

**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

**APPLICATION FOR EXEMPTION**

(Exemption for Coal Extraction Incidental to  
the Extraction of Other Minerals)

**880-X-2E**

**UNDER THE  
ALABAMA SURFACE MINING CONTROL AND RECLAMATION ACT**

ASMC Exemption Application No.: **E-0057**

Section I Administrative Information  
Section II Exemption Basis  
Section III Maps and Drawings

**BUNN BROTHERS MATERIALS, INC.**  
**MARION COUNTY ROCK, E-0057**

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**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

**APPLICATION FOR EXEMPTION  
(880-X-2E)  
ALABAMA SURFACE MINING COMMISSION  
SECTION I  
ADMINISTRATIVE INFORMATION**

**GENERAL INFORMATION**

**880-X-2E-.05(1)**

1. Applicant Name: Bunn Brothers Materials, Inc.  
Telephone: (205) 752-8195 Fax: NONE  
Business Street Address: 1904 University Blvd., Tuscaloosa, Al, 35401  
Business Mailing Address: 619 County Road 30, Winfield, Al, 35594  
(The applicant assumes responsibility for mail delivered to the business street address and will notify ASMC of changes in this address.)  
As Applicable: Social Security Number: \_\_\_\_\_  
Employer Identification Number: 63-0803319

2. Identify the operator.

Name: Bunn Brothers Materials, Inc. Phone: (205) 465-2202  
Business Street Address: 619 County Road 30, Winfield, Al, 35594  
Business Mailing Address: 619 County Road 30, Winfield, Al, 35594  
As Applicable: Social Security Number: \_\_\_\_\_  
Employer Identification Number: 63-0803319

**880-X-2E-.05(8)**

3. Mine Name/Number: Marion County Rock  
Location (County): Marion County  
Acreage to be exempted: 215 Acres  
Estimated Disturbed Acreage: 215 Acres

**880-X-2E-.05(7)**

4. USGS Quadrangle (name and number): Gold Mine Ala. 34087-A6-TF-024  
Latitude: 34°00'27.72" Longitude: 87°41'29.93"  
Designation of nearest intersection of two public roads:  
½ mile east of intersection of Alabama Highway 233 and Marion County Co. Road 30  
Nearest Community: Brilliant Major Watershed: New River

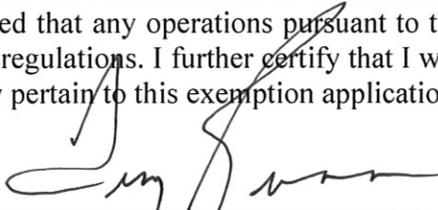
5. Consulting firm providing data:  
Firm: McGehee Engineering Corp. Address: P. O. Box 3431, Jasper, AL 35502-3431  
Person to Contact: Jordan McGehee  
Phone: (205) 221-0686 Fax: (205) 221-7721 Email: jordan@mcgehee.org

BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057

6. VERIFICATION OF EXEMPTION APPLICATION

I, the undersigned operator do hereby submit this as my application for exemption from coal mining regulations and certify that the information in the revision application is true and correct to the best of my information and belief. This exemption application is submitted in conformance with 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 changes of facts as may pertain to this exemption application.

Date: 9/16/16

  
\_\_\_\_\_  
Responsible Official

Terry Bunn, President  
Name and Title

STATE OF ALABAMA >>>

COUNTY OF TUSCALOOSA >>>

Before me, the undersigned authority, personally appeared Terry Bunn who being duly sworn upon oath, deposed and said, that he has read the foregoing exemption 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 the 16<sup>th</sup> day of September, 2016.



  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_ My Commission Expires  
7/18/2020

{SEAL}

**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

**880-X-2E-.05(15)**

7. A. Does the applicant have pending or active permits or exemptions for lands contiguous to this proposed exemption area?

(XX) Yes ( ) No If yes, provide the following information.

Application /Exemption or Permit No.	Applicant or Permittee	County	Type of Operation	Acreage
<u>N.P.D.E.S. AL0070289</u>	Bunn Brothers Materials, Inc.	Marion	Sandstone	<u>113</u>

<u>DIR PERMIT NO. 014839</u>	Bunn Brothers Materials, Inc.	Marion	Sandstone	<u>215</u>
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- B. Has the proposed exemption area, or portions of the proposed exemption area been previously permitted or exempted?

(XX ) Yes ( ) No

If yes, provide the following information.

Exemption or Permit No.	Permittee	County	Type of Operation	Acreage
<u>N.P.D.E.S. AL0070289</u>	Bunn Brothers Materials, Inc.	Marion	Sandstone	<u>37</u>

<u>A.S.M.C. P-3399</u>	Prescott & Sons Coal Co., Inc.	Marion	Underground	<u>9</u>
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<u>DIR PERMIT NO. 014839</u>	Bunn Brothers Materials, Inc.	Marion	Sandstone	<u>113</u>
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<u>A.S.M.C. P-1371</u>	RB Coal	Marion	Surface	<u>61</u>
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<u>A.S.M.C. ***E-0043</u>	Bunn Brothers Materials, Inc.	Marion	Sandstone/Coal	<u>59</u>
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Delineate the boundaries of the previously permitted or exemption areas on the [Mining Area Map \[2\]](#).

\*\*\* See attached letter requesting the voluntary termination of E-0043 simultaneous with the issuance of this exemption application along with a commitment to provide uninterrupted annual reports of sandstone and coal production and sales.

Alabama Department of Environmental Management  
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463  
Montgomery, Alabama 36130-1463  
(334) 271-7700 ■ FAX (334) 271-7950

December 14, 2015

Terry Bunn  
President  
Bunn Brothers Materials, Inc.  
1904 University Blvd  
Tuscaloosa, AL 35401

RE: Final Permit  
Marion County Rock  
NPDES Permit No. AL0070289  
Marion County (093)

Dear Mr. Bunn:

Enclosed is the issued National Pollutant Discharge Elimination System (NPDES) permit for the above referenced facility. The issuance, effective, and expiration dates of the permit are specified on the cover page.

Comments were not received during the public comment period.

Please see Parts I.C. and I.D. of the permit for monitoring and reporting requirements. Copies of the DMR forms are enclosed. The original DMR forms should be retained for your records. The original signature of a principal executive officer or authorized agent must appear on all DMRs submitted to the Department. The principal executive officer must submit, in writing, authorization allowing a designated agent to sign DMR forms submitted to the Department. The submittal must specify either an individual or a position having responsibility for the overall operations of the regulated facility or activity. **Use of the enclosed forms is required for future report submittals for this facility.**

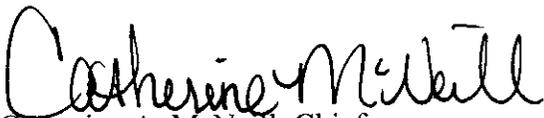
Please be advised that pursuant to Part II.C.1 of the enclosed permit, you are allowed to continue with work related to the implementation of the Pollution Abatement/Prevention Plan for the proposed outfalls, including the construction of sedimentation basins. Any mining or processing activity conducted prior to Departmental receipt of certification from a professional engineer licensed to practice in the State of Alabama, that the Pollution Abatement/Prevention Plan for the proposed outfalls was implemented according to the design plan, or notification from the Alabama Surface Mining Commission that the sediment control structures have been certified, is prohibited. Please be advised that pursuant to ADEM Admin. Code r. 335-6-6-.05, this permit will automatically expire eighteen (18) months after the permit issuance date if construction, as defined by ADEM Admin. Code r. 335-6-6-.02(g), or mining has not commenced.

Please be aware that your permit requires you to apply for participation in the Department's web-based electronic environmental (E2) reporting system for submittal of DMRs within 180 days of the effective date of this permit unless valid justification as to why you cannot participate is submitted in writing. After 180 days, hard copy DMRs may be used only with written approval from the Department. The E2 DMR system allows ADEM to electronically validate, acknowledge receipt, and upload data to the state's central wastewater database. This improves the accuracy of reported compliance data and reduces costs to both the regulated community and ADEM. The Permittee Participation Package may be downloaded online at <https://e2.adem.alabama.gov/npdes> or you may obtain a hard copy by submitting a written request or by emailing [e2admin@adem.alabama.gov](mailto:e2admin@adem.alabama.gov).

The Department encourages you to voluntarily consider additional pollution prevention practices/alternatives at your facility which may assist you in complying with effluent limitations, and possibly reduce or eliminate pollutant discharges.

Should you have any questions concerning this matter, please contact Jasmine Martin by email at [jasmine.martin@adem.state.al.us](mailto:jasmine.martin@adem.state.al.us) or by phone at (334) 270-5622.

Sincerely,



Catherine A. McNeill, Chief  
Mining and Natural Resource Section  
Stormwater Management Branch  
Water Division

CAM/jm File: FPER/7912

Enclosure

cc: Jasmine Martin, ADEM  
Environmental Protection Agency Region IV  
Alabama Department of Conservation and Natural Resources  
U.S. Fish and Wildlife Service  
Alabama Historical Commission  
Advisory Council on Historic Preservation  
Alabama Department of Labor



# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM INDIVIDUAL PERMIT

PERMITTEE: Bunn Brothers Materials, Inc.  
1904 University Blvd.  
Tuscaloosa, AL 35401-1520

FACILITY LOCATION: Marion County Rock  
619 County Rd 30  
Winfield, AL 35594  
Marion County  
T12S, R11W, S16

PERMIT NUMBER: AL0070289

DSN & RECEIVING STREAM:

DSN Receiving Water  
003-1 Unnamed Tributary to New River

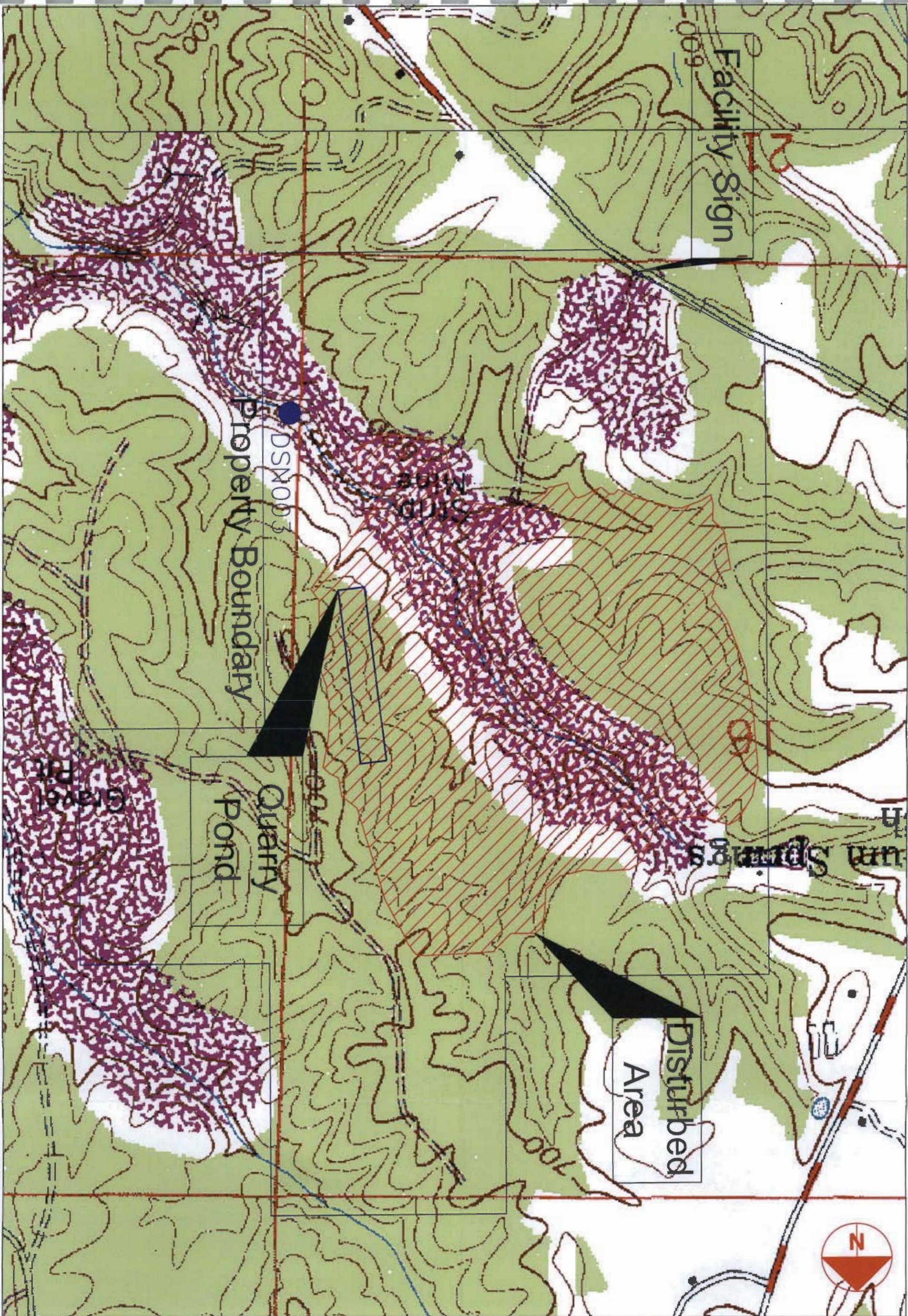
*In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-16, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.*

ISSUANCE DATE: December 14, 2015

EFFECTIVE DATE: January 1, 2016

EXPIRATION DATE: December 31, 2020

*GLENN L. DEAN*  
Alabama Department of Environmental Management



Facility Sign

Property Boundary

DSM003

Quarry Pond

Disturbed Area



JOB NUMBER: 7515053	SCALE: 1:500
DATE: 09/25/14	
DRAWN BY: EAF	
CHECKED BY:	
SHEET NO. 1 OF 1	FILE:
REVISIONS	DATE:

S.T. Bunn  
Marion County Rock

**CFM Group**  
Civil and Environmental Engineers,  
Scientists, Planners, and Surveyors

2135 University Blvd.,  
Suite A  
Tuscaloosa, Alabama. 35401  
(205) 752-4037



**Robert Bentley**  
GOVERNOR

**Fitzgerald Washington**  
COMMISSIONER

**STATE OF ALABAMA**  
DEPARTMENT OF LABOR

December 15, 2015

Terry Bunn  
Bunn Brothers Materials, Inc.  
1904 University Blvd.  
Tuscaloosa, AL 35401

Dear Mr. Bunn:

Please find enclosed Permit Number 014839 which is File Number 49-Bunn Brothers-1. This permit authorizes you to engage in surface mining on the lands described in the permit, provided that all other permits required under other statutes have been obtained.

Sincerely,

A handwritten signature in black ink that reads "Fitzgerald Washington". The signature is written in a cursive, flowing style.

Fitzgerald Washington  
Commissioner

FWYL/rr/124

Form: DIR-ASM-3  
(Rev. 10/12)

STATE OF ALABAMA  
DEPARTMENT OF LABOR  
649 Monroe Street  
Montgomery, AL 36131

Permit No. 014839

Permit Fee Paid \$ 250.00  
Amended Permit Fee Paid \$ \_\_\_\_\_  
Bonded Acres 106.00  
Additional Acres \_\_\_\_\_  
Total Acres 106.00



Effective Date 11/23/2015  
Expiration Date 11/23/2016  
File No. 49-Bunn Brothers-1

PERMIT TO ENGAGE IN SURFACE MINING OF Sandstone

Issued to

Bunn Brothers Materials, Inc. 1904 University Boulevard Tuscaloosa, AL 35401

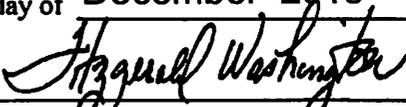
Pursuant to Sections 4, 5 & 6, Alabama Surface Mining Act of 1969, a permit is hereby granted to engage in Surface Mining in the State of Alabama at the following location:

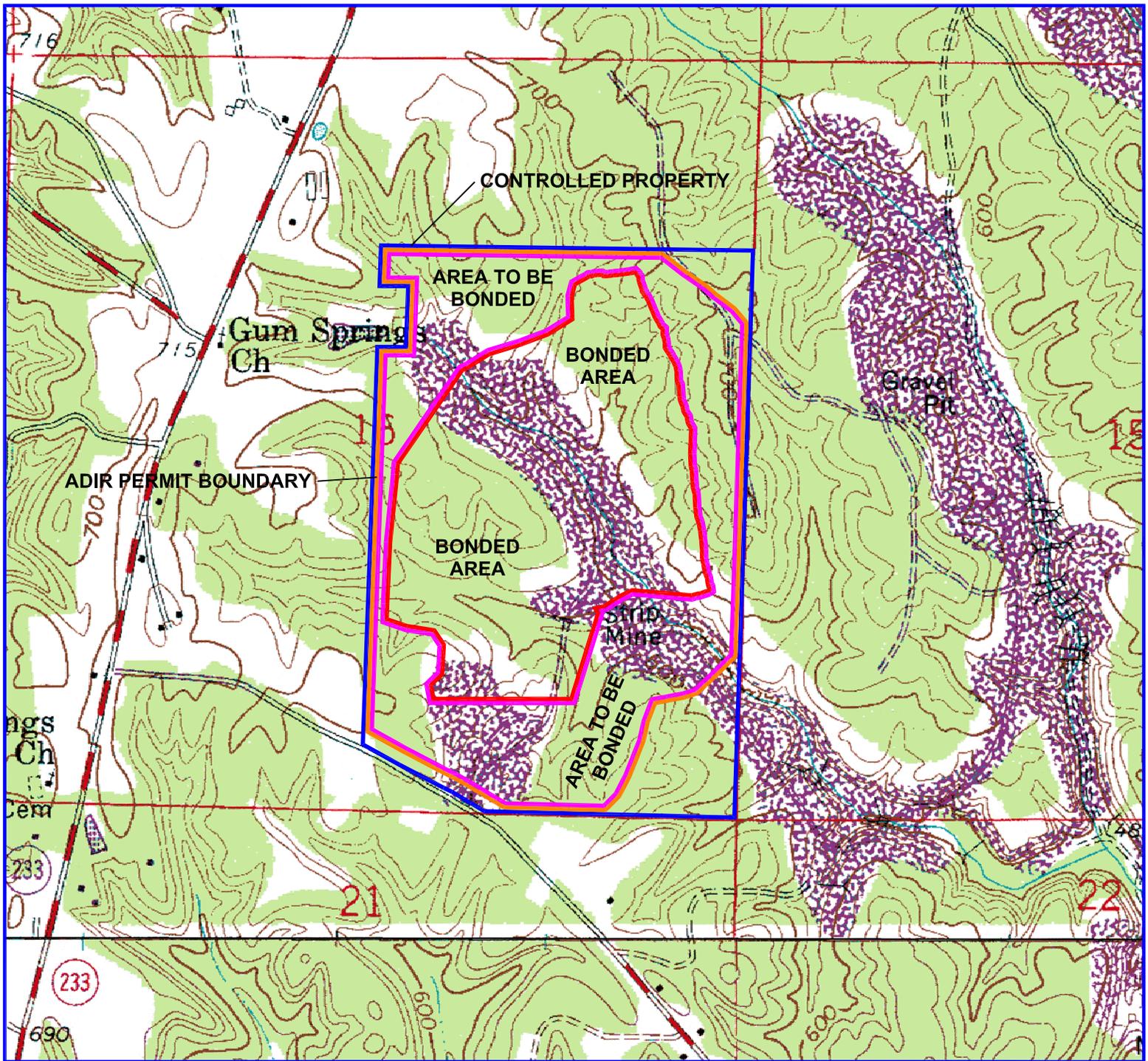
County: Marion Section(s): 16 Township(s): 12S Range(s): 11W  
Portions of the SE 1/4 and the NE 1/4, the SW 1/4 of the NE 1/4, the NE 1/4 of the SE 1/4, the NW 1/4 of the SE 1/4, the SW 1/4 of the SE 1/4, and the SE of the SE 1/4

Access: From the intersection of County Highway 30 and Alabama Highway 233 in Marion County, AL, travel East on County Highway 30 for approximately 0.25 mile. The entrance to the site is on the left.

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in the Alabama Surface Mining Act of 1969 and such Rules and Regulations as are promulgated pursuant thereto by the Act.

