

Applicant: Reed Minerals, Inc.
Mine Name: Jap Creek Mine
Permit Number: P- 3808, 2014 Renewal

STATE OF ALABAMA SURFACE MINING COMMISSION

- (X) Permit Application for a Surface Coal Mine
() Permit Application for an Underground Coal Mine
() Permit Application for a Preparation Facility

PART I A. IDENTIFICATION

1. PERMIT APPLICANT

Name: Reed Minerals, Inc.
Street Address: 3699 Industrial Parkway
City: Jasper State: AL Zip: 35501
Mailing Address: 3699 Industrial Parkway
City: Jasper State: AL Zip: 35501
Telephone Number: (205) 295-2224
Social Security Number (Voluntary): _____
Employer Identification Number: 46-4161047
ASMC License#: L-459

2. ENTITY OR PERSON RESPONSIBLE FOR PAYING ABANDONED MINE LAND RECLAMATION FEES

Name: Applicant
Street Address: _____
City: _____ State: _____ Zip: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
Telephone Number: (_____) _____
Social Security Number (Voluntary): _____
Employer Identification Number: _____
ASMC License#: _____

3. IDENTIFY THE OPERATOR FOR THIS MINE IF DIFFERENT FROM THE PERMITTEE

Name: Applicant
Street Address: _____
City: _____ State: _____ Zip: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
Telephone Number: (_____) _____
Social Security Number (Voluntary): _____
Employer Identification Number: _____
ASMC License#: _____

4. CONTACT PERSON FOR PERMIT REVIEW ISSUES AND CORRESPONDENCE

Name: Pete Parrish c/o PERC Engineering Co., Inc.
Mailing Address: Post Office Box 1712
City: Jasper State: AL Zip: 35502-1712
Telephone Number: (205) 384-5553

ALSO PLEASE COPY: Mark Fowler
Reed Minerals, Inc.
3199 Industrial Parkway
Jasper, AL 35501
Telephone: (205)295-2224

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PART I B. OWNERSHIP AND CONTROL

1. PERMIT APPLICANT OWNERSHIP AND CONTROL.

At the time of filing of this application provide an update of all information contained in the applicant's license file or certify that the information contained in the license is accurate and complete. The updated information shall be submitted on Part IA through Part IF of the License application form. Check one of the following

- A license update is included
- Information contained in the license file is accurate and complete at the time of filing of this application.
No update is included.

Following notification that the permit appears eligible for issuance, the applicant must certify that all information in this application and the license file pertaining to ownership and control, surface mining history and violation history is still valid or the applicant must submit the appropriate update information.

2. OPERATOR OWNERSHIP AND CONTROL.

If someone other than the permittee has been identified as the operator under this permit, an update of the ownership and control information contained in the operator's license file must be provided or certify that the information contained in the license file is accurate and complete. The updated information shall be submitted on Part I A through Part I F of the License application form. Check one of the following: **NOT APPLICABLE**

- A license update is included
- Information contained in the license file is accurate and complete at the time of filing of this application.
No update is included.

Following notification that the permit appears eligible for issuance, the applicant must certify that all information in this application and the license file pertaining to ownership and control, surface mining history and violation history is still valid or the applicant must submit the appropriate update information.

3. CONTROL OF MINING OPERATION THROUGH CONTROL OF COAL TO BE MINED.

Provide the information below for any person or entity who owns or controls the coal to be mined under this permit and who, by lease, sublease, or other contract:

- A. has the right to receive the coal after mining, or,
B. has the authority to determine the manner in which the operator or permittee conducts surface coal mining operations.

(USE ADDITIONAL SHEETS IN THE FORMAT BELOW IF NECESSARY)

Name: Applicant
Street Address: _____
City: _____ State: _____ Zip: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
Telephone: (____) _____ - _____
Social Security Number (Voluntary): _____ - _____ - _____
Employer Identification Number: _____
ASMC License Number: _____

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PART I C. PROPERTY OWNERSHIP, INTERESTS AND RIGHTS

1. OWNERSHIP OF PROPERTY TO BE MINED AND RIGHT OF ENTRY.

INSTRUCTIONS: Show the property ownership boundaries of each parcel of land in the permit area on the permit map or an overlay of the same scale as the permit map. If the surface estate is severed from the mineral estate, show and describe the ownership of each estate separately. In the spaces below, identify:

1. Every current legal or equitable owner(s) of record (as found in a standard search of title) of the property;
2. The holders of record of any leasehold interest in the property; and,
3. Any purchaser of record under a real estate contract of the property.

