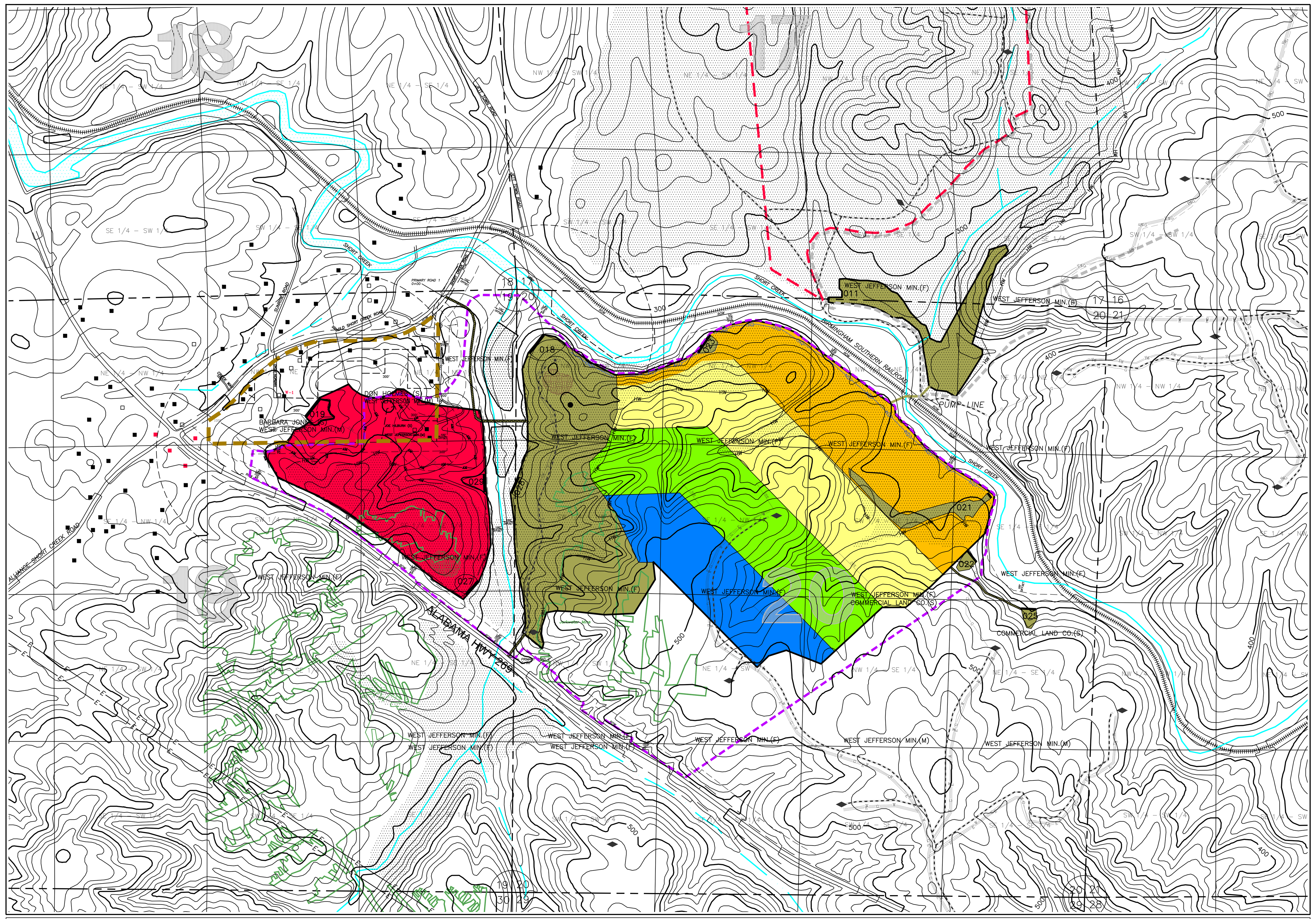
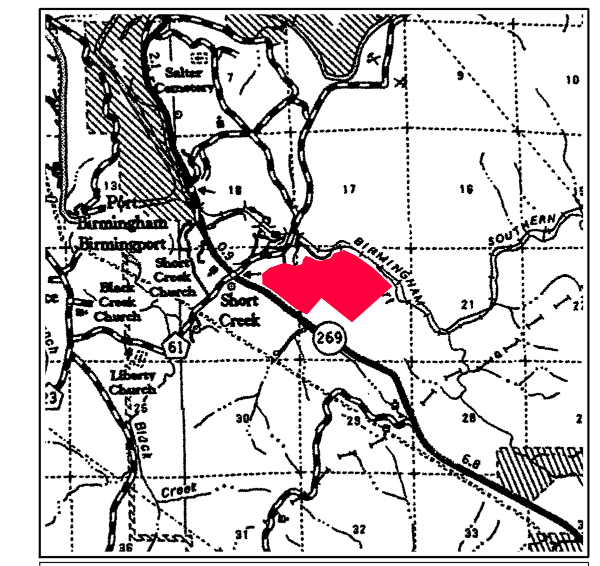


PERMIT AREA
Scale: 1"= 500'
Contour Interval = 20'

Base Map – Sylvan Springs
Alabama United States
Geological Survey Quadrangle Map.



VICINITY MAP
Scale: 1"= 1 Mile

LEGEND

- PERMIT BOUNDARY / INCREMENT BOUNDARY
- PREVIOUSLY SURFACE MINED AREA
- EXISTING HIGHWALL
- GAS WELL ROAD
- GAS WELL POWER LINE
- GAS WELL WATER LINE
- GAS WELL GAS LINE
- COALYARD LOCATION SUBJECT TO CHANGE
- TOPSOIL STOCKPILE
- 021P SEDIMENT BASIN
- STANDING WATER
- COUNTY ROAD (PAVED UNLESS OTHERWISE NOTED)
- ANCILLARY ROAD
- PRIMARY ROAD
- UNDERGROUND OLDWORKS
- AM AMERICAN CROPLINE
- LAND SLOPE MEASUREMENT
- OCCUPIED DWELLING
- COMMERCIAL BUILDING
- UNOCCUPIED DWELLING (BARN, SHED,ect.)
- ACTIVE GAS WELL
- PROPOSED GAS WELL
- PERENNIAL STREAM
- INTERMITTENT STREAM
- (M) MINERAL OWNERSHIP
- (S) SURFACE OWNERSHIP
- (F) SURFACE and MINERAL OWNERSHIP
- RAILROAD
- POWERLINE
- CUT SEQUENCE
- PROPERTY LINES OTHER THAN 1/4 – 1/4
- LAND HOOK
- DIVERSION DITCH / BERM
- ND NATURAL DRAINAGE FLOW
- 400 SURFACE CONTOUR
- P–3200 PERMIT BOUNDARY FORMERLY P–3525
- P–3492 PERMIT BOUNDARY
- P–3182 PERMIT BOUNDARY
- W–1 OCCUPIED DWELLING WAIVER
- ZONED A–1, ALL OTHER AREA WITHIN PERMIT ZONED I–3–S

BOND LEGEND

Increment 1 (red)	
Mining Area	51 Acres
Basin 019,027 & 029	3 Acres
Total Increment 1	54 Acres
Increment 2 (orange)	
Mining Area	45 Acres
Total Increment 2	45 Acres
Increment 3 (yellow)	
Mining Area	49 Acres
Total Increment 3	49 Acres
Increment 4 (green)	
Mining Area	42 Acres
Total Increment 4	42 Acres
Increment 5 (blue)	
Mining Area	29 Acres
Total Increment 5	29 Acres
Increment 6 (olive)	
Incidental	48 Acres
Basin 011,018,021,022,023,025 & 028	18 Acres
Primary Roads 1 & 2	3 Acres
Total Increment 6	69 Acres
Total Permit Acreage	288 Acres

NOTES

1) No Buildings Within 1000' of Permit Area Other Than Shown.
2) This site is within the Jefferson County Sheriff's Jurisdiction.
3) Coal Stockpile locations are subject to change.
4) Basin 011 and Pump Line Permitted and Bonded By P–3200 Shared Facility.

I, Steven R. Ingle, a Registered Professional Engineer, hereby certify the foregoing to be a true and correct map to the best of my knowledge and belief.

ALABAMA REGISTERED No. 18213 PROFESSIONAL ENGINEER STEVEN R. INGLE

Steven R. Ingle, P.E. *Date*
AL Reg. #18213

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rev no./date:	–	rev no./date:	12–10–13

SHORT CREEK SOUTH
PERMIT MAP
P-3915-01-14-S / RENEWAL
SECTIONS 17, 19 & 20
TOWNSHIP 17 SOUTH, RANGE 5 WEST
JEFFERSON COUNTY, ALABAMA