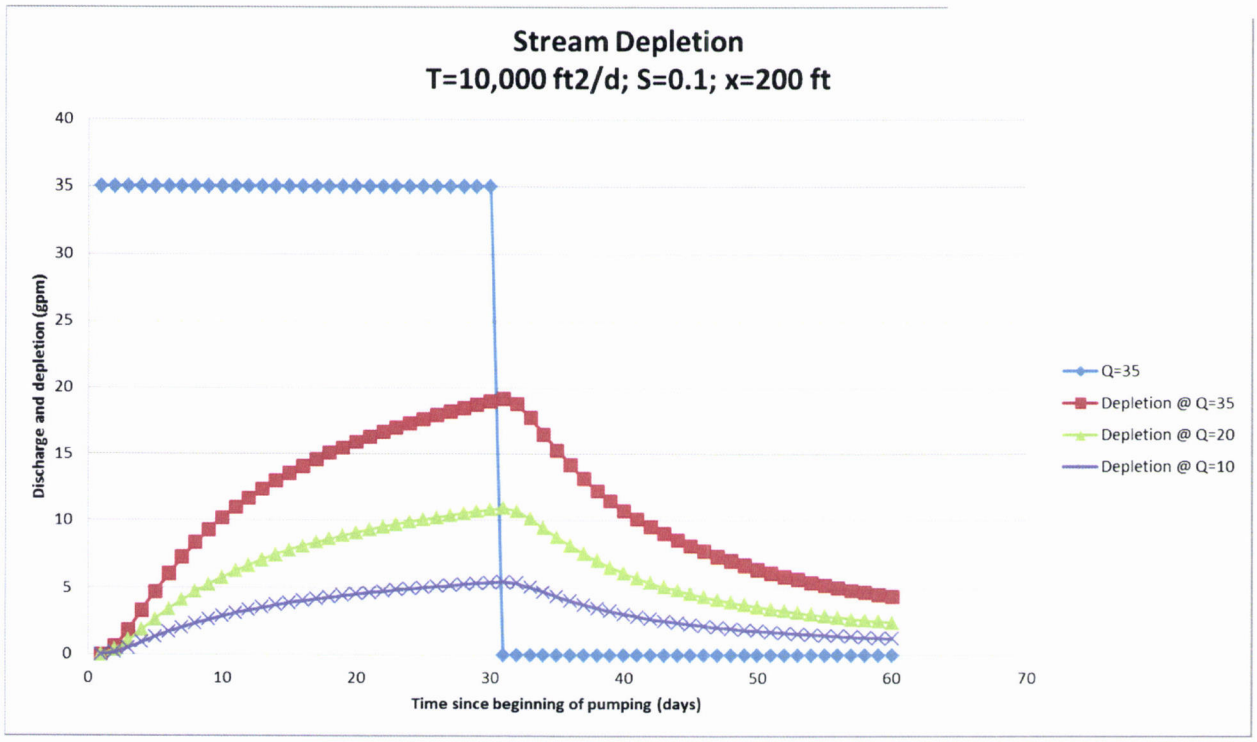
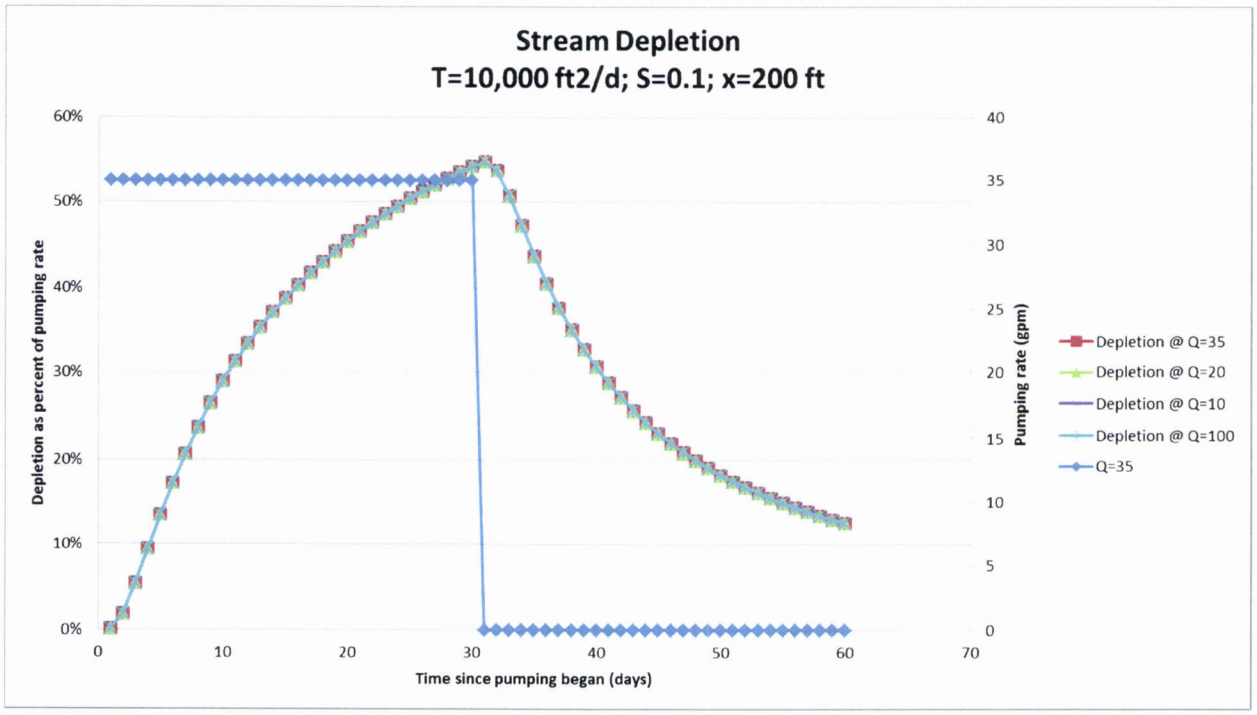
