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If we square both sides of the basic reflection travel-time equation,		
Slope = 1.097	time = $\frac{(x^2 + 4h_1^2)^{1/2}}{V_1}$	(4-1)
$T_o^2 = 1.223$	we arrive at an equation that can be written in the form of the equation for a straig $y = mx + b$,	ht line,
V = 1/sqrt(1.097) = 955 m/s	$t^2 = \frac{x^2 + 4h_i^2}{V_i^2} = \frac{1}{V_i^2}x^2 + \frac{4h_i^2}{V_i^2}$ Thus, on an $x^2 - t^2$ graph, the data points plot as a straight line with slope equal instance of V^2 (can line 4.8(c)). This line is consistent between 0 which is consistent between 0 which is the straight line with slope equal instance of V^2 (can line 4.8(c)).	(4-6) to the
T _o = sqrt(12230) = 110 ms	inverse or v_1^* (see rig. 4-6(a)). This line is projected back to $x = 0$, which gives us t_n^* (see Fig. 4-8(a)). Velocity and t_0 now are known. If we examine the form of Eq. 4-6 at $x = 0$, we see that	
Ht = 0.11*955/2 = 53 m	$t_0^2 = \frac{4h_i^2}{V_i^2} \qquad \qquad$	Valuely - 107 mat
	and $h_{\rm f} = \frac{t_{\rm f}V_{\rm f}}{2}$ For all adjustment of the second s	Mill 6





