

# LOG OF DRILLING

AREA: ROCKY BRANCH PIT DRILL HOLE NO.: DH-1  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/7/2014  
ELEVATION: 459 MAP NUMBER: N/A

M.S.L.	TOTAL	STRATA	THICKNESS
ELEV.	DEPTH	DESCRIPTION	FT. & 10ths
459.00	0.00	Spoil	13.75
445.25	13.75	Coal Outcrop (Smut)	0.25
445.00	14.00	Clay	3.00
442.00	17.00	Refuse	0.00
442.00	17.00	Total Depth	

Drilling project supervised by Jacob Haley, Project Engineer of Dal-Tile Corporation, Unglazed Quarry Tile.  
1470 Country Rd. 21 South, Fayette, AL 35555 - Telephone: (205) 932-8944

Drill hole collar elevations estimated from aerial photography and contours, flight date: 6-13-16.

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-2**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/7/2014  
ELEVATION: 441 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
441.00	0.00	Topsoil	3.00
438.00	3.00	Yellow Sandstone	1.00
437.00	4.00	Refuse	0.00
437.00	4.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-3**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/7/2014  
ELEVATION: 442 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
442.00	0.00	Topsoil	2.00
440.00	2.00	Yellow Sandstone	1.00
439.00	3.00	Refuse	0.00
439.00	3.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-4**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/7/2014  
ELEVATION: 462 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
462.00	0.00	Spoil	14.50
447.50	14.50	Coal (Remnant)	0.10
447.40	14.60	Clay	1.50
445.90	16.10	Refuse	0.00
445.90	16.10	Total Depth	

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AREA:	ROCKY BRANCH PIT	DRILL HOLE NO.:	DH-5
COUNTY:	WALKER	STATE:	ALABAMA
DRILLER:	JACOB HALEY	DATE DRILLED:	4/7/2014
ELEVATION:	459	MAP NUMBER:	N/A

M.S.L.	TOTAL	STRATA	THICKNESS
ELEV.	DEPTH	DESCRIPTION	FT. & 10ths
459.00	0.00	Spoil	6.00
453.00	6.00	Yellow Clay	4.00
449.00	10.00	Coal	3.00
446.00	13.00	Clay	4.00
446.00	17.00	Refuse	0.00
446.00	17.00	Total Depth	

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AREA:	ROCKY BRANCH PIT	DRILL HOLE NO.:	DH-6
COUNTY:	WALKER	STATE:	ALABAMA
DRILLER:	JACOB HALEY	DATE DRILLED:	4/7/2014
ELEVATION:	471	MAP NUMBER:	N/A

M.S.L.	TOTAL	STRATA	THICKNESS
ELEV.	DEPTH	DESCRIPTION	FT. & 10ths
471.00	0.00	Spoil	11.00
460.00	11.00	Topsoil/Yellow Shale	4.00
456.00	15.00	Yellow Clay	6.00
450.00	21.00	Coal Outcrop (Smut)	1.00
450.00	22.00	Clay	3.00
447.00	25.00	Refuse	0.00
447.00	25.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-7**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/7/2014  
ELEVATION: 467 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
467.00	0.00	Spoil	13.00
454.00	13.00	Topsoil/Yellow Shale	2.00
452.00	15.00	Yellow Clay	1.50
450.50	16.50	Coal	1.50
450.50	18.00	Clay	5.00
445.50	23.00	Refuse	0.00
445.50	23.00	Total Depth	

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AREA:	ROCKY BRANCH PIT	DRILL HOLE NO.:	DH-8
COUNTY:	WALKER	STATE:	ALABAMA
DRILLER:	JACOB HALEY	DATE DRILLED:	4/7/2014
ELEVATION:	468	MAP NUMBER:	N/A

M.S.L.	TOTAL	STRATA	THICKNESS
ELEV.	DEPTH	DESCRIPTION	FT. & 10ths
468.00	0.00	Spoil	12.00
456.00	12.00	Topsoil/Yellow Shale	3.00
453.00	15.00	Yellow Clay	2.00
451.00	17.00	Coal Outcrop	2.00
451.00	19.00	Clay	4.00
447.00	23.00	Refuse	0.00
447.00	23.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-9**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/8/2014  
ELEVATION: 465 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
465.00	0.00	Spoil	16.00
449.00	16.00	Yellow Clay	3.00
449.00	19.00	Coal (Hard) Refuse	??
446.00	19.00	Refuse	0.00
446.00	19.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-10**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/8/2014  
ELEVATION: 467 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
467.00	0.00	Spoil	22.00
445.00	22.00	Clay	2.00
443.00	24.00	Refuse	0.00
443.00	24.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: DH-11  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/8/2014  
ELEVATION: 466.5 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
466.50	0.00	Spoil	12.00
454.50	12.00	Yellow Sandstone	8.00
446.50	20.00	Red/Yellow Mottled Clay	6.00
440.50	26.00	White Sandstone	1.00
446.50	27.00	Refuse	0.00
446.50	27.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-12**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/8/2014  
ELEVATION: 465.5 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
465.50	0.00	Spoil	13.00
452.50	13.00	Red/Yellow Mottled Clay	9.00
443.50	22.00	Coal	1.00 (?)
442.50	23.00	Refuse	0.00
442.50	23.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-13**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/8/2014  
ELEVATION: 465 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
465.00	0.00	Spoil	27.00
438.00	27.00	Clay	2.00
436.00	29.00	Refuse	0.00
436.00	29.00	Total Depth	

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AREA:	ROCKY BRANCH PIT	DRILL HOLE NO.:	DH-14
COUNTY:	WALKER	STATE:	ALABAMA
DRILLER:	JACOB HALEY	DATE DRILLED:	4/8/2014
ELEVATION:	437	MAP NUMBER:	N/A

M.S.L.	TOTAL	STRATA	THICKNESS
ELEV.	DEPTH	DESCRIPTION	FT. & 10ths
437.00	0.00	Topsoil	1.00
436.00	1.00	Red Sandy Clay	6.00
430.00	7.00	Hard Gray Sandstone	1.00
429.00	8.00	Brown Sandstone	2.00
427.00	10.00	Gray Sandstone	2.00
430.00	12.00	Refuse	0.00
430.00	12.00	Total Depth	

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AREA: ROCKY BRANCH PIT DRILL HOLE NO.: **DH-15**  
COUNTY: WALKER STATE: ALABAMA  
DRILLER: JACOB HALEY DATE DRILLED: 4/8/2014  
ELEVATION: 431 MAP NUMBER: N/A

<b>M.S.L.</b>	<b>TOTAL</b>	<b>STRATA</b>	<b>THICKNESS</b>
<b>ELEV.</b>	<b>DEPTH</b>	<b>DESCRIPTION</b>	<b>FT. &amp; 10ths</b>
431.00	0.00	Topsoil	1.00
430.00	1.00	Red Sandy Clay	7.00
423.00	8.00	Hard Gray Sandstone	1.00
422.00	9.00	Brown Sandstone	1.00
423.00	10.00	Refuse	0.00
423.00	10.00	Total Depth	

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