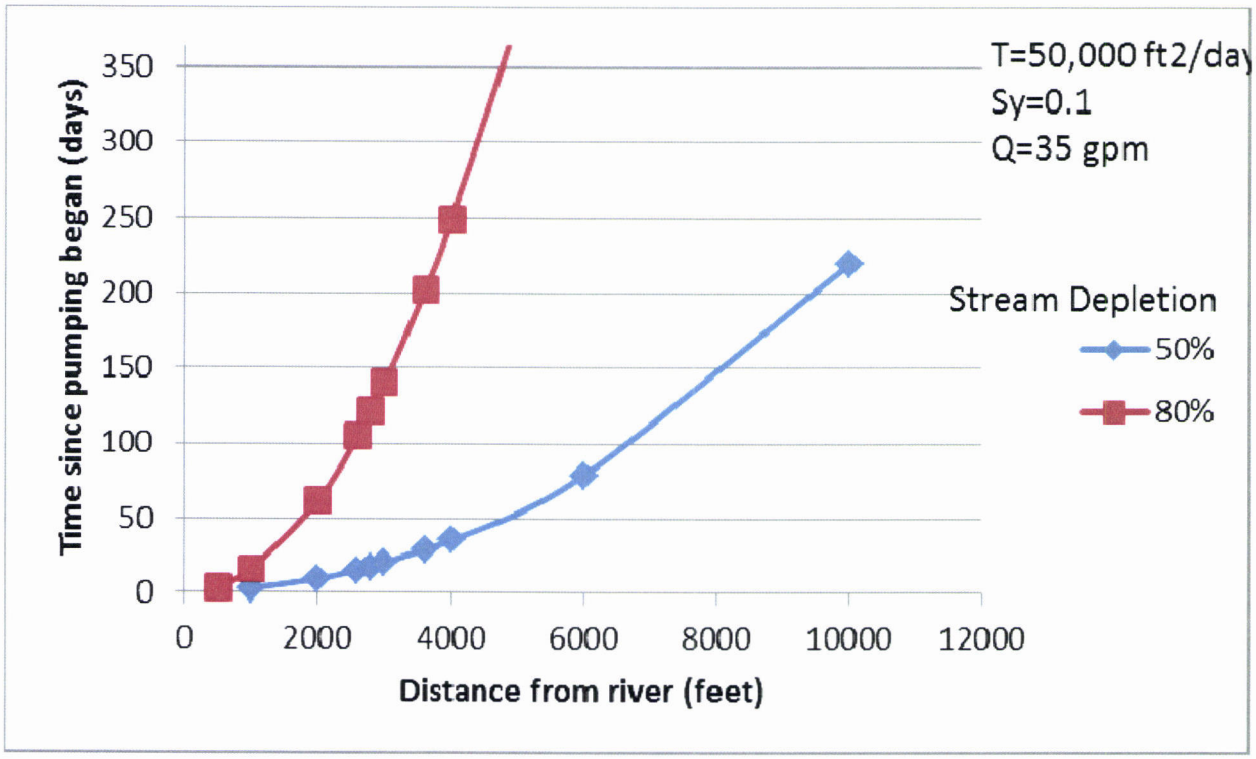
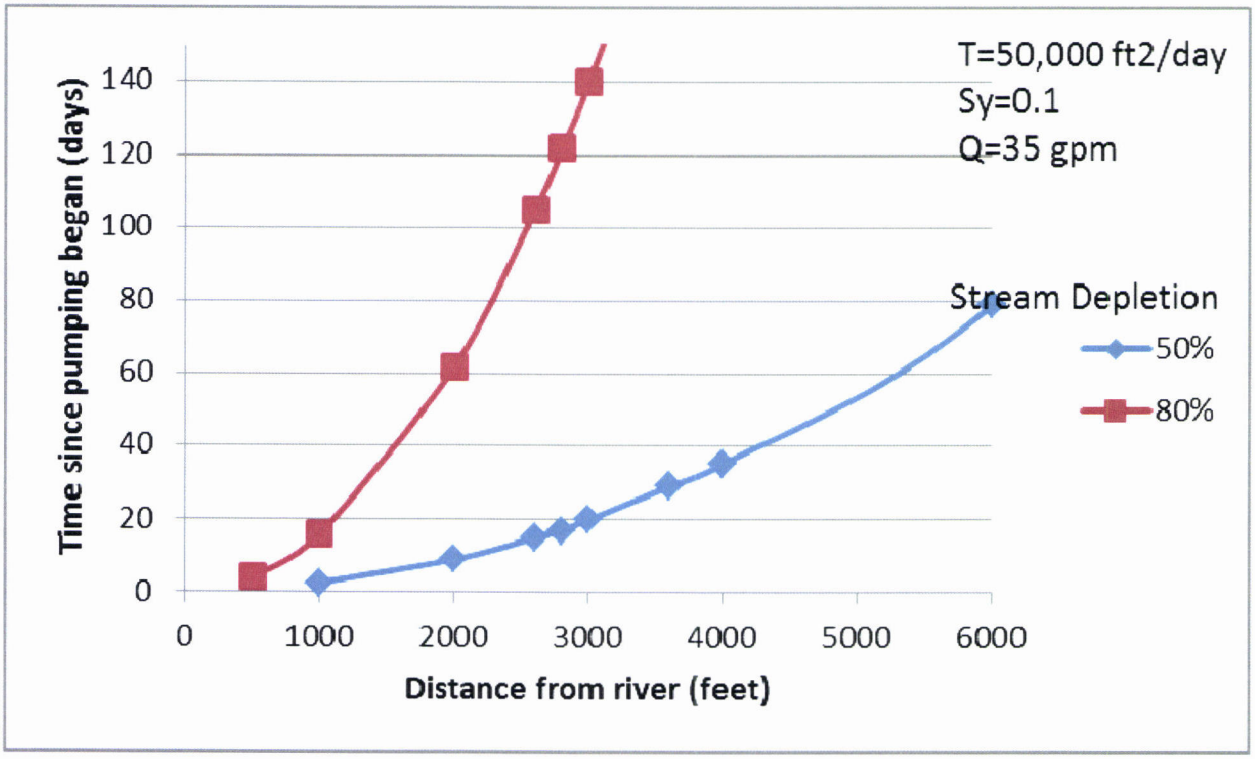




