[WebService APIs](#h.qbn6q8h2g1pr)

[LoginValidate](#h.fdk1c2ln9ouv)

[GetProjectBoreholeInfo](#h.tmns6z5dvyi9)

[GetAdminLookupValues](#h.zgzsy2gar7nq)

[GetLastDayBoreholeInfo](#h.ch0t36a11o1p)

[SaveBoreholeInfo](#h.fke8zbcrv22y)

Web URL for testing:

<http://203.211.146.160/borelog/Login.aspx>

# WebService APIs

ASMX: <http://203.211.146.160/borelogmobile/BoreholeLog.asmx>

The web service returns JSON data as

## LoginValidate

**Request**:

curl -i "http://203.211.146.160/borelogmobile/BoreholeLog.asmx/LoginValidate" -d "{\"UserID\":\"Supervisor1\",\"Password\":\"Supervisor1\"}" -H "Content-Type: application/json; charset=utf8"

**Response**:

{"d":"{\"Result\":{\"Response\":1,\"ErrorDesc\":\"\"},\"UserInfo\":{\"UserGUID\":\"054b0192-feec-4b24-8df2-6e15086e39a2\",\"UserName\":\"Supervisor1\",\"UserID\":\"Supervisor1\",\"UserEmail\":\"\",\"UserMobileNo\":\"\",\"UserRights\":\"SUPERVISOR\"}}"}

**Extracted JSON from Response:**

{

"Result": {

"Response": 1,

"ErrorDesc": ""

},

"UserInfo": {

"UserGUID": "054b0192-feec-4b24-8df2-6e15086e39a2",

"UserName": "Supervisor1",

"UserID": "Supervisor1",

"UserEmail": "",

"UserMobileNo": "",

"UserRights": "SUPERVISOR"

}

}

## GetProjectBoreholeInfo

$ curl -i "http://203.211.146.160/borelogmobile/BoreholeLog.asmx/GetProjectBoreholeInfo" -d "{\"UserGUID\":\"054b0192-feec-4b24-8df2-6e15086e39a2\"}" -H "Content-Type: application/json; charset=utf8"

{

"Result": {

<?xml version="1.0" encoding="UTF-8"?>  
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">  
<plist version="1.0">  
<dict>  
 <key>name</key>  
 <string>UploadImageFile</string>  
 <key>label</key>  
 <string>Attachment</string>  
 <key>type</key>  
 <string>image</string>  
</dict>  
</plist>  
 "Response": 1,

"ErrorDesc": ""

},

"ProjectInfoItemColl": [

{

"ProjectGUID": "0a3bd450-2f8d-488d-a160-1891cc12cc3f",

"ProjectName": "C2111E S.I Works From Woodland to Marina South 3/47",

"ProjectNo": "SIL/S0006/13/SI",

"BoreHoleInfoItemColl": [

{

"BoreholeNo": "5521"

}

]

},

{

"ProjectGUID": "2e23c089-0f98-478f-b277-caa8fba53547",

"ProjectName": "Site Investigation Works For Contract C2111E (B/05)",

"ProjectNo": "SIL/S0005/13/SI",

"BoreHoleInfoItemColl": [

{

"BoreholeNo": "01",

"BoreholeID": "1"

},

{

"BoreholeNo": "2"

},

{

"BoreholeNo": "3"

}

]

},

{

"ProjectGUID": "5238a863-1208-4ae2-9738-caf205362313",

"ProjectName": "Test Project 02 - Test",

"ProjectNo": "SIL/S0002/13/SI",

"BoreHoleInfoItemColl": [

{

"BoreholeNo": "01"

},

{

"BoreholeNo": "02"

}

]

},

{

"ProjectGUID": "aae68448-3186-43e8-9ab4-82e1ef74a428",

"ProjectName": "S.I Works From Woodland to Marina South (1/47)",

"ProjectNo": "SIL/S0007/13/SI",

"BoreHoleInfoItemColl": [

{

"BoreholeNo": "ST4195"

