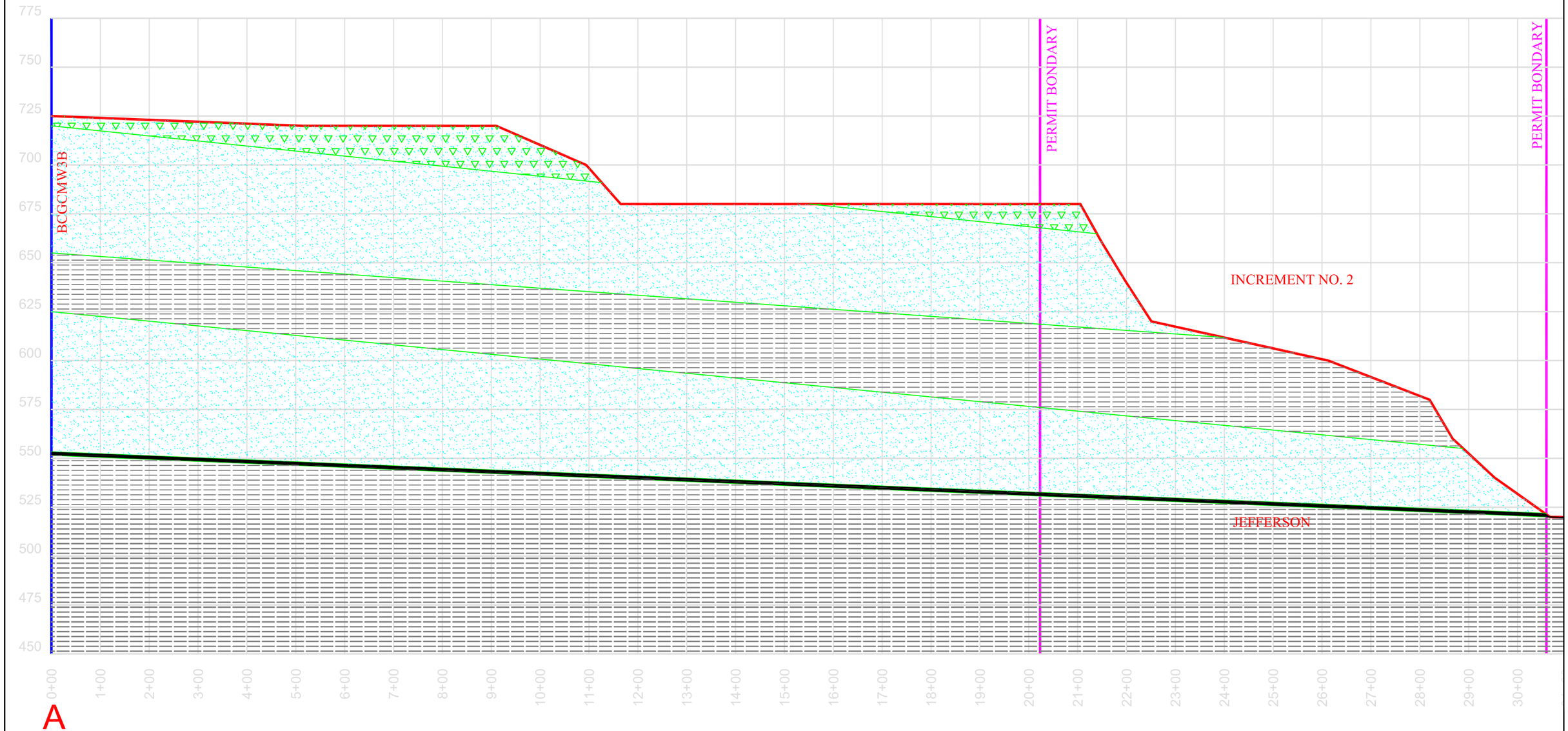


HORIZONTAL SCALE
1"=200'

VERTICAL SCALE
1"=50'

LEGEND

- SAND
- SURFACE MATERIAL
- SHALE
- ROAD MATERIAL
- COAL
- SAND & GRAVEL
- CLAY
- SPOIL

DSM
DESIGN GROUP, LLC
ENGINEERING / SURVEYING
1400 VIKING DRIVE
JASPER, ALABAMA 35501
TELEPHONE: (205) 221-6262

ALABAMA REGISTERED No.18496 PROFESSIONAL LAND SURVEYOR J. DAVID MCGEHEE

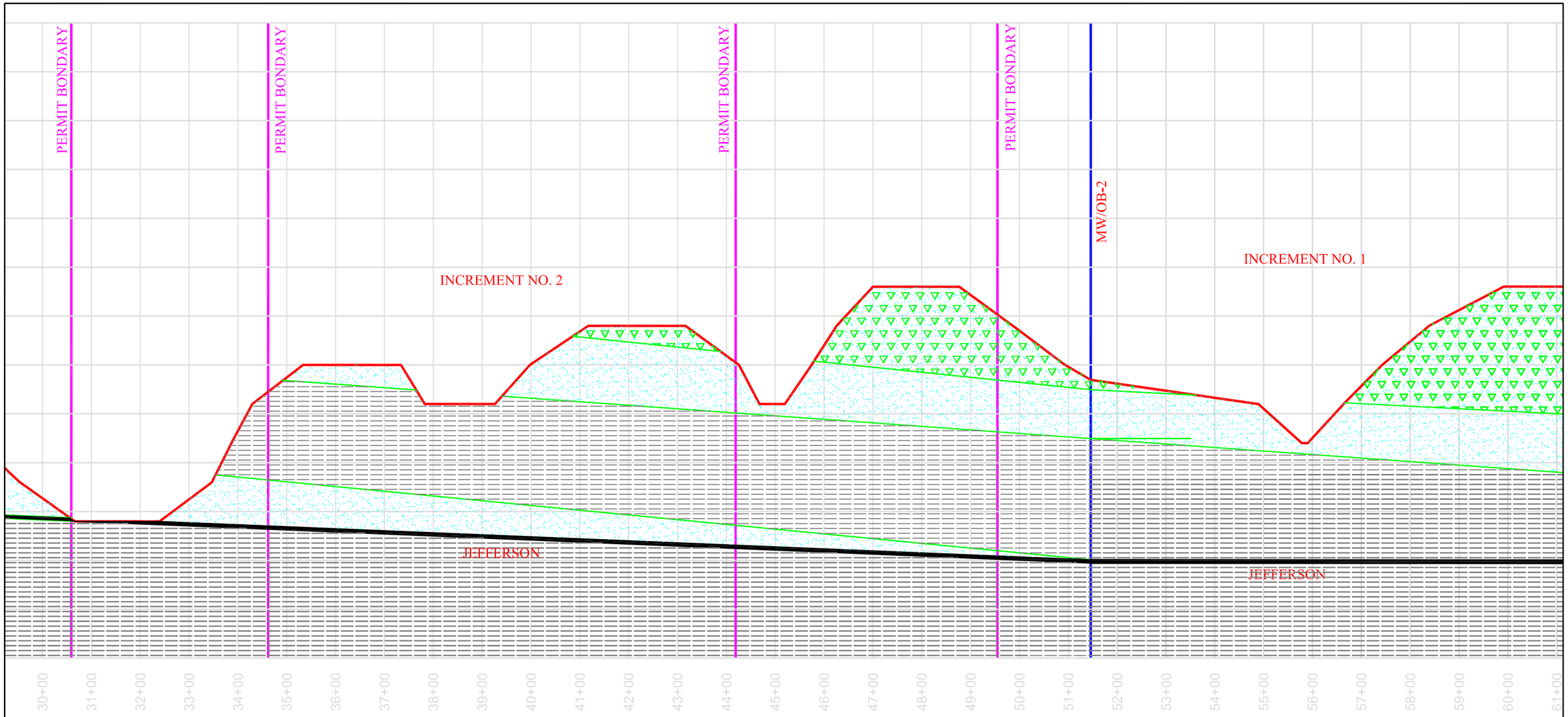
GEOLOGIC CROSS-SECTIONS

DRAWN BY: ZBW	APPROVED BY: JDM
DATE: 01/11/2013	DATE: 01/11/13
DWG. NAME.: BCC/KM/TCS.DWG	TYPE OF SURVEY:
