Sound Velocity Worksheet

Your Name:		Signature:			
Lab partner((s):				
Course & Section:		Station #	Date:	Date:	
Distance d wi	th uncertainty and	units: <i>d</i> =±			
What is the un	ncertainty in your	measurements of time?			
	Trial	Time	Velocity	7	
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
Mean velocity	y = St	andard dev. = St.e	rror of mean =	-	
	certainty in veloci ork on the back of	ty for one typical run. $\delta_v = \underline{\hspace{1cm}}$ this page.			
	s uncertainty comps? Do your results	•	rd Deviation and St. error of th	e mean for your	
B = Attach a print	tout of one of your	Show your work on the back Logger Pro plots.	c of this page.		
GRADE:		GRADED BY _			
(out of 1	5 points)	(TA	A's initials)		

Show your work for the calculation of the uncertainty in velocity for one typical run and for your calculatio of the bulk modulus of air and its uncertainty: