Discharg
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PumpingNo: NUMBER(8) NOT NULL (FK)
DischargNo: NUMBER(8) NOT NULL
Discharge: NUMBER(7,2) NULL
Drawdown: NUMBER(7,2) NULL
Duration: NUMBER(11,2) NULL
Conductivi: NUMBER(*) NULL
Flow: NUMBER(*) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
Pumping
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PumpingNo: NUMBER(8) NOT NULL
IntakeNo: NUMBER(4) NULL (FK)
PumpStart: DATE NULL
TotDuratio: NUMBER(11,2) NULL
Transmissi: NUMBER NULL
StoraCoeff: NUMBER(*) NULL
Efficiency: NUMBER(*) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
Recovery
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PumpingNo: NUMBER(8) NOT NULL (FK)
RecoveryNo: NUMBER(8) NOT NULL
TimeAftPum: NUMBER(8) NOT NULL
WaterLevel: NUMBER(7,2) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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
PumpSpecifikation: VARCHAR2(40) NULL
YieldHA: VARCHAR2(8) NULL
YieldM3: NUMBER(5,2) NULL
ConversionFactor: NUMBER(5,1) NULL
Method: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
WatLevMP
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
WatLevMPNo: NUMBER 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
VerticaRef: VARCHAR2(5) NULL
Height: NUMBER(7,2) NULL
mUnderCtrP: NUMBER(4,2) NULL
ElevaMetho: VARCHAR2(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
Intake
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
IntakeNo: NUMBER(4) NOT NULL
StringNo: NUMBER(2) NULL
WaterAge: VARCHAR2(1) NULL
DepositNo: VARCHAR2(22) NULL
DepositType: NUMBER(2) NULL
MainClass: VARCHAR2(1) NULL
MonitoringType: NUMBER(2) NULL
ReservoirRock: VARCHAR2(2) NULL
ReservoirType: NUMBER(1) NULL
SpecialUsable: VARCHAR2(1) NULL
WaterTableType: NUMBER(1) NULL
Soundability: VARCHAR2(4) NULL
SoundabilityRemark: VARCHAR2(255) NULL
SoundTubeInsideDiam: NUMBER(7,2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
WatLevel
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
WatLevelNo: NUMBER(8) NOT NULL
IntakeNo: NUMBER(4) NULL (FK)
TimeOfMeas: DATE NULL
Project: VARCHAR2(5) 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(1) NULL
Method: VARCHAR2(1) NULL
Quality: VARCHAR2(1) NULL
RefPoint: VARCHAR2(1) NULL
Remark: VARCHAR2(60) NULL
VerticaRef: VARCHAR2(7) NULL
AtmosPressHPa: NUMBER(5,1) NULL
Extremes: VARCHAR2(1) NULL
Situation: NUMBER(1) NULL
WatLevelRoundNo: NUMBER(8) NULL (FK)
InsertDate: DATE NULL
UpdateDate: DATE NULL
WatLevRound
WatLevelRoundNo: NUMBER(8) NOT NULL
Name: VARCHAR2(50) NULL
Description: VARCHAR2(255) NULL
MeasuredFor: NUMBER(4) NULL
MeasuredBy: VARCHAR2(60) NOT NULL
StartDate: DATE NULL
EndDate: DATE NULL
InsertDate: DATE NULL
UpdateDate: DATE 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
Unit: VARCHAR2(2) NULL
DiameterMM: NUMBER(4) NULL
Material: VARCHAR2(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
TopBotQuali: VARCHAR2(1) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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: VARCHAR2(2) NULL
