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)
16+35 - 9+95	2457± 21	1225± 9	4.67±0.13	2.33±0.06	0.33±0.01	76.1±2.8	76.6±3.7	28.5±0.9
9+95 - 16+35	2469± 27	1247± 15	4.69±0.13	2.37±0.07	0.33±0.01	78.5±3.5	76.4±4.8	29.5±1.1

1/ meters = 0.3048 x feet

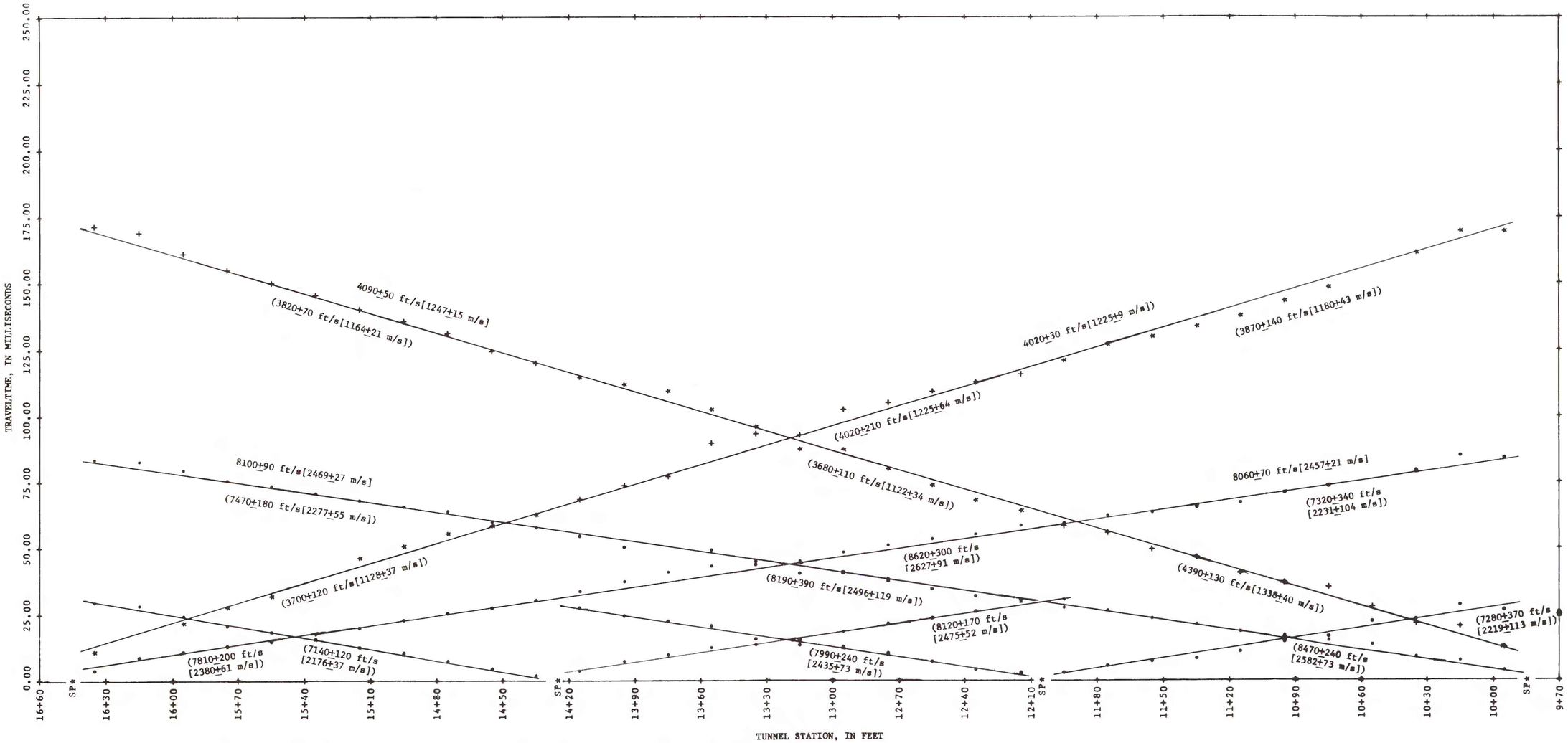

Figure 47.--Results of repeat seismic shooting in the U12n.10A bypass drift (October 1976). *, •, ·, + indicate individual geophone lines; SP, shotpoint.