Textbook example based on the "Colorado Model" (WPDM Software, 2001; based on Schroeder, 1987). See model documentation for assumptions and limitations.

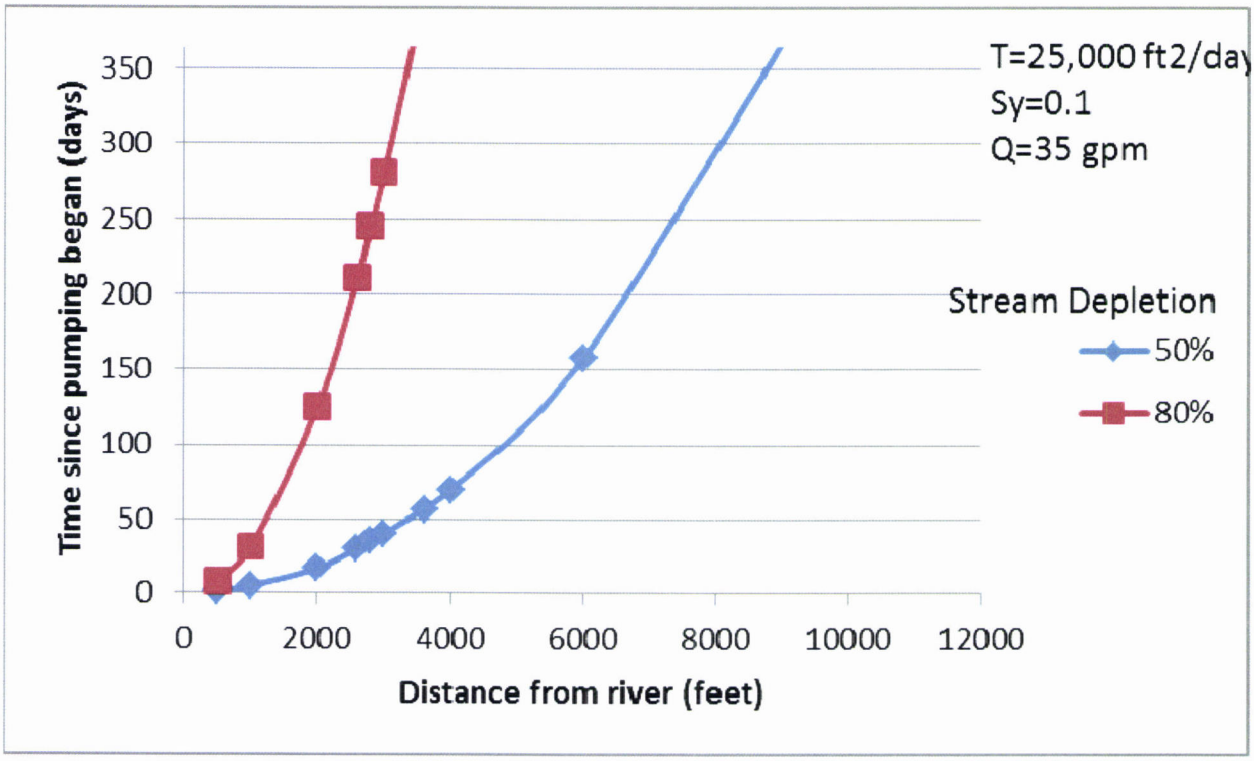
A Large Highly Productive Alluvial Aquifer