DiameterMM: NUMBER(4) NULL
Material: VARCHAR2(2) NULL
Strength: NUMBER(3) NULL
Fitting: VARCHAR2(1) NULL
WallThickn: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
BorhRema
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
RemarkNo: NUMBER(2) NOT NULL
RemarkType: VARCHAR2(2) NULL
Remark: VARCHAR2(255) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
Grout
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
GroutNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
Material: VARCHAR2(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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
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
CtrPEleva: NUMBER(7,2) NULL
VerticaRef: VARCHAR2(5) NULL
CtrPDescr: VARCHAR2(2) NULL
CtrpPrecis: NUMBER(5,3) NULL
CtrPZPrecis: NUMBER(5,3) NULL
CtrPHeight: NUMBER(4,2) NULL
ElevaMetho: VARCHAR2(2) NULL
ElevaQuali: VARCHAR2(2) NULL
ElevaSourc: VARCHAR2(1) NULL
Location: VARCHAR2(128) NULL
Comments: VARCHAR2(60) 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
BorhPostC: NUMBER(4) NULL
BorhTownNo: NUMBER(3) 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
ConsuLogNo: VARCHAR2(20) NULL
ConsuBorNo: VARCHAR2(20) NULL
DrilledFor: VARCHAR2(50) NULL
DrForAdres: VARCHAR2(50) NULL
DrForPostC: NUMBER(4) NULL
DrilStDate: DATE NULL
DrilEnDate: DATE NULL
AbandonDat: DATE NULL
PrevBorhNo: VARCHAR2(10) NULL
NumSuplBor: NUMBER(3) NULL
SamReceDat: DATE NULL
SamDescDat: DATE NULL
NumOfSampl: NUMBER(3) NULL
NumSamSto: NUMBER(3) NULL
LitholNote: VARCHAR2(255) NULL
ToGEUSDate: DATE NULL
GrumoCountyNo: NUMBER(2) NULL
GrumoBorNo: NUMBER(2) NULL
GrumoBorType: NUMBER(4) NULL
GrumoAreaNo: NUMBER(4) NULL
BorhTownNo2007: NUMBER(3) NULL (FK)
LocQuali: VARCHAR2(2) NULL
LoopAreaNo: NUMBER(2) NULL
LoopStation: NUMBER(2) NULL
LoopType: NUMBER(2) NULL
UseChangeDate: DATE NULL
EnvCen: NUMBER(1) NULL
AbandCause: VARCHAR2(1) NULL
AbandContr: VARCHAR2(18) NULL
StartDayUnknown: VARCHAR2(4) NULL
StartMnthUnknwn: VARCHAR2(4) NULL
WWBoreholeNo: VARCHAR2(20) NULL
XUTM32EUREF89: NUMBER(11,4) NULL
YUTM32EUREF89: NUMBER(12,4) NULL
ZDVR90: NUMBER(7,2) NULL
Installation: VARCHAR2(2) NULL
WorkingConditions: VARCHAR2(2) NULL
Approach: VARCHAR2(2) NULL
AccessRemark: VARCHAR2(255) NULL
LocatePersonEMail: VARCHAR2(64) NULL
PreservationZone: NUMBER(5) NULL
ProtectionZone: NUMBER(5) NULL
Region: NUMBER(4) NULL
UseChangeCause: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
DrilMeth
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
MethodNo: NUMBER(2) NOT NULL
Top: NUMBER(7,2) NULL
Bottom: NUMBER(7,2) NULL
Method: VARCHAR2(2) NOT NULL
InsertDate: DATE NULL
UpdateDate: DATE 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: VARCHAR2(2) NULL
DiameterMM: NUMBER(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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
AbandParam
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