Issued this 15th day of December 2015

  
\_\_\_\_\_  
Commissioner, Alabama Department of Labor



-  CONTROLLED PROPERTY BOUNDARY (237 ACRES)
-  TOTAL ADIR PERMIT BOUNDARY (215 ACRES)
-  CURRENTLY BONDED AREA (106 ACRES)
-  AREA TO BE BONDED (109.0 ACRES)



## BUNN BROTHERS MATERIALS, INC.

### MARION COUNTY ROCK ADIR PERMIT 8544 AMENDMENT MAP

**MEC**  
**mcgehee engineering corp**  
 post office box 3431  
 jasper, alabama 35502-3431  
 telephone: (205) 221-0686 fax: 221-7721  
 email: cw@mcgehee.org

SECTION 16,  
 TOWNSHIP 12 SOUTH, RANGE 11 WEST,  
 ALL IN MARION COUNTY, ALABAMA  
 BASE MAP: GOLD MINE U.S.G.S. QUADRANGLE

FILE: <b>BBM-MCR</b>	SCALE: <b>1" = 1,000'</b>	JOB NO.:
APPROVED BY: <b>C.W.M.</b>	DATE: <b>09/13/16</b>	SHEET NO.: <b>1 OF 1</b>



1904 University Boulevard  
Tuscaloosa, Alabama 35401  
Phone: (205) 752-8195 • Fax (205) 349-4288

Tuscaloosa Quarry Office  
(205) 556-6172

Marion County Rock Office  
(205) 465-2202

October 24, 2016

Johnathan Hall, Director  
**Alabama Surface Mining Commission**  
P.O. Box 2390  
Jasper, AL 35502

RE: **Bunn Brothers Materials, Inc.**  
Marion County Rock  
Exemption Application

Dear Mr. Hall:

Bunn Brothers Materials, Inc. currently has a new application for exemption for coal extraction incidental to the extraction of other minerals under review at ASMC for its Marion County Rock operation. Bunn Brothers Materials, Inc. has an approved exemption (E-0043) for the Marion County Rock operation issued by ASMC on May 16, 2001. The new exemption application boundary includes or subsumes the entire boundary of exemption E-0043. Through this letter, Bunn Brothers Materials, Inc. requests that Exemption E-0043 be voluntarily terminated upon issuance or simultaneously with the issuance of the new exemption application. Annual reports required by ASMC Regulations will continue to be submitted to ASMC uninterrupted (2016 report due in 2017) for the Marion County Rock operation.

Please contact us with any instructions, precautions or suggestions concerning this matter. Thank you for your consideration, and if you or your staff should have any questions or need additional information, please contact us.

Sincerely,

**Bunn Brothers Materials, Inc.**

A handwritten signature in blue ink, appearing to read "Terry Bunn", is written over a light blue horizontal line.

Terry Bunn  
President

**BUNN BROTHERS MATERIALS, INC.**  
**MARION COUNTY ROCK, E-0057**

8. All operators who have extracted coal or other minerals prior to filing an application for exemption must also submit as attachments:
- A) Any relevant document(s) the operator has received from the Alabama Surface Mining Commission documenting its exemption from the requirements of the Act.
  - B) The cumulative production of both the coal and other minerals from the area being mined; and
  - C) Estimated tonnage of any stockpiled coal and other minerals.

**ATTACHMENT I-E-8**

- A) [See Exemption Application E-0043 ASMC Approval Letter.](#)
- B) Approximately 4,072,864 tons of sandstone have been produced and sold from Exemption Area E-0043 and the proposed exemption area. Note: An additional 581,838 tons of sandstone was added to the annually reported amounts due to the absence of reports for the calendar years 2003 and 2007. Approximately 14,893 tons of coal have been extracted and sold from Exemption Area E-0043 and the proposed exemption area. Note: An additional 3,310 tons of coal was added to the annually reported amounts due to the absence of reports for the calendar years 2003 and 2007.

[See E-0043, Annual Production Report Summary.](#)

- C) The estimated amount of sandstone in stockpile inventory as of September 2, 2016 was 211,017 tons. The estimated amount of coal in stockpile inventory as of September 2, 2016 was 763 tons. These estimated volumes were determined based on an aerial topographic survey performed on September 2, 2016.
9. Attach any other information pertinent to the qualification of the operation as exempt. 880-X-2E-.05(16)

An analysis of the production and sales of sandstone versus coal (contained in the available annual production reports) since the issuance of Exemption Application E-0043 (same area as this exemption application) reveals that over the entire 15 year period, Bunn Brothers Materials, Inc.'s production of coal is only 0.33 percent by volume of the total production from this mine, while the allowable volume of coal is 16.67 percent. Also, Bunn Brothers Materials, Inc.'s revenue from coal is only 1.72 percent of the total revenue from this mine, while the allowable revenue from coal is less than 50 percent.

10. Give a general description of mining and mineral processing activities for the mining area in a brief narrative. Discuss coal and other mineral extraction, handling, and stockpiling. Discuss equipment to be used, method of overburden removal, whether blasting will be involved, and sequence of mining events. 880-X-2E-.05(9)

**See Attachment I-10**

**BUNN BROTHERS MATERIAL, INC.  
MARION COUNTY ROCK  
HISTORIC ANNUAL PRODUCTION REPORT SUMMARY**

<b>PRODUCTION YEAR</b>	<b>SANDSTONE PRODUCTION (TONS)</b>	<b>SANDSTONE REVENUE</b>	<b>AVERAGE SANDSTONE PRICE PER TON</b>	<b>COAL PRODUCTION (TONS)</b>	<b>COAL REVENUE</b>	<b>AVERAGE COAL PRICE PER TON</b>	<b>VOLUME COMPARISON PERCENTAGE COAL</b>	<b>REVENUE COMPARISON PERCENTAGE COAL</b>
2002	346,034	\$ 2,174,588	\$ 6.28	3,326	\$ 100,430	\$ 30.20	0.95%	4.41%
2004	498,018	\$ 3,171,898	\$ 6.37	1,983	\$ 43,623	\$ 22.00	0.40%	1.36%
2005	424,234	\$ 2,627,532	\$ 6.19	No Coal Sold			0.00%	0.00%
2006	282,666	\$ 1,858,615	\$ 6.58	No Coal Sold			0.00%	0.00%
2008	311,894	\$ 2,696,818	\$ 8.65	864	\$ 25,918	\$ 30.00	0.28%	0.95%
2009	222,493	\$ 2,034,129	\$ 9.14	No Coal Sold			0.00%	0.00%
2010	204,061	\$ 1,956,086	\$ 9.59	No Coal Sold			0.00%	0.00%
2011	226,025	\$ 2,218,365	\$ 9.81	3,530	\$ 225,936	\$ 64.01	1.54%	9.24%
2012	222,774	\$ 1,956,593	\$ 8.78	1,199	\$ 63,311	\$ 52.82	0.54%	3.13%
2013	222,108	\$ 2,235,461	\$ 10.06	132	\$ 7,088	\$ 53.62	0.06%	0.32%
2014	307,756	\$ 3,161,273	\$ 10.27	550	\$ 33,222	\$ 60.40	0.18%	1.04%
2015	222,962	\$ 2,501,311	\$ 11.22	No Coal Sold			0.00%	0.00%
<b>Cummulative</b>	<b>3,491,026</b>	<b>\$ 28,592,668</b>	<b>\$ 8.19</b>	<b>11,583</b>	<b>\$ 499,528</b>	<b>\$ 43.12</b>	<b>0.33%</b>	<b>1.72%</b>
<b>Average</b>	<b>290,919</b>	<b>\$ 2,382,722</b>	<b>\$ 8.19</b>	<b>1,655</b>	<b>71,361</b>	<b>\$ 43.12</b>	<b>0.57%</b>	<b>2.91%</b>

Production Reports Unavailable for Calendar Years 2003 and 2007.

**Bunn Brothers - Marion County Rock - Coal Stockpile Inventory**

<b>Stockpile I.D.</b>	<b>Cubic Feet (Ft<sup>3</sup>)</b>	<b>Pounds(lbs)</b>	<b>Tons</b>
1	12,095	725,700.0	362.9
2	232	13,920.0	7.0
3	13,100	786,000.0	393.0
<b>TOTAL</b>	<b>25,427.0</b>	<b>1,525,620.0</b>	<b>762.8</b>

**Bunn Brothers - Marion County Rock - Sandstone Stockpile  
Inventory**

<b>Stockpile I.D.</b>	<b>Cubic Feet (Ft<sup>3</sup>)</b>	<b>Pounds(lbs)</b>	<b>Tons</b>
1	17,098	1,624,310.0	812.2
2	25,085	2,383,075.0	1,191.5
3	11,449	1,087,655.0	543.8
4	101,829	9,673,755.0	4,836.9
5	6,670	633,650.0	316.8
6	5,643	536,085.0	268.0
7	48,750	4,631,250.0	2,315.6
8	27,582	2,620,290.0	1,310.1
9	20,000	1,900,000.0	950.0
10	666,222	63,291,090.0	31,645.5
11	6,253	594,035.0	297.0
12	5,337	507,015.0	253.5
13	8,947	849,965.0	425.0
14	28,937	2,749,015.0	1,374.5
15	167,260	15,889,700.0	7,944.9
16	16,457	1,563,415.0	781.7
17	66,538	6,321,110.0	3,160.6
18	354,910	33,716,450.0	16,858.2
19	2,857,498	271,462,310.0	135,731.2
<b>TOTAL</b>	<b>4,442,465.0</b>	<b>422,034,175.0</b>	<b>211,017.1</b>



STATE OF ALABAMA  
SURFACE MINING COMMISSION

P. O. BOX 2390 — JASPER, ALABAMA 35502-2390  
(205) 221-4130

EXEMPTION FOR THE EXTRACTION OF COAL INCIDENTAL  
TO THE EXTRACTION OF OTHER MINERALS

Exemption Application No.: E-0043  
BUNN BROTHERS MATERIALS INC  
1904 UNIVERSITY BLVD  
TUSCALOOSA AL 35401

Name of Operation: MARION COUNTY ROCK

Legal Description of Exempted Area: NE/SE, NW/SE, SW/SE, SE/SE  
SW/NE & W ½ OF THE SE/NE  
SECTION 16, TOWNSHIP 12 SOUTH,  
RANGE 11 WEST, MARION COUNTY

Number of Acres: 59 Acres

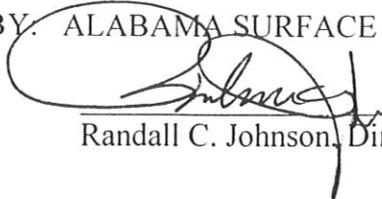
After careful review of the above application for exemption, the ASMC has decided to grant approval of the application for exemption. The ASMC has used the data and projections contained in the application as last revised, and other information, to make this determination.