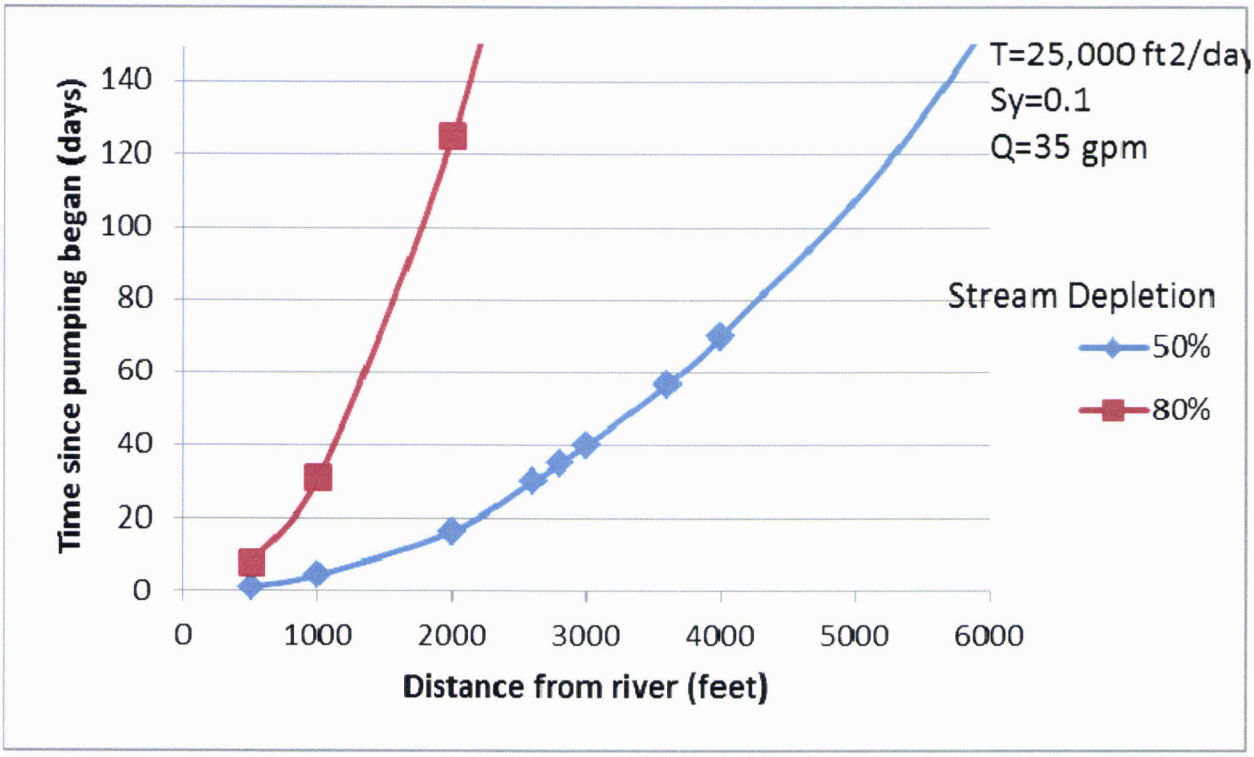




Textbook example based on the "Colorado Model" (WPDM Software, 2001; based on Schroeder, 1987). See model documentation for assumptions and limitations.

