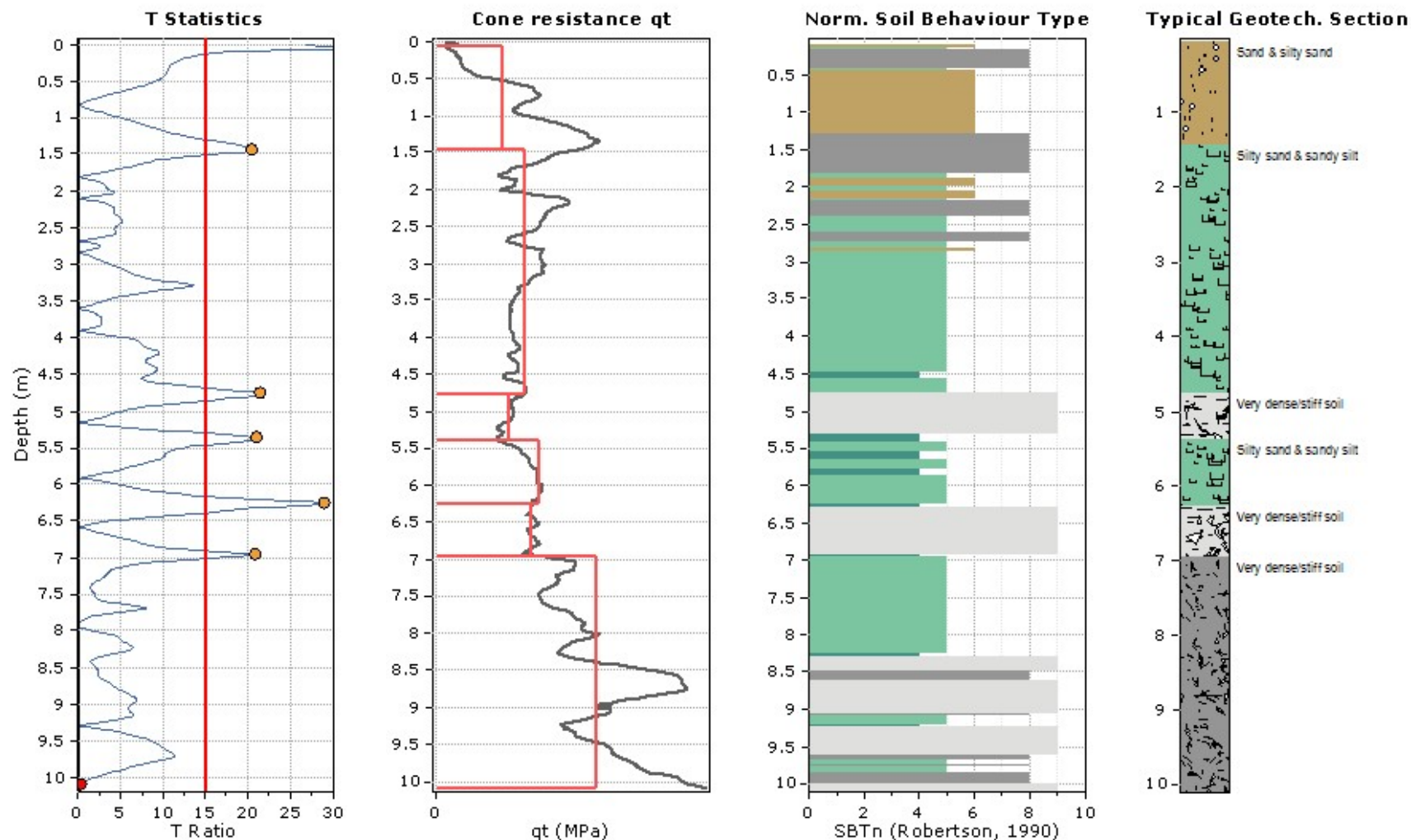


Project:

Location:

AUTO LAYER DETECTION REPORT

Auto layer detection algorithm is performed according to the procedure described in "Statistical Methods for Soil Layer Boundary Location Using the Cone Penetration Test" by R. G. Campanella and Damika S. Wickremesinghe. The software uses the **T ratio** statistic method described in page 4 of the above mentioned publication.



:: Detected Layer No. 1 ::

Layer Code:	Layer_1	Detected SBTn:	6	Total CPT points in layer:	141
Start depth:	0.05	Ave. qt:	3.96	CPT points inside SBTn:	139
End depth:	1.45	Description:	Sand & silty sand	CPT points outside SBTn:	2

:: Detected Layer No. 2 ::

Layer Code:	Layer_2	Detected SBTn:	5	Total CPT points in layer:	306
Start depth:	1.45	Ave. qt:	5.37	CPT points inside SBTn:	303
End depth:	4.77	Description:	Silty sand & sandy s	CPT points outside SBTn:	3

:: Detected Layer No. 3 ::

Layer Code:	Layer_3	Detected SBTn:	9	Total CPT points in layer:	59
Start depth:	4.77	Ave. qt:	4.37	CPT points inside SBTn:	59
End depth:	5.38	Description:	Very dense/stiff soi	CPT points outside SBTn:	0

:: Detected Layer No. 4 ::

Layer Code:	Layer_4	Detected SBTn:	5	Total CPT points in layer:	35
Start depth:	5.38	Ave. qt:	6.12	CPT points inside SBTn:	31
End depth:	6.26	Description:	Silty sand & sandy s	CPT points outside SBTn:	4

:: Detected Layer No. 5 ::

Layer Code:	Layer_5	Detected SBTn:	9	Total CPT points in layer:	68
Start depth:	6.26	Ave. qt:	5.77	CPT points inside SBTn:	67
End depth:	6.96	Description:	Very dense/stiff soi	CPT points outside SBTn:	1

:: Detected Layer No. 6 ::

Layer Code:	Layer_6	Detected SBTn:	8	Total CPT points in layer:	294
Start depth:	6.96	Ave. qt:	9.63	CPT points inside SBTn:	181
End depth:	10.10	Description:	Very dense/stiff soi	CPT points outside SBTn:	113