SCALE: AS NOTED	MINIMUM CLOSURE:

BIRMINGHAM COKE AND COAL CO., INC.

GOODEN CREEK NO. 2 MINE
GEOLOGIC CROSS SECTION
A TO A'

SHT. NO. 1 / 5



HORIZONTAL SCALE
1"=200'

VERTICAL SCALE
1"=50'

LEGEND

SAND	COAL
SURFACE MATERIAL	SAND & GRAVEL
SHALE	CLAY
ROAD MATERIAL	SPOIL

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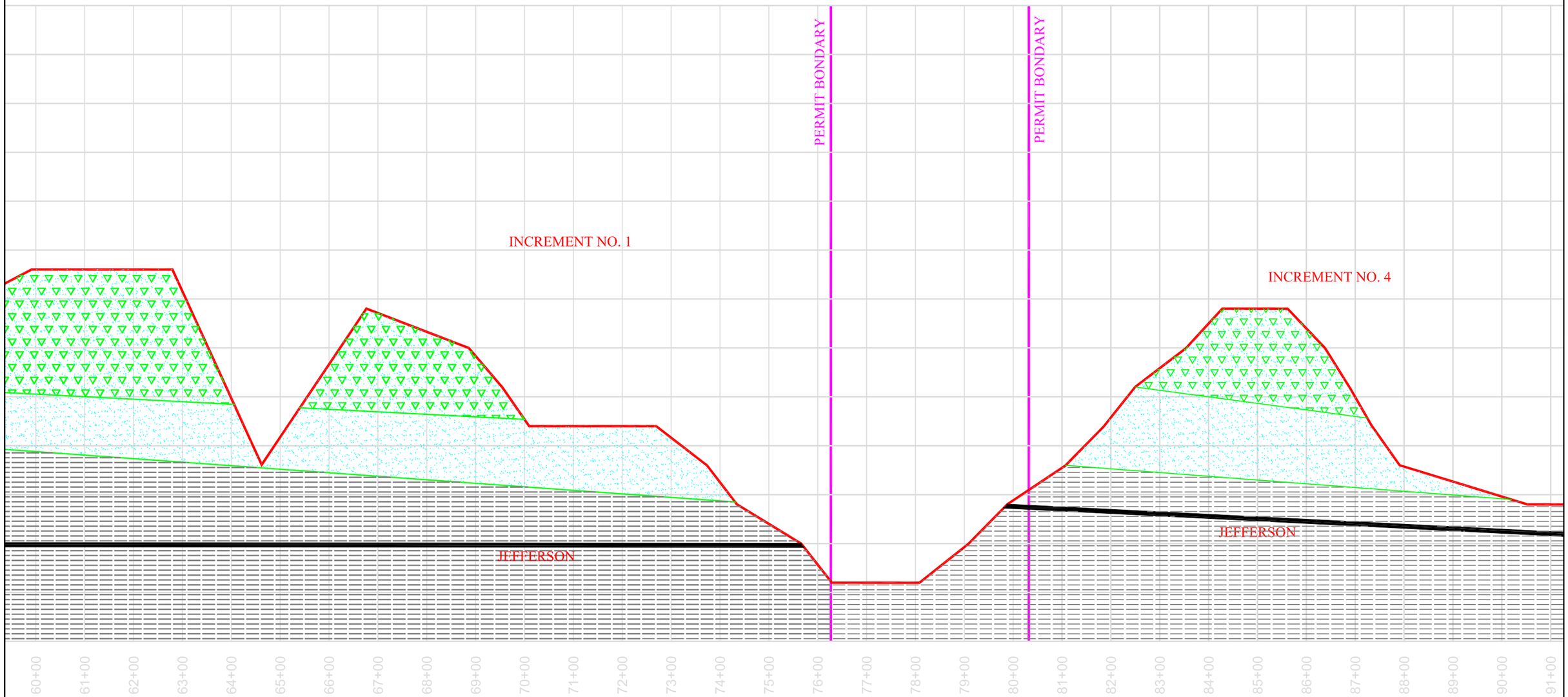
ALABAMA REGISTERED No.18496 PROFESSIONAL LAND SURVEYOR J. DAVID MCGEHEE

GEOLOGIC CROSS-SECTIONS

DRAWN BY: ZBW	APPROVED BY: JDM
DATE: 01/11/2013	DATE: 01/11/13
DWG. NAME.: BCC/KM/TCS.DWG	TYPE OF SURVEY:
SCALE: AS NOTED	MINIMUM CLOSURE:

BIRMINGHAM COKE AND COAL CO., INC.
GOODEN CREEK NO. 2 MINE
GEOLOGIC CROSS SECTION
A TO A'

SHT. NO. 2 / 5



HORIZONTAL SCALE
1"=200'

VERTICAL SCALE
1"=50'

LEGEND

- SAND
- COAL
- SURFACE MATERIAL
- SAND & GRAVEL
- SHALE
- CLAY
- ROAD MATERIAL
- SPOIL

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ALABAMA REGISTERED No.18496 PROFESSIONAL LAND SURVEYOR J. DAVID MCGEHEE

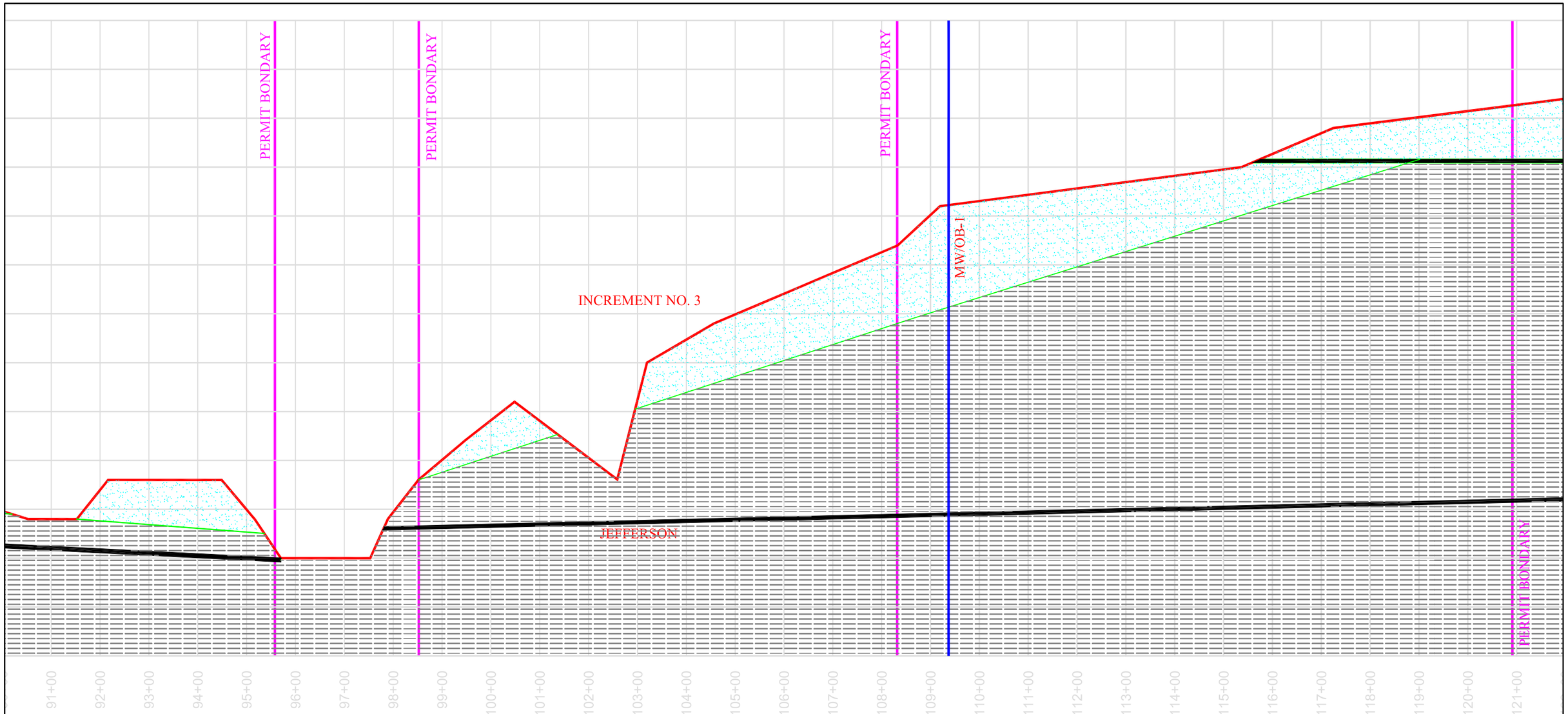
GEOLOGIC CROSS-SECTIONS

DRAWN BY: ZBW	APPROVED BY: JDM
DATE: 01/11/2013	DATE: 01/11/13
DWG. NAME.: BCC/KM/TCS.DWG	TYPE OF SURVEY:
SCALE: AS NOTED	MINIMUM CLOSURE:

BIRMINGHAM COKE AND COAL CO., INC.

GOODEN CREEK NO. 2 MINE
GEOLOGIC CROSS SECTION
A TO A'

SHT. NO. 3 / 5



HORIZONTAL SCALE
1"=200'

VERTICAL SCALE
1"=50'

LEGEND

- SAND
- COAL
- SURFACE MATERIAL
- SAND & GRAVEL
- SHALE
- CLAY
- ROAD MATERIAL
- SPOIL

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ALABAMA REGISTERED No.18496 PROFESSIONAL LAND SURVEYOR J. DAVID MCGEHEE

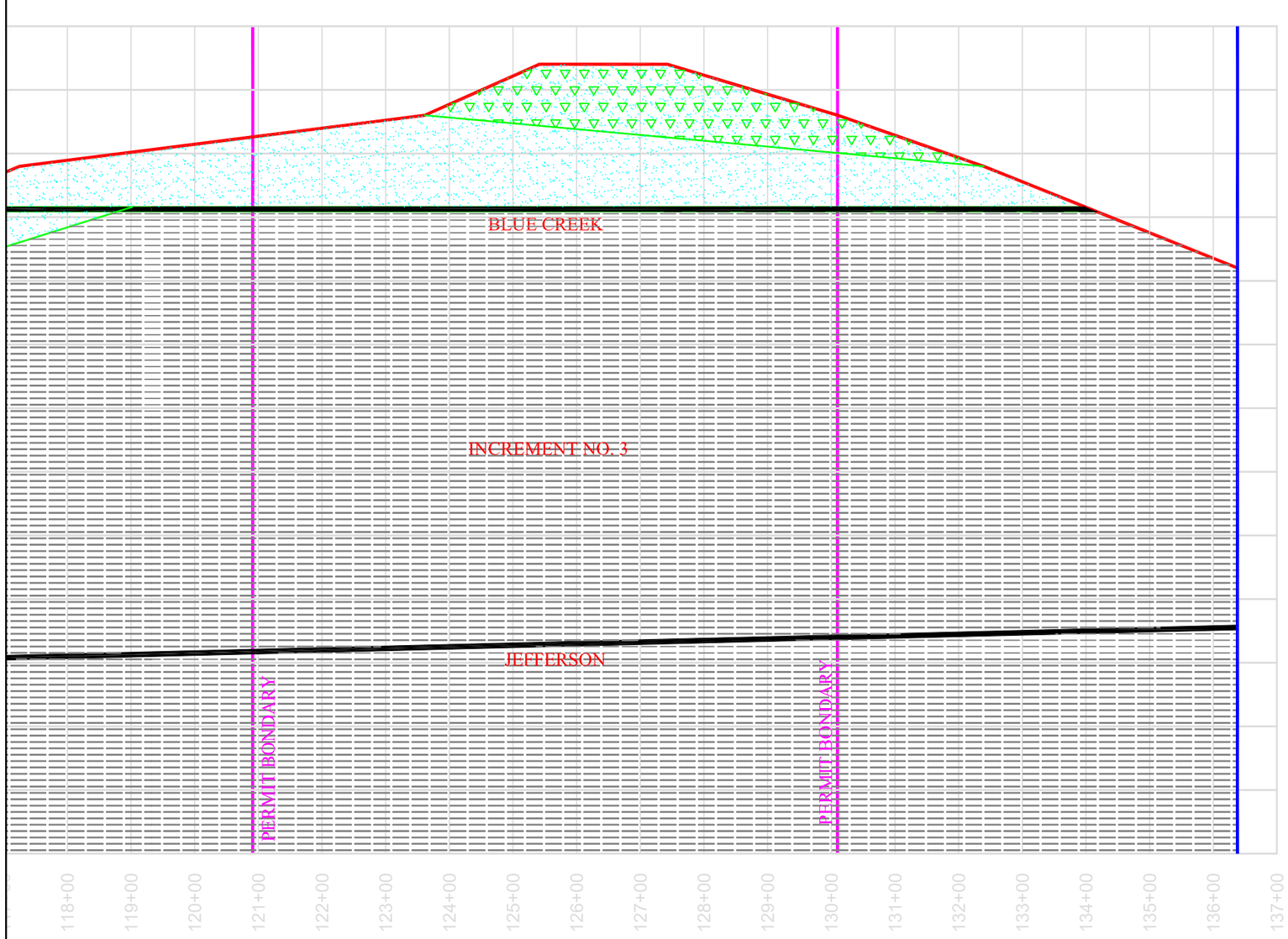
GEOLOGIC CROSS-SECTIONS

DRAWN BY: ZBW	APPROVED BY: JDM
DATE: 01/11/2013	DATE: 01/11/13
DWG. NAME.: BCC/KM/TCS.DWG	TYPE OF SURVEY:
SCALE: AS NOTED	MINIMUM CLOSURE:

BIRMINGHAM COKE AND COAL CO., INC.

GOODEN CREEK NO. 2 MINE
GEOLOGIC CROSS SECTION
A TO A'

SHT. NO. 4/5



A'

HORIZONTAL SCALE
1"=200'

VERTICAL SCALE
1"=50'

LEGEND

- SAND
- COAL
- SURFACE MATERIAL
- SAND & GRAVEL
- SHALE
- CLAY
- ROAD MATERIAL
- SPOIL

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ALABAMA REGISTERED No.18496 PROFESSIONAL LAND SURVEYOR J. DAVID MCGEHEE

GEOLOGIC CROSS-SECTIONS

DRAWN BY: ZBW	APPROVED BY: JDM
DATE: 01/11/2013	DATE: 01/11/13
DWG. NAME.: BCC/KM/TCS.DWG	TYPE OF SURVEY:
SCALE: AS NOTED	MINIMUM CLOSURE:

BIRMINGHAM COKE AND COAL CO., INC.
GOODEN CREEK NO. 2 MINE
GEOLOGIC CROSS SECTION
A TO A'

SHT. NO. 5/5