Such approval is subject to the following:

1. The requirements of ASMC Reg. 880-X-2E-.07.
2. The conditions set forth in ASMC Reg. 880-X-2E.-08 which include, but are not limited to the following:
  - i. Maintaining on site information sufficient to verify entitlement to this exemption.
  - ii. The right of ASMC personnel to enter onto, upon, and through any mining and reclamation operations at all times without advance notice or warrant upon presentation of appropriate credentials.
3. The timely submission of annual reports of the production of all coal and other mineral mined as required by ASMC Reg. 880-X-2E.-11.
4. Compliance with all applicable laws, rules, or regulations pertaining to the surface mining of coal incidental to the mining of other minerals, whether now or hereafter in effect.

**EFFECTIVE DATE: MAY 16, 2001**

BY: ALABAMA SURFACE MINING COMMISSION

  
Randall C. Johnson, Director

**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

11. Public Notice Newspaper Notice

**880-X-2E-.05(9)**

- A. Complete the newspaper notice provided below, and place this notice in a newspaper of general circulation in the locality of the mining operations with exemption. **DO NOT run the notice prior to notification by ASMC that this application is administratively complete.** **This notice will appear in the Journal Record Newspaper.**

\*\*\*\*\*

**PUBLIC NOTICE OF EXEMPTION FOR COAL EXTRACTION  
INCIDENTAL TO THE EXTRACTION OF OTHER MINERALS**

Bunn Brothers Materials, Inc. of 1904 University Blvd., Tuscaloosa, Al, 35401 has submitted to the Alabama Surface Mining Commission (ASMC) an application for exemption for coal extraction incidental to the extraction of other minerals at the Marion County Rock mine area in Marion County, Alabama.

The area of the proposed exemption is located on the Gold Mine USGS Quadrangle in the NE<sup>1</sup>/<sub>4</sub> of the SE<sup>1</sup>/<sub>4</sub>, NW<sup>1</sup>/<sub>4</sub> of the SE<sup>1</sup>/<sub>4</sub>, SW<sup>1</sup>/<sub>4</sub> of the SE<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub> of the SE<sup>1</sup>/<sub>4</sub>, SW<sup>1</sup>/<sub>4</sub> of the NE<sup>1</sup>/<sub>4</sub>, and the SE<sup>1</sup>/<sub>4</sub> of the NE<sup>1</sup>/<sub>4</sub>, all located in Section 16, Township 12 South, Range 8 West, Marion County, Alabama.

Access to the site by road is as follows: From the intersection of U.S. Highway 78 and Alabama Highway 233, go north approximately 2.7 miles to Marion County Road 30. Turn right on Marion County Road 30 and travel 0.55 miles to the entrance on your left. This is exemption number E-0057.

A copy of the permit application is available for public inspection and review on the Alabama Surface Mining Commission website <http://surface-mining.alabama.gov>. A copy of the permit application is also available for public inspection and review at the office of the Alabama Surface Mining Commission located on the second floor of the Pinnacle Bank Building at 1811 2nd Avenue, Jasper, Alabama 35501. Written comments, objections, request for public hearing or request for informal conferences concerning this permit should be sent to the Alabama Surface Mining Commission, P.O. Box 2390, Jasper, Alabama 35502-2390, no later than 30 days from the last date of publication of this notice. For a period of 30 days following the date of publication, ASMC will accept written comments, objections, or requests for informal conferences relative to this application. Any person having an interest which is or may be adversely affected by the decision on the application may make such written comments during the public review period as specified in 880-X-2E-.04(4). Written comments are to be submitted to the Alabama Surface Mining Commission, 1811 Second Avenue, P. O. Box 2390, Jasper, Alabama 35501. In making comments, refer to the application number.

\*\*\*\*\*

- B. Included with this advertisement shall be a map or description that clearly shows or describes the precise location and boundaries of the proposed exemption area and is sufficient to enable local residents to readily identify the area. **This notice will appear in the Journal Record Newspaper.**

**BUNN BROTHERS MATERIALS, INC.**  
**MARION COUNTY ROCK, E-0057**  
**ATTACHMENT I-10**

**GENERAL MINING DESCRIPTION**

The surface mining method of area mining will be used at the Marion County Rock mine site. The sequence of mining will generally be to construct sediment control facilities, timber removal, clear and grub, conduct blasting operations, overburden removal, sandstone removal, coal removal, regrading and revegetated. This sequence will be repeated until reaching the exemption boundary or reserve limits with the exception of the construction of sediment control facilities and regrading and revegetation. Sediment control facilities will be constructed for a watershed area initially and this phase will not be required to be repeated until just prior to entering a new watershed. Mobile equipment will be used to remove the drilled and shoot overburden material. Because there are multiple highwalls currently being advanced at this operation, the direction of spoiling of the overburden material is simply described as being away from the highwalls, generally perpendicular, into the previous pit or onto previously mined area. Upon removal of the overburden material, the mobile equipment will remove, segregate, and stockpile the marketable sandstone for preparation (sizing). The sandstone will be stored on site until sold and trucked to the purchaser. The coal (both solid coal and remaining pillars) lies immediately below the marketable sandstone being separated by only a thin seam of shale. Upon removal of the marketable sandstone, the shale layer will be removed and coal deemed marketable will be extracted. The marketable coal will be stored on site until sold and trucked to the purchaser. Coal deemed to be unmarketable will be spoiled along with the overburden off coal in the previous pit. Regrading operations will commence immediately upon adequate advancement of the active mine. Likewise, revegetation will be performed based on the progression of the regrading efforts and the timing of suggested planting seasons for the vegetation species being used. It will be necessary to stockpile both the sandstone and coal on site until it can be shipped to market. Stockpile locations are shown on the map accompanying this application. The coal will be sold "mine run" and no processing activities are proposed for the coal. The sandstone must be broken with the use of numerous crushers and sized to meet the consumer's needs with the use of numerous screens prior to the material leaving the site for market.

General, major items of equipment to be used in the mining and reclamation process are comprised of mobile equipment including dozers, track hoes, rock trucks, rubber tire loaders, service trucks, drills and various farm tractors and support equipment for reclamation.

**SEQUENCE OF MINING OPERATIONS**

- 1) Construction of Sediment Control Structures
- 2) Timber Removal
- 3) Clearing and Grubbing
- 4) Drilling and Shooting the Overburden Material (Blasting)
- 5) Sandstone Recovery
- 6) Coal Recovery
- 7) Grading
- 8) Revegetation

**BUNN BROTHERS MATERIALS, INC.**  
**MARION COUNTY ROCK, E-0057**

12. Proof of Publication

Submit to the ASMC, under separate cover, no later than 4 weeks after the date of publication, a copy of the newspaper advertisement of the application and a notarized affidavit of publication for the publication date.

Notarized Proof of Publication Forthcoming.

**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

**SECTION II  
EXEMPTION BASIS**

**880-X-2E-.05(10)**

13. Geologic Information - The logs, cross sections, and maps, must be based on the geology of the proposed exempted area, down to and including the stratum immediately below the lowest coal seam or other mineral to be mined.

a. Provide stratigraphic cross section(s) based on test boring(s) or other information, showing for coal(s) and other minerals:

Relative position,  
Approximate thickness  
Density(ies) of coal(s)  
Density(ies) of other minerals

See Attached [Geologic Cross-section A-A'](#).

See Attached [Stratigraphic Section](#).

The density of clay used for evaluating this reserve is 3,914 pounds per bank cubic yard or 144.96 pounds per cubic foot. The density of sandstone used for evaluating this reserve is 4,250 pounds per bank cubic yard or 157.41 pounds per cubic foot. The density of coal used for evaluating this reserve is 2,150 pounds per bank cubic yard or 79.63 pounds per cubic foot. These values were taken from [Mining Engineering Analysis by Christopher J. Bise, page 136](#), for Sandstone and Bituminous Coal, raw.

b. On same cross section(s), provide the relative position and thickness of any material, not classified as other minerals (overburden or spoil), that will also be extracted during the conduct of mining activities.

See Attached [Geologic Cross-section A-A'](#).

c. Attach copies of test boring logs and other information.

See Attached [Jan E. Kizziah, P.E. Drill Logs](#).

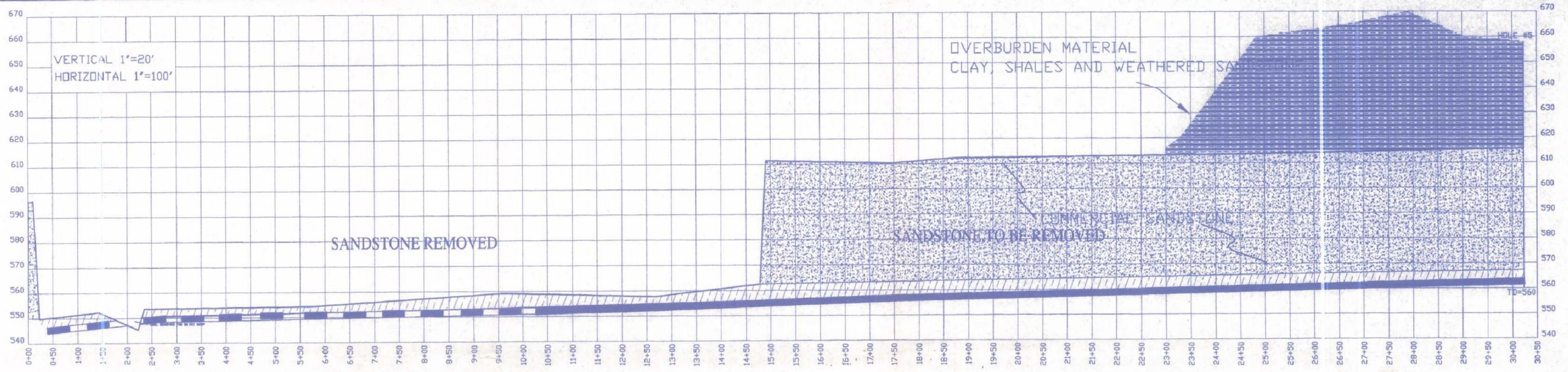
d. Identify on the MINING AREA MAP the location of the test boring(s).

See [Mining Area Map](#) for location of test borings.

