

ProShake Report

Data File: C:\PROFILES\600S\5KM~1\6SA.DAT

Soil Profile

Profile Name: 600 S 5 km Convolution analysis - Deep Profile I

Water Table: Not Applicable

Number of Layers: 276

Layer	Material Name	Thickn ess	Unit Weight	Gmax	Vs	Modulus Curve	Damping Curve	Mod.	Damp.
Numbe r		(m)	(kN/m^ 3)	(MPa)	(m/se c)			Parame ter	Parame ter
1	Sand and gravel	1.22	18.85	31.50	128.02	Sand (Seed & Idriss) - Upper Bound	Sand (Seed & Idriss) - Upper Bound		
2	Fine sandy silt	3.96	19.64	39.36	140.21	Sand (Seed & Idriss) - Upper Bound	Sand (Seed & Idriss) - Average		
3	Silty clay	3.47	17.28	37.72	146.30	Vucetic - Dobry	Vucetic - Dobry	30.00	30.00
4	Silty clay	3.47	17.28	40.92	152.40	Vucetic - Dobry	Vucetic - Dobry	30.00	30.00
5	Silty clay	3.47	17.28	49.52	167.64	Vucetic - Dobry	Vucetic - Dobry	30.00	30.00
6	Silty clay	3.47	17.28	54.12	175.26	Vucetic - Dobry	Vucetic - Dobry	30.00	30.00
7	Silty clay	3.47	17.28	58.93	182.88	Vucetic - Dobry	Vucetic - Dobry	30.00	30.00
8	Silty clay	3.66	17.59	72.61	201.17	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
9	Silty clay	3.66	17.59	81.67	213.36	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
10	Silty sand	2.44	19.16	119.12	246.89	Sand (Seed & Idriss) - Upper Bound	Sand (Seed & Idriss) - Average		
11	Silty sand	2.44	19.16	119.12	246.89	Sand (Seed & Idriss) - Upper Bound	Sand (Seed & Idriss) - Average		
12	Fine sand	3.66	20.26	155.50	274.32	(EPRI) Saturated Sand	(EPRI) Saturated Sand	301.69	301.69
13	Fine sand	3.66	20.26	155.50	274.32	(EPRI) Saturated Sand	(EPRI) Saturated Sand	339.96	339.96
14	Silty clay	2.74	20.11	171.91	289.56	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
15	Fine to medium sand	3.20	21.36	167.60	277.37	(EPRI) Saturated Sand	(EPRI) Saturated Sand	405.86	405.86
16	Fine to medium sand	3.20	21.36	167.60	277.37	(EPRI) Saturated Sand	(EPRI) Saturated Sand	442.86	442.86
17	Clayey silt / F. sand	2.83	18.85	129.02	259.08	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
18	Clayey silt / F. sand	3.26	18.85	132.08	262.13	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
19	Silty clay	3.92	20.58	187.23	298.70	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
20	Sediments	3.92	20.42	255.85	350.52	(EPRI) Saturated Sand	(EPRI) Saturated Sand	579.57	579.57
21	Sediments	3.92	20.42	255.85	350.52	(EPRI) Saturated Sand	(EPRI) Saturated Sand	621.20	621.20
22	Sediments	10.33	20.42	352.59	411.48	(EPRI) Saturated Sand	(EPRI) Saturated Sand	696.87	696.87
23	Sediments	10.33	20.42	352.59	411.48	(EPRI) Saturated Sand	(EPRI) Saturated Sand	806.59	806.59
24	Sediments	10.33	20.42	352.59	411.48	(EPRI) Saturated Sand	(EPRI) Saturated Sand	916.32	916.32
25	Sediments	13.08	20.42	352.59	411.48	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
26	Sediments	13.08	20.42	464.79	472.44	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
27	Sediments	5.55	20.42	464.79	472.44	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
28	Sediments	12.16	20.42	592.48	533.40	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
29	Sediments	12.16	20.42	592.48	533.40	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
30	Sediments	12.16	20.42	592.48	533.40	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
31	Sediments	13.99	20.42	592.48	533.40	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60

