

Little Shoal Creek Section

May 19, 1959

B. R. Haley - E. A. Merswether

721 = 7

11' 4"

sh., dk. gy., v.f. mica., bddg.  $\frac{1}{8}$ - $\frac{1}{2}$ "

724 - 3

14' 2"

Interbdd. dk. gy. sh. + md. gy. slts.;  
sh. in zones up to  $\frac{1}{2}$ " bds up to  
 $\frac{1}{8}$ " slts. in bds up to  $\frac{1}{2}$ "  
sltst. is f. to md. mica.; irreg.  
bdd; prob. 40% sltst.

702 - 1

5' 0"

Ss., md. gy., v.f. gr., v. slty., irreg.  
bdd., bds from  $\frac{1}{2}$ -5", f. mica.

697 - 1

42' 2"

Covered,

634 - 11

6' 0"

sh., dk. gy. to gy bl., f. mica., sl. slty.  
in part, bddg.  $\frac{1}{8}$ - $\frac{1}{2}$ "

640 - 11

4' 0"

sh. dk. gy., f. to md. mica, sl. slty. in  
part, v. fossiliferous; crin., brachs,  
pelec. gastro.; ironst. concs. up  
to 1", calcite nodules up to  $\frac{1}{2}$ " bddg.  
nondescript; may be limy; badly  
ironstained upon weathering. Foss.  
zone rests upon underlying sh.  
with an apparent angular unconf.  
of about 5°.

644 - 11

187' 6"

sh., dk. gy.

64 5

4545

152' 10"

sh., dk. gy.

3047

136' 6"

sh., dk. gy., bddg.  $\frac{1}{8}$ - $\frac{1}{4}$ ", few ironst. concret. up to  $\frac{1}{2}$ "

188-1

17' 3"

Covered

May 20, 1959 - moved down to Creek along road

150-10

36' 1"

ss., lt. gy., f. gr., slty., f. to md. mica., irreg. bdd., cross bdd., bds. from 8-40", scatt. md. grs. in lower 10'

174-9

11' 6"

ss., lt. gy., f. to md. gr., cross bdd., foreset bdd., bds. 2-8"

103-3

11' 6"

ss., lt. to md. gy., v. f. gr., slty., irreg. bdd., bds. 1-14"

91-9

5' 9"

ss., gy. wh., f. gr., scatt. md. grs., clean, foreset bdd., irreg. bdd., bds. 4-30"

86-0

17' 3"

ss., lt. gy., f. to md. gr., sl. slty., abund. c. to v. c. qtz., irreg. bdd., bds. from 6-20"

69-9

3' 0"

sh., dk. gy. to gy. bl., bddg. up to  $\frac{1}{2}$ ", f. mica,

- 65-9  
2' 9" sfts, md. to dk. gy, v.f. mica, bddg. from  $\frac{1}{16}$ - $\frac{1}{2}$ ", few lenses of md. gy., v.f. gr., v. slty, ss, up to  $\frac{1}{2}$ "
- 63-0  
62<sup>to</sup> 6"  
1' 5" ss, md. to dk. gy., v.f. gr., v. slty, v.f. mica, ripple marked, thickens to 1' 5" 40' to the north
- 61-1  
5' 9" Interbdd, dk. gy. sh. + md. gy. sfts, sfts. is lenticular + irreg. bdd. in bds. from  $\frac{1}{8}$ - $\frac{1}{2}$ ", sh. in zones up to 6" bds up to  $\frac{1}{4}$ ", prob. 40% sltst,
- 55<sup>L</sup>  
6" ss, md. gy., v. f. gr., v. slty., v.f. mica, ripple marked
- 54-10  
5" sh, dk. gy. to gy. bl, bddg  $\frac{1}{8}$ - $\frac{1}{4}$ "
- 54-5  
4' 10" ss, lt. gy., v. f. gr., v. slty., v.f. mica, cross bdd, bds. from 2-20"
- 49-7  
2' 8" Interbdd. dk. gy. sh. + md. gy. sfts. + lt. gy. ss., ss. + sfts. in bds. up to  $\frac{1}{4}$ " sh. in bds. up to  $\frac{1}{4}$ ", prob. 50% ss., 30% sh., 20% sfts.
- 46"  
12' 8" ss, lt. gy., v.f. gr., f. mica., irreg. bdd, bds. from 1-18", cross bdd.

34-3

2' 2" s/sst., md. gy., irreg. bdd., bds up to 1/2", v.f., mica,

32-1

1' 0" ss., md. gy., v.f. gr., v. slty., f. mica, all one bed,

31-1

1' 0" Covered, prob, dk. gy. sh.

30-1

5' 7" ss., lt. gy., v.f. to f. gr., convolute bdd. Has <sup>200ft. N</sup> 7" zone of sh. + slts. 1' from top. Changes from one convolute bd. to interbdd. sh., slts., + ss. 200ft to the north.

24-6

4' 0" sh., dk. gy., v.f. mica, sl. slty., has a 1' layer of concretionary slts. (?) 2' from base, slts. in concre. is lt. gy. in concentric layers, concre. are irreg. shaped + up to 1' in diam.

