



OHDOT_GeotechnicalReport.mvba

Description:

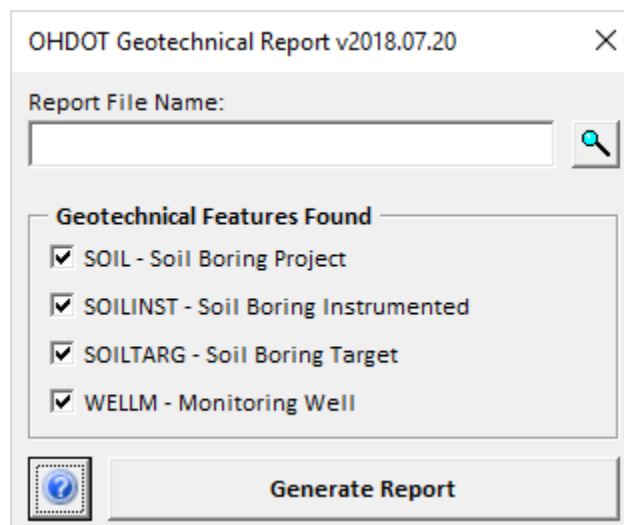
This application is used to generate a Comma Separated Values (CSV) file containing a list of all the soil boring points found in the specified OpenRoads Survey Field book. The report includes the point name, coordinates, description, and feature name.

Accessing the Application:

The application is loaded in MicroStation Connect Edition or OpenRoads Designer Connect Edition by selecting the **Geotechnical Report** icon from the Ohio DOT Workflow.

Application Operation:

When the application is accessed, the dialog shown below is opened.



Report File Name

This field is used to specify the name and path for the CSV that is generated by the program. The application defaults to the following name and location for the file:

..\400-Engineering\Geotechnical\EngData\OHOT_GeotechnicalReport.csv

Geotechnical Features Found

The application reads the active design file to find any OpenRoads Survey Field Books. If there are no field books contained in the active file, the user is notified and the application ends. The application cannot read field books from reference attachments.

If one or more survey field books are found, the application reads each field book searches each field book for Geotechnical Points matching the following Feature Definitions:



SOIL

SOILINST

SOILTARG

WELLM

The check box items in the dialog are toggled on if a point matching the feature definition is found within any of the field books contained in the active file. The user has the option to control which features are included in the report by toggling on/off the desired items.

Generate Report

Select this button to generate the report. The CSV file is opened in Microsoft Excel. An example is shown below.

	A	B	C	D	E	F	G
1	Point Number	Elevation	Northing	Easting	Description	Feature Code	
2	GT01	0	722570.9748	1360630.463		SOIL	
3	GT02	0	722550.3806	1360630.223		SOIL	
4	GT03	0	722529.7863	1360629.027		SOILINST	
5	GT04	0	722510.6289	1360628.309		SOILINST	
6	GT05	0	722572.4117	1360665.164		SOILTARG	
7	GT05_1	0	722550.3806	1360665.164		SOILTARG	
8	GT06	0	722529.5469	1360664.925		WELLM	
9	GT07	0	722509.671	1360666.6		WELLM	
10	GT55	0	722482.1642	1360628.881		SOIL	
11	GT55_1	0	722463.1931	1360629.61		SOIL	
12							
13							

ODOT_GeotechnicalReport

Updates:

Version 2018.07.20

Initial release for MicroStation and OpenRoads Designer Connect Edition

Contacts

For any questions, suggestions, or problems with this document please contact the ODOT Office of CADD and Mapping Services by use of the following form on the ODOT website:

https://odot.formstack.com/forms/cadd_servicerequest