32	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
33	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
34	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
35	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
36	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
37	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
38	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
39	<u>Sediments</u>	<u>8.41</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
40	<u>Sediments</u>	<u>15.21</u>	<u>20.42</u>	<u>1,209.13</u>	<u>762.00</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
41	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
42	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
43	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
44	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
45	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
46	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
47	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
48	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
49	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
50	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
51	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
52	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
53	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
54	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
55	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
56	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
57	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
58	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
59	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
60	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
61	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
62	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
63	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
64	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
65	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
66	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
67	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
68	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
69	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>
70	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.66</u>

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[illegible]

[illegible]

[illegible]

[illegible]

<u>266</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>267</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>268</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>269</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>270</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>271</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>272</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>273</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>274</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>275</u>	<u>Rock below 1.5 km</u>	<u>26.20</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>
<u>276</u>	<u>Infinite Space</u>	<u>Half-0.00</u>	<u>27.02</u>	<u>32,985.62</u>	<u>3,460.09</u>	<u>Linear</u>	<u>Linear</u>	<u>0.08</u>

Input Motion

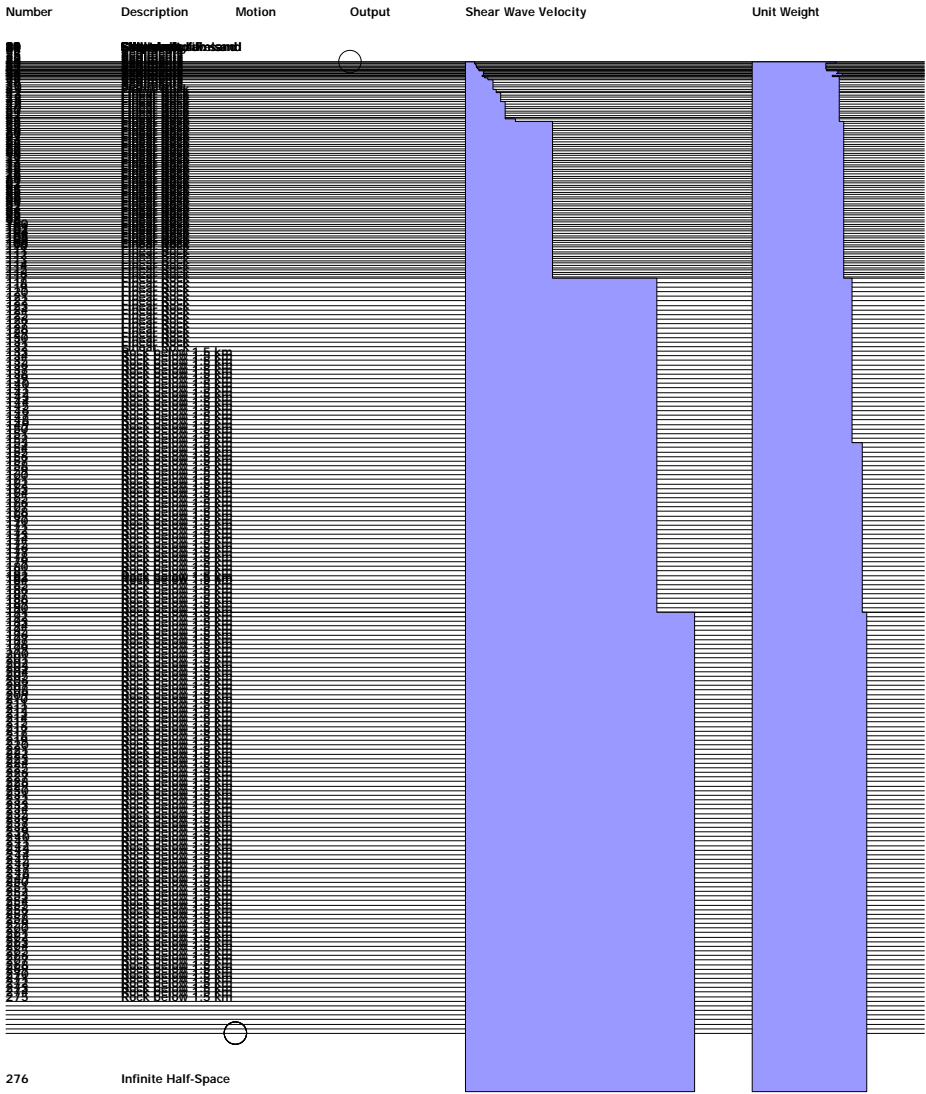
Number of Motions: 5
Numeber of Iterations: 4
Strain Ratio: 0.60
Tolerance: 15.00%

File Name	No of Acc.	Max. Acc.	Time Step	Cutoff Freq.	No of Fourier	Layer	Outcrop
		(g)	(sec)				
	Values			(Hz)	Terms		
<u>C:\DECONV-1\CAP6SXF.EQ</u>	<u>4096</u>	<u>0.508</u>	<u>0.010</u>	<u>20.00</u>	<u>8192</u>	<u>276</u>	<u>Yes</u>
<u>C:\DECONV-1\ERZ6SXF.EQ</u>	<u>8192</u>	<u>0.431</u>	<u>0.005</u>	<u>20.00</u>	<u>16384</u>	<u>276</u>	<u>Yes</u>
<u>C:\DECONV-1\IMP6SXF.EQ</u>	<u>8192</u>	<u>0.415</u>	<u>0.005</u>	<u>20.00</u>	<u>16384</u>	<u>276</u>	<u>Yes</u>
<u>C:\DECONV-1\SUP6SXF.EQ</u>	<u>4096</u>	<u>0.439</u>	<u>0.010</u>	<u>20.00</u>	<u>8192</u>	<u>276</u>	<u>Yes</u>
<u>C:\DECONV-1\UCL6SXF.EQ</u>	<u>8192</u>	<u>0.421</u>	<u>0.010</u>	<u>20.00</u>	<u>16384</u>	<u>276</u>	<u>Yes</u>