14. List the minerals sought to be extracted other than coal in the exempted mining area.

Sandstone \_\_\_\_\_

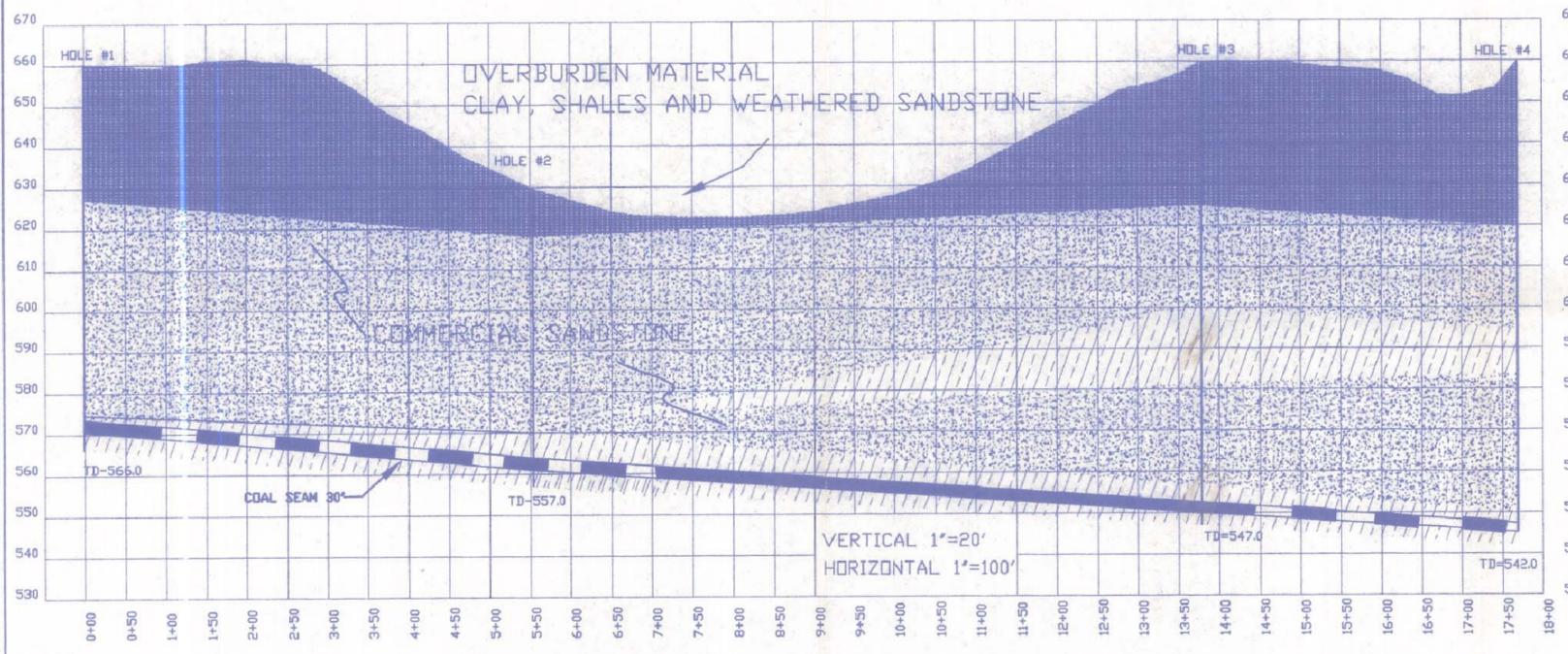




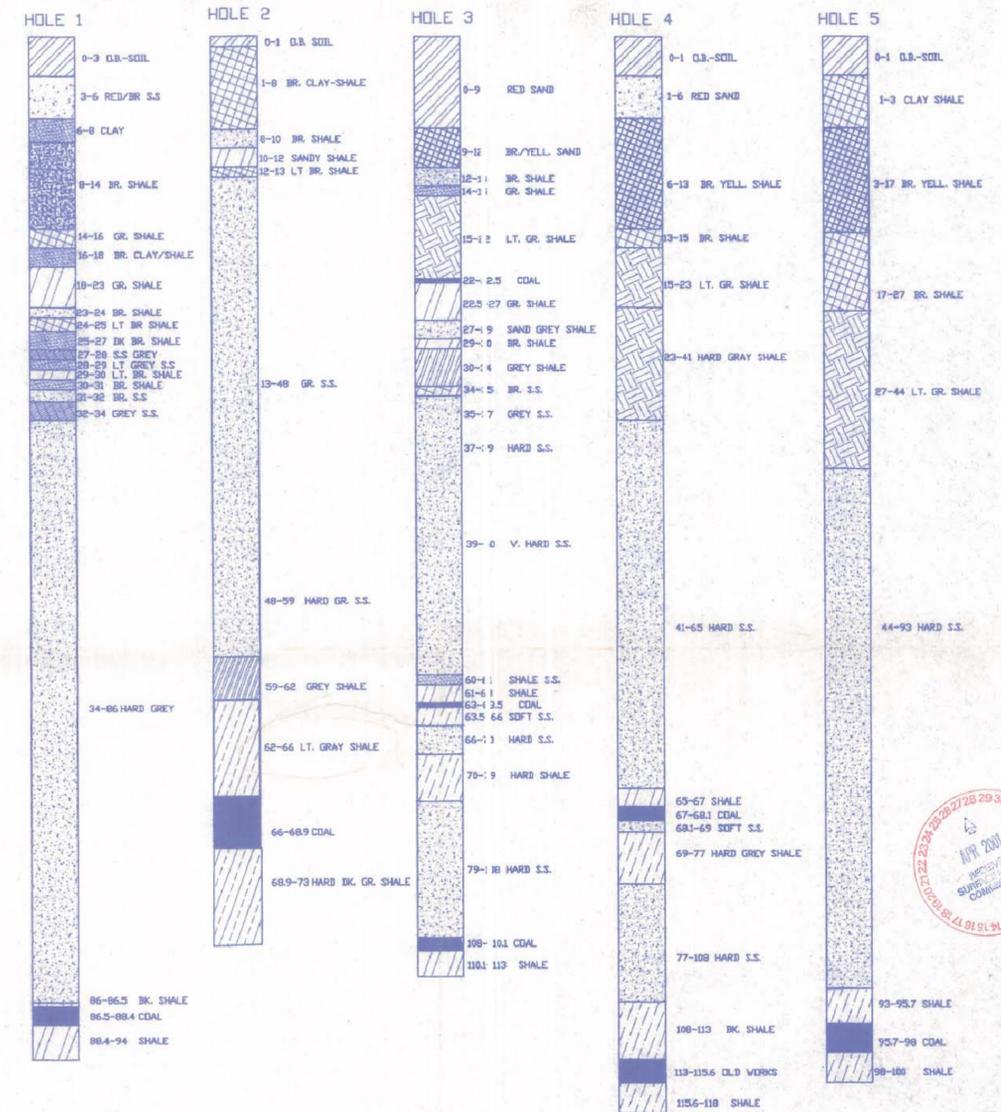
CROSS SECTION B - B

BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK  
309 COUNTY ROAD 30  
WINFIELD, AL. 35694

OLD WORKS ZONES



CROSS SECTION A - A



E.E.F.S. COMPANY P.C. claims proprietary rights in the information disclosed on this drawing or document. It is not to be reproduced or used to manufacture anything shown hereon without the written permission of E.E.F.S. COMPANY, P.C. It is loaned confidentially and must not be used in any way detrimental to our interest.

**EEFS**  
E.E.F.S. COMPANY, P.C.  
CIVIL & STRUCTURAL ENGINEERS  
P.O. BOX 982 (1809 2nd AVE. N, SUITE 101)  
BESSEMER, ALABAMA-35021 424-3737

NO.	DATE	REVISION	APP'D



**MARION COUNTY ROCK**  
**STRATIGRAPHIC SECTION**  
**MARION COUNTY, ALABAMA**

DATE SUBMITTED: 02-08-01
DRAWN BY: JMH
APPROVED BY: REK
DWG. NAME: E.E.F.S. JOB No.
CROSS SECTION: 375-00
SCALE: SHEET No.
of



## MINING ENGINEERING ANALYSIS

Table 1. Approximate Weights, Percentage Swell, and Load Factors of Different Materials

Material	lb per bcy	% swell	lb per lcy	Load factor
Bauxite	3200	33	2400	.75
Caliche	3800	82	2100	.55
Cinders	1450	52	950	.66
Carnotite, uranium ore	3700	35	2750	.75
Clay				
Natural bed	3400	22	2800	.82
Dry excavated	3100	23	2500	.81
Wet excavated	3500	25	2800	.80
Clay and gravel				
Dry	2800	41	2000	.71
Wet	3100	11	2800	.90
Coal				
Anthracite				
Raw	2700	35	2000	.74
Washed	2500	35	1850	.74
Bituminous				
Raw	2150	35	1600	.74
Washed	1900	35	1400	.74
Decomposed rock				
75% rock 25% earth	4700	43	3300	.70
50% rock 50% earth	3850	33	2900	.75
25% rock 75% earth	3300	25	2650	.80
Earth				
Dry packed	3200	25	2550	.80
Wet excavated	3400	27	2700	.79
Loam	2600	23	2100	.81
Granite				
Broken	4600	64	2800	.61
Gravel				
Pit run	3650	12	3250	.89
Dry	2850	12	2550	.89
Dry ¼-2 in. (6-51 mm)	3200	12	2850	.89
Wet ¼-2 in. (6-51 mm)	3800	12	3400	.89
Sand and clay				
Loose	3400	27	2700	.79
Compacted	—	—	4050	—
Gypsum				
Broken	5350	75	3050	.57
Crushed	4700	75	2700	.57
Hematite, iron ore	4900	18	4150	.85
Limestone				
Broken	4400	69	2600	.59
Magnetite, iron ore	5500	18	4700	.85
Pyrite, iron ore	5100	18	4350	.85
Sandstone	4250	67	2550	.60
Sand				
Dry, loose	2700	12	2400	.89
Damp	3200	12	2850	.89
Wet	3500	12	3100	.89
Sand and gravel				
Dry	3250	12	2900	.89
Wet	3750	10	3400	.91
Slag				
Broken	4950	67	2950	.60
Stone				
Crushed	4500	67	2700	.60
Taconite	7100-9450	75-72	4100-5400	.57-.58
Topsoil	2300	43	1600	.70
Traprock				
Broken	4400	49	2950	.67

**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057  
ATTACHMENT II-13**

**GEOLOGIC INFORMATION**

**a. COAL**

One coal seam (Jefferson Seam) is present at the Marion County Rock site. The Jefferson coal seam averages 30 inches or 2.5 feet in thickness over the entire proposed exemption area. Drill holes 1 thru 5 were used to evaluate the area. See Attached [Jan E. Kizziah, P.E. Drill Logs](#). See [Coal Reserve Estimate](#).

