

N.B. This is a graded assignment out of 4 points.

SEISMIC COMPUTING (4)

1. During a seismic refraction survey, the shotpoints A and B were conducted and located at the ends of a 600 ft East-west spread of 13 geophones, with **A** being West of **B**. The ground surface is flat. No data were obtained from the geophone at the shotpoints. The following readings were obtained from refraction records.

Distance (ft)	Time for shotpoint A (ms)	Time for shotpoint B (ms)
50	10	10
100	20	20
150	30	30
200	40	40
250	50	46
300	60	51
350	65	57
400	69	63
450	73	69
500	77	74
550	81	80
600	85	85

Interpret the field data providing as much information as you can about the investigated site.