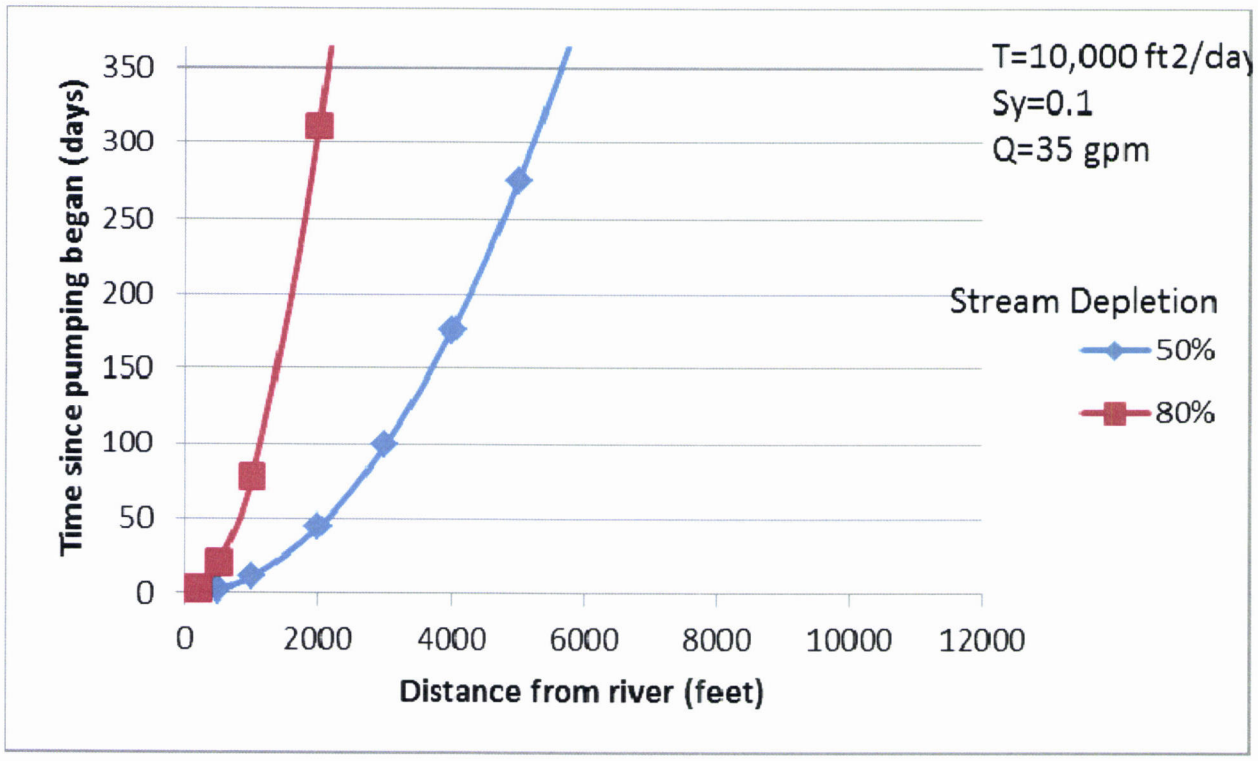
A Productive Alluvial Aquifer

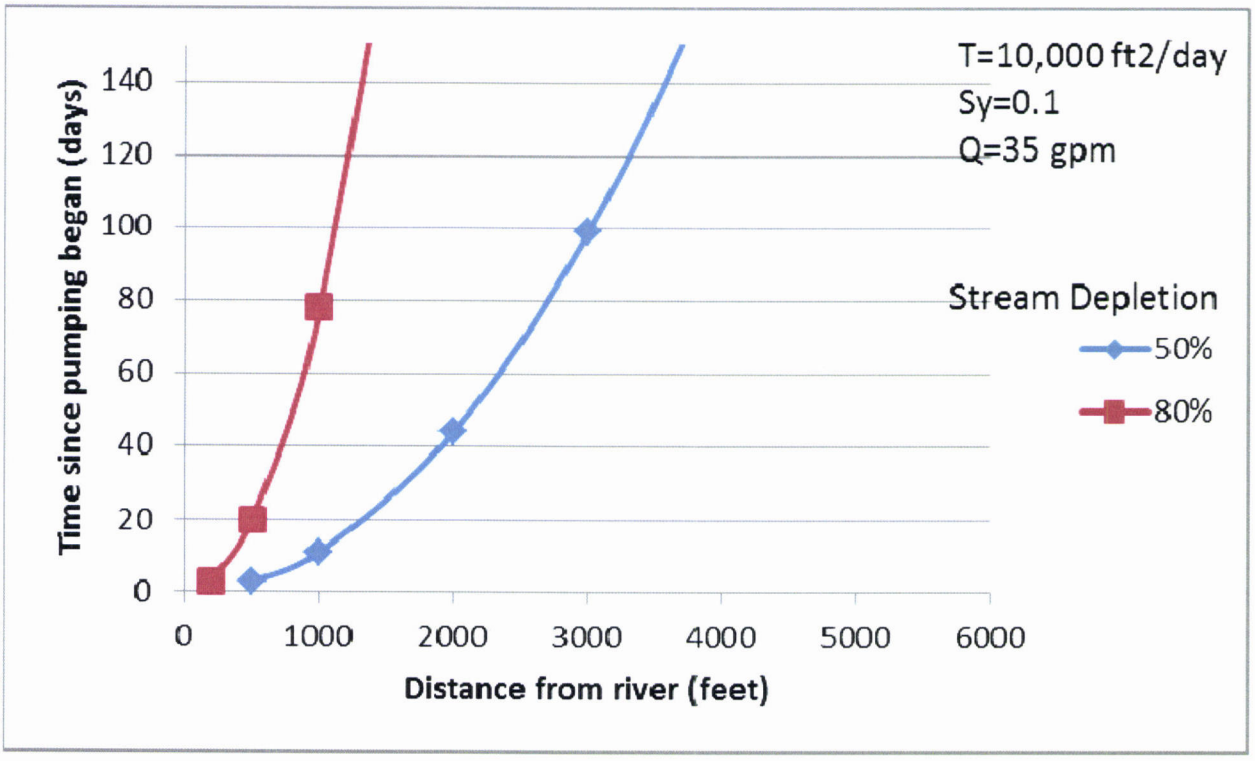




Textbook example based on the "Colorado Model" (WPDM Software, 2001; based on Schroeder, 1987). See model documentation for assumptions and limitations.

