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)
15+00 - 13+60	2454± 15	1207± 43	4.66±0.13	2.29±0.10	0.34±0.02	74.2±5.0	77.5±9.0	27.7±2.1
13+40 - 10+00	2454± 15	1198± 6	4.66±0.13	2.28±0.06	0.34±0.00	73.3±2.4	78.0±3.0	27.3±0.8
9+80 - 8+80	2454± 15	1106± 21	4.66±0.13	2.10±0.07	0.37±0.01	63.8±2.9	83.4±5.7	23.3±1.1
8+80 - 10+60	2457± 70	1070± 34	4.67±0.18	2.03±0.08	0.38±0.01	60.2±5.9	85.7±12.3	21.7±1.5
11+00 - 12+40	2737± 21	1283± 18	5.20±0.14	2.44±0.07	0.36±0.01	85.0±3.5	100.6±5.9	31.3±1.2
12+40 - 15+00	2149± 37	1128± 18	4.08±0.13	2.14±0.07	0.31±0.01	63.3±3.6	55.5±4.8	24.2±1.0

1/ meters = 0.3048 x feet

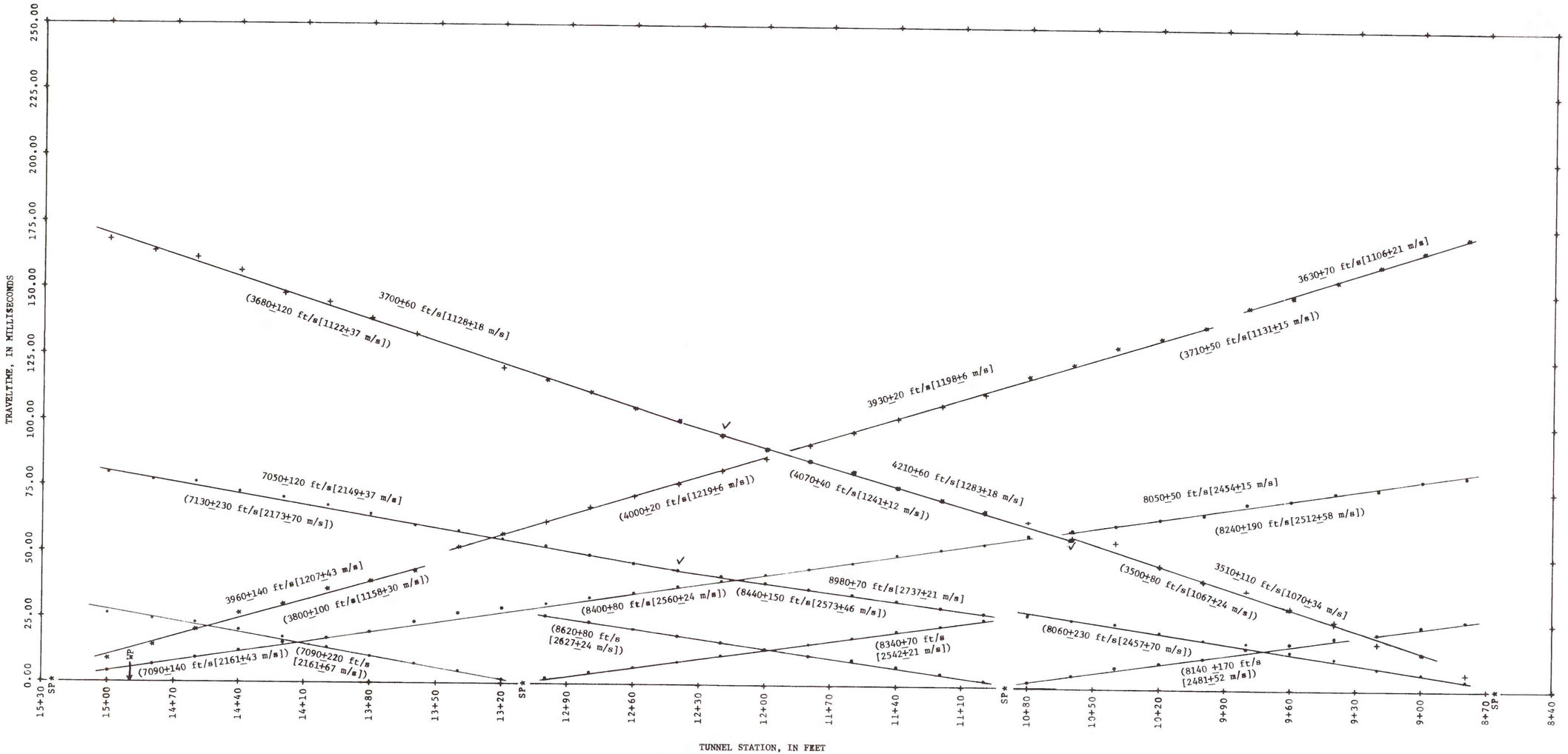

Figure 45.--Results of seismic shooting in the U12n.10A main drift. *, •, ·, + indicate individual geophone lines; SP, shotpoint.