

Introduction

JMA Borelog is a bore log software that will help users to create soil bore logs and plot subsurface profiles atomize way along selected alignment. The data entry is made simple to provide the commonly used input data such as technical field log data, stratigraphy data and laboratory test data.

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❖ Getting Started

The JMA's Borelog and Profile Plotting Software is a creative launching pad that you can use to add, edit, run and print the Borelogs and Profiles. This overview article introduces you to basic features provided in the product, including creating Project, adding details of Borelogs and then Plotting of Borelogs and Profiles.

❖ Features Provided in the Product

- Product provides atomized way to Plot Borelogs and Profiles
- Easy Data entry
- Scale can be changed as per requirement
- Patterns can be changed as per requirement
- Paper Size can be changed as per requirement for Profile Plotting

❖ Installing the JMA's Borelog and Profile Plotting Software

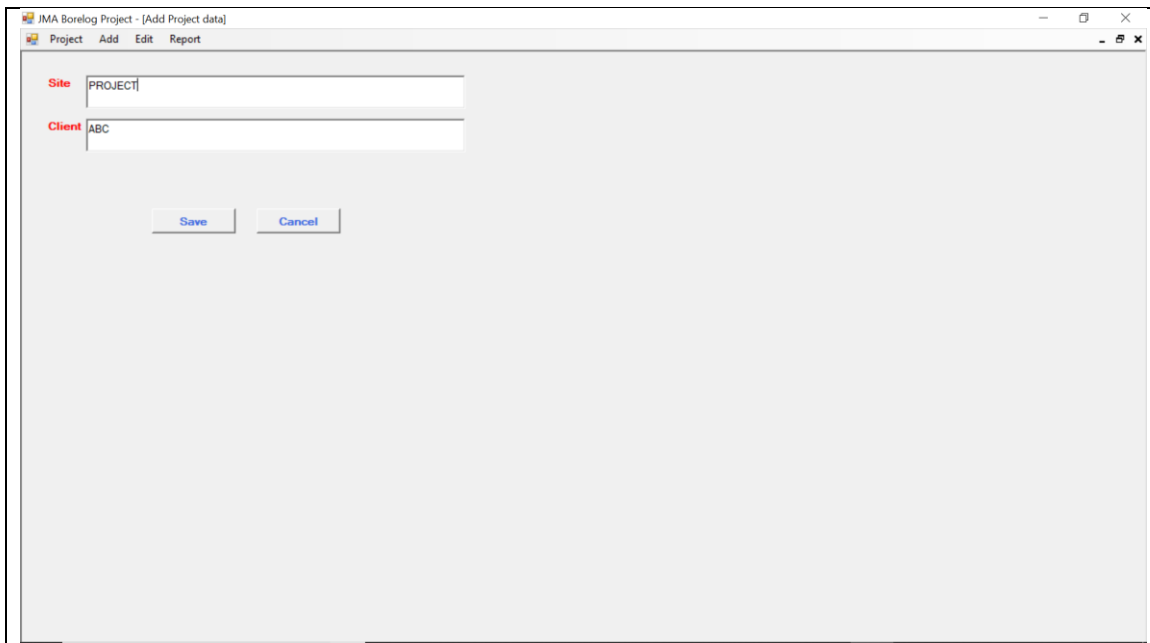
1. Setup.exe file located at "C:\JMABorelog\JMABoreProject\Publish"
2. Choose the Folder
3. Product is ready to use

❖ How to Start the Program

1. Double Click on JMABorelog Icon in Start Menu
2. You are now in JMA's Borelog and Profile Plotting environment

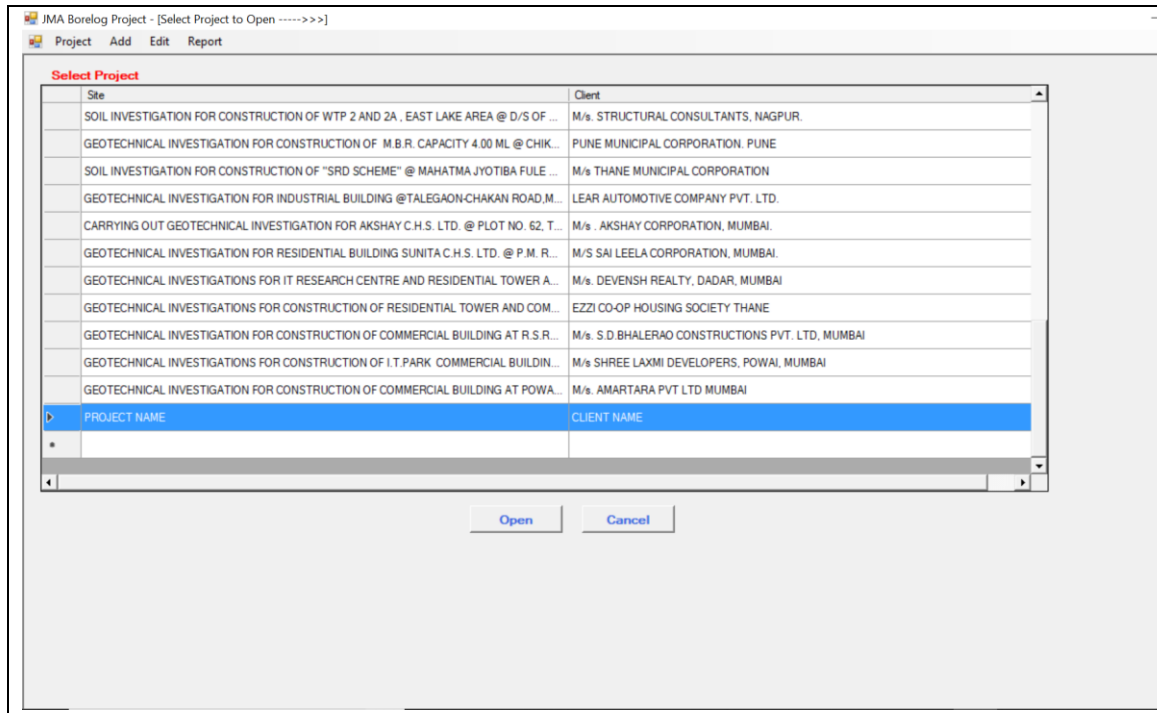
❖ Creating a New Project

1. Click on **Project** --- > **Add New**
2. A data entry form will appear for new Project
3. Enter Field values
4. Fields marked * are Compulsory
5. Make sure data is entered properly
6. Save the Record

A screenshot of a web application window titled 'JMA Borelog Project - [Add Project data]'. The window has a menu bar with 'Project', 'Add', 'Edit', and 'Report'. The main content area contains two input fields: 'Site' with the value 'PROJECT' and 'Client' with the value 'ABC'. Below these fields are two buttons: 'Save' and 'Cancel'.

❖ Opening existing Project

1. Click on Project --- > Open
2. Form to Select Project will appear
3. Select Project name from list
4. Click on Open button



Site	Client
SOIL INVESTIGATION FOR CONSTRUCTION OF WTP 2 AND 2A, EAST LAKE AREA @ D/S OF ...	M/s. STRUCTURAL CONSULTANTS, NAGPUR.
GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION OF M.B.R. CAPACITY 4.00 ML @ CHIK...	PUNE MUNICIPAL CORPORATION, PUNE
SOIL INVESTIGATION FOR CONSTRUCTION OF "SRD SCHEME" @ MAHATMA JYOTIBA FULE ...	M/s THANE MUNICIPAL CORPORATION
GEOTECHNICAL INVESTIGATION FOR INDUSTRIAL BUILDING @TALEGAON-CHAKAN ROAD,M...	LEAR AUTOMOTIVE COMPANY PVT. LTD.
CARRYING OUT GEOTECHNICAL INVESTIGATION FOR AKSHAY C.H.S. LTD. @ PLOT NO. 62, T...	M/s. AKSHAY CORPORATION, MUMBAI.
GEOTECHNICAL INVESTIGATION FOR RESIDENTIAL BUILDING SUNITA C.H.S. LTD. @ P.M. R...	M/S SAI LEELA CORPORATION, MUMBAI.
GEOTECHNICAL INVESTIGATIONS FOR IT RESEARCH CENTRE AND RESIDENTIAL TOWER A...	M/s. DEVENSH REALTY, DADAR, MUMBAI
GEOTECHNICAL INVESTIGATIONS FOR CONSTRUCTION OF RESIDENTIAL TOWER AND COM...	EZZI CO-OP HOUSING SOCIETY THANE
GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION OF COMMERCIAL BUILDING AT R.S.R...	M/s. S.D.BHALERAO CONSTRUCTIONS PVT. LTD, MUMBAI
GEOTECHNICAL INVESTIGATIONS FOR CONSTRUCTION OF I.T.PARK COMMERCIAL BUILDIN...	M/s SHREE LAXMI DEVELOPERS, POWAI, MUMBAI
GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION OF COMMERCIAL BUILDING AT POWA...	M/s. AMARTARA PVT LTD MUMBAI
PROJECT NAME	CLIENT NAME

Open Cancel

Now you are ready to enter field values / View/Print Reports for the Project. Go step by step and make the data entry.

❖ Add Borelog Data

1. Click on Add -> Borehole Data
2. A data entry form will appear for new Borehole Data
3. Enter Field values
4. Fields marked * are Compulsory
5. Make sure data is entered properly
6. Save the Record
7. Repeat the process for all Boreholes

JMA Borelog Project - [Add Soil data ----->>]

Project Add Edit Report

Add Soil Data ----->>>

Pattern Color — ☐ Black / White ☐ Red Soil ☒ Grey ☐ Blue ☐ Yellow ☐ As per IS Standards

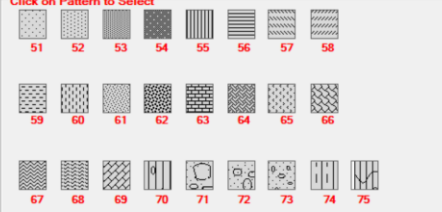
Borehole No

Soil Thickness

Pattern

Soil Description

Click on Pattern to Select



BoreholeNo	Pattern	SoilThick	SoilDesc
T11	130	2.5	Medium dense slightly silty gravelly SAND
T11	109	5	Very loose silty sandy GRAVEL
T11	130	1.5	Medium dense slightly silty gravelly SAND
T11	109	5	Loose silty SAND
T11	8	5.5	Very stiff slightly sandy silty CLAY
T11	130	14.4	Medium dense slightly silty gravelly SAND
T11	8	2.1	Very stiff slightly sandy silty CLAY

❖ Add Soil Data

1. Click on Add -> Soil Data
2. A data entry form will appear for Soil Data
3. Enter Field values
4. Fields marked * are Compulsory
5. Make sure data is entered properly
6. Save the Record
7. Repeat the process for all Soil data

JMA Borelog Project - [Add Soil data ----->>>]


Project Add Edit Report

Add Soil Data ----->>>

Pattern Color --- ☐ Black / White ☐ Red Soil ☐ Grey ☐ Blue ☐ Yellow ☒ As per IS Standards

Borehole No T11

Soil Thickness 2.3 *

Pattern 141  [Select Pattern](#)

Soil Description CH : Inorganic clays of high plasticity, fat clays *

[Save](#) [Cancel](#)

BoreholeNo	Pattern	SoilThick	SoilDesc
T11	128	2.5	Medium dense slightly silty gravelly SAND
T11	132	5	Very loose silty sandy GRAVEL
T11	128	1.5	Medium dense slightly silty gravelly SAND
T11	132	5	Loose silty SAND
T11	135	5.5	Very stiff slightly sandy silty CLAY
T11	128	14.4	Medium dense slightly silty gravelly SAND
T11	135	2.1	Very stiff slightly sandy silty CLAY

IS 1498 - 1970 TABLE 2 : SOIL CLASSIFICATION

COARSE GRAINED SOIL	FINE GRAINED SOIL
GRAVELS GW : Well graded gravels, gravel-sand mixtures; little or no fines GP : Poorly graded gravels or gravel-sand mixtures; little or no fines GM : Silty gravels, poorly graded gravel-sand silt mixtures GC : Clayey gravels, poorly graded gravel-sand-clay mixtures	Silts and clays with low compressibility and limit greater than 50 ML : Inorganic silts and very fine sands rock flour, silty or clayey fine sands or clayey silts CL : Inorganic clays, gravelly clays, sandy clays, silty clays, lean clays of low plasticity OL : Organic silts and organic silty clays of low plasticity
SANDS SW : Well graded sands, gravelly-sands; little or no SP : Poorly graded sands or gravelly sands; little or no fines SM : Silty sands, poorly graded sand-silt mixtures SC : Clayey sands, poorly graded sand-clay mixtures	Silts and clays with medium Compressibility and limit greater than 35 and <50 MI : Inorganic silts, silty or clayey fine sands or clayey silts of medium plasticity CI : Inorganic clays, gravelly clays, sandy clays, silty clays, lean clays of medium plasticity OI : Organic silts and organic silty clays of medium plasticity
	Silts and clays with high compressibility and limit greater than 50 MH : Inorganic silts of high compressibility, micaceous or diatomaceous fine sandy or CH : Inorganic clays of high plasticity, fat clays OH : Organic clays of medium to high plasticity Pt : Peat and other highly organic soils with very high

