



GEOSOFT TECHNICAL SUPPORT

Best Software Solution from Geotechnical Specialist

GeoSmart III

-----All you need in your Soil Investigation Works

GeoSmart III is the updated version of GeoSmart II software working for all the ground investigation workings. GeoSmart III keep using the similar interface and menu attached in Excel menu with user-friendly and powerful functions on all the soil investigation reporting works such as soil borelog and soil cross section drawing, report summary, invoice tool and AGS transport tool.

VSTO GeoSmart III:

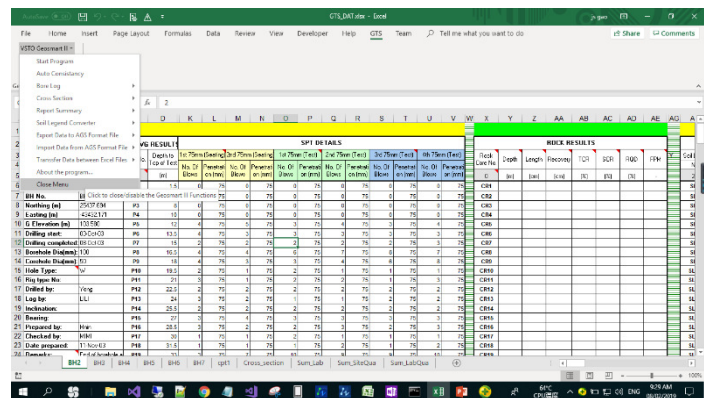
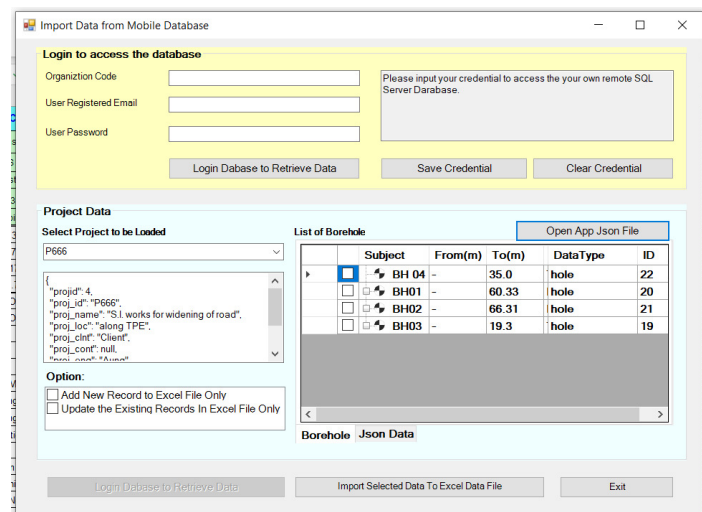
- ✚ For Win 8 to Win 10.
- ✚ Excel 2010 to Excel 365
- ✚ AutoCAD 2010 to latest version, ZWCAD 2015 to latest Version

Data Entry:

- ✚ Data Input in an Excel file. Easy input following the title of the column.
- ✚ One project for one file, one sheet for one borehole. And it is also easy to shear the data by copy and paste the sheets between the data files. The data file is a normal Excel file which can be copied to any PC to do the data input without any software license.
- ✚ Input site investigation Data from GeoSmart Log App.

Load Data from GeoSmart App:

- ✚ Load SI data from GeoSmart Log App directly.
- ✚ Easily load AGS for Jason format file from SQL Database.





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Summary Function:

- Provide summaries of project data based on the data input, the summaries can be used as invoice information of report directly.
- Summary of Borehole Drilling, Field sampling, field-testing.
- Summary of Lab Test Result or Lab Test Quantities.
- More summary tables can be customize based on the data file.

TABLE 1

SUMMARY OF BOREHOLE DRILLING, FIELD SAMPLING,
FIELD TESTING & INSTRUMENT INSTALLATION

Project	0 SD/3150/2003	Project : West Coast Expressway - Taling To Banting - Contract No.KLPB/7a2 &																			
BH No.	Soil Drilling (m)	Rock Coring (m)	Terminated Depth (m)	Field sampling										Field Testing				Instrument Installation			
				D (no)	UD (no)	OD (no)	PS (no)	MS (no)	DS (no)	WS (no)	SPT (no)	V (no)	PMT (no)	PMT (no)	WSP (no)	CP (no)	PP (no)	I (no)			
BH 2	42.15	-	42.15	29	3	-	1	-	-	-	25	2	-	-	-	-	-	10.13	-	-	
	10.00	-	-	7	2	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
	10.00	-	-	9	1	-	1	-	-	-	7	-	-	-	-	-	-	-	-	-	
	10.00	-	-	6	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	
	10.00	-	-	5	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	
BH 3	2.15	-	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	
	25.74	-	25.74	20	3	-	-	-	-	-	15	2	-	-	-	-	-	10.13	-	-	
	10.00	-	-	9	3	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	
	10.00	-	-	7	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	
	5.74	-	-	4	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	
BH 4	20.00	4.00	25.00	19	3	-	-	-	3	-	12	2	1	1	1	-	-	18	-	-	
	10.00	-	-	9	2	-	-	-	3	-	6	-	-	-	-	-	-	-	-	-	
	8.30	1.70	-	9	1	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	
	2.20	2.80	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BH 5	21.00	-	21.00	14	3	-	-	-	-	-	11	2	-	-	-	-	-	18	-	-	
	10.00	-	-	7	3	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
	10.00	-	-	7	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	
	1.00	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
BH 6	24.12	-	24.12	17	3	-	-	-	-	-	13	2	-	-	-	-	-	18	-	-	
	10.00	-	-	9	3	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
	10.00	-	-	6	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	
	4.12	-	-	2	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
BH 7	34.80	-	34.80	23	4	-	-	-	-	-	20	1	1	1	1	-	-	18	-	-	
	10.00	-	-	9	3	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
	10.00	-	-	6	1	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	
	10.00	-	-	5	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	
	4.80	-	-	3	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	

