

MAP LEGEND

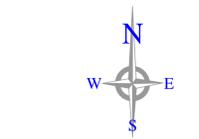
- ASMC PERMIT AREA
- PREVIOUSLY SURFACE MINED
- SURFACE OWNERSHIP DIVIDE OTHER THAN QUARTER/QUARTER LINE
- MINERAL OWNERSHIP DIVIDE OTHER THAN QUARTER/QUARTER LINE
- (S-1) SURFACE OWNERSHIP
- (M-1) MINERAL OWNERSHIP
- (F-1) FEE OWNERSHIP (SURFACE & MINERAL)
- HW — EXISTING HIGHWAY
- A % A' RECLAMATION CROSS-SECTION/ SLOPE MEASUREMENT
- PUBLIC ROAD
- PRIVATE ROAD
- PRIMARY ROAD
- NEW CASTLE SEAM COAL CROPLINE
- MARY LEE SEAM COAL CROPLINE
- BLUE CREEK SEAM COAL CROPLINE
- DRAINAGE COURSE
- INTERMITTENT AND/OR PERENNIAL STREAM
- DRAINAGE DIVIDE
- SETBACK OFFSET
- 1-65 RIGHT-OF-WAY
- OCCUPIED DWELLING
- UNOCCUPIED BUILDING/BARN, SHED, ETC.
- DIVERSION DITCH AND/OR ROADSIDE DITCH
- COAL STOCKPILE
- TOPSOIL STOCKPILE
- LAND HOOK
- MW-1 GROUNDWATER MONITORING SITE
- SEDIMENT BASIN
- IMPOUNDED WATER
- ZONING I-3S
- ZONING A-1
- ZONING C-2
- ZONING I-3
- P-3185
- P-3950
- 50 FT. ZONING DISTURBANCE OFFSET
- 100 FT. ZONING COAL EXTRACTION OFFSET
- 150 FT. JEFFERSON COUNTY NO DISTURBANCE OFFSET

INCREMENT COLOR CODE

- INCREMENT NO. 1
- INCREMENT NO. 2
- INCREMENT NO. 3
- INCREMENT NO. 4
- INCREMENT NO. 5

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 FEET 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.



CONTOUR INTERVAL: 10 FT.
 BASED OFF OF 2 FT JEFF. CO. CONTOURS

SECTIONS 2, 3, 9, 10, 11, 14, 15, 16
 TOWNSHIP 15 SOUTH, RANGE 3 WEST,
 ALL IN JEFFERSON COUNTY, ALABAMA
 BASE MAP: GARDENDALE & WARRIOR U.S.G.S. QUADS.

BLACK WARRIOR MINERALS, INC.

MINE NO. 2, P-3987, R-2

OPERATION PLAN MAP

FILE: MINE NO. 2	SCALE: 1" = 500'	JOB NO.:
APPROVED BY: B.K.S.	DATE: 10-20-2016	SHEET NO.: 1 OF 1

SPOIL AREA 2 - BONDED UNDER P-3987
 SPOIL AREA 1 BONDED UNDER P-3950

OWNERSHIP LEGEND		
SURFACE OWNERSHIP	MINERAL OWNERSHIP	FEE OWNERSHIP
(S-2) M LLC	(M-1) BLACK WARRIOR MINERALS, INC.	(F-1) BLACK WARRIOR MINERALS, INC.
(S-3) S.MLEARAN, LLC.	(M-2) WARRIOR MET COAL LAND, LLC	(F-2) WARRIOR MET COAL LAND, LLC
(S-4) CHARLES R. & JOHN D. WILLIS	(M-3) HUDDLESTON MINERALS, LLC.	(F-4) MYRTLE McCABE
(S-5) KENNETH S. & EILEEN T. ROGERS		(F-5) MARGOLD LAND CO.
(S-15) WILLIAM H. & MARY T. WILLIS		