❖ Add Rock Data

1. Click on Add -> Rock Data
2. A data entry form will appear for Rock Data
3. Enter Field values
4. Fields marked * are Compulsory
5. Make sure data is entered properly
6. Save the Record
7. Repeat the process for all Rock data


JMA Borelog Project - [Add Rock data ----->>>]

Project Add Edit Report Help

Add Rock Data ----->>> Pattern Color — Black / White Red Soil Grey Blue Yellow As per IS Standards

Borehole No T11

Rock Thickness 1.2 *

Pattern 126  Select Pattern

Rock Description GW : Well graded gravels, gravel-sand mixtures; little or no fines *

Save Cancel

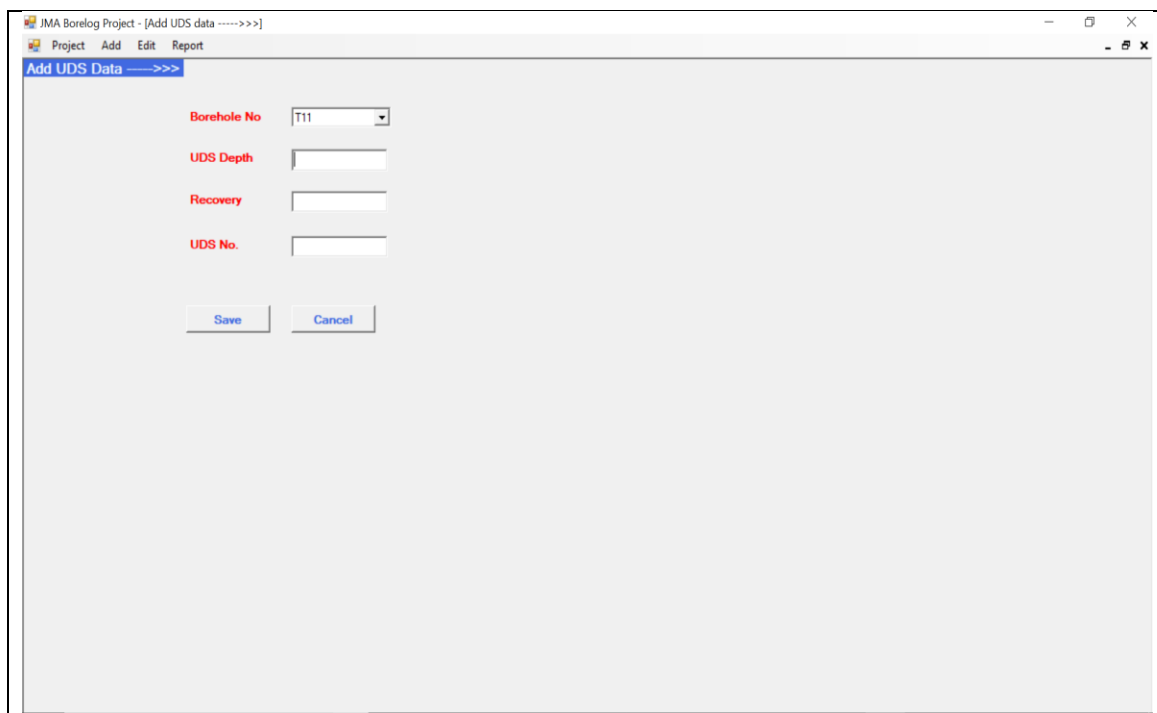
BoreholeNo	Pattern	RockThick	RockDesc
*			

IS 1498 - 1970 TABLE 2 : SOIL CLASSIFICATION

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GRAVELS GW : Well graded gravels, gravel-sand mixtures; little or no fines GP : Poorly graded gravels or gravel-sand mixtures; little or no fines GM : Silty gravels, poorly graded gravel-sand silt mixtures GC : Clayey gravels, poorly graded gravel-sand-clay mixtures	Silts and clays with low compressibility and limit greater than 50 ML : Inorganic silts and very fine sands rock flour, silty or clayey fine sands or clayey silts CL : Inorganic clays, gravelly clays, sandy clays, silty clays, lean clays of low plasticity OL : Organic silts and organic silty clays of low plasticity
SANDS SW : Well graded sands, gravelly-sands; little or no SP : Poorly graded sands or gravelly sands; little or no fines SM : Silty sands, poorly graded sand-silt mixtures SC : Clayey sands, poorly graded sand-clay mixtures	Silts and clays with medium Compressibility and limit greater than 35 and <50 MI : Inorganic silts, silty or clayey fine sands or clayey silts of medium plasticity CI : Inorganic clays, gravelly clays, sandy clays, silty clays, lean clays of medium OI : Organic silts and organic silty clays of medium plasticity
	Silts and clays with high compressibility and limit greater than 50 MH : Inorganic silts of high compressibility, micaceous or diatomaceous fine sandy or CH : Inorganic clays of high plasticity, fat clays OH : Organic clays of medium to high plasticity Pt : Peat and other highly organic soils with very high

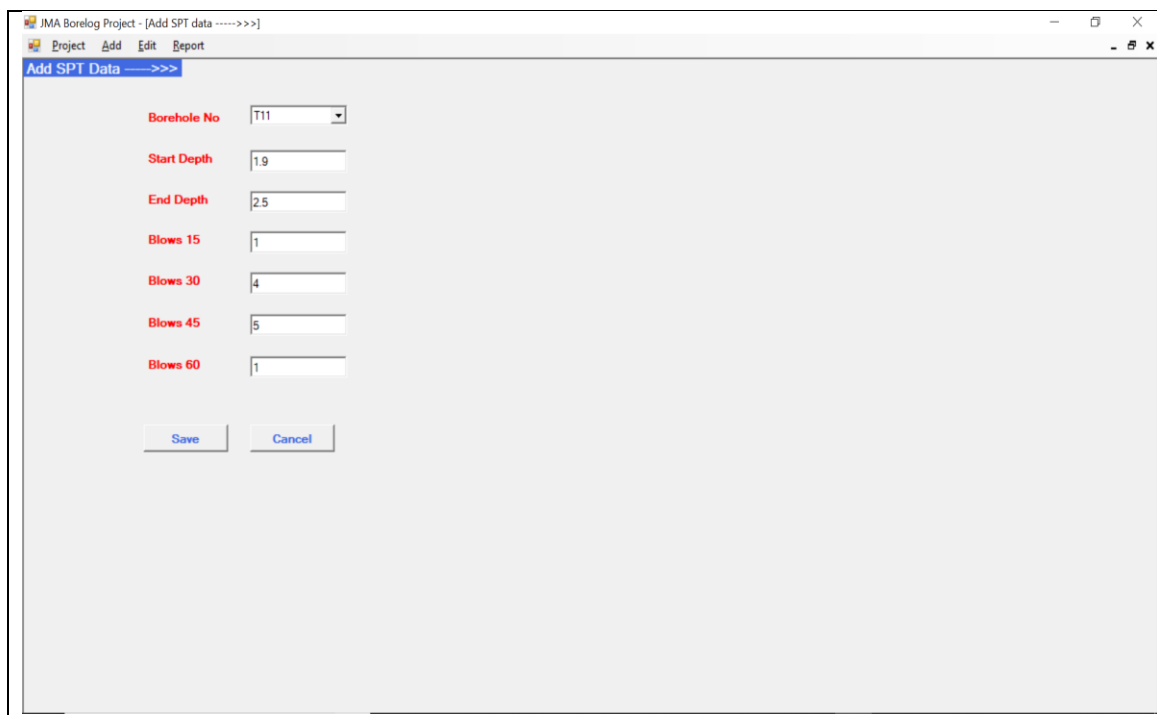
❖ Add UDS Data

1. Click on Add - > UDS Data
2. A data entry form will appear for UDS Data
3. Enter Field values
4. Fields marked * are Compulsory
5. Make sure data is entered properly
6. Save the Record
7. Repeat the process for all UDS data

A screenshot of a software window titled 'JMA Borelog Project - [Add UDS data ---->>>]'. The window has a menu bar with 'Project', 'Add', 'Edit', and 'Report'. Below the menu bar is a tab labeled 'Add UDS Data ---->>>'. The main area contains a form with four fields: 'Borehole No' with a dropdown menu showing 'T11', 'UDS Depth' with a text input field, 'Recovery' with a text input field, and 'UDS No.' with a text input field. At the bottom of the form are two buttons: 'Save' and 'Cancel'.

❖ Add SPT Data

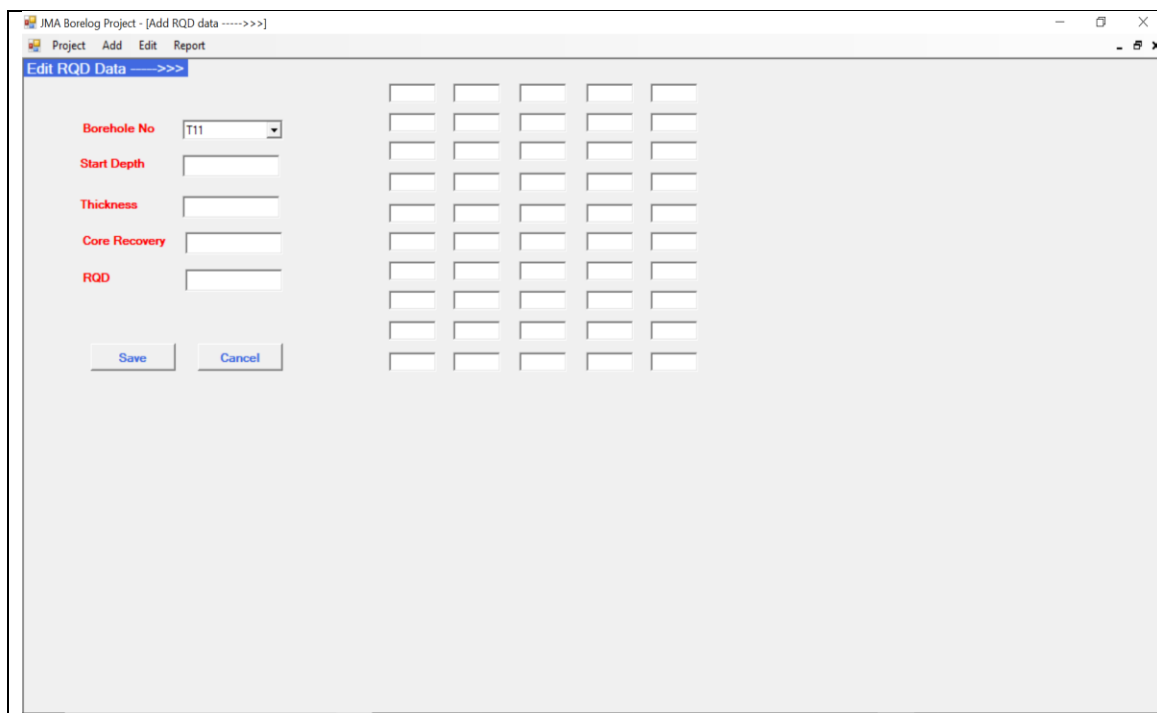
1. Click on Add -> SPT Data
2. A data entry form will appear for SPT Data
3. Enter Field values
4. Fields marked * are Compulsory
5. Make sure data is entered properly
6. Save the Record
7. Repeat the process for all SPT data

A screenshot of the 'Add SPT Data' window in the JMA Borelog software. The window has a title bar 'JMA Borelog Project - [Add SPT data ----->>>]' and a menu bar with 'Project', 'Add', 'Edit', and 'Report'. The main area is titled 'Add SPT Data ----->>>'. It contains several input fields with red labels: 'Borehole No' (a dropdown menu showing 'T11'), 'Start Depth' (text box with '1.9'), 'End Depth' (text box with '2.5'), 'Blows 15' (text box with '1'), 'Blows 30' (text box with '4'), 'Blows 45' (text box with '5'), and 'Blows 60' (text box with '1'). At the bottom, there are 'Save' and 'Cancel' buttons.