The density of coal used for evaluating this reserve is 2,150 pounds per bank cubic yard or 79.63 pounds per cubic foot. This value was taken from [Mining Engineering Analysis by Christopher J. Bise, page 136](#), for Bituminous Coal, raw.

**a. SANDSTONE**

Bunn Brothers Materials, Inc. has been mining the sandstone for several years in this general area. The sandstone lies immediately above the Jefferson coal seam separated by a small layer of shale material. The density of sandstone used for evaluating this reserve is 4,250 pounds per bank cubic yard or 157.41 pounds per cubic foot. This value was taken from [Mining Engineering Analysis by Christopher J. Bise, page 136](#), for Sandstone.

The overburden material above the sandstone and coal consists of topsoil, subsoil, and alternating sequences of clay, sandstone, shale, etc. (See [Jan E. Kizziah, P.E. Drill Logs](#)).

b. See Attached [Geologic Cross-section A-A'](#). See Attached [Stratigraphic Section](#).

c. See [Mining Area Map](#) for location of test borings.

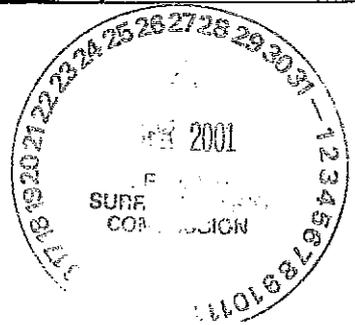
Marion County Rock			
Drill Hole Number		1	
Date		12-01-2000	
Elevation		660 ± 10	
Depth	Lithology	Total Depth	Comments
0-3	O.B. - soil	3	
3-6	Red/Br. S.S.	6	
6-8	CLAY	8	
8-14	Br. Shale	14	Saprolite
14-16	gr. Shale	16	Saprolite
16-18	Br clay/shale	18	
18-23	gr. shale	23	1" ± coal
23-24	Br. shale	24	
24-25	lt Br. shale	25	
25-27	DK Br. shale	27	Saprolite
27-28	S.S. grey	28	
28-29	lt grey S.S.	29	
29-30	H. Br. shale	30	
30-31	Br. shale	31	
31-32	Br. S.S.	32	
32-34	grey S.S.	34	some shale str.
34-86	hard grey thin Bd. S.S.	86	shale streaks @ 74, 77, 79, 85
86-86.5	Bk shale	86.5	
86.5-88.4	COAL	88.4	possible edge of pillar last circumference at bottom
88.4-94	shale		

20'  
54'  
\*

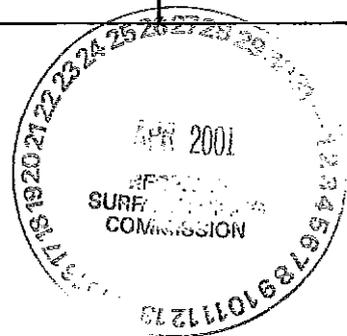
20 21 22 23 24 25 26 27 28 29 30 31  
 APR 2001  
 SURVEYING  
 COMMISSION

Marion County Rock			
Drill Hole Number		2	
Date		12-01-2000	
Elevation		630' ± 5'	
Depth	Lithology	Total Depth	Comments
0-1	OB / soil	1	
1-8	Br clay-shale	8	Saprolite
8-10	Br shale	10	"
10-12	Sandy shale	12	
12-13	lt Br. S.S.	13	
13-48	gr. S.S.	48	
48-59	Hard gr. S.S.	59	wt shale streaks SI, 54
59-62	grey shale int / Bln S.S.	62	
62-66	lt grey S.S.	66	
66-68.9	Coal	68.9	
68.9-73	Hard DL gr shale.	73	Hard

3  
1  
3  
x



Marion County Rock			
Drill Hole Number		3	
Date		12-01-2000	
Elevation		660' ± 10'	
Depth	Lithology	Total Depth	Comments
0-9	Red Sand	9	Prop. <del>KE</del> out <del>100'</del>
9-12	Br/gyell. Sand	12	
12-14	Br. Shale	14	Saprolite
14-15	gr. Shale	15	.
15-22	Lt gr. Shale	22	
22-22.5	COAL	22.5	
22.5-27	gr. Shale	27	
27-29	Shale Grey	29	
29-30	Br. Shale		Saprolite
30-34	Grey Shale	34	
34-35	Br. S.S.	35	
35-37	Grey S.S.	37	
37-39	Hard S.S.	39	
39-60	V. Hard S.S.	60	
60-61	Shale/S.S.	61	water
61-63	Shale	63	
63-63.5	COAL	63.5	
63.5-66	Soft S.S.	66	
66-70	Hard S.S.	70	
70-75	Hard Shale	75	



MARION COUNTY ROCK

DRILL HOLE NUMBER

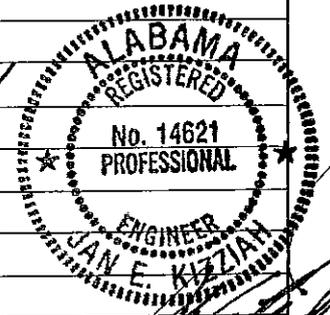
3 - Mcdrill

DATE

4-20-01

ELEVATION

660 ± 10'



DEPTH

LITHOLOGY

TOTAL DEPTH COMMENTS

0-70

Same as 3

70-79

Hard Shale

79-108

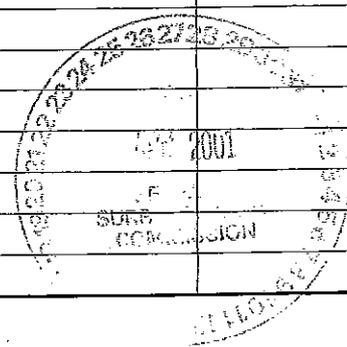
Hard Sandstone

108-110.1

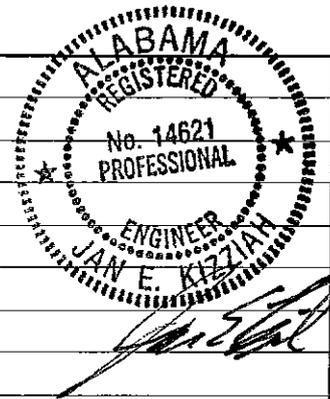
Coal

110.1-113

Shale







MARION COUNTY ROCK

DRILL HOLE NUMBER 5

DATE 4-20-01

ELEVATION 660 ± 10

DEPTH LITHOLOGY TOTAL DEPTH COMMENTS

0-1'

O.R.

1-3

Clay shale

3-17

Br. yell. shale

17-27

Br. Shale

27-44

Lt. Gray shale

44-93

Hard Sandstone

93-95.7

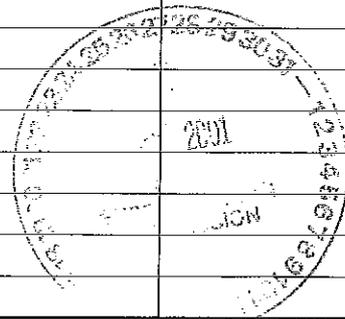
shale

95.7-98

Coal

98-100

Shale



**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057  
ATTACHMENT II-13**

**Bunn Brothers Materials, Inc.  
Sandstone & Coal Reserve Estimate**

Date of Report: 09/14/16

Acres	Strata	Thick	Density LB/C.F.	In Place Tons	% Recovery	Recovered Tons
105.23	Jefferson Coal (Solid Coal)	2.50	79.63	456,262	90%	410,636
102.88	Jefferson Coal (Old Works)	2.50	79.63	446,073	30%	133,822
215	Sandstone	40	157.41	29,484,152	90%	26,535,737
<b>Total Sandstone To Be Recovered</b>						<b>26,535,737</b>
<b>Sandstone tons % of Total Tons</b>						<b>97.99%</b>
<b>Total Coal To Be Recovered</b>						<b>544,458</b>
<b>Coal tons % of Total Tons</b>						<b>2.01%</b>
<b>Total Projected Production</b>						<b>27,080,195</b>
<b>*Average Sandstone Price</b>					\$ 11.22	
<b>*Average Coal Price</b>					\$ 60.50	
<b>Total Sandstone Revenue</b>						<b>\$ 297,730,969</b>
<b>Total Coal Revenue</b>						<b>\$ 32,939,709</b>
<b>Total Revenue</b>						<b>\$ 330,670,678</b>
<b>Coal Revenue % of Total Revenue</b>						<b>9.96%</b>
<b>Sandstone Revenue % of Total Revenue</b>						<b>90.04%</b>

\* Average Minerals Price is less trucking to purchaser or end user.

**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

**880-X-2e-.05(3)**

15. Estimate the annual production (tonnage) of coal and other minerals within each mining area over the anticipated life of the mining operation. If additional space is required, list on separate sheet.

**First Year of Annual Production**

Sandstone – 290,919 Tons/Year (99.43 Percent of Total) \_\_\_\_\_

Coal – 1,655 Tons/Year (0.57 Percent of Total) \_\_\_\_\_

**Subsequent Years of Annual Production**

Sandstone – 290,919 Tons/Year (99.43 Percent of Total) \_\_\_\_\_

Coal – 1,655 Tons/Year (0.57 Percent of Total) \_\_\_\_\_

Note: At the rate of the previous 15 years, the remaining sandstone & coal reserves will supply Bunn Brothers Materials, Inc. for over 50 years.

**880-X-2E-.05(4)**

16. Estimate the annual revenues to be derived from bona fide sales of coal and other minerals within the mining area. If additional space is required, list on separate sheet.

**2017 Production and Budget Estimate**

Sandstone- \$2,382,722/Year (95.97 Percent of Total) \_\_\_\_\_

Coal - \$100,128/Year (4.03 Percent of Total) \_\_\_\_\_

**2018 Production Estimate and Beyond**

Sandstone- \$2,382,722/Year (95.97 Percent of Total) \_\_\_\_\_

Coal - \$100,128/Year (4.03 Percent of Total) \_\_\_\_\_

Note: At the rate of the previous 15 years, the remaining sandstone & coal reserves will supply Bunn Brothers Materials, Inc. for over 50 years.

**880-X-2E-.05(5)**

17. If coal and/or the other minerals are to be used rather than sold, estimate the annual fair-market value at the time of projected use of the coal and other minerals to be extracted from the mining area. If additional space is required, list on separate sheet.

