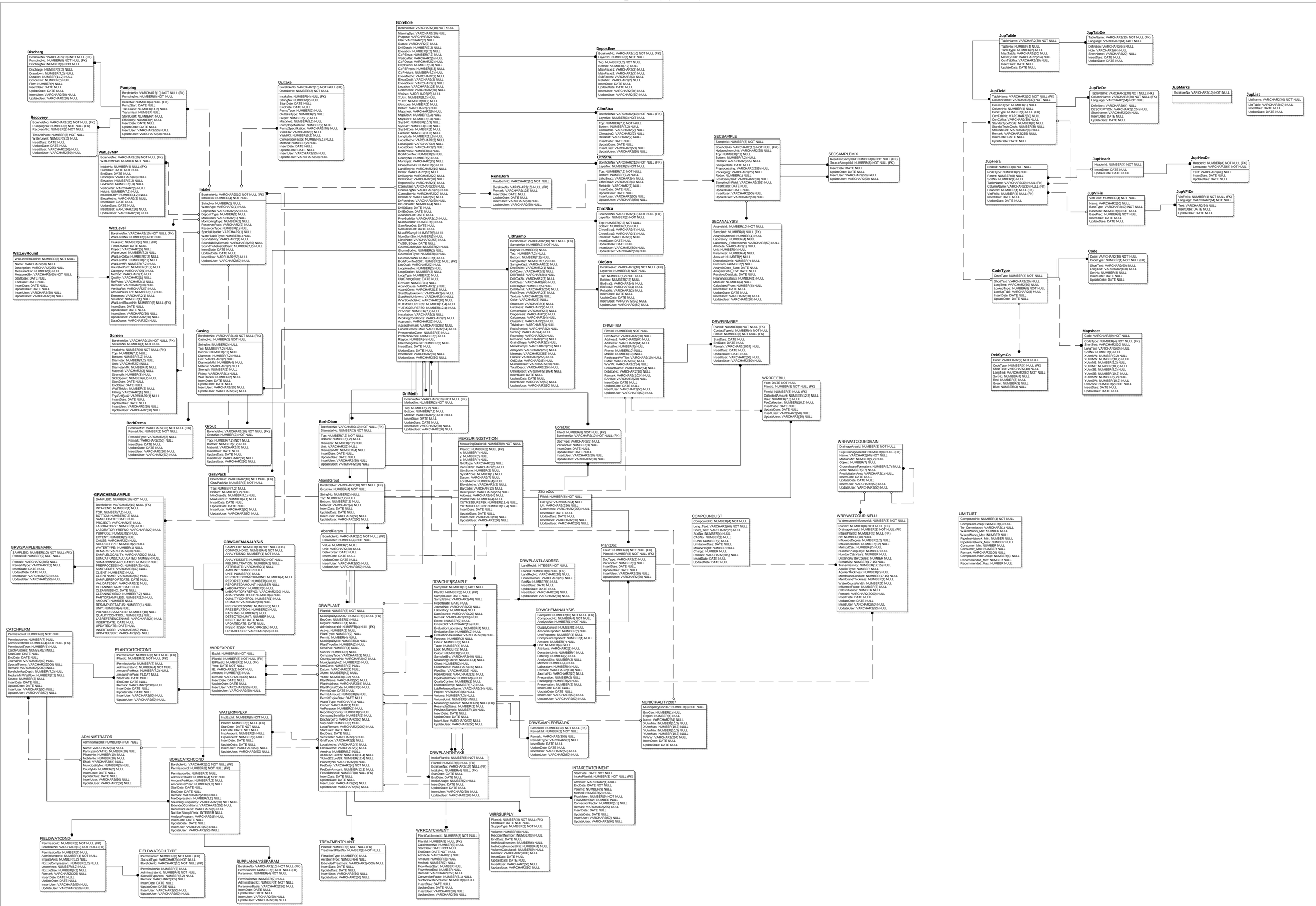
Discharg
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PumpingNo: NUMBER(8) NOT NULL (FK)
DischargeNo: NUMBER(8) NOT NULL
Discharge: NUMBER(7,2) NULL
Drawdown: NUMBER(7,2) NULL
Duration: NUMBER(11,2) NULL
Conductivit: NUMBER(*) NULL
Flow: NUMBER(*) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
Pumping
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PumpingNo: NUMBER(8) NOT NULL
IntakeNo: NUMBER(4) NULL (FK)
PumpStart: DATE NULL
TotDuration: NUMBER(11,2) NULL
Transmissi: NUMBER NULL
StoraCoeff: NUMBER(*) NULL
Efficiency: NUMBER(*) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
Recovery
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PumpingNo: NUMBER(8) NOT NULL (FK)
RecoveryNo: NUMBER(8) NOT NULL
TimeMNum: NUMBER(8) NOT NULL
WaterLevel: NUMBER(7,2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
Outtake
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
OuttakeNo: NUMBER(2) NOT NULL
IntakeNo: NUMBER(4) NULL (FK)
StringNo: NUMBER(2) NULL
StartDate: DATE NULL
EndDate: DATE NULL
PumpType: NUMBER(2) NULL
OuttakeType: NUMBER(2) NULL
Depth: NUMBER(7,2) NULL
MaxYield: NUMBER(5,2) NULL
PumpPipeMaterial: NUMBER(2) NULL
PumpSpecification: VARCHAR2(40) NULL
Yield4HA: VARCHAR2(8) NULL
YieldM3: NUMBER(5,2) NULL
ConversionFactor: NUMBER(5,1) NULL
Method: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
Borehole
BoreholeNo: VARCHAR2(10) NOT NULL
NamingSys: VARCHAR2(10) NULL
Purpose: VARCHAR2(2) NULL
Use: VARCHAR2(2) NULL
Status: VARCHAR2(2) NULL
DrillDepth: NUMBER(7,2) NULL
Elevation: NUMBER(7,2) NULL
CtrPElevat: NUMBER(7,2) NULL
VerticalRef: VARCHAR2(5) NULL
CtrPDescr: VARCHAR2(2) NULL
CtrpPrecis: NUMBER(5,3) NULL
CtrP2Precis: NUMBER(5,3) NULL
CtrPHeight: NUMBER(4,2) NULL
ElevaMetho: VARCHAR2(2) NULL
ElevaQual: VARCHAR2(2) NULL
ElevaSOurc: VARCHAR2(1) NULL
Location: VARCHAR2(128) NULL
Comments: VARCHAR2(80) NULL
Various: VARCHAR2(20) NULL
XUtm: NUMBER(9,2) NULL
YUtm: NUMBER(10,2) NULL
Utmzone: NUMBER(2) NULL
Datum: VARCHAR2(7) NULL
MapSheet: VARCHAR2(9) NULL
MapDistX: NUMBER(8,3) NULL
MapDistY: NUMBER(8,3) NULL
Sys34X: NUMBER(10,3) NULL
Sys34Y: NUMBER(10,3) NULL
Sys34Zone: NUMBER(1) NULL
Latitude: NUMBER(11,6) NULL
Longitude: NUMBER(11,6) NULL
LocatMetho: VARCHAR2(3) NULL
LocatQuali: VARCHAR2(2) NULL
LocatSOurc: VARCHAR2(2) NULL
BorHPosEC: NUMBER(4) NULL
BorHTowerHo: NUMBER(2) NULL
CountyNo: NUMBER(2) NULL
Municipal: VARCHAR2(25) NULL
HouseOwnAs: NUMBER(7) NULL
LandRegNo: VARCHAR2(10) NULL
Driller: VARCHAR2(18) NULL
DrillLogNo: VARCHAR2(20) NULL
DrillBorNo: VARCHAR2(20) NULL
ReportedBy: VARCHAR2(1) NULL
Consultant: VARCHAR2(20) NULL