Field	Value
Borehole No	T11
Start Depth	1.9
End Depth	2.5
Blows 15	1
Blows 30	4
Blows 45	5
Blows 60	1

❖ Add RQD Data

1. Click on Add -> RQD Data
2. A data entry form will appear for RQD Data
3. Enter Field values
4. Fields marked * are Compulsory
5. Make sure data is entered properly
6. Save the Record
7. Repeat the process for all RQD data



JMA Borelog Project - [Add RQD data ---->>>]

Project Add Edit Report

Edit RQD Data ---->>>

Borehole No

Start Depth

Thickness

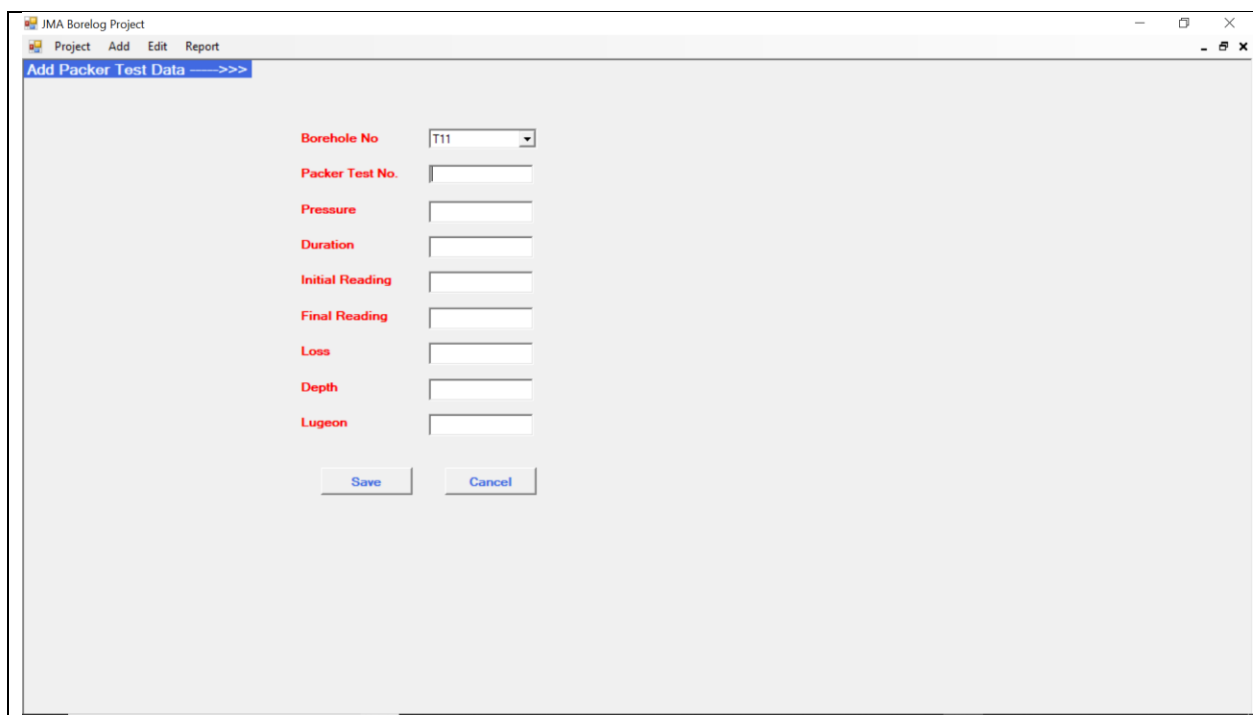
Core Recovery

RQD

Save Cancel

❖ Add Packer Test Data

1. Click on Add - > Packer Test Data
2. A data entry form will appear for Packer Test Data
3. Enter Field values
4. Fields marked * are Compulsory
5. Make sure data is entered properly
6. Save the Record
7. Repeat the process for all Packer Test data



The screenshot shows a software window titled "JMA Borelog Project" with a menu bar containing "Project", "Add", "Edit", and "Report". The main area is titled "Add Packer Test Data" with a blue header bar. The form contains the following fields:

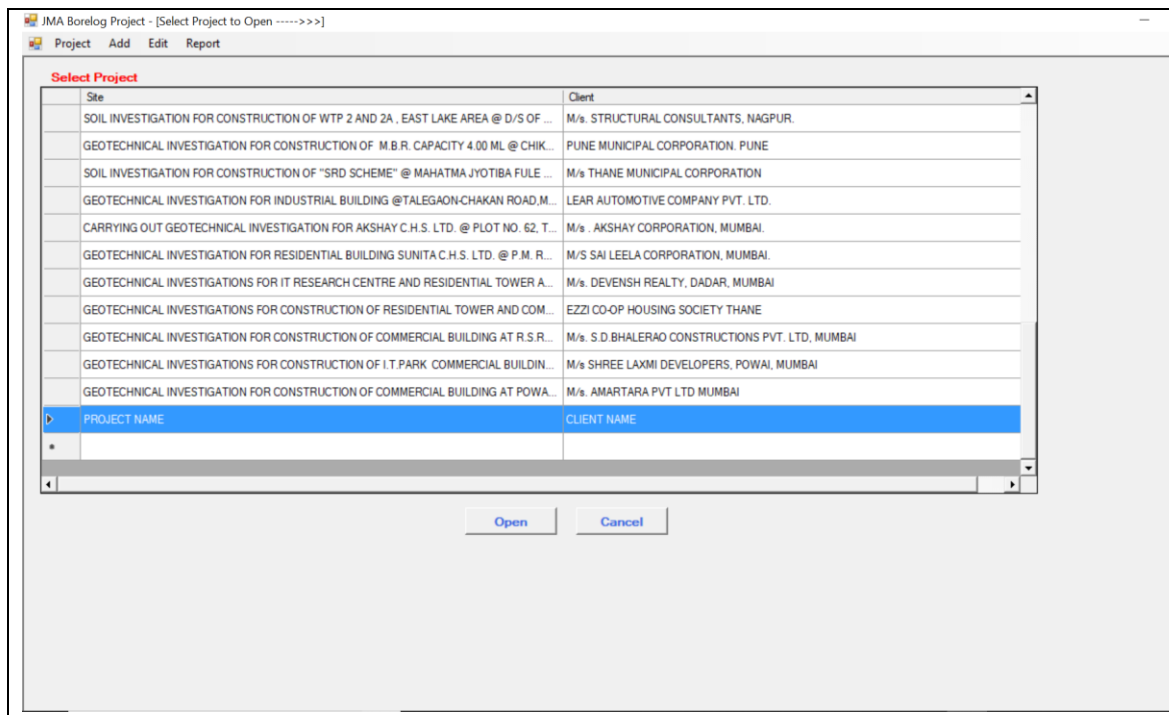
- Borehole No: A dropdown menu with "T11" selected.
- Packer Test No.: A text input field.
- Pressure: A text input field.
- Duration: A text input field.
- Initial Reading: A text input field.
- Final Reading: A text input field.
- Loss: A text input field.
- Depth: A text input field.
- Lugeon: A text input field.

At the bottom of the form are two buttons: "Save" and "Cancel".

❖ Edit Project Data

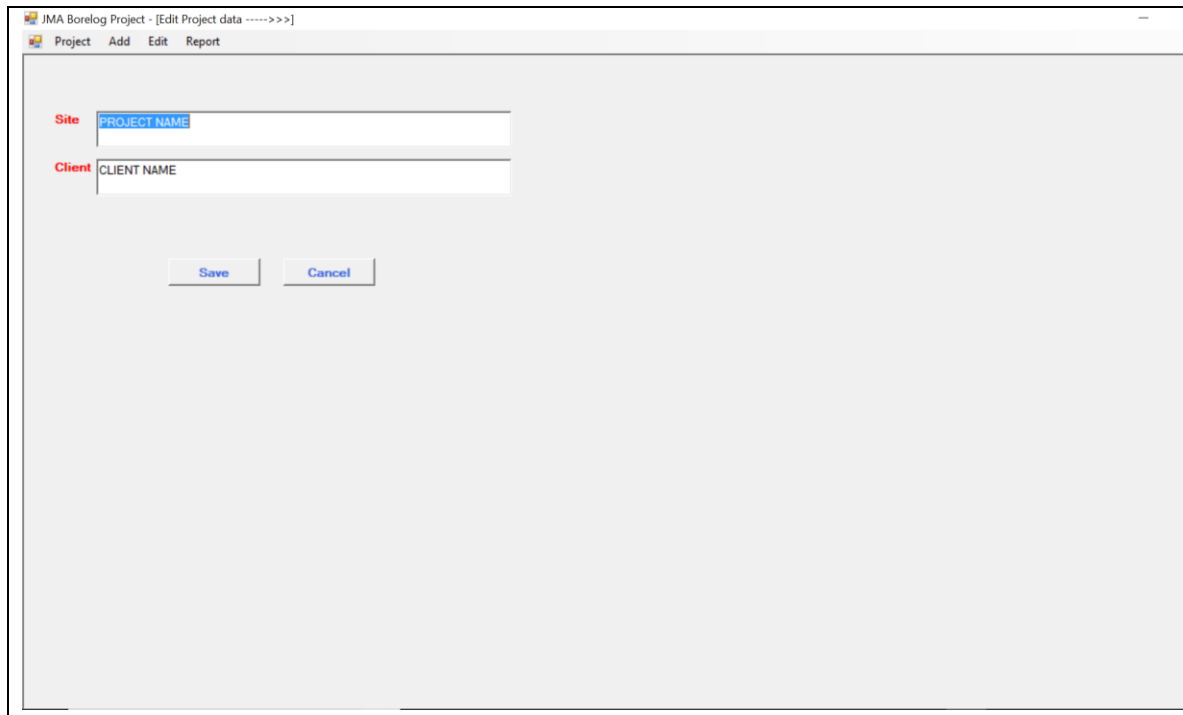
If existing data needs to be changed for some reasons then you can easily do it with Edit Option.

1. Click on Project --- > Edit Existing
2. A data entry form will appear to Select existing Project



Site	Client
SOIL INVESTIGATION FOR CONSTRUCTION OF WTP 2 AND 2A , EAST LAKE AREA @ D/S OF ...	M/s. STRUCTURAL CONSULTANTS, NAGPUR.
GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION OF M.B.R. CAPACITY 4.00 ML @ CHIK...	PUNE MUNICIPAL CORPORATION, PUNE
SOIL INVESTIGATION FOR CONSTRUCTION OF "SRD SCHEME" @ MAHATMA JYOTIBA FULE ...	M/s THANE MUNICIPAL CORPORATION
GEOTECHNICAL INVESTIGATION FOR INDUSTRIAL BUILDING @TALEGAON-CHAKAN ROAD,M...	LEAR AUTOMOTIVE COMPANY PVT. LTD.
CARRYING OUT GEOTECHNICAL INVESTIGATION FOR AKSHAY C.H.S. LTD. @ PLOT NO. 62, T...	M/s . AKSHAY CORPORATION, MUMBAI.
GEOTECHNICAL INVESTIGATION FOR RESIDENTIAL BUILDING SUNITA C.H.S. LTD. @ P.M. R...	M/S SAI LEELA CORPORATION, MUMBAI.
GEOTECHNICAL INVESTIGATIONS FOR IT RESEARCH CENTRE AND RESIDENTIAL TOWER A...	M/s. DEVENSH REALTY, DADAR, MUMBAI
GEOTECHNICAL INVESTIGATIONS FOR CONSTRUCTION OF RESIDENTIAL TOWER AND COM...	EZZI CO-OP HOUSING SOCIETY THANE
GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION OF COMMERCIAL BUILDING AT R.S.R...	M/s. S.D.BHALERAO CONSTRUCTIONS PVT. LTD, MUMBAI
GEOTECHNICAL INVESTIGATIONS FOR CONSTRUCTION OF I.T.PARK COMMERCIAL BUILDIN...	M/s SHREE LAXMI DEVELOPERS, POWAI, MUMBAI
GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION OF COMMERCIAL BUILDING AT POWA...	M/s. AMARTARA PVT LTD MUMBAI
PROJECT NAME	CLIENT NAME

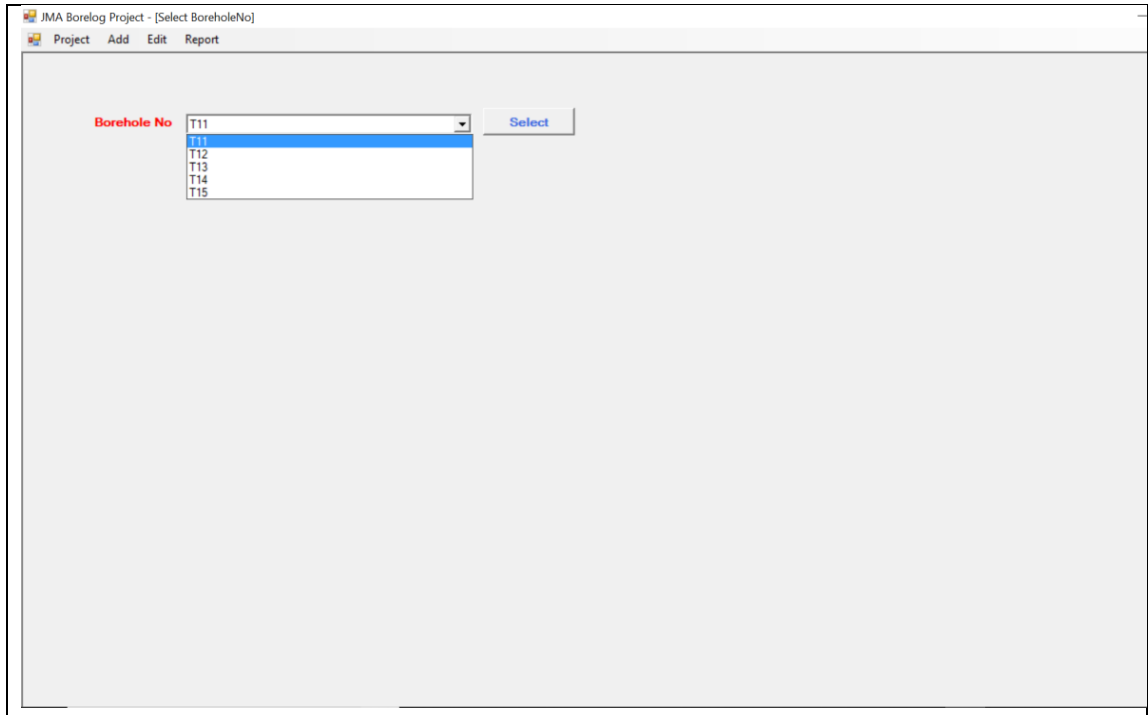
3. Select Project from the list and click on Open Button
4. Form to Edit existing Project will appear

A screenshot of a software window titled 'JMA Borelog Project - [Edit Project data ----->>]'. The window has a menu bar with 'Project', 'Add', 'Edit', and 'Report'. The main area contains two text input fields. The first field is labeled 'Site' in red and contains the text 'PROJECT NAME'. The second field is labeled 'Client' in red and contains the text 'CLIENT NAME'. Below these fields are two buttons: 'Save' and 'Cancel'.