None to be used \_\_\_\_\_

**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

18. Attach the basis for all annual production, revenue, and fair market value estimates. Include all calculations and figures necessary to support your estimates

**Sandstone Production Estimates**

The annual sandstone production estimate for 2017 and beyond is determined by the 290,919 ton/year average production from the past 15 years.

**Sandstone Revenue and Fair Market Value Estimates**

Currently, Bunn Brothers Materials, Inc. is paid an average of \$11.22/ton of sandstone F.O.B. pit. The average sales price was used due to the numerous prices for varying specifications for sandstone rock (i.e. Class I thru Class 5 Riprap, graduated sizes of gravel, fines, etc.).

**Coal Production Estimates**

The annual coal production estimate for 2017 and beyond is determined by the 1,655 ton/year average production from the past 15 years.

**Coal Revenue and Fair Market Value Estimates**

Currently, Bunn Brothers Materials, Inc. is paid \$60.50/ton of coal F.O.B. pit, dependent upon coal quality. As shown on the Annual Production Report Summary, this price is subject to changes as coal market conditions dictate.

**[See E-0043, Annual Production Report Summary.](#)**

**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

19. Attach on a separate sheet a summary of sales commitments and agreements for future delivery, if any, which the applicant has received for other minerals to be extracted from the mining area, or a description of potential markets for such minerals.

[See Attachment II-19](#)

**EXISTING MARKETS**

LAMAR COUNTY  
FAYETIE COUNTY  
WALKER COUNTY  
MARION COUNTY  
WINSTON COUNTY  
CITY OF FAYETTE  
CITY OF WINFIELD  
CITY OF GU WYN  
CITY OF HAMILTON  
CITY OF GUIN  
DRUMMOND COAL  
STATE OF ALABAMA.  
CHILTON CONTRACTORS  
CARCEL & G CONSTRUCTION  
ST BUNN CONSTRUCTION  
GLASGOW CONSTRUCTION  
W.S.NEVELL  
NEVELL ROAD BUILDERS.

20. If the other minerals are to be commercially used by the applicant, provide a description specifying the use below. If additional space is required, use a separate sheet.

None to be commercially used.

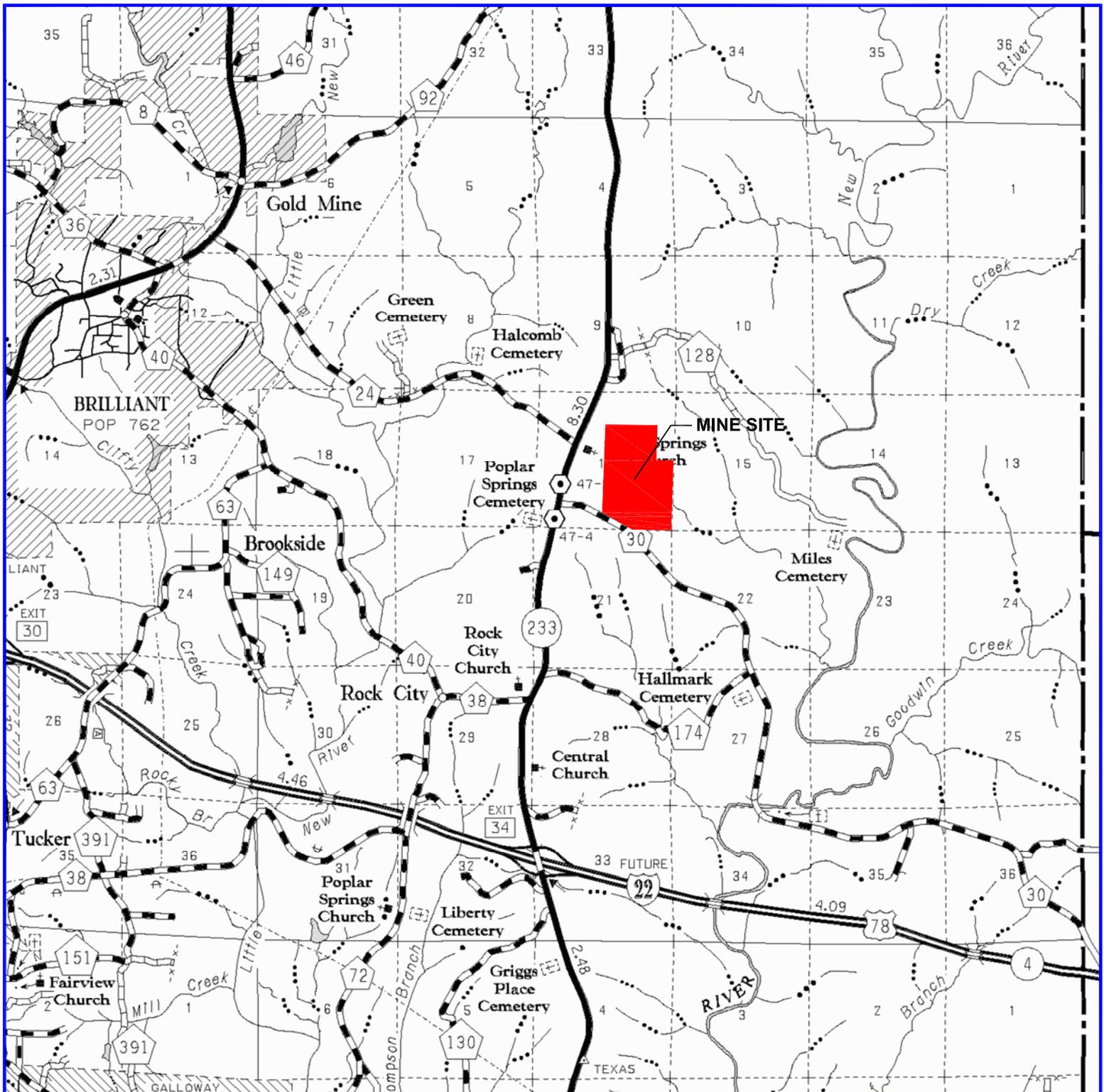
**BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057**

**SECTION III**

**MAPS AND DRAWINGS**

21. General Requirements **880-X-2E-.05(11)**
- A. No map or drawing should be smaller than 8.5" X 11".
  - B. [THE GENERAL LOCATION MAP \[1\]](#), and [MINING AREA MAP\(S\) \[1\]](#), scales are as specified below.
  - C. The Mining Area Map shall be a topographic map of a scale of 1" = 500' or less, which clearly identifies the mining area.
  - D. Maps may be combined at the discretion of the applicant, provided such combination is reflected in the title blocks and does not crowd the maps to the extent interpretation becomes difficult. Part of one map may not be combined with parts of another; combine only entire maps.
  - E. [THE GENERAL LOCATION MAP \[1\]](#) Indicate on a County Highway Map the location of the proposed exempt area, with respect to towns, roads, streams, and county lines.
  - F. [MINING AREA MAP\(S\) \[1\]](#) Indicate the following:
    - (i) Boundaries of the proposed exemption area.
    - (ii) The area for coal stockpiling.
    - (iii) The area for other mineral(s) stockpiling.
    - (iv) The area for overburden or spoil storage.
    - (v) Location of all test boring(s).

See [MINING AREA MAP\(S\)](#).



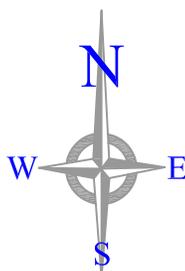
SECTION 16,  
TOWNSHIP 12 SOUTH, RANGE 11 WEST,  
ALL IN MARION COUNTY, ALABAMA  
BASE MAP: GOLD MINE U.S.G.S. QUADRANGLE

**BUNN BROTHERS  
MATERIALS, INC.**

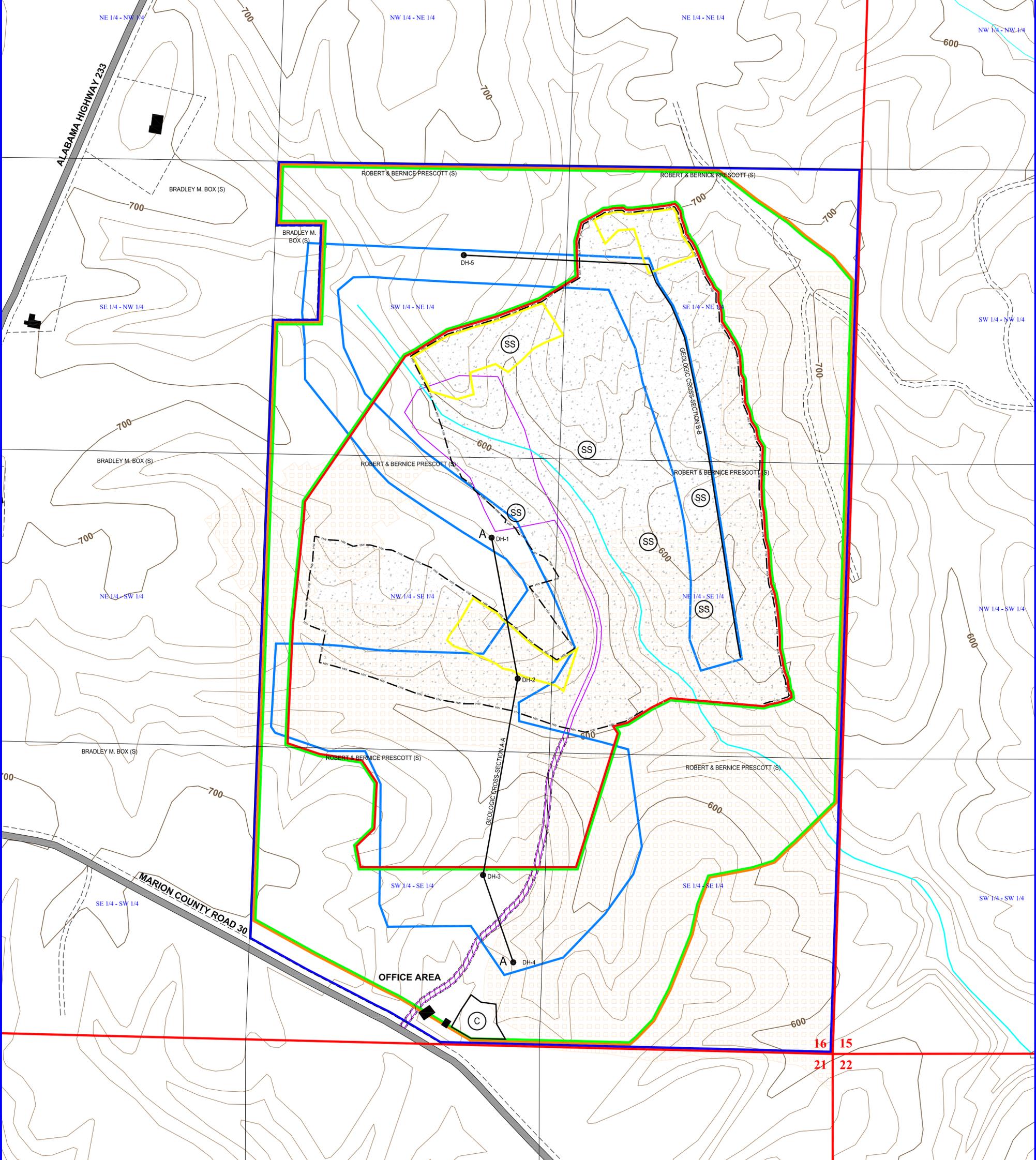
**MARION COUNTY ROCK  
EXEMPTION APPLICATION**

**GENERAL LOCATION MAP**

**MEC**  
mcgehee engineering corp  
post office box 3431  
jasper, alabama 35502-3431  
telephone: (205) 221-0686 fax: 221-7721  
email: cw@mcgehee.org



