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+29 - 11+29	2438± 37	1253± 18	4.63±0.14	2.38±0.07	0.32±0.01	78.8±4.1	73.2±5.7	29.8±1.2
10+89 - 8+14	2432± 67	1228± 34	4.62±0.18	2.33±0.09	0.33±0.02	76.2±6.7	74.2±10.1	28.7±1.7
7+74 - 4+99	2380± 37	1121± 27	4.52±0.14	2.13±0.08	0.36±0.01	64.9±4.2	75.8±7.4	23.9±1.3
4+99 - 7+74	2234± 58	1234± 42	4.24±0.16	2.34±0.10	0.28±0.03	74.1±6.5	56.2±8.5	28.9±2.1
8+14 - 10+89	2173± 58	1191± 34	4.13±0.15	2.26±0.09	0.28±0.02	69.3±5.8	53.7±7.5	27.0±1.7
11+29 - 15+29	2585± 55	1441± 12	4.91±0.16	2.74±0.08	0.27±0.01	100.6±6.1	74.3±6.7	39.5±1.2

1/ meters = 0.3048 x feet

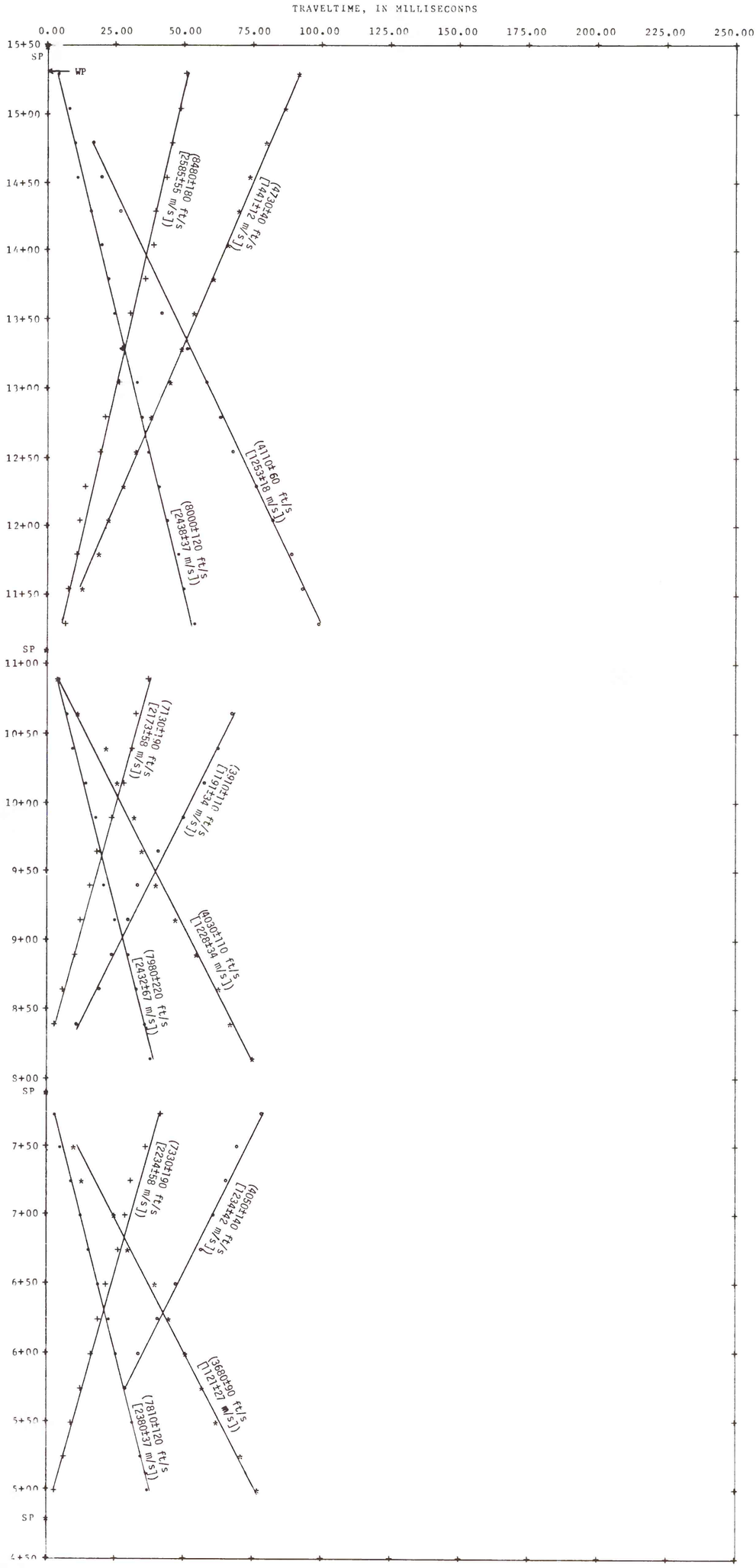

Figure 27.--Results of combining seismic refraction data in the U12g.09 drift. *, •, ', + indicate individual geophone lines; SP, shotpoint.