Parameter: NUMBER(4) NOT NULL
Value: NUMBER(*) NULL
Unit: VARCHAR2(20) NULL
DetectYear: DATE NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
DeposEnv
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
LayerNo: NUMBER(3) NOT NULL
Top: NUMBER(7,2) NOT NULL
Bottom: NUMBER(7,2) NULL
MainFacie1: VARCHAR2(3) NULL
MainFacie2: VARCHAR2(3) NULL
SubFacies: VARCHAR2(3) NULL
Reliabilit: VARCHAR2(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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: VARCHAR2(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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: VARCHAR2(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
RenaBorh
PrevBorhNo: VARCHAR2(10) NOT NULL
BoreholeNo: VARCHAR2(10) NULL (FK)
Remark: VARCHAR2(128) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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: VARCHAR2(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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: VARCHAR2(5) NULL
DrillRockT: VARCHAR2(4) NULL
DrillColSb: 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(4) NULL
Hardness: VARCHAR2(2) NULL
Cementatio: VARCHAR2(2) NULL
Diagenesis: VARCHAR2(2) NULL
Calcareous: VARCHAR2(4) NULL
Classifica: VARCHAR2(3) NULL
Trivialnam: VARCHAR2(3) NULL
RockSymbol: VARCHAR2(2) NULL
Sorting: VARCHAR2(4) NULL
Rounding: VARCHAR2(2) NULL
Remarks: VARCHAR2(255) 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(20) NULL
TotalDescr: VARCHAR2(254) NULL
OtherDescr: VARCHAR2(1024) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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: VARCHAR2(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE 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
SECSAMPLEMIX
ResultantSampleId: NUMBER(8) NOT NULL (FK)
SourceSampleId: NUMBER(8) NOT NULL (FK)
InsertDate: DATE NULL
UpdateDate: DATE 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
Parameter: NUMBER(4) NULL
Amount: NUMBER(*) NULL
DetectionLimit: NUMBER(*) NULL
Precision: NUMBER(*) NULL
AnalysisDate_Start: DATE NULL
AnalysisDate_End: DATE NULL
ReceivedDateLab: DATE NULL
ReanalysisStatus: NUMBER(1) NULL
Medium: NUMBER(4) NULL
CalculatedFrom: NUMBER(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
DRWFIRM
FirmId: NUMBER(8) NOT NULL
FirmName: VARCHAR2(50) NULL
Address1: VARCHAR2(64) NULL
Address2: VARCHAR2(64) NULL
PostalNo: NUMBER(4) 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
DebitorNo: VARCHAR2(20) NULL
Remark: VARCHAR2(1024) NULL
EANNo: VARCHAR2(20) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
DRWFIRMREF
PlantId: 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
WRRFEEBILL
Year: DATE NOT NULL
PlantId: NUMBER(8) NOT NULL (FK)
FirmId: NUMBER(8) NULL (FK)
CollectedAmount: NUMBER(12,3) NULL
Rate: NUMBER(6,2) NULL
FeeCollection: NUMBER(10,2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
BoreDoc
FileId: 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
MEASURINGSTATION
MeasuringStationId: NUMBER(9) NOT NULL
PlantId: NUMBER(8) NULL (FK)
x: NUMBER(*) NULL
y: NUMBER(*) NULL
z: NUMBER(*) NULL
GridType: VARCHAR2(3) NULL
VerticaRef: VARCHAR2(5) NULL
UtmZone: NUMBER(2) NULL
Sys34Zone: NUMBER(1) NULL
Datum: VARCHAR2(7) NULL
LocatMetho: NUMBER(4) NULL
ElevaMetho: VARCHAR2(2) NULL
BarCode: VARCHAR2(13) 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
StoreDoc
FileId: NUMBER(8) NOT NULL
FileType: VARCHAR2(4) NULL
Url: VARCHAR2(256) NULL
Comments: VARCHAR2(255) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
WRRWATCOURDRAIN
DrainageAreaId: NUMBER(8) NOT NULL
SupDrainageAreaId: NUMBER(8) NULL (FK)
Name: VARCHAR2(64) NOT NULL
MedianMin: NUMBER(9,7) 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
WRRWATCOURINFLU
WatercourseInfluenceId: NUMBER(8) NOT NULL
PlantId: NUMBER(8) NOT NULL (FK)
DrainageAreaId: NUMBER(8) NOT NULL (FK)
IntakePlantId: NUMBER(8) NULL (FK)
No: NUMBER(2) NULL
InfluenceDegree: NUMBER(1,2) NULL
InfluenceDistrib: NUMBER(1,2) 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
COMPOUNDLIST
CompoundNo: NUMBER(4) NOT NULL
Long_Text: VARCHAR2(60) 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
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
PlantDoc
FileId: 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
DRWPLANTLANDREG
LandRegId: INTEGER NOT NULL
PlantId: NUMBER(8) NULL (FK)
LandRegNo: VARCHAR2(20) NULL
HouseOwnAs: VARCHAR2(20) NULL
SortNo: NUMBER(4) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
GRWCHEMSAMPLE
SAMPLEID: NUMBER(10) NOT NULL
BoreholeNo: VARCHAR2(10) NULL (FK)
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
LABORATORIYREFNO: 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(60) NULL
SAMPLELOCALITY: VARCHAR2(20) NULL
SUMCATIONSCALCULATED: NUMBER NULL
SUMANOINSCALCULATED: NUMBER NULL
PREPROCESSING: NUMBER(2) NULL
SAMPLEDBY: VARCHAR2(40) NULL
CLIENT: NUMBER(2) NULL
CLIENTNAME: VARCHAR2(60) NULL
SAMPLEREPORTDATE: DATE NULL
VALIDATEDBY: VARCHAR2(3) NULL
CLEANINGSTART: DATE NULL
CLEANINGEND: DATE NULL
CLEANINGYIELD: NUMBER(7,2) NULL
PARTOFSAMPLEID: 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
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
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(60) NULL
PREPROCESSING: NUMBER(2) NULL
PRESERVATION: NUMBER(2) NULL
PACKING: NUMBER(2) NULL
DETECTIONLIMIT: NUMBER NULL
INSERTDATE: DATE NULL
UPDATEDATE: DATE NULL
CATCHPERM
PermissionId: NUMBER(7) NOT NULL
PermissionNo: NUMBER(7) NULL
AdministratorId: NUMBER(4) NOT NULL (FK)
PermissionType: NUMBER(4) NULL
CatchPurpose: NUMBER(2) NULL
StartDate: DATE NULL
EndDate: DATE NULL
JournalNo: VARCHAR2(40) NULL
SpecialTerms: VARCHAR2(2000) NULL
Remark: VARCHAR2(2000) NULL
BoreholeMaxDepth: NUMBER(7,2) NULL
MedianMinWatFlow: NUMBER(7,2) NULL
Source: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
PLANTCATCHCOND
PermissionId: NUMBER(7) NOT NULL (FK)
PlantId: NUMBER(8) NOT NULL (FK)
PermissionNo: NUMBER(7) NULL
AdministratorId: NUMBER(4) NOT NULL
AmountPerHour: NUMBER(7,2) NULL
AmountPerYear: FLOAT NULL
StartDate: DATE NULL
EndDate: DATE NULL
Remark: VARCHAR2(2000) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
WRREXPORT
ExpId: NUMBER(8) NOT NULL
PlantId: NUMBER(8) NOT NULL (FK)
EIPlantId: NUMBER(8) NULL (FK)
Year: DATE NOT NULL
IE: VARCHAR2(1) NOT NULL
Amount: NUMBER(8) NULL
Remark: VARCHAR2(305) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
WATERIMPEXP
ImpExpId: NUMBER(8) NOT NULL
PlantId: NUMBER(8) NULL (FK)
StartDate: DATE NOT NULL
EndDate: DATE NOT NULL
ImpAmount: NUMBER(9) NULL
ExpAmount: NUMBER(9) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
ADMINISTRATOR
AdministratorId: NUMBER(4) NOT NULL
Name: VARCHAR2(64) NULL
ParticipantVATNo: NUMBER(10) NULL
PhoneNo: NUMBER(10) NULL
MobileNo: NUMBER(10) NULL
EMail: VARCHAR2(64) NULL
MunicipalityNo: NUMBER(3) NULL
CountyNo: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
BORECATCHCOND
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PermissionId: NUMBER(7) NOT NULL (FK)
PermissionNo: NUMBER(7) NULL
AdministratorId: NUMBER(4) NOT NULL
AmountPerHour: NUMBER(7,2) NULL
AmountPerYear: NUMBER(9,0) NULL
StartDate: DATE NULL
EndDate: DATE NULL
Remark: VARCHAR2(2000) NULL
MaxDepression: NUMBER(3,2) NULL
SoundingFrequency: VARCHAR2(60) NOT NULL
ExtendedConditions: VARCHAR2(255) NULL
ReductionCause: VARCHAR2(6) NULL
NumberSampleYear: INTEGER NULL
AnalyseProgram: VARCHAR2(6) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
FIELDWATCOND
PermissionId: NUMBER(7) NOT NULL (FK)
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PermissionNo: NUMBER(7) NULL
AdministratorId: NUMBER(4) NOT NULL
IrrigateArea: NUMBER(8,2) NULL
NozzleCompression: NUMBER(5,2) NULL
LeaseArea: NUMBER(8,2) NULL
NozzleSize: NUMBER(4,2) NULL
Remark: VARCHAR2(305) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
FIELDWATSOILTYPE
PermissionId: NUMBER(7) NOT NULL (FK)
SubsoilType: VARCHAR2(4) NOT NULL
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PermissionNo: NUMBER(7) NULL
AdministratorId: NUMBER(4) NOT NULL
SubsoilTypeArea: NUMBER(8,2) NULL
Remark: VARCHAR2(305) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
SUPPLANALYSEPARAM
BoreholeNo: VARCHAR2(10) NOT NULL (FK)
PermissionId: NUMBER(7) NOT NULL (FK)
Parameter: NUMBER(4) NOT NULL
PermissionNo: NUMBER(7) NULL
AdministratorId: NUMBER(4) NOT NULL
ParameterBasis: VARCHAR2(255) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
DRWPLANT
PlantId: NUMBER(8) NOT NULL
MunicipalityNo2007: NUMBER(3) NULL (FK)
EnvCen: NUMBER(1) NULL
Region: NUMBER(4) NULL
AdministratorId: NUMBER(4) NULL (FK)
Active: NUMBER(2) NULL
PlantType: NUMBER(2) NULL
Permit: NUMBER(4) NULL
MunicipalityNo: NUMBER(3) NULL
PlantTypeNo: NUMBER(2) NULL
SerialNo: NUMBER(4) NULL
SubNo: NUMBER(2) NULL
CompanyType: VARCHAR2(3) NULL
CountyJournalNo: VARCHAR2(40) NULL
MunicipalityNo2: NUMBER(3) NULL
UtmZone: NUMBER(2) NULL
Datum: VARCHAR2(7) NULL
XUtm: NUMBER(9,2) NULL
YUtm: NUMBER(10,2) NULL
PlantName: VARCHAR2(50) NULL
PlantAddress: VARCHAR2(64) NULL
PlantPostalCode: NUMBER(4) NULL
PermitDate: DATE NULL
PermitAmount: NUMBER(9) NULL
PermitExpireDate: DATE NULL
WaterType: VARCHAR(1) NULL
Owner: VARCHAR2(1) NULL
VrrPurpose: NUMBER(2) NULL
ReportingCounty: NUMBER(2) NULL
CompanySerialNo: NUMBER(6) NULL
DischargeTo: VARCHAR2(60) NULL
SupPlant: NUMBER(8) NULL
LocatRemark: VARCHAR2(2000) NULL
StartDate: DATE NULL
EndDate: DATE NULL
VerticaRef: VARCHAR2(7) NULL
GridType: VARCHAR2(3) NULL
LocatMetho: VARCHAR2(4) NULL
ElevaMetho: VARCHAR2(2) NULL
AreaHa: NUMBER(5,2) NULL
XUtm32Euref89: NUMBER(11,4) NULL
YUtm32Euref89: NUMBER(12,4) NULL
PropertyNo: VARCHAR2(9) NULL
FeeDuty: VARCHAR2(4) NULL
FeeDutyAmount: NUMBER(12,3) NULL
FeeAddressId: NUMBER(8) NULL (FK)
InsertDate: DATE NULL
UpdateDate: DATE NULL
TREATMENTPLANT
PlantId: NUMBER(8) NOT NULL (FK)
TreatmentPlantNo: NUMBER(9) NOT NULL
FiltrationType: NUMBER(4) NULL
AerationType: NUMBER(4) NULL
ExtendedTreatment: VARCHAR2(4000) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
DRWCHEMSAMPLE
SampleId: NUMBER(10) NOT NULL
PlantId: NUMBER(8) NULL (FK)
SampleDate: DATE NULL
SampleSite: VARCHAR2(40) NULL
ReportDate: DATE NULL
JournalNo: VARCHAR2(20) NULL
Laboratory: NUMBER(4) NULL
DataSource: VARCHAR2(20) NULL
Remark: VARCHAR2(305) NULL
Extent: NUMBER(2) NULL
ExtentOld: VARCHAR2(15) NULL
EvaluationLaboratory: NUMBER(4) NULL
EvaluationSite: NUMBER(2) NULL
EvaluationJournalNo: VARCHAR2(20) NULL
Purpose: NUMBER(2) NULL
Odeur: NUMBER(2) NULL
Taste: NUMBER(4) NULL
Look: NUMBER(2) NULL
Colour: NUMBER(2) NULL
SampledBy: VARCHAR2(40) NULL
MeasuringSiteNo: NUMBER(4) NULL
Client: NUMBER(2) NULL
ClientName: VARCHAR2(35) NULL
PipeSite: VARCHAR2(35) NULL
PipeAddress: VARCHAR2(35) NULL
PipePostalCode: NUMBER(4) NULL
QualityControl: NUMBER(1) NULL
EstimateTemp: NUMBER(7,2) NULL
LabReferenceName: VARCHAR2(24) NULL
Project: VARCHAR2(6) NULL
Volume: NUMBER(7,3) NULL
VolumeUnit: NUMBER(4) NULL
MeasuringStationId: NUMBER(9) NULL (FK)
ResampleStatus: NUMBER(1) NULL
PreviousSample: NUMBER(10) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
DRWCHEMANALYSIS
SampleId: NUMBER(10) NOT NULL (FK)
CompoundNo: NUMBER(4) NOT NULL
AnalysisNo: NUMBER(1) NOT NULL
QualityControl: NUMBER(1) NULL
AmountReported: NUMBER(*) NULL
UnitReported: NUMBER(4) NULL
CompoundReported: NUMBER(4) NULL
Amount: NUMBER(*) NULL
Unit: NUMBER(4) NULL
Attribute: VARCHAR2(1) NULL
DetectionLimit: NUMBER(*) NULL
Filtering: NUMBER(2) NULL
AnalysisSite: NUMBER(2) NULL
Method: NUMBER(4) NULL
Laboratory: NUMBER(4) NULL
Remark: VARCHAR2(60) NULL
JournalNo: VARCHAR2(20) NULL
Preparation: NUMBER(2) NULL
Packaging: NUMBER(2) NULL
Preservation: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
MUNICIPALITY2007
MunicipalityNo2007: NUMBER(3) NOT NULL
EnvCen: NUMBER(1) NULL
Region: NUMBER(4) NULL
Name: VARCHAR2(64) NULL
XUtmMin: NUMBER(10,3) NULL
XUtmMax: NUMBER(10,3) NULL
YUtmMin: NUMBER(10,3) NULL
YUtmMax: NUMBER(10,3) NULL
WWW: VARCHAR2(254) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
DRWSAMPLEREMARK
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
DRWPLANTINTAKE
IntakePlantId: NUMBER(8) NOT NULL
PlantId: NUMBER(8) NULL (FK)
BoreholeNo: VARCHAR2(10) NULL (FK)
IntakeNo: NUMBER(4) NULL (FK)
StartDate: DATE NULL
EndDate: DATE NULL
IntakeUsage: NUMBER(2) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
INTAKECATCHMENT
StartDate: DATE NOT NULL
IntakePlantId: NUMBER(8) NOT NULL (FK)
Attribute: VARCHAR2(1) NULL
EndDate: DATE NOT NULL
Volume: NUMBER(9) NULL
Method: NUMBER(2) NULL
FlowMeter: NUMBER(9) NOT NULL
FlowMeterStart: NUMBER NULL
ConversionFactor: NUMBER(5,1) NULL
Remark: VARCHAR2(255) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
WRRCATCHMENT
PlantCatchmentId: NUMBER(8) NOT NULL
PlantId: NUMBER(8) NULL (FK)
CatchmentNo: NUMBER(3) NULL
StartDate: DATE NOT NULL
EndDate: DATE NOT NULL
Attribute: VARCHAR2(1) NULL
Amount: NUMBER(9) NULL
Method: NUMBER(2) NULL
FlowMeterStart: NUMBER NULL
FlowMeterEnd: NUMBER NULL
Remark: VARCHAR2(255) NULL
ConversionFactor: NUMBER(5,1) NULL
SurfaceWaterVolume: NUMBER(8) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
WRRSUPPLY
PlantId: NUMBER(8) NOT NULL (FK)
StartDate: DATE NOT NULL
SupplyType: NUMBER(2) NOT NULL
Volume: NUMBER(8) NULL
RecipientNumber: NUMBER(8) NULL
EndDate: DATE NULL
IndividualNumber: NUMBER(6) NULL
IndividualNumberUnit: NUMBER(4) NULL
VolumeCalculated: NUMBER(9) NULL
Remark: VARCHAR2(2000) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
JupTable
TableName: VARCHAR2(30) NOT NULL
TableNo: NUMBER(4) NULL
TableType: NUMBER(2) NULL
MastTable: VARCHAR2(30) NULL
MastKyFlds: VARCHAR2(254) NULL
CorrTablNa: 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
ShortName: VARCHAR2(20) 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)
CorrTablNa: VARCHAR2(30) NULL
CorrColNa: VARCHAR2(30) NULL
StandatTypeCode: NUMBER(8) NULL
StandatTopicCode: 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
SortNo: NUMBER(4) NULL
TableName: VARCHAR2(30) NULL (FK)
ColumnName: VARCHAR2(30) NULL (FK)
HeaderId: NUMBER(4) NULL (FK)
VirtFieldId: 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
JupViFie
VirtFieldId: 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
VirtFieldId: NUMBER(4) NOT NULL (FK)
Language: VARCHAR2(64) NOT NULL
Text: VARCHAR2(64) 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
CodeType
CodeType: NUMBER(4) NOT NULL
ShortText: VARCHAR2(20) NULL
LongText: VARCHAR2(60) NULL
LookupType: NUMBER(8) NOT NULL
LookUpTabl: VARCHAR2(8) NULL
InsertDate: DATE NULL
UpdateDate: DATE NULL
RckSymCo
Code: VARCHAR2(2) NOT NULL
CodeType: NUMBER(4) NULL (FK)
ShortText: VARCHAR2(40) NULL
LongText: VARCHAR2(60) NOT NULL
SortNo: NUMBER(4) NULL
Red: NUMBER(3) NULL
Green: NUMBER(3) NULL
Blue: NUMBER(3) 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
XUtmNW: 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