FILE: <b>BBM-MCR</b>	SCALE: <b>1" = 1 MILE</b>	JOB NO.:
APPROVED BY: <b>C.W.M.</b>	DATE: <b>09/01/16</b>	SHEET NO.:
		<b>1 OF 1</b>



**MAP LEGEND**

- CONTROLLED PROPERTY BOUNDARY (237 ACRES)
- TOTAL ADIR PERMIT BOUNDARY (215 ACRES)
- CURRENTLY BONDED AREA (106 ACRES)
- AREA TO BE BONDED (109.0 ACRES)

- PROPOSED EXEMPTION AREA (215 ACRES)
- PREVIOUS (E-0043) EXEMPTION AREA (59 ACRES)
- ADIR PERMIT 8544 BOUNDARY (215 ACRES)
- ASMC PERMIT P-3399 BOUNDARY
- AREA IN WHICH ALL MARKETABLE SANDSTONE AND COAL ARE BELIEVED TO HAVE BEEN REMOVED (6.89 ACRES)
- PREVIOUSLY SURFACE MINED
- SURFACE OWNERSHIP DIVIDE OTHER THAN QUARTER/QUARTER LINE
- EXISTING HIGHWALL
- RECLAMATION CROSS-SECTION/ SLOPE MEASUREMENT
- PUBLIC ROAD
- PRIVATE ROAD
- HAULROAD
- DRAINAGE COURSE
- INTERMITTENT AND/OR PERENNIAL STREAM
- COAL STOCKPILE
- SANDSTONE STOCKPILE
- OCCUPIED DWELLING
- UNOCCUPIED BUILDING/BARN, SHED, ETC.
- ENTENTS OF EXISTING UNDERGROUND MINE WORKINGS
- DH-1 EXPLORATORY DRILL HOLE
- UNDERGROUND MINE OPENING

**MEC**  
**mcgehee engineering corp**  
 post office box 3431  
 jasper, alabama 35502-3431  
 telephone: (205) 221-0686 fax: 221-7721  
 email: cw@mcgehee.org



CONTOUR INTERVAL: 20 FT.

SECTION 16,  
 TOWNSHIP 12 SOUTH, RANGE 11 WEST,  
 MARION COUNTY, ALABAMA  
 BASE MAP: GOLD MINE U.S.G.S. QUAD.

**BUNN BROTHERS  
 MATERIALS, INC.**

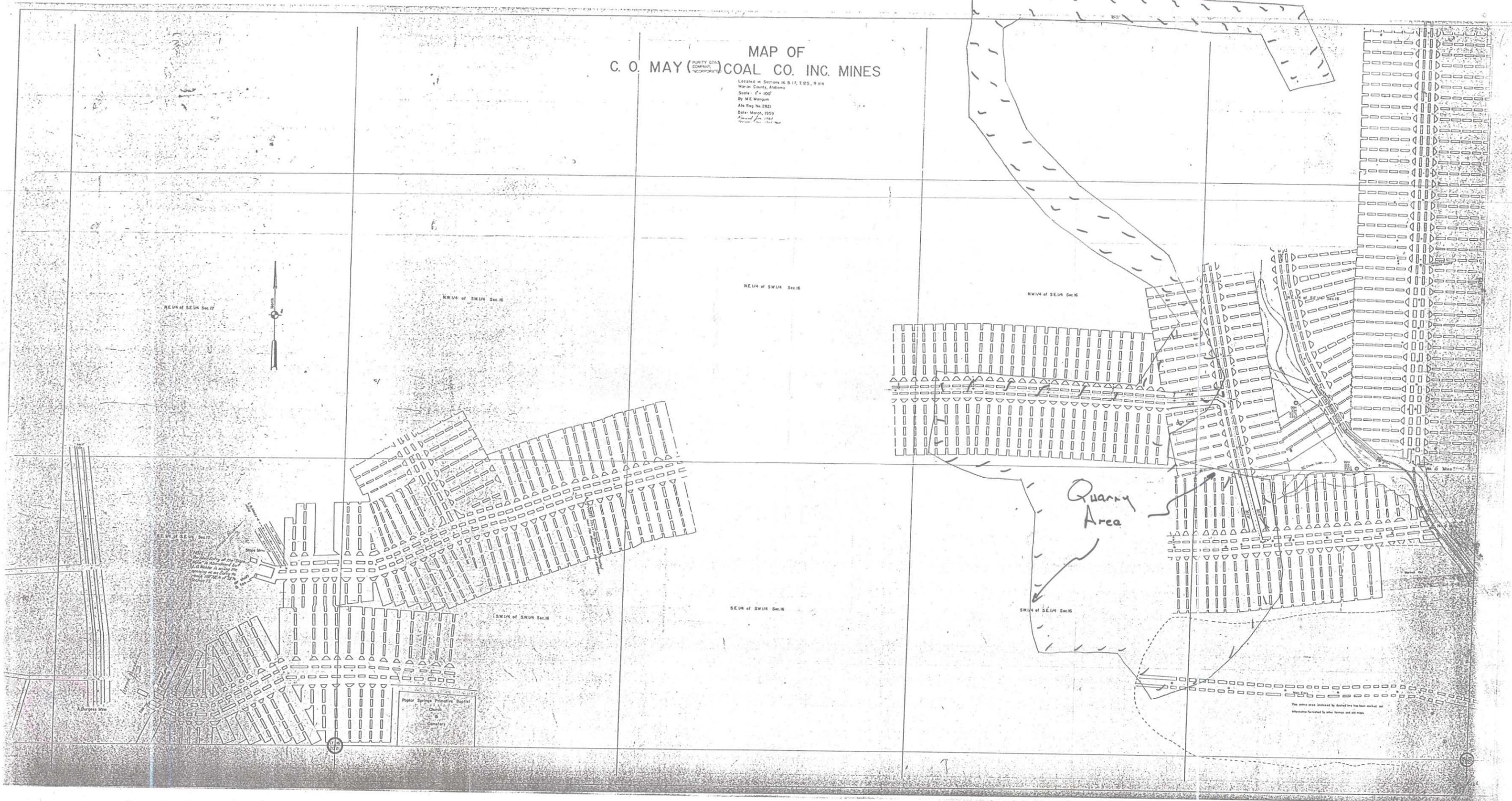
**MARION COUNTY ROCK  
 EXEMPTION APPLICATION**

**MINE AREA MAP**

FILE: <b>BBM-MCR</b>	SCALE: <b>1" = 200'</b>	JOB NO.: <b>N/A</b>
APPROVED BY: <b>C.W.M.</b>	DATE: <b>10/24/16</b>	SHEET NO.: <b>1 OF 1</b>

# MAP OF C. O. MAY (PURITY COAL COMPANY, INCORPORATED) COAL CO. INC. MINES

Located in Sections 16, 17, 20, 25, R11W  
Marion County, Alabama  
Scale - 1" = 100'  
By M.E. Morgan  
A.S. Reg. No. 2821  
Date - March, 1953  
Approved for 1953  
Revised for 1953



NE 1/4 of SE 1/4 Sec. 17

NE 1/4 of SW 1/4 Sec. 16

NE 1/4 of SW 1/4 Sec. 16

NW 1/4 of SE 1/4 Sec. 16

SE 1/4 of SE 1/4 Sec. 17

SW 1/4 of SW 1/4 Sec. 16

SE 1/4 of SW 1/4 Sec. 16

SW 1/4 of SE 1/4 Sec. 16

Poplar Springs Primitive Baptist  
Church  
&  
Cemetery

The area enclosed by dashed line has been marked as  
information furnished by other persons and not maps



COUNTY ROAD # 253

NE 1/4 - SW 1/4  
SE 1/4 - SW 1/4

NW 1/4 - SE 1/4  
SW 1/4 - SE 1/4

OLD WORKS

ONE YEAR PROJECTION

OLD WORKS

Quarry Area

NOTE:  
PR-7 LAT. 34° 00' 35.013" - LONG. 87° 41' 42.186"  
A-5 LAT. 34° 00' 31.023" - LONG. 87° 41' 49.274"

I certify that the information shown on the drawing herein is correct and accurate to the best of my knowledge and belief.

*Richard L. Dugan*  
Richard L. Dugan  
Reg. Land Surveyor  
No. 1117  
State of West Virginia



IRON PILE  
N-4458643.34  
E-441544.21

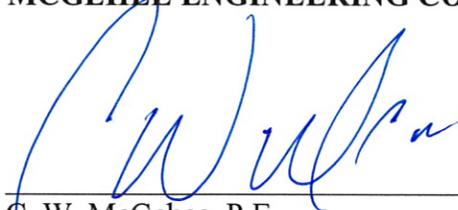
IRON PILE  
N-4457685.8  
E-441657.55  
EL. 618.85

BUNN BROTHERS MATERIALS, INC.  
MARION COUNTY ROCK, E-0057

CERTIFICATION STATEMENT

I, **C. W. McGehee**, a qualified Registered Professional Engineer, hereby certify that all of the maps, geologic information and engineering information and calculations included with this Exemption Application were developed under my direct supervision and are true and correct to the best of my knowledge and belief.

**MCGEHEE ENGINEERING CORP.**



C. W. McGehee, P.E.  
Alabama Reg. No. 17067



10-31-16  
Date