5. Make the Changes
6. Fields marked * are Compulsory
7. Make sure data is entered properly
8. Save the Record

❖ Edit Borelog Data

1. Click on Edit – > Borehole Data
2. Form to select Borehole No. will appear

A screenshot of a software window titled 'JMA Borelog Project - [Select BoreholeNo]'. The window has a menu bar with 'Project', 'Add', 'Edit', and 'Report'. The main area contains a label 'Borehole No' in red text. To its right is a dropdown menu with a list of borehole numbers: T11, T12, T13, T14, and T15. The 'T11' option is currently selected and highlighted in blue. To the right of the dropdown menu is a button labeled 'Select'.

3. Select Borehole No. that needs to edited
4. Click on Select Button
5. A data entry form will appear to edit Borehole Data

JMA Borelog Project - [Edit Sheet data ----->>>]

Project Add Edit Report

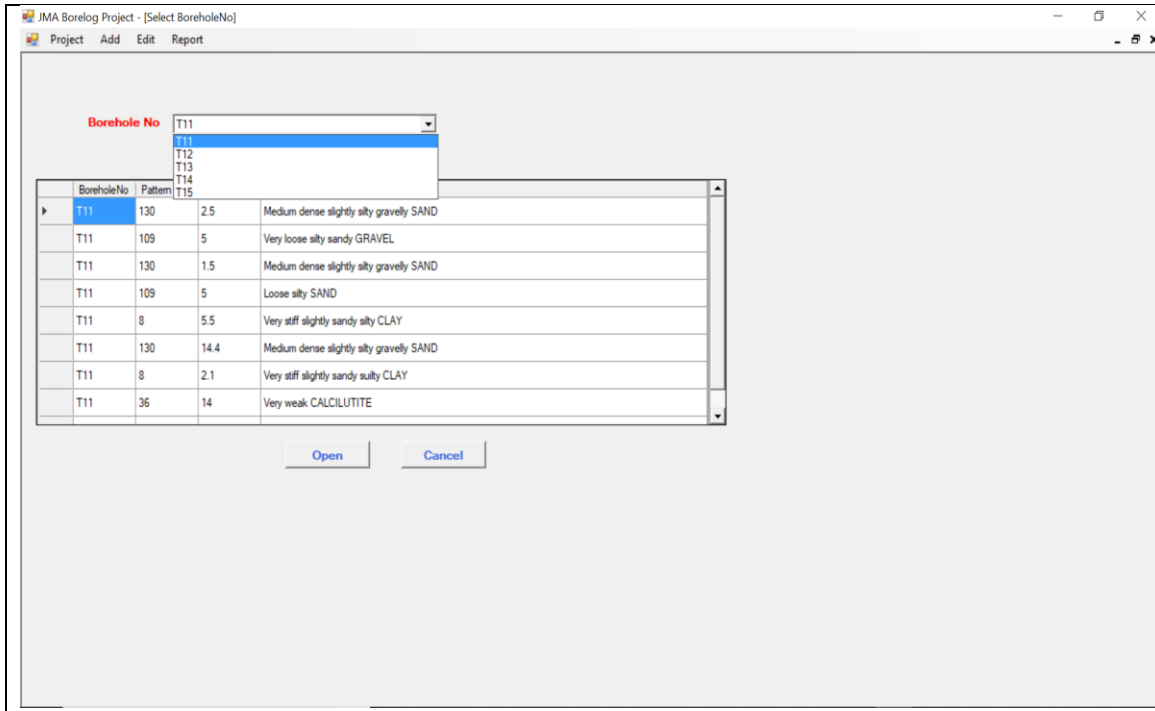
Sheet No.	<input type="text" value="1"/>	Borehole No	<input type="text" value="T11"/>
Ground Level	<input type="text" value="-1.86"/>	Chainage	<input type="text" value="668"/>
Water table	<input type="text"/>		
Starting Date	<input type="text" value="09/26/2018"/>	End Date	<input type="text" value="09/26/2018"/>
Location	<input type="text" value="AFCONS"/>		
Case Diameter	<input type="text" value="150"/>	Case Depth	<input type="text" value="0"/>
Crushing Strength	<input type="text"/>	Crushing Depth	<input type="text"/>
Core Box	<input type="text"/>	Chainage Grid	<input type="text" value="0"/>
Water Intake Test	<input type="text"/>	Shifting	<input type="text"/>
Remark	<input type="text"/>		

Save Cancel

6. Make changes
7. Fields marked * are Compulsory
8. Make sure data is entered properly
9. Save the Record
10. Repeat the process for all Boreholes

❖ Edit Soil Data

- 1 Click on Edit – > Soil Data
- 2 Form to select Borehole No. will appear



BoreholeNo	Pattern	Description
T11	130	2.5 Medium dense slightly silty gravelly SAND
T11	109	5 Very loose silty sandy GRAVEL
T11	130	1.5 Medium dense slightly silty gravelly SAND
T11	109	5 Loose silty SAND
T11	8	5.5 Very stiff slightly sandy silty CLAY
T11	130	14.4 Medium dense slightly silty gravelly SAND
T11	8	2.1 Very stiff slightly sandy silty CLAY
T11	36	14 Very weak CALCULUTITE

- 3 Select Borehole No. for which Soil data needs to be edited
- 4 All the records of Soil for selected Borehole No will be displayed
- 5 Click on the record that needs to be edited
- 6 Click on Select Button
- 7 A data entry form will appear to edit Soil Data

JMA Borelog Project - [FrmSoilEditNew]


Project Add Edit Report

Edit Soil Data >>>

Pattern Color — ☐ Black / White ☐ Red Soil ☐ Grey ☐ Blue ☐ Yellow ☒ As per IS Standards

Borehole No T11

Soil Thickness 2.5 *

Pattern 128  [Select Pattern](#)

Soil Description Medium dense slightly silty gravelly SAND *

[Save](#) [Back](#) [Cancel](#)

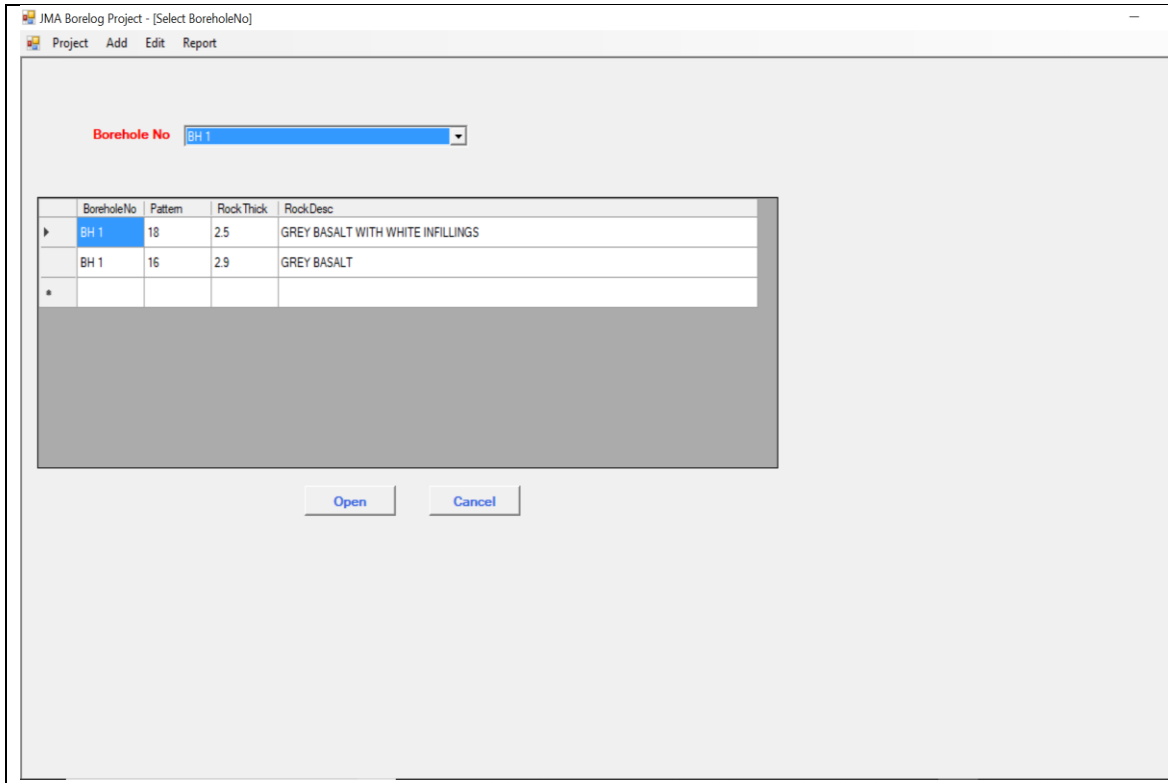
IS 1498 - 1970 TABLE 2 : SOIL CLASSIFICATION

COARSE GRAINED SOIL	FINE GRAINED SOIL
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SANDS SW : Well graded sands, gravelly-sands; little or no SP : Poorly graded sands or gravelly sands; little or no fines SM : Silty sands, poorly graded sand-silt mixtures SC : Clayey sands, poorly graded sand-clay mixtures	Sils and clays with medium Compressibility and LL> 35 and <50 MI : Inorganic silts, silty or clayey fine sands or clayey silts of medium plasticity CI : Inorganic clays, gravelly clays, sandy clays, silty clays, lean clays of medium Oi : Organic silts and organic silty clays of medium plasticity
	Sils and clays with high compressibility and liquid limit greater than 50 MH : Inorganic silts of high compressibility, micaceous or diatomaceous fine sandy or CH : Inorganic clays of high plasticity, fat clays OH : Organic clays of medium to high plasticity Pt : Peat and other highly organic soils with very high

- 8 Make Changes
- 9 Fields marked * are Compulsory
- 10 Make sure data is entered properly
- 11 Save the Record
- 12 Repeat the process for all Soil data by pressing Back button

