

ProShake 2.0 Report



Universidad Privada de Tacna

ProShake 2.0 Input Data

Project Data			
Project Date:	24/02/2018 11:48:00 a.m.	Unit:	Metric
Project Identifier:	Conocimiento del Suelo		
Project Description:	Importancia de conocer las características del suelo		
Number of Profiles:	2	Number of Motions:	7
Motion Group Description:			
Max. Number of Iterations:	50	Strain Ratio:	0.65
Error Tolerance:	1.00%	Analysis Completed:	Yes
Analyst Name:	Patricia	Analysis Date:	24/02/2018 12:07:57 p.m.
Data File Name:	C:\Users\ASUS\Documents\ProShake Data Folder\Tesis 1.1.xlsx		

Profile Data				
Profile Number	Profile Description	Water Table Depth	Number of Layers	Object Motion Layer
1	Calicata 1	0.00	5	5
2	Calicata 1	0.00	4	4

Motion Data				
Motion Number	File Name	Number of Values	Time Step	Peak Acceleration
1	C:\Users\ASUS\Documents\ProShake Data Folder\EQS\ELCENTRO.EQ	4187	0.0000	0.000
2	C:\Users\ASUS\Documents\ProShake Data Folder\EQS\TAFT.EQ	4220	0.0000	0.000
3	C:\Users\ASUS\Documents\ProShake Data Folder\EQS\TOPANGA.eq	5872	0.0000	0.000
4	C:\Users\ASUS\Documents\ProShake Data Folder\EQS\YERBAISL.EQ	2000	0.0000	0.000
5	C:\Users\ASUS\Documents\ProShake Data Folder\EQS\TAFT.EQ	4220	0.0000	0.000
6	C:\Users\ASUS\Documents\ProShake Data Folder\EQS\TOPANGA.eq	5872	0.0000	0.000
7	C:\Users\ASUS\Documents\ProShake Data Folder\EQS\TREASISL.EQ	2001	0.0000	0.000

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Profile 1 - Layer Data		Layer Data										
Layer Number	Material Name	Thickness	Unit Weight	Vss	G Max	Soil Model	PI (%)	K0	OCR	No. of Cycles	Freq (Hz) or D50 (mm)	Cu
1	Arcilla de baja plasticidad	f	f	f	f	Darende li (2001)	20.20	0.50	1.00	1.00	1.00	-
2	Arcilla de baja plasticidad	f	f	f	f	Darende li (2001)	98.40	0.50	1.00	1.00	1.00	-
3	Arcilla formación Moquegua	f	f	f	f	Darende li (2001)	98.40	0.50	1.00	1.00	1.00	-
4	Roca fractuarada	f	f	f	f	Darende li (2001)	7.00	0.50	1.00	1.00	1.00	-
5	Final	f	f	f	f	Darende li (2001)	7.00	0.50	1.00	1.00	1.00	-
Profile 2 - Layer Data		Layer Data										
Layer Number	Material Name	Thickness	Unit Weight	Vss	G Max	Soil Model	PI (%)	K0	OCR	No. of Cycles	Freq (Hz) or D50 (mm)	Cu
1	SM-SC	f	f	f	f	Darende li (2001)	18.73	0.50	1.00	1.00	1.00	-
2	SC	f	f	f	f	Darende li (2001)	10.73	0.50	1.00	1.00	1.00	-
3	Arena arcillosa	f	f	f	f	Darende li (2001)	10.73	0.50	1.00	1.00	1.00	-
4	Final	f	f	f	f	Darende li (2001)	7.00	0.50	1.00	1.00	1.00	-

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