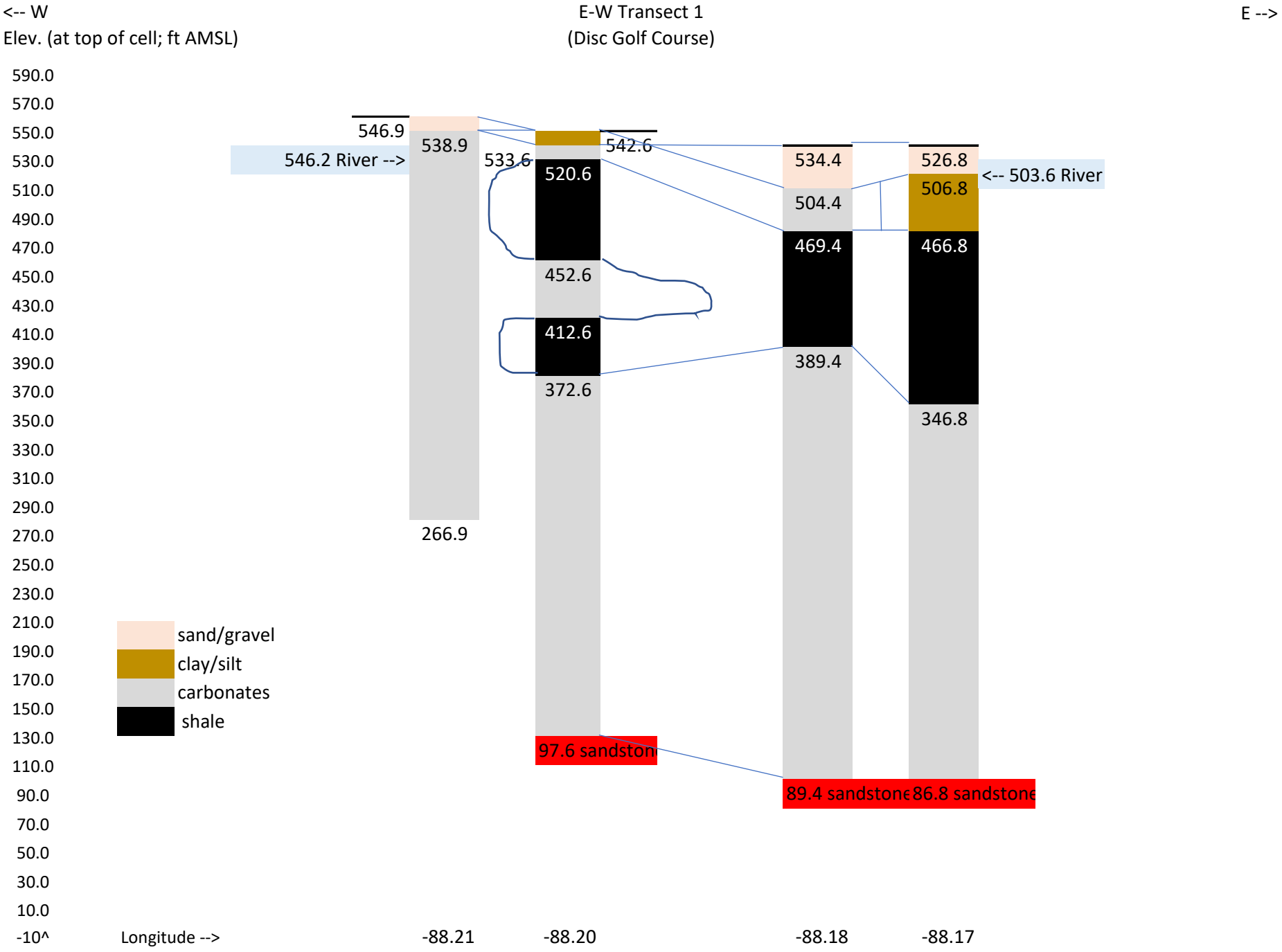
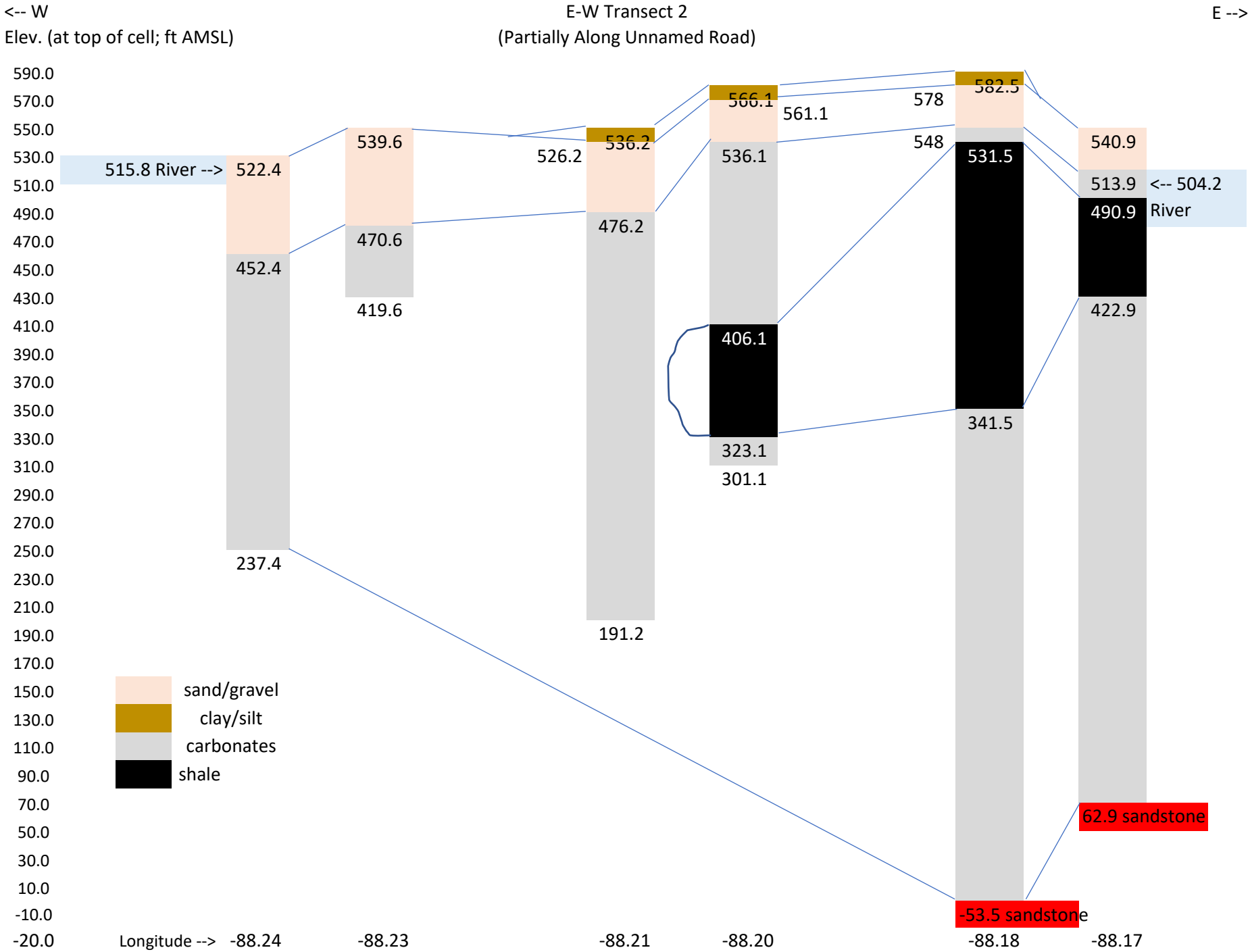
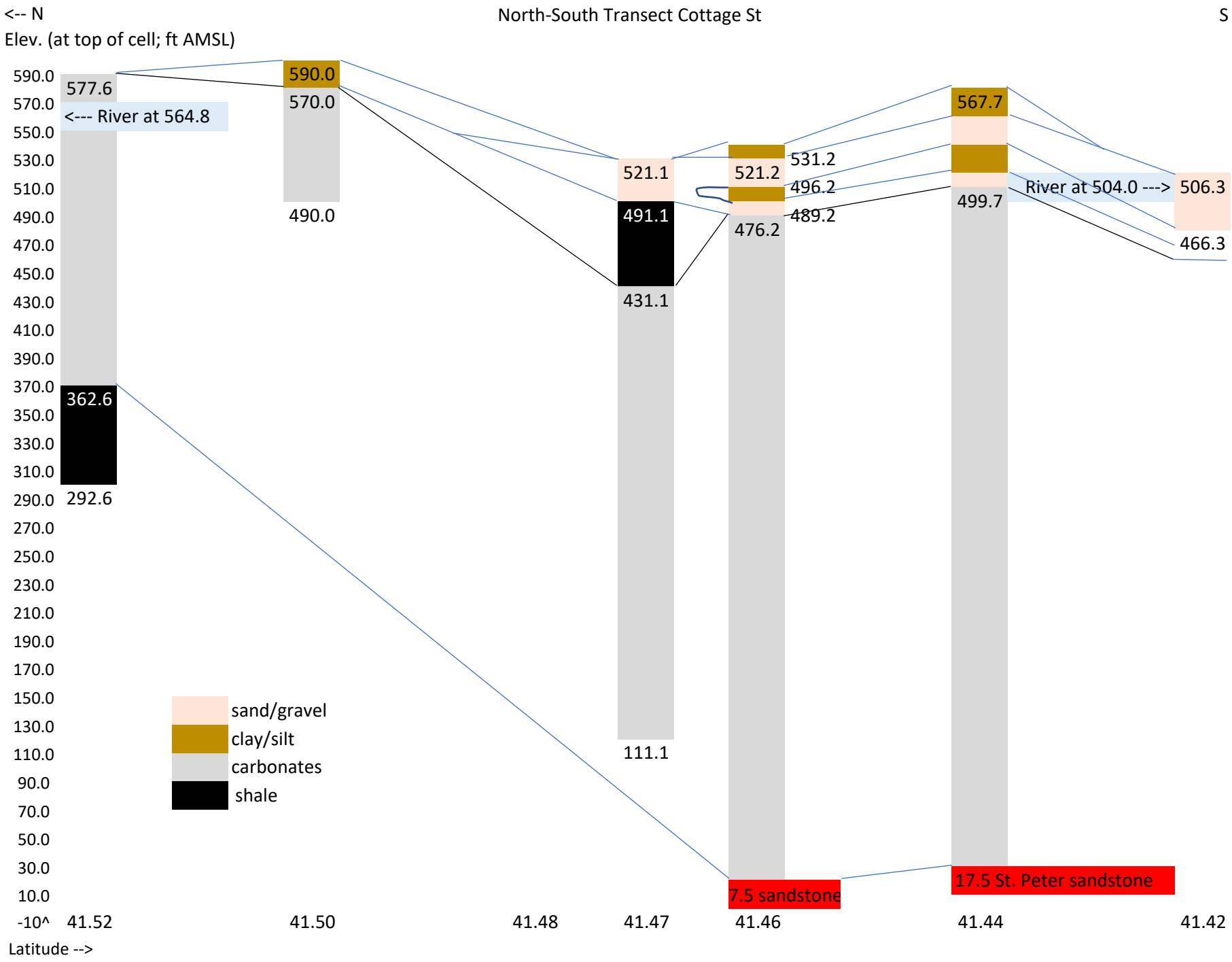

<-- W
E-W Transect 1
(Disc Golf Course)
E -->
Elev. (at top of cell; ft AMSL)
590.0
570.0
550.0
530.0
510.0
490.0
470.0
450.0
430.0
410.0
390.0
370.0
350.0
330.0
310.0
290.0
270.0
250.0
230.0
210.0
190.0
170.0
150.0
130.0
110.0
90.0
70.0
50.0
30.0
10.0
-10^
546.9
538.9
546.2 River -->
533.6
542.6
520.6
452.6
412.6
372.6
266.9
534.4
504.4
469.4
389.4
526.8
506.8
466.8
346.8
<-- 503.6 River
97.6 sandston
89.4 sandstone
86.8 sandstone
sand/gravel
clay/silt
carbonates
shale
Longitude -->
-88.21
-88.20
-88.18
-88.17


<-- W
E-W Transect 2
(Partially Along Unnamed Road)
E -->
Elev. (at top of cell; ft AMSL)
590.0
570.0
550.0
530.0
510.0
490.0
470.0
450.0
430.0
410.0
390.0
370.0
350.0
330.0
310.0
290.0
270.0
250.0
230.0
210.0
190.0
170.0
150.0
130.0
110.0
90.0
70.0
50.0
30.0
10.0
-10.0
-20.0
515.8 River -->
522.4
452.4
237.4
539.6
470.6
419.6
526.2
536.2
476.2
191.2
566.1
561.1
536.1
406.1
323.1
301.1
578
582.5
548
531.5
341.5
-53.5 sandstone
540.9
513.9
<-- 504.2
River
490.9
422.9
62.9 sandstone
