ACOUSTIC PARAMETERS

(Based on an assumed rock specific gravity of 1.90±0.05)

INTERVAL (feet)1/	COMPRESSIONAL VELOCITY (m/s)	SHEAR VELOCITY (m/s)	CHARACTERISTIC COMPRESSIONAL IMPEDANCE (10^6 mks Rayls)	CHARACTERISTIC SHEAR IMPEDANCE (10^6 mks Rayls)	POISSON'S RATIO	YOUNG'S MODULUS (kbar)	BULK MODULUS (kbar)	SHEAR MODULUS (kbar)
19+79 - 17+18	2003± 18	1201± 6	3.80±0.11	2.28±0.06	0.22±0.01	66.8±2.3	39.7±1.9	27.4±0.8
17+18 - 10+99	2640± 30	1201± 6	5.02±0.14	2.28±0.06	0.37±0.00	75.1±3.1	95.8±5.0	27.4±0.8
10+99 - 14+18	2429± 46	1189± 6	4.62±0.15	2.26±0.06	0.34±0.01	72.1±4.1	76.3±5.8	26.8±0.8
14+38 - 17+59	2697± 27	1189± 6	5.13±0.14	2.26±0.06	0.38±0.00	74.1±2.9	102.5±4.9	26.8±0.8
17+59 - 19+79	2697± 27	1295± 18	5.13±0.14	2.46±0.07	0.35±0.01	86.1±3.8	95.7±6.1	31.9±1.2

1/ meters = 0.3048 x feet

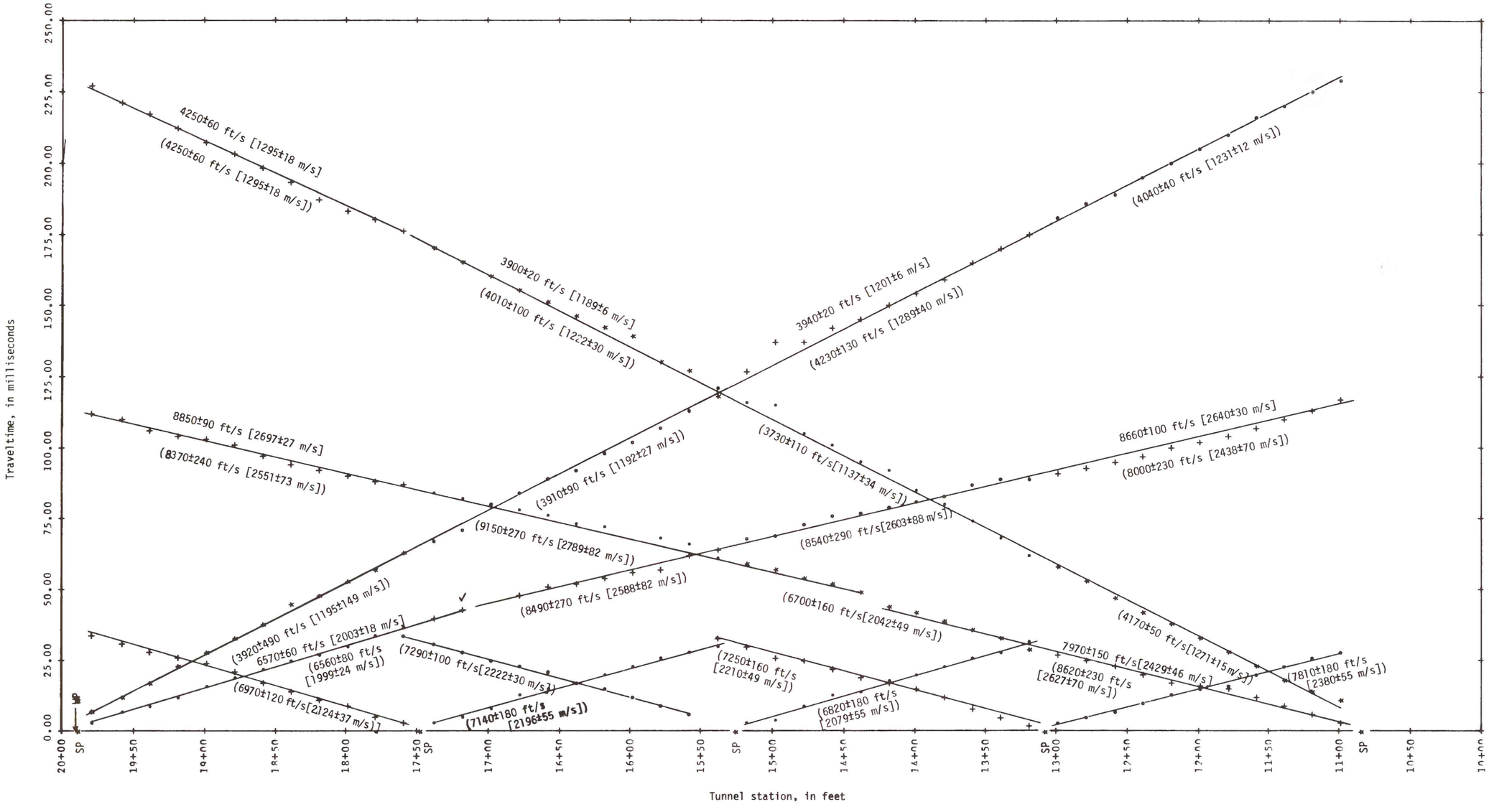

Figure 43.--Results of original seismic shooting in the U12n.10 main drift. *, •, ·, + indicate individual geophone lines; SP, shotpoint.