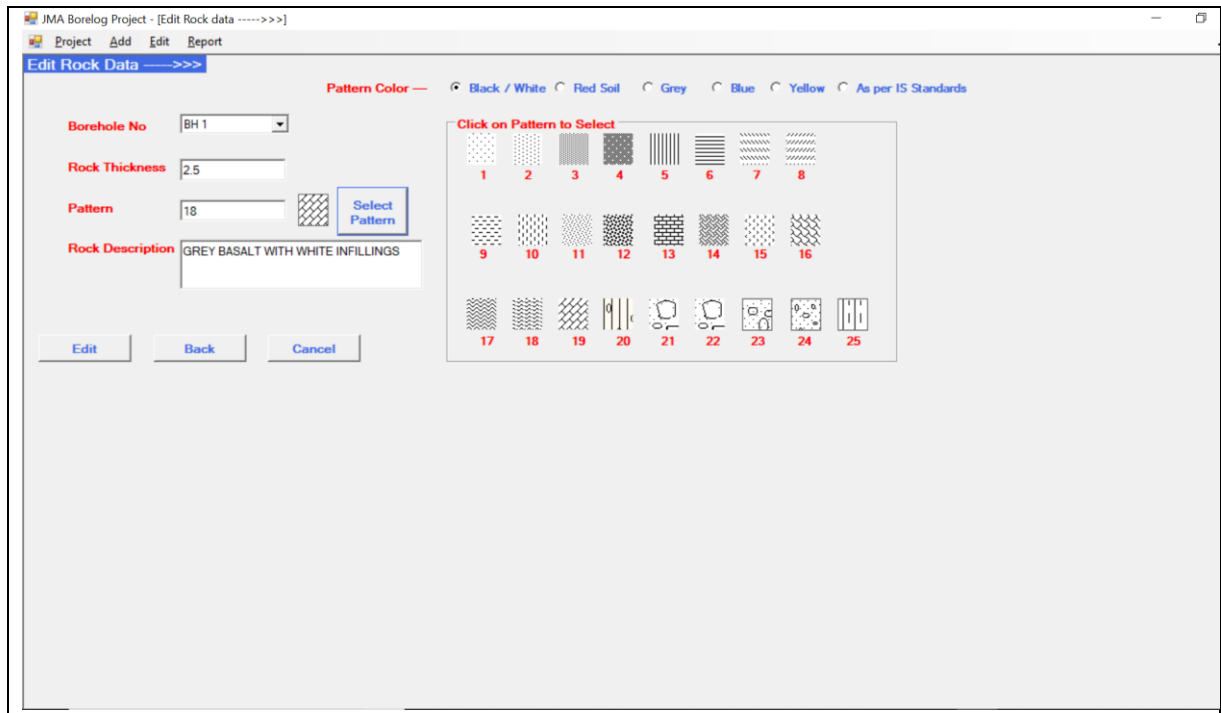
❖ Edit Rock Data

- 1 Click on Edit -> Rock Data
- 2 Form to select Borehole No. will appear



BoreholeNo	Pattern	RockThick	RockDesc
BH 1	18	2.5	GREY BASALT WITH WHITE INFILLINGS
BH 1	16	2.9	GREY BASALT

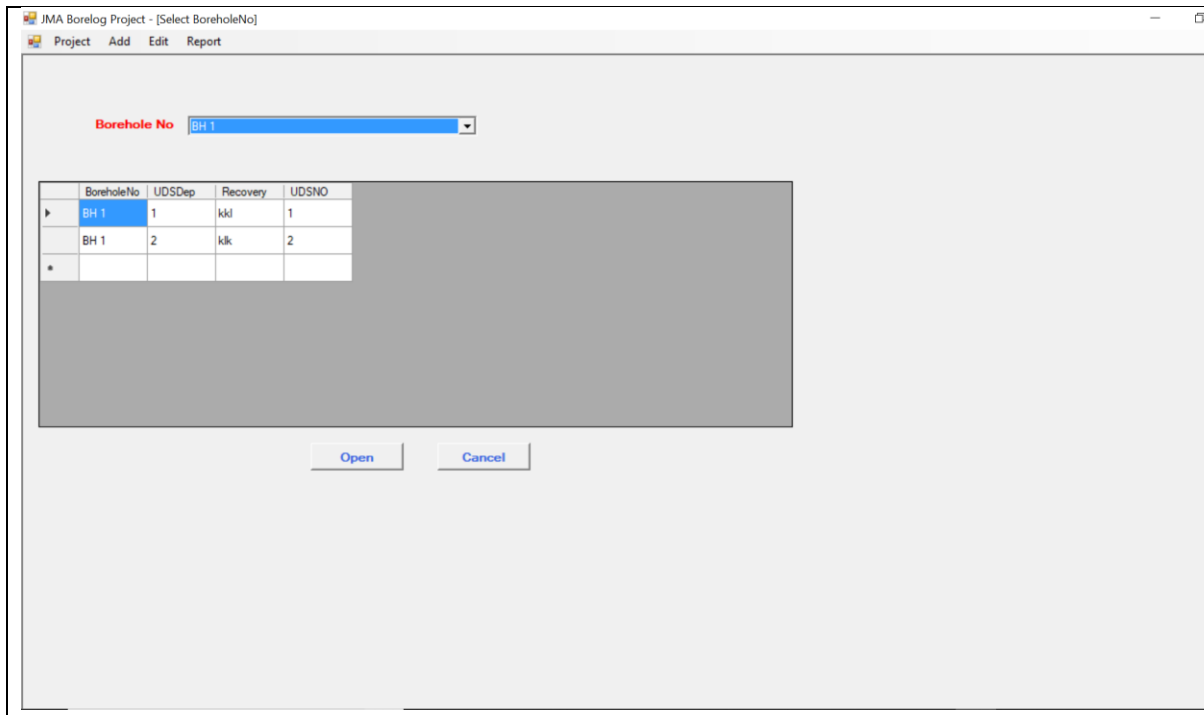
- 3 Select Borehole No. for which Rock data needs to be edited
- 4 All the records of Rock for selected Borehole No will be displayed
- 5 Click on the record that needs to be edited
- 6 Click on Select Button
- 7 A data entry form will appear to edit Rock Data



- 8 Make changes
- 9 Fields marked * are Compulsory
- 10 Make sure data is entered properly
- 11 Save the Record
- 12 Repeat the process for all Rock data by pressing Back button

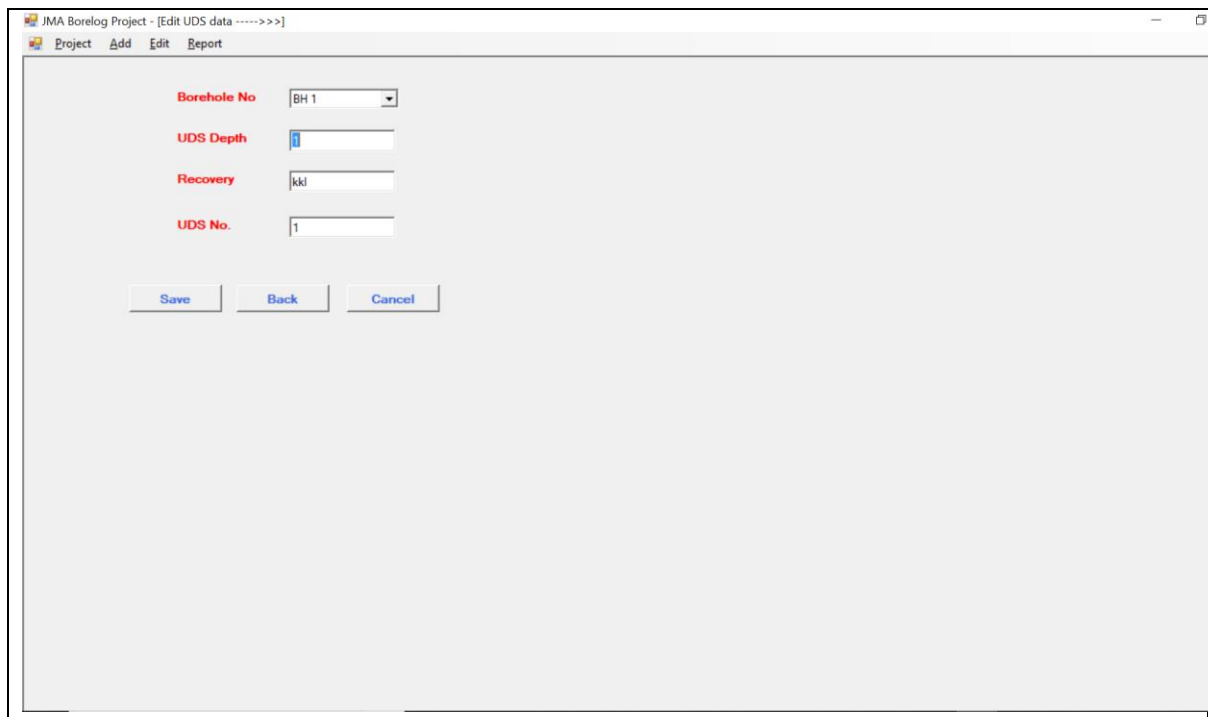
❖ Edit UDS Data

- 1 Click on Edit -> UDS Data
- 2 Form to select Borehole No. will appear



BoreholeNo	UDSDep	Recovery	UDSNO
BH 1	1	kkl	1
BH 1	2	kkk	2
*			

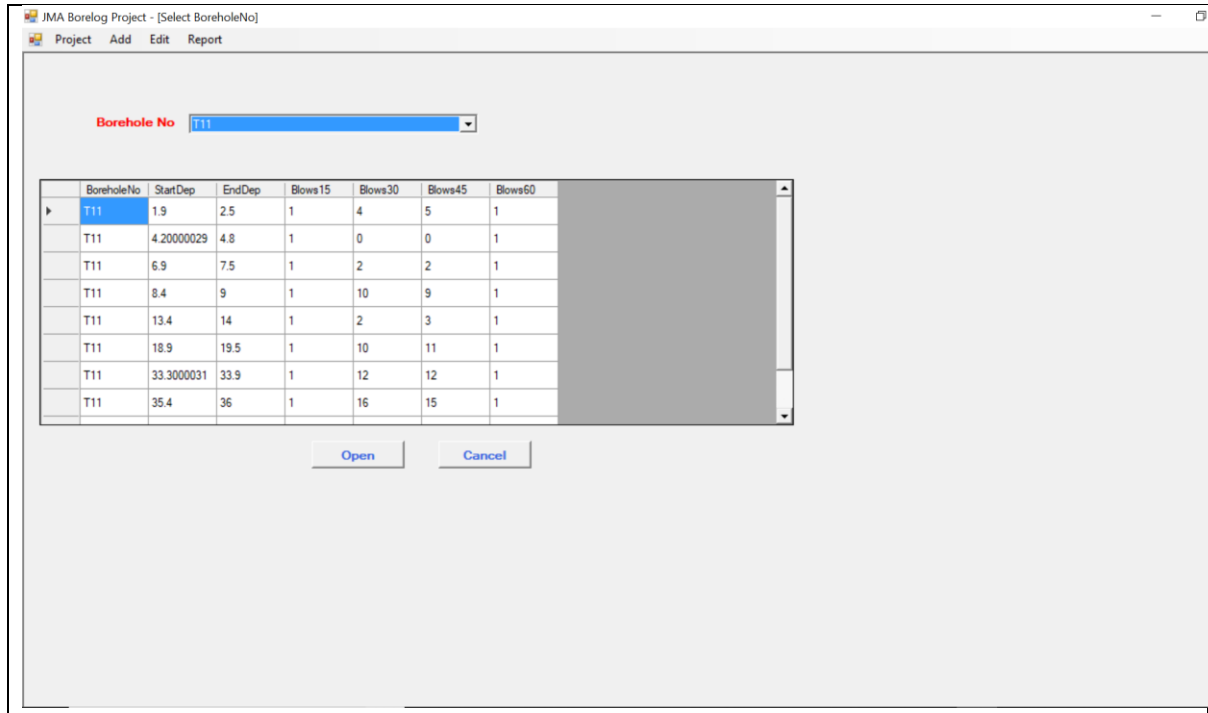
- 3 Select Borehole No. for Which UDS data needs to edited
- 4 All the records of UDS for selected Borehole No will be displayed
- 5 Click on the record that needs to be edited
- 6 Click on Select Button
- 7 A data entry form will appear to edit UDS Data

A screenshot of the 'JMA Borelog Project - [Edit UDS data ---->>>]' window. The window has a menu bar with 'Project', 'Add', 'Edit', and 'Report'. The main area contains four red labels with corresponding input fields: 'Borehole No' with a dropdown menu showing 'BH 1', 'UDS Depth' with a text box containing '1', 'Recovery' with a text box containing 'kkl', and 'UDS No.' with a text box containing '1'. At the bottom, there are three buttons: 'Save', 'Back', and 'Cancel'.

