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+20 - 15+00	2479± 46	1939± 74	4.63±0.15	1.07±0.08	0.39±0.01	57.0±4.6	85.6±10.5	20.5±1.4
15+00 - 11+00	2515± 15	1286± 0	4.78±0.13	2.44±0.07	0.32±0.00	83.2±2.7	78.2±3.2	31.4±0.0

1/ meters = 0.3048 x feet

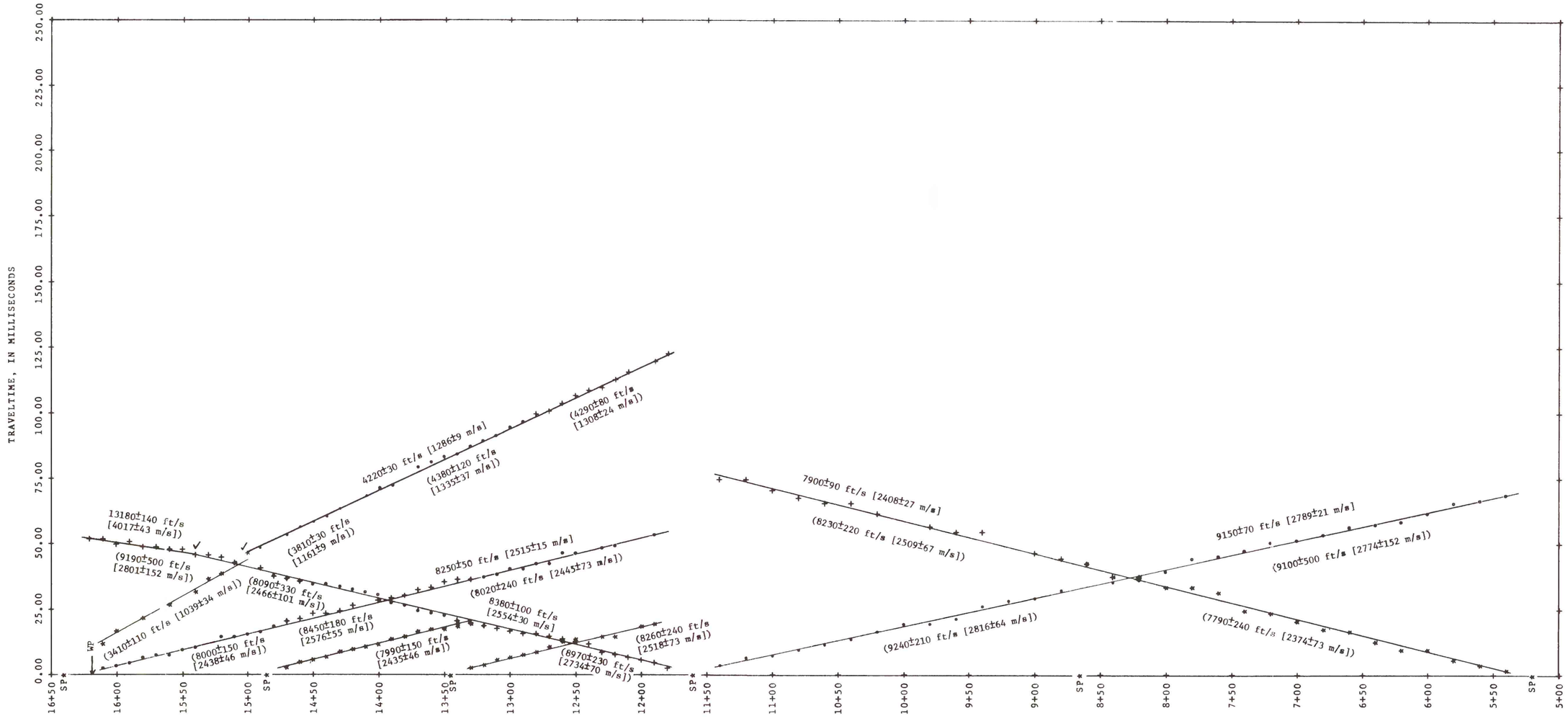

Figure 29.--Results of seismic shooting in the U12g.10 drift (December 1968). *, •, ·, + indicate individual geophone lines; SP, shotpoint.