

Table and Column Definitions Report

Filename:	H:\tmp\FREP_TABLE2.pdf
Run by:	GDUFF
Report Date:	May 5, 2008 02:16 PM
Total Pages:	87
Total Tables:	64

Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	FREP
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: BEC_CODE_TABLE*Description:*

A code used to designate a large geographic area having similar patterns of energy flow, vegetation, and soils as a result of a broad, homogeneous macroclimate. Biogeoclimatic Zones are unique within the province of British Columbia.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BEC_CODE_ID A code to uniquely identify a biogeoclimatic unit. <i>Change Log:</i>	NOT NULL	NUMBER(5)

Table: BEC_SITE_SERIES*Description:*

Within the BEC system, all sites capable of producing the same mature or climax plant communities within a biogeoclimatic subzone or variant.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BEC_SITE_SERIES_ID Assigned numeric identifier for a site series unique within a biogeoclimatic unit.	NOT NULL	NUMBER(5)

Table: BGC_ZONE_CODE*Description:*

Describes a Biogeoclimatic (BGC) zone.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BGC_ZONE_CODE The code that represents a specific Biogeoclimatic (BGC) zone	NOT NULL	VARCHAR2(4)

Table: BIODIVERSITY_CHECKLIST*Description:*

A checklist used by district staff to assess the stand-level biodiversity in an accepted opening

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BIODIVERSITY_CHECKLIST_ID A unique ID to identify a particular Biodiversity checklist. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(10)
2	<i>Miscellaneous:</i> FREP_RESOURCE_VALUE_ID A unique ID to identify the resource value. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(10)
3	<i>Miscellaneous:</i> FREP_CHECKLIST_STATUS_CODE The workflow status of the checklist.	NULL	VARCHAR2(3)
4	FREP_WTP_OVERRIDE User entered Gross area if it differs from the RESULTS calculated Gross Area. This temporary field is specific to the FRPA Resource Evaluation Program and should not be used by other MoFR applications.	NULL	NUMBER(7,2)
7	LOCATION_DESCRIPTION General description of location, e.g. Furry Creek	NULL	VARCHAR2(50)
8	PATCH_RESERVES_ON_BLOCK Number of patch reserves contained in the block. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	NUMBER(2)
9	<i>Miscellaneous:</i> PATCH_RESERVES_SAMPLED Record the number of patch reserves that were sampled. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	NUMBER(2)
10	<i>Miscellaneous:</i> INNOVATIVE_PRACTICE_IND indicates if innovative forest practices were implemented on the block	NULL	VARCHAR2(1)
11	INNOVATIVE_PRACTICES_COMMENT A comment that captures the if there were any innovative and/or unique forest practices used on this block? <i>Examples include:</i> wildlife, tree creation, re-distribution of CWD, small piles of CWD for habitat,	NULL	VARCHAR2(2000)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	leaving hollow logs, truly boring practices, other. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>		
12	<i>Miscellaneous:</i> INVASIVE_PLANT_INDICATOR This is an indicator to flag (yes or no) the presence of invasive plants background: ----- The term "invasive plant" is any invasive alien plant species that has the potential to pose undesirable or detrimental impacts on humans, animals or ecosystems. Invasive plants have the capacity to establish quickly and easily on new sites, and the have widespread negative economic, social and environmental impacts. Many invasive plants in British Columbia are "alien" to North America, and may also be referred to as "non-native", "exotic" or "introduced" plant species Invasive plants can cause problems such as: Threatening fragile ecosystems Reducing biodiversity Costing our economy millions of dollars each year	NULL	VARCHAR2(1)
13	INVASIVE_PLANT_COMMENT Any general comments on the invasive plants observed. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	VARCHAR2(2000)
14	<i>Miscellaneous:</i> BIODIVERSITY_OPINION_CODE A unique code value for the Evaluator's opinion.	NULL	VARCHAR2(3)
15	EVALUATOR_OPINION_COMMENT Assessment comments made by the Evaluator. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	VARCHAR2(2000)
16	<i>Miscellaneous:</i> NOTE_DESCRIPTION checklist note where evalutors can information that isn't consistant with the other comment fields in the checklist	NULL	VARCHAR2(2000)
17	FREP_SITE_ACCESS_CODE This is the code value for the access used to get to the block - the FREP selected site.	NULL	VARCHAR2(4)
19	BLOCK_ACCESS_TIME Time spent getting to the block.	NULL	NUMBER(6,2)
21	HOURS_ON_BLOCK Number of hours spent measuring on the block.	NULL	NUMBER(6,2)
23	PEOPLE_ON_BLOCK Number of people who worked on the checklist in the field.	NULL	NUMBER(2)
24	REVISION_COUNT	NULL	NUMBER(5)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Revision count used to serialize update of an entry in an Sql table. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>		
25	<i>Miscellaneous:</i> ENTRY_USERID The userid who entered the information <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	VARCHAR2(30)
26	<i>Miscellaneous:</i> ENTRY_TIMESTAMP The date and time of the entry. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	DATE
30	<i>Miscellaneous:</i> UPDATE_USERID the userid who updated the information. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	VARCHAR2(30)
31	<i>Miscellaneous:</i> UPDATE_TIMESTAMP The date and time of the last update. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	DATE

Foreign Keys:

BIOC_BIOOCD_FK
 BIODIVERSITY_OPINION_CODE = BIODIVERSITY_OPINION_CODE.BIODIVERSITY_OPINION_CODE
 BIOC_FREPCHKCOD_FK
 FREP_CHECKLIST_STATUS_CODE = FREP_CHECKLIST_STATUS_CODE.FREP_CHECKLIST_STATUS_CODE
 BIOC_FREPRV_FK
 FREP_RESOURCE_VALUE_ID = FREP_RESOURCE_VALUE.FREP_RESOURCE_VALUE_ID
 BIOC_FREPSACD_FK
 FREP_SITE_ACCESS_CODE = FREP_SITE_ACCESS_CODE.FREP_SITE_ACCESS_CODE

Indexes:

BIOC_BIOOCD_FK_I

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

BIODIVERSITY_OPINION_CODE
BIOC_FREPCHKCD_FK_I
FREP_CHECKLIST_STATUS_CODE
BIOC_FREPRV_FK_I
FREP_RESOURCE_VALUE_ID
BIOC_FREPSACD_FK_I
FREP_SITE_ACCESS_CODE

Notes:

Change Log:

Outstanding Issues:

Implementation Notes:

Miscellaneous:

Table: BIODIVERSITY_CHKLIST_ATTACH*Description:*

An attachment is a supplemental piece of document. Some choices include a photograph, a document, or a map.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BIODIVERSITY_CHKLIST_ATTACH_ID A unique id for the attachment.	NOT NULL	NUMBER(10)
2	BIODIVERSITY_CHECKLIST_ID A unique ID to identify a particular Biodiversity checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
3	DESCRIPTION A meaningful user-defined description of subject matter For example, a map of district 28, or the photo of a stream and the name of the stream.	NOT NULL	VARCHAR2(120)
4	FILE_NAME Fully qualified path name of the file location.	NOT NULL	VARCHAR2(120)
5	MIME_TYPE_CODE The Code for the MIME ttype.	NOT NULL	VARCHAR2(3)
6	FILE_CONTENTS The actual file contents.	NOT NULL	IMAGE
7	ENTRY_USERID the userid of who entered the information.	NOT NULL	VARCHAR2(30)
8	ENTRY_TIMESTAMP The date/time of when the information is entered..	NOT NULL	DATE
10	UPDATE_USERID The userid who updated the information.	NOT NULL	VARCHAR2(30)
12	UPDATE_TIMESTAMP The date the information is updated.	NOT NULL	DATE

Foreign Keys:

BIOCA_BIOC_FK
 BIODIVERSITY_CHECKLIST_ID = BIODIVERSITY_CHECKLIST.BIODIVERSITY_CHECKLIST_ID
 BIOCA_BIORIPMTCD_FK
 MIME_TYPE_CODE = MIME_TYPE_CODE.MIME_TYPE_CODE

Indexes:

BIOCA_BIOC_FK_I
 BIODIVERSITY_CHECKLIST_ID
 BIOCA_BIORIPMTCD_FK_I
 MIME_TYPE_CODE

Table: BIODIVERSITY_EVALUATOR_NAME*Description:*

The evaluator is a person who fills out a checklist in the field.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	EVALUATOR_NAME_ID	NOT NULL	NUMBER(10)
2	BIODIVERSITY_CHECKLIST_ID	NOT NULL	NUMBER(10)
	A unique ID to identify a particular Biodiversity checklist.		
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
3	EVALUATOR_USERID	NOT NULL	VARCHAR2(64)
	UserId of the person who is an evaluator.		
4	EVALUATOR_TEAM_LEAD_IND	NOT NULL	VARCHAR2(1)
	Indicator to uniquely identify the team leader for each checklist.		
5	REVISION_COUNT	NOT NULL	NUMBER(5)
	Revision count used to serialize update of an entry in an Sql table.		
6	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	UserId of the person who entered the record.		
7	ENTRY_TIMESTAMP	NOT NULL	DATE
	Date the record was entered.		
8	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	UserId of the person who updated the record.		
10	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date the record was updated.		

Foreign Keys:

BIO_EN_BIOC_FK
 BIODIVERSITY_CHECKLIST_ID = BIODIVERSITY_CHECKLIST.BIODIVERSITY_CHECKLIST_ID

Indexes:

BIO_EN_BIOC_FK_I
 BIODIVERSITY_CHECKLIST_ID

Table: BIODIVERSITY_INVASIVE_PLANT*Description:*

Describes and identifies the species and distribution of invasive plant species found in the opening.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	BIODIVERSITY_INVASIVE_PLANT_ID unique identifier of and invasive plant species and it's distribution in an opening	NOT NULL	VARCHAR2(10)
3	BIODIVERSITY_CHECKLIST_ID A unique ID to identify a particular Biodiversity checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
4	SPECIES_CODE Unique key for identifying certain species.	NOT NULL	VARCHAR2(3)
5	GENUS_CODE A unique code describing the invasive plant species.	NOT NULL	VARCHAR2(4)
6	INVASIVE_PLANT_DISTRIB_CODE A unique code to describe the invasive plant distribution.	NOT NULL	VARCHAR2(1)
7	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
9	ENTRY_USERID The user id who entered the information.	NOT NULL	VARCHAR2(30)
11	ENTRY_TIMESTAMP The date/time when the information is entered.	NOT NULL	DATE
14	UPDATE_USERID The userid who updated the information.	NOT NULL	VARCHAR2(30)
15	UPDATE_TIMESTAMP The date/time when the information is updated.	NOT NULL	DATE

Unique Constraints:

BIOIP_BIOIP_INV_PLT_UK
INVASIVE_PLANT_DISTRIB_CODE
GENUS_CODE
SPECIES_CODE
BIODIVERSITY_CHECKLIST_ID

Foreign Keys:

BIOIP_BIOC_FK
BIODIVERSITY_CHECKLIST_ID = BIODIVERSITY_CHECKLIST.BIODIVERSITY_CHECKLIST_ID
BIOIP_IPDC_FK
INVASIVE_PLANT_DISTRIB_CODE = INVASIVE_PLANT_DISTRIB_CODE.INVASIVE_PLANT_DISTRIB_CODE
BIOIP_IPS_FK
GENUS_CODE = INVASIVE_PLANT_SPECIES.GENUS_CODE
SPECIES_CODE = INVASIVE_PLANT_SPECIES.SPECIES_CODE

Indexes:

BIOIP_BIOC_FK_I
BIODIVERSITY_CHECKLIST_ID
BIOIP_IPDC_FK_I
INVASIVE_PLANT_DISTRIB_CODE
BIOIP_IPS_FK_I
GENUS_CODE
SPECIES_CODE

Table: BIODIVERSITY_OPINION_CODE*Description:*

Describes the evaluator's opinions and comments.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BIODIVERSITY_OPINION_CODE A unique code value for the Evaluator's opinion.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the evaluator assessment code value. This is a subjective ranking of the cutblock which will be used as a check against the objective data collectedd. Assessment choices are: Poorly, Moderately, Well, Excellent, or "Don't Know"	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Relates to Form C, Side 1, Section 14. the date the code value becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE the date the code value expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the assessment code is updated.	NOT NULL	DATE

Table: BIODIVERSITY_PLOT*Description:*

A selected area within an opening used for sampling

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BIODIVERSITY_PLOT_ID A unique Id to identify the plot. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(10)
2	<i>Miscellaneous:</i> STRATUM_ID Unique ID - automatically entered here from field 3 on the Plot Identification section.	NOT NULL	NUMBER(10)
3	ASSESSOR_NAME The name of the person who completed the plot card. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	VARCHAR2(35)
4	<i>Miscellaneous:</i> UTM_SIGNAL Signifies that UTM signal is available	NULL	VARCHAR2(3)
5	PLOT_NUMBER Identifier for a specific plot within a STRATUM, WITHIN a BLOCK. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(3)
6	<i>Miscellaneous:</i> UTM_ZONE the UTM system uses 60 zones, each 6 degrees of longitude wide. Each zone extends from 80°S latitude to 84°N latitude. The zones are numbered, starting with 1 which runs from the 180° to the 174°W line of longitude, with numbers increasing as you move west . Collectively, these zones cover almost the entire planet, omitting only the Arctic Ocean in the north and central Antarctica in the South. There are five UTM zones in the province of B.C.. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	NUMBER(2)
7	<i>Miscellaneous:</i> UTM_EASTING This is the UTM East coordinate. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NULL	NUMBER(10)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
8	UTM_NORTHING This is the UTM North coordinate. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	NUMBER(10)
9	<i>Miscellaneous:</i> TREE_INDICATOR An indicator to identify when there are no trees in the plot. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	VARCHAR2(1)
10	<i>Miscellaneous:</i> BASAL_AREA_FACTOR The Basal Area Factor. The basal area factor is the number of units of basal area per hectare represented by each tree. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	NUMBER(2)
11	<i>Miscellaneous:</i> FIXED_AREA_RADIUS Record Fixed area radius in metres (15-50, recommend 30) Fixed area radius means the "Area of Review" zone <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	NUMBER(5,2)
12	<i>Miscellaneous:</i> FULL_COUNT_AREA The number of hectares to which the full count applies. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	NUMBER(6,2)
13	<i>Miscellaneous:</i> CWD_TRANSECT_INDICATOR This indicator signifies when there is NO cumulative Woody Debris in the plot. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NULL	VARCHAR2(1)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
14	FIRST_LEG_TRANSECT A transect leg is 15 metres -record the 1st compass bearing of the transect. This is used to help relocate the transect for auditing and future monitoring.Whole numbers only, between 0 and 360 <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NULL	NUMBER(3)
15	SECOND_LEG_TRANSECT A transect leg is 15 metres -record the 2nd compass bearing of the transect. This is used to help relocate the transect for auditing and future monitoring.Whole numbers only, between 0 and 360 <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NULL	NUMBER(3)
16	PLOT_COMMENT Plot specific comments.	NULL	VARCHAR2(2000)
17	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	NUMBER(5)
18	ENTRY_USERID The userid who entered the information.	NOT NULL	VARCHAR2(30)
19	ENTRY_TIMESTAMP The date and time of the entry.	NOT NULL	DATE
20	UPDATE_USERID The UserId who updated the information.	NOT NULL	VARCHAR2(30)
21	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Foreign Keys:

BIOPLOT_BIOS_FK
STRATUM_ID = BIODIVERSITY_STRATUM.STRATUM_ID

Indexes:

BIOPLOT_BIOS_FK_I
STRATUM_ID

Table: BIODIVERSITY_STAND_DETAIL*Description:*

a group of trees located on a plot

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BIODIVERSITY_STAND_ID A unique ID to identify the Biodiversity Stand.	NOT NULL	NUMBER(10)
2	BIODIVERSITY_PLOT_ID A unique Id to identify the plot. <i>Change Log:</i>	NOT NULL	NUMBER(10)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
3	TREE_NUMBER Unique numeric identifier for a given tree on the plot.	NOT NULL	NUMBER(3)
4	FREP_TREE_SPECIES_CODE Code value for tree species.	NOT NULL	VARCHAR2(3)
5	WILDLIFE_TREE_DECAY_CLASS_CODE A code value to representing the wildlife tree classification index value. Example follows: Wildlife Tree Classification example: 1- Live, healthy, no obvious decay 2- Live but unhealthy, internal decay evident, declining, deformed 3- Recently dead, wood sound, fine branches intact 4- Dead, wood relatively sound, fine branches fallen but larger limbs intact 5- Dead, wood becoming spongy, most limbs fallen, bark mostly intact 6- Dead, wood soft, limbs fallen, more than half the bark fallen, greater than 2/3 of tree height remaining erect 7- Dead, wood soft, most of bark sloughed, less than 2/3 of tree height erect	NOT NULL	VARCHAR2(3)
6	DBH The Diameter at Breast Height. Diameter in cm (+ - 10%)	NOT NULL	NUMBER(4,1)
7	HEIGHT Height of tree in metres (+ - 10%)	NOT NULL	NUMBER(3,1)
8	COMMENTS Comments on individual trees in the plot.	NULL	VARCHAR2(250)
9	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
10	ENTRY_USERID The UserId who entered the information.	NOT NULL	VARCHAR2(30)
12	ENTRY_TIMESTAMP The date and time of the entry.	NOT NULL	DATE
14	UPDATE_USERID The userid who updated the information.	NOT NULL	VARCHAR2(30)
16	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Foreign Keys:

BIOSD_BIOPLOT_FK
BIODIVERSITY_PLOT_ID = BIODIVERSITY_PLOT.BIODIVERSITY_PLOT_ID

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

BIOSD_BIOWTTCD_FK
WILDLIFE_TREE_DECAY_CLASS_CODE =
WILDLIFE_TREE_DECAY_CLASS_CODE.WILDLIFE_TREE_DECAY_CLASS_CODE
BIOSD_FTS_CODE_FK
FREP_TREE_SPECIES_CODE = FREP_TREE_SPECIES_CODE.FREP_TREE_SPECIES_CODE

Indexes:

BIOSD_BIOPLOT_FK_I
BIODIVERSITY_PLOT_ID
BIOSD_BIOWTTCD_FK_I
WILDLIFE_TREE_DECAY_CLASS_CODE
BIOSD_FTS_CODE_FK_I
FREP_TREE_SPECIES_CODE

Table: BIODIVERSITY_STRATA_TYPE_CODE*Description:*

Defines the type of stratum.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BIODIVERSITY_STRATA_TYPE_CODE The code value to identify the type of STRATA within a given BLOCK. Strata is a harvested area or Patch reserve.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the strata type code value <i>Change Log:</i>	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The effective date of the strate type code value <i>Change Log:</i>	NOT NULL	DATE
4	EXPIRY_DATE The expiry date of the Type code value <i>Change Log:</i>	NOT NULL	DATE
5	UPDATE_TIMESTAMP Date and time entity is updated <i>Change Log:</i>	NOT NULL	DATE

Table: BIODIVERSITY_STRATUM*Description:*

A stratum is a segregation within a population that contains materials that are essentially similar. A typical stratum in a population might be the spruce stratum or fir stratum. The Stratum layer is subjectively set by the Forester.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRATUM_ID Unique ID - automatically entered here from field 3 on the Plot Identification section.	NOT NULL	NUMBER(10)
6	BIODIVERSITY_STRATA_TYPE_CODE The code value to identify the type of STRATA within a given BLOCK. Strata is a harvested area or Patch reserve.	NULL	VARCHAR2(3)
11	BIODIVERSITY_CHECKLIST_ID A unique ID to identify a particular Biodiversity checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
16	STRATUM_NUMBER user assigned stratum number. must be unique within the checklist.	NULL	VARCHAR2(10)
22	STRATUM_SUMMARY_DATE The date the Strata Summary is completed.	NULL	DATE
27	STRATUM_SUMMARY_ASSESSOR_NAME The name of the Assessor who completed the Stratum Summary.	NULL	VARCHAR2(35)
29	STRATUM_PLOT_COUNT Number of plots established in the reserve/strata.	NOT NULL	NUMBER(2)
30	STRATUM_SIZE The strata size in hectares.	NULL	NUMBER(6,2)
35	STRATUM_CONSISTENT_MAP_IND Options: Yes, No, Not Mapped	NOT NULL	VARCHAR2(1)
36	STRATUM_ESTIMATED_SIZE The estimated size, in hectares, of the stratum.	NULL	NUMBER(5,2)
41	PATCH_LOCATION_CODE A code to describe the patch location. Examples are "internal to block", "edge of block" and "external/not touching block" <i>Change Log:</i>	NULL	VARCHAR2(4)
46	PATCH_ESTIMATED_OLDST_TREE_AGE The estimated age of the oldest tree. This can be determined by using the pre-harvest inventory label, knowledge, or bore the tree. Confirmed through field verification ? occasional counting the rings on stumps.	NULL	NUMBER(3)
51	PATCH_GENERAL_COMMENT General comments about the Patch.	NULL	VARCHAR2(2000)
52	PATCH_WINDTHROW_PCT The percentage of blowdown or windthrow in a Patch. Typical value choices are: < 5%, 5-15%, 16-30%, >30%	NULL	VARCHAR2(7)
57	CONSTRAINT_INDICATOR This indicates when there are NO constraint indicators present.	NULL	VARCHAR2(1)
62	WETLAND_PCT The approximate percentna of wetland in the Stratum.	NULL	NUMBER(3)
67	HARVEST_AREA_CODE The code value to identify the type of harvest area within a stratum.	NOT NULL	VARCHAR2(3)
72	RIPARIAN_MANAGEMENT_ZONE_PCT The ercentage of the RMZ or Riparian Management Zone.	NULL	NUMBER(3)
77	RIPARIAN_RESERVE_ZONE_PCT The percentage of the RRZ or Riparian Reserve Zone.	NULL	NUMBER(3)
82	ROCK_OUTCROP_PCT Percentage of rock outcroppings.	NULL	NUMBER(3)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
83	NON_COMMERCIAL_BRUSH_PCT Percentage of non commercial brush.	NULL	NUMBER(3)
88	NON_MERCH_TIMBER_PCT Percentage of non merchantable timber	NULL	NUMBER(3)
93	SENSITIVE_SOIL_PCT Percentage of sensitivie soil.	NULL	NUMBER(3)
	Sensitive soils: forest land areas that have a moderate to very high hazard for soil compaction, erosion, displacement, mass wasting or forest floor displacement		
98	UNG_HOOF_ANIMAL_WINTERING_PCT Percentage of Ungulate -hoofed animals-wintering areas.	NULL	NUMBER(3)
103	WILDLIFE_HABITAT_AREA_PCT Percentage of WildLife Habitat area.	NULL	NUMBER(3)
	Wildlife habitat area (WHA): defined in the Forest Practices Code of British Columbia Act Operational Planning Regulation as a mapped area of land that the Deputy Minister of Environment, Lands and Parks, or a person authorized by that deputy minister, and the chief forester, have determermined is necessary to meet the habitat requirements of one or more species of identified wildlife.		
108	OLD_GROWTH_MANAGEMENT_AREA_PCT Percentage of Old Growth Management Area (OGMA).	NULL	NUMBER(3)
113	RECREATION_FEATURE_PCT The percentage of recreation features .	NULL	NUMBER(3)
118	OTHER_CONSTRAINT The name of the other constraint.	NULL	VARCHAR2(50)
119	OTHER_CONSTRAINT_PCT The percent of the Other constraint.	NULL	NUMBER(3)
124	ECO_INDICATOR This indicates when there are NO Ecological anchors.	NULL	VARCHAR2(1)
129	BEAR_DEN_CNT A count of the bear dens.	NULL	NUMBER(3)
134	HIBERNACULUM_CNT The count of hibernaculum - a place in which an animal hibernates or overwinters.	NULL	NUMBER(3)
135	VET_TREE_CNT Vet tree/hectare (0, 1-10, 10-20, etc.)	NULL	NUMBER(3)
	A veteran tree in growth and yield, is a tree that is at least 30 years older than the age of the main stand. In multi-layered or complex-layered stands, a tree that is at least 100 years older than the oldest sample tree of the main stand.		
140	MINERAL_LICK_CNT A count of the mineral licks,	NULL	NUMBER(3)
145	LARGE_STICK_NEST_CNT A count of large stick nests.	NULL	NUMBER(3)
146	CAVITY_NEST_CNT A count of the number of cavity nests found.	NULL	NUMBER(3)
151	LARGE_HALLOW_TREE_CNT A count of the number of hallow trees found.	NULL	NUMBER(3)
156	LARGE_WITCHES_BROOM_CNT A count of the number of witches broom found.	NULL	NUMBER(3)
161	KARST_FEATURE_IND The number of Karst features found.	NULL	VARCHAR2(1)
166	LARGEST_TREE_IND A Yes or No indicator to identify the largest tree for the site (excluding veteran trees). <i>NEED FURTHER CLARIFICATION OF THIS INDICATOR.</i>	NULL	VARCHAR2(1)
171	CWD_HEAVY_CONCENTRATION_IND A Yes or No indicator for the presence of heavy CWD.	NULL	VARCHAR2(1)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Coarse Woody Debris (CWD): sound and rotting logs and stumps that provide habitat for plants, animals, and insects and a source of nutrients for soil development.		
176	ACTIVE_WILDLIFE_TRAILS_IND	NULL	VARCHAR2(1)
	A Yes or No indicator for the presence of wildlife trails.		
181	ACTIVE_WLT_CWD_FEEDING_IND	NULL	VARCHAR2(1)
	A Yes or No indicator for the presence of WLT/CWD feeding areas.		
182	UNCOMMON_TREE_SPECIES_IND	NULL	VARCHAR2(1)
	A Yes or No indicator to recognize the presence of uncommon tree species.		
187	OTHER_ECO_ANCHOR_CNT	NULL	NUMBER(3)
	A count of the Other ecological anchor.		
192	OTHER_ECO_ANCHOR_DESC	NULL	VARCHAR2(30)
	A short description of the other ecological anchor.		
197	CALC_CONSTRAINED_TOTAL	NULL	NUMBER(3)
	User entered percentage of constrained area in the stratum.		
202	BGC_ZONE_CODE	NOT NULL	VARCHAR2(4)
	The code that represents a specific Biogeoclimatic (BGC) zone		
207	BGC_SUBZONE_CODE	NULL	VARCHAR2(3)
	A code for the bio-geoclimatic sub-zone for the area.		
212	BGC_VARIANT	NULL	VARCHAR2(1)
	A code for the biogeoclimatic variant. A division of the BGC Subzone on the basis of differences in floristic composition of the zonal ecosystem, but usually on the basis of differences in the cover and vigour of the plant species.		
217	BGC_PHASE	NULL	VARCHAR2(1)
	A code for the biogeoclimatic phase. Accomodates the variation, resulting from local relief, in the regional climate of the subzones and variants.		
222	BEC_SITE_SERIES_CD	NULL	VARCHAR2(4)
	A number from 01 to 99 representing the soil moisture regime and soil nutrient regime of a site series, relative to other site series within a subzone or variant		
227	SITE_SERIES_PHASE_CD	NULL	VARCHAR2(3)
	A subdivision of a site series used when site or soil properties differ sufficiently to affect management prescriptions		
232	SERAL	NULL	VARCHAR2(4)
	The seral (often termed successional) classification in BEC is an integration of site and vegetation classifications with structural stage development.		
237	WINDTHROW_DISTRIBUTION_CODE	NULL	VARCHAR2(3)
	A code value to describe the distribution of windthrow (blowdown).		
242	OTHER_WINDTHROW_TREATMENT	NULL	VARCHAR2(50)
	windthrow treatment not matching codes from the Windthrow treatment code table		
247	VISUALS_PCT	NULL	NUMBER(3)
	Value for percentage of visuals.		
252	CULTURAL_HERITAGE_FEATURE_PCT	NULL	NUMBER(3)
	Value for percentage of cultural heritage feature.		
253	REVISION_COUNT	NOT NULL	NUMBER(5)
	Revision count used to serialize update of an entry in an Sql table.		
258	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	The userid who entered the information.		
263	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time of the entry.		
268	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	The Userid who updated the information.		
269	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time of the last update.		