Output Locations

Layer No	Depth (m)	Outcrop
<u>1</u>	<u>0.00</u>	<u>Yes</u>

600 S 5 km Convolution analysis - Deep Profile I



ProShake Report

Data File: C:\PROFILES\600S\5KM~1\6SB.DAT

Soil Profile

Profile Name: 600 S 5 km Convolution Analysis - Deep Profile II

Water Table: Not Applicable

Number of Layers: 278

Layer	Material Name	Thickn	Unit	Gmax	Vs	Modulus Curve	Damping Curve	Mod.	Damp.
Number		ess	Weight	(MPa)	(m/se			Parame	Parame
		(m)	(kN/m^3)		c)			ter	ter
1	Sand and gravel	1.22	18.85	31.50	128.02	Sand (Seed & Idriss) - Upper Bound	Sand (Seed & Idriss) - Upper Bound		
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6	Silty clay	3.47	17.28	54.12	175.26	Vucetic - Dobry	Vucetic - Dobry	30.00	30.00
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14	Silty clay	2.74	20.11	171.91	289.56	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
15	Fine to medium sand	3.20	21.36	167.60	277.37	(EPRI) Saturated Sand	(EPRI) Saturated Sand	405.86	405.86
16	Fine to medium sand	3.20	21.36	167.60	277.37	(EPRI) Saturated Sand	(EPRI) Saturated Sand	442.86	442.86
17	Clayey silt / F. sand	2.83	18.85	129.02	259.08	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
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19	Silty clay	3.92	20.58	187.23	298.70	Clay (Seed and Sun 1989)	Clay - Average (Sun et al.)		
20	Sediments	3.92	20.42	255.85	350.52	(EPRI) Saturated Sand	(EPRI) Saturated Sand	579.57	579.57
21	Sediments	3.92	20.42	255.85	350.52	(EPRI) Saturated Sand	(EPRI) Saturated Sand	621.20	621.20
22	Sediments	10.33	20.42	352.59	411.48	(EPRI) Saturated Sand	(EPRI) Saturated Sand	696.87	696.87
23	Sediments	10.33	20.42	352.59	411.48	(EPRI) Saturated Sand	(EPRI) Saturated Sand	806.59	806.59
24	Sediments	10.33	20.42	352.59	411.48	(EPRI) Saturated Sand	(EPRI) Saturated Sand	916.32	916.32
25	Sediments	13.08	20.42	352.59	411.48	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
26	Sediments	13.08	20.42	464.79	472.44	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
27	Sediments	5.55	20.42	464.79	472.44	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
28	Sediments	12.16	20.42	592.48	533.40	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
29	Sediments	12.16	20.42	592.48	533.40	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
30	Sediments	12.16	20.42	592.48	533.40	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60
31	Sediments	13.99	20.42	592.48	533.40	(EPRI) Saturated Sand	(EPRI) Saturated Sand	957.60	957.60

32	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
33	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
34	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
35	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
36	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
37	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
38	<u>Sediments</u>	<u>13.90</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
39	<u>Sediments</u>	<u>8.41</u>	<u>20.42</u>	<u>773.85</u>	<u>609.60</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
40	<u>Sediments</u>	<u>15.21</u>	<u>20.42</u>	<u>1,209.13</u>	<u>762.00</u>	<u>(EPRI) Saturated Sand</u>	<u>(EPRI) Saturated Sand</u>	<u>957.60</u>	<u>957.60</u>
41	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
42	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
43	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
44	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
45	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
46	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
47	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
48	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
49	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
50	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
51	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
52	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
53	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
54	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
55	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
56	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
57	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
58	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,310.03</u>	<u>Linear</u>	<u>Linear</u>		<u>0.68</u>
59	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
60	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
61	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
62	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
63	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
64	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
65	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
66	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
67	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
68	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
69	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>
70	<u>Linear Rock</u>	<u>9.94</u>	<u>21.52</u>	<u>3,766.21</u>	<u>1,950.72</u>	<u>Linear</u>	<u>Linear</u>		<u>0.46</u>

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

266	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
267	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
268	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
269	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
270	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
271	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
272	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
273	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
274	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
275	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
276	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
277	Rock below 1.5 km	26.20	27.02	32.985.62	3.389.38	Linear	Linear	0.08
278	Infinite Half-Space	0.00	27.02	32.985.62	3.389.38	Linear	Linear	0.08

Input Motion

Number of Motions: 5
Number of Iterations: 10
Strain Ratio: 0.60
Tolerance: 5.00%

File Name	No of Acc.	Max. Acc. (g)	Time Step (sec)	Cutoff Freq. (Hz)	No of Fourier Terms	Layer	Outcrop
C:\RECORDS\DECONV-1\CAP6SNF.EQ	4096	0.413	0.010	25.00	8192	278	Yes
C:\RECORDS\DECONV-1\ERZ6SNF.EQ	8192	0.444	0.005	25.00	16384	278	Yes
C:\RECORDS\DECONV-1\IMP6SNF.EQ	8192	0.535	0.005	25.00	16384	278	Yes
C:\RECORDS\DECONV-1\SUP6SNF.EQ	4096	0.458	0.010	25.00	8192	278	Yes
C:\RECORDS\DECONV-1\UCL6SNF.EQ	8192	0.434	0.010	25.00	16384	278	Yes

Output Locations

Layer No	Depth (m)	Outcrop
1	0.00	Yes

600 S 5 km Convolution Analysis - Deep Profile II

