

as Quartz Rocks

Shot No.	Shock Velocity, mm/ μ sec	Particle Velocity, mm/ μ sec	SRI Shot No.
	2.793	0.875	8151
	3.11	1.09	7862
	3.062	1.128	7861
	4.26	1.75	7809
	(4.29)	1.995	8164
tact	3.060†	0.085†	8269
	3.007†	0.090†	
tact	2.483	0.796	8262
	2.002	0.266	
	1.601	0.066	
	4.126	1.74	8974
	4.039	1.53	
	3.285	1.26	8975
	3.141	1.11	
	3.321	1.09	8989
	3.126	1.02	
	2.622†	(0.156†)	9107
	2.305	0.371	
	2.853†	0.074†	
	2.385	0.371	
	2.861†	(0.109)	9107
	2.553	0.354†	
	4.600	1.98	9106
	2.705†	(0.151)†	9208
	2.354	0.475	
	3.027†	0.086†	
	2.357	0.500	
	2.540†	0.080†	9215
	2.111	0.508	
	2.857†	(0.120)†	
	2.503	0.472	
	3.579†	(0.142)†	9209
	3.670†	(0.058)†	
	2.980	0.42	
	4.633	2.041	9342

Order of distance from explosive.

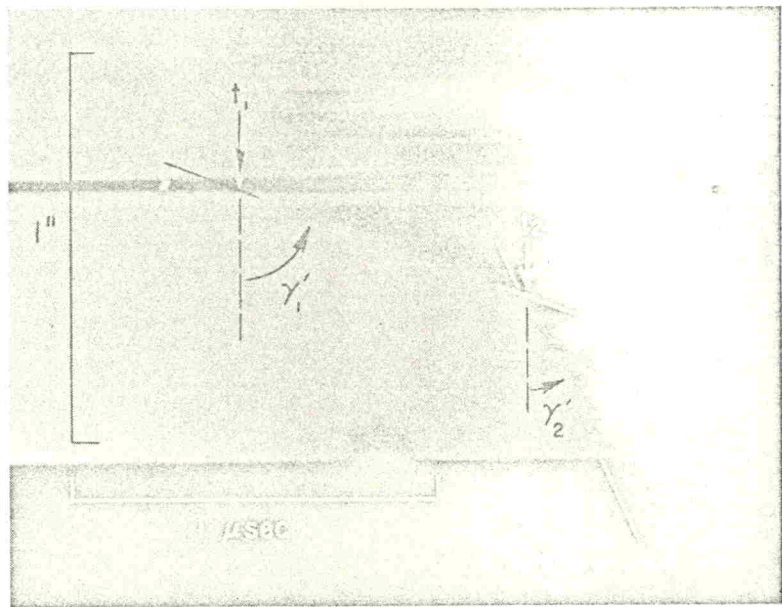


Fig. 12. Streak camera record of inclined mirror cutoff, Coconino sandstone, shot 9107; first wave (4.1 kb) arrives at t_1 , producing cutoff γ_1' ; second wave (18 kb) arrives at t_2 , producing cutoff γ_2' .

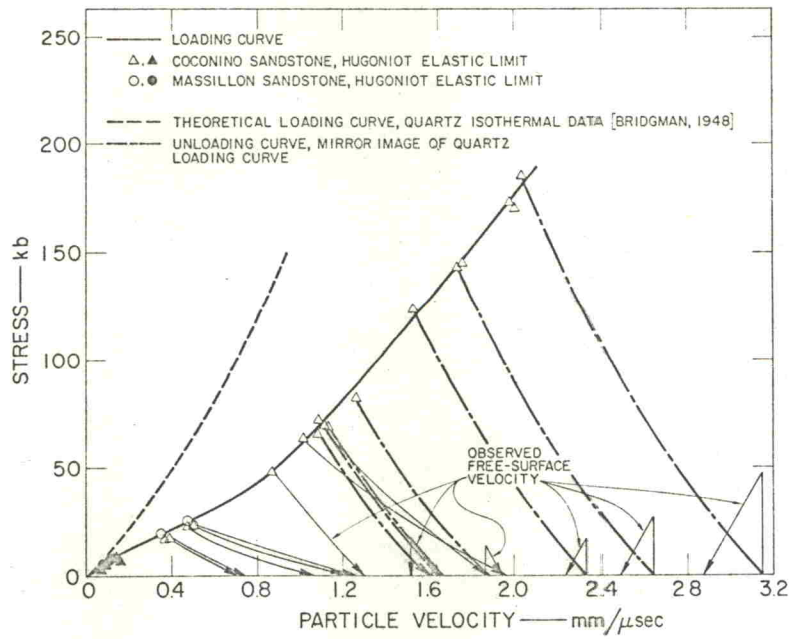


Fig. 13. Stress-particle velocity, Coconino and Massillon sandstones.