ConsulLogNo: VARCHAR2(20) NULL
ConsulBorNo: VARCHAR2(20) NULL
DrilledFor: VARCHAR2(50) NULL
DrForAdres: VARCHAR2(50) NULL
DrForPostC: NUMBER(4) NULL
DrStDate: DATE NULL
DrEndDate: DATE NULL
AbandonDat: DATE NULL
PredEstNo: VARCHAR2(10) NULL
NumSupBor: NUMBER(3) NULL
SamRecDat: DATE NULL
SamDescDat: DATE NULL
NumCtSamp: NUMBER(3) NULL
NumSamSin: NUMBER(3) NULL
LithsNote: VARCHAR2(255) NULL
TiGEUSDate: DATE NULL
GrumsCountyNo: NUMBER(2) NULL
GrumsBorNo: NUMBER(2) NULL
GrumsBorType: NUMBER(8) NULL
GrumsArealNo: NUMBER(4) NULL
BorHTowerNo2007: NUMBER(8) NULL (FK)
LocQual: VARCHAR(2) NULL
LoopArealNo: NUMBER(2) NULL
LoopStation: NUMBER(2) NULL
LoopType: NUMBER(2) NULL
UseChangeDate: DATE NULL
EnvCen: NUMBER(1) NULL
AbandCause: VARCHAR(1) NULL
AbandContr: VARCHAR(18) NULL
StartDayUnknown: VARCHAR(4) NULL
StartMnthUnknown: VARCHAR(4) NULL
WWBoreholeNo: VARCHAR(20) NULL
XUTM32EUREF89: NUMBER(11,4) NULL
YUTM32EUREF89: NUMBER(12,4) NULL
ZDVR90: NUMBER(7,2) NULL
Installation: VARCHAR(2) NULL
WorkingConditions: VARCHAR(2) NULL
Approach: VARCHAR(2) NULL
AccessRemark: VARCHAR(255) NULL
LocatePersonEMail: VARCHAR(64) NULL
PreservationZone: NUMBER(5) NULL
ProtectionZone: NUMBER(5) NULL
Region: NUMBER(4) NULL
UseChangeCause: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR(50) NULL
UpdateUser: VARCHAR(50) NULL
DeposEnv
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
LayerNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
MainFace1: VARCHAR2(2) NULL
MainFace2: VARCHAR2(2) NULL
SubFacies: VARCHAR2(3) NULL
Reliabilit: VARCHAR(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
ClimStra
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
LayerNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
Climastra1: VARCHAR2(2) NULL
Climastra2: VARCHAR2(2) NULL
Reliabilit: VARCHAR(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
LithStra
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
LayerNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
LithoStra1: VARCHAR2(4) NULL
LithoStra2: VARCHAR2(4) NULL
Reliabilit: VARCHAR(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
ChroStra
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
LayerNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
ChronStra1: VARCHAR2(4) NULL
ChronStra2: VARCHAR2(4) NULL
Reliabilit: VARCHAR(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
BioStra
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
LayerNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
BioStra1: VARCHAR2(4) NULL
BioStra2: VARCHAR2(4) NULL
Reliabilit: VARCHAR(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