sand/gravel
clay/silt
carbonates
shale
Longitude -->
-88.24
-88.23
-88.21
-88.20
-88.18
-88.17


<-- N
North-South Transect Cottage St
S -->
Elev. (at top of cell; ft AMSL)
590.0
570.0
550.0
530.0
510.0
490.0
470.0
450.0
430.0
410.0
390.0
370.0
350.0
330.0
310.0
290.0
270.0
250.0
230.0
210.0
190.0
170.0
150.0
130.0
110.0
90.0
70.0
50.0
30.0
10.0
-10^
577.6
<--- River at 564.8
362.6
292.6
590.0
570.0
490.0
521.1
491.1
431.1
111.1
521.2
531.2
496.2
489.2
476.2
7.5 sandstone
567.7
499.7
17.5 St. Peter sandstone
River at 504.0 --->
506.3
466.3
sand/gravel
clay/silt
carbonates
shale
41.52
41.50
41.48
41.47
41.46
41.44
41.42
Latitude -->

Transect	API Number	Latitude	Longitude	Surface Elev	Link to Well Log	Note
EW_1	DuPage	41.472049	-88.214652	546.2	N/A; this is the river	
EW_1	121973162700	41.471007	-88.214809	546.9	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973162700	
EW_1	121974112700	41.470919	-88.199500	542.6	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974112700	
EW_1	121973165200	41.471358	-88.177060	534.4	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973165200	