},

{

"BoreholeNo": "ST4196"

}

]

}

]

}

## GetAdminLookupValues

curl -i "http://203.211.146.160/borelogmobile/BoreholeLog.asmx/GetAdminLookupValues" -d "" -H "Content-Type: application/json; charset=utf8"

{

"Result": {

"Response": 1,

"ErrorDesc": ""

},

"AdminInfoItemColl": [

{

"ModuleName": "ActivityList",

"LookupValuesItemColl": [

{

"LookupValue1": "Start of Work",

"LookupValue2": "",

"LookupValue3": ""

},

{

"LookupValue1": "Inclement Weather",

"LookupValue2": "",

"LookupValue3": ""

},

{

"LookupValue1": "Installation",

"LookupValue2": "",

"LookupValue3": ""

},

{

"LookupValue1": "Lunchtime",

"LookupValue2": "",

"LookupValue3": ""

},

{

"LookupValue1": "Restart work",

"LookupValue2": "",

"LookupValue3": ""

},

{

"LookupValue1": "End of Work",

"LookupValue2": "",

"LookupValue3": ""

}

]

},

{

"ModuleName": "Aperture",

"LookupValuesItemColl": [

{

"LookupValue1": "Cavernous",

"LookupValue2": "",

"LookupValue3": ""

},

{

"LookupValue1": "Extremely Wide",

"LookupValue2": "",

"LookupValue3": ""

},

{

"LookupValue1": "Moderately Wide",

"LookupValue2": "",

"LookupValue3": ""

},

{

"LookupValue1": "Open",

"LookupValue2": "",

"LookupValue3": ""

},....

## GetLastDayBoreholeInfo

curl -i "http://203.211.146.160/borelogmobile/BoreholeLog.asmx/GetLastDayBoreholeInfo" -d "{\"ContractGUID\":\"5238a863-1208-4ae2-9738-caf205362313\", \"BoreholeNo\": \"02\"}" -H "Content-Type: application/json; charset=utf8"

{

"Result": {

"Response": 1,

"ErrorDesc": ""

