens, P.L.S. & P.E.  
AL Reg. No. 14117-E

Date

**NATURE OF REVISION R-1**

- Transfer 1.0 acre from Increment No.5 to Increment No.6 (Primary Road 2P).
- Add 3.0 acres to Increment No.1.
- Request to correct a recent mapping error to show the correct mineral owner in the SE 1/4 of NW 1/4 & the N 1/2 of SW 1/4 of Section 6, Township 17 South, Range 5 West.
- Request to update the Operations Plan.
- Request to extend the Topsoil Variance to cover the newly added area.
- Update Drainage Control Plan to show the designed location of Basin 012 and the Re-evaluation of Basins 001, 012, and 012A.

**NATURE OF REVISION R-2**

- Transfer 28.0 Mining Acres from Increment No. 2 to Increment No. 1.
- Add 1.0 Incidental Acre to Increment No. 6 for Office and Parts Storage Area.
- Request to update the Operations Plan.
- A Request for an Exemption of Rule 880-X-10C--13(3) for the Office and Parts Storage Area.
- Request to extend the Topsoil Variance to cover the newly added area.

**NATURE OF REVISION R-3**

- Add 19.0 Mining Acres To Increment No. 5
- Add 6.0 Mining Acres To Increment No. 1
- Add 1.0 Acres To Increment No. 6 for Basin 014P
- Request to update the Operations Plan with Regards to the Mining Sequence and Cut Sequence.
- Request To Extend The Topsoil Variance To Cover The Newly Added Area.
- Update Drainage Control Plan By Adding Basin 014P.
- Update Ownership.

**NATURE OF REVISION R-4**

- Transfer 38.0 Mining Acres from Increment No. 1 to Increment No. 2 Reclamation Phase.
- Transfer 1.0 Mining Acre from Increment No. 3 to Increment No. 4.
- Delete 3.0 Mining Acres from Increment No. 1 as undisturbed.
- Transfer 2.0 Mining Acres from Increment No. 5 to Increment No. 6 for Coal Stockpile.
- Transfer 1.0 Mining Acre from Increment No. 1 to Increment No. 6 for Coal Stockpile.
- Modify Primary Roads 1E and 2P.
- Update the Operation Plan.

**REVISIONS**

NO.	DATE	NATURE OF REVISION
1		
2		
3		
4		
5		
6		

JLMPMPM4.DWG

Initial Map Date: February 14, 2007

**PERMIT & VICINITY MAP**  
**Job Land & Mineral, Inc.**  
**Powhatan Mine**  
**P-3868/Revision R-4**  
Part of Section 6,  
Township 17 South, Range 5 West  
Jefferson County, Alabama

**PARKER**  
**ENGINEERING CO., INC.**  
1606 Hwy. 78 West Jasper, AL 35501/P.O. Box 1712-35502  
(205) 384-5553 Office (205) 384-9491 Fax