EW_1	121973779800	41.472383	-88.173014	526.8	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973779800	
EW_1	Des Plaines	41.470249	-88.169195	503.6	N/A; this is the river	
EW_2	DuPage	41.444224	-88.239695	515.8	N/A; this is the river	
EW_2	121973727900	41.444118	-88.239158	522.4	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973727900	
EW_2	121973971200	41.443729	-88.225079	539.6	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973971200	
EW_2	121974073300	41.445276	-88.212887	536.2	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974073300	
EW_2	121973673900	41.444671	-88.197113	566.1	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973673900	
EW_2	121974206600	41.444843	-88.184322	582.5	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974206600	
EW_2	121970033100	41.445632	-88.170529	540.9	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970033100	
EW_2	Des Plaines	41.445428	-88.167187	504.2	N/A; this is the river	
NS_2	DuPage			564.8	N/A; this is the river	
NS_2	121973680700	41.519260	-88.197509	577.6	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973680700	
NS_2	121973604800	41.495168	-88.197088	590.0	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973604800	
NS_2	121972935100	41.466504	-88.195259	521.1	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972935100	
NS_2	121974596800	41.462537	-88.195758	532.5	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974596800	*
NS_2	121973838000	41.462380	-88.194706	531.2	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973838000	
NS_2	121972590901	41.441374	-88.195850	567.5	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972590901	*
NS_2	121972629300	41.441275	-88.195908	567.7	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972629300	
NS_2	121973481800	41.422455	-88.195144	506.3	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973481800	
NS_2	Des Plaines			504.0	N/A; this is the river	

*The lower part of this well log reaches layers below the assumed model domain and thus was appended to the well log of its matching color (which did not reach low enough) for an estimate of depth to model bottom boundary at the well log of interest. The well log of interest is the one not indicated by an *; the layers of this well log are the ones used in the transect.