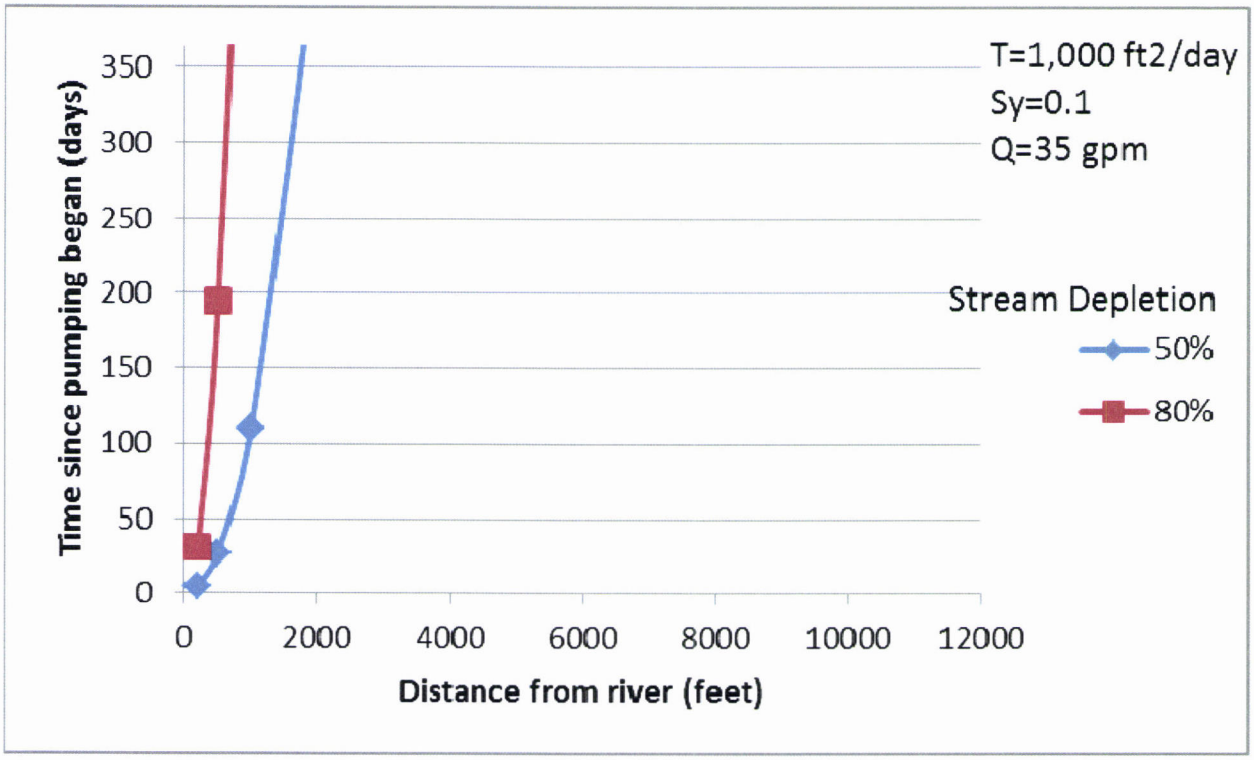
A Moderately Productive Alluvial or Basin Fill Aquifer

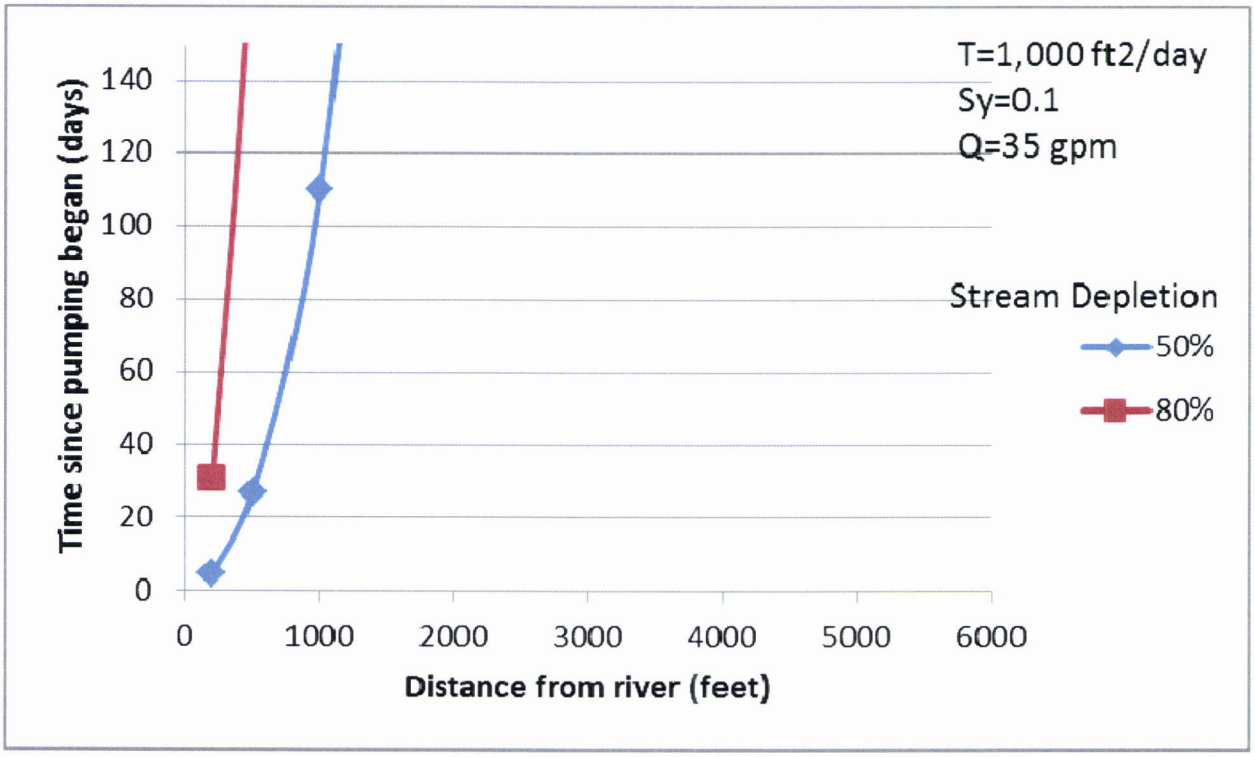




Textbook example based on the "Colorado Model" (WPDM Software, 2001; based on Schroeder, 1987). See model documentation for assumptions and limitations.

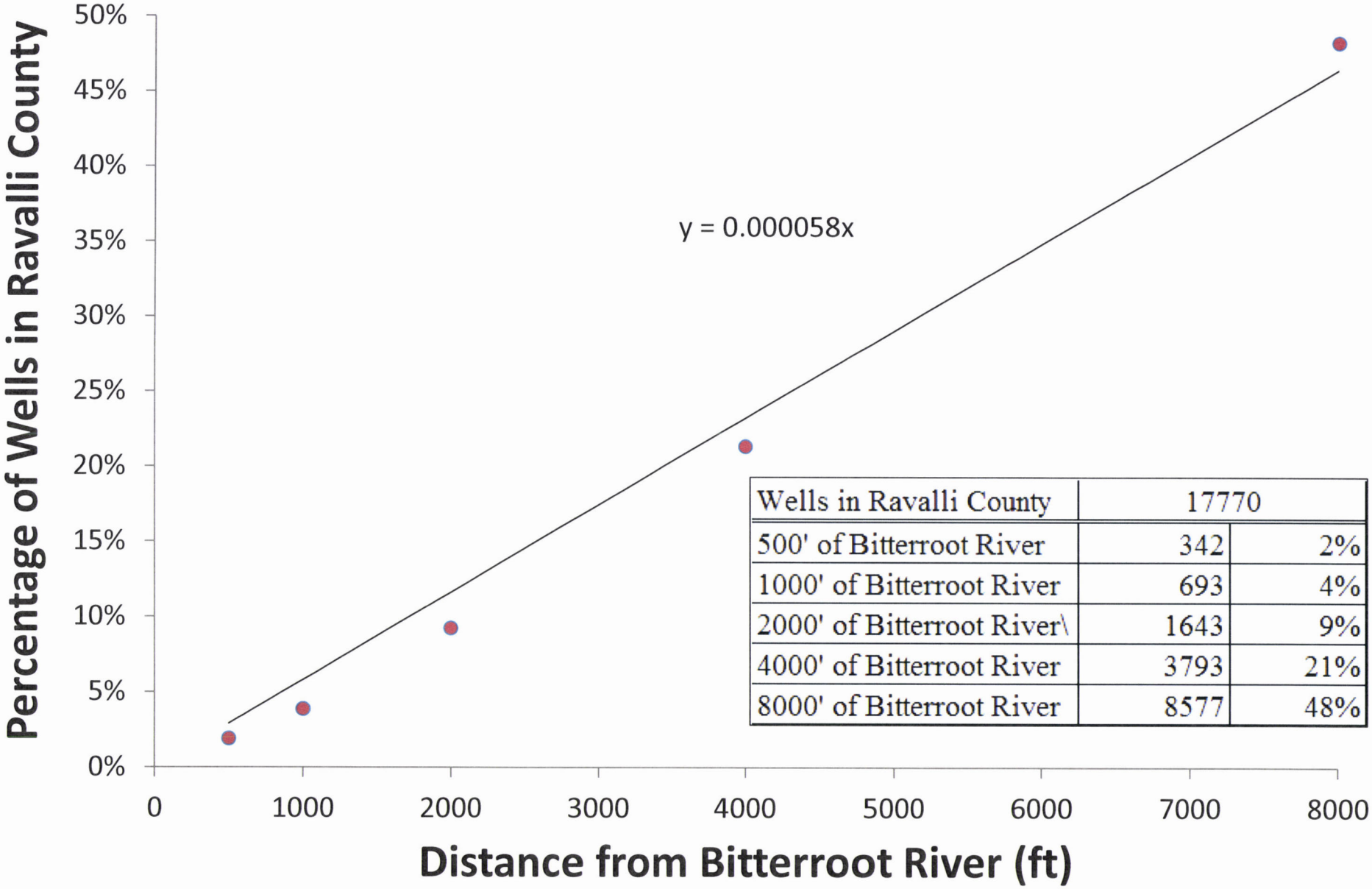
A Small Less Productive Alluvial Aquifer



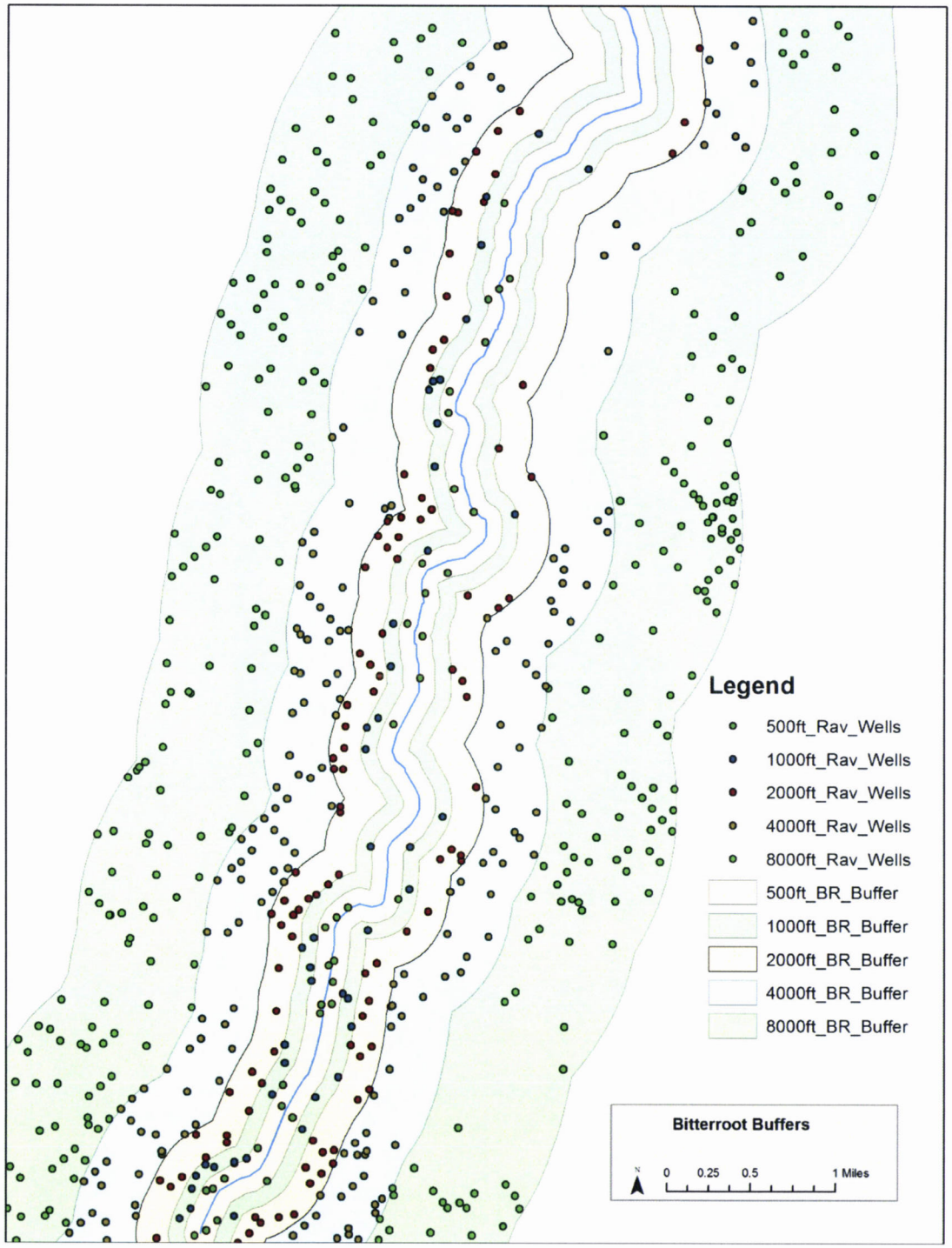


Textbook example based on the "Colorado Model" (WPDM Software, 2001; based on Schroeder, 1987). See model documentation for assumptions and limitations.

An Evaluation of % Wells in Ravalli County Relative to Distance from the Bitterroot River



Wells in Ravalli County	17770	
500' of Bitterroot River	342	2%
1000' of Bitterroot River	693	4%
2000' of Bitterroot River\	1643	9%
4000' of Bitterroot River	3793	21%
8000' of Bitterroot River	8577	48%


Legend
500ft_Rav_Wells
1000ft_Rav_Wells
2000ft_Rav_Wells
4000ft_Rav_Wells
8000ft_Rav_Wells
500ft_BR_Buffer
1000ft_BR_Buffer
2000ft_BR_Buffer
4000ft_BR_Buffer
8000ft_BR_Buffer
Bitterroot Buffers
N
0 0.25 0.5 1 Miles

Exempt domestic wells in several GWIP study areas:				
Lots in acreas				
Consumption in acre-feet per year				
Area	Irrigated size (acres)	Number of wells	Annual average Consumption per house (acre-feet)	Total Exempt Well Consumption (acre-feet)
Dillon	0.5	638	1.1	730
Scratchgravel	0.25	1608	0.5	804
North Hills	0.25	2150	0.5	1048
Belegrade	0.6	1738	0.8	1445
NOTE: excludes stock wells				