- 8 Enter Field values
- 9 Fields marked * are Compulsory
- 10 Make sure data is entered properly
- 11 Save the Record
- 12 Repeat the process for all UDS data by pressing Back button

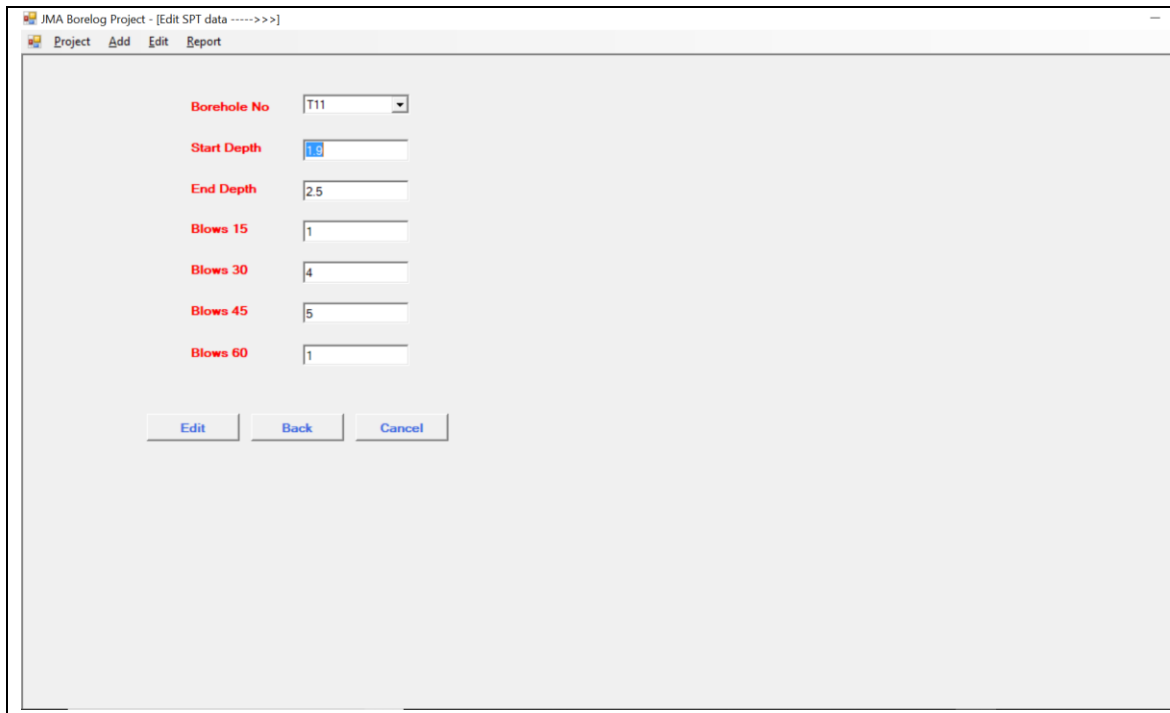
❖ Edit SPT Data

- 1 Click on Edit -> SPT Data
- 2 Form to select Borehole No. will appear



BoreholeNo	StartDep	EndDep	Blows15	Blows30	Blows45	Blows60
T11	1.9	2.5	1	4	5	1
T11	4.20000029	4.8	1	0	0	1
T11	6.9	7.5	1	2	2	1
T11	8.4	9	1	10	9	1
T11	13.4	14	1	2	3	1
T11	18.9	19.5	1	10	11	1
T11	33.30000031	33.9	1	12	12	1
T11	35.4	36	1	16	15	1

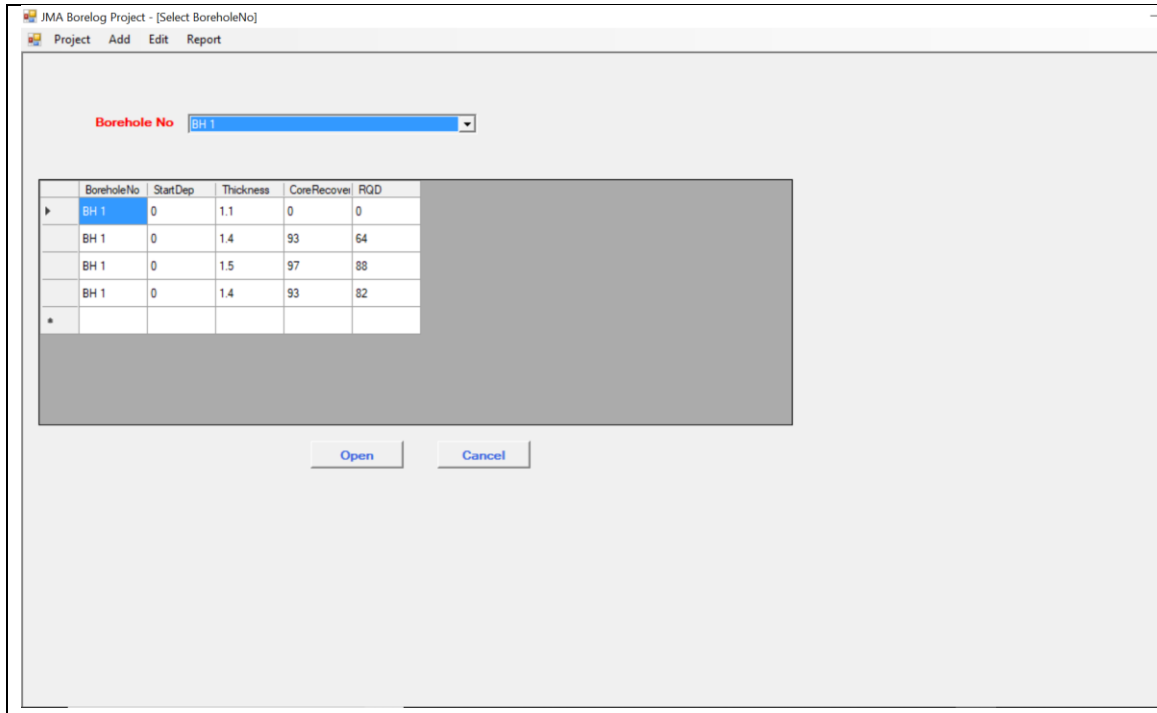
- 3 Select Borehole No. from list for Which SPT data needs to edited
- 4 All the records of SPT for selected Borehole No will be displayed
- 5 Click on the record that needs to be edited
- 6 Click on Select Button
- 7 A data entry form will appear to edit SPT Data

A screenshot of the JMA Borelog software interface. The window title is 'JMA Borelog Project - [Edit SPT data ----->>]'. The menu bar includes 'Project', 'Add', 'Edit', and 'Report'. The main area contains a form with the following fields: 'Borehole No' (dropdown menu showing 'T11'), 'Start Depth' (text box with '0'), 'End Depth' (text box with '2.5'), 'Blows 15' (text box with '1'), 'Blows 30' (text box with '4'), 'Blows 45' (text box with '5'), and 'Blows 60' (text box with '1'). At the bottom of the form are three buttons: 'Edit', 'Back', and 'Cancel'.

- 8 Enter Field values
- 9 Fields marked * are Compulsory
- 10 Make sure data is entered properly
- 11 Save the Record
- 12 Repeat the process for all SPT data by pressing Back button

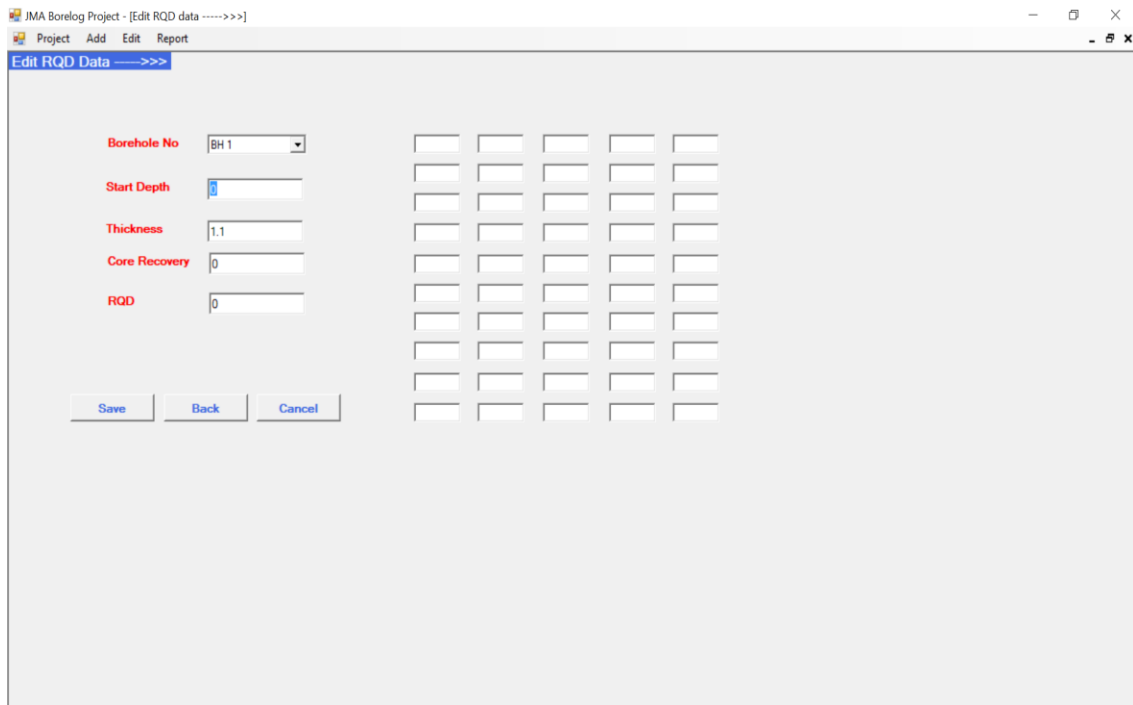
❖ Edit RQD Data

- 1 Click on Edit -> RQD Data
- 2 Form to select Borehole No. will appear



BoreholeNo	StartDep	Thickness	CoreRecover	RQD
BH 1	0	1.1	0	0
BH 1	0	1.4	93	64
BH 1	0	1.5	97	88
BH 1	0	1.4	93	82

- 3 Select Borehole No. for Which RQD data needs to edited
- 4 All the records of RQD for selected Borehole No will be displayed
- 5 Click on the record that needs to be edited
- 6 Click on Select Button
- 7 A data entry form will appear to edit RQD Data



- 8 Enter Field values
- 9 Fields marked * are Compulsory
- 10 Make sure data is entered properly
- 11 Save the Record
- 12 Repeat the process for all RQD data by pressing Back button

❖ Edit Packer Test Data

- 1 Click on Edit - > Packer Test Data
- 2 Form to select Borehole No. will appear
- 3 Select Borehole No. for Which Packer Test data needs to edited
- 4 All the records of Packer Test for selected Borehole No will be displayed
- 5 Click on the record that needs to be edited
- 6 Click on Select Button
- 7 A data entry form will appear to edit Packer Test Data
- 8 Enter Field values
- 9 Fields marked * are Compulsory
- 10 Make sure data is entered properly
- 11 Save the Record
- 12 Repeat the process for all Packer Test data by pressing Back button

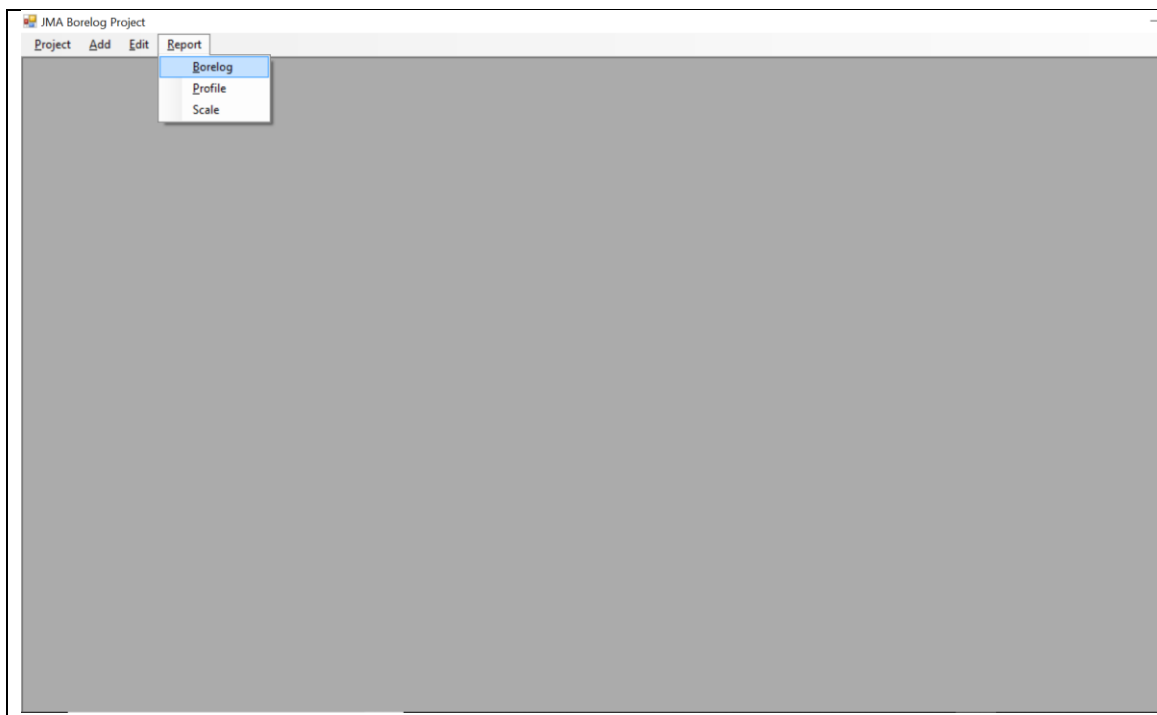
❖ Report Generation

Once you are done with data entry its time now to generate reports. Two type of reports are provided in the product with Scale/Paper Setting

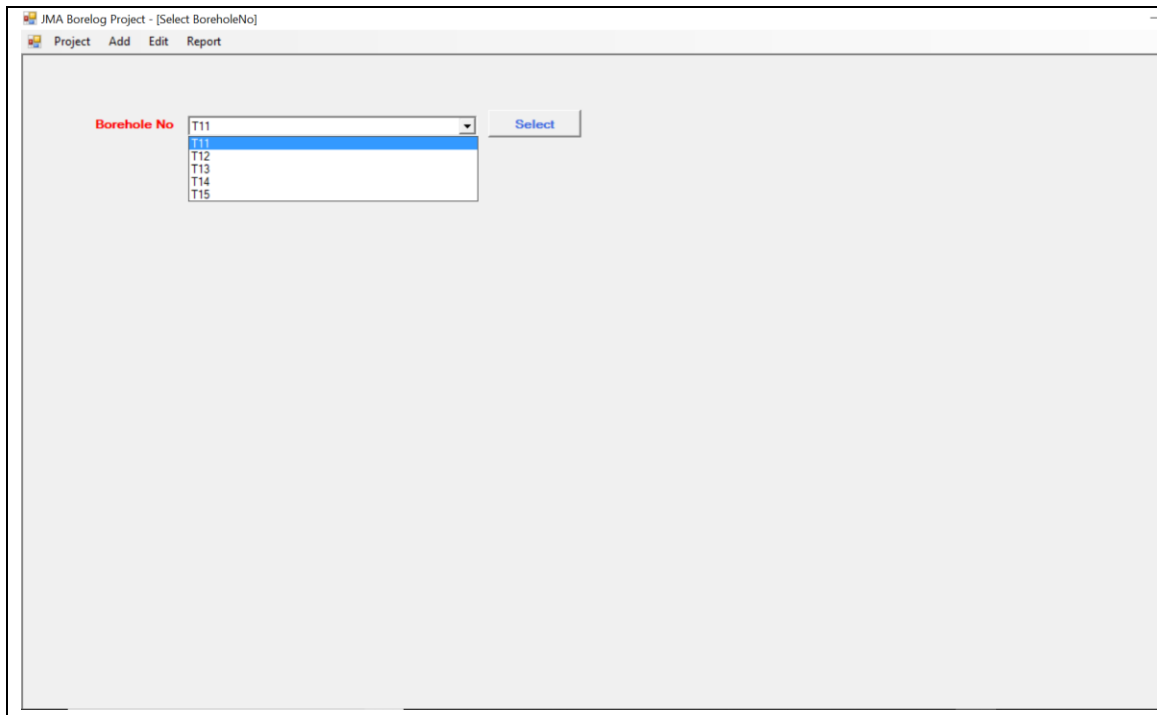
- A. Borelog
- B. Profile
- C. Settings

A. To generate Borelog report

- 1 Click on Report --- > Borelog



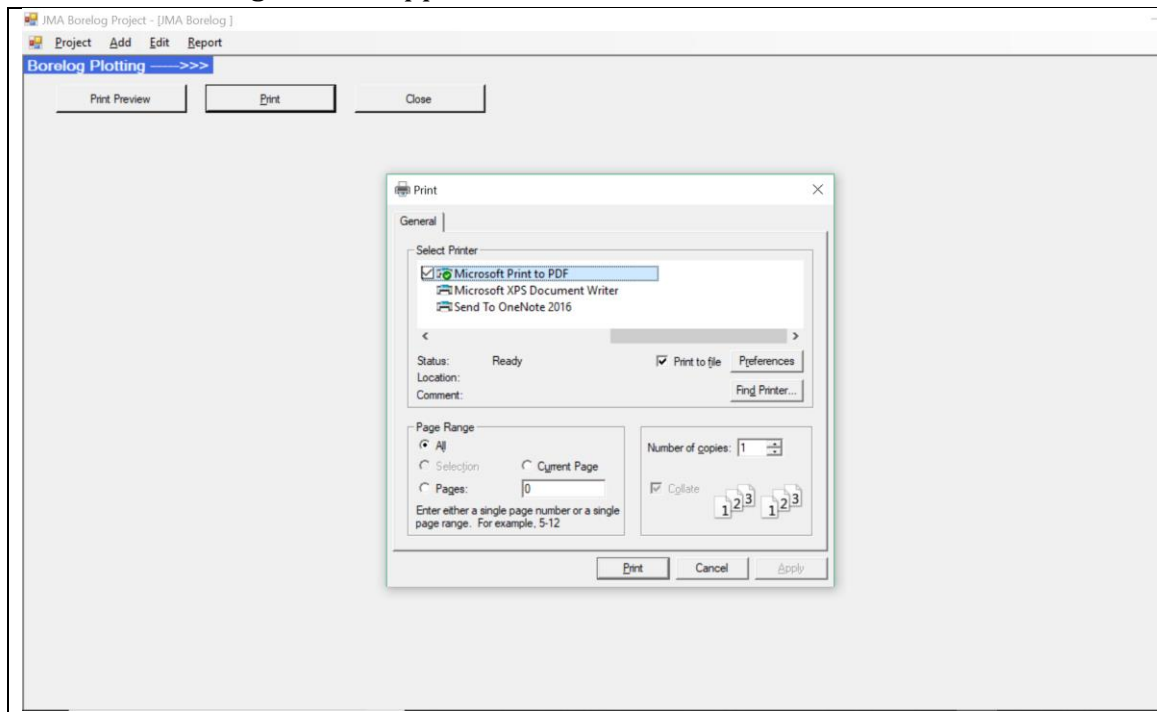
- 2 Form to Select Borehole No. will appear

A screenshot of the JMA Borelog software interface. The window title is 'JMA Borelog Project - [Select BoreholeNo]'. The menu bar includes 'Project', 'Add', 'Edit', and 'Report'. The main area has a label 'Borehole No' in red. To its right is a dropdown menu with a list of borehole numbers: T11, T12, T13, T14, and T15. The 'T11' option is currently selected and highlighted in blue. To the right of the dropdown is a button labeled 'Select'.

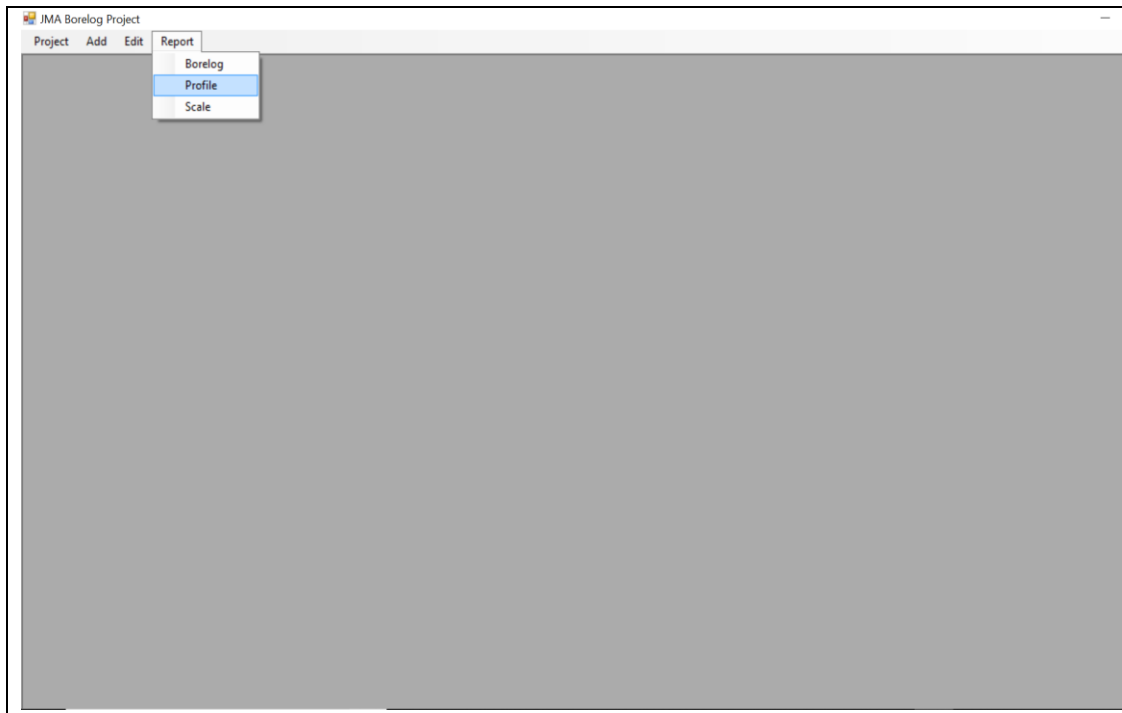
- 3 Select the Borehole No. from list
- 4 Click on Select Button
- 5 Form will appear where you can View, Print Borelog Report



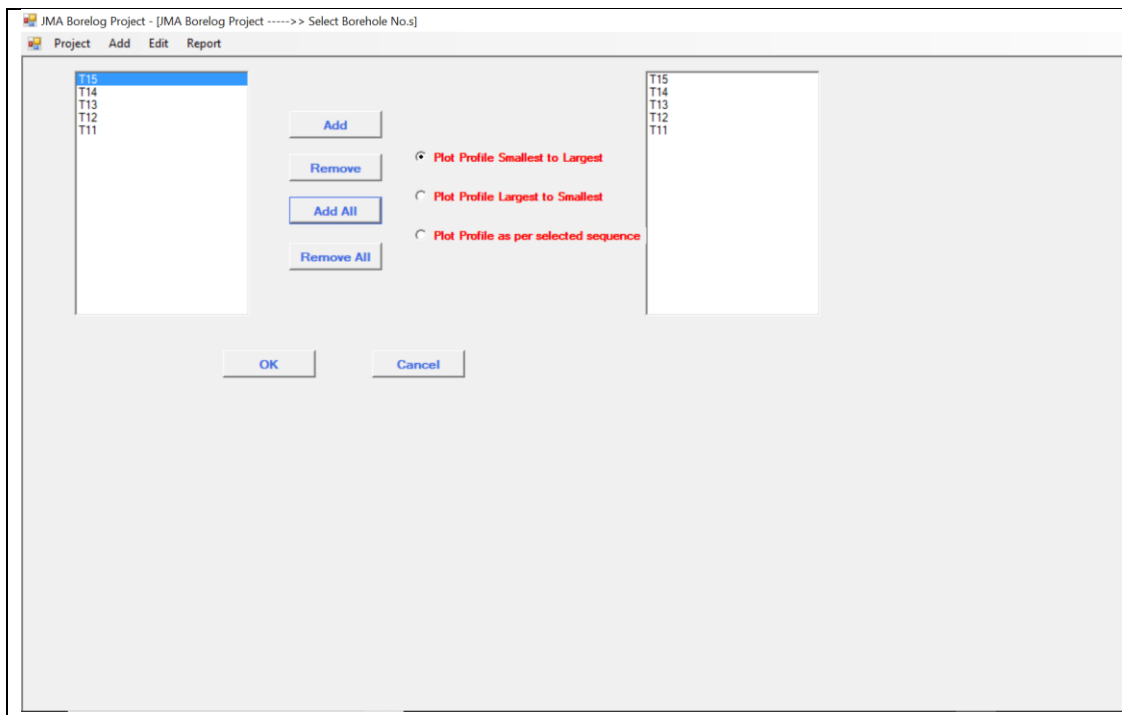
- c. You can zoom to see the report
- d. You can scroll through all the pages by clicking arrow button at top-left corner
- 7 To Print Borelog Report
 - a. Click on Print Borelog
 - b. Print Dialog box will appear



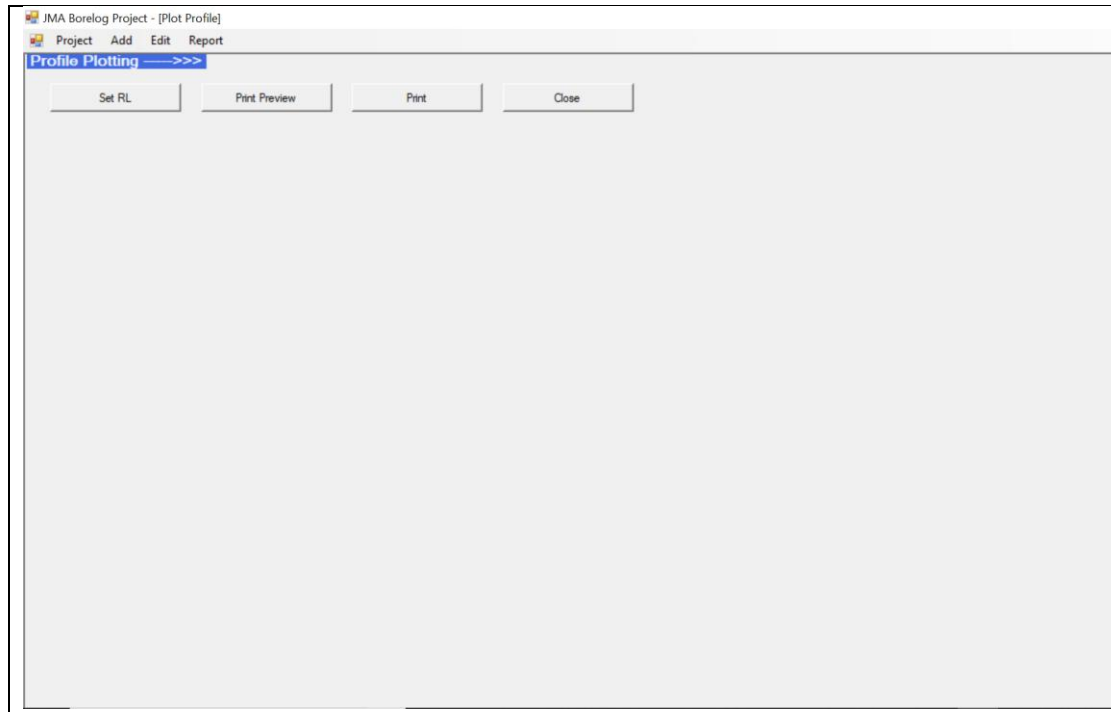
- c. You may change the Printer Setting if needed
 - d. Borelog Report is designed for **A4 size** Paper
 - e. Click on Print Button
 - f. Your report is ready for use
- B. To generate Profile Report**
- 1. To generate Profile make sure that Paper Size is A3/A2
 - 2. You can Change Paper Setting by Settings menu
 - 3. Click on Report --- > Profile



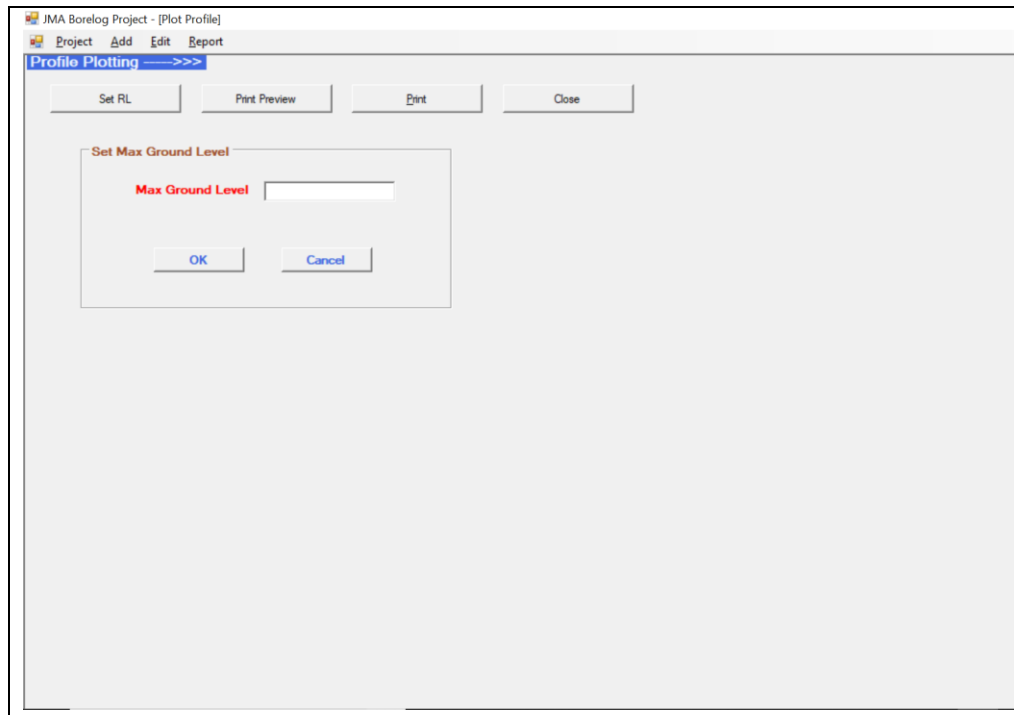
4. Form to Select Borehole Nos will appear
5. Select the Borehole Nos from list
6. Click on Add button
7. Selected Borehole Nos will be displayed in the right-side list



8. You can remove Borehole Nos by Selecting Borehole Nos and then clicking on Remove button
9. Add All and Remove All buttons will Add/Remove all Borehole Nos from list
10. Click on OK Button
11. Form will appear where you can View, Print Profile Report



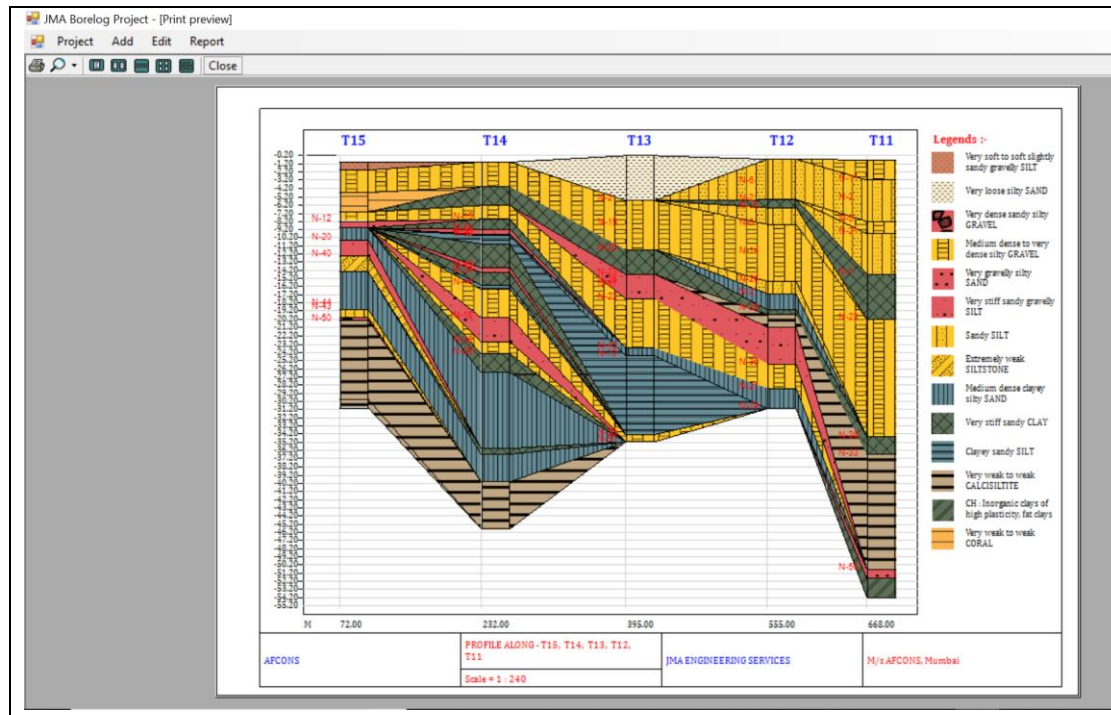
12. If you want to set RL
 - a. Click on Set RL button
 - b. Form to set RL will appear



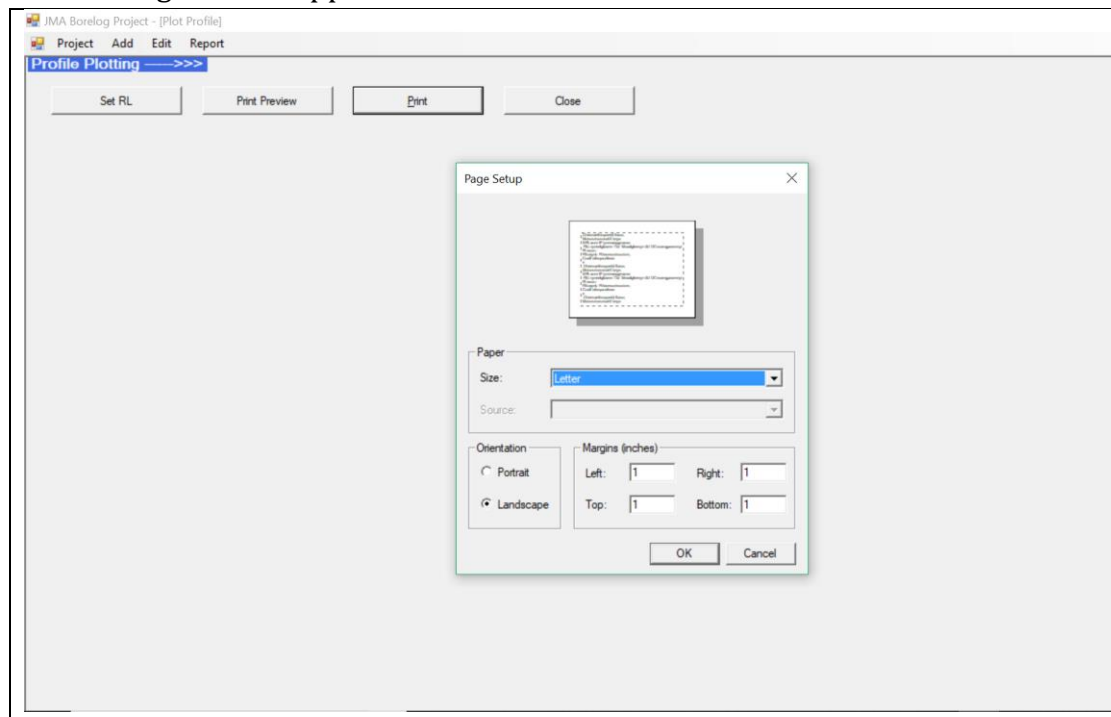
- c. Enter RL value
- d. Click on OK button

13. To View Profile Report

- a. Click on View Profile
- b. Profile Report will be displayed
- c. You can zoom to see the report



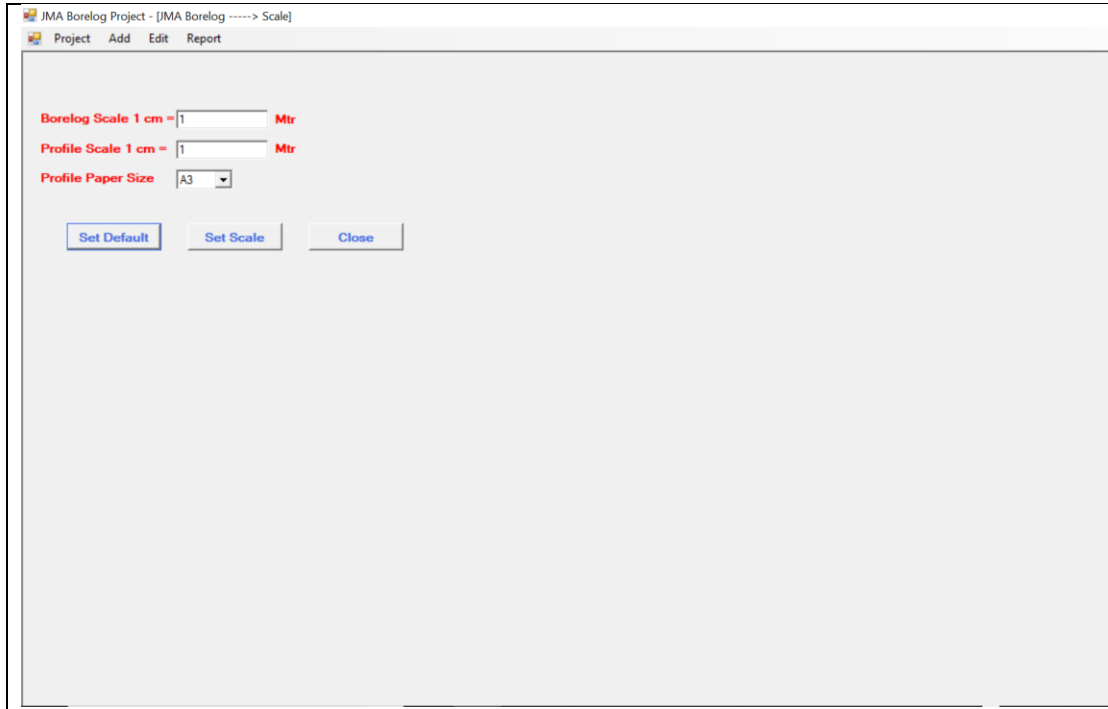
14. To Print Profile Report
15. Click on Print Profile
16. Print Dialog box will appear



17. Change Paper Setting to A3/A2 if its not set.
18. Click on Print Button
19. Your report is ready for use

C. To Change Scale and Paper Setting

1. Click on Report --- > Settings
2. Form to set Scale and Paper Size will Appear



3. Set the Borelog Scale if required
4. Set the Profile Scale if required
5. Change the Paper Settings if required
6. Click on Set Scale button
7. Scale is Set for Project
8. You can restore Scale to default settings by Clicking on Default button