SECSAMPLE
SampleId: NUMBER(8) NOT NULL
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
HydgeochemUnit: VARCHAR2(25) NULL
Top: NUMBER(7,2) NULL
Bottom: NUMBER(7,2) NULL
Remark: VARCHAR2(255) NULL
SampleDate: DATE NULL
Preprocessing: VARCHAR2(255) NULL
Packaging: VARCHAR2(25) NULL
Redox: NUMBER(1) NULL
LocalSampleId: VARCHAR2(50) NULL
SamplingInfield: VARCHAR2(255) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
SECSAMPLEMIX
ResultantSampleId: NUMBER(8) NOT NULL (FK)
SourceSampleId: NUMBER(8) NOT NULL (FK)
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
SECANALYSIS
AnalysisId: NUMBER(10) NOT NULL
SampleId: NUMBER(8) NULL (FK)
AnalysisMethod: NUMBER(4) NULL
Laboratory: NUMBER(4) NULL
Laboratory_ReferenceNo: VARCHAR2(50) NULL
Attribute: VARCHAR2(1) NULL
Unit: NUMBER(4) NULL
Amount: NUMBER(4) NULL
Amount_Remark: NUMBER(*) NULL
Detection_Limit: NUMBER(*) NULL
Precision: NUMBER(*) NULL
AnalysisDate_Start: DATE NULL
AnalysisDate_End: DATE NULL
ReceivedDateLabs: DATE NULL
RemarkStatus: NUMBER(1) NULL
Method: NUMBER(4) NULL
CalculationFormula: NUMBER(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
JupTable
TableName: VARCHAR2(30) NOT NULL
TableNo: NUMBER(4) NULL
TableType: NUMBER(2) NULL
MastTable: VARCHAR2(30) NULL
MastKyFlds: VARCHAR2(254) NULL
CorrTabNa: VARCHAR2(30) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupTabDe
TableName: VARCHAR2(30) NOT NULL (FK)
Language: VARCHAR2(64) NOT NULL
Definition: VARCHAR2(64) NULL
Note: VARCHAR2(64) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupField
TableName: VARCHAR2(30) NOT NULL (FK)
ColumnName: VARCHAR2(30) NOT NULL
ColumnType: NUMBER(1) NULL
ColumnNo: NUMBER(4) NULL
CodeType: NUMBER(4) NULL (FK)
CorrTabNa: VARCHAR2(30) NULL
CorrColNa: VARCHAR2(30) NULL
StandaTypeCode: NUMBER(8) NULL
StandaTopoCode: NUMBER(8) NULL
StdCodeList: VARCHAR2(8) NULL
Remark: VARCHAR2(255) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupFieDe
TableName: VARCHAR2(30) NOT NULL (FK)
ColumnName: VARCHAR2(30) NOT NULL (FK)
Language: VARCHAR2(64) NOT NULL
Definition: VARCHAR2(64) NULL
DESCRIPTION: VARCHAR2(1024) NULL
ShortName: VARCHAR2(20) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupMarks
BoreholeNo: VARCHAR2(10) NOT NULL
JupList
ListName: VARCHAR2(40) NOT NULL
ListTable: VARCHAR2(40) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupHiera
Nodeid: NUMBER(8) NOT NULL
NodeType: NUMBER(2) NULL
Parent: NUMBER(8) NULL
Sortho: NUMBER(4) NULL
TableName: VARCHAR2(30) NULL (FK)
ColumnName: VARCHAR2(30) NULL (FK)
Headerid: NUMBER(4) NULL (FK)
VirtField: NUMBER(4) NULL (FK)
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupHeadr
Headerid: NUMBER(4) NOT NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupHeaDe
Headerid: NUMBER(4) NOT NULL (FK)
Language: VARCHAR2(64) NOT NULL
Text: VARCHAR2(64) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupVFiIe
VirtField: NUMBER(4) NOT NULL
Name: VARCHAR2(30) NULL
BaseType: VARCHAR2(40) NOT NULL
BaseSize: NUMBER(8) NOT NULL
BasePrec: NUMBER(8) NOT NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupVFiDe
VirtField: NUMBER(4) NOT NULL (FK)
Language: VARCHAR2(64) NOT NULL
Text: VARCHAR2(64) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
CodeType
CodeType: NUMBER(4) NOT NULL
ShortText: VARCHAR2(20) NULL
LongText: VARCHAR2(60) NULL
LookupType: NUMBER(8) NOT NULL
LookUpTable: VARCHAR2(39) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
Code
Code: VARCHAR2(40) NOT NULL
CodeType: NUMBER(4) NOT NULL (FK)
ShortText: VARCHAR2(60) NULL
LongText: VARCHAR2(400) NULL
SortNo: NUMBER(8) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
Mapsheet
Code: VARCHAR2(9) NOT NULL
CodeType: NUMBER(4) NOT NULL (FK)
ShortText: VARCHAR2(20) NULL
LongText: VARCHAR2(60) NULL
SortNo: NUMBER(4) NULL
YUtmNW: NUMBER(9,2) NULL
YUtmNW: NUMBER(10,2) NULL
XUtmNE: NUMBER(9,2) NULL
YUtmNE: NUMBER(10,2) NULL
XUtmSE: NUMBER(9,2) NULL
YUtmSE: NUMBER(10,2) NULL
XUtmSW: NUMBER(9,2) NULL
YUtmSW: NUMBER(10,2) NULL
UtmZone: NUMBER(2) NOT NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
RckSymCo
Code: VARCHAR2(2) NOT NULL
CodeType: NUMBER(4) NULL (FK)
ShortText: VARCHAR2(40) NULL
LongText: VARCHAR2(80) NOT NULL
SortNo: NUMBER(4) NULL
Red: NUMBER(3) NULL
Green: NUMBER(3) NULL
Blue: NUMBER(3) NULL
WatLevMP
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
WatLevMPNo: NUMBER(8) NOT NULL
IntakeNo: NUMBER(4) NULL (FK)
StartDate: DATE NOT NULL
EndDate: DATE NULL
Descriptio: VARCHAR2(60) NULL
Elevation: NUMBER(7,2) NULL
LevPrecis: NUMBER(5,3) NULL
VerticalRef: VARCHAR2(5) NULL
Height: NUMBER(7,2) NULL
mUnderCtrP: NUMBER(4,2) NULL
ElevaMetho: VARCHAR2(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
Intake
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
IntakeNo: NUMBER(4) NOT NULL
StringNo: NUMBER(2) NULL
WaterAge: VARCHAR2(1) NULL
DepositNo: VARCHAR2(2) NULL
DeposIType: NUMBER(2) NULL
MainClass: VARCHAR2(1) NULL
MonitoringType: NUMBER(2) NULL
ReservoirRock: VARCHAR2(2) NULL
ReservoirType: NUMBER(1) NULL
SpecialLiabIlle: VARCHAR2(1) NULL
WaterTableType: NUMBER(1) NULL
SoundabiIity: VARCHAR2(6) NULL
SoundabiIityRemark: VARCHAR2(255) NULL
SoursTubesinstalled: NUMBER(7,2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
RenaBorh
PrevBorHo: VARCHAR2(10) NOT NULL
BoreholeNo: VARCHAR2(10) NULL (FK)
Remark: VARCHAR2(128) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
WatLevel
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
WatLevelNo: NUMBER(8) NOT NULL
IntakeNo: NUMBER(4) NULL (FK)
TimeOfMeas: DATE NULL
Project: VARCHAR2(50) NULL
WaterLevel: NUMBER(7,2) NULL
WatLevGrSu: NUMBER(7,2) NULL
WatLevMSL: NUMBER(7,2) NULL
WatLevMP: NUMBER(7,2) NULL
HoursNoPum: NUMBER(11,2) NULL
Category: VARCHAR2(80) NULL
Method: VARCHAR2(1) NULL
Quality: VARCHAR2(1) NULL
RefPoint: VARCHAR(1) NULL
Remark: VARCHAR2(80) NULL
VerticalRef: VARCHAR(7) NULL
AirmsPressinPa: NUMBER(5,1) NULL
Extremes: VARCHAR2(1) NULL
Situation: NUMBER(1) NULL
WatLevelRoundNo: NUMBER(8) NULL (FK)
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
DataOwner: VARCHAR2(2) NULL
WatLevRound
WatLevelRoundNo: NUMBER(8) NOT NULL
Name: VARCHAR2(55) NULL
Description: VARCHAR2(255) NULL
MeasureFor: NUMBER(2) NULL
MeasureBy: VARCHAR2(80) NOT NULL
StartDate: DATE NULL
EndDate: DATE NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
Screen
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
ScreenNo: NUMBER(4) NOT NULL
IntakeNo: NUMBER(4) NOT NULL (FK)
Top: NUMBER(7,2) NULL
Bottom: NUMBER(7,2) NULL
Diameter: NUMBER(7,2) NULL
Diameter: NUMBER(7,2) NULL
Unit: VARCHAR2(2) NULL
DiameterMat: NUMBER(4) NULL
Material: VARCHAR(2) NULL
Strength: NUMBER(3) NULL
SlotOpenin: NUMBER(6,2) NULL
StartDate: DATE NULL
EndDate: DATE NULL
WallThickn: NUMBER(2) NULL
Fitting: VARCHAR2(1) NULL
TopBotQual: VARCHAR(1) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
Casing
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
CasingNo: NUMBER(2) NOT NULL
StringNo: NUMBER(2) NULL
Top: NUMBER(7,2) NULL
Bottom: NUMBER(7,2) NULL
Diameter: NUMBER(7,2) NULL
Unit: VARCHAR(2) NULL
DiameterMat: NUMBER(4) NULL
Material: VARCHAR(2) NULL
Strength: NUMBER(3) NULL
Fitting: VARCHAR(1) NULL
WallThickn: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
DrillMeth
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
MethodNo: NUMBER(2) NOT NULL
Top: NUMBER(7,2) NULL
Bottom: NUMBER(7,2) NULL
Method: VARCHAR(2) NOT NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
LithSamp
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
SampleNo: NUMBER(3) NOT NULL
BagNo: NUMBER(5) NULL
Top: NUMBER(7,2) NULL
Bottom: NUMBER(7,2) NULL
SampleDep: NUMBER(7,2) NULL
SampleKept: VARCHAR2(1) NULL
DepEstim: VARCHAR2(1) NULL
DrillColor: VARCHAR(15) NULL
DrillRoot1: VARCHAR2(6) NULL
DrillCoSb: VARCHAR2(2) NULL
DrillDescr: VARCHAR2(64) NULL
DrillBagNo: NUMBER(5) NULL
DrillRemrk: VARCHAR2(254) NULL
RockType: VARCHAR2(3) NULL
Texture: VARCHAR2(3) NULL
Color: VARCHAR2(5) NULL
