

Table and Column Definitions Report

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Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	FOREST HEALTH
Table / View / Materialized View:	%
Include Tables?	Y
Include Views?	Y
Include Materialized Views?	Y
Data Structure Diagram:	%
Exclude Prefix:	
Include Table / View / MV Descriptions?	Y
Include Table / View / MV Comments?	N
Include Column Descriptions?	Y
Include Column Comments?	N
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: CORP_ORG_UNIT*Description:*

Records codes for ministry Organizational Units (offices), such as a Branch, Region, or District office. Codes are currently defined to the office, section/program, and subsection level.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10)
2	ORG_UNIT_CODE Identifies any office within the ministry	NOT NULL	VARCHAR2(18)
3	ORG_UNIT_NAME The name or title of a ministry office or section	NOT NULL	VARCHAR2(300)
4	LOCATION_CODE Unique identifier for one of the office locations within the Ministry of Forests.	NOT NULL	VARCHAR2(9)
5	AREA_CODE The 3 digit number that identifies each telephone service area in a country.	NOT NULL	VARCHAR2(9)
6	TELEPHONE_NO The general office telephone number (excluding the area code) for a Ministry of Forests office.	NOT NULL	VARCHAR2(21)
7	ORG_LEVEL_CODE Represents the organizational level of the Ministry, and is one of:	NOT NULL	VARCHAR2(3)
8	OFFICE_NAME_CODE Represents an office within a specific organizational level.	NOT NULL	VARCHAR2(6)
9	ROLLUP_REGION_NO Identifier designating the region to which the org unit is rolled into for reporting purposes. Values stored here are for the computers use only, and are not to be used by people as "Ministry Codes".	NOT NULL	NUMBER(10)
10	ROLLUP_REGION_CODE Identifier designating the region to which the org unit is rolled into for reporting purposes.	NOT NULL	VARCHAR2(18)
11	ROLLUP_DIST_NO Identifier designating the region to which the org unit is rolled into for reporting purposes.	NOT NULL	NUMBER(10)
12	ROLLUP_DIST_CODE Identifier designating the district to which the org unit is rolled into for reporting purposes.	NOT NULL	VARCHAR2(18)
13	EFFECTIVE_DATE The date the Organizational Unit became effective as a valid Org Unit within the ministry's organizational structure.	NOT NULL	DATE
14	EXPIRY_DATE The date the Organizational Unit is Obsolete and is no longer an active Org Unit within the ministry's organizational structure.	NOT NULL	DATE
15	UPDATE_TIMESTAMP The date and time of the last modification.	NOT NULL	DATE

Table: PEST_CAPTURE_METHOD_CODE*Description:*

PEST CAPTURE METHOD stores the data capture methods.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PEST_CAPTURE_METHOD_CODE The code for capture method	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The data capture method must be one of: orthoPhotography, differentialGPS, unknown, nondifferentialGPS, satelliteImagery, rubberSheeting, scanning, photogrammetric, coordinateGeometryWithControl, monoRestitution, tableDigitizing, aerialOverview, detailsketchMap, detailGPSMapping. These values are case sensitive.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Effective date	NOT NULL	DATE
4	UPDATE_TIMESTAMP Update Timestamp	NOT NULL	DATE
5	EXPIRY_DATE Expiry Date	NOT NULL	DATE

Table: PEST_CAPTURE_SEVERITY_XREF*Description:*

Cross-referencing table between PEST_SEVERITY_CODE and PEST_CAPTURE_METHOD_CODE

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PEST_CAPTURE_METHOD_CODE The code for capture method	NOT NULL	VARCHAR2(3)
* 2	PEST_SEVERITY_CODE The acronym used to identify severity name. i.e. (L)ight, (M)oderate, (S)evere.	NOT NULL	VARCHAR2(3)
3	EXPIRY_DATE Expiry Date	NOT NULL	DATE
4	EFFECTIVE_DATE Effective Date	NOT NULL	DATE

Foreign Keys:

PCSX_PCM_FK

PEST_CAPTURE_METHOD_CODE = PEST_CAPTURE_METHOD_CODE.PEST_CAPTURE_METHOD_CODE

PCSX_PSC_FK

PEST_SEVERITY_CODE = PEST_SEVERITY_CODE.PEST_SEVERITY_CODE

Indexes:

PCSX_PCM_FK_I

PEST_CAPTURE_METHOD_CODE

PCSX_PSC_FK_I

PEST_SEVERITY_CODE

Table: PEST_DESCRIPTION*Description:*

PEST_DESCRIPTION contains description about a particular pest.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PEST_SPECIES_CODE The code used to identify the pest for which a specified silviculture treatment is required (eg. insects, root disease, dwarf mistletoe, etc).	NOT NULL	VARCHAR2(3)
2	SCIENTIFIC_NAME The scientific name for the disease.	NULL	VARCHAR2(255)
3	SIMILAR_DAMAGE Similar damage that may be mistakenly associated with this pest.	NULL	VARCHAR2(4000)
4	RANGE The pest's characteristics and the locations of the pest within the province.	NULL	VARCHAR2(4000)
5	COMMON_NAME The common name of the pest.	NULL	VARCHAR2(255)
6	DAMAGE The description of the type of damage caused by this particular pest.	NULL	VARCHAR2(4000)
7	SYMPTOMS The description of the pest and/or damage symptoms.	NULL	VARCHAR2(4000)

Foreign Keys:

PD_PSE_FK
PEST_SPECIES_CODE = PEST_SPECIES_CODE.PEST_SPECIES_CODE

Indexes:

PD_PSE_FK_I
PEST_SPECIES_CODE

Table: PEST_HAZARD_METHOD_CODE*Description:*

PEST_HAZARD_METHOD store the possible methods (models) by which the hazard was assessed. It is a lookup table.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PEST_HAZARD_METHOD_CODE The method (model) by which the hazard was assessed.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The description of the respective Hazard Method	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Effective Date	NOT NULL	DATE
4	EXPIRY_DATE Expiry Date	NOT NULL	DATE
5	UPDATE_TIMESTAMP Update Timestamp	NOT NULL	DATE

Table: PEST_HAZARD_POLY*Description:*

PEST_HAZARD_POLY represents a biohazard as an area (polygon). Feature type : polygon multipart.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	HAZARD_POLYGON_NUMBER The unique polygon number.	NOT NULL	NUMBER(4)
2	PEST_SPECIES_CODE The code used to identify the pest for which a specified silviculture treatment is required (eg. insects, root disease, dwarf mistletoe, etc).	NOT NULL	VARCHAR2(3)
3	PEST_HAZARD_RATING_CODE A (H)igh, (M)edium, (L)ow or (N)ill rating for the hazard area (polygon).	NOT NULL	VARCHAR2(1)
4	PEST_HAZARD_METHOD_CODE The method (model) by which the hazard was assessed.	NOT NULL	VARCHAR2(3)
5	GEOMETRY Geometry is a ArcSDE spatial column	NULL	NUMBER(38)
6	CREATION_YEAR The date when the biohazard data was created.	NULL	NUMBER(4)
7	AREA_HA The area of the biohazard polygon in Hectares.	NULL	NUMBER(15,2)

Foreign Keys:

PHP1_PHM_FK

PEST_HAZARD_METHOD_CODE = PEST_HAZARD_METHOD_CODE.PEST_HAZARD_METHOD_CODE

PHP1_PHR_FK

PEST_HAZARD_RATING_CODE = PEST_HAZARD_RATING_CODE.PEST_HAZARD_RATING_CODE

PHP1_PSE_FK

PEST_SPECIES_CODE = PEST_SPECIES_CODE.PEST_SPECIES_CODE

Indexes:

PHP1_PHM_FK_I

PEST_HAZARD_METHOD_CODE

PHP1_PHR_FK_I

PEST_HAZARD_RATING_CODE

PHP1_PSE_FK_I

PEST_SPECIES_CODE

Table: PEST_HAZARD_RATING_CODE*Description:*

PEST_HAZARD_RATING_CODE contains biohazard rating values assigned to a biohazard area (polygon). It is a lookup table.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PEST_HAZARD_RATING_CODE A (H)igh, (M)edium, (L)ow or (N)ill rating for the hazard area (polygon).	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The description of the respective acronym for each hazard rating (H)igh, (M)edium, (L)ow or (N)ill for the hazard area (polygon).	NOT NULL	VARCHAR2(120)
3	EXPIRY_DATE Expiry date	NOT NULL	DATE
4	UPDATE_TIMESTAMP Update TimeStamp	NOT NULL	DATE
5	EFFECTIVE_DATE Effective Date	NOT NULL	DATE