Describe the basis of the applicant's legal right to enter and mine on all properties contained in the permit application. If the mineral estate has been severed from the surface estate, describe the basis of the legal right to enter and mine both the surface and mineral separately. Give the nature of such right (i.e. lease, deed, contract, etc.), where recorded, describe from whom, to whom, and the date executed, and whether that right is the subject of pending litigation.

USE ADDITIONAL SHEETS IN THE FORMAT BELOW AS NECESSARY

Page 1 of 1

Legal description of property or permit map symbol: _____

Alabama Power Company (Fee)

Surface/Mineral/or Fee Simple (both): Fee Simple

Legal owner(s) of record: Alabama Power Company

Address: P. O. Box 2641 City: Birmingham State: AL Zip: 35291

Holders of leasehold interest: _____

Address: _____ City: _____ State: _____ Zip: _____

Purchasers under a real estate contract: _____

Address: _____ City: _____ State: _____ Zip: _____

Description of right to enter or mine:

Describe the type of document or conveyance which grants the right of entry, disturbance or mining. Indicate from whom the right was acquired and to whom the right was granted. If the grantor of the right is not the owner(s) of property, identify all grantors and grantees of the right beginning with the owner(s) and ending with the permit applicant.

Describe Right of Entry (If deed indicate where recorded):	Granted From:	Granted To:	Date Granted:	Litigation Pending? (Yes or No) If yes, explain.
Lease	Alabama Power Company	Reed Minerals, Inc.	03/01/09	No
	Reed Minerals, Inc.	Reed Minerals, Inc.	Pending	No

Applicant: Reed Minerals, Inc.
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PART I C. (CONTINUED)

2. OWNERSHIP OF SURFACE AND MINERAL LANDS CONTIGUOUS TO THE AREA TO BE MINED
INSTRUCTIONS:

Provide the information below for the owners of record of all surface and mineral properties contiguous to any part of the proposed permit area.

USE ADDITIONAL SHEETS AS NECESSARY IN THE FORMAT BELOW

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PAGE 1 of 1

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Name: Alabama Power Company
Address: P. O. Box 2641
City: Birmingham State: AL Zip: 35291
Interest owned (Surface, Coal or Fee Simple): Fee Simple
Type of Interest (Owner, Lease, or Other): Owner

Applicant: <u>Reed Minerals, Inc.</u>
Mine Name: <u>Jap Creek Mine</u>
Permit Number: P- <u>3808, 2014 Renewal</u>

PART I D. PERMIT AREA INFORMATION

1. Term Information

- a. Date original permit or subsequent renewal expires: 11-29-2014
- b. Term or original permit or subsequent renewal: 5 years
- c. Requested term of this permit renewal: 5 years
- d. Sequence number of this renewal: 2

2. Give the legal description of the land upon which the applicant proposes to conduct surface coal mining operations. List each quarter-quarter section, section, township, range, and county.

SE ¼ of SW ¼, SW ¼ of SE ¼, SE ¼ of SE ¼ of Section 30; NW ¼ OF NW ¼, NE ¼ OF NW ¼, SW ¼ OF NW ¼, SE ¼ OF NW ¼, SW ¼ OF SW ¼, SE ¼ OF SW ¼, NW ¼ OF SW ¼, NE ¼ OF SW ¼, NW ¼ of SE ¼, NW ¼ of NE ¼, SW ¼ OF NE ¼, NE 1/4 of NE 1/4 of Section 31 in Township 15 South, Range 6 West; NE ¼ OF NE ¼, SE ¼ OF NE ¼, SW ¼ OF NE ¼, NE ¼ OF SE ¼, NW ¼ OF SE ¼, SW ¼ OF SE ¼, SE ¼ OF SE ¼, NE ¼ OF SW ¼ OF Section 36 in Township 15 South, Range 7 West, NE ¼ OF NE ¼ OF Section 1 in Township 16 South, Range 7 West; NW ¼ OF NW ¼, NE ¼ OF NW ¼, SW ¼ OF NW ¼, SE ¼ OF NW ¼, NE ¼ OF SW ¼, SW ¼ OF NE ¼, NW ¼ OF SE ¼ OF Section 6 in Township 16 South, Range 6 West all in Walker County, Alabama

3. Give the acreage of the permit, each increment and the type of bonding.

a. Total permit renewal acreage: 534 acres

b. Give the acreage and type of bond for each mining increment:

<u>Increment</u>	<u>Acres</u>	<u>Type Bond Proposed</u>
1.	_____	<u>Phase III Bond Release</u>
2.	<u>84</u>	<u>Surety</u>
3.	<u>223</u>	<u>Surety</u>
4.	<u>172</u>	<u>Surety</u>
5.	_____	_____
6.	<u>55</u>	<u>Surety</u>