Structure: VARCHAR2(6) NULL
Hardness: VARCHAR2(2) NULL
Cementatio: VARCHAR2(2) NULL
Diagenesis: VARCHAR2(6) NULL
Calcareous: VARCHAR2(6) NULL
Classifica: VARCHAR2(3) NULL
Trivialnam: VARCHAR2(3) NULL
RockSymbol: VARCHAR2(2) NULL
Sorting: VARCHAR2(4) NULL
Rounding: VARCHAR2(3) NULL
MineralSym: VARCHAR2(3) NULL
GrainShape: VARCHAR2(2) NULL
MinorComps: VARCHAR2(255) NULL
Analyses: VARCHAR2(255) NULL
Minerals: VARCHAR2(255) NULL
Fossils: VARCHAR2(255) NULL
OldColor: VARCHAR2(5) NULL
MunsellColor: VARCHAR2(15) NULL
TotalDescr: VARCHAR2(254) NULL
OtherDescr: VARCHAR2(1024) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
DRWFIRM
FirmId: NUMBER(8) NOT NULL
FirmName: VARCHAR2(50) NULL
Address1: VARCHAR2(64) NULL
Address2: VARCHAR2(64) NULL
PostalNo: NUMBER(6) NULL
Phone: NUMBER(10) NULL
Mobile: NUMBER(10) NULL
ParticipantVATno: VARCHAR2(10) NULL
EMail: VARCHAR2(64) NULL
WWW: VARCHAR2(254) NULL
ContactName: VARCHAR2(64) NULL
DebtorNo: VARCHAR2(20) NULL
Remark: VARCHAR2(1024) NULL
EANNo: VARCHAR2(20) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
DRWFIRMREF
FirmId: NUMBER(8) NOT NULL (FK)
ContactTypeId: NUMBER(4) NOT NULL
FirmId: NUMBER(8) NOT NULL (FK)
StartDate: DATE NULL
EndDate: DATE NULL
Remark: VARCHAR2(1024) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
WRRFEEBILL
Year: DATE NOT NULL
PlantId: NUMBER(8) NOT NULL (FK)
FirmId: NUMBER(8) NULL (FK)
CollectedAmount: NUMBER(12,3) NULL
Rate: NUMBER(7,3) NULL
FeeCollection: NUMBER(10,2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
BorHRema
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
RemarkNo: NUMBER(2) NOT NULL
RemarkType: VARCHAR(2) NULL
Remark: VARCHAR(255) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
Grout
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
GroutNo: NUMBER(2) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
Material: VARCHAR2(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
BorHDiam
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
DiameterNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
Diameter: NUMBER(7,2) NULL
Unit: VARCHAR(2) NULL
DiameterMat: NUMBER(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
MEASURINGSTATION
MeasuringStationId: NUMBER(9) NOT NULL
MeasuringStationNo: NUMBER(8) NULL (FK)
x: NUMBER(*) NULL
y: NUMBER(*) NULL
z: NUMBER(*) NULL
GridType: VARCHAR2(3) NULL
VerticalRef: VARCHAR2(5) NULL
UtmZone: NUMBER(2) NULL
Sys34Zone: NUMBER(1) NULL
Datum: VARCHAR2(7) NULL
LocatMetho: NUMBER(4) NULL
ElevaMetho: VARCHAR2(2) NULL
Description: VARCHAR2(255) NULL
Address: VARCHAR2(64) NULL
PostalCode: NUMBER(4) NULL
XUTM32EUREF89: NUMBER(11,4) NULL
YUTM32EUREF89: NUMBER(12,4) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
BoreDoc
Filed: NUMBER(8) NOT NULL (FK)
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
DocType: VARCHAR2(2) NULL
VersionNo: NUMBER(3) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
WRRWATCOURDRAIN
DrainageAreald: NUMBER(8) NOT NULL
SupDrainageAreald: NUMBER(8) NULL (FK)
Name: VARCHAR2(64) NOT NULL
MedianMin: NUMBER(9,2) NULL
Object: NUMBER(7) NULL
GroundwaterFormation: NUMBER(9,7) NULL
Area: NUMBER(9,7) NULL
PrecipitationArea: VARCHAR2(1) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
GrouteDoc
Filed: NUMBER(8) NOT NULL
FileType: VARCHAR2(4) NULL
Uri: VARCHAR2(256) NULL
Comments: VARCHAR2(255) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
COMPOUNDLIST
CompoundNo: NUMBER(4) NOT NULL
Long_Text: VARCHAR2(80) NOT NULL
Short_Text: VARCHAR2(20) NULL
SortNo: NUMBER(4) NULL
CASNo: NUMBER(9) NULL
EUNo: NUMBER(7) NULL
LimitationDate: DATE NULL
MolarWeight: NUMBER NULL
Charge: NUMBER NULL
Remark: VARCHAR2(305) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
WRRWATCOURINFLU
WatercourseInfluenced: NUMBER(8) NOT NULL
Plantid: NUMBER(8) NOT NULL (FK)
DrainageAreald: NUMBER(8) NOT NULL (FK)
IntakePlantid: NUMBER(8) NULL (FK)
No: NUMBER(10) NULL
InfluenceDegree: NUMBER(3,2) NULL
InfluenceDistrib: NUMBER(3,2) NULL
MethodCalc: NUMBER(7) NULL
NumberPumpDays: NUMBER NULL
NumberCalcYears: NUMBER NULL
DistanceWaterCourse: NUMBER NULL
Storativity: NUMBER(17,15) NULL
Transmissivity: NUMBER(17,15) NULL
AquiferType: NUMBER NULL
AquiferThickness: NUMBER(7) NULL
MembraneConduct: NUMBER(17,15) NULL
MembraneThickness: NUMBER(7) NULL
WaterCourseWidth: NUMBER(7) NULL
InfluenceFactor: NUMBER(7) NULL
CalcInfluence: NUMBER NULL
Remark: VARCHAR2(2000) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
LIMITLIST
CompoundNo: NUMBER(4) NOT NULL
CompoundGroup: NUMBER(4) NULL
To_Commission: VARCHAR2(1) NULL
WaterWorks_Min: NUMBER NULL
WaterWorks_Max: NUMBER NULL
PipelineNetwork_Min: NUMBER NULL
PipelineNetwork_Max: NUMBER NULL
Consumer_Min: NUMBER NULL
Consumer_Max: NUMBER NULL
Remark: VARCHAR2(100) NULL
CompoundUnderGroup: NUMBER(4) NULL
Recommended_Min: NUMBER NULL
Recommended_Max: NUMBER NULL
GravPack
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
GravPackNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NULL
Bottom: NUMBER(7,2) NULL
MinGrainSz: NUMBER(4,1) NULL
MaxGrainSz: NUMBER(4,1) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
AbandGrout
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
GroutNo: NUMBER(4) NOT NULL
StringNo: NUMBER(2) NULL
Top: NUMBER(7,2) NULL
Bottom: NUMBER(7,2) NULL