Foreign Keys:

BIOS_BGCZONE_FK

BGC_ZONE_CODE = BGC_ZONE_CODE.BGC_ZONE_CODE

BIOS_BIOC_FK

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

BIODIVERSITY_CHECKLIST_ID = BIODIVERSITY_CHECKLIST.BIODIVERSITY_CHECKLIST_ID
BIOS_BIOPLCD_FK
PATCH_LOCATION_CODE = PATCH_LOCATION_CODE.PATCH_LOCATION_CODE
BIOS_BIOSTCD_FK
BIODIVERSITY_STRATA_TYPE_CODE =
BIODIVERSITY_STRATA_TYPE_CODE.BIODIVERSITY_STRATA_TYPE_CODE
BIOS_BIOWDCD_FK
WINDTHROW_DISTRIBUTION_CODE =
WINDTHROW_DISTRIBUTION_CODE.WINDTHROW_DISTRIBUTION_CODE
BIOS_HV_AREA_CD_FK
HARVEST_AREA_CODE = HARVEST_AREA_CODE.HARVEST_AREA_CODE

Indexes:

BIOS_BGCZONE_FK_I
BGC_ZONE_CODE
BIOS_BIOC_FK_I
BIODIVERSITY_CHECKLIST_ID
BIOS_BIOPLCD_FK_I
PATCH_LOCATION_CODE
BIOS_BIOSTCD_FK_I
BIODIVERSITY_STRATA_TYPE_CODE
BIOS_BIOWDCD_FK_I
WINDTHROW_DISTRIBUTION_CODE
BIOS_HV_AREA_CD_FK_I
HARVEST_AREA_CODE

Table: COARSE_WOODY_DEBRIS_DETAIL*Description:*

Coarse woody debris (CWD) reflects the abundance of dead and down coarse wood debris larger than or equal to 6cm in diameter. Course Woody Debris is a biotic variable representing return of elements and compounds stored in the tree stratum to the forest and riverine system by litter-fall and individual mortality. Competition, defoliation, and decay can return trees and shrubs to the forest floor at low rates between fires and floods. Course wood reaching the soil surface undergoes slow decomposition and releases stored elements and compounds for uptake by the plant community. Some components of wood resist decomposition and may remain in the pool of stored carbon and nutrients for long periods of time. A change in characteristic input of coarse wood can alter nutrient cycles. Course wood also represents the input of roughness by return of structure from the tree stratum.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	COARSE_WOODY_DEBRIS_DETAIL_ID unique numeric identifier for CWD .	NOT NULL	NUMBER(10)
2	BIODIVERSITY_PLOT_ID A unique Id to identify the plot. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(10)
3	<i>Miscellaneous:</i> LOG_NUMBER Unique numeric identifier for a given log in the stand on the plot. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(3)
4	<i>Miscellaneous:</i> FREP_TREE_SPECIES_CODE Code value for tree species.	NOT NULL	VARCHAR2(3)
5	CWD_DECAY_CLASS_CODE A code value for a decay classification index value.	NOT NULL	VARCHAR2(3)
6	LOG_DIAMETER the diameter of the log in cm (+ - 10%) <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(4,1)
7	<i>Miscellaneous:</i> LOG_LENGTH relates to the Course Woody Debris found. Log length represents the length of the log found in the woody debris. It is measured in Metres <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(3,1)
8	<i>Miscellaneous:</i> COMMENTS Any pertinent comments on individual trees in the plot.	NULL	VARCHAR2(250)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
9	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table. <i>Change Log:</i>	NOT NULL	NUMBER(5)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
10	ENTRY_USERID The UserId Id who entered the information.	NOT NULL	VARCHAR2(30)
12	ENTRY_TIMESTAMP The date and time of the entry.	NOT NULL	DATE
14	UPDATE_USERID The UserId who updated the information.	NOT NULL	VARCHAR2(30)
16	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Foreign Keys:

BIOCWDD_BIOPLOT_FK
 BIODIVERSITY_PLOT_ID = BIODIVERSITY_PLOT.BIODIVERSITY_PLOT_ID
 BIOCWDD_CWDDC_CD_FK
 CWD_DECAY_CLASS_CODE = CWD_DECAY_CLASS_CODE.CWD_DECAY_CLASS_CODE
 BIOCWDD_FTS_CODE_FK
 FREP_TREE_SPECIES_CODE = FREP_TREE_SPECIES_CODE.FREP_TREE_SPECIES_CODE

Indexes:

BIOCWDD_BIOPLOT_FK_I
 BIODIVERSITY_PLOT_ID
 BIOCWDD_CWDDC_CD_FK_I
 CWD_DECAY_CLASS_CODE
 BIOCWDD_FTS_CODE_FK_I
 FREP_TREE_SPECIES_CODE

Notes:

Change Log:

Outstanding Issues:

Implementation Notes:

Miscellaneous:

Table: CUT_BLOCK_OPEN_ADMIN*Description:*

An opening may have may have a cut block associated to it. In order for a FREP site to be eligible there has to be an associated open block. This entity will determine the FREP eligibility of an opening.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CUT_BLOCK_OPEN_ADMIN_ID A unique ID to describe the cut block.	NOT NULL	NUMBER(10)

Table: CWD_DECAY_CLASS_CODE*Description:*

A Ministry classification to indicate the type of coarse woody debris decay observed.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CWD_DECAY_CLASS_CODE A code value for a decay classification index value.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION description of decay code. Values are 1, 2, 3, 4 as defined in the FREP Biodiversity Protocol	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE effective date of decay code	NOT NULL	DATE
4	EXPIRY_DATE expiry date of decay code	NOT NULL	DATE
5	UPDATE_TIMESTAMP date the record was last updated	NOT NULL	DATE

Table: DISTURBANCE_CODE*Description:*

A lookup code table that describes the reason for the disturbance.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DISTURBANCE_CODE The code value for disturbance code. <i>Change Log:</i>	NOT NULL	VARCHAR2(3)

Table: EUSER*Description:*

MoF table containing all the userids . the EUSER table is replacing the MOF_USER table.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	EUSER_ID Unique key for MOF users	NOT NULL	NUMBER(10)

Table: FILE_CLIENT_TYPE_CODE*Description:**Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FILE_CLIENT_TYPE_CODE	NOT NULL	VARCHAR2(1)

Table: FOREST_CLIENT*Description:*

Any company or individual who is dealing, has dealt or plans to deal with the Ministry. This is effectively the name and address list for the Ministry.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)

Table: FREP_CHECKLIST_ANSWER_CODE*Description:*

details the possible answers to riparian checklist questions

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 6	FREP_CHECKLIST_ANSWER_CODE unique code for possible answers to riparian checklist questions	NOT NULL	VARCHAR2(3)
7	DESCRIPTION description of possible answers to riparian checklist questions	NOT NULL	VARCHAR2(120)
8	EXPIRY_DATE date the record expires	NOT NULL	DATE
9	EFFECTIVE_DATE date the record becomes effective	NOT NULL	DATE
10	UPDATE_TIMESTAMP date the record was last updated	NOT NULL	DATE

Table: FREP_CHECKLIST_STATUS_CODE*Description:*

The workflow status of the checklist. Possible workflow statuses are : ACTIVE,SUBMITTED . Assessors need to identify where in the workflow the checklists are. A checklist with an ACTIVE status means it is being worked on. . A status of SUBMITTED means the the checklist is completed.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_CHECKLIST_STATUS_CODE The workflow status of the checklist.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A description of the workflow status.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE the date the checklist status code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The Date the code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the informaation is updated.	NOT NULL	DATE

Table: FREP_EVALUATION_YEAR*Description:*

This entity contains the header information for a district random list

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	EFFECTIVE_YEAR The FREP SITE list evaluation year. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(4)
2	<i>Miscellaneous:</i> FREP_EVAL_YEAR_STATUS_CODE The evaluation status.	NOT NULL	VARCHAR2(3)
3	MAX_HARVEST_COMPLETE_DATE Latest allowable harvest complete date for blocks selected for inclusion in the FREP District Random List.	NULL	DATE
4	MIN_HARVEST_COMPLETE_DATE Oldest allowable harvest complete date for blocks selected for inclusion in the FREP District Random List.	NULL	DATE
5	MIN_GROSS_AREA Minimum gross area for blocks selected for inclusion in the FREP District Random List.	NULL	NUMBER(9,4)
6	MAX_SITES_PER_DISTRICT Maximum number of blocks that can be selected for inclusion in the FREP District Random List for a single district.	NULL	NUMBER(3)
7	GENERATION_COMMENTS A description/explanation of the criteria used to generate the District Random List.	NULL	VARCHAR2(4000)
8	REVISION_COUNT Revision count used to serialize update of an entry in a Sql table.	NOT NULL	NUMBER(5)
9	ENTRY_USERID The userid who entered the information. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	VARCHAR2(30)
10	<i>Miscellaneous:</i> ENTRY_TIMESTAMP The date and time of the entry. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	DATE
11	<i>Miscellaneous:</i> UPDATE_USERID the userid who updated the information. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	VARCHAR2(30)
12	<i>Miscellaneous:</i> UPDATE_TIMESTAMP The date and time of the last update. <i>Change Log:</i>	NOT NULL	DATE

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		

Foreign Keys:

FREPEY_FREPEYSCD_FK
FREPEY_FREPEYSCD_FK = FREP_EVAL_YEAR_STATUS_CODE.FREP_EVAL_YEAR_STATUS_CODE

Indexes:

FREPEY_FREPEYSCD_FK_I
FREPEY_FREPEYSCD_FK_I

Table: FREP_EVAL_YEAR_STATUS_CODE*Description:*

The selection status associated with the randomly generated FREP SELECTED SITE. A selected site be Locked or Active. Locked implies no further changes are allowed. Active, means changes may occur.

FREP Sites are connected to a specific year in a particular status, which remains unchanged once the evaluation year is locked down.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_EVAL_YEAR_STATUS_CODE The evaluation status.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the unique status code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the status becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date the status expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the status is updated.	NOT NULL	DATE

Table: FREP_RESOURCE_VALUE*Description:*

A District Random List (DRL) site that has been accepted or rejected for a particular resource value. Resource values are currently Riparian or Biodiversity.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_RESOURCE_VALUE_ID A unique ID to identify the resource value. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	NUMBER(10)
2	FREP_RESOURCE_VALUE_STAT_CODE This is the FREP SITE status code.	NOT NULL	VARCHAR2(3)
3	FREP_RESOURCE_VALUE_TYPE_CODE This is the code to represent the resource value type.	NOT NULL	VARCHAR2(3)
4	FREP_SELECTED_SITE_ID A unique identifier for a FREP Site. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	NUMBER(10)
5	ASSIGNED_TO_NAME The individual ,within the assignment group, who is assigned to the resource value. This is a free format field. It could contain a valid Userid, a full name, or an abridged name. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NULL	VARCHAR2(30)
6	EVALUATION_DATE Date the evaluation was carried out.	NULL	DATE
7	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	NUMBER(5)
8	ENTRY_USERID The Userid who entered the information. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	VARCHAR2(30)
9	UPDATE_TIMESTAMP	NOT NULL	DATE

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	The date and time of the last update. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>		
10	FREP_SITE_RESOURCE_REASON_CODE The code of the frep resource value's status	NULL	VARCHAR2(3)
11	ASSIGNMENT_GROUP The Group assigned to the resource value. This is a freeformat , district specific mechanism used to identify the group. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NULL	VARCHAR2(30)
12	ESTIMATED_COST An estimate of the cost to complete a given checklist . Estimates are assumed to be gross estimations of the cost to complete the checklist.	NULL	NUMBER(11,2)
13	ADDITIONAL_COMMENTS Additional comments for a particular resource value. Comments about how the estimate is complete, or the fact that the assigned-to resource is a contractor are two possible comments one would find here. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NULL	VARCHAR2(2000)
14	ENTRY_TIMESTAMP The date and time of the entry. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	DATE
15	UPDATE_USERID The userid who updated the information. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	VARCHAR2(30)
17	REJECTION_REASON Reason for rejecting the site for a specific resource value.	NULL	VARCHAR2(50)

Foreign Keys:

FREPRV_FREPRVTCDFK
 FREP_RESOURCE_VALUE_TYPE_CODE =

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

FREP_RESOURCE_VALUE_TYPE_CODE.FREP_RESOURCE_VALUE_TYPE_CODE
FREPRV_FREPSS_FK
FREP_SELECTED_SITE_ID = FREP_SELECTED_SITE.FREP_SELECTED_SITE_ID
FREPRV_FREPVSCD_FK
FREP_RESOURCE_VALUE_STAT_CODE =
FREP_RESOURCE_VALUE_STAT_CODE.FREP_RESOURCE_VALUE_STAT_CODE
FREPRV_FSRRC_FK
FREP_SITE_RESOURCE_REASON_CODE =
FREP_SITE_RESOURCE_REASON_CODE.FREP_SITE_RESOURCE_REASON_CODE

Indexes:

FREPRV_FREPRVTCDFK_I
FREP_RESOURCE_VALUE_TYPE_CODE
FREPRV_FREPSS_FK_I
FREP_SELECTED_SITE_ID
FREPRV_FREPVSCDFK_I
FREP_RESOURCE_VALUE_STAT_CODE
FREPRV_FSRRC_FK_I
FREP_SITE_RESOURCE_REASON_CODE

Table: FREP_RESOURCE_VALUE_STAT_CODE*Description:*

The status of the FREP site. Sites are either accepted or rejected or targeted.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_RESOURCE_VALUE_STAT_CODE This is the FREP SITE status code.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION This is a description of the code value that will describe the status of the site selection. Examples are : Accepted Rejected Targeted.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE This is the date the code value becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE This is the date the code value expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP This is the date the code value is updated.	NOT NULL	DATE

Table: FREP_RESOURCE_VALUE_TYPE_CODE*Description:*

The resource type. Biodiversity and Riparian are the two resource values.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_RESOURCE_VALUE_TYPE_CODE This is the code to represent the resource value type.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the value type. Presently, it is either BIODIVERSITY or RIPARIAN.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the type code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date the type code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the type code is updated.	NOT NULL	DATE

Table: FREP_SELECTED_SITE*Description:*

A FREP SITE is a block within an opening. Any block that is part of the random list must have harvesting completed to be a possible candidate. However FREP users can target any block associated to an Opening. The system will carry some historical/snapshot of data about the block and opening as the business requires to know what the key data looked like at a point in time when the block is added as a selected site. This will allow the business to go back and see what that data looked like while also being able to link to the current data within RESULTS of FTA.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	FREP_SELECTED_SITE_ID A unique identifier for a FREP Site. <i>Change Log:</i>	NOT NULL	NUMBER(10)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
10	OPENING_ID Opening Id obtained from Cut_block_open_admin at the point of insertion either by random list generation or targeting of the site. The opening id is historical in nature and will not be updated.	NOT NULL	NUMBER(10)
11	CUT_BLOCK_OPEN_ADMIN_ID A unique ID to describe the cut block.	NOT NULL	NUMBER(10)
16	ORG_UNIT_NO Unique identifier for an organizational unit within the Ministry of Forests.	NOT NULL	NUMBER(10)
21	RANDOM_LIST_ORDER_NUMBER Randomly generated list order number. <i>Change Log:</i>	NULL	NUMBER(6)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
22	EFFECTIVE_YEAR The FREP SITE list evaluation year. <i>Change Log:</i>	NOT NULL	NUMBER(4)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
23	FREP_SELECTED_SITE_CODE This is the code value for the District site selected from the Generated master list. <i>Change log:</i>	NOT NULL	VARCHAR2(3)
28	DISTURBANCE_CODE The code value for disturbance code. <i>Change Log:</i>	NULL	VARCHAR2(3)
33	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NULL	VARCHAR2(8)
34	MAPSHEET_GRID NTG or BCGS grid. Values are 82, 83, 92, 93, 94, 95, 102, 103,104, 114. Historically captured when site added to FREP.	NULL	VARCHAR2(3)
39	MAPSHEET_LETTER BCGS/NTG letter. Values are A - P, and W. Historically captured when site added to FREP.	NULL	VARCHAR2(1)
44	MAPSHEET_SQUARE BCGS NUMBER or NTG NUMBER and LETTER. BCGS NUMBER values are 1-100, and NTG NUMBER values are 1-16 with NTG LETTER values A - H, and W. Historically captured when site added to FREP.	NULL	VARCHAR2(3)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
45	MAPSHEET_QUAD Quadrant. Blank if NTG number value entered; 0 - 4 if BCGS number entered. Historically captured when site added to FREP.	NULL	VARCHAR2(1)
46	MAPSHEET_SUB_QUAD Sub-Quadrant. Blank if NTG number value entered; 0 - 4 if BCGS number entered. Historically captured when site added to FREP.	NULL	VARCHAR2(1)
47	OPENING_NUMBER An unique identifier up to four characters long that describes the opening on a specified mapsheet. Historically captured when site added to FREP.	NULL	VARCHAR2(4)
48	FOREST_FILE_ID File identification assigned to provincial forest use files. Assigned file number. Historically captured when site added to FREP.	NULL	VARCHAR2(10)
53	CUTTING_PERMIT_ID Identifier for a cutting permit associated with a quota type tenure. Historically captured when site added to FREP.	NULL	VARCHAR2(3)
58	CUT_BLOCK_ID Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's) Historically captured when site added to FREP.	NULL	VARCHAR2(10)
59	CB_SKEY The unique identifier for a cut block. Historically captured when site added to FREP.	NULL	NUMBER(10)
60	HVA_SKEY The unique identifier for a harvesting authority (cutting permit) Historically captured when site added to FREP.	NULL	NUMBER(10)
61	OPENING_PRIME_LICENCE_IND Prime block indicator for the opening. Historically captured when site added to FREP.	NULL	VARCHAR2(1)
62	DISTURBANCE_END_DATE For areas being Harvested, this date is associated with the actual or estimated completion of Harvesting. This date s/b entered as part of the regular logging inspection, and updated as required. The actual date will be when the status moves to S - Silv. Historically captured when site added to FREP.	NULL	DATE
67	MGMT_UNIT_TYPE_CODE Describes the type of MGMT UNIT TYPE. Historically captured when site added to FREP.	NULL	VARCHAR2(1)
68	MGMT_UNIT_ID The administrative management unit identifier defined by the ministry for managing the forest land, e.g. 41C. Historically captured when site added to FREP.	NULL	VARCHAR2(4)
73	FILE_CLIENT_TYPE_CODE A = Licensee, O = Obligation Historically captured when site added to FREP.	NULL	VARCHAR2(1)
78	EXHIBIT_AREA Estimated initial gross area of the cut block, in hectares, from the PHSP. Historically captured when site added to FREP.	NULL	NUMBER(11,4)
83	OPENING_GROSS_AREA Gross area of the opening, in hectares.	NULL	NUMBER(11,4)
84	DISTURBANCE_GROSS_AREA The total area that the opening encompasses (e.g., 120 Hectares). Historically captured when site added to FREP.	NULL	NUMBER(11,4)
86	NAR_AREA A value in hectares for the net area to be reforested (NAR). The NAR is the total area under the prescription (TAUP) minus the area or no planned reforestation (NPR). Historically captured when site added to FREP.	NULL	NUMBER(7,1)
98	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
99	ENTRY_USERID The userid who entered the FREP SITE.	NOT NULL	VARCHAR2(30)

*Change Log:**Outstanding Issues:**Implementation Notes:*

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
104	<i>Miscellaneous:</i> ENTRY_TIMESTAMP The date and time of the entry. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	DATE
105	<i>Miscellaneous:</i> UPDATE_USERID The userid who updated the information. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	VARCHAR2(30)
106	<i>Miscellaneous:</i> UPDATE_TIMESTAMP The date and time of the last update. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i> <i>Miscellaneous:</i>	NOT NULL	DATE

Unique Constraints:

FREPSS_UK
 OPENING_ID
 EFFECTIVE_YEAR

Foreign Keys:

FREPSS_CBOA_FK
 CUT_BLOCK_OPEN_ADMIN_ID = CUT_BLOCK_OPEN_ADMIN.CUT_BLOCK_OPEN_ADMIN_ID
 FREPSS_DC_FK
 DISTURBANCE_CODE = DISTURBANCE_CODE.DISTURBANCE_CODE
 FREPSS_FCTC_FK
 FILE_CLIENT_TYPE_CODE = FILE_CLIENT_TYPE_CODE.FILE_CLIENT_TYPE_CODE
 FREPSS_FC_FK
 CLIENT_NUMBER = FOREST_CLIENT.CLIENT_NUMBER
 FREPSS_FREPEY_FK
 EFFECTIVE_YEAR = FREP_EVALUATION_YEAR.EFFECTIVE_YEAR
 FREPSS_FREPSSCD_FK
 FREP_SELECTED_SITE_CODE = FREP_SELECTED_SITE_CODE.FREP_SELECTED_SITE_CODE
 FREPSS_ORG_UNIT_FK
 ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

FREPSS_CBOA_FK_I
 CUT_BLOCK_OPEN_ADMIN_ID
 FREPSS_DC_FK_I
 DISTURBANCE_CODE
 FREPSS_FCTC_FK_I
 FILE_CLIENT_TYPE_CODE

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

FREPSS_FC_FK_I
CLIENT_NUMBER
FREPSS_FREPEY_FK_I
EFFECTIVE_YEAR
FREPSS_FREPSSCD_FK_I
FREP_SELECTED_SITE_CODE
FREPSS_ORG_UNIT_FK_I
ORG_UNIT_NO

Notes:

Change Log:

Outstanding Issues:

Implementation Notes:

Miscellaneous:

Table: FREP_SELECTED_SITE_CODE*Description:*

Identifies selected sites from the randomly generated master list. Sites are either selected or unselected.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_SELECTED_SITE_CODE This is the code value for the District site selected from the Generated master list. <i>Change log:</i>	NOT NULL	VARCHAR2(3)
2	DESCRIPTION This is a description of the District site selected from the Generated master list.	NOT NULL	VARCHAR2(120)

Background:

The second step of the business process requires the District RSM team to select a district site for monitoring. District staff reviews the centrally generated list and select sites for monitoring based on criteria outline in the appropriate site selection protocol. The protocol requires that when a site is rejected, they document the reasons, and record this information for future reference.

Change log:

3	EFFECTIVE_DATE The date the code value becomes effective. <i>Change log:</i>	NOT NULL	DATE
4	EXPIRY_DATE The date the code value expires. <i>Change log:</i>	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the code value is updated. <i>Change log:</i>	NOT NULL	DATE

Table: FREP_SITE_ACCESS_CODE*Description:*

Identifies the type of access used to access the block.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_SITE_ACCESS_CODE This is the code value for the access used to get to the block - the FREP selected site.	NOT NULL	VARCHAR2(4)
2	DESCRIPTION This is a description of the access used to get to the block - the FREP selected site. access types include: Truck ATV Boat Helicopter Walk-in Other	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE This is the date the code value becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE This is the date the code value expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP This is the date the code value is updated.	NOT NULL	DATE

Table: FREP_SITE_RESOURCE_REASON_CODE*Description:*

Describes de FREP site status reason

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_SITE_RESOURCE_REASON_CODE The code of the frep resource value's status	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The description of the frep resource value's rejection	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the record is effective from	NOT NULL	DATE
4	EXPIRY_DATE The date the record is effective to	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the record was last updated	NOT NULL	DATE

Table: FREP_TREE_SPECIES_CODE*Description:*

FREP version of SILV_TREE_SPECIES_CODE including unknowns and others.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FREP_TREE_SPECIES_CODE Code value for tree species.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION Description of tree species code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Date code goes into effect	NOT NULL	DATE
4	EXPIRY_DATE Date code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP Date code was updated.	NOT NULL	DATE

Table: HARVEST_AREA_CODE*Description:*

Defines the type of harvest area in the stratum

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	HARVEST_AREA_CODE The code value to identify the type of harvest area within a stratum.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION full description of the harvest area code value	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The effective date of the harvest area code value	NOT NULL	DATE
4	EXPIRY_DATE the expiry date of the harvest area code value	NOT NULL	DATE
5	UPDATE_TIMESTAMP the update timestamp of the harvest area code value	NOT NULL	DATE

Table: INVASIVE_PLANT_DISTRIB_CODE*Description:*

Describes the invasive plant distribution.

Argument Code Description

- 1 - rare individual, a single occurrence
- 2 - few sporadically occurring individuals
- 3 - single patch or clump of a species
- 4 - several sporadically occurring individuals
- 5 - a few patches or clumps of a species
- 6 - several well-spaced patches or clumps
- 7 - continuous uniform occurrence of well-spaced individuals
- 8 - continuous occurrence of a species with a few gaps in the distribution
- 9 - continuous dense occurrence of a species

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	INVASIVE_PLANT_DISTRIB_CODE A unique code to describe the invasive plant distribution.	NOT NULL	VARCHAR2(1)

Table: INVASIVE_PLANT_SPECIES*Description:*

Describes the invasive plant species.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	GENUS_CODE A unique code describing the invasive plant species.	NOT NULL	VARCHAR2(4)
* 2	SPECIES_CODE Unique key for identifying certain species.	NOT NULL	VARCHAR2(3)

Table: MIME_TYPE_CODE*Description:*

MIME - Multipurpose Internet Mail Extensions

A system used for the ASCII (American Standard for information interchange) encoding of binary data for transfer via email on the internet.

MIME codes are also used to let the browser know what type of file to expect when it has requested it. For instance, if a browser requests a GIF file, then the host will send in the CONTENT TYPE HEADER the MIME string to indicate that the file is indeed a GIF file and should be processed accordingly.

Likewise if the file requested is a .zip file then the host will return the string in the CONTENT TYPE HEADER to indicate it is a zip file. When the browser receives this MIME string it can act accordingly, whether that be simply displaying it or opening another program or plug-in to deal with the specified file type.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MIME_TYPE_CODE The Code for the MIME ttype.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the MIME code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the MIME code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date the MIME code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the MIME code is updated.	NOT NULL	DATE

Table: OPENING*Description:*

The administrative boundary of an area of land on which silviculture activities are planned and completed.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	OPENING_ID A unique ID that for an OPENING.	NOT NULL	NUMBER(10)

Table: OPENING_SPECIFIC_IMPACT*Description:*

Opening specific impacts are factors that impact the riparian health of an opening. For example, logging machines, installation of roads...etc

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	OPENING_SPECIFIC_IMPACT_ID unique identifier of a specific riparian impact factor	NOT NULL	NUMBER(10)
2	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
3	OPENING_SPECIFIC_IMPACT_TYPE the type for a specific riparian impact	NOT NULL	NUMBER(10)
4	SPEC_IMPACT_IND Answer wether specific impact is within the reach or above the reach.	NOT NULL	VARCHAR2(1)
5	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
6	ENTRY_USERID user id that entered the record	NOT NULL	VARCHAR2(30)
8	ENTRY_TIMESTAMP time the user entered the record	NOT NULL	DATE
10	UPDATE_USERID user id that updated the record	NOT NULL	VARCHAR2(30)
11	UPDATE_TIMESTAMP date the record was updated	NOT NULL	DATE

Unique Constraints:

OP_IMPACT_UNIQUE_UK
OPENING_SPECIFIC_IMPACT_TYPE
RIPARIAN_CHECKLIST_ID

Foreign Keys:

OP_IMPACT_RIPC_FK
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST.RIPARIAN_CHECKLIST_ID
OP_IMPACT_SP_IMP_T_FK
OPENING_SPECIFIC_IMPACT_TYPE =
OPENING_SPECIFIC_IMPACT_TYPE.OPENING_SPECIFIC_IMPACT_TYPE

Indexes:

OP_IMPACT_RIPC_FK_I
RIPARIAN_CHECKLIST_ID
OP_IMPACT_SP_IMP_T_FK_I
OPENING_SPECIFIC_IMPACT_TYPE

Table: OPENING_SPECIFIC_IMPACT_TYPE*Description:*

A type of specific impact effecting the riparian area (stream) health

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	OPENING_SPECIFIC_IMPACT_TYPE the type for a specific riparian impact	NOT NULL	NUMBER(10)
2	DESCRIPTION description of the specific riparian impact factor	NOT NULL	VARCHAR2(50)
3	SORT_ORDER display sort order	NULL	NUMBER(3)
4	EFFECTIVE_DATE effective date of the code value	NOT NULL	DATE
5	EXPIRY_DATE date the value becomes expired	NOT NULL	DATE
6	UPDATE_TIMESTAMP date and time of latest update	NOT NULL	DATE

Table: ORG_UNIT*Description:*

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

This is an existing external table that contains the following attributes:

AREA_CODE
EFFECTIVE_DATE
EXPIRY_DATE
OFFICE_NAME_CODE
ORG_LEVEL_CODE
ORG_UNIT_CODE
ORG_UNIT_NAME
ORG_UNIT_NO
ROLLUP_DIST_CODE
ROLLUP_DIST_NO
ROLLUP_REGION_CODE
ROLLUP_REGION_NO
TELEPHONE_NO
UPDATE_TIMESTAMP

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique identifier for an organizational unit within the Ministry of Forests.		

Table: OTHER_OPENING_SPEC_IMPACT*Description:*

Other opening specific impacts are factors that impact the riparian health of an opening that did not appear in the general list.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	OTHER_OPENING_SPEC_IMPACT_ID Unique identifier for other specific impacts.	NOT NULL	NUMBER(10)
2	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
3	DESCRIPTION Description of other specific impact.	NOT NULL	VARCHAR2(50)
4	SPEC_IMPACT_IND Is impact within reach or above reach.	NOT NULL	VARCHAR2(1)
5	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
6	ENTRY_USERID user id who entered the record.	NOT NULL	VARCHAR2(30)
7	ENTRY_TIMESTAMP date and time record was entered	NOT NULL	DATE
9	UPDATE_USERID The user id of the person who updated the information.	NOT NULL	VARCHAR2(30)
10	UPDATE_TIMESTAMP Date and time of most recent update	NOT NULL	DATE

Foreign Keys:

OTH_IMP_RIPC_FK
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST.RIPARIAN_CHECKLIST_ID

Indexes:

OTH_IMP_RIPC_FK_I
RIPARIAN_CHECKLIST_ID

Table: PATCH_LOCATION_CODE*Description:*

Describes the patch location in the Stratum.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PATCH_LOCATION_CODE A code to describe the patch location. Examples are "internal to block", "edge of block" and "external/not touching block" <i>Change Log:</i>	NOT NULL	VARCHAR2(4)
2	DESCRIPTION A full text description of the text value. <i>Change Log:</i>	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the code value became effective. <i>Change Log:</i>	NOT NULL	DATE
4	EXPIRY_DATE The date this code value expires. <i>Change Log:</i>	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time this value was updated. <i>Change Log:</i>	NOT NULL	DATE

Table: RIPARIAN_ANSWER_IMPACT*Description:*

general impacts on the riparian areas effecting the assessment of the opening

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_ANSWER_IMPACT_ID unique identifier of a general riparian impact	NOT NULL	NUMBER(10)
2	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
3	RIPARIAN_CHECKLIST_QUESTION_ID Unique identifier for a question	NOT NULL	NUMBER(10)
4	RIPARIAN_ANSWER_IMPACT_TYPE unique code describing a riparian impact code	NOT NULL	VARCHAR2(10)
5	ANSWER_IND	NOT NULL	VARCHAR2(1)
6	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
7	ENTRY_USERID user id that entered the record	NOT NULL	VARCHAR2(30)
9	ENTRY_TIMESTAMP date the user entered the record	NOT NULL	DATE
12	UPDATE_USERID user id that last updated the record	NOT NULL	VARCHAR2(30)
13	UPDATE_TIMESTAMP date the record was last updated	NOT NULL	DATE

Unique Constraints:

ANSWER_CS_UNIQUE_UK
RIPARIAN_CHECKLIST_ID
RIPARIAN_CHECKLIST_QUESTION_ID
RIPARIAN_ANSWER_IMPACT_TYPE

Foreign Keys:

ANSWER_CS_ANS_IMP_T_FK
RIPARIAN_ANSWER_IMPACT_TYPE =
RIPARIAN_ANSWER_IMPACT_TYPE.RIPARIAN_ANSWER_IMPACT_TYPE
ANSWER_CS_RIPC_A_FK
RIPARIAN_CHECKLIST_QUESTION_ID =
RIPARIAN_CHECKLIST_ANSWER.RIPARIAN_CHECKLIST_QUESTION_ID
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST_ANSWER.RIPARIAN_CHECKLIST_ID

Indexes:

ANSWER_CS_ANS_IMP_T_FK_I
RIPARIAN_ANSWER_IMPACT_TYPE
ANSWER_CS_RIPC_A_FK_I
RIPARIAN_CHECKLIST_QUESTION_ID
RIPARIAN_CHECKLIST_ID

Table: RIPARIAN_ANSWER_IMPACT_TYPE*Description:*

table of valid riparian answer impact codes. Example, logging, cattle, manmade.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_ANSWER_IMPACT_TYPE unique code describing a riparian impact code	NOT NULL	VARCHAR2(10)
2	DESCRIPTION detailed description of the question impact effectingthe riparian area	NOT NULL	VARCHAR2(50)
3	SORT_ORDER Number to order the questions for display	NULL	NUMBER(3)
4	EFFECTIVE_DATE effective date of the code value	NOT NULL	DATE
5	EXPIRY_DATE expiry date of the impact code	NOT NULL	DATE
6	UPDATE_TIMESTAMP date the impact code was last updated	NOT NULL	DATE

Table: RIPARIAN_CHAN_MORPHOLOGY_CODE*Description:*

Describes the general characteristics of small to medium size streams.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_CHAN_MORPHOLOGY_CODE The code value for channel morphology. <i>Change Log:</i>	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the morphology code. Options: ----- Riffle Pool or Cascade pool; Step/pool; non alluvial <i>Change Log:</i>	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the morphology code becomes effective. <i>Change Log:</i>	NOT NULL	DATE
4	EXPIRY_DATE The date the morphology code expires. <i>Change Log:</i>	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the morphology code is updated. <i>Change Log:</i>	NOT NULL	DATE

Table: RIPARIAN_CHECKLIST*Description:*

A checklist used by district staff to assess the health of streams in an accepted opening.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(10)
2	<i>Miscellaneous:</i> SAMPLE_NUMBER Sample number is given to riparian checklists when more than one stream is measured for the same site on the same year.	NULL	NUMBER(5)
3	FREP_RESOURCE_VALUE_ID A unique ID to identify the resource value. <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NOT NULL	NUMBER(10)
4	<i>Miscellaneous:</i> RIPARIAN_STREAM_CONDITION_CODE The code value for a specific stream condition.	NULL	VARCHAR2(3)
5	FREP_CHECKLIST_STATUS_CODE The workflow status of the checklist.	NULL	VARCHAR2(3)
6	RANGE_USE_PLAN Range Use Plan reference.	NULL	VARCHAR2(50)
7	PASTURE_ID Pasture Identification Number	NULL	VARCHAR2(2)
8	STREAM_NAME Description of the stream <i>Change Log:</i> <i>Outstanding Issues:</i> <i>Implementation Notes:</i>	NULL	VARCHAR2(50)
9	<i>Miscellaneous:</i> STREAM_LOCATION_IND Select appropriate location indicator: options are IN BLOCK or BESIDE BLOCK	NULL	VARCHAR2(1)
10	PLN_RIPARIAN_STR_NA_IND Planned stream RMA class code not available indicator	NULL	VARCHAR2(1)
11	PLN_RIPARIAN_STRM_RMA_CLS_CODE The planned RMA Class Code.	NULL	VARCHAR2(3)
12	ACT_RIPARIAN_STRM_RMA_CLS_CODE The actual RMA Class Code.	NULL	VARCHAR2(3)
13	DISTANCE_TO_HARVEST_EDGE The distance to the harvest edge in meters	NULL	NUMBER(5,2)
16	CHANNEL_WIDTH The width of the stream channel in metres. <i>Change Log:</i> <i>Outstanding Issues:</i>	NULL	NUMBER(3,1)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
17	CHANNEL_GRADIENT_PCT The gradient of the stream channel in percent.	NULL	NUMBER(3)
18	REACH_LOCATION_TO This is the ending point with refernece to the starting point; namely, REACH LOCATION FROM.	NULL	NUMBER(5,2)
19	REACH_LOCATION_FROM This is the starting point from a known reference defined by the REACH_LOCATION_FROM_DESCRIPTION.	NULL	NUMBER(5,2)
20	REACH_LOCATION_UPS_DS_IND This is the Upstream/downstream indicator when recording reach.	NULL	VARCHAR2(1)
21	REACH_LOCATION_FROM_DESC This is a freeformat description of the reference point when measuring reach. For example, "Culvert entrance, main road" would be a typical description in this field. <i>Change Log:</i>	NULL	VARCHAR2(250)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
22	UTM_AT_REFERENCE This identifies the UTM up stream(US) or down stream (DS) reference point of the reach a values for this are UD and DS <i>Change Log:</i>	NULL	VARCHAR2(2)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
23	UTM_ZONE The UTM Zone location. the UTM system uses 60 zones, each 6 degrees of longitude wide. Each zone extends from 80°S latitude to 84°N latitude. The zones are numbered, starting with 1 which runs from the 180° to the 174°W line of longitude, with numbers increasing as you move west . Collectively, these zones cover almost the entire planet, omitting only the Arctic Ocean in the north and central Antarctica in the South. There are five UTM zones in the province of B.C.. <i>Change Log:</i>	NULL	NUMBER(2)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
24	UTM_EASTING THE UTM east coordinate.	NULL	NUMBER(10)
25	UTM_NORTHING The UTM North coordinate.	NULL	NUMBER(10)
26	UTM_SIGNAL Signifies that UTM signal is available	NULL	VARCHAR2(3)
27	RIPARIAN_CHAN_MORPHOLOGY_CODE The code value for channel morphology.	NULL	VARCHAR2(3)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
28	<i>Change Log:</i>		
	RTTN_RMA_DOMS_ON_PLANS_PCT	NULL	NUMBER(3)
	The percentage of Riparian retention information in RMA in plans		
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
	RTTN_RMA_DOMS_ON_PLANS_IND	NULL	VARCHAR2(1)
29	Indicator for when RMA dominants on plans is not available.		
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
30	<i>Miscellaneous:</i>		
	RTTN_RMA_DOMS_IN_FIELD_PCT	NULL	NUMBER(3)
	Percentage of Riparian retention information in RMA in field		
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
	RTTN_RMA_UNDRSTRY_ON_PLANS_PCT	NULL	NUMBER(3)
31	the percentage of RMA = Riparian Management Area.		
	Understory - The small trees, shrubs and herbs below the forest canopy. This can also refer to any plants growing under a canopy formed by other plants. .		
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
	RTTN_RMA_UNDRSTRY_ON_PLANS_IND	NULL	VARCHAR2(1)
	Indicator for when RMA understories on plans is not available.		
32	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
33	RTTN_RMA_UNDRSTRY_IN_FIELD_PCT	NULL	NUMBER(3)
	The percentage of Riparian retention information in RMA in the field		
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
	RTTN_RRZ_DOMS_ON_PLANS_PCT	NULL	NUMBER(3)
	The percentage of Riparian retention information in RMA in plans		
34	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
35	RTTN_RRZ_DOMS_ON_PLANS_IND	NULL	VARCHAR2(1)
	Indicator for when RRZ dominants on plans is not available.		
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
36	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
	RTTN_RRZ_DOMS_IN_FIELD_PCT	NULL	NUMBER(3)
	The percentage of RRZ dominants & contaminamts in the field.		

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
37	RTTN_RRZ_DOMS_IN_FIELD Value for when RRZ dominants in Field is not numeric.	NULL	VARCHAR2(3)
38	RTTN_RRZ_UNDRSTRY_ON_PLANS_PCT the percentage of understory on the plans for RRZ - Riparian Reserve Zone. <i>Change Log:</i>	NULL	NUMBER(3)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
39	RTTN_RRZ_UNDRSTRY_ON_PLANS_IND Indicator for when RRZ understories on plans is not available.	NULL	VARCHAR2(1)
40	RTTN_RRZ_UNDRSTRY_IN_FIELD_PCT The RRZ percentage of understory in the field for the RRZ. RRZ = Riparian Reserve Zone. <i>Change Log:</i>	NULL	NUMBER(3)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
41	RTTN_RRZ_UNDRSTRY_IN_FIELD Value for when RRZ understories in field is not numeric.	NULL	VARCHAR2(3)
42	RTTN_RMZ_DOMS_ON_PLANS_PCT The percentage of RMZ dominants and and codominants in the RMZ = Riparian Management Zone. <i>Change Log:</i>	NULL	NUMBER(3)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
43	RTTN_RMZ_DOMS_ON_PLANS_IND Indicator for when RMZ dominants on plans is not available.	NULL	VARCHAR2(1)
44	RTTN_RMZ_DOMS_IN_FIELD_PCT The percentage of RMZ = Riparian Management Zone - dominants and codominants in the field. <i>Change Log:</i>	NULL	NUMBER(3)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
45	RTTN_RMZ_UNDRSTRY_ON_PLANS_PCT The percentage of understory on the plans in the RMZ - Riparian Management Zone. <i>Change Log:</i>	NULL	NUMBER(3)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
46	RTTN_RMZ_UNDRSTRY_ON_PLANS_IND Indicator for when RMZ understories on plans is not available.	NULL	VARCHAR2(1)
47	RTTN_RMZ_UNDRSTRY_IN_FIELD_PCT The percentage of Understory in the field for the RMZ - Riparian Management Zone.	NULL	NUMBER(3)
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
48	CONCLUSION_COMMENT Freeformat answer to question: does the conclusion on functioning condition generally agree with your personal opinion on the functioning condition of this stream reach? If not why not?	NULL	VARCHAR2(2000)
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
49	SPECIFIC_IMPACT_COMMENT Freeformat answer to the question: Describe more specifically what the reasons were for the NO answers.	NULL	VARCHAR2(2000)
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
50	ASSESSMENT_PROBLEMS_COMMENT Freeformat answer to the question: All no answers are weighted equally. Were any specific problems identified that affected the assessment more than others were?	NULL	VARCHAR2(2000)
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
51	MAP_LEGIBILITY_COMMENT Freeformat answer to the question: have you marked the stream reach assessed on a map in a way that will be legible when photocopied?	NULL	VARCHAR2(2000)
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
52	LEAVE_STRIP_ASSESSMENT_COMMENT Freeformat answer to the question: Does the leave strip appear as indicated in plans or on plan maps?	NULL	VARCHAR2(2000)

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

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	<i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
53	CHECKLIST_RECOMM_COMMENT freeform answer to the question: Do you have any recommendations for improving the Riparian Effectiveness Routine evaluation Checklist or Protocol? <i>Change Log:</i>	NULL	VARCHAR2(2000)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
54	NOTE_DESCRIPTION checklist note where evalutors can put information that isn't consistant with the other comment fields in the checklist	NULL	VARCHAR2(2000)
55	FREP_SITE_ACCESS_CODE This is the code value for the access used to get to the block - the FREP selected site.	NULL	VARCHAR2(4)
56	BLOCK_ACCESS_TIME Time spent getting to the block.	NULL	NUMBER(6,2)
57	HOURS_ON_BLOCK Number of hours spent measuring on the block per person.	NULL	NUMBER(6,2)
58	PEOPLE_ON_BLOCK The number of people that worked on the checklist in the field.	NULL	NUMBER(2)
59	RMA_ASSESSED The direction relative to coordinates used to assess the area.	NULL	VARCHAR2(1)
60	FIELD_DATA_STREAM_REACH_DRY User entered value to indicate that the stream reach is dry. Values can be Y or null.	NULL	VARCHAR2(1)
61	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table. <i>Change Log:</i>	NOT NULL	NUMBER(5)
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
62	ENTRY_USERID The userid of the person who enters the information.	NOT NULL	VARCHAR2(30)
63	ENTRY_TIMESTAMP The date and time of the entry.	NOT NULL	DATE
64	UPDATE_USERID The userid ID of the person who updated the information.	NOT NULL	VARCHAR2(30)
65	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Foreign Keys:

RIPC_FREPCHKCOD_FK

FREP_CHECKLIST_STATUS_CODE = FREP_CHECKLIST_STATUS_CODE.FREP_CHECKLIST_STATUS_CODE

RIPC_FREPRV_FK

FREP_RESOURCE_VALUE_ID = FREP_RESOURCE_VALUE.FREP_RESOURCE_VALUE_ID

RIPC_FREPSACD_FK

FREP_SITE_ACCESS_CODE = FREP_SITE_ACCESS_CODE.FREP_SITE_ACCESS_CODE

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

RIPC_RIPCMCD_FK
 RIPARIAN_CHAN_MORPHOLOGY_CODE =
 RIPARIAN_CHAN_MORPHOLOGY_CODE.RIPARIAN_CHAN_MORPHOLOGY_CODE
 RIPC_RIPC_FK
 RIPC_RIPSCCD_FK
 RIPARIAN_STREAM_CONDITION_CODE =
 RIPARIAN_STREAM_CONDITION_CODE.RIPARIAN_STREAM_CONDITION_CODE
 RIPC_RIPSRCCD_FK
 ACT_RIPARIAN_STRM_RMA_CLS_CODE =
 RIPARIAN_STREAM_RMA_CLASS_CODE.RIPARIAN_STREAM_RMA_CLASS_CODE
 RIPC_RIPSRCCD_PLANNED_TYPED_FK
 PLN_RIPARIAN_STRM_RMA_CLS_CODE =
 RIPARIAN_STREAM_RMA_CLASS_CODE.RIPARIAN_STREAM_RMA_CLASS_CODE

Indexes:

RIPC_FREPCHKCOD_FK_I
 FREP_CHECKLIST_STATUS_CODE
 RIPC_FREPRV_FK_I
 FREP_RESOURCE_VALUE_ID
 RIPC_FREPSACD_FK_I
 FREP_SITE_ACCESS_CODE
 RIPC_RIPCMCD_FK_I
 RIPARIAN_CHAN_MORPHOLOGY_CODE
 RIPC_RIPC_FK_I
 RIPC_RIPSCCD_FK_I
 RIPARIAN_STREAM_CONDITION_CODE
 RIPC_RIPSRCCD_FK_I
 PLN_RIPARIAN_STRM_RMA_CLS_CODE
 RIPC_RIPSRCCD_PLANNED_TYPED_I

Table: RIPARIAN_CHECKLIST_ANSWER*Description:*

A summary level answer that indicates the status of various riparian elements

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 7	RIPARIAN_CHECKLIST_QUESTION_ID Unique identifier for a question	NOT NULL	NUMBER(10)
* 9	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
11	FREP_CHECKLIST_ANSWER_CODE unique code for possible answers to riparian checklist questions	NOT NULL	VARCHAR2(3)
12	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(10)
13	UPDATE_USERID The userid who updated the information.	NOT NULL	VARCHAR2(30)
14	ENTRY_USERID The userid who entered the information.	NOT NULL	VARCHAR2(30)
15	ENTRY_TIMESTAMP The date and time of the entry.	NOT NULL	DATE
16	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Foreign Keys:

RIPC_A_ANS_CD_FK
FREP_CHECKLIST_ANSWER_CODE =
FREP_CHECKLIST_ANSWER_CODE.FREP_CHECKLIST_ANSWER_CODE

RIPC_A_RIPC_FK
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST.RIPARIAN_CHECKLIST_ID

RIPC_A_RIP_CHK_QU_FK
RIPARIAN_CHECKLIST_QUESTION_ID =
RIPARIAN_CHECKLIST_QUESTION.RIPARIAN_CHECKLIST_QUESTION_ID

Indexes:

RIPC_A_ANS_CD_FK_I
FREP_CHECKLIST_ANSWER_CODE

RIPC_A_RIPC_FK_I
RIPARIAN_CHECKLIST_ID

RIPC_A_RIP_CHK_QU_FK_I
RIPARIAN_CHECKLIST_QUESTION_ID

Table: RIPARIAN_CHECKLIST_ATTACH*Description:*

An attachment is a supplemental piece of document. Some choices include a photograph, a document, or a map.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_CHECKLIST_ATTACH_ID A unique Id for the Checklist Attachment.	NOT NULL	NUMBER(10)
2	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
3	DESCRIPTION A brief description of the attachment.	NOT NULL	VARCHAR2(2000)
4	FILE_NAME A fully qualified path name for the file contents.	NOT NULL	VARCHAR2(120)
5	MIME_TYPE_CODE The Code for the MIME type.	NOT NULL	VARCHAR2(3)
6	FILE_CONTENTS The actual file contents.	NOT NULL	IMAGE
7	ENTRY_USERID the userid who entered the information.	NOT NULL	VARCHAR2(30)
8	ENTRY_TIMESTAMP the date/time of the entry.	NOT NULL	DATE
10	UPDATE_USERID The userid who updated the information.	NOT NULL	VARCHAR2(30)
12	UPDATE_TIMESTAMP The date/time of the update.	NOT NULL	DATE

Foreign Keys:

RIPCA_BIORIPMTCD_FK
MIME_TYPE_CODE = MIME_TYPE_CODE.MIME_TYPE_CODE
RIPCA_RIPC_FK
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST.RIPARIAN_CHECKLIST_ID

Indexes:

RIPCA_BIORIPMTCD_FK_I
MIME_TYPE_CODE
RIPCA_RIPC_FK_I
RIPARIAN_CHECKLIST_ID

Table: RIPARIAN_CHECKLIST_QUESTION*Description:*

This entity contains question descriptions for the Riparian checklist.

The combination of Riparian Checklist Question Code (Q1, Q2, ..etc), Riparian Channel Morphology Code (Riffle Pool, Step Pool, NULL..etc), and Sub Question (A, B, C, NULL ...etc) uniquely identify each question in the Riparian checklist.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 9	RIPARIAN_CHECKLIST_QUESTION_ID Unique identifier for a question	NOT NULL	NUMBER(10)
11	RIP_CHKLIST_QUES_SECT_CODE The unique id for the checklist section.	NOT NULL	VARCHAR2(5)
13	RIPARIAN_CHAN_MORPHOLOGY_CODE The code value for channel morphology.	NULL	VARCHAR2(3)
	<i>Change Log:</i>		
14	SUB_QUESTION Indicates that the record represents a riparian checklist sub question and its display order within the checklist. Values are a single letters (ex: A, B, C...etc)	NULL	VARCHAR2(1)
15	RIP_CHECKLIST_QUESTION_TYPE unique code value for a riparian checklist question	NOT NULL	VARCHAR2(3)
16	APPLICABLE_INDICATOR indicates if the "Not Applicable" answer is allowed for this question	NOT NULL	VARCHAR2(1)
18	EFFECTIVE_DATE date the question is effective	NOT NULL	DATE
19	EXPIRY_DATE date the question expires	NOT NULL	DATE
20	UPDATE_TIMESTAMP date this record was last updated	NOT NULL	DATE

Unique Constraints:

RIP_CHK_QUES_UK
RIP_CHECKLIST_QUESTION_TYPE
RIP_CHKLIST_QUES_SECT_CODE
RIPARIAN_CHAN_MORPHOLOGY_CODE

Foreign Keys:

RIP_CHK_QU_RCQC_FK
RIP_CHECKLIST_QUESTION_TYPE = RIP_CHKLIST_QUESTION_TYPE.RIP_CHECKLIST_QUESTION_TYPE
RIP_CHK_QU_RIPCMCD_FK
RIPARIAN_CHAN_MORPHOLOGY_CODE =
RIPARIAN_CHAN_MORPHOLOGY_CODE.RIPARIAN_CHAN_MORPHOLOGY_CODE
RIP_CHK_QU_RIPCQ_FK
RIP_CHKLIST_QUES_SECT_CODE = RIP_CHKLIST_QUES_SECT_CODE.RIP_CHKLIST_QUES_SECT_CODE

Indexes:

RIP_CHK_QU_RCQC_FK_I
RIP_CHECKLIST_QUESTION_TYPE
RIP_CHK_QU_RIPCMCD_FK_I
RIPARIAN_CHAN_MORPHOLOGY_CODE
RIP_CHK_QU_RIPCQ_FK_I
RIP_CHKLIST_QUES_SECT_CODE

Table: RIPARIAN_CONTINUOUS_IND*Description:*

The continuous indicator for the Riparian checklist.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_CONTINUOUS_IND_ID A unique ID for the continuous indicator question.	NOT NULL	NUMBER(10)
2	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
3	RIPARIAN_CONTINUOUS_IND_TYPE The continuous indicator code.	NOT NULL	VARCHAR2(3)
4	COMMENTS This is the data or observations noted by the assessor for the continuous indicator question.	NULL	VARCHAR2(250)
5	TOTAL this is the total of the observation numbers recorded in the comments field. (user entered)	NULL	NUMBER(6,1)
6	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
7	ENTRY_USERID The userid who entered the information.	NOT NULL	VARCHAR2(30)
8	ENTRY_TIMESTAMP The date/time of the entry.	NOT NULL	DATE
10	UPDATE_USERID The Userid who updated the information.	NOT NULL	VARCHAR2(30)
12	UPDATE_TIMESTAMP The date/time of the update.	NOT NULL	DATE

Unique Constraints:

RIPCI_UNIQUE_UK
RIPARIAN_CHECKLIST_ID
RIPARIAN_CONTINUOUS_IND_TYPE

Foreign Keys:

RIPCI_RIPCICD_FK
RIPARIAN_CONTINUOUS_IND_TYPE =
RIPARIAN_CONTINUOUS_IND_TYPE.RIPARIAN_CONTINUOUS_IND_TYPE
RIPCI_RIPC_FK
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST.RIPARIAN_CHECKLIST_ID

Indexes:

RIPCI_RIPCICD_FK_I
RIPARIAN_CONTINUOUS_IND_TYPE
RIPCI_RIPC_FK_I
RIPARIAN_CHECKLIST_ID

Table: RIPARIAN_CONTINUOUS_IND_TYPE*Description:*

A type of continuous indicator.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_CONTINUOUS_IND_TYPE The continuous indicator code.	NOT NULL	VARCHAR2(3)
2	RIP_CHKLIST_QUES_SECT_CODE The unique id for the checklist section.	NULL	VARCHAR2(5)
3	DESCRIPTION A description of the continuous indicator.	NOT NULL	VARCHAR2(250)
4	THRESHOLD the upper threshold of the continuous indicator. Thresholds can be a percentage, a count, a percentage range. It can be for a reach, a number of trees, or an area. A blank threshold can also exist to indicate that one is N/A for this particular threshold type.	NOT NULL	VARCHAR2(30)
5	SORT_ORDER Number to order the records for display.	NULL	NUMBER(3)
6	EFFECTIVE_DATE the effective date the indicator type become effective.	NOT NULL	DATE
7	EXPIRY_DATE the date the indicatory type expires.	NOT NULL	DATE
9	UPDATE_TIMESTAMP The date the indicator type is updated.	NOT NULL	DATE

Foreign Keys:

RIPCICD_RIPCQ_FK

RIP_CHKLIST_QUES_SECT_CODE = RIP_CHKLIST_QUES_SECT_CODE.RIP_CHKLIST_QUES_SECT_CODE

Indexes:

RIPCICD_RIPCQ_FK_I

RIP_CHKLIST_QUES_SECT_CODE

Notes:

Change Log:

2007/08/20 (Rls. 3.0)- Richard Pardo Figueroa: Field description increased from 120 to 250

Outstanding Issues:

Implementation Notes:

Miscellaneous:

Table: RIPARIAN_EVALUATOR_NAME*Description:*

An evaluator is a person who fills out a checklist in the field.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	EVALUATOR_NAME_ID	NOT NULL	NUMBER(10)
2	RIPARIAN_CHECKLIST_ID	NOT NULL	NUMBER(10)
	A unique ID for the riparian checklist. <i>Change Log:</i>		
	<i>Outstanding Issues:</i>		
	<i>Implementation Notes:</i>		
	<i>Miscellaneous:</i>		
3	EVALUATOR_USERID	NOT NULL	VARCHAR2(64)
	The UserId of the evaluator.		
4	EVALUATOR_TEAM_LEAD_IND	NOT NULL	VARCHAR2(1)
	Indicator to uniquely identify the team leader for a checklist.		
5	REVISION_COUNT	NOT NULL	NUMBER(5)
	Revision count used to serialize update of an entry in an Sql table.		
6	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	UserId of person who entered the record.		
7	ENTRY_TIMESTAMP	NOT NULL	DATE
	Date the record was entered.		
8	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	UserId of the person who updated the record.		
10	UPDATE_TIMESTAMP	NOT NULL	DATE
	Date the record was updated.		

Foreign Keys:

RIP_EN_RIPC_FK
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST.RIPARIAN_CHECKLIST_ID

Indexes:

RIP_EN_RIPC_FK_I
RIPARIAN_CHECKLIST_ID

Table: RIPARIAN_OTHER_INDICATOR*Description:*

There are a number of Riparian indicators that are categorized under specific impacts such as to Roads, Crossings. There are also a series of impacts that are general/not specific which are grouped together as 'Other indicators'. Thus these uncategorized indicators are contained within this entity.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_OTHER_INDICATOR_ID A unique id for the riparian other indicator	NOT NULL	NUMBER(10)
2	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
3	RIPARIAN_OTHER_IND_TYPE_ID A unique id for the riparian other indicator type	NOT NULL	NUMBER(3)
4	RIPARIAN_OTHER_ANSWER_IND The answer for the riparian other indicator type. The possible values are Y,N, or null	NULL	VARCHAR2(1)
5	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
6	ENTRY_USERID The userid of the person who enters the information.	NOT NULL	VARCHAR2(30)
7	ENTRY_TIMESTAMP The date and time of the entry.	NOT NULL	DATE
8	UPDATE_USERID The userid ID of the person who updated the information.	NOT NULL	VARCHAR2(30)
9	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Unique Constraints:

ROI_ROI_UK_UK
RIPARIAN_CHECKLIST_ID
RIPARIAN_OTHER_IND_TYPE_ID

Foreign Keys:

ROI_RIPC_FK
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST.RIPARIAN_CHECKLIST_ID
ROI_ROIT_FK
RIPARIAN_OTHER_IND_TYPE_ID = RIPARIAN_OTHER_IND_TYPE.RIPARIAN_OTHER_IND_TYPE_ID

Indexes:

ROI_RIPC_FK_I
RIPARIAN_CHECKLIST_ID
ROI_ROIT_FK_I
RIPARIAN_OTHER_IND_TYPE_ID

Table: RIPARIAN_OTHER_IND_TYPE*Description:*

A type of Riparian other indicator.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_OTHER_IND_TYPE_ID A unique id for the riparian other indicator type	NOT NULL	NUMBER(3)
2	RIP_CHKLIST_QUES_SECT_CODE The unique id for the checklist section.	NOT NULL	VARCHAR2(5)
3	RIPARIAN_CHAN_MORPHOLOGY_CODE The code value for channel morphology. <i>Change Log:</i>	NULL	VARCHAR2(3)
4	SECTION_HEADER_IND Indicator if record is a question section header record	NULL	VARCHAR2(3)
5	DESCRIPTION This is the descriptive question which is being asked to the user and to which the response is captured.	NOT NULL	VARCHAR2(500)
6	SORT_ORDER The order in which to display the question	NOT NULL	NUMBER(3)
7	EFFECTIVE_DATE The date the record is effective from	NOT NULL	DATE
8	EXPIRY_DATE The date the record is effective to	NOT NULL	DATE
9	UPDATE_TIMESTAMP The date the record was last updated	NOT NULL	DATE

Foreign Keys:

ROIT_RIPCMCD_FK
 RIPARIAN_CHAN_MORPHOLOGY_CODE =
 RIPARIAN_CHAN_MORPHOLOGY_CODE.RIPARIAN_CHAN_MORPHOLOGY_CODE
 ROIT_RIPCQ_FK
 RIP_CHKLIST_QUES_SECT_CODE = RIP_CHKLIST_QUES_SECT_CODE.RIP_CHKLIST_QUES_SECT_CODE

Indexes:

ROIT_RIPCMCD_FK_I
 RIPARIAN_CHAN_MORPHOLOGY_CODE
 ROIT_RIPCQ_FK_I
 RIP_CHKLIST_QUES_SECT_CODE

Table: RIPARIAN_POINT_INDICATOR*Description:*

A set of measures at various points along a reach.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_POINT_INDICATOR_ID A unique Point Indicator ID.	NOT NULL	NUMBER(10)
2	RIPARIAN_CHECKLIST_ID A unique ID for the riparian checklist. <i>Change Log:</i>	NOT NULL	NUMBER(10)
<i>Outstanding Issues:</i>			
<i>Implementation Notes:</i>			
<i>Miscellaneous:</i>			
3	RIPARIAN_POINT_IND_TYPE The point indicator type	NOT NULL	VARCHAR2(3)
4	MEASURE_1 Point Indciator measurement one of six.	NULL	NUMBER(5,2)
5	MEASURE_2 Point Indciator measurement two of six.	NULL	NUMBER(5,2)
6	MEASURE_3 Point Indciator measurement three of six.	NULL	NUMBER(5,2)
7	MEASURE_4 Point Indciator measurement four of six.	NULL	NUMBER(5,2)
8	MEASURE_5 Point Indciator measurement five of six.	NULL	NUMBER(5,2)
9	MEASURE_6 Point Indciator measurement six of six.	NULL	NUMBER(5,2)
10	MEAN The mean of the 6 point indicator measures.	NULL	NUMBER(5,2)
11	REVISION_COUNT Revision count used to serialize update of an entry in an Sql table.	NOT NULL	NUMBER(5)
12	ENTRY_USERID The userid who entered the information.	NOT NULL	VARCHAR2(30)
13	ENTRY_TIMESTAMP The date/time of the entry.	NOT NULL	DATE
15	UPDATE_USERID The Userid who updated the information.	NOT NULL	VARCHAR2(30)
17	UPDATE_TIMESTAMP The date/time of the update.	NOT NULL	DATE

Foreign Keys:

RIPPI_RIPC_FK
RIPARIAN_CHECKLIST_ID = RIPARIAN_CHECKLIST.RIPARIAN_CHECKLIST_ID
RIPPI_RPICT_FK
RIPARIAN_POINT_IND_TYPE = RIPARIAN_POINT_IND_TYPE.RIPARIAN_POINT_IND_TYPE

Indexes:

RIPPI_RIPC_FK_I
RIPARIAN_CHECKLIST_ID
RIPPI_RPICT_FK_I
RIPARIAN_POINT_IND_TYPE

Table: RIPARIAN_POINT_IND_TYPE*Description:*

A type of point indicator

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_POINT_IND_TYPE The point indicator type	NOT NULL	VARCHAR2(3)
2	RIP_CHKLIST_QUES_SECT_CODE The unique id for the checklist section.	NULL	VARCHAR2(5)
3	DESCRIPTION the Poin indicator description	NOT NULL	VARCHAR2(120)
4	THRESHOLD The point indicator threshold. Can be percent or a number threshold.	NOT NULL	VARCHAR2(5)
5	SORT_ORDER display order of point indicators	NULL	NUMBER(3)
6	EFFECTIVE_DATE the date the point indicator becomes effective.	NOT NULL	DATE
7	EXPIRY_DATE the date the point indicator expires.	NOT NULL	DATE
9	UPDATE_TIMESTAMP the date/time the information is updated.	NOT NULL	DATE

Foreign Keys:

RPICR_RIPCQ_FK

RIP_CHKLIST_QUES_SECT_CODE = RIP_CHKLIST_QUES_SECT_CODE.RIP_CHKLIST_QUES_SECT_CODE

Indexes:

RPICR_RIPCQ_FK_I

RIP_CHKLIST_QUES_SECT_CODE

Table: RIPARIAN_QUES_STREAM_RMA_XREF*Description:*

This entity contains valid combinations of RIPARIAN_CHECKLIST_QUESTION and RIPARIAN_STREAM_RMA_CLASS_CODE for filtering purposes.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_CHECKLIST_QUESTION_ID Unique identifier for a question	NOT NULL	NUMBER(10)
* 2	RIPARIAN_STREAM_RMA_CLASS_CODE The RMA Class Code.	NOT NULL	VARCHAR2(3)
3	EFFECTIVE_DATE date this value becomes effective	NOT NULL	DATE
5	EXPIRY_DATE date this value expires	NOT NULL	DATE
7	UPDATE_TIMESTAMP date this value was last updated	NOT NULL	DATE

Foreign Keys:

RQSR_XREF_RIPSRCCD_FK
 RIPARIAN_STREAM_RMA_CLASS_CODE =
 RIPARIAN_STREAM_RMA_CLASS_CODE.RIPARIAN_STREAM_RMA_CLASS_CODE
 RQSR_XREF_RIP_CHK_QU_FK
 RIPARIAN_CHECKLIST_QUESTION_ID =
 RIPARIAN_CHECKLIST_QUESTION.RIPARIAN_CHECKLIST_QUESTION_ID

Indexes:

RQSR_XREF_RIPSRCCD_FK_I
 RIPARIAN_STREAM_RMA_CLASS_CODE
 RQSR_XREF_RIP_CHK_QU_FK_I
 RIPARIAN_CHECKLIST_QUESTION_ID

Table: RIPARIAN_STREAM_CONDITION_CODE*Description:*

Determines the stream condition depending on the question results.

The number of "No" answers to the 15 main questions is used to arrive at a conclusion on the functioning condition of the reach, as follows:

0-2 No answers - the stream is in properly functioning condition.

3-4 No answers - the stream is in properly functioning condition, but at risk.

5-6 No answers - the stream is in properly functioning condition, but at high risk.

7 or more No answers - the stream and riparian habitat is not functioning properly.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_STREAM_CONDITION_CODE The code value for a specific stream condition.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the Stream condition code. Examples include:	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the condition code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date the condition code expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the condition code is updated.	NOT NULL	DATE

Table: RIPARIAN_STREAM_RMA_CLASS_CODE*Description:*

List of stream classifications and their codes.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RIPARIAN_STREAM_RMA_CLASS_CODE The RMA Class Code.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A description of the RMA Class code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The effective date of the RMA Class code.	NOT NULL	DATE
4	EXPIRY_DATE The expiry date of the RMA Class code.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the RMA class code is updated.	NOT NULL	DATE

Table: RIP_CHKLIST_QUESTION_TYPE*Description:*

Riparian checklist question descriptions

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 6	RIP_CHECKLIST_QUESTION_TYPE unique code value for a riparian checklist question	NOT NULL	VARCHAR2(3)
7	DESCRIPTION description of the riparian checklist question	NOT NULL	VARCHAR2(1000)
8	SHORT_DESCRIPTION Short description of the question for reporting purposes.	NULL	VARCHAR2(100)
9	EFFECTIVE_DATE date the question becomes effective	NOT NULL	DATE
10	EXPIRY_DATE date the question is to be expired	NOT NULL	DATE
11	UPDATE_TIMESTAMP date this record was last updated	NOT NULL	DATE

Table: RIP_CHKLIST_QUES_SECT_CODE*Description:*

A riparian checklist question section. Each section represents a group of questions

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 6	RIP_CHKLIST_QUES_SECT_CODE The unique id for the checklist section.	NOT NULL	VARCHAR2(5)
7	DESCRIPTION A full description of the section name.	NOT NULL	VARCHAR2(120)
8	EFFECTIVE_DATE The date the questions becomes effective.	NOT NULL	DATE
9	EXPIRY_DATE The date the question expires.	NOT NULL	DATE
10	UPDATE_TIMESTAMP the date/time the questions is updated.	NOT NULL	DATE

Table: WILDLIFE_TREE_DECAY_CLASS_CODE*Description:*

Describes the Wildlife tree class codes as defined in the Biodiversity protocol document.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WILDLIFE_TREE_DECAY_CLASS_CODE A code value to representing the wildlife tree classification index value. Example follows: Wildlife Tree Classification example: 1- Live, healthy, no obvious decay 2- Live but unhealthy, internal decay evident, declining, deformed 3- Recently dead, wood sound, fine branches intact 4- Dead, wood relatively sound, fine branches fallen but larger limbs intact 5- Dead, wood becoming spongy, most limbs fallen, bark mostly intact 6- Dead, wood soft, limbs fallen, more than half the bark fallen, greater than 2/3 of tree height remaining erect 7- Dead, wood soft, most of bark sloughed, less than 2/3 of tree height erect	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the the weight class type code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the code value becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date the code value expires.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the code value is updated.	NOT NULL	DATE

Table: WINDTHROW_DISTRIBUTION_CODE*Description:*

Describes the Windthrow distribution for a particular stratum.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WINDTHROW_DISTRIBUTION_CODE A code value to describe the distribution of windthrow (blowdown).	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the code value. Examples include: Edge, Internal or N/A.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the code value becomes effective .	NOT NULL	DATE
4	EXPIRY_DATE the date the code value expired.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the code value is updated.	NOT NULL	DATE

Table: WINDTHROW_TREATMENT*Description:*

windthrow treatment describes the nature of wind damage observed on a particular stratum

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WINDTHROW_TREATMENT_ID Uniquely identifies an instance of windthrow treatment on a stratum	NOT NULL	NUMBER(10)
2	STRATUM_ID Unique ID - automatically entered here from field 3 on the Plot Identification section.	NOT NULL	NUMBER(10)
3	WINDTHROW_TREATMENT_CODE The code value for windthrow (blowdown) treatments.	NOT NULL	VARCHAR2(3)
4	ENTRY_USERID The userid who entered the information.	NOT NULL	VARCHAR2(30)
5	ENTRY_TIMESTAMP The time information was entered.	NOT NULL	DATE
7	UPDATE_USERID user id that updated the information	NOT NULL	VARCHAR2(30)
9	UPDATE_TIMESTAMP time the data was updated	NOT NULL	DATE

Foreign Keys:

WIND_DIST_BIOS_FK

STRATUM_ID = BIODIVERSITY_STRATUM.STRATUM_ID

WIND_DIST_BIOWTCD_FK

WINDTHROW_TREATMENT_CODE = WINDTHROW_TREATMENT_CODE.WINDTHROW_TREATMENT_CODE

Indexes:

WIND_DIST_BIOS_FK_I

STRATUM_ID

WIND_DIST_BIOWTCD_FK_I

WINDTHROW_TREATMENT_CODE

Table: WINDTHROW_TREATMENT_CODE*Description:*

List of windthrow treatment codes.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WINDTHROW_TREATMENT_CODE The code value for windthrow (blowdown) treatments.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A full description of the Wind throw treatment code. Examples include Feathering, topping, None , or Other.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this code became effective.	NOT NULL	DATE
4	EXPIRY_DATE The date this code expired.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date this code value was updated.	NOT NULL	DATE