NOTE: (Areas that may be included in the renewal of a permit may include that part of the permit which has not been disturbed by mining and those incidental areas necessary to facilitate the mining operations. For underground mining, existing surface areas contained in the permit may be included in the renewal of a permit. No new acres may be added to the permit as a part of this renewal)

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PART I D. (CONTINUED)

5. List all other licenses and permits required to conduct mining operations including, but not limited to, MSHA I.D. and NPDES. Give the identification or permit number, the name and address of the issuing authority, and the status or date of approval or issuance of each:

Permit	ID or Permit Number	Issuing Authority	Address	Status or date of issuance
<u>MSHA ID</u>	<u>01-02996</u>	<u>MSHA</u>	<u>*</u>	<u>11/01/99</u>
<u>NPDES</u>	<u>AL0072613</u>	<u>ADEM</u>	<u>**</u>	<u>11/01/99</u>

* 228 West Valley Avenue, Birmingham, AL 35209

** 1400 Coliseum Boulevard, Montgomery, AL 36110-2059

6. Did the applicant receive assistance from the Small Operator Assistance program in preparing this application? ()YES (X)NO.
If YES, list SOAP I.D. Number: _____
7. Submit a certificate of proof of Liability Insurance with this application. (See ASMC Master File)
8. Describe any changes at the mining operation (on-site) which are different from the information given in the original permit application, earlier renewals, or revisions. Examples of such changes would be: previously undetected conditions which are creating adverse environmental effects, changes in the permit application such as the operating plan, reclamation timetable, or post-mining land use. In the case of underground mining operations, the anticipated underground development planned for the term of the renewal shall be described along with a subsidence control plan for the area. This plan is to be in the format of the subsidence control plan found in the permit application. None

PART I E. PUBLIC NOTICE AND AVAILABILITY FOR INSPECTION

1. Give the name of the approved public office in which a copy of this application will be filed for public inspection following notification of completeness: <http://surface-mining.alabama.gov/PermitApplications.html>
2. Enclose a copy of the notice of filing of this application which will appear in a newspaper of general circulation in the vicinity of the mine and identify the name of the newspaper: The following notice will appear in the Daily Mountain Eagle:

NOTICE OF APPLICATION TO RENEW A PERMIT FOR A SURFACE COAL MINE

Pursuant to Rule 880-X-8M.08, Reed Minerals, Inc., 3699 Industrial Parkway, Jasper, AL 35501, hereby gives notice that it has filed an application to renew permit P-3808-64-14-S for its Jap Creek Mine located in the SE ¼ of SW ¼, SW ¼ of SE ¼, SE ¼ of SE ¼ of Section 30; NW ¼ of NW ¼, NE ¼ of NW ¼, SW ¼ of NW ¼, SE ¼ of NW ¼, SW ¼ of SW ¼, SE ¼ of SW ¼, NW ¼ of SW ¼, NE ¼ of SW ¼, NW ¼ of SE ¼, NW ¼ of NE ¼, SW ¼ of NE ¼, NE ¼ of NE ¼ of Section 31 in Township 15 South, Range 6 West; NE ¼ of NE ¼, SE ¼ of NE ¼, SW ¼ of NE ¼, NE ¼ of SE ¼, NW ¼ of SE ¼, SW ¼ of SE ¼, SE ¼ of SE ¼, NE ¼ of SW ¼ of Section 36 in Township 15 South, Range 7 West, NE ¼ of NE ¼ of Section 1 in Township 16 South, Range 7 West; NW ¼ of NW ¼, NE ¼ of NW ¼, SW ¼ of NW ¼, SE ¼ of NW ¼, NE ¼ of SW ¼, SW ¼ of NE ¼, NW ¼ of SE ¼ of Section 6 in Township 16 South, Range 6 West all in Walker County, Alabama, for a period of five (5) years.

A copy of this application is available for public inspection on the Alabama Surface Mining Commission website at: <http://surface-mining.alabama.gov/PermitApplications.html>. Written comments, objections, or requests for informal conferences concerning the proposed permit renewal should be sent to the Alabama Surface Mining Commission, Post Office Box 2390, Jasper, Alabama 35502-2390, within thirty (30) days from the last publication of this notice.

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Part VI - Verification of Permit Application

I, the undersigned operator and holder of an ASMC license, do hereby submit this as my application for a permit to engage in surface coal mining operations and certify that the information in the application is true and correct to the best of my information and belief. This application is submitted in conformance with the rules and regulations of the Commission and it is agreed that any operations pursuant to the permit will be conducted in accordance with those rules and regulations. I further certify that I will keep the Commission advised of any change of facts as may pertain to the license information or this permit application.

Reed Minerals, Inc. License No. L-459

Licensee:

By:

Justin Burggraff, President

STATE OF ALABAMA)
)
WALKER COUNTY)

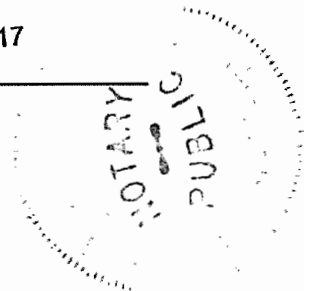
Before me, the undersigned authority, personally appeared Justin Burggraff, who being duly sworn upon oath, deposed and said, that he has read the foregoing application, that he is the responsible official of the applicant who executed the application, that the facts and matters contained therein are true and correct to the best of his information and belief, and that he executed the same for the purposes therein expressed.

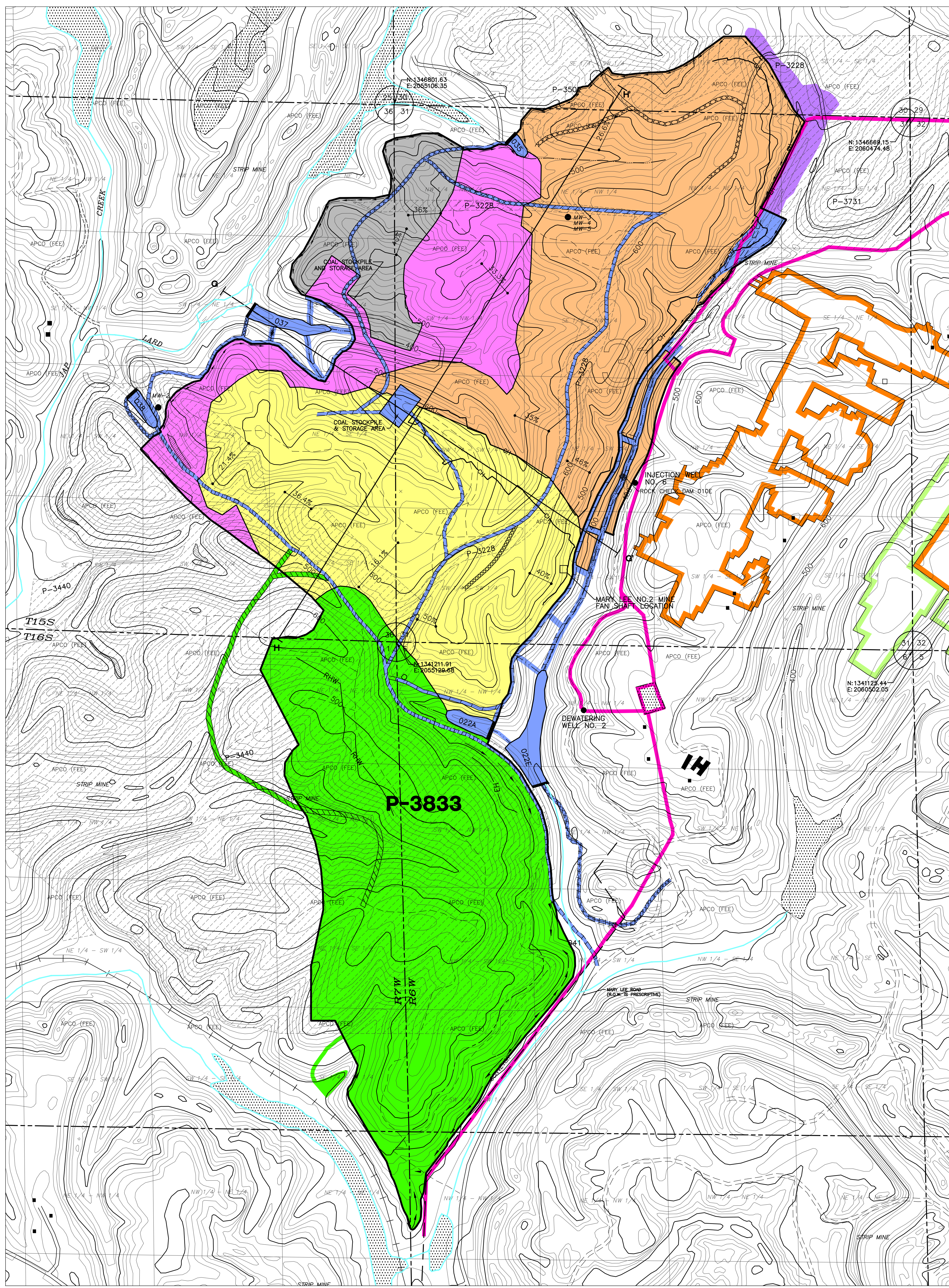
Sworn to and subscribed before me, this 1 day of October, 2014.

Anita Atkins
Notary Public

MY COMMISSION EXPIRES 9/30/17

Commission Expires





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

Base Map - Good Springs, Alabama
United States Geological Survey
Quadrangle Map.

- NATURE OF REVISION R-19**
- Correct Acreage in Increment No. 5 from 43 Acres to 26 Acres.
 - Transfer 26 Mining Acres From Increment No. 5 to Increment No. 1.
- NATURE OF REVISION R-20**
- Add 3.0 Mining Acres to Increment No. 3.
 - Request to Extend the Topsoil Variance to Cover the Newly Added Area.
- NATURE OF REVISION R-21**
- Add 6.0 Mining Acres to Increment No. 3.
 - Add 3.0 Incidental Acres for Access to Increment No. 6.
 - Request to Extend the Topsoil Variance to Cover the Newly Added Area.

- NATURE OF REVISION R-22**
- Add 6.0 Mining Acres to Increment No. 3.
 - Transfer 51.0 Mining Acres from Increment No. 3 to Increment No. 2.
 - Transfer 5.0 Incidental Acres from Increment No. 6 to Increment No. 2.
 - Transfer 14.0 Mining Acres from Increment No. 2 to Increment No. 3.
 - Transfer 22.0 Mining Acres from Increment No. 2 to Increment No. 4.
 - Transfer 23.0 Mining Acres from Increment No. 2 to Increment No. 2.
 - Request to Extend an Ancillary Road Located within the SE/NE of Section 36.
 - Request to Extend the Topsoil Variance to Cover the Newly Added Area.
 - Request to Increase the Grading Waiver from 20 Acres to 50 Acres on Increments No. 3 and No. 4.

- NATURE OF REVISION R-23**
- Update the Operation Plan to Allow Spoil Material to be Transported and Used on P-3731 as Reclamation Cover Material.

LEGEND

- Permit Boundary
- Surface Contour
- Sediment Basin
- Perennial Stream
- Intermittent Stream
- Natural Drainage Course
- Drainage Divide
- Slope Measurement
- Reclamation Cross Section
- Property Ownership Line Other Than Forty Line
- Represents Both Surface and Mineral Ownership
- Represents Surface Ownership
- Represents Mineral Ownership
- Diversion Ditch /Berm
- Occupied Dwelling
- Unoccupied Dwelling (Barn, Shed, etc.)
- Private Impoundment
- County Road (Paved unless otherwise designated)
- Road (Private unless otherwise shown)
- Haul Road (Permitted under P-3228 & P-3440)
- Ancillary Road
- Existing Highway
- CH - Current Highway (Determined by Mine Survey on 5/31/2013)
- Previously Disturbed Area
- Previously Permitted Area
- Permitted Under P-3833 (Currently Being Mined)
- Permitted Under P-3731
- P-3731 Underground Mine Progress
- P-3731 Underground Mine Projections
- Monitoring Well
- Coal Stockpile Area
- P-3731 Reclamation Area
- Alabama West Zone NAD83 State Plane Coordinates in Feet

- NOTES**
- All Buildings Within 1000' of Permit Area Are Shown.
 - Surface and Mineral Ownership are by Forties Unless Otherwise Shown.
 - No Topsoil Stockpiles are Shown Due to a Request For a Topsoil Variance.
 - This Site is Within the Walker County Sheriff's Jurisdiction and is not Within a Municipality.
 - Permit Area was Previously Permitted under P-3758.
 - The Entire Permit Area is Underlain by Drummond Company Inc's Mary Lee No. 2 Mine (Approximately 400' Below the Elevation of the American Coal Seam).
 - Underground Mine Progress Map Copied From ASMC P-3731, Prepared and Certified by McCabe Engineering Corp.

- ORIGINAL BOND LEGEND**
- Area Permitted Under Increment No. 1, 81 Acres.
 - 81 Acres Mining Area.
 - Area Permitted Under Increment No. 2, 59 Acres.
 - 59 Acres Mining Area.
 - Area Permitted Under Increment No. 3, 100 Acres.
 - 100 Acres Mining Area.
 - Area Permitted Under Increment No. 4, 59 Acres.
 - 59 Acres Mining Area.
 - Area Permitted Under Increment No. 5, 118 Acres.
 - 118 Acres Mining Area.
 - Area Permitted Under Increment No. 6, 48 Acres.
 - 15 Acres Basins 022E, 022A, 03E, 03E, 037, 037A, 038P, Rock Check Dam 016E & Access 31 Acres Haulroads 3 Acres Coal Stockpile, Office, Equipment Storage Area.
- Total Permitted Area..... Acres 565.

- NATURE OF REVISION R-1**
- Delete 5.0 Acres Undisturbed Mining Acres from Increment No. 1.
 - Delete 5.0 Undisturbed Mining Acres from Increment No. 3.
 - Transfer 19.0 Mining Acres from Increment No. 3 to Increment No. 4.
 - Transfer 18.0 Mining Acres from Increment No. 3 to Increment No. 5.
 - Transfer 51.0 Mining Acres from Increment No. 4 to Increment No. 5.
 - Add 11.0 Mining Acres to Increment No. 4.
 - Transfer 1.0 Mining Acres from Increment No. 3 to Increment No. 6 for the Purpose of a Haulroad.
 - A Request to Condition the Reclamation Plan to Allow for a Maximum of 20 Ungraded Acres.

- NATURE OF REVISION R-2**
- Delete 3.0 Undisturbed Mining Acres from Increment No. 1.
 - Transfer 3.0 Undisturbed Mining Acres from Increment No. 3 to Increment No. 4.
 - Transfer 2.0 Undisturbed Mining Acres from Increment No. 5 to Increment No. 6 (Powder Bins & Office).

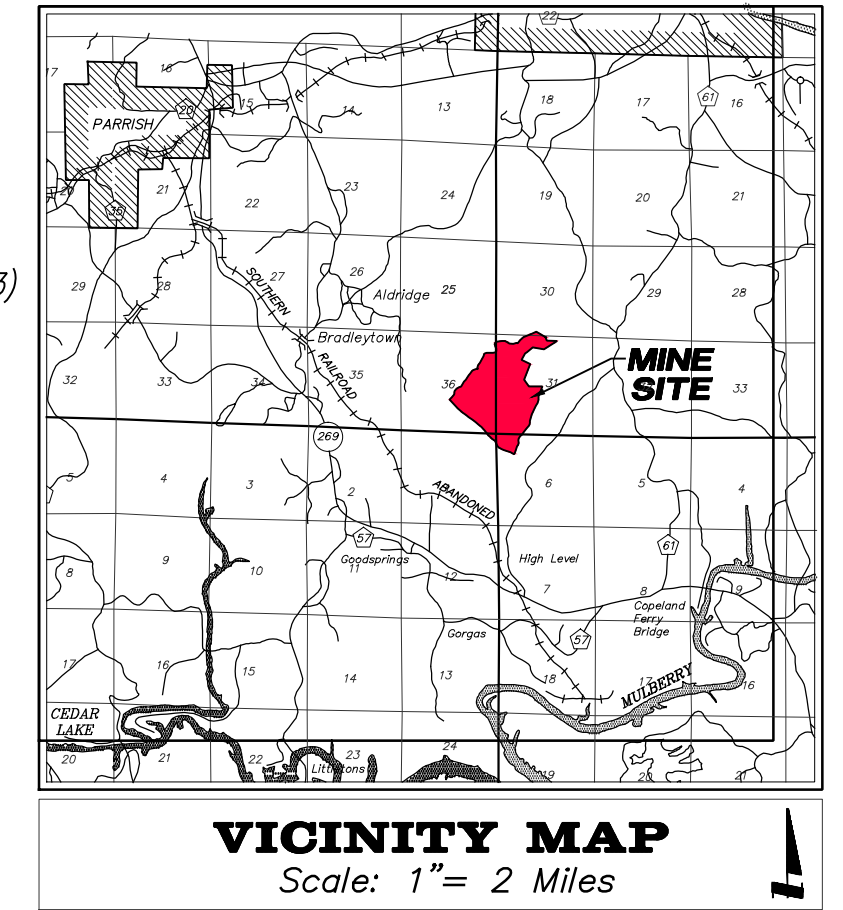
- NATURE OF REVISION R-3**
- Area Transferred from Increment No. 1 to Increment No. 6 for Coal Stockpile and Storage Area, 3.0 Acres.
 - Area Deleted from Increment No. 4 as Undisturbed Area, 2.0 Acres.
 - Area Deleted from Increment No. 3 as Unbonded - Undisturbed Area 15.0 Acres.
 - Area Transferred from Increment No. 1 to Increment No. 3 for Mining Area 2.0 Acres.
 - Area Transferred from Increment No. 2 to Increment No. 3 for Mining Area 3.0 Acres.

- NATURE OF REVISION R-4**
- Area Transferred from Increment No. 2 to Increment No. 5 for Mining Area, 25.0 Acres.
 - Area Transferred from Increment No. 5 to Increment No. 4 for Mining Area 52.0 Acres.

- NATURE OF REVISION R-5**
- Area Transferred from Increment No. 5 to Increment No. 2 for Mining Area, 59 Acres.
 - Area Added to Increment No. 3 for Mining Area, 12 Acres.
 - Area Transferred from Increment No. 5 to Increment No. 3 for Mining Area, 18 Acres.
 - Area Deleted from Increment No. 3 as Undisturbed, 5 Acres.
 - Request to Update the Operations Plan to add Coal Auger Operations.
 - Request to Update the Operations Plan through the Reclamation and advancement of cuts.
 - Area Added to Increment No. 6 for Drainage Course (No Acreage Change)

- NATURE OF REVISION R-6**
- Area Transferred from Increment No. 2 to Increment No. 5 for Mining Area, 49 Acres.
 - Area Transferred from Increment No. 4 to Increment No. 6 for Coal Stockpile, Storage Areas & Roads, 4 Acres.
 - Area Transferred from Increment No. 3 to Increment No. 2 for Mining Area, 10 Acres.
 - Area Transferred from Increment No. 4 to Increment No. 2 for Mining Area, 25 Acres.
 - Area Transferred from Increment No. 2 to Increment No. 4 for Mining Area, 10 Acres.
 - Area Added to Increment No. 3 for Mining Area, 3 Acres.
 - Show Location of Mary Lee No. 2 Mine Fan Shaft.

- NATURE OF REVISION R-7**
- Area added to Increment No. 3 for Mining Area, 2 Acres.
 - Area Transferred from Increment No. 5 to Increment No. 3, 5 Acres.
 - Area added to Increment No. 5 for Mining Area, 22 Acres.
 - Area Transferred from Increment No. 1 to Increment No. 6, 2 Acres for Equipment Storage Area.
 - Area Added to Increment No. 3 for Mining Area, 3 Acres.
 - Area Transferred from Increment No. 5 to Increment No. 4, 18 Acres.
 - Request to Update the Operations Plan.
 - Request to Extend the Topsoil Variance to cover the Newly Added Area.
 - Add Primary Road 4P to Increment No. 6 (No Acreage Change).



- NATURE OF REVISION R-8**
- Add 20.0 Mining Acres to Increment No. 3.
 - Transfer 11.0 Mining Acres from Increment No. 5 to Increment No. 1.
 - Transfer 2.0 Mining Acres from Increment No. 2 to Increment No. 3.
 - Transfer 2.0 Mining Acres from Increment No. 5 to Increment No. 4.
 - Transfer 1.0 Mining Acres from Increment No. 5 to Increment No. 6 for Access.
 - Request to Update the Operations Plan.
 - Request to Extend the Topsoil Variance to cover the Newly Added Area.

- NATURE OF REVISION R-9**
- Delete 2.0 Bonded & Undisturbed Incidental Acres (A portion of Primary Road 1P) from Increment No. 6.
 - Transfer 2.0 Mining Acres from Increment No. 1 to Increment No. 6 for a portion of an Ancillary road.
 - Add 0.40 Incidental Acres to Increment No. 6 for a portion of an Ancillary Road (No acreage change)

- NATURE OF REVISION R-10**
- Transfer 3.0 Mining Acres from Increment No. 2 to Increment No. 3.
 - Transfer 1.0 Mining Acres from Increment No. 1 to Increment No. 3.
 - Transfer 10.0 Mining Acres from Increment No. 5 to Increment No. 3.
 - Add 3.0 Mining Acres to Increment No. 3.
 - Add 29.0 Mining Acres to Increment No. 3.
 - Request to Update the Operations Plan.
 - Request to Extend the Topsoil Variance to cover the newly added area.

- NATURE OF REVISION R-11**
- Transfer 3.0 Mining Acres from Increment No. 1 to Increment No. 3.

- NATURE OF REVISION R-12**
- Transfer 13.0 Mining Acres from Increment No. 5 to Increment No. 4.
 - Transfer 1.0 Incidental Acres from Increment No. 6 to Increment No. 4.
 - Update the Operations Plan.
 - Request to Modify Existing Primary Road 1P (No Acreage Change).