Material: VARCHAR2(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
AbandParam
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
Parameter: NUMBER(4) NOT NULL
Value: NUMBER(*) NULL
Unit: VARCHAR2(30) NULL
DetectVar: DATE NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
GRWCHEMSAMPLE
SAMPLEID: NUMBER(10) NOT NULL
INTAKENO: NUMBER(4) NULL
TOP: NUMBER(7,2) NULL
BOTTOM: NUMBER(7,2) NULL
SAMPLEDATE: DATE NULL
PROJECT: VARCHAR2(6) NULL
LABORATORY: NUMBER(4) NULL
LABORATORYREFNO: VARCHAR2(20) NULL
PURPOSE: NUMBER(2) NULL
EXTENT: NUMBER(2) NULL
CAUSE: VARCHAR2(2) NULL
SOURCETYPE: NUMBER(2) NULL
WATERTYPE: NUMBER(1) NULL
REMARK: VARCHAR2(80) NULL
SAMPLEOCALITY: VARCHAR2(20) NULL
SUMCATIONSCALCULATED: NUMBER NULL
SUMANIONSCALCULATED: NUMBER NULL
PREPROCESSING: NUMBER(2) NULL
SAMPLEDBY: VARCHAR2(40) NULL
CLIENT: NUMBER(2) NULL
CLIENTNAME: VARCHAR2(80) NULL
SAMPLEREPORTDATE: DATE NULL
VALIDATEDBY: VARCHAR2(3) NULL
CLEANINGSTART: DATE NULL
CLEANINGEND: DATE NULL
CLEANINGYIELD: NUMBER(7,2) NULL
PARTOFSAMPLED: NUMBER(10) NULL
AMOUNT: NUMBER NULL
RESAMPLESTATUS: NUMBER(1) NULL
UNIT: NUMBER(4) NULL
PREVIOUSSAMPLEID: NUMBER(10) NULL
QUALITYCONTROL: NUMBER(1) NULL
LABREFERENCENAME: VARCHAR2(24) NULL
INSERTDATE: DATE NULL
UPDATEDATE: DATE NULL
INSERTUSER: VARCHAR2(50) NULL
UPDATEUSER: VARCHAR2(50) NULL
GRWCHEMANALYSIS
SAMPLEID: NUMBER(10) NOT NULL (FK)
COMPOUNDNO: NUMBER(4) NOT NULL
ANALYSISNO: NUMBER(1) NOT NULL
ANALYSISSITE: NUMBER(2) NOT NULL
FIELDFILTRATION: NUMBER(2) NULL
ATTRIBUTE: VARCHAR2(1) NULL
AMOUNT: NUMBER NULL
UNIT: NUMBER(4) NULL
REPORTEDCOMPOUNDNO: NUMBER(4) NULL
REPORTEDUNIT: NUMBER(4) NULL
REPORTEDAMOUNT: NUMBER NULL
LABORATORY: NUMBER(4) NULL
LABORATORYREFNO: VARCHAR2(20) NULL
ANALYSISMETHOD: NUMBER(4) NULL
QUALITYCONTROL: NUMBER(1) NULL
REMARK: VARCHAR2(80) NULL
PREPROCESSING: NUMBER(2) NULL
PRESERVATION: NUMBER(2) NULL
PACKING: NUMBER(2) NULL
DETECTIONLIMIT: NUMBER NULL
INSERTDATE: DATE NULL
UPDATEDATE: DATE NULL
INSERTUSER: VARCHAR2(50) NULL
UPDATEUSER: VARCHAR2(50) NULL
GRWSAMPLEREMARK
SAMPLEID: NUMBER(10) NOT NULL (FK)
RemarkId: NUMBER(2) NOT NULL
Remark: VARCHAR2(305) NULL
RemarkType: VARCHAR2(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
PlantDoc
Filed: NUMBER(8) NOT NULL (FK)
Plantid: NUMBER(8) NOT NULL (FK)
DocType: VARCHAR2(2) NULL
VersionNo: NUMBER(3) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2(50) NULL
DRWPLANTLANDREG
LandRegId: INTEGER NOT NULL
Plantid: NUMBER(8) NULL (FK)
LandRegNo: VARCHAR2(25) NULL
HouseOwnAs: VARCHAR2(20) NULL
SortNo: NUMBER(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
InsertUser: VARCHAR2(50) NULL
UpdateUser: VARCHAR2