

Table and Column Definitions Report

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Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	DSC
Table Name:	%
Data Structure Diagram:	
Include Column Descriptions?	Y
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: DSC_AGE_10YR_CLASS_CODE*Description:*

The average age of the leading species of the stand classed into age ranges of 10 years.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	AGE_10YR_CLASS_CODE The average age of the leading species of the stand classed into age ranges of 10 years.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of AGE 10YR CLASS CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_AGE_CLASS_CODE*Description:*

A code indicating the age class of the stand at the reference year. Age classes are intervals, or ranges, of ages into which trees, forests, stands, or forest types are divided into for classification and use.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	AGE_CLASS_CODE A code indicating the age class of the stand at the reference year. Age classes are intervals, or ranges, of ages into which trees, forests, stands, or forest types are divided into for classification and use.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of AGE CLASS CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_COLOUR_CODE*Description:*

A code representing a colour.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_STAIN_COLOUR_CODE A code for the colour of the decay or stain.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of DECAY STAIN COLOUR CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_CROWN_CANOPY_POS_CODE*Description:*

A numerical ranking of the relative position of the tree crown, with respect to the stand canopy.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CROWN_CANOPY_POS_CODE A numerical ranking of the relative position of the tree crown, with respect to the stand canopy.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of CROWN CANOPY POS CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_DECAY_ORGANISM_CODE*Description:*

A code for the organism which caused the decay occurrence.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_ORGANISM_CODE A code for the organism which caused the decay occurrence.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of ORGANISM CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_DECAY_ORGANISM_ENTRY_CODE*Description:*

A code for the location of the tree where the decay organism appeared to have entered.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_ORGANISM_ENTRY_CODE A code for the location of the tree where the decay organism appeared to have entered.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of DECAY ORGANISM ENTRY CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_DECAY_PERCENTAGE_CODE*Description:*

The relative percentage of each type of decay where more than one type of decay occurs in a tree section.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_PERCENTAGE_CODE The relative percentage of each type of decay where more than one type of decay occurs in a tree section.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of ORGANISM CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_DECAY_SAMPLE_AREA**Description:**

A chosen area utilized for deriving decay information.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_SAMPLE_ID Artificial number used to uniquely identify a sample. It is a sequential integer assigned by the database.	NOT NULL	NUMBER(10)
2	SAMPLE_NO A number assigned at the point of data collection to identify this sample within a region and compartment.	NOT NULL	NUMBER(4)
3	SAMPLE_DATE The year the sample was collected. The date is arbitrarily set to June 1 of that year.	NOT NULL	DATE
4	SAMPLE_SIZE The area of the sample in hectares.	NULL	NUMBER(6,4)
5	ELEVATION The elevation(s), relative to the mean sea level, of the land contained within the polygon.	NULL	NUMBER(5)
6	FOREST_INVENTORY_ZONE The Forest Inventory Zone(s) (FIZ) that fall within the forest cover polygon. FIZ zones are broadly based ecological classification of the forestland in British Columbia. The province of British Columbia is split into 12 FIZ zones. eg A,B,C are coastal zones K,L are North East areas of the province <i>FIZ zones were developed to provide a broadly based ecological classification of the forestland in British Columbia. FIZ zones closely follow the early Biogeoclimatic zones developed by Dr. Drajina. The province of British Columbia is split into 12 FIZ zones.</i>	NULL	VARCHAR2(1)
7	INVENTORY_REGION The Inventory Region(s) that fall within the forest cover polygon. Inventory Regions are an administrative and planning level boundary used to subdivide the Province into 88 units. <i>Inventory Region is also part of the reference key for identifying the geographic location of all Inventory Branch samples. Inventory Region, along with Inventory Compartment and Compartment Letter, form the key to identifying the Inventory samples.</i>	NULL	NUMBER(2)
8	COMPARTMENT_NUMBER The Inventory Compartment(s) that fall within the forest cover polygon. Inventory Compartments are a geographic subdivision of an Inventory Region, usually defining a watershed or part thereof. Inventory compartment is also part of the reference key for identifying the geographic location of all Inventory Branch samples. Inventory Compartment, along with Compartment Letter and Inventory Region form the key to identifying Inventory samples.	NOT NULL	NUMBER(3)
9	COMPARTMENT_LETTER The Compartment Letter(s) that fall within the forest cover polygon. Compartment Letter is a geographic subdivision of an Inventory Compartment. Compartment Letter only applies to some Inventory Compartments (e.g. only in Inventory Regions 1, 3, 5, 6, 7, 9, 10, 11, 56). Compartment Letter is also part of the reference key for identifying the geographic location of all Inventory Branch samples. Compartment Letter, along with Inventory Compartment and Inventory Region form the key to identifying Inventory samples.	NULL	VARCHAR2(1)
10	PSYU The numbers of the Public Sustained Yield Unit (PSYU) that fall within the forest cover polygon.	NULL	NUMBER(4)
11	PSYU_BLOCK The numbers of the Public Sustained Yield Unit (PSYU) Block(S) that fall within the forest cover polygon. PSYU Blocks are subdivisions of a PSYU and indicate the presence of a sub-unit survey (i.e.. 1:10,000 scale inventory).	NULL	NUMBER(2)
12	BEC_ZONE The Biogeoclimatic Zone(s) that fall within the forest cover polygon. A Biogeoclimatic Zone is a large geographic area with a broad homogeneous macroclimate that influences the development of vegetation and soil.	NULL	VARCHAR2(4)
13	BEC_SUBZONE The Biogeoclimatic Subzone(s) that fall within the forest cover polygon.	NULL	VARCHAR2(2)