- NATURE OF REVISION R-13**
- Add 23.0 mining acres to Increment 3.
 - Add 1.0 incidental acre to Increment 3 for an access road.
 - Transfer 1.0 mining acre from Increment No. 5 to Increment No. 3.
 - Transfer 8.0 mining acres from Increment No. 5 to Increment No. 3.
 - Transfer 5.0 mining acres from Increment No. 1 to Increment No. 3.
 - Request to Update the Operations Plan.
 - Request to Extend the Topsoil Variance to cover the newly added area.
 - Update the Geology Section to include a Hydro-Geo Map, Cross-Section and Hydrologic Monitoring Plan Map.

- NATURE OF REVISION R-14**
- Transfer 21.0 mining acres from Increment No. 5 to Increment No. 4.
 - Transfer 5.0 incidental acres from Increment No. 6 to Increment No. 4 for Mining Area.
 - Transfer 0.20 acres from Increment No. 5 to Increment No. 4 (No Acreage Change).
 - Transfer 2.0 Mining acres from Increment No. 3 to Increment No. 2.
 - Request to Update the Operations Plan.

- NATURE OF REVISION R-15**
- Add 1.0 mining and incidental acres to Increment No. 3.
 - Add 28 mining acres to Increment No. 5.
 - Request to Update the Operations Plan.
 - Request to Extend the Topsoil Variance to cover the newly added area.

- NATURE OF REVISION R-16**
- Transfer 23 Mining Acres From Increment No. 5 to Increment No. 4
 - Transfer 22 Mining Acres From Increment No. 5 to Increment No. 3
 - Add 1 Acre For Haul Road 4P Road Added to Increment No. 6
 - Request to Update the Operations Plan
 - Request to Add Ancillary Road
 - Request For Delay in Highwall Reclamation Within Increment No. 4 Along North West End Of Cuts
 - Request For Delay in Highwall Reclamation Within Increment No. 3 Along South End Of Cuts

- NATURE OF REVISION R-17**
- Transfer 12 Mining Acres From Increment No. 5 to Increment No. 4
 - Request to Update the Operations Plan Out Sequence Numbers
 - Update Hydrologic Monitoring Plan

- NATURE OF REVISION R-18**
- Transfer 17 Mining Acres From Increment No. 4 to P-3833
 - Transfer 18 Mining Acres From Increment No. 5 to Increment No. 4
 - Transfer 14 Mining Acres From Increment No. 3 to Increment No. 4
 - Request To Update The Operations Plan Out Sequence Numbers

- POST R-23 BOND LEGEND**
- Area Permitted Under Increment No. 1, 41 Acres.
 - 41 Acres Mining Area. (Phase II Bond Release)
 - Area Permitted Under Increment No. 2, 84 Acres.
 - 84 Acres Mining Area.
 - Area Permitted Under Increment No. 3, 223 Acres.
 - 223 Acres Mining Area.
 - Area Permitted Under Increment No. 4, 172 Acres.
 - 172 Acres Mining Area.
 - Area Permitted Under Increment No. 5, 0 Acres.
 - 0 Acres Mining Area.
 - Area Permitted Under Increment No. 6, 55 Acres.
 - 15 Acres Basins 022E, 022A, 03E, 03E, 037, 038P, Rock Check Dam 016E, Drainage Courses & Access 30 Acres Haulroads 4 Acres Coal Stockpile & Equipment Storage Area 5 Acres Access Road
- Total Permitted Area..... Acres 534.

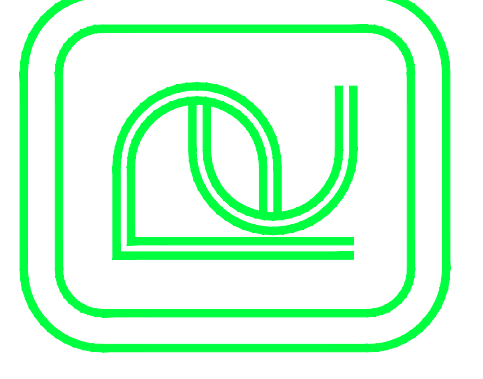
Leslie G. Stephens, P.L.S. & P.E.
AL Reg. No. 14117-E

REVISIONS

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

PERMIT AND VICINITY MAP
REED MINERALS, INC.
JAP CREEK MINE
RENEWAL 2014
Sec. 36 T15S, R7W
Part of Sec. 6 T16S, R6W
Part of Sec. 1 T16S R7W
Walker County, Alabama

PERK
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(205) 384-9491 Fax
(205) 384-5553 Office



RJMP223.dwg

Date: June 3, 2013

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.