KEY:

D - Disturbed Sample

UD - Undisturbed Sample (Thin Wall)

OD - Undisturbed Sample (Thick Wall)

PS - Piston Sample

MS - Maser Sample

DS - Denison Sample

WS - Water Sample

SPT - Standard Penetration Test

V - Field Vane Shear Test

PMT - Pressuremeter Test

PMT - Permeability Test

PMT - Porewater Test

WSP - Water Standpipe

CP - Casagrande Piezometer

PP - Piezometric Piezometer

I - Inclinometer

Latest Smart AGS Transport Tool

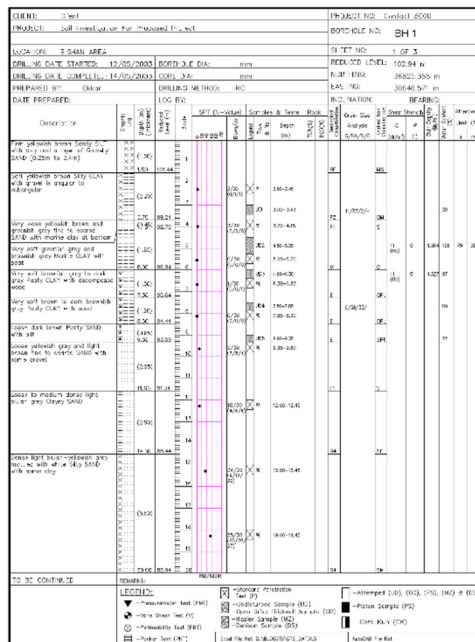
- Transfer data from GeoSmart Excel data file to AGS File and BCA AGS sheets.
- Load relative data from AGS format file to GeoSmart III data sheet.
- Open environment in AGS Excel file for user to add unlimited AGS group or user define AGS group.
- Auto ABBR and Soil Legend convert.
- Support the latest BCA geological units.
- Provide both AGS3 and AGS 4 convert tools.

AGS4 FORMAT GROUP SELECT

Note: <1> #---Don't change the sheet structure. <2> Modify/Add other sheets, n

Note	Sr.No	Group Name/Description & Click the Cell to View/Edit Data in the Group Sheet	Sheet (Group) Name
#	1	Project Information	PROJ
#	2	Abbreviation Definitions	ABBR
#	3	User Defined Groups and Headings	DICT
#	4	Associated Files	FILE
#	5	Data File Transmission Information / Data Status	TRAN
#	6	Definition of Data Types	TYPE
#	7	Definition of Units	UNIT
#	8	Aggregate Abrasion Tests	AAVT
#	9	Aggregate Crushing Value Tests	ACVT
#	10	Aggregate Elongation Index Tests	AELO
#	11	Aggregate Flakiness Tests	AFLK
#	12	Aggregate Impact Value Tests	AIVT
#	13	Los Angeles Abrasion Tests	ALOS
#	14	Aggregate Polished Stone Tests	APSV
#	15	Aggregate Determination of the Resistance to W	ARTW
#	16	Slake Durability Index Tests	ASDI
#	17	Aggregate Soundness Tests	ASNS
#	18	Aggregate Water Absorption Tests	AWAD
#	19	Exploratory Hole Backfill Details	BKFL
#	20	California Bearing Ratio Tests - General	CBRG
#	21	California Bearing Ratio Tests - Data	CBRT
#	22	Casing Diameter by Depth	CDIA

< > AGS_GROUP DATA AGS4 +



Borelog And Cross Section Function:

-  Automatically draw the borehole log in AutoCAD file by one click on the GeoSmart III menu. Save and print the file for report use directly.
-  Automatically create the soil cross section based on same data file. The cross section include soil logs and CPT logs and presents in more than 10 layers in AutoCAD drawings. On and off any layers can show the different presentation of the cross section.
-  Provide AutoCAD hatch pattern for soil and rocks based on BS standard.
-  Borehole log format can be customized.
-  The output file is a normal AutoCAD file, which can be, edit and plotted to many different file type (.DWG, .DXF, .JPG, .PNG, .DWF...)