Table: DSC_DECAY_SAMPLE_AREA (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	A Biogeoclimatic Subzone is a subdivision of the Biogeoclimatic Zone. The subdivision is based on the floristic differences in the zonal ecosystem with sequences influenced primarily by regional climate.		
14	BEC_VARIANT	NULL	VARCHAR2(2)
	The Biogeoclimatic Variant(s) that fall within the polygon. A Biogeoclimatic Variant is a further division of the Biogeoclimatic Zone and Subzone. The division reflects the differences in species cover and vigour of the plant species.		
15	AGE_10YR_CLASS_CODE	NULL	VARCHAR2(10)
	The average age of the leading species of the stand classed into age ranges of 10 years.		
16	INV_TYPE_GROUP_CODE	NULL	VARCHAR2(10)
	A code for the species grouping the stand in which the sample is located, based on the estimate of the stand at the time of sampling.		
17	HEIGHT_CLASS_CODE	NULL	VARCHAR2(10)
	A code indicating the height class of the stand at the reference year. Height classes represent intervals into which the range of tree or stand heights are subdivided for classification and use.		
18	SITE_CLASS_CODE	NOT NULL	VARCHAR2(10)
	A code for the class of stand productivity (site class).		
19	HEIGHT_3M_CLASS_CODE	NULL	VARCHAR2(10)
	The average height of the leading species of the stand coded to the nearest whole metre, in intervals of 3 metres representing the range median.		
20	AGE_CLASS_CODE	NULL	VARCHAR2(10)
	A code indicating the age class of the stand at the reference year. Age classes are intervals, or ranges, of ages into which trees, forests, stands, or forest types are divided into for classification and use.		
21	SAMPLE_TYPE_CODE	NOT NULL	VARCHAR2(10)
	A code indicating the type of the sample.		

Unique Constraints:

DSA_DSA_SRC_UK
 SAMPLE_NO
 INVENTORY_REGION
 COMPARTMENT_NUMBER
 COMPARTMENT_LETTER

Foreign Keys:

DSA_A1CC_FK
 AGE_10YR_CLASS_CODE = DSC_AGE_10YR_CLASS_CODE.AGE_10YR_CLASS_CODE
 DSA_ACC_FK
 AGE_CLASS_CODE = DSC_AGE_CLASS_CODE.AGE_CLASS_CODE
 DSA_H3CC_FK
 HEIGHT_3M_CLASS_CODE = DSC_HEIGHT_3M_CLASS_CODE.HEIGHT_3M_CLASS_CODE
 DSA_HCC_FK
 HEIGHT_CLASS_CODE = DSC_HEIGHT_CLASS_CODE.HEIGHT_CLASS_CODE
 DSA_ITGC_FK
 INV_TYPE_GROUP_CODE = DSC_INV_TYPE_GROUP_CODE.INV_TYPE_GROUP_CODE
 DSA_SCC_FK
 SITE_CLASS_CODE = DSC_SITE_CLASS_CODE.SITE_CLASS_CODE
 DSA_STC_FK
 SAMPLE_TYPE_CODE = DSC_SAMPLE_TYPE_CODE.SAMPLE_TYPE_CODE

Indexes:

DSA_A1CC_FK_I
 AGE_10YR_CLASS_CODE
 DSA_ACC_FK_I
 AGE_CLASS_CODE
 DSA_H3CC_FK_I

Table: DSC_DECAY_SAMPLE_AREA (cont'd)*Indexes:*

HEIGHT_3M_CLASS_CODE
DSA_HCC_FK_I
HEIGHT_CLASS_CODE
DSA_ITGC_FK_I
INV_TYPE_GROUP_CODE
DSA_SCC_FK_I
SITE_CLASS_CODE
DSA_STC_FK_I
SAMPLE_TYPE_CODE

Table: DSC_DECAY_SAMPLE_COMPOSITION*Description:*

The makeup of the sample which consists of tree species, indication of whether the species is major or minor, and the percentage of the total.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SAMPLE_COMPOSITION_NO A number that, when combined with the sample number, identifies a sample composition.	NOT NULL	NUMBER(10)
2	TREE_SPECIES_CODE	NOT NULL	VARCHAR2(3)
* 3	TREE_MAJOR_IND An indicator of whether the tree species is major or minor within the context of the sample composition.	NOT NULL	VARCHAR2(1)
4	TREE_PERCENT The percentage of the total sample comprised by the tree species.	NULL	NUMBER(3)
* 5	DECAY_SAMPLE_ID Artificial number used to uniquely identify a sample. It is a sequential integer assigned by the database.	NOT NULL	NUMBER(10)

Foreign Keys:

DSC1_DSA_FK
DECAY_SAMPLE_ID = DSC_DECAY_SAMPLE_AREA.DECAY_SAMPLE_ID

Indexes:

DSC1_DSA_FK_I
DECAY_SAMPLE_ID

Table: DSC_DECAY_SAMPLE_TREE**Description:**

Identifies a specific tree used for decay sampling and indicates if a number of different types of decay are present in/on the sample tree.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TREE_NO Unique arbitrary number assigned to a tree at time of collection.	NOT NULL	NUMBER(10)
2	DBH Diameter (outside bark) of a tree at 1.3 meters.	NULL	NUMBER(5,1)
3	DBH_2CM Diameter of the tree to the nearest 2 centimeters.	NULL	NUMBER(4)
4	DBH_5CM Diameter of the tree to the nearest 5 centimeters.	NULL	NUMBER(4)
5	TREE_IN_PLOT_IND An indication of whether a tree is within a plot radius.	NULL	VARCHAR2(1)
6	CONK_IND An indication of whether a conk is present.	NULL	VARCHAR2(1)
7	<i>A fruiting body of a fungus found on the trunk or branches of a tree and is indicative of wood decay.</i> BLIND_CONK_IND An indication of whether a blind conk is present.	NULL	VARCHAR2(1)
8	<i>A pronounced swelling or depression around a knot or branch stub resulting from the tree's attempt to heal over a conk precursor, an abortive conk or where a previous conk has dropped off.</i> SCAR_IND An indication of whether a scar exists.	NULL	VARCHAR2(1)
9	<i>An injury to the cambium of the tree which is a potential entrance to decay organisms.</i> FORK_OR_CROOK_IND An indication of whether a fork or crook is present.	NULL	VARCHAR2(1)
10	<i>A fork or crook is a site on the main tree stem where either the main stem splits into two or more stems, or where the stem is malformed. Both are the result of damage or injury to the terminal leader and are a potential site of entry for decay organisms.</i> FROST_CRACK_IND An indication of whether a frost crack is present.	NULL	VARCHAR2(1)
11	<i>A frost crack is a deep radial splitting of a tree trunk caused by freezing and is a potential entrance for decay organisms.</i> MISTLETOE_IND An indication of whether mistletoe is present.	NULL	VARCHAR2(1)
12	<i>A parasitic plant which grows on specific tree species affecting tree vigor. The infection site is a potential entrance for decay organisms.</i> ROTTEN_BRANCHES_IND An indication of whether rotten branches are present.	NULL	VARCHAR2(1)
13	<i>A branch adjacent to the tree trunk, which is rotten and is an indicator of potential decay.</i> DEAD_OR_BROKEN_TOP_IND An indication of a dead or broken main stem top.	NULL	VARCHAR2(1)
14	<i>A dead or broken main stem top is a potential entrance for decay organisms.</i> UNKN_ABNORMALITY_IND Indicates the presence of a not normal condition of unknown origin	NULL	VARCHAR2(1)
15	BIRD_DAMAGE_IND Indicates the presence of a not normal condition of unknown origin (1 - present; 0 - none present).	NULL	VARCHAR2(1)
16	MAMMAL_DAMAGE_IND Indicates the presence of a not normal condition of unknown origin (1 - present; 0 - none present).	NULL	VARCHAR2(1)

Table: DSC_DECAY_SAMPLE_TREE (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
17	BURL_IND Indicates the presence of a not normal condition of unknown origin (1 - present; 0 - none present).	NULL	VARCHAR2(1)
18	SPIRAL_GRAIN_IND Indicates the presence of a not normal condition of unknown origin (1 - present; 0 - none present).	NULL	VARCHAR2(1)
19	STUMP_AGE Age of the tree at 10 cm from the ground.	NULL	NUMBER(4)
20	AGE_MEASMT_EST_IND Indicator of whether stump age was actually measured (A) or estimated (E).	NULL	VARCHAR2(1)
21	HEIGHT Height of the tree in meters.	NULL	NUMBER(5,2)
22	HEIGHT_MEASMT_QLTY Indicator of whether stump age was actually measured (A) or estimated (E).	NULL	VARCHAR2(10)
23	FORKED_IND indication of the presence of a fork	NULL	VARCHAR2(1)
24	MAIN_LDR_TOP_SECTION_NO The number of the highest section number in the main leader.	NULL	NUMBER(3)
25	TREE_TOP_SECTION_NO The number of the highest section number in the whole tree.	NULL	NUMBER(3)
* 26	DECAY_SAMPLE_ID Artificial number used to uniquely identify a sample. It is a sequential integer assigned by the database.	NOT NULL	NUMBER(10)
27	TOP_UTILIZATION_CODE A code that reflects the quality of the tree in terms of how it can be utilized.	NULL	VARCHAR2(10)
28	PATHOLOGICAL_RISK_GROUP_CODE A field assigned from specific combinations of pathological indicators, tree age, tree species and geographic location.	NOT NULL	VARCHAR2(10)
29	QUALITY_CLASS_PRE1979_CODE a subjective measure of stem quality in terms of timber potential.	NULL	VARCHAR2(10)
30	FIRST_LOG_KNOT_QUALITY_CODE A code that indicates the quality of the tree based on the amount of quarters with knots.	NULL	VARCHAR2(10)
31	CROWN_CANOPY_POS_CODE A numerical ranking of the relative position of the tree crown, with respect to the stand canopy.	NULL	VARCHAR2(10)
32	DECAY_TREE_CLASS_CODE A code that represents the decay present based on an initial visual observation.	NOT NULL	VARCHAR2(10)
33	TREE_SPECIES_CODE A code for the botanical species name of the tree.	NOT NULL	VARCHAR2(10)
34	PATHOLOGICAL_ABNORMALITY_CODE A code for a pathological indicator.	NULL	VARCHAR2(10)
35	SECOND_LOG_KNOT_QUALITY_CODE A code that indicates the quality of the tree based on the amount of quarters with knots.	NULL	VARCHAR2(10)

Foreign Keys:

DST_CCPC_FK
CROWN_CANOPY_POS_CODE = DSC_CROWN_CANOPY_POS_CODE.CROWN_CANOPY_POS_CODE

DST_DSA_FK
DECAY_SAMPLE_ID = DSC_DECAY_SAMPLE_AREA.DECAY_SAMPLE_ID

DST_DTCC_FK
DECAY_TREE_CLASS_CODE = DSC_DECAY_TREE_CLASS_CODE.DECAY_TREE_CLASS_CODE

DST_KQCSECOND_LOG_DESCRIBED_FK

Table: DSC_DECAY_SAMPLE_TREE (cont'd)*Foreign Keys:*

SECOND_LOG_KNOT_QUALITY_CODE = DSC_KNOT_QUALITY_CODE.FIRST_LOG_KNOT_QUALITY_CODE
 DST_KQC_FK
 FIRST_LOG_KNOT_QUALITY_CODE = DSC_KNOT_QUALITY_CODE.FIRST_LOG_KNOT_QUALITY_CODE
 DST_PAC_FK
 PATHOLOGICAL_ABNORMALITY_CODE =
 DSC_PTHLGCL_ABNORMALITY_CODE.PATHOLOGICAL_ABNORMALITY_CODE
 DST_PRGC_FK
 PATHOLOGICAL_RISK_GROUP_CODE =
 DSC_PTHLGCL_RISK_GROUP_CODE.PATHOLOGICAL_RISK_GROUP_CODE
 DST_QCP_FK
 QUALITY_CLASS_PRE1979_CODE =
 DSC_QUALITY_CLASS_PRE1979_CODE.QUALITY_CLASS_PRE1979_CODE
 DST_TSC_FK
 TREE_SPECIES_CODE = DSC_TREE_SPECIES_CODE.TREE_SPECIES_CODE
 DST_TUC_FK
 TOP_UTILIZATION_CODE = DSC_TOP_UTILIZATION_CODE.TOP_UTILIZATION_CODE

Indexes:

DST_CCPC_FK_I
 CROWN_CANOPY_POS_CODE
 DST_DSA_FK_I
 DECAY_SAMPLE_ID
 DST_DTCC_FK_I
 DECAY_TREE_CLASS_CODE
 DST_KQCSECOND_LOG_DESCRIBED_I
 SECOND_LOG_KNOT_QUALITY_CODE
 DST_KQC_FK_I
 FIRST_LOG_KNOT_QUALITY_CODE
 DST_PAC_FK_I
 PATHOLOGICAL_ABNORMALITY_CODE
 DST_PRGC_FK_I
 PATHOLOGICAL_RISK_GROUP_CODE
 DST_QCP_FK_I
 QUALITY_CLASS_PRE1979_CODE
 DST_TSC_FK_I
 TREE_SPECIES_CODE
 DST_TUC_FK_I
 TOP_UTILIZATION_CODE

Notes:

The tree in the context of
 forest mensuration is further defined by belonging to a sample or
 experimental unit (and accordingly is individually numbered) and
 whose species is identified in the MOF codelist table.

Table: DSC_DECAY_SAMPLE_TREE_DECAY*Description:*

Noted incidents of decay that pertain to a sample tree.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_INCIDENT An assigned letter to identify a specific decay or stain occurrence in the tree section.	NOT NULL	VARCHAR2(1)
2	HEIGHT The height on the tree, in m above germination point, where the description of the decay characteristics was made.	NULL	NUMBER(5,2)
3	REMARKS Remarks pertaining to the description of the decay, or associated characteristics such as pits, flecks, spots and mycelium.	NULL	VARCHAR2(150)
* 4	TREE_NO Unique arbitrary number assigned to a tree at time of collection.	NOT NULL	NUMBER(10)
* 5	DECAY_SAMPLE_ID Artificial number used to uniquely identify a sample. It is a sequential integer assigned by the database.	NOT NULL	NUMBER(10)
6	MYCELIUM_TYPE_CODE A code for the physical description of the mycelium associated with the decay occurrence.	NULL	VARCHAR2(10)
7	DECAY_ORGANISM_CODE A code for the organism which caused the decay occurrence.	NULL	VARCHAR2(10)
8	DECAY_ORGANISM_ENTRY_CODE A code for the location of the tree where the decay organism appeared to have entered.	NULL	VARCHAR2(10)
9	DECAY_SHADE_CODE A code for the patterning and/or shading of the decay or stain.	NULL	VARCHAR2(10)
10	DECAY_COLOUR_CODE A code for the colour of the decay or stain.	NULL	VARCHAR2(10)
11	DECAY_TEXTURE_CODE A code for the textural characteristics of the decay occurrence.	NULL	VARCHAR2(10)
12	PIT_FLECK_SPOT_TYPE_CODE A code for the categorization of pits, flecks and spots or combinations there of.	NULL	VARCHAR2(10)
13	PIT_FLECK_SPOT_SHAPE_CODE A code for the predominant shape of the pits, flecks and spots associated with the decay occurrence.	NULL	VARCHAR2(10)
14	PIT_FLECK_SPOT_QTY_CODE A code for the qualification of the relative number of pits, flecks and spots associated with the decay occurrence.	NULL	VARCHAR2(10)
15	DEVELOPMENT_STAGE_CODE A code for the developmental stage of the decay or stain.	NULL	VARCHAR2(10)

Table: DSC_DECAY_SAMPLE_TREE_DECAY (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
16	WOOD_STRENGTH_CODE A code for the wood strength characteristics associated with the decay occurrence.	NULL	VARCHAR2(10)
17	MYCELIUM_SHADE_CODE A code for the patterning and/or shading of the decay or stain.	NULL	VARCHAR2(10)
18	PIT_FLECK_SPOT_SHADE_CODE A code for the patterning and/or shading of the decay or stain.	NULL	VARCHAR2(10)
19	MYCELIUM_COLOUR_CODE A code for the colour of the decay or stain.	NULL	VARCHAR2(10)
20	PIT_FLECK_SPOT_COLOUR_CODE A code for the colour of the decay or stain.	NULL	VARCHAR2(10)

Foreign Keys:

DSTD_CC_FK
 DECAY_COLOUR_CODE = DSC_COLOUR_CODE.DECAY_STAIN_COLOUR_CODE
 DSTD_CC_GET_MYC_COLOUR_FROM_FK
 MYCELIUM_COLOUR_CODE = DSC_COLOUR_CODE.DECAY_STAIN_COLOUR_CODE
 DSTD_CC_GET_PFS_COLOUR_FROM_FK
 PIT_FLECK_SPOT_COLOUR_CODE = DSC_COLOUR_CODE.DECAY_STAIN_COLOUR_CODE
 DSTD_DOC_FK
 DECAY_ORGANISM_CODE = DSC_DECAY_ORGANISM_CODE.DECAY_ORGANISM_CODE
 DSTD_DOEC_FK
 DECAY_ORGANISM_ENTRY_CODE =
 DSC_DECAY_ORGANISM_ENTRY_CODE.DECAY_ORGANISM_ENTRY_CODE
 DSTD_DSTC_FK
 DEVELOPMENT_STAGE_CODE = DSC_DEVELOPMENT_STAGE_CODE.DEVELOPMENT_STAGE_CODE
 DSTD_DST_FK
 TREE_NO = DSC_DECAY_SAMPLE_TREE.TREE_NO
 DECAY_SAMPLE_ID = DSC_DECAY_SAMPLE_TREE.DECAY_SAMPLE_ID
 DSTD_DTC_FK
 DECAY_TEXTURE_CODE = DSC_DECAY_TEXTURE_CODE.DECAY_TEXTURE_CODE
 DSTD_MTC_FK
 MYCELIUM_TYPE_CODE = DSC_MYCELIUM_TYPE_CODE.MYCELIUM_TYPE_CODE
 DSTD_PFSQC_FK
 PIT_FLECK_SPOT_QTY_CODE = DSC_PIT_FLECK_SPOT_QTY_CODE.PIT_FLECK_SPOT_QTY_CODE
 DSTD_PFSSC_FK
 PIT_FLECK_SPOT_SHAPE_CODE = DSC_PIT_FLECK_SPOT_SHAPE_CODE.PIT_FLECK_SPOT_SHAPE_CODE
 DSTD_PFSTC_FK
 PIT_FLECK_SPOT_TYPE_CODE = DSC_PIT_FLECK_SPOT_TYPE_CODE.PIT_FLECK_SPOT_TYPE_CODE
 DSTD_SC_FK
 DECAY_SHADE_CODE = DSC_SHADE_CODE.DECAY_SHADE_CODE
 DSTD_SC_GET_MYC_SHADE_FROM_FK
 MYCELIUM_SHADE_CODE = DSC_SHADE_CODE.DECAY_SHADE_CODE
 DSTD_SC_GET_PFS_SHADE_FROM_FK
 PIT_FLECK_SPOT_SHADE_CODE = DSC_SHADE_CODE.DECAY_SHADE_CODE
 DSTD_WSC_FK
 WOOD_STRENGTH_CODE = DSC_WOOD_STRENGTH_CODE.WOOD_STRENGTH_CODE

Indexes:

DSTD_CC_FK_I
 DECAY_COLOUR_CODE

Table: DSC_DECAY_SAMPLE_TREE_DECAY (cont'd)*Indexes:*

DSTD_CC_GET_MYC_COLOUR_FROM__I
 MYCELIUM_COLOUR_CODE
 DSTD_CC_GET_PFS_COLOUR_FROM__I
 PIT_FLECK_SPOT_COLOUR_CODE
 DSTD_DOC_FK_I
 DECAY_ORGANISM_CODE
 DSTD_DOEC_FK_I
 DECAY_ORGANISM_ENTRY_CODE
 DSTD_DSTC_FK_I
 DEVELOPMENT_STAGE_CODE
 DSTD_DST_FK_I
 TREE_NO
 DECAY_SAMPLE_ID
 DSTD_DTC_FK_I
 DECAY_TEXTURE_CODE
 DSTD_MTC_FK_I
 MYCELIUM_TYPE_CODE
 DSTD_PFSQC_FK_I
 PIT_FLECK_SPOT_QTY_CODE
 DSTD_PFSSC_FK_I
 PIT_FLECK_SPOT_SHAPE_CODE
 DSTD_PFSTC_FK_I
 PIT_FLECK_SPOT_TYPE_CODE
 DSTD_SC_FK_I
 DECAY_SHADE_CODE
 DSTD_SC_GET_MYC_SHADE_FROM_F_I
 MYCELIUM_SHADE_CODE
 DSTD_SC_GET_PFS_SHADE_FROM_F_I
 PIT_FLECK_SPOT_SHADE_CODE
 DSTD_WSC_FK_I
 WOOD_STRENGTH_CODE

Table: DSC_DECAY_SAMPLE_TREE_LEADER*Description:*

The length of sample tree stem from the end of the tree down to the first set of branches, representing one year of growth and reflecting the tree's vigor and the site's growing potential.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TREE_LEADER_ID	NOT NULL	NUMBER(10)
	Primary key for this table as business key may have NULL values for Tree Leader No.		
2	TREE_LEADER_NO	NULL	NUMBER(6)
	Unique arbitrary number assigned to a tree leader at time of collection.		
3	TREE_LEADER_PRIMARY_IND	NOT NULL	VARCHAR2(1)
	Indicates whether the tree leader is of the primary or secondary type.		
4	BASE_HT	NULL	NUMBER(5,2)
	Height at which leader starts.		
5	TREE_NO	NOT NULL	NUMBER(10)
	Unique arbitrary number assigned to a tree at time of collection.		
6	DECAY_SAMPLE_ID	NOT NULL	NUMBER(10)
	Artificial number used to uniquely identify a sample. It is a sequential integer assigned by the database.		

Foreign Keys:

DSTL_DST_FK
 TREE_NO = DSC_DECAY_SAMPLE_TREE.TREE_NO
 DECAY_SAMPLE_ID = DSC_DECAY_SAMPLE_TREE.DECAY_SAMPLE_ID

Indexes:

DSTL_DST_FK_I
 TREE_NO
 DECAY_SAMPLE_ID

Table: DSC_DECAY_SAMPLE_TREE_MEASMT*Description:*

Measurements that pertain to a sample tree.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MEASUREMENT_HEIGHT The height of the tree at the point the measurement was taken.	NOT NULL	NUMBER(5,2)
2	DIAM_INSIDE_BARK The diameter in cm measured at the top of the tree excluding the bark thickness. (As measured in the field, it equals the diameter outside bark less the double bark thickness.)	NOT NULL	NUMBER(4,1)
3	MEASUREMENT_EST_IND An indicator of whether a measurement is estimated.	NOT NULL	VARCHAR2(1)
4	DOUBLE_BARK_THICKNESS The sum of two representative bark thickness measurements in centimeters at the top of the tree section.	NULL	NUMBER(3,1)
* 5	TREE_NO Unique arbitrary number assigned to a tree at time of collection.	NOT NULL	NUMBER(10)
* 6	DECAY_SAMPLE_ID Artificial number used to uniquely identify a sample. It is a sequential integer assigned by the database.	NOT NULL	NUMBER(10)

Foreign Keys:

DSTM_DST_FK
 TREE_NO = DSC_DECAY_SAMPLE_TREE.TREE_NO
 DECAY_SAMPLE_ID = DSC_DECAY_SAMPLE_TREE.DECAY_SAMPLE_ID

Indexes:

DSTM_DST_FK_I
 TREE_NO
 DECAY_SAMPLE_ID

Table: DSC_DECAY_SAMPLE_TREE_SECTION**Description:**

A portion of a felled tree created by bucking (sectioning) a log into prescribed intervals. Sections may be created at regular intervals, or at breaks, forks or other junctions.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SECTION_NO	NOT NULL	NUMBER(3)
	A number assigned to a section of the tree which has been cut or otherwise designated as logs. (A felled tree is bucked into 2.5 or 5.0 m logs or sections which are numbered consecutively from one, the stump, to the tree top. Secondary fork stems, if any, are also sectioned and numbered from the highest main stem section number). Section numbers are unique within a tree.		
2	CUMULATIVE_TREE_LENGTH	NOT NULL	NUMBER(5,2)
	The cumulative length of the sections in meters above germination point (or highest side since 1990) to the top of the described section. This is the length (or height) of the tree at the top of the section being described. The actual length of the section may be derived by subtracting the previous cl from the current cl. With the first section of a fork, cumulative height is the height above ground at which the leader starts.		
3	DIAM_INSIDE_BARK	NULL	NUMBER(5,1)
	The diameter in cm measured at the top of the tree section excluding the bark thickness. (As measured in the field, it equals the diameter outside bark less the double bark thickness.)		
4	SECTION_VOLUME	NULL	NUMBER(8,4)
	The gross volume of the tree section in cubic meters particular to the Volume Sampling sectioning methodology. Smalian's formula is used for the volume calculation where: Volume = (1/2 section bottom basal area + 1/2 section top basal area) x Section Length. (A derived field, retained for present data use and later tree compiler testing).		
5	ABNORMALITY_IND	NULL	VARCHAR2(1)
	An indication of the existence of decay abnormality.		
6	DECAY_IND	NULL	VARCHAR2(1)
	Indicates presence of decay in the section.		
* 7	TREE_LEADER_ID	NOT NULL	NUMBER(10)
	Primary key for this table as business key may have NULL values for Tree Leader No.		
8	TREE_SECTION_TYPE_CODE	NULL	VARCHAR2(10)
	A code to signify the type of separation between the upper section end and the next higher section. Sections can be defined by a prescribed measured interval (by bucking), or the occurrence of a break, fork or crook.		

Foreign Keys:

DSTS_DSTL_FK
 TREE_LEADER_ID = DSC_DECAY_SAMPLE_TREE_LEADER.TREE_LEADER_ID
 DSTS_TSTC_FK
 TREE_SECTION_TYPE_CODE = DSC_TREE_SECTION_TYPE_CODE.TREE_SECTION_TYPE_CODE

Indexes:

DSTS_DSTL_FK_I
 TREE_LEADER_ID
 DSTS_TSTC_FK_I
 TREE_SECTION_TYPE_CODE

Table: DSC_DECAY_SAMPLE_TRLDR_MEASMT*Description:*

Measurements that pertain to a sample tree leader.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MEASURED_DIAMETER The measured diameter in centimeters.	NOT NULL	NUMBER(3)
2	MEASURED_DIAMETER_HEIGHT The height of the tree, in meters, where the measured diameter was attained.	NOT NULL	NUMBER(5,2)
* 3	TREE_LEADER_ID Primary key for this table as business key may have NULL values for Tree Leader No.	NOT NULL	NUMBER(10)
4	MEASUREMENT_QUALITY_CODE A code that represents the quality of a measurement.	NOT NULL	VARCHAR2(10)

Foreign Keys:

DSTM1_DSTL_FK

TREE_LEADER_ID = DSC_DECAY_SAMPLE_TREE_LEADER.TREE_LEADER_ID

DSTM1_MQC_FK

MEASUREMENT_QUALITY_CODE = DSC_MEASUREMENT_QUALITY_CODE.MEASUREMENT_QUALITY_CODE

Indexes:

DSTM1_DSTL_FK_I

TREE_LEADER_ID

DSTM1_MQC_FK_I

MEASUREMENT_QUALITY_CODE

Table: DSC_DECAY_SHAPE_CODE*Description:*

A code for the general description of the decay as it appears on the end of the tree seciton.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_SHAPE_CODE A code for the general description of the decay as it appears on the end of the tree seciton.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of DECAY SHAPE CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_DECAY_TEXTURE_CODE*Description:*

A code for the textural characteristics of the decay occurrence.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_TEXTURE_CODE A code for the textural characteristics of the decay occurrence.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of DECAY TEXTURE CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_DECAY_TREE_CLASS_CODE*Description:*

A code that represents the decay present based on an initial visual observation.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_TREE_CLASS_CODE A code that represents the decay present based on an initial visual observation.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of TREE DECAY CLASS CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_DEVELOPMENT_STAGE_CODE*Description:*

A code for the developmental stage of the decay or stain.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DEVELOPMENT_STAGE_CODE A code for the developmental stage of the decay or stain.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of DEVELOPMENT STAGE CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_HEIGHT_3M_CLASS_CODE*Description:*

The average height of the leading species of the stand coded to the nearest whole metre, in intervals of 3 metres representing the range median.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	HEIGHT_3M_CLASS_CODE The average height of the leading species of the stand coded to the nearest whole metre, in intervals of 3 metres representing the range median.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of HEIGHT 3M CLASS CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Notes:

Table: DSC_HEIGHT_CLASS_CODE*Description:*

A code indicating the height class of the stand at the reference year. Height classes represent (approximately 9 meter) intervals into which the range of tree or stand heights are subdivided for classification and use.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	HEIGHT_CLASS_CODE A code indicating the height class of the stand at the reference year. Height classes represent intervals into which the range of tree or stand heights are subdivided for classification and use.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of HEIGHT CLASS CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_INV_TYPE_GROUP_CODE*Description:*

A numerical code for the species grouping of the stand in which the sample is located, based on the estimate of the stand at the time of sampling.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	INV_TYPE_GROUP_CODE A code for the species grouping the stand in which the sample is located, based on the estimate of the stand at the time of sampling.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of INV TYPE GROUP CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_KNOT_QUALITY_CODE*Description:*

A code that indicates the quality of the tree based on the amount of quarters with knots.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FIRST_LOG_KNOT_QUALITY_CODE A code that indicates the quality of the tree based on the amount of quarters with knots.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of FIRST LOG KNOT QUALITY CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_MEASUREMENT_QUALITY_CODE*Description:*

A code that represents the quality of a measurement.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MEASUREMENT_QUALITY_CODE A code that represents the quality of a measurement.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of MEASUREMENT QUALITY CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_MYCELIUM_TYPE_CODE*Description:*

A code for the physical description of the mycelium associated with the decay occurrence.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MYCELIUM_TYPE_CODE A code for the physical description of the mycelium associated with the decay occurrence.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of MYCELIUM TYPE CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_PIT_FLECK_SPOT_QTY_CODE*Description:*

A code for the qualification of the relative number of pits, flecks and spots associated with the decay occurrence.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PIT_FLECK_SPOT_QTY_CODE A code for the qualification of the relative number of pits, flecks and spots associated with the decay occurrence.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of PIT FLECK SPOT QTY CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_PIT_FLECK_SPOT_SHAPE_CODE*Description:*

A code for the predominant shape of the pits, flecks and spots associated with the decay occurrence.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PIT_FLECK_SPOT_SHAPE_CODE A code for the predominant shape of the pits, flecks and spots associated with the decay occurrence.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of PIT FLECK SPOT SHAPE CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_PIT_FLECK_SPOT_TYPE_CODE*Description:*

A code for the categorization of pits, flecks and spots or combinations there of.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PIT_FLECK_SPOT_TYPE_CODE A code for the categorization of pits, flecks and spots or combinations there of.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of PIT FLECK SPOT TYPE CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_PTHLGCL_ABNORMALITY_CODE*Description:*

A code for a pathological abnormality.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PATHOLOGICAL_ABNORMALITY_CODE A code for a pathological indicator.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of PATHOLOGICAL ABNORMALITY CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_PTHLGCL_ABNRML_QLFR_CODE*Description:*

A qualifying description code of the Pathological Abnormality Code.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PTHLGCL_ABNRML_QLFR_CODE A qualifying description code of the Pathological Abnormality Code.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of PTHLGCL ABNRML QLFR CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_PTHLGCL_RISK_GROUP_CODE*Description:*

A risk assigned from specific combinations of pathological indicators, tree age, tree species and geographic locaion.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PATHOLOGICAL_RISK_GROUP_CODE A field assigned from specific combinations of pathological indicators, tree age, tree species and geographic locaion.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of PATHOLOGICAL RISK GROUP CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_QUALITY_CLASS_PRE1979_CODE*Description:*

A subjective measure of stem quality in terms of timber potential. This measurement was discontinued as of 1979.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	QUALITY_CLASS_PRE1979_CODE a subjective measure of stem quality in terms of timber potential.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of QUALITY CLASS PRE1979 CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_SAMPLE_TYPE_CODE*Description:*

A code indicating the type of the sample.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SAMPLE_TYPE_CODE A code indicating the type of the sample.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of SAMPLE TYPE CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_SHADE_CODE*Description:*

A code representing patterning and/or shading.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_SHADE_CODE	NOT NULL	VARCHAR2(10)
	A code for the patterning and/or shading of the decay or stain.		
2	DESCRIPTION	NOT NULL	VARCHAR2(500)
	The description of DECAY SHADE CODE.		
3	EFFECTIVE_DATE	NOT NULL	DATE
	The date that the code becomes effective.		
4	EXPIRY_DATE	NOT NULL	DATE
	The date that the code expires.		
5	UPDATE_TIMESTAMP	NULL	DATE
	The date that the code was last updated.		

Table: DSC_SITE_CLASS_CODE*Description:*

A code for the class of stand productivity.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SITE_CLASS_CODE A code for the class of stand productivity (site class).	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of SITE CLASS CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_TOP_UTILIZATION_CODE*Description:*

A code that reflects the quality of the tree in terms of how it can be utilized.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TOP_UTILIZATION_CODE A code that reflects the quality of the tree in terms of how it can be utilized.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of UTILIZATION CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_TREESCTN_DECAY*Description:*

Noted incidents of decay that pertain to a sample tree section.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECAY_ID	NOT NULL	NUMBER(7)
	primary key		
2	DECAY_INCIDENT	NOT NULL	VARCHAR2(1)
	An assigned alphabetic identifier associated with a specific decay or stain occurrence in the tree section. Valid for A - J and S.		
3	DECAY_LENGTH	NULL	NUMBER(4,2)
	The length of the decay in m within a tree section.		
4	UPPER_END_WIDTH	NULL	NUMBER(5,1)
	The width, or widest dimension, in cm, of the decay occurrence as it appears at the upper tree section end. (Circular decay shapes will have equal width and breadth).		
5	UPPER_END_BREADTH	NULL	NUMBER(5,1)
	The breadth, or narrowest dimension, in cm, of the decay occurrence as it appears at the upper tree section end.		
6	DECAY_VOLUME	NULL	NUMBER(8,4)
	The volume of the decay within a tree section. A derived field, retained for present database use.		
7	SECTION_NO	NOT NULL	NUMBER(3)
	A number assigned to a section of the tree which has been cut or otherwise designated as logs. (A felled tree is bucked into 2.5 or 5.0 m logs or sections which are numbered consecutively from one, the stump, to the tree top. Secondary fork stems, if any, are also sectioned and numbered from the highest main stem section number). Section numbers are unique within a tree.		
8	TREE_LEADER_ID	NOT NULL	NUMBER(10)
	Primary key for this table as business key may have NULL values for Tree Leader No.		
9	DECAY_SHAPE_CODE	NULL	VARCHAR2(10)
	A code for the general description of the decay as it appears on the end of the tree section.		
10	DECAY_PERCENTAGE_CODE	NULL	VARCHAR2(10)
	The relative percentage of each type of decay where more than one type of decay occurs in a tree section.		

Foreign Keys:

DSTD1_DPC_FK
 DECAY_PERCENTAGE_CODE = DSC_DECAY_PERCENTAGE_CODE.DECAY_PERCENTAGE_CODE

DSTD1_DSHDC_FK
 DECAY_SHAPE_CODE = DSC_DECAY_SHAPE_CODE.DECAY_SHAPE_CODE

DSTD1_DSTS_FK
 SECTION_NO = DSC_DECAY_SAMPLE_TREE_SECTION.SECTION_NO
 TREE_LEADER_ID = DSC_DECAY_SAMPLE_TREE_SECTION.TREE_LEADER_ID

Indexes:

DSTD1_DPC_FK_I
 DECAY_PERCENTAGE_CODE

DSTD1_DSHDC_FK_I
 DECAY_SHAPE_CODE

DSTD1_DSTS_FK_I
 SECTION_NO
 TREE_LEADER_ID

Table: DSC_TREE_SCTN_PTHLGY*Description:*

Noted pathological characteristics that pertain to a sample tree section.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PATHOLOGY_ID primary id	NOT NULL	NUMBER
2	DECAY_SEVERITY A subjectively assigned representation of the perceived magnitude of severity of the decay associated with the pathogen.	NULL	NUMBER(1)
3	PATH_START_HEIGHT The lower tree height in m, at which a pathological abnormality occurs occurs.	NULL	NUMBER(5,2)
4	PATH_END_HEIGHT The upper tree height in m, at which the pathological indicator with a PATH IND START HEIGHT ends. Valid for pathological codes: 3 - scar 5 - frost crack 8 - dead or broken up 9 - miscellaneous	NULL	NUMBER(5,2)
5	PATH_QUANTITY The quantity of the pathological indicators located at the HT AT OCCURENCE.	NULL	NUMBER(5,2)
6	HEIGHT_AT_OCCURENCE The tree height in m, at which the Seciton Pathological Indicator occurs.	NULL	NUMBER(5,2)
7	SECTION_NO A number assigned to a section of the tree which has been cut or otherwise designated as logs. (A felled tree is bucked into 2.5 or 5.0 m logs or sections which are numbered consecutively from one, the stump, to the tree top. Secondary fork stems, if any, are also sectioned and numbered from the highest main stem section number). Section numbers are unique within a tree.	NOT NULL	NUMBER(3)
8	TREE_LEADER_ID Primary key for this table as business key may have NULL values for Tree Leader No.	NOT NULL	NUMBER(10)
9	PATHOLOGICAL_ABNORMALITY_CODE A code for a pathological indicator.	NOT NULL	VARCHAR2(10)
10	PTHLGCL_ABNRML_QLFR_CODE A qualifying description code of the Pathological Abnormality Code.	NULL	VARCHAR2(10)

Foreign Keys:

DSTSP_DSTS_FK
SECTION_NO = DSC_DECAY_SAMPLE_TREE_SECTION.SECTION_NO
TREE_LEADER_ID = DSC_DECAY_SAMPLE_TREE_SECTION.TREE_LEADER_ID
DSTSP_PAC_FK
PATHOLOGICAL_ABNORMALITY_CODE =
DSC_PTHLGCL_ABNORMALITY_CODE.PATHOLOGICAL_ABNORMALITY_CODE
DSTSP_PAQC_FK
PTHLGCL_ABNRML_QLFR_CODE = DSC_PTHLGCL_ABNRML_QLFR_CODE.PTHLGCL_ABNRML_QLFR_CODE

Indexes:

DSTSP_DSTS_FK_I
SECTION_NO
TREE_LEADER_ID
DSTSP_PAC_FK_I

Table: DSC_TREE_SCTN_PTHLGY (cont'd)*Indexes:*

PATHOLOGICAL_ABNORMALITY_CODE
DSTSP_PAQC_FK_I
PTHLGCL_ABNRML_QLFR_CODE

Table: DSC_TREE_SECTION_TYPE_CODE*Description:*

A code to signify the type of separation between the upper section end and the next higher section. Sections can be defined by a prescribed measured interval (by bucking), or the occurrence of a break, fork or crook.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TREE_SECTION_TYPE_CODE A code to signify the type of separation between the upper section end and the next higher section. Sections can be defined by a prescribed measured interval (by bucking), or the occurrence of a break, fork or crook.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of SECTIONING TYPE CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_TREE_SPECIES_CODE*Description:*

A code for the botanical species name of the tree.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TREE_SPECIES_CODE A code for the botanical species name of the tree.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of TREE SPECIES CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE

Table: DSC_WOOD_STRENGTH_CODE*Description:*

A code for the wood strength characteristics associated with the decay occurrence.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WOOD_STRENGTH_CODE A code for the wood strength characteristics associated with the decay occurrence.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The description of WOOD STRENGTH CODE.	NOT NULL	VARCHAR2(500)
3	EFFECTIVE_DATE The date that the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date that the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date that the code was last updated.	NULL	DATE