Table: PEST_IMAGE*Description:*

PEST_IMAGE contains graphical information (images) about each pest.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	IMAGE_ID The unique ID of the image.	NOT NULL	NUMBER(5)
2	PEST_SPECIES_CODE The code used to identify the pest for which a specified silviculture treatment is required (eg. insects, root disease, dwarf mistletoe, etc).	NOT NULL	VARCHAR2(3)
3	DESCRIPTION The description of the image.	NULL	VARCHAR2(255)
4	FILENAME The name of the image file.	NULL	VARCHAR2(255)
5	SOURCE The source /author.	NULL	VARCHAR2(255)
6	TITLE The title for the image.	NULL	VARCHAR2(255)
7	LOCATION The location of the image (URL).	NULL	VARCHAR2(255)

Foreign Keys:

PI_PSE_FK
PEST_SPECIES_CODE = PEST_SPECIES_CODE.PEST_SPECIES_CODE

Indexes:

PI_PSE_FK_I
PEST_SPECIES_CODE

Table: PEST_INFESTATION_OVERVIEW_POLY*Description:*

PEST_INFESTATION_OVERVIEW_POLY is a generalized version of the PEST_INFESTATION_POLY. The main purpose of the generalization is to be able to display the site infestation as an overview at higher scales. Feature type : polygon multipart.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	POLYGON_NUMBER The unique polygon number	NOT NULL	NUMBER(10)
2	PEST_CAPTURE_METHOD_CODE The code for capture method	NOT NULL	VARCHAR2(3)
3	PEST_SEVERITY_CODE The acronym used to identify severity name. i.e. (L)ight, (M)oderate, (S)evere.	NOT NULL	VARCHAR2(1)
4	PEST_SPECIES_CODE The code used to identify the pest for which a specified silviculture treatment is required (eg. insects, root disease, dwarf mistletoe, etc).	NULL	VARCHAR2(3)
5	CAPTURE_YEAR The year when the data was captured	NULL	NUMBER(4)
6	AREA_HA The polygon's area, in hectares	NULL	NUMBER(23,2)
7	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests" offices. Values stored here are for the computer"s use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10)
8	GEOMETRY Geometry is a ArcSDE spatial column	NULL	NUMBER(38)
10	TREE_SPECIES_CODE The host tree species that has been infested by a pest.	NULL	VARCHAR2(3)

Foreign Keys:

IOP_COU_FK
ORG_UNIT_NO = CORP_ORG_UNIT.ORG_UNIT_NO

IOP_PCSX_FK
PEST_CAPTURE_METHOD_CODE = PEST_CAPTURE_SEVERITY_XREF.PEST_CAPTURE_METHOD_CODE
PEST_SEVERITY_CODE = PEST_CAPTURE_SEVERITY_XREF.PEST_SEVERITY_CODE

IOP_PSE_FK
PEST_SPECIES_CODE = PEST_SPECIES_CODE.PEST_SPECIES_CODE

IOP_TSC_FK
TREE_SPECIES_CODE = VEG_TREE_SPECIES_CODE.TREE_SPECIES_CODE

Indexes:

IOP_COU_FK_I
ORG_UNIT_NO

IOP_PCSX_FK_I
PEST_SEVERITY_CODE
PEST_CAPTURE_METHOD_CODE

IOP_PSE_FK_I
PEST_SPECIES_CODE

IOP_TSC_FK_I
TREE_SPECIES_CODE

Table: PEST_INFESTATION_POINT*Description:*

PEST_INFESTATION_POINT is the Provincial Spots Table. A Spot represents a site infestation as point data. Feature type : point.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SPOT_NUMBER The unique spot number.	NOT NULL	NUMBER(10)
2	PEST_SEVERITY_CODE The acronym used to identify severity name. i.e. (L)ight, (M)oderate, (S)evere.	NOT NULL	VARCHAR2(3)
3	PEST_SPECIES_CODE The code used to identify the pest for which a specified silviculture treatment is required (eg. insects, root disease, dwarf mistletoe, etc).	NOT NULL	VARCHAR2(3)
4	PEST_CAPTURE_METHOD_CODE The code for capture method	NOT NULL	VARCHAR2(3)
5	CAPTURE_YEAR The year when the data was captured.	NOT NULL	NUMBER(4)
6	NUM_TREES The number of trees represented by the spot infestation.	NULL	NUMBER(11)
7	AREA_HA The area of the spot, assigned based upon num_trees.	NULL	NUMBER(7,2)
8	GEOMETRY Geometry is a ArcSDE spatial column	NULL	NUMBER(38)
10	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests" offices. Values stored here are for the computer"s use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10)
12	TREE_SPECIES_CODE The host tree species that has been infested by a pest.	NULL	VARCHAR2(3)

Foreign Keys:

PIO_COU_FK
ORG_UNIT_NO = CORP_ORG_UNIT.ORG_UNIT_NO

PIO_PCSX_FK
PEST_CAPTURE_METHOD_CODE = PEST_CAPTURE_SEVERITY_XREF.PEST_CAPTURE_METHOD_CODE
PEST_SEVERITY_CODE = PEST_CAPTURE_SEVERITY_XREF.PEST_SEVERITY_CODE

PIO_PSE_FK
PEST_SPECIES_CODE = PEST_SPECIES_CODE.PEST_SPECIES_CODE

PIO_TSC_FK
TREE_SPECIES_CODE = VEG_TREE_SPECIES_CODE.TREE_SPECIES_CODE

Indexes:

PIO_COU_FK_I
ORG_UNIT_NO

PIO_PCSX_FK_I
PEST_CAPTURE_METHOD_CODE
PEST_SEVERITY_CODE

PIO_PSE_FK_I
PEST_SPECIES_CODE

PIO_TSC_FK_I
TREE_SPECIES_CODE

Table: PEST_INFESTATION_POLY*Description:*

PEST_INFESTATION_POLY represents a site infestation as an area (polygon). Feature type : polygon multipart.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	POLYGON_NUMBER The unique polygon number.	NOT NULL	NUMBER(10)
2	PEST_SEVERITY_CODE The acronym used to identify severity name. i.e. (L)ight, (M)oderate, (S)evere.	NOT NULL	VARCHAR2(3)
3	PEST_SPECIES_CODE The code used to identify the pest for which a specified silviculture treatment is required (eg. insects, root disease, dwarf mistletoe, etc).	NOT NULL	VARCHAR2(3)
4	PEST_CAPTURE_METHOD_CODE The code for capture method	NOT NULL	VARCHAR2(3)
5	CAPTURE_YEAR The year when the data was captured.	NOT NULL	NUMBER(4)
6	AREA_HA The polygon's area in Hectares.	NULL	NUMBER(23,2)
7	GEOMETRY Geometry	NULL	NUMBER(38)
9	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10)
11	TREE_SPECIES_CODE The host tree species that has been infested by a pest.	NULL	VARCHAR2(3)

Foreign Keys:

PIP_COU_FK
ORG_UNIT_NO = CORP_ORG_UNIT.ORG_UNIT_NO

PIP_PCSX_FK
PEST_CAPTURE_METHOD_CODE = PEST_CAPTURE_SEVERITY_XREF.PEST_CAPTURE_METHOD_CODE
PEST_SEVERITY_CODE = PEST_CAPTURE_SEVERITY_XREF.PEST_SEVERITY_CODE

PIP_PSE_FK
PEST_SPECIES_CODE = PEST_SPECIES_CODE.PEST_SPECIES_CODE

PIP_TSC_FK
TREE_SPECIES_CODE = VEG_TREE_SPECIES_CODE.TREE_SPECIES_CODE

Indexes:

PIP_COU_FK_I
ORG_UNIT_NO

PIP_PCSX_FK_I
PEST_CAPTURE_METHOD_CODE
PEST_SEVERITY_CODE

PIP_PSE_FK_I
PEST_SPECIES_CODE

PIP_TSC_FK_I
TREE_SPECIES_CODE

Table: PEST_SEVERITY_CODE*Description:*

A code describing the severity of a pests (insect or disease) attack on the stand.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PEST_SEVERITY_CODE The acronym used to identify severity name. i.e. (L)ight, (M)oderate, (S)evere.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The complete name of the severity factor. i.e. Light, Moderate, Severe.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Effective date	NOT NULL	DATE
4	UPDATE_TIMESTAMP Update date	NOT NULL	DATE
5	EXPIRY_DATE Expiry date	NOT NULL	DATE

Table: PEST_SPECIES_CODE*Description:*

PEST_SPECIES_CODE contains the code and description of a pest

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PEST_SPECIES_CODE The code used to identify the pest for which a specified silviculture treatment is required (eg. insects, root disease, dwarf mistletoe, etc).	NOT NULL	VARCHAR2(3)
2	DESCRIPTION Description of the pest	NOT NULL	VARCHAR2(250)
3	EXPIRY_DATE Expiry date	NOT NULL	DATE
4	EFFECTIVE_DATE Effective date	NOT NULL	DATE
5	UPDATE_DATE Update date	NOT NULL	DATE

Table: VEG_TREE_SPECIES_CODE*Description:*

The secondary tree species of Crown timber that was cut, damaged, destroyed or removed without authority

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TREE_SPECIES_CODE The secondary tree species of Crown timber that was cut, damaged, destroyed or removed without authority.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date the value is lo longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE