Using data from the sand tank on the next sheet Estimate K via Hvorslev AND Bouwer and Rice Methods How do the K values compare? And for the pump test we did earlier in the semester? How does the tank fit the assumptions of the methods? 
$$K = \frac{r^2 \ln \left(\frac{L_e}{R}\right)}{2 L_e T_o} \qquad K = \frac{r^2 \ln \left(\frac{R_e}{R}\right)}{2 L_e} \frac{1}{t} \ln \left(\frac{H_o}{H_t}\right) \frac{r^2 L_e}{r^2 L_e} \ln \left(\frac{R_e}{R}\right) \frac{1}{\ln \left(\frac{L_e}{R}\right)} \ln \left(\frac{R_e}{R}\right) \ln$$

Time sinc	Time since slug sec		h above initial water level cm	
			6.6	
Bore radius = 4.9cm Screen Length = 6cm Saturated thickness = 30cm	2		6	
	4		4.6	
	6		3.6	
	8		3	
	10		2.6	
	12		2.2	
	14		1.9	
	16		1.65	
	n 18		1.5	