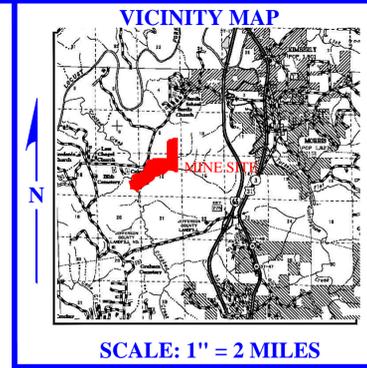


INCREMENT COLOR CODE

| | |
|--------------|-----------------|
| Light Blue | INCREMENT NO. 1 |
| Light Green | INCREMENT NO. 2 |
| Light Orange | INCREMENT NO. 3 |
| Light Yellow | INCREMENT NO. 4 |
| Light Purple | INCREMENT NO. 5 |
| Light Red | INCREMENT NO. 6 |



MAP LEGEND

| | |
|----------------|---|
| Thick red line | ASMC PERMIT AREA |
| Thin red line | PREVIOUSLY SURFACE MINED |
| Dashed line | SURFACE OWNERSHIP DIVIDE OTHER THAN QUARTER/QUARTER LINE |
| Dotted line | MINERAL OWNERSHIP DIVIDE OTHER THAN QUARTER/QUARTER LINE |
| (S-1) | SURFACE OWNERSHIP |
| (M-1) | MINERAL OWNERSHIP |
| (F-1) | FEE OWNERSHIP (SURFACE & MINERAL) |
| — HW — | EXISTING HIGHWALL |
| A % A' | RECLAMATION CROSS-SECTION/ SLOPE MEASUREMENT |
| — | PUBLIC ROAD |
| - - - | PRIVATE ROAD |
| ▨ | PRIMARY ROAD |
| ▩ | ANCILLARY ROAD |
| — NC — | NEW CASTLE SEAM COAL CROPLINE |
| — ML — | MARY LEE SEAM COAL CROPLINE |
| — BC — | BLUE CREEK SEAM COAL CROPLINE |
| — J — | JAGGER SEAM LIMITS |
| — | DRAINAGE COURSE |
| — | INTERMITTENT AND/OR PERENNIAL STREAM |
| — | DRAINAGE DIVIDE |
| — | SETBACK OFFSET |
| ■ | OCCUPIED DWELLING |
| □ | UNOCCUPIED BUILDING/BARN, SHED, ETC. |
| D | DIVERSION DITCH AND/OR ROADSIDE DITCH |
| C | COAL STOCKPILE |
| T | TOPSOIL STOCKPILE |
| ↔ | LAND HOOK |
| ● MW-1 | GROUNDWATER MONITORING SITE |
| B | SEDIMENT BASIN |
| — | IMPOUNDED WATER |
| — | ZONING I-3S |
| — | ZONING A-1 |
| — | P-3185 |
| — | 50 FT. NO DISTURBANCE ZONING OFFSET BETWEEN A-1 AND ORIGINAL I-3S |

ADDITIONAL JEFFERSON COUNTY OFFSETS APPLICABLE ONLY TO (S-3) PROPERTY IN SECTION 9 (Recently Rezoned)

SECTION CORNERS ARE FROM SURVEYED SECTIONS
 PERMIT MAP COORDINATE SYSTEM IS
 NAD 27 ALABAMA WEST ZONE (FEET)
 SECTION CORNERS ON REVISION R-4 MAP
 WERE FROM USGS QUAD SHEET



CONTOUR INTERVAL: 10 FT.

SECTIONS 9, 16, & 17
 TOWNSHIP 15 SOUTH, RANGE 3 WEST,
 ALL IN JEFFERSON COUNTY, ALABAMA
 BASE MAP: GARDENDALE U.S.G.S. QUAD.

**BLACK WARRIOR
 MINERALS, INC.**

MINE NO. 1, P-3950, R-5

CUT LAYOUT MAP

I HEREBY CERTIFY THIS MAP TO BE
 TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.

PROFESSIONAL ENGINEER _____ DATE _____

| | | |
|---------------------|------------------|------------------|
| FILE: MINE NO. 1 | SCALE: 1" = 500' | JOB NO.: |
| APPROVED BY: C.W.M. | DATE: 06/17/14 | SHEET NO. 1 OF 1 |



OWNERSHIP LEGEND

| | |
|--|------------------------------------|
| SURFACE OWNERSHIP | MINERAL OWNERSHIP |
| (S-1) BLACK WARRIOR MINERALS, INC. | (M-1) BLACK WARRIOR MINERALS, INC. |
| (S-2) M LLC | (M-2) WALTER MINERALS, INC. |
| (S-3) SUMLEARAN, LLC. | (M-3) HUDDLESTON MINERALS, LLC. |
| (S-4) CHARLES R. WILLIS & JOHN D. WILLIS | |
| (S-5) KENNETH S. & EILEEN T. ROGERS | FEE OWNERSHIP |
| (S-6) STATE OF ALABAMA SCHOOL LANDS | (F-1) BLACK WARRIOR MINERALS, INC. |
| (S-7) MARY L. KNOX | |

NOTES:

NO BUILDINGS WITHIN 1,000' OF PERMIT AREA OTHER THAN SHOWN.
 LAND HOOK CONVEYS SURFACE AND MINERAL OWNERSHIP.
 SURFACE AND MINERAL OWNERSHIP BY FORTY EXCEPT WHERE NOTED OTHERWISE.
 LOCATION OF COAL AND TOPSOIL STOCKPILES ARE SUBJECT TO CHANGE.
 NO CITY OR TOWN LIMITS EXIST WITHIN 1,000' OF PERMIT AREA OTHER THAN SHOWN.
 NO CITY OR TOWN POLICE JURISDICTIONS EXIST WITHIN 1,000' OF PERMIT AREA OTHER THAN SHOWN.
 NO TOPSOIL STOCKPILES SHOWN DUE TO TOPSOIL VARIANCE REQUEST.