},

"LastDayBHInfo": {

"ContractGUID": "5238a863-1208-4ae2-9738-caf205362313",

"BHGUID": "fb5d5928-2872-4cc5-ab32-c030f08a9cbb",

"BoreholeID": 10,

"ClientName": "Test Client",

"ProjectName": "Test Project 02 - Test",

"ProjectNo": "SIL/S0002/13/SI",

"ProjectManagerName": "Project Manager",

"SupervisorName": "Supervisor1",

"BoreholeNo": "01",

"BoreholeDate": "13/07/13",

"RigNo": "R11",

"DrillingMethod": "Percussion",

"DiameterofCasing": 300,

"DiameterofBorehole": 15,

"Northing": 0,

"Easting": 0,

"DrillerName": "Chan Chun Seng",

"AssistantName1": "John",

"AssistantName2": "",

"AssistantName3": "",

"AssistantName4": "",

"Remarks": "",

"TerminationDepth": 0,

"LastRecordDepth": 14,

"LastDayActivityLogItemColl": [

{

"StartTime": "09:00 AM",

"Activity": "Start of Work",

"TypeofInstallation": null,

"Depth": null

},

{

"StartTime": "12:15 PM",

"Activity": "Lunchtime",

"TypeofInstallation": null,

"Depth": null

},

{

"StartTime": "02:00 PM",

"Activity": "Restart work",

"TypeofInstallation": null,

"Depth": null

},

{

"StartTime": "06:30 PM",

"Activity": "End of Work",

"TypeofInstallation": null,

"Depth": null

}

],

"LastDayDrillingLogItemColl": [],

"LastDayInSituLogItemColl": [

{

"InsituType": "UD",

"Description": "UD1",

"Value1": 5,

"Value2": 0,

"Value3": 0,

"Value4": 0,

"Value5": 0,

"Value6": 0,

"Value7": 0,

"Value8": 0,

"Value9": 0,

"Total": 0,

"Penetration": 0,

"Recovery": 22

},

{

"InsituType": "Ground Water Observation",

"Description": "GW1",

"Value1": 11,

"Value2": 12,

"Value3": 13,

"Value4": 0,

"Value5": 0,

"Value6": 0,

"Value7": 0,

"Value8": 0,

"Value9": 0,

"Total": 0,

"Penetration": 0,

"Recovery": 0

},

{

"InsituType": "Ground Water Observation",

"Description": "GW2",

"Value1": 15,

"Value2": 16,

"Value3": 17,

"Value4": 0,

"Value5": 0,

"Value6": 0,

"Value7": 0,

"Value8": 0,

"Value9": 0,

"Total": 0,

"Penetration": 0,

"Recovery": 0

}

]

}

}

## SaveBoreholeInfo

curl -i "http://203.211.146.160/borelogmobile/BoreholeLog.asmx/SaveBoreholeInfo" -d "{ \"objSaveBoreholeInfoResult\": { \"Result\": { \"Response\": 0, \"ErrorDesc\": \"\" }, \"SaveBHInfo\": { \"ContractGUID\": \"5238a863-1208-4ae2-9738-caf205362313\", \"BHGUID\": \"\", \"RecordMode\": \"\", \"BoreholeID\": 11, \"BoreholeNo\": \"02\", \"BoreholeDate\": \"27/08/2013\", \"RigNo\": \"R11\", \"DrillingMethod\": \"Percussion\", \"DiameterofCasing\": 60, \"DiameterofBorehole\": 40, \"Northing\": 0.0, \"Easting\": 0.0, \"DrillerName\": \"khan\", \"AssistantName1\": \"John\", \"AssistantName2\": \"Peter\", \"AssistantName3\": \"\", \"AssistantName4\": \"\", \"Remarks\": \"None\", \"SIDJNO\": \"\", \"UploadImage\": \"\", \"CurrentUser\": \"054b0192-feec-4b24-8df2-6e15086e39a2\" } } }" -H "Content-Type: application/json; charset=utf8"

// see <http://203.211.146.160/borelogmobile/BoreholeLog.asmx?op=SaveBoreholeInfo>

{

"objSaveBoreholeInfoResult": {

"Result": {

"Response": 0,

"ErrorDesc": ""

},

"SaveBHInfo": {

"ContractGUID": "5238a863-1208-4ae2-9738-caf205362313",

"BHGUID": "",

"RecordMode": "",

"BoreholeID": 11,

"BoreholeNo": "02",

"BoreholeDate": "27/08/2013",

"RigNo": "R11",

"DrillingMethod": "Percussion",

"DiameterofCasing": 60,

"DiameterofBorehole": 40,

"Northing": 0,

"Easting": 0,

"DrillerName": "khan",

"AssistantName1": "John",

"AssistantName2": "Peter",

"AssistantName3": "",

"AssistantName4": "",

"Remarks": "None",

"SIDJNO": "",

"UploadImage": "",

"CurrentUser": "054b0192-feec-4b24-8df2-6e15086e39a2"

}

}

}

## SaveBoreHoleFile

Photos will be uploaded using the function SaveBoreHoleFile with 3 fields

a. FileString - the image data in base64 (Max 100KB)

b. FileGUID - a unique guid string created on the mobile side

c. FileMode - to be as follows:

c1. DJ - Daily Journal

c2. SP - Insitu Test SPT

c3. CR - Insitu Test CR

The FileUpload field in the SaveBorehole webservice to send the FileGUID from b so that server can do matching of image to the respective record.

curl -i "http://203.211.146.160/borelogmobile/BoreholeLog.asmx/SaveBoreholeFile" -d "{ \"FileString\": \"...base64 data...\", \"FileGUID\": \"BD3C6F10-E733-405E-BC01-61E3A12121211\", \"FileMode\": \"DJ\" }" -H "Content-Type: application/json; charset=utf8"