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)
18+75 - 16+15	2038± 43	1164± 6	3.97±0.13	2.21±0.06	0.27±0.01	65.6±3.8	43.5±4.1	25.8±0.7
15+95 - 9+96	2420± 21	1164± 6	4.60±0.13	2.21±0.06	0.35±0.00	69.5±2.5	76.9±3.5	25.8±0.7
9+96 - 14+95	2484± 21	1219± 3	4.72±0.13	2.32±0.06	0.34±0.00	75.8±2.6	79.6±3.3	28.2±0.8
14+95 - 16+35	2112± 79	1219± 3	4.01±0.18	2.32±0.06	0.25±0.03	70.6±6.7	47.1±7.0	28.2±0.8
16+35 - 18+75	2890± 40	1219± 3	5.49±0.16	2.32±0.06	0.39±0.00	78.6±3.6	121.0±6.9	28.2±0.8

1/ meters = 0.3048 x feet

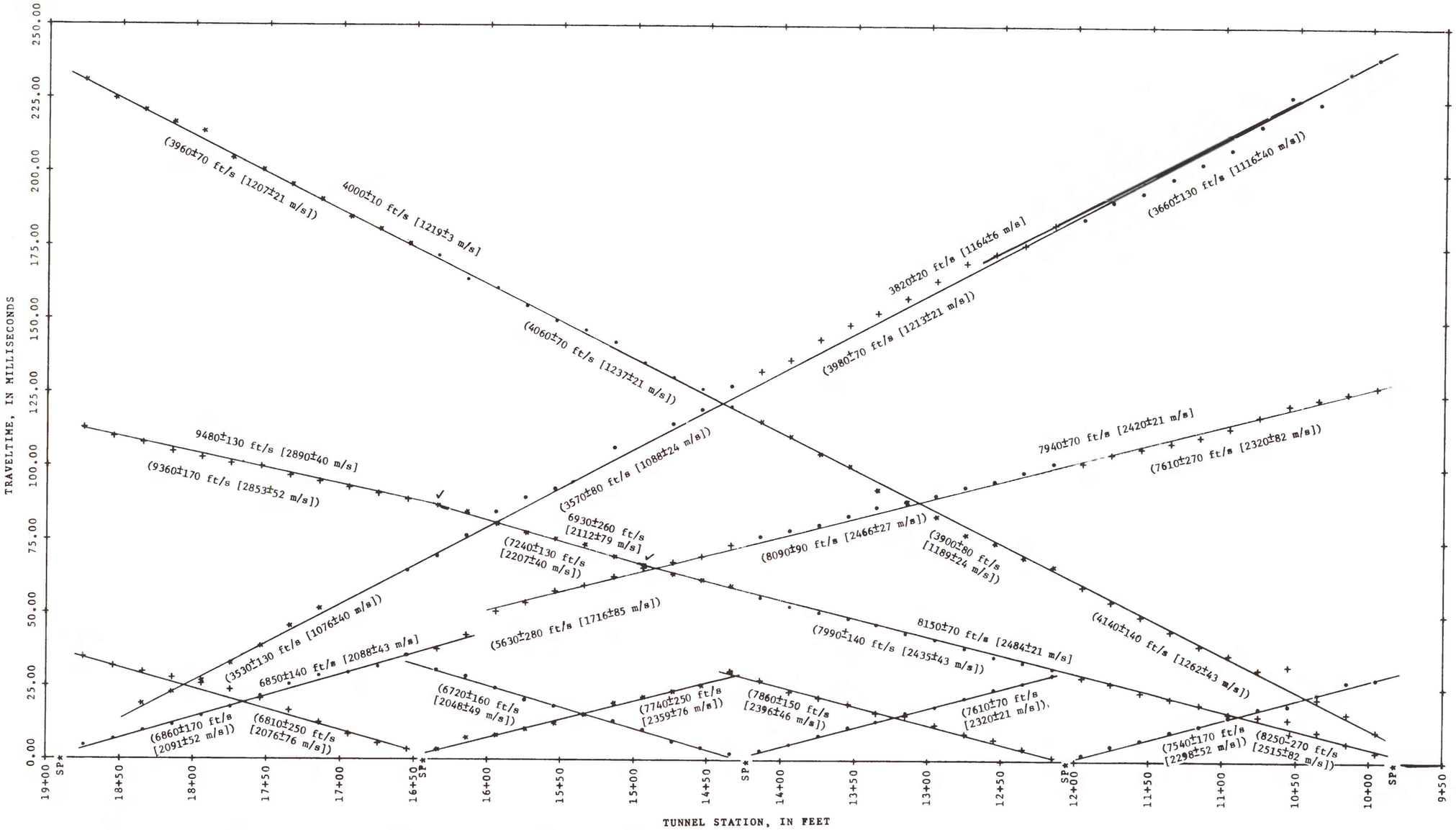

Figure 44.--Results of seismic shooting in the U12n.10 bypass drift. *, °, ·, + indicate individual geophone lines; SP, shotpoint.