25-6

4' 0" Inter bd. md. gy. slts. + lt. gy. ss., ss. is v.f. gr. + v. slty., both have f. mica, both irreg. bdd. with bds up to 2" both are ripple marked, some slts. occurs in concretions (?) up to 6",

16-6

11' 6" ss., md. gy., v.f. gr., f. mica, irreg. bds. with bds from 2-8", ripple marked,

clean,

5' 0" ss., lt. gy., f. gr., bds. from 6-16" —  
approx. top of Hts. ss.

END OF SECTION

5' 0"	55' 4"	648' 5"
11' 6"	51' 9"	6' 0"
16' 6"	61' 1"	654' 5"
4' 0"	1' 5"	42' 2"
20' 6"	62' 6"	696' 7"
4' 0"	2' 9"	6' 0"
24' 0"	65' 3"	701' 7"
4' 6"	68' 0"	14' 2"
24' 6"	17' 3"	715' 9"
5' 6"	85' 3"	11' 4"
30' 7"	95' 6"	727' 1"
1' 1"	91' 9"	
30' 0"	11' 3"	
1' 1"	102' 9"	
32' 0"	11' 6"	
1' 1"	114' 3"	
32' 2"	36' 1"	
2' 3"	150' 4"	
34' 3"	171' 3"	
12' 8"	167' 7"	
46' 8"	136' 6"	
2' 11"	304' 1"	
4' 7"	152' 10"	
9' 10"	456' 11"	
7' 10"	187' 5"	
54' 5"	644' 0"	
5' 5"	648' 5"	
54' 10"		
55' 4"		

Southcentral New Blaine Section

May 18, 1959

B.R. Haley - E.A. Merewether

926 <sup>10</sup> 57' 6"	sh., dk. gy., bddg. $\frac{1}{8}$ - $\frac{1}{4}$ " few lenses dk. gy. slts. up to 2", sltst. lenses are in the lower 8'
869 <sup>4</sup> 74' 9"	Covered
794 <sup>7</sup> 28' 9"	ss., lt. to md. gy., v.f. gr., v. slty., v.f. micz., cross bdd., irreg. bdd., bds 2-6"
765 <sup>10</sup> 10"	slts., md. gy., $\frac{1}{2}$ " bddg.,
765 40' 3"	ss., md. gy., v.f. gr., v.f. micz., v. slty., irreg. bdd., bds. from 1-5", cross-bdd., well cemented, ripple marked,
724 <sup>9</sup> 17' 3"	Poorly exposed, prob. ss. as before,

END OF SECTION

See S-Central  
Section in Paris  
and New Blaine Book.

707' 6"  
17' 3"  
724' 9"  
40' 3"  
765'  
765' 10"  
28' 9"  
794' 7"

794' 7"  
70' 7"  
869' 9"  
57' 6"  
926' 10"

New Blaine - South-Central (cont. from another notebook)

May 19, 1959

B.R. Haley - E.A. Merewether

- 107 6  
14' 3" Covered - base of covered unit is top of ss.
- 693 3  
34' 6" sltst., dk. gy., v. f. mica, irreg. bdd., bds.  $\frac{1}{4}$ -1"
- 658 9  
5' 9" Covered
- 653 0  
30' 10" Sh., dk. gy - gy. bl., bddg.  $\frac{1}{8}$ - $\frac{1}{4}$ ", few ironst. concr. up to  $\frac{1}{2}$ " in diam.
- 622 2  
7' 4" Interbdd. dk. gy. sh. + md. to dk. gy. sltst. sltst. is irreg. bdd., bds. from  $\frac{1}{4}$  to 1" sh. in zones from  $\frac{1}{4}$ - $\frac{1}{2}$ " in bds.  $\frac{1}{8}$ - $\frac{1}{16}$ "
- 614 10  
17' 3" Sh., dk. gy., sl. slty., bddg.  $\frac{1}{8}$ - $\frac{1}{2}$ "
- 597 7  
5' 9" slts., dk. gy., irreg. bdd., bds.  $\frac{1}{8}$ - $\frac{1}{2}$ "
- 591 10  
103' 6" Sh., dk. gy., bddg. from  $\frac{1}{8}$ - $\frac{1}{4}$ ", sl. slty.,
- 488 4  
23' 0" sh., dk. gy., as before, poorly expos.
- 465 4  
126' 6" Covered - prob. sh., dk. gy.
- 338 10  
270' 3" Covered - Contact between Aloka + Hartshorne fms. is prob. in upper 20 ft. of covered interval.

287

29' 7"

Ss, H. gy., v. f. gr., slty, f. mica., irreg. to reg. bdd., bds. from 1-30", most bddg. is 10-20"

39

16' 0"

Ss, H. gy. to gy. wh, f. gr., f. mica., irreg. bdd., bds. from 6-48", cross bdd. in part

23' 0"

Ss, H. gy. to gy. wh, f. to md. gr., porous, convolute bdd., scatt. c. to v. c. grs.

END OF SECTION

23	614' 10"
16	7' 4"
39	621' 14"
29' 7"	622' 2"
68' 7"	30' 10"
970' 3"	653' 9"
338' 10"	658' 9"
126' 6"	694' 9"
46' 4"	693' 15"
23' 4"	14' 3"
48' 8"	707' 6"
103' 6"	
59' 11"	
5' 9"	
17' 7"	
614' 10"	