

Cas 1 :

Geophone	Distance (m)	Picked time (ms)	Refl. 1	Pick Refl. 2	Refl. 2	Pick Refl. 3	Refl. 3	Airwave	Ground Roll	Direct	Refraction
1	20.0		35.4		49.7		61.9	59.7	55.6	25.0	34.8
2	25.0		40.0		51.5		62.5	74.6	69.4	31.3	38.4
3	30.0		45.1		53.5		63.3	89.6	83.3	37.5	41.9
4	35.0		50.4		55.8		64.1	104	97.2	43.7	45.5
5	40.0		55.9		58.2		65.1	119	111	50.0	49.1
6	45.0		61.6		60.9		66.2	134	125	56.3	52.7
7	50.0		67.3		63.7		67.3	149	139	62.5	56.2
8	55.0		73.2		66.6		68.5	164	153	68.8	59.8
9	60.0		79.1		69.6		69.8	179	167	75.0	63.4
10	65.0		85.0		72.7		71.2	194	181	81.3	65.7
11	70.0		91.0		75.8		72.6	209	194	87.5	67.5
12	75.0		97.0		79.0		74.0	224	208	93.8	69.3
13	80.0		103		82.3		75.5	239	222	100	71.1
14	85.0		109		85.6		77.0	254	236	106	72.9
15	90.0		115		88.9		78.6	269	250	113	74.1
16	95.0		121		92.2		80.1	284	264	119	75.0
17	100		127		95.6		81.7	299	278	125	75.9
18	105		134		99.0		83.3	313	292	131	76.8
19	110		140		102		84.9	328	306	138	77.8
20	115		146		106		86.6	343	319	144	78.7
21	120		152		109		88.2	358	333	150	79.6
22	125		158		113		89.9	373	347	156	80.5
23	130		164		116		91.5	388	361	163	81.4
24	135		171		120		93.2	403	375	169	82.3

Cas 2 :

Geophone	Distance (m)	Picked time (ms)	Refl. 1	Pick Refl. 2	Refl. 2	Airwave	Ground Roll	Direct	Refraction
1	2.00		8.50		16.0	5.97	3.70	1.67	15.4
2	4.00		8.98		16.3	11.9	7.41	3.33	16.1
3	6.00		9.72		16.9	17.9	11.1	5.00	16.9
4	8.00		10.7		17.6	23.9	14.8	6.67	17.6
5	10.0		11.8		18.5	29.9	18.5	8.33	18.3
6	12.0		13.0		19.6	35.8	22.2	10.0	19.0
7	14.0		14.3		20.8	41.8	25.9	11.7	19.7
8	16.0		15.7		22.0	47.8	29.6	13.3	20.4
9	18.0		17.2		23.4	53.7	33.3	15.0	21.1
10	20.0		18.6		24.7	59.7	37.0	16.7	21.9
11	22.0		20.1		26.2	65.7	40.7	18.3	22.6
12	24.0		21.7		27.7	71.6	44.4	20.0	23.3
13	26.0		23.2		29.2	77.6	48.1	21.7	24.0
14	28.0		24.8		30.7	83.6	51.9	23.3	24.7
15	30.0		26.4		32.2	89.6	55.6	25.0	25.4
16	32.0		27.9		33.8	95.5	59.3	26.7	26.1
17	34.0		29.5		35.3	101	63.0	28.3	26.9
18	36.0		31.1		36.9	107	66.7	30.0	27.6
19	38.0		32.7		38.5	113	70.4	31.7	28.3
20	40.0		34.4		40.1	119	74.1	33.3	29.0
21	42.0		36.0		41.7	125	77.8	35.0	29.7
22	44.0		37.6		43.3	131	81.5	36.7	30.4
23	46.0		39.2		44.9	137	85.2	38.3	31.1
24	48.0		40.9		46.6	143	88.9	40.0	31.9

Cas 3 :

Geophone	Distance (m)	Picked time (ms)	Refl. 1	Pick Refl. 2	Refl. 2	Airwave	Ground Roll	Direct	Refraction
1	2.00		25.1		33.4	5.97	5.56	2.50	20.3
2	4.00		25.5		33.6	11.9	11.1	5.00	22.0
3	6.00		26.1		34.0	17.9	16.7	7.50	23.6
4	8.00		26.9		34.5	23.9	22.2	10.0	25.3
5	10.0		28.0		35.1	29.9	27.8	12.5	27.0
6	12.0		29.2		35.8	35.8	33.3	15.0	28.6
7	14.0		30.5		36.6	41.8	38.9	17.5	30.3
8	16.0		32.0		37.6	47.8	44.4	20.0	32.0
9	18.0		33.6		38.6	53.7	50.0	22.5	33.6
10	20.0		35.4		39.7	59.7	55.6	25.0	35.3
11	22.0		37.2		40.9	65.7	61.1	27.5	37.0
12	24.0		39.1		42.2	71.6	66.7	30.0	37.6
13	26.0		41.0		43.5	77.6	72.2	32.5	38.0
14	28.0		43.0		44.9	83.6	77.8	35.0	38.4
15	30.0		45.1		46.2	89.6	83.3	37.5	38.8
16	32.0		47.2		49.4	95.5	88.9	40.0	39.2
17	34.0		49.3		50.8	101	94.4	42.5	39.6
18	36.0		51.5		50.8	107	100.0	45.0	40.0
19	38.0		53.7		52.3	113	106	47.5	40.4
20	40.0		55.9		53.7	119	111	50.0	40.8
21	42.0		58.1		55.3	125	117	52.5	41.2
22	44.0		60.4		56.8	131	122	55.0	41.6
23	46.0		62.7		58.4	137	128	57.5	42.0
24	48.0		65.0		60.0	143	133	60.0	42.4