Table and Column Definitions Report

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Parameters

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Include Views?	Y
Include Materialized Views?	Y
Data Structure Diagram:	%
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Include Table / View / MV Descriptions?	Y
Include Table / View / MV Comments?	N
Include Column Descriptions?	Y
Include Column Comments?	N
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: ADJUSTMENT_CTL

Description:

The base parameters required for an appraisal adjustment period for MPS rate calculations.

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	The method used to determine the appraisal being done. (e.g. 'C ' = Coast, 'I ' = Interior).		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the adjustment becomes effective.		
3	MIN_STUMPAGE_RATE	NOT NULL	NUMBER(3,2)
4	DISCOUNT_PCT	NOT NULL	NUMBER(5)
	The default discount percentage that applies to the stumpage rate for a given timber sale.		
5	COMPLETED_IND	NOT NULL	VARCHAR2(1)
	A flag indicating whether the adjustment for the effective period has been completed.		
6	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the adjustment record has been reviewed and approved.		
7	CONFIRM_TRANS_IND	NOT NULL	VARCHAR2(1)
	An indicator to prevent appraisal worksheet confirmation while an adjustment is in progress.		

Indexes:

UI_AM_CTL
- APPRAISAL_MTHD_CD
- EFFECTIVE_DATE

Table: APPINT_ADMN_CST

Description:

This entity deals with estimates of cost of administering an Interior mark. The estimates are expressed in $/m3 and may include: Overhead cost estimates; Admin. Specified Operation cost estimates; Low Volume additive cost estimates; Accommodation cost estimates, and Remoteness cost estimates.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	ACCOMMODATION_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not accomodation is accessible.		
4	MARSHLPT_TRAVL_IND	NOT NULL	VARCHAR2(1)
	Indicates (when 'Y') that the crew travel time from the marshalling point to the centre of the cutting authority is greater than 90 minutes. Also, if the value is 'Y' then non-remote accommodation cost is allowed.		
5	GENRL_ADMIN_CST_M3	NOT NULL	NUMBER(5,2)
	The cost per m3 for general administration for the mark.		
6	OPERATIONAL_CST_M3	NOT NULL	NUMBER(5,2)
	The cost per m3 for operational costs for the mark.		
7	ACCOMODATN_COST_M3	NOT NULL	NUMBER(5,2)
	The accomodation cost per m3 for the mark.		
8	ADMIN_SPEC_OP_DESC	NOT NULL	VARCHAR2(25)
	A description of the admin specified operation cost. The descrption is the reason for directly entering the cost.		
9	ADMN_SPC_OP_CST_M3	NOT NULL	NUMBER(5,2)
	A cost estimate determined for a specified administration operation (see ADMINISTRATION_SPECIFIED OP COST).		
10	LOWVOL_ADTV_CST_M3	NOT NULL	NUMBER(7,4)
	Low volume additive is zero unless the allowable annual cut or total net cruise volume is less than 5000 cubic metres.		
11	ISOLATD_CT_LOCN_CD	NOT NULL	VARCHAR2(1)
	A location associated with an isolated cost estimate. Isolated cutting locations are: 1. Kinbasket Lake; 2. Williston Lake; 3. All Other Lakes; 4. Niteal Rail.		
12	ISOLATD_CT_COST_M3	NOT NULL	NUMBER(5,2)
	The isolated cost estimate covers the costs of moving people, equipment and supplies across non-road portions of a route to a camp. Includes various camp depreciation, maintenance and operating costs.		
13	VOLUME_PER_TREE_M3	NOT NULL	NUMBER(3,2)
	Average net merchantable volume per tree for cable yarding logging methods.		
14	VOL_PER_HECTARE_M3	NOT NULL	NUMBER(9,2)
	Average net merchantable volume per hectare of the area to be logged by overhead cable yarding.		
15	AVG_SIDE_SLOPE_PCT	NOT NULL	NUMBER(3)
	The unweighted average of the maximum side slopes of all cruise plots situated within the area to be logged by cable yarding methods.		

Foreign Keys:

AIAC_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

AIAC_AOC_FK_I
TIMBER_MARK
APP_EFFECTIVE_DATE
UI_AI_AM_CT
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPINT_DEV_COST

Description:

Development costs are estimated for three construction phases: subgrade construction, placement of stabilizing material, and installation of drainage structures. This entity contains the calculated development costs for an Interior mark. Included are road, bridge, culvert, cattle guard, fence and landing construction, expressed in total dollars for each.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	TABULTD_RD_LENGTH	NOT NULL	NUMBER(5,2)
	Total length of all tabulated roads within the timber mark.		
4	TABULTD_RD_COST	NOT NULL	NUMBER(9,2)
	The total cost to develop all indicated tabulated roads.		
5	TAB_BRIDGE_COST	NOT NULL	NUMBER(9,2)
	Total tabulated bridge cost for the timber mark.		
6	TAB_CULVERT_COST	NOT NULL	NUMBER(9,2)
	Total tabulated culvert cost for the timber mark.		
7	CTL_GRD_FENCE_COST	NOT NULL	NUMBER(7,2)
	Total cattle guard and fence cost for the timber mark.		
8	RECONSTRUCTN_COST	NOT NULL	NUMBER(9,2)
	Total reconstruction cost for the timber mark.		
9	ENGINEERED_COST	NOT NULL	NUMBER(9,2)
	Total of all engineered costs for the timber mark.		
10	ALLOCATED_COST	NOT NULL	NUMBER(9,2)
	The total of all allocated costs for the mark.		
11	TAB_CULVT_APPL_VOL	NOT NULL	NUMBER(10)
	Total volume over which the total culvert cost is to be divided. (Not necessarily tied to one mark).		

Foreign Keys:

AIDC_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AI_D_C
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPINT_LGTR_CST

Description:

The total of truck hauling, water and other transportation costs expressed in $/m3 required to move the logs from the landing (place of loading) to the point of appraisal (the off loading point), for one transportation system of an interior timber mark.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	COST_TYPE_CD	NOT NULL	VARCHAR2(1)
	Identifies the type of transportation system for which costs are being recorded. Current values are: S (summer transportation costs), W (winter transportation costs) and A (non season specific transportation costs).		
4	TRUCK_HAUL_MTHD_CD	NOT NULL	VARCHAR2(1)
	A code signifying the truck hauling method. Valid values are 'H' (Highway) and 'O'(Off-Highway).		
5	PRIMARY_CYCLE_HRS	NOT NULL	NUMBER(3,1)
	The total round trip time to the point of unloading.		
6	PRIMARY_LOAD_MN	NOT NULL	NUMBER(5)
	The time in hours for primary haul to load.		
7	PRIMARY_UNLOAD_MN	NOT NULL	NUMBER(5)
	The time in hours for the primary haul to unload.		
8	PRI_UNAVD_DELY_MN	NOT NULL	NUMBER(5)
	The time in hours anticipated for unavoidable delay for the primary haul.		
9	ROAD_MAINTNCE_IND	NOT NULL	VARCHAR2(1)
	Shows whether or not road maintenance costs will be allowed within the identified timber mark.		
10	SCNDRY_CYCLE_HRS	NOT NULL	NUMBER(3,1)
	The total round trip time to the point of unloading. Used in secondary haul cost estimate calculation.		
11	SCNDRY_HAUL_DST_KM	NOT NULL	NUMBER(5,1)
	The distance between reload point to the next point of unloading.		
12	SCNDRY_HAUL_CST_M3	NOT NULL	NUMBER(5,2)
	The overall cost per m3 for truck haul from the reload point to the point of unloading.		
13	SECONDARY_LOAD_MN	NOT NULL	NUMBER(5)
	The time in minutes for secondary haul to load.		
14	SECONDARY_UNLD_MN	NOT NULL	NUMBER(5)
	The time in minutes for the secondary haul to unload.		
15	SEC_UNAVD_DELY_MN	NOT NULL	NUMBER(5)
	The time in minutes anticipated for unavoidable delay for the secondary haul.		
16	HAUL_SPP_TYPECODE	NOT NULL	NUMBER(5)
	For situations where cycle time detail is required, this number represents the species type to be used for calculations.		
17	HAUL_VOL_PER_TREE	NOT NULL	NUMBER(3,2)
	For situations where cycle time detail is required, this represents the average volume per tree to be hauled.		
18	HAUL_DWB_PCT	NOT NULL	NUMBER(5)
	For situations where cycle time details is required, this represents the decay, waste, and breakage percentage to be used in calculations.		
19	LAKE_TOW_DIST_KM	NOT NULL	NUMBER(5)
	A one-way tow distance between the dumping site and the de-watering site.		
20	TRUCK_HAUL_COST_M3	NOT NULL	NUMBER(7,4)
21	LAKE_TOW_COST_M3	NOT NULL	NUMBER(5,2)
	A one-way tow distance between the dumping site and the de-watering site.		
22	ROAD_MTC_COST_M3	NOT NULL	NUMBER(5,2)
	The cost allowance per m3 for road maintenance.		
23	RD_LAND_USE_CHG_M3	NOT NULL	NUMBER(5,2)
	The fee per cubic metre to be charged for using private lands or roads.		
24	TOT_WTR_TRN_CST_M3	NOT NULL	NUMBER(5,2)

Table: APPINT_LGTR_CST (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	The total water transportation cost per m3: the sum of all Appraisal_Water_Transport_Cost allowances.		
25	TOT_SPCLTRN_CST_M3	NOT NULL	NUMBER(5,2)
	The total special transport costs for log transport: the sum of all Appr_Special_Transport_Cost allowances.		
26	DUMP_BOOM_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not dump and booming is required as part of the log transportation.		
27	DEWATER_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not an allowance for dewater unloading is to be factored into the log transportation costs.		
28	RELOAD_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not an allowance for reloading is to be factored into the log transportation costs.		
29	LAKE_TRANSPORT_ST	NOT NULL	VARCHAR2(4)
	A code which identifies a lake to which water transportation cost estimates apply, and contribute to the appraisal costs. A subset of BC_LOCATION_CODE.		
30	LOG_TRNSP_VOL_M3	NOT NULL	NUMBER(7)
	The volume in cubic metres of timber of timber to be transported on a log transportation system.		
31	RD_LAND_USE_DESC	NOT NULL	VARCHAR2(25)
	A description of a charge incurred by the licensee for log transportation on roads built on private land.		

Foreign Keys:

AILTC_AOC_FK
- TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
- APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_LG_CT
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- COST_TYPE_CD

Table: APPINT_SILV_SUM

Description:

The Interior Silviculture Cost estimate is comprised of Basic Silviculture Estimate, Ice Bridge Silviculture Estimate and Specified Silviculture cost estimate.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	BASIC_SILV_COST_M3	NOT NULL	NUMBER(5,2)
	All calculated treatment costs required for a stand to reach free-growing stocking standards.		
4	ICE_BR_SILV_CST_M3	NOT NULL	NUMBER(5,2)
	All calculated treatment costs required for a stand to reach free-growing stocking standards, where ice bridges are required for access.		
5	SPECIF_SILV_CST_M3	NOT NULL	NUMBER(5,2)
	Silviculture treatment costs calculated using detailed engineering methods.		
6	BGC_ZONE	NOT NULL	VARCHAR2(4)
7	BGC_SUBZONE	NOT NULL	VARCHAR2(3)
8	BGC_VARIANT	NOT NULL	VARCHAR2(1)

Foreign Keys:

AISCS_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AI_SL_SUM
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPINT_SPECIES

Description:

This identifies each species within the stand for the appraisal. For each species the volume and selling price per cubic metre are identified. The estimated selling price for each species is based upon market value schedules.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	A two letter code indicating the tree species in the stand.		
4	SPP_LUM_SELPRIC_ZN	NOT NULL	NUMBER(5)
	The lumber selling price zone that is applicable for this species.		
5	INTGRTD_CHPZNE_IND	NOT NULL	VARCHAR2(1)
	An indicator that the normal chip selling price for this point of appraisal is not used (when set to "yes"). Instead, an alternate value is retrieved from the table.		
6	SPECIES_VOLUME	NOT NULL	NUMBER(10)
	Total volume of a species found within the total cruise volume.		
7	SPP_LRF_FCTR_FBM	NOT NULL	NUMBER(5)
	The number of board-feet recoverable from each m3 of cruise volume, for a particular species. This factor is updated (added to) by the LRF Update Factor for this species.		
8	SPECIES_DECAY_PCT	NOT NULL	NUMBER(5)
	Percent decay for a species.		
9	SPECIES_STUD_PCT	NOT NULL	NUMBER(5)
	The net volume of 5 m. logs with top diam. under 20 cm, expressed as a percent of the net cruise volume. I.A. manual, page 19.		
10	SPECIES_BURN_PCT	NOT NULL	NUMBER(5)
	The percentage of cruise volume that is burned and is not useful for producing chips.		
11	SPP_COMPETITIV_IND	NOT NULL	VARCHAR2(1)
	Indicates whether or not bonuses and levies are to be applied to the appraisal.		
12	SPP_SELL_PRICE_M3	NOT NULL	NUMBER(7,4)
	This is the selling price per m3 for each species in the stand.		

Foreign Keys:

AIS_AW_FK
TIMBER_MARK = APP_WORKSHEET.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_WORKSHEET.APP_EFFECTIVE_DATE

Indexes:

UI_AI_SC
TIMBER_MARK
APP_EFFECTIVE_DATE
HDBS_TREE_SPECIES

Table: APPINT_TBBR_CST

Description:

The Appraisal Tabulated Bridge Cost is the information used to determine the cost of a bridge. The Bridge Cost is for Tabulated Bridges for an Interior mark. Tabulated Bridge Cost estimates are determined from a standard bridge cost table.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	BRIDGE_ID	NOT NULL	VARCHAR2(10)
	Unique identifier for a bridge within a cutting authority.		
4	BRIDGE_SPAN	NOT NULL	NUMBER(5)
	Length of the identified bridge in metres.		
5	BRIDGE_CRIB_HEIGHT	NOT NULL	NUMBER(5)
	The average height of the identified bridge in metres.		
6	TAB_BRDG_APPLC_VOL	NOT NULL	NUMBER(10)
	Total volume of logs that will be transported over the identified tabulated bridge.		
7	TAB_BRDG_APPLC_CST	NOT NULL	NUMBER(10)
	The total cost to the mark of the identified bridge.		

Foreign Keys:

AITBC_AIDC_FK
TIMBER_MARK = APPINT_DEV_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APPINT_DEV_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AI_TB_CT
TIMBER_MARK
APP_EFFECTIVE_DATE
BRIDGE_ID

Table: APPINT_TBRD_DTL

Description:

The Appraisal Tabulated Road Detail is the road information used to determine an estimate of the cost of a section of road for an Interior mark, using road cost tables.

Columns:

Seq.	Column	Nulls?	Type
* 6	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 7	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 8	APP_TAB_ROAD_ID	NOT NULL	VARCHAR2(10)
	A unique identifier for each tabulated road within an appraisal.		
* 9	ROAD_SECTION_NMBR	NOT NULL	NUMBER(5)
	Number of a section of tabulated road within a road identity. Note that each new section number represents a change in section length, soil moisture, side slope, construction category, boulder percent, or stabilizing materials used.		
10	ROAD_TYPE_CODE	NOT NULL	VARCHAR2(1)
	Describes the type of road. Valid Road Types, dependent on Appraisal Effective Date, are Main, Operational, Winter, and Block.		
11	SECTION_LENGTH	NOT NULL	NUMBER(5,2)
	Length of a section of a tabulated road (as identified by the section number) in kilometres within a road identifier.		
12	SOIL_MOIST_TYPE_CD	NOT NULL	VARCHAR2(1)
	A general description of the moisture content of the soil based on drainage pattern and vegetation.		
13	UPHLL_SD_SLOPE_PCT	NOT NULL	NUMBER(5)
	The slope percent is measured at right angles to the road centerline and recorded to the nearest integer. This percentage represents all slopes in the section.		
14	CONSTRUCT_CAT_CODE	NOT NULL	VARCHAR2(1)
	Construction category is determined on the basis of the representative rock and other materials used in the subgrade.		
15	BOULDER_PERCENT	NOT NULL	NUMBER(5)
	A cost additive for road construction and landings when there is a significant percentage of boulders in the section.		
16	STABLZ_MATERIAL_CD	NOT NULL	VARCHAR2(1)
	A code used to represent the type of materials used to stabilize the road. Valid types are 'G' (Gravel) and 'R' (Rock).		
17	STABLZ_LENGTH	NOT NULL	NUMBER(3,1)
	The length of road section requiring stabilizing material.		
18	STABLZ_HAUL_DIST	NOT NULL	NUMBER(3,1)
	Distance from the stabilizing material source to the mid-point of the road section being stabilized, in kilometres and measured to the nearest 0.1 kilometre.		
19	NUMBER_OF_LANDINGS	NOT NULL	NUMBER(5)
	The number of landings within a road section.		
20	ROAD_SECTION_COST	NOT NULL	NUMBER(9,2)
	The cost of a section of development for an identified tabulated road section.		
21	ROCK_PERCENT	NOT NULL	NUMBER(5)
	Percentage of rock (including large boulders, may be rippable or may require drilling and blasting) in earth where subgrade construction is being performed. Used as a factor in Subgrade cost estimate calculation.		
22	STABLZ_MATERL_DPTH	NOT NULL	NUMBER(3,2)
	The depth of stabilizing material required for the road section in metres.		
23	SOIL_TEXTURE_PCT	NOT NULL	NUMBER(5)
	The percentage of silt, clay, and loam soils found in the road section.		
24	STABILIZING_MATERIAL_REQ_IND	NOT NULL	VARCHAR2(1)
	Indicates whether not a road requires non-empty stabilizing material fields.		

Foreign Keys:

AITRD_AITRS_FK
APP_TAB_ROAD_ID = APPINT_TBRD_SUM.APP_TAB_ROAD_ID

Table: APPINT_TBRD_DTL (cont'd)

Foreign Keys:

APP_EFFECTIVE_DATE = APPINT_TBRD_SUM.APP_EFFECTIVE_DATE
TIMBER_MARK = APPINT_TBRD_SUM.TIMBER_MARK

Indexes:

UI_AI_TR_DT
TIMBER_MARK
APP_EFFECTIVE_DATE
APP_TAB_ROAD_ID
ROAD_SECTION_NMBR

Table: APPINT_TBRD_SUM

Description:

The total cost of each road used by the mark. Made up of road details and allocated to the mark based on mark volume divided by applicable volume for each road.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	APP_TAB_ROAD_ID	NOT NULL	VARCHAR2(10)
	A unique identifier for each tabulated road within an appraisal.		
4	APP_TAB_RD_TTL_LEN	NOT NULL	NUMBER(5,1)
	The total length of all of the sections for the mark.		
5	APP_TAB_RD_TTL_CST	NOT NULL	NUMBER(9,2)
	The cost of the identified tabulated road development.		
6	APP_TAB_RD_NO_LAND	NOT NULL	NUMBER(5)
	This figure represents the total number of landings for a specific road.		
7	APP_TAB_RD_NO_SECT	NOT NULL	NUMBER(5)
	This figure represents the total number of sections for a specific road.		
8	APP_TAB_RD_APLCVOL	NOT NULL	NUMBER(10)
	The total volume over which the total road cost is to be divided. Not necessarily tied to the mark.		
9	APP_TAB_RD_APLCCST	NOT NULL	NUMBER(9,2)
	The total tabulated road cost for an identified road to be charged to the mark.		
10	INTERIOR_BGC_ST	NOT NULL	VARCHAR2(4)
	The most predominant Biogeoclimatic Zone which this road covers within and servicing the Cutting Authority. Subset of BGC_ZONE.		
11	TBRD_ALLOC_CST_IND	NOT NULL	VARCHAR2(1)
	An indicator that the cost of the road estimated by tabular means has been assumed by the crown. This road cost will be included in the development levy.		
12	ROAD_GROUP_ID	NOT NULL	NUMBER(5)
	Identifies a road group. The calculation for each road group is used to estimate tabulated road costs.		

Foreign Keys:

AITRS_AIDC_FK
TIMBER_MARK = APPINT_DEV_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APPINT_DEV_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AI_TR_SUM
TIMBER_MARK
APP_EFFECTIVE_DATE
APP_TAB_ROAD_ID

Table: APPINT_TTT_COST

Description:

The estimates of costs for items to harvest a tree and load it onto a logging truck, ready for transport to a point of appraisal, for an Interior mark, expressed in $/m3.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	DIST_MARSHAL_POINT	NOT NULL	NUMBER(5)
	The distance from the timber mark to the marshalling point.		
4	DIST_SERVCE_CENTRE	NOT NULL	NUMBER(5)
	Distance from the timber mark to the service centre.		
5	TTT_CONVENTNL_COST	NOT NULL	NUMBER(7,4)
	Total cost per cubic metre for logs utilizing conventional tree to truck methods.		
6	TTT_CBL_YARD_COST	NOT NULL	NUMBER(7,4)
	Total cost per cubic metre for logs utilizing overhead cable logging tree to truck methods. Exclusively for clear cut cable yarding effective 1995. (Previous to 1995 held cost derived from cable yarding clear cut and cable yarding partial cut data)		
7	TTT_HELI_COST	NOT NULL	NUMBER(7,4)
	Total cost per cubic metre for logs utilizing helicopter tree to truck methods.		
8	TTT_HORSE_LOG_CST	NOT NULL	NUMBER(7,4)
	Total cost per cubic metre for logs utilizing horse logging tree to truck methods.		
9	SPEC_OPRN_DESCRIPT	NOT NULL	VARCHAR2(20)
	This field represents the textual qualification for an entered specified operation.		
10	SPEC_OPRN_COST_M3	NOT NULL	NUMBER(5,2)
	This field represents the dollar per cubic metre cost for a specified operation.		
11	APP_SRVC_CENTRE_ST	NOT NULL	VARCHAR2(4)
	A code signifying a designated location that supplies major heavy equipment parts and service.		
12	MARSHAL_POINT_ST	NOT NULL	VARCHAR2(4)
	A code signifying the closest point where the labour supply for the mark could come from.		
13	SPEC_OPRN_VOLUME	NOT NULL	NUMBER(10)
	The volume in cubic metres of logs that are handled by the specified operation of the tree to truck phase.		
14	APP_SUPP_CENTRE_ST	NOT NULL	VARCHAR2(4)
	Closest centre to the cutting authority being appraised where support services can be provided.		
15	DIST_SUPP_CENTRE	NOT NULL	NUMBER(5)
	Distance in kilometres to the closest support centre.		
16	TTT_SELECT_COST_M3	NOT NULL	NUMBER(7,2)
	Total cost per cubic metre for logs utilizing ground skidding selective cut tree to truck methods.		
17	TTT_OHC_PARTL_COST	NOT NULL	NUMBER(7,2)
	Total cost per cubic metre for logs utilizing overhead cable yarding partial cut tree to truck method. This data is valid effective 1995.		
18	TTT_SKYLINE_CST_M3	NOT NULL	NUMBER(7,2)
	Total cost per cubic metre for logs utilized by skyline yarding method for clear cutting.		
19	SKYLINE_PARTL_CST	NOT NULL	NUMBER(7,2)
	Total cost per cubic metre for logs utilized by skyline yarding method for partial cutting.		
20	ACCESS_CAMP_IND	NOT NULL	VARCHAR2(1)
	An indication of whether or not the cutting authority is accessible from a camp.		
21	TTT_HELI_PARTL_CST	NOT NULL	NUMBER(7,2)
	Total tree to truck cost per cubic metre for logs harvested by helicopter partial cut method.		

Foreign Keys:

AITTTC_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AI_T_CT

Table: APPINT_TTT_COST (cont'd)

Indexes:

TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPL_MESSAGE

Description:

Contains messages about conditions within an application.

Columns:

Seq.	Column	Nulls?	Type
* 1	SYSTEM_ABBR Approved abbreviation for a system name.	NOT NULL	VARCHAR2(3)
* 2	MESSAGE_NUMBER Sequential number assigned to the condition within an application.	NOT NULL	NUMBER(5)

Indexes:

IN_APP_MG
- SYSTEM_ABBR

UI_AP_MG
- SYSTEM_ABBR
- MESSAGE_NUMBER

Table: APPRAISAL_CURRENCY_CONVERSION

Description:

This table contains the appraisal currency conversions for the MPS Interior Appraisals. The conversion rate is the amount of foreign funds needed to convert to $1 Canadian. For example, a CONVERSION_RATE of 0.89 means that it will take $0.89 USD to make $1 Canadian. This table is updated monthly, as the currency rate is defined as the monthly averaged currency rate.

Columns:

Seq.	Column	Nulls?	Type
* 1	APP_CURRENCY_CONV_ID Unique identifier for the table, primary key	NOT NULL	NUMBER(4,0)
2	CURRENCY_TYPE_CODE Character code to describe the type of currency being converted to.	NOT NULL	VARCHAR2(4)
3	CONVERSION_RATE The amount of foreign funds needed to convert to $1 Canadian.	NOT NULL	NUMBER(8,4)
4	EFFECTIVE_DATE The date for which this conversion rate is effective	NOT NULL	DATE
5	EXPIRY_DATE The date at which the conversion rate expires.	NOT NULL	DATE

Unique Constraints:

APP_CURR_APP_CURR_SECONDARY_UK
- CURRENCY_TYPE_CODE
- EFFECTIVE_DATE
- EXPIRY_DATE

Table: APPRAISAL_REFERENCE_TYPE_CODE

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_REFERENCE_TYPE_CODE	NOT NULL	VARCHAR2(3)
	The primary key for a code used to identify the purpose of an appraisal (e.g. RP which would stand for Road Permit).		
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
	A summary of the semantic meaning behind the reference type code.		
3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the reference type becomes effective.		
4	EXPIRY_DATE	NOT NULL	DATE
	The date on which the reference type is no longer effective.		
5	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the reference type was last updated.		

Table: APPR_ADJ_PARMS

Description:

The Appraisal Adjustment Parameters entity contains information that determines when adjustments will cease for otherwise normally adjustable Appraisal Worksheets.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
	3	CEASE_ADJSTMNT_DT	NOT NULL	DATE
		The date beyond which no adjustments will take place for an otherwise normally adjusting Appraisal Worksheet.		
	4	FRZ_DFLT_BLL_RT_DT	NOT NULL	DATE
		The date that will determine the last default billing rates to be applied to an Appraisal Worksheet.		

Foreign Keys:

AAP_AW_FK
TIMBER_MARK = APP_WORKSHEET.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_WORKSHEET.APP_EFFECTIVE_DATE

Indexes:

UI_AP_A_P
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPR_COAST_SILV

Description:

This entity contains factors (other than org unit data) that impact the coast appraisal silviculture calculations.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	AERIAL_YRDNG_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the mark is logged exclusively by aerial methods. Current methods are: helicopter, balloon, skyline and A-frame.		

Foreign Keys:

ACSF_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_C_S
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPR_GRND_SEL

Description:

This entity represents factors that will modify the selective ground skidding phase of an appraisal. These factors include: soft track skidding, heavy fire damage, dead useless snags, and blowdown.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	SEL_GRND_SKID_VOL	NOT NULL	NUMBER(10)
	Volume used to prorate the selective ground skidding logging system cost.		
4	VOLUME_PER_TREE_M3	NOT NULL	NUMBER(3,2)
	Average net merchantable volume per tree for the area being selectively logged.		
5	VOL_PER_HECTARE_M3	NOT NULL	NUMBER(9,2)
	The average net merchantable volume per hectare for the area to being selectively logged.		
6	AVG_SIDE_SLOPE_PCT	NOT NULL	NUMBER(5)
	The unweighted average of the maximum side slopes of all cruise plots situated within the area to be selectively logged.		
7	BLOWDOWN_PERCENT	NOT NULL	NUMBER(5)
	The percent of net volume that is not standing due to natural causes within the area to be selectively logged.		
8	HVY_FIRE_DMG_PCT	NOT NULL	NUMBER(5)
	The percent of net volume that is heavily damaged by fire for the area to be selectively logged.		
9	DEAD_USELS_SNG_PCT	NOT NULL	NUMBER(5)
	The percentage of snags in relation to the sum of conifer stems and snags for the area to be selectively logged.		
10	CRLR_TRCTR_SKD_PCT	NOT NULL	NUMBER(5)
	The percentage of selectively logged timber by crawler tractor skidding.		
11	SOFT_TRK_SKID_PCT	NOT NULL	NUMBER(5)
	The percentage of selectively logged timber by soft track skidding.		
12	SLCTV_LOGGING_PCT	NOT NULL	NUMBER(5)
	The percentage of timber selectively logged.		
13	INTERIOR_BGC_ST	NOT NULL	VARCHAR2(4)
	The most predominant Biogeoclimatic Zone for the area to be selectively logged within this cutting authority. Subset of BGC_ZONE code.		
14	STAND_DEFECT_PCT	NOT NULL	NUMBER(5)
	The percent of gross decay, waste, and breakage percent for the area to be logged by ground skidding selective cut method.		
15	LOW_GRND_PRSSR_PCT	NOT NULL	NUMBER(5)
	The percentage of the volume to be harvested by the Low Ground Pressure - Ground Skidding (partial cut) method.		

Foreign Keys:

AGSS_AITTTC_FK
APP_EFFECTIVE_DATE = APPINT_TTT_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APPINT_TTT_COST.TIMBER_MARK

Indexes:

UI_AP_G_S
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPR_HDBS_TXN

Description:

This table is to be used to supply the HDBS bridge with information in the following situations: 1. A worksheet status is changed to CNF 2. A mark is adjusted by the SAR process 3 . A confirmed worksheet is deleted

Columns:

Seq.	Column	Nulls?	Type
1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
2	HDBS_ACTION_ACODE	NOT NULL	VARCHAR2(1)
	The type of transaction that occurred. Valid values are: a - add, c - change, d - delete, r - reactivate		
3	SEND_TXN_IND	NOT NULL	VARCHAR2(1)
	A 'Y' indicates that an HDBS mark file transaction is required, a 'N' indicates that it has been sent.		
4	SENDING_SYSTEM	NOT NULL	VARCHAR2(3)
	The appraisal system where the transaction originated ('CAS', 'IAS', or 'SAR')		
* 5	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was made to the activity file.		
6	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The userid that performed the entry to the activity file.		
7	SENT_TIMESTAMP	NOT NULL	DATE
	The date and time the transaction was created.		
8	SENT_USERID	NOT NULL	VARCHAR2(8)
	The userid that created the transaction.		

Foreign Keys:

AHT_TM_FK
TIMBER_MARK = TIMBER_MARK.TIMBER_MARK

Indexes:

UI_AP_H_T
ENTRY_TIMESTAMP

Table: APPTTT_CBL_VAR

Description:

The variables used to calculate the additional cost that may be incurred to utilize the cable yarding logging system.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
	3	CABLE_YARD_VOLUME	NOT NULL	NUMBER(10)
		The volume of trees expressed in m3 to utilize cable yarding.		
	4	APP_SPP_TYPECODE	NOT NULL	NUMBER(5)
		A code based on the species composition to be logged by cable yarding. Valid range: 1 through 5.		
	5	VOLUME_PER_TREE_M3	NOT NULL	NUMBER(3,2)
		Average net merchantable volume per tree for cable yarding logging methods.		
	6	VOL_PER_HECTARE_M3	NOT NULL	NUMBER(9,2)
		Average net merchantable volume per hectare of the area to be logged by overhead cable yarding.		
	7	AVG_SIDE_SLOPE_PCT	NOT NULL	NUMBER(5)
		The unweighted average of the maximum side slopes of all cruise plots situated within the area to be logged by cable yarding methods.		
	8	STAND_DEFECT_PCT	NOT NULL	NUMBER(5)
		Percent of total decay, waste, and breakage in the stand to be cable yarded. This figure is supplied from the cruise.		
	9	BLOWDOWN_PERCENT	NOT NULL	NUMBER(5)
		The percentage for the area of net volume that is not standing due to natural causes that will be cable yarded.		
	10	HVY_FIRE_DMG_PCT	NOT NULL	NUMBER(5)
		The percentage of net volume that has received heavy fire damage for the area that will be cable yarded.		
	11	DEAD_USELS_SNG_PCT	NOT NULL	NUMBER(5)
		The percent of dead useless snags in relation to the sum of conifer stems and snags for the area to be logged by cable yarding.		
	12	INTERIOR_BGC_ST	NOT NULL	VARCHAR2(4)
		The most predominant Biogeoclimatic Zone of the area to be logged by Overhead Cable Yarding within the Cutting Authority. Subset of BGC_ZONE code.		
	13	SLCTV_LOGGING_PCT	NOT NULL	NUMBER(5)
		The percentage of timber selectively logged.		

Foreign Keys:

ATTTCYV_AITTTC_FK
APP_EFFECTIVE_DATE = APPINT_TTT_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APPINT_TTT_COST.TIMBER_MARK

Indexes:

UI_AT_C_V
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPTTT_CBL_YPC

Description:

This entity represents factors that will modify the overhead cable yarding partial cut phase of an appraisal. These factors include: stand defect, heavy fire damage, dead useless snags, partial cut percent, volume per tree, biogeoclimatic zone.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	CBL_YARD_PRTL_VOL	NOT NULL	NUMBER(10)
	The volume of trees expressed in cubic metres harvested using cable yarding partial cut method.		
4	INTERIOR_BGC_ST	NOT NULL	VARCHAR2(4)
	The most predominant Biogeoclimatic Zone of the area to be logged by Overhead Cable Yarding within the Cutting Authority. Subset of BGC_ZONE code.		
5	VOLUME_PER_TREE_M3	NOT NULL	NUMBER(3,2)
	Average net merchantable volume per tree for cable yarding partial cut logging methods.		
6	PARTIAL_CUT_PCT	NOT NULL	NUMBER(5)
	The percentage of the stand volume harvested.		
7	HVY_FIRE_DMG_PCT	NOT NULL	NUMBER(5)
	The percentage of net volume that has received heavy fire damage for the area that will be harvested by cable yarding partial cut method.		
8	DEAD_USELS_SNG_PCT	NOT NULL	NUMBER(5)
	The percentage of dead useless snags in relation to the sum of conifer stems and snags for the area to be logged by cable yarding partial cut methods.		
9	STAND_DEFECT_PCT	NOT NULL	NUMBER(5)
	Percent of total decay, waste, and breakage in the stand to be partial cut cable yarded. This fugure is supplied from the cruise.		
10	AVG_SIDE_SLOPE_PCT	NOT NULL	NUMBER(5)
	The unweighted average of the maximum side slopes of all cruise plots situated within the area to be logged by cable yarding methods.		
11	BLOWDOWN_PERCENT	NOT NULL	NUMBER(5)
	The percentage for the area of net volume that is not standing due to natural causes that will be harvested by cable yarding partial cut method.		
12	VOL_PER_HECTARE_M3	NOT NULL	NUMBER(9,2)
	Average net merchantable volume per hectare of the area to be logged by overhead cable yarding partial cut method..		

Foreign Keys:

TTTCYPC_AITTTC_FK
APP_EFFECTIVE_DATE = APPINT_TTT_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APPINT_TTT_COST.TIMBER_MARK

Indexes:

UI_AT_C_Y
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APPTTT_CNVT_VAR

Description:

These are factors that modify the conventional tree to truck costs for a mark, including stand defect percent, blowdown volume, selective logging percent and winter logging percent.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	APP_SPP_GROUPCODE	NOT NULL	NUMBER(5)
	A code based on the species composition to be logged by conventional methods. Valid range: 1 through 5.		
4	APP_SPP_TYPECODE	NOT NULL	NUMBER(5)
	A number representing the species composition to be logged by conventional methods. Valid range: 1 through 5.		
5	CNVNTNL_LOGING_VOL	NOT NULL	NUMBER(10)
	Volume used to prorate the conventional logging system cost.		
6	VOLUME_PER_TREE_M3	NOT NULL	NUMBER(3,2)
	Average net merchantable volume per tree for conventional logging methods.		
7	VOL_PER_HCTARE_M3	NOT NULL	NUMBER(5)
	The average net merchantable volume per hectare for the area to be logged by conventional methods.		
8	STAND_DEFECT_PCT	NOT NULL	NUMBER(5)
	The percent of gross decay, waste, and breakage percent for the area to be logged by conventional methods.		
9	AVG_SIDE_SLOPE_PCT	NOT NULL	NUMBER(5)
	The unweighted average of the maximum side slopes of all cruise plots situated within the area to be logged by conventional methods.		
10	BLOWDOWN_PERCENT	NOT NULL	NUMBER(5)
	The percent of net volume that is not standing due to natural causes within the area to be logged by conventional methods.		
11	HVY_FIRE_DMG_PCT	NOT NULL	NUMBER(5)
	The percent of net volume that is heavily fire damaged for the area to be logged by conventional methods.		
12	DEAD_USELS_SNG_PCT	NOT NULL	NUMBER(5)
	The percentage of snags in relation to the sum of conifer stems and snags for the area to be logged by conventional methods.		
13	CRLR_TRCTR_SKD_PCT	NOT NULL	NUMBER(5)
	The percentage of conventional logging volume for crawler tractor skidding.		
14	SOFT_TRK_SKID_PCT	NOT NULL	NUMBER(5)
	The percentage of conventional logging volume for soft track skidding.		
15	SLCTV_LOGGING_PCT	NOT NULL	NUMBER(5)
	The percentage of conventional logging volume for selective logging.		
16	WINTER_LOGGING_PCT	NOT NULL	NUMBER(5)
	The percentage of conventional logging volume required to be harvested during winter.		
17	INTERIOR_BGC_ST	NOT NULL	VARCHAR2(4)
	The most predominant Biogeoclimatic Zone for the area to be clear cut within the cutting authority. Subset of BGC_ZONE code.		
18	LOW_GRND_PRSSR_PCT	NOT NULL	NUMBER(5)
	The percentage of the volume to be harvested by the Low Ground Pressure - Ground Skidding (clear cut) method.		

Foreign Keys:

ATTTCV_AITTTC_FK
APP_EFFECTIVE_DATE = APPINT_TTT_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APPINT_TTT_COST.TIMBER_MARK

Indexes:

UI_AT_CV

Table: APPTTT_CNVT_VAR (cont'd)

Indexes:

TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_ADMIN_COST

Description:

This entity deals with estimates of cost per cubic metre of administrating the mark. The estimates include: Overhead, Crew Transportation, Low Volume Additive, Accommodation and Remoteness.

Columns:

Seq.	Column	Nulls?	Type
* 10	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 20	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
30	MARSHLNG_POINT_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not a logging operation is accessible.		
40	ISLTD_ACCOM_TYP_CD	NOT NULL	VARCHAR2(1)
	Identifies type of accommodation in isolated areas for appraisal purposes.		
50	CREW_TRNSP_DSTNCE	NOT NULL	NUMBER(5,2)
	Distance to move crews (see crew transportation).		
60	ADMIN_SPEC_OP_DESC	NOT NULL	VARCHAR2(25)
	A description of the admin specified operation cost. The reason for overriding the cost versus allowing the system to calculate it.		
70	ADMIN_SPEC_OP_COST	NOT NULL	NUMBER(5,2)
	A cost estimate determined for a specified administration operation (see ADMINISTRATION_SPECIFIED OP COST).		
80	GEN_AND_ADMIN_COST	NOT NULL	NUMBER(7,4)
	Costs for related administrative and supervisory activites attributed to logging that occur at the head office, branch office and camp or operation.		
90	OPERATIONAL_COST	NOT NULL	NUMBER(7,4)
	The cost estimate for non-administrative overhead.		
100	CREW_TRANSP_COST	NOT NULL	NUMBER(7,4)
	The cost of moving crew to and from the appraisal marshalling area to the centre of the work area in the cutting authority .		
110	REMOTENESS_COST	NOT NULL	NUMBER(7,4)
	The additional administrative and overhead cost incurred by remote operations.		
120	ACCOMMODATION_COST	NOT NULL	NUMBER(7,4)
	The cost of room/board for the workers.		
130	LOW_VOL_ADDTV_COST	NOT NULL	NUMBER(7,4)
	Low volume additive is zero unless the allowable annual cut or total net cruise volume is less than 5000 cubic metres.		
140	BUNK_COOKHOUSE_IND	NOT NULL	VARCHAR2(1)
	Identifies whether facilites exist or are under construction and over 80% of the logging crew resides in the camp.		
150	AIR_WATER_FRGT_IND	NOT NULL	VARCHAR2(1)
	Indicates whether all freight in/out of the camp must be shipped via air or water (not by road).		
160	AIRFARE_ALLOW_IND	NOT NULL	VARCHAR2(1)
	Indicates whether crews must be flown in/out of the camp for crew changes.		

Foreign Keys:

AAC_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_AM_CT
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_ALC_RD_COST

Description:

This entity deals with the cost estimate for roads constructed at Crown expense for SBFEP. Allocated Road Cost is also used to determine the Development Levy.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	ROAD_ID	NOT NULL	VARCHAR2(10)
	Unique identifier for a road within a timber mark.		
4	ROAD_LENGTH	NOT NULL	NUMBER(5,2)
	Length of engineered road in kilometres.		
5	CROWN_PERCENTAGE	NOT NULL	NUMBER(5)
	Percentage of the cost to the crown to develop an identified section of road included in the appraisal.		
6	ALLOC_ROAD_COST	NOT NULL	NUMBER(11,4)
	Net allocated road cost to be included in the appraisal.		

Foreign Keys:

ARC_ADC_FK
APP_EFFECTIVE_DATE = APP_DEV_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APP_DEV_COST.TIMBER_MARK

Indexes:

UI_AP_ARC
TIMBER_MARK
APP_EFFECTIVE_DATE
ROAD_ID

Table: APP_ALLOC_COST

Description:

This entity deals with the dollar cost estimate for roads and drainage structures constructed at Crown expense for the Small Business Forest Enterprise Program. Allocated Costs are used to determine the Development Levy.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	ALLOCATED_COST_ID	NOT NULL	VARCHAR2(10)
	A unique identifier for an allocated cost. It may be a portion of a cost incurred by the crown for a Small Business Forest Enterprise Program (SBFEP).		
4	ALLOCATED_COST_EST	NOT NULL	NUMBER(9,2)
	A cost incurred by the crown to be charged back to the SBFEP licencee as a development levy.		
5	ALLOC_APPL_VOLUME	NOT NULL	NUMBER(10)
	Total volume of timber over which the development costs are amortized.		

Foreign Keys:

AAC1_AIDC_FK
- TIMBER_MARK = APPINT_DEV_COST.TIMBER_MARK
- APP_EFFECTIVE_DATE = APPINT_DEV_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_AC
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- ALLOCATED_COST_ID

Table: APP_BRIDGE_COST

Description:

The Appraisal Bridge Cost is the information used to determine cost for a bridge. The Bridge Cost is for both Engineered and Tabulated Bridges. Tabulated Bridge Cost estimates are determined from a bridge cost table; Engineered cost is directly entered.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	BRIDGE_ID	NOT NULL	VARCHAR2(10)
	Identifier for a bridge within a cutting authority.		
4	APP_BRIDGE_TYPE_ST	NOT NULL	VARCHAR2(3)
	Identifies the type of bridge used for cost estimates.		
5	BRIDGE_SPAN	NOT NULL	NUMBER(5)
	Length of the identified bridge in metres.		
6	BRIDGE_CRIB_HEIGHT	NOT NULL	NUMBER(5)
	The average height of the identified bridge in metres		
7	BRIDGE_COST	NOT NULL	NUMBER(10)
	The total cost of the identified bridge.		
8	BRIDGE_ROLOVER_PCT	NOT NULL	NUMBER(5)
	The percentage of bridge cost to include in a current appraisal.		
9	TABULTD_BRIDGE_IND	NOT NULL	VARCHAR2(1)
	A flag to indicate whether the identified bridge cost is tabulated or engineered.		
10	APPLICABLE_VOLUME	NOT NULL	NUMBER(10)
	The apportioned volume of timber transported over a bridge, culvert or road.		

Foreign Keys:

ABC_ADC_FK
APP_EFFECTIVE_DATE = APP_DEV_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APP_DEV_COST.TIMBER_MARK

Indexes:

UI_AP_BC
TIMBER_MARK
APP_EFFECTIVE_DATE
BRIDGE_ID

Table: APP_BSILV_M3TBL

Description:

Contains the Basic Silviculture Cost Estimate per Cubic Metre, according to Effective Date and Forest District, for Coast Appraisal Worksheets.

Columns:

	Seq.	Column	Nulls?	Type
*	1	EFFECTIVE_DATE	NOT NULL	DATE
		The date that the Basic Silviculture Cost Estimate per cubic metre becomes effective. Applicable to Appraisal Worksheets with Appraisal Effective Date on or after the Effective Date.		
*	2	GEOGRAPHIC_DISTRCT	NOT NULL	NUMBER(10)
		Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
*	3	BGC_ZONE	NOT NULL	VARCHAR2(4)
*	4	BGC_SUBZONE	NOT NULL	VARCHAR2(3)
*	5	BGC_VARIANT	NOT NULL	VARCHAR2(1)
	6	COMMITTED_IND	NOT NULL	VARCHAR2(1)
		An indication to whether or not the Basic Silviculture Cost Estimate per cubic metre has been reviewed and approved.		
	7	BASIC_SILV_CST_M3	NOT NULL	NUMBER(6,2)
		Contains the Basic Silviculture Cost Estimate per cubic metre, according to Effective Date and Forest District, for Coast Appraisal Worksheets.		

Foreign Keys:

ABSCMT_OU_FK
GEOGRAPHIC_DISTRCT = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_AP_DL_M3
EFFECTIVE_DATE
GEOGRAPHIC_DISTRCT
BGC_ZONE
BGC_SUBZONE
BGC_VARIANT

Table: APP_CULVERT_CST

Description:

The identifiers and cost for circular pipe culverts developed for the mark. Round pipe culvert costs are summed by diameter, length and number.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
*	3	SEQUENCE_NUMBER	NOT NULL	NUMBER(5)
		Sequence number which will be used to allow for multiple entries (culverts) of the same size and diameter for a given appraisal.		
	4	CIRC_PIPE_DIAMETR	NOT NULL	NUMBER(3,1)
		Diameter of a metal circular pipe culvert in metres.		
	5	CIRC_PIPE_LENGTH	NOT NULL	NUMBER(5)
		The length in metres of the circular culvert to be installed.		
	6	CULVERT_QUANTITY	NOT NULL	NUMBER(5)
		The number of culverts of a appraised for this timber mark.		
	7	CULVERT_COST	NOT NULL	NUMBER(10)
		The cost of a type and size of culvert from the TABULATED CULVERT COST ESTIMATE TABLE, multiplied by the number of culverts of this type and size appraised for this Timber Mark.		
	8	CLVRT_ROLLOVER_PCT	NOT NULL	NUMBER(5)
		The percentage of culvert cost to include in a current appraisal.		
	9	TABULTD_CULVRT_IND	NOT NULL	VARCHAR2(1)
		A flag to indicate whether the identified culvert cost is tabulated or engineered.		
	10	APPLICABLE_VOLUME	NOT NULL	NUMBER(10)
		The apportioned volume of timber transported over a bridge, culvert or road.		

Foreign Keys:

ACCE_ADC_FK
- APP_EFFECTIVE_DATE = APP_DEV_COST.APP_EFFECTIVE_DATE
- TIMBER_MARK = APP_DEV_COST.TIMBER_MARK

Indexes:

UI_AP_CVCT
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- SEQUENCE_NUMBER

Table: APP_DEV_COST

Description:

Development costs are estimated for three construction phases: subgrade construction, construction, & installation of drainage structures. This entity contains the calculated (derived) development costs for road & bridge construction, expressed in $/m3.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	BRIDGE_COST_M3	NOT NULL	NUMBER(7,2)
	Total bridge cost in a specified timber mark divided by the Total Cruise Volume.		
4	ENGNRD_RD_COST_M3	NOT NULL	NUMBER(7,2)
	Total cost of all engineered roads within a specified timber mark divided by the Total Cruise Volume.		
5	TABULTD_RD_COST_M3	NOT NULL	NUMBER(7,2)
	The total estimate per cubic metre to develop all indicated tabulated roads divided by the Total Cruise Volume.		
6	ALLOC_RD_COST_M3	NOT NULL	NUMBER(7,2)
	Total cost of all allocated roads divided by the Total Cruise Volume.		
7	TABULTD_RD_LENGTH	NOT NULL	NUMBER(7,3)
	Total length of all tabulated roads within the timber mark.		
8	HARD_ROCK_RD_LNGTH	NOT NULL	NUMBER(7,3)
	The total length of road that has a rock mass classification of hard.		
9	ENGNRD_BRDG_CST_M3	NOT NULL	NUMBER(7,2)
	Total cost of all engineered bridges within the timber mark divided by the Total Cruise Volume.		
10	TABLTD_BRDG_CST_M3	NOT NULL	NUMBER(7,2)
	Total cost of all tabulated bridges within a specified timber mark divided by the Total Cruise Volume.		
11	ENGNRD_CLVT_CST_M3	NOT NULL	NUMBER(7,2)
	Total cost of all engineered culverts within the timber mark divided by the Total Cruise Volume.		
12	TABLTD_CLVT_CST_M3	NOT NULL	NUMBER(7,2)
	Total cost of all tabulated culverts within a specified timber mark divided by the Total Cruise Volume.		
13	HARD_ROCK_IND	NOT NULL	VARCHAR2(1)
	An initial indication as to whether or not 90 % or more of all rock mass classification's in the specified timber mark are hard. To be later verified by a calculation.		
14	TTL_ROCK_RD_LNGTH	NOT NULL	NUMBER(7,3)
	The total length of road that has subgrade construction category code of 2 - 6.		
15	RECONSTRCTN_CST_M3	NOT NULL	NUMBER(5,2)
	Total calculated reconstruction and replacement cost for a timber mark divided by net cruise volume.		
16	ROAD_COST_ZONE_CD	NOT NULL	VARCHAR2(3)
	A code associated with a geographical area within which logging road construction costs are similar. This attribute is captured for appraisals effective on or after April 1, 1996. This code may not be valid for all Forest Districts.		
17	AVG_ROAD_CRWN_PCT	NOT NULL	NUMBER(5)
	Percentage of the cost to the crown for the construction of average logging roads included in the appraisal. This attribute is captured for appraisals effective on or after April 1, 1996.		

Foreign Keys:

ADC_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_DMCT
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_DSB_CST_TBL

Description:

The cost estimates for sort costs related to dump, sort, boom, scale and re-load from dryland sorts for Remote or Non-Remote Operations. The cost allowances are for Barging or Towing conditions.

Columns:

Seq.	Column	Nulls?	Type
* 1	WATER_TRANSPORT_CD	NOT NULL	VARCHAR2(1)
	A code describing the type of water transportation used. Valid values are 'BARGE' and 'TOWING'.		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the dump, sort, boom and scale cost becomes effective.		
* 3	REMOTENESS_IND	NOT NULL	VARCHAR2(1)
	A flag to indicate that this is a remote operation.		
4	DMP_SRT_BM_CST_M3	NOT NULL	NUMBER(5,2)
	The cost for dumping, sorting, booming and scaling of the logs based on the point of origin.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated dump, sort, and boom cost record has been reviewed and approved.		

Indexes:

UI_AP_DCT
- WATER_TRANSPORT_CD
- EFFECTIVE_DATE
- REMOTENESS_IND

Table: APP_ENGINRD_CST

Description:

The Appraisal Engineered Cost is the cost of a section of road, a bridge or a culvert, that cannot be determined by standard cost tables. The engineered cost is identified by a unique id and entered by the appraiser as a dollar value.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	ENG_COST_ID	NOT NULL	VARCHAR2(10)
	A unique identifier for an engineered road, bridge, culvert, or other structure the cost of which will be fully or partially borne by a timber mark.		
4	ENGINEERED_CST_EST	NOT NULL	NUMBER(9,2)
	The estimated cost to build a road, bridge, culvert, or other structure, estimated by an engineer and entered on the worksheet.		
5	ENGINEER_APPL_VOL	NOT NULL	NUMBER(10)
	Total volume of timber over which the development costs are amortized.		

Foreign Keys:

AEC_AIDC_FK
- TIMBER_MARK = APPINT_DEV_COST.TIMBER_MARK
- APP_EFFECTIVE_DATE = APPINT_DEV_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_ENCT
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- ENG_COST_ID

Table: APP_ENG_RD_COST

Description:

The Appraisal Engineered Road Cost is the cost of a road that cannot be determined by standard road cost tables. The road cost is entered by the appraiser as a dollar value.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
*	3	ROAD_ID	NOT NULL	VARCHAR2(10)
		Unique identifier for a road within a timber mark.		
	4	ROAD_LENGTH	NOT NULL	NUMBER(7,3)
		Length of engineered road in kilometres.		
	5	ROLLOVER_PCT	NOT NULL	NUMBER(5)
		A percentage of the road cost to be included in the appraisal.		
	6	ENGINRD_ROAD_COST	NOT NULL	NUMBER(9,2)
		The estimated cost to build the road.		
	7	APPLICABLE_VOLUME	NOT NULL	NUMBER(10)
		The apportioned volume of timber transported over a bridge, culvert or road.		

Foreign Keys:

AERC_ADC_FK
APP_EFFECTIVE_DATE = APP_DEV_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APP_DEV_COST.TIMBER_MARK

Indexes:

UI_AP_ENRC
TIMBER_MARK
APP_EFFECTIVE_DATE
ROAD_ID

Table: APP_HELI_CST_TB

Description:

The additional cost of helicopter operations that may be incurred to harvest a tree.

Columns:

Seq.	Column	Nulls?	Type
* 1	APP_HELI_TYPE_CODE	NOT NULL	VARCHAR2(1)
	A code to represent the type of helicopter logging that the associated cost represents. Valid values are 'W' (Water) 'L' (Land).		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the helicopter costs become effective.		
3	HELICOPTER_COST_M3	NOT NULL	NUMBER(5,2)
	The cost for helicopter logging per cubic metre.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated helicopter cost record has been reviewed and approved.		

Indexes:

UI_AP_HCT
- APP_HELI_TYPE_CODE
- EFFECTIVE_DATE

Table: APP_HIST_REGION

Description:

Used to identify historical region for appraisals for timber marks issued after April 1, 2003 in Headwaters Forest District.

Columns:

Seq.	Column	Nulls?	Type
* 3	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		
* 10	REGION_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 20	DISTRICT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		

Foreign Keys:

AHR_OU_FK
REGION_NO = ORG_UNIT.ORG_UNIT_NO
AHR_OU_IDENTIFIES_DISTRICT__FK
DISTRICT_NO = ORG_UNIT.ORG_UNIT_NO
AHR_PFU_FK
FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

UI_AP_HR
FOREST_FILE_ID
REGION_NO
DISTRICT_NO

Table: APP_IBRSILV_CST

Description:

The silviculture costs for areas of the mark accessible by ice bridge. Treatment regimes are the same as for basic silviculture, but the costs for these areas are increased by a factor (currently cost * 1.2) to recognize the increased difficulty of access during summer months.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	TREATMENT_REGIME	NOT NULL	VARCHAR2(2)
	The grouping for areas requiring similar silviculture treatment.		
4	MERCHANTABLE_AREA	NOT NULL	NUMBER(7,1)
	The timbered area for the mark requiring basic silviculture treatment, that is accessed by ice bridge.		
5	NC_BRUSH_AREA	NOT NULL	NUMBER(7,1)
	The non-timbered area for the mark requiring basic silviculture, that is accessed by ice bridge.		
6	LCL_NETDN_FACT_PCT	NOT NULL	NUMBER(7,4)
	A factor for reducing total area requiring silviculture as a result of logging activities, for areas accessed by ice bridge.		
7	ICE_BRDG_SILV_COST	NOT NULL	NUMBER(11,2)
	The cost in dollars for a particular silviculture treatment regime for the area of the mark accessible by ice bridge.		

Foreign Keys:

AIBSC_AISCS_FK
TIMBER_MARK = APPINT_SILV_SUM.TIMBER_MARK
APP_EFFECTIVE_DATE = APPINT_SILV_SUM.APP_EFFECTIVE_DATE

Indexes:

UI_AP_ISCT
TIMBER_MARK
APP_EFFECTIVE_DATE
TREATMENT_REGIME

Table: APP_INT_SILVICULTURE_BEC

Description:

The Interior Silviculture Cost estimate is determined by pro-rated BEC zone,subzone and variant combinations based on their respective percent by net merchantable area identified in the appraisal data submission.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	BGC_ZONE_CODE	NOT NULL	VARCHAR2(4)
	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.		
* 4	BGC_SUB_ZONE_CODE	NOT NULL	VARCHAR2(3)
	A code used to designate a division of a specific biogeoclimatic Zone; a geographic area with a fairly uniform regional climate and a typical pattern of vegetation and soils. Subzones are not unique. They are only meaningful in conjunction with a Zone.		
* 5	VARIANT	NOT NULL	VARCHAR2(1)
	A one digit number used to denote a division of a specific biogeoclimatic subzone; A geographic area with a more specific regional climate. A variant has a specific pattern of vegetation and soils. Variants are only meaningful within a Zone and Subzone.		
6	AREA_PERCENT	NOT NULL	NUMBER(3)
	A portion of the cutting authority area of the net merchantable area identified in the appraisal data submission.		

Foreign Keys:

AISB_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

AISB_AOC_FK_I
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_LOG_TSP_CST

Description:

The total of truck hauling, water and other transportation costs required to move the logs from the landing to the point of appraisal. Types of costs include : dump, sort, boom and scale; water transportation costs , other transport, and direct entry.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	ROAD_MAINTNCE_IND	NOT NULL	VARCHAR2(1)
	Indicates whether or not road maintenance costs determined within a timber mark.		
4	TRUCK_HAUL_DISTNCE	NOT NULL	NUMBER(5,2)
	Indicates whether or not road maintenance costs will be determined within a timber mark.		
5	BRDG_REPLCMNT_COST	NOT NULL	NUMBER(10)
	The cost to perform major reconstruction of a drainage structure.		
6	RUNNG_SURFACE_COST	NOT NULL	NUMBER(10)
	The cost of major reconstruction or resurfacting of a section of road.		
7	STORM_DAMAGE_COST	NOT NULL	NUMBER(10)
	The cost to repair the damage incurred as a result of severe erosion and flood damage to roads over a short period of time as a result of natural conditions beyond the control of the licencee.		
8	PLANNED_ANNUAL_VOL	NOT NULL	NUMBER(10)
	The anticipated tributary log volume in m3.		
9	RD_LAND_USE_CHG_M3	NOT NULL	NUMBER(5,2)
	The fee per cubic metre to be charged for using lands or roads.		
10	TRNSP_SPEC_OP_DESC	NOT NULL	VARCHAR2(25)
	A description of the specified operation transportation cost. A reason for overriding the transportation log cost versus letting the system calculate it.		
11	TRNSP_SPEC_OP_COST	NOT NULL	NUMBER(5,2)
	A cost estimate directly entered for a specified operation transportation cost.		
12	FIRST_PT_OF_ORGN	NOT NULL	VARCHAR2(4)
	A source point for the water transportation costs. This is a code which refers to the point of origin subtable.		
13	SECND_PT_OF_ORGN	NOT NULL	VARCHAR2(4)
	A source point for the water transportation costs. If a second point of origin is entered the two are averaged. This is a code which refers to the point of origin subtable.		
14	TRUCK_HAUL_COST_M3	NOT NULL	NUMBER(7,4)
	It is a calculated value based on the distance the timber is hauled by a logging truck.		
15	DMP_SRT_BM_CST_M3	NOT NULL	NUMBER(5,2)
	The cost for dump, sort, boom scale and re-load from dryland sorts.		
16	WATER_TRNSP_CST_M3	NOT NULL	NUMBER(5,2)
	Costs for barging or towing from specific points of origin for an appraisal.		
17	WATER_TRANSPORT_CD	NOT NULL	VARCHAR2(1)
	A code describing the type of water transportation used. Allowable values are "BARGE" and "TOWING".		
18	OTHER_TRNSP_CST_M3	NOT NULL	NUMBER(7,4)
	All costs associated with keeping the roads and bridges in operable conditions for use by logging related equipment.		
19	WTR_TRANS_COST_PM3	NOT NULL	NUMBER(5,2)
	Water transportation cost per cubic metre.		
20	RD_LAND_USE_DESC	NOT NULL	VARCHAR2(25)
	A description of a charge incurred by the licensee for log transportation on roads built on private land.		

Foreign Keys:

ALTC_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

Table: APP_LOG_TSP_CST (cont'd)

Indexes:

UI_AP_LTC
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_LWR_RCN_CST

Description:

The cost in dollars to reconstruct a landing or winter road. A landing is a widening of the road used for log drop and pick up by truck.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	RECONSTRCT_COST_ID	NOT NULL	VARCHAR2(10)
	A unique identifier for a landing or winter road in a timber mark to be reconstructed.		
4	RECONSTRCT_TYPE_CD	NOT NULL	VARCHAR2(1)
	A code to qualify the type of reconstruction to be performed. Valid values are 'W' (winter road) and 'L' (landing).		
5	RCONSTRCT_QUANTITY	NOT NULL	NUMBER(5,1)
	The appropriate quantity of reconstruction to be performed. The value stored represents the length of the winter road when RECONSTRUCTION_TYPE_CODE is 'W' and the number of landings when RECONSTRUCTION_TYPE_CODE is 'L'.		
6	RCNSTRCT_APPLC_VOL	NOT NULL	NUMBER(10)
	The anticipated harvested volume for the mark over which the reconstruction cost is to be applied.		
7	RCNSTRCT_APPLC_CST	NOT NULL	NUMBER(9,2)
	The anticipated cost to the mark for the identified reconstruction.		

Foreign Keys:

ALWRC_AIDC_FK
TIMBER_MARK = APPINT_DEV_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APPINT_DEV_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_LWRC
TIMBER_MARK
APP_EFFECTIVE_DATE
RECONSTRCT_COST_ID

Table: APP_MANUFCT_CST

Description:

The cost of manufacturing lumber and chips for a species, from dewatering or loading of logs onto trucks, to the loading of the lumber or chips onto railcars ready for shipment to markets. Costs are derived from a survey of mills within each of the three manufacturing zones in the interior regions.

Columns:

	Seq.	Column	Nulls?	Type
*	3	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	10	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
*	20	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
		A two letter code indicating the tree species in the stand.		
	40	SPP_MANFTR_CST_M3	NOT NULL	NUMBER(5,2)
		The tabulated manufacturing cost for the species. (I.A. manual, p. 83 - 84)		

Foreign Keys:

AMC_AIS_FK
- HDBS_TREE_SPECIES = APPINT_SPECIES.HDBS_TREE_SPECIES
- TIMBER_MARK = APPINT_SPECIES.TIMBER_MARK
- APP_EFFECTIVE_DATE = APPINT_SPECIES.APP_EFFECTIVE_DATE

Indexes:

UI_AP_MC
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- HDBS_TREE_SPECIES

Table: APP_OPRNG_COST

Description:

The Appraisal Operating Cost consists of the appraisal logging cost, silviculture cost, and manufacturing cost at the effective date of the appraisal, and the individual trended costs that were used determine the current stumpage rate.

Columns:

Seq.	Column	Nulls?	Type
* 6	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 7	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
8	TREND_SILVC_CST_M3	NOT NULL	NUMBER(7,4)
	A calculated value derived from the trend factor times the net present value of the silviculture cost.|		
9	TREND_LOGNG_CST_M3	NOT NULL	NUMBER(7,4)
	A calculated value derived from the trend factor times the net present value of the logging cost.|		
10	LOGNG_COST_DE_IND	NOT NULL	VARCHAR2(1)
	A flag to indicate whether the logging costs have been derived by using computer calculated results or directly entered.|		
11	LOGGING_COST_M3	NOT NULL	NUMBER(7,4)
	This may be calculated using the total administration, log transportation, development, and tree to truck costs or directly entered.		
12	SILVIC_DE_IND	NOT NULL	VARCHAR2(1)
	A flag to indicate whether the silviculture cost has been derived by using computer calculated results or directly entered.|		
13	SILVIC_COST_M3	NOT NULL	NUMBER(7,4)
	The cost of establishing a new crop of trees. It may be directly entered or computer calculated.|		
14	NCBR_AREA	NOT NULL	NUMBER(7,1)
	The area of non-commercial brush in a specified timber mark.|		
15	BASIC_SILV_REQ_IND	NOT NULL	VARCHAR2(1)
	An indication of whether or not basic silviculture costs are to be applied to the appraisal logging cost estimate.		
16	TENR_OBLGTN_AJSTMNT_COST	NULL	NUMBER(5,2)
	The final Tenure Obligation Adjustment cost amount. This value is used in the quarterly adjustments calculation.		
17	TENR_OBLGTN_AJSTMNT_MISC_COST	NULL	NUMBER(5,2)
	A miscellaneous operational cost incurred by a licensee that is not already recognised in the Tenure Obligations Adjustment cost estimates.		
18	TENR_OBLGTN_AJSTMNT_MISC_DESC	NULL	VARCHAR2(50)
	A description of the tenr_oblgtn_ajstmnt_misc_cost field.		
19	SPECIFIED_OPRTNS_COST	NULL	NUMBER(5,2)
	The sum of all Specified Operations cost amounts. This value is used in the quarterly adjustment calculation.		
20	SPECIFIED_OPRTNS_MISC_COST	NULL	NUMBER(5,2)
	A specific operational cost incurred by the licensee that is not already defined in the standard Specified Operations cost estimates.		
21	SPECIFIED_OPRTNS_MISC_DESC	NULL	VARCHAR2(50)
	A description of the specified_oprtns_misc_cost field.		

Foreign Keys:

AOC_AW_FK
TIMBER_MARK = APP_WORKSHEET.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_WORKSHEET.APP_EFFECTIVE_DATE

Indexes:

UI_AP_COCT
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_POSTLOG_CST

Description:

Post logging costs are those incurred after logging because of treatments specified in the cutting authority. These may include slashing, tree marking, water bars, or landing rehab. This subtype of logging cost is the total of post logging costs expressed as $per m3.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	POST_LOG_COST_M3	NOT NULL	NUMBER(3,2)
	The total cost incurred after logging for post logging treatments, expressed in $ per m3.		
4	APP_SPP_GROUPCODE	NOT NULL	NUMBER(5)
	A number representing the species group that will be harvested. Valid range: 1 through 5.		
5	APP_SPP_TYPECODE	NOT NULL	NUMBER(5)
	A number representing the species composition that will be harvested. Valid range: 1 through 5.		
6	NMBR_PHERMN_BAIT	NOT NULL	NUMBER(5)
	The number of baits used per hectare in post logging treatment pheromone trapping.		

Foreign Keys:

APLC_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_POCT
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_QRTRLY_PARM

Description:

The weighted average of all appraisal value indexes reestablished at each quarterly adjustment.

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	The method used to determine the appraisal being done. (e.g. 'C ' = Coast, 'I ' = Interior).		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the quarterly adjustment becomes effective.		
3	MEAN_VALUE_INDEX	NOT NULL	NUMBER(5,2)
	It is the benchmark against which individual stands of timber are compared.		
4	MIN_STUMPAGE_RATE	NOT NULL	NUMBER(3,2)
	The minimum amount to be charged for the harvesting of a timber mark.		
5	BASE_RATE_AMOUNT	NOT NULL	NUMBER(5,2)
	It is the starting rate for the stumpage rate calculations. IR = (BR - MVI)		
6	COMPLETED_IND	NOT NULL	VARCHAR2(1)
	A flag indicating whether the quarterly adjustment for the effective period has been completed.		
7	QRTRLY_ADJUST_DATE	NOT NULL	DATE
	The date the quarterly adjustment was completed. (note: not neccessarily the effective date)		
8	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associate quarterly parameter record has been reviewed and approved.		
9	CONFIRM_TRANS_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not confirmation transactions are to be allowed.		
10	AVERAGE_LRF_MAX	NOT NULL	NUMBER(5)
	A constant in the formula used to calculate chip yield derivation. The LRF maximum is the theoretical maximum volume of lumber that may be produced from a cubic metre of logs.		
11	RATE_REDUCTN_RATIO	NOT NULL	NUMBER(3,2)
	The factor applied to that portion of the upset stumpage rate that exceeds the rate reduction trigger.		
12	RATE_REDUCTN_TRIGR	NOT NULL	NUMBER(5,2)
	The maximum stumpage rate beyond which the rate reduction ratio must be applied. The rate reduction ratio is only applied to that portion of the stumpage rate that exceeds the rate reduction trigger.		
13	TARGET_RATE	NOT NULL	NUMBER(5,2)
	The average stumpage rate the Ministry tries to achieve for the quarter.		

Indexes:

UI_AP_QP
- APPRAISAL_MTHD_CD
- EFFECTIVE_DATE

Table: APP_RD_COST_TBL

Columns:

	Seq.	Column	Nulls?	Type
*	1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
		Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
*	2	ROAD_COST_ZONE_CD	NOT NULL	VARCHAR2(3)
*	3	EFFECTIVE_DATE	NOT NULL	DATE
	4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	5	ROAD_COST_PER_KM	NOT NULL	NUMBER(7)

Foreign Keys:

ARCT_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_AP_RDCT
ORG_UNIT_NO
ROAD_COST_ZONE_CD
EFFECTIVE_DATE

Table: APP_REPLACEMENT

Description:

Costs of reconstruction and replacement are defined as replacement or repair of a major drainage structure, or major reconstruction or resurfacing of a section of road.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
*	3	APRR_IDENT	NOT NULL	VARCHAR2(10)
		Unique identifier for a replacement or reconstruction project within a timber mark.		
	4	APRR_PROJ_DESC	NOT NULL	VARCHAR2(20)
		A brief description of the reconstruction or replacement project to be included in the appraisal.		
	5	APRR_APPLC_VOL	NOT NULL	NUMBER(10)
		The total volume of logs that will be transported over the replacement or reconstruction project by this mark.		
	6	APRR_PROJ_COST	NOT NULL	NUMBER(10)
		The estimated total cost of a reconstruction or replacement project.		
	7	CROWN_PERCENTAGE	NOT NULL	NUMBER(5)
		Percentage of the cost to the crown for a development project included in the appraisal.		

Foreign Keys:

AR_ADC_FK
APP_EFFECTIVE_DATE = APP_DEV_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APP_DEV_COST.TIMBER_MARK

Indexes:

UI_AP_RM
TIMBER_MARK
APP_EFFECTIVE_DATE
APRR_IDENT

Table: APP_SB_ROAD

Description:

Identifies roads and road lengths constructed at the licencees' expense for small business timber marks.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.	NOT NULL	VARCHAR2(6)
* 2	APP_EFFECTIVE_DATE The date on which the appraisal becomes effective.	NOT NULL	DATE
* 3	ROAD_ID Unique identifier for a road within a timber mark.	NOT NULL	VARCHAR2(10)
4	ROAD_LENGTH Length of small business road in kilometres.	NOT NULL	NUMBER(5,2)

Foreign Keys:

ASBR_ADC_FK
APP_EFFECTIVE_DATE = APP_DEV_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APP_DEV_COST.TIMBER_MARK

Indexes:

UI_AP_SBRD
TIMBER_MARK
APP_EFFECTIVE_DATE
ROAD_ID

Table: APP_SG_SL_PRC

Description:

For each species of tree within this stand, this entity identifies the grades that exist for the species and the percent of each grade relative to the species.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	A separate and distinctive ID used to identify each contractual timber tenure. A further breakdown of Licence Number and.or Cutting Permit Number as appropriate.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	HDBS_SPP_PRD_GRADE	NOT NULL	VARCHAR2(5)
	A five character code. Two characters stand for the tree species in a volume. Another two characters stand for the product to be made and the last character stands for the quality of the species found within a given volume.		
4	SPECIES_GRADE_PCT	NOT NULL	NUMBER(5)
	The percentage of the grade for the species within the stand.		
5	SPEC_GRD_SELL_PRC	NOT NULL	NUMBER(6,2)
	The selling price of the grade for the species.		

Indexes:

UI_AP_SSP
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- HDBS_SPP_PRD_GRADE

Table: APP_SILVCST_TBL

Description:

Contains the basic silviculture costs associated with a district. Basic silviculture cost estimates are made for all cutting authorities where basic silviculture is required and for the Small Business Forest Enterprise Program.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_DISTRICT	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the silviculture cost becomes effective.		
3	SILVICULTURE_COST	NOT NULL	NUMBER(7,2)
	The cost of the work required to re-establish the harvested forest.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated silviculture cost record has been reviewed and approved.		

Foreign Keys:

SCE_OU_FK
FOREST_DISTRICT = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_AP_SC
FOREST_DISTRICT
EFFECTIVE_DATE

Table: APP_SILV_COST

Description:

This entity contains the basic silviculture costs for each treatment regime associated with a mark. Basic silviculture cost estimates are made for all cutting authorities where basic silviculture is required and for the Small Business Forest Enterprise Program cutting authorities.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	TREATMENT_REGIME	NOT NULL	VARCHAR2(2)
	The grouping for areas requiring similar silviculture treatment.		
* 4	SEQUENCE_NUMBER	NOT NULL	NUMBER(5)
	Sequence number which will be used to preserve order entry and allow for multiple entries for a given treatment regime to be entered on an appraisal worksheet.		
5	MERCHANTABLE_AREA	NOT NULL	NUMBER(7,1)
	The timbered area for the mark requiring basic silviculture treatment.		
6	NC_BRUSH_AREA	NOT NULL	NUMBER(7,1)
	The non-timbered area for the mark requiring basic silviculture.		
7	LCL_NETDN_FACT_PCT	NOT NULL	NUMBER(7,4)
	A factor for reducing total area requiring silviculture as a result of logging activities.		
8	SILVIC_COST_EST	NOT NULL	NUMBER(11,2)
	The cost of basic silviculture required to re-establish the harvested forest, for a particular treatment regime, expressed in dollars.		
9	VOLUME_REMOVAL_FCT	NOT NULL	NUMBER(5)
	A factor applied to the silviculture cost estimate to reflect the volume of timber removed from the treament regime being selectively logged.		

Foreign Keys:

ABSC_AISCS_FK
- TIMBER_MARK = APPINT_SILV_SUM.TIMBER_MARK
- APP_EFFECTIVE_DATE = APPINT_SILV_SUM.APP_EFFECTIVE_DATE

Indexes:

UI_AP_SLCT
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- TREATMENT_REGIME
- SEQUENCE_NUMBER

Table: APP_SPCLTRN_CST

Description:

This cost is for special log transportation situations not covered by the regular log transportation categories. This cost will apply to one transportation system (e.g. Summer or Winter log transporation).

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
*	3	COST_TYPE_CD	NOT NULL	VARCHAR2(1)
		Identifies the type of transportation system for which costs are being recorded. Current values are: S (summer transportation costs), W (winter transportation costs) and A (non season specific transportation costs).		
*	4	SPCL_TRNSP_TYPE_CD	NOT NULL	VARCHAR2(3)
		A code representing tranportation not otherwise covered. (I.A. Manual, p. 71 - 73)		
	5	SPCL_TRNSP_LOCN	NOT NULL	VARCHAR2(25)
		A description of the location of the specified operation transportation cost. This identifies the reason for directly entering the transportation log cost versus letting the system calculate it.		
	6	SPCL_TRNSP_COST_M3	NOT NULL	NUMBER(5,2)
		The cost in $ per m3 associated with a special transport situation.		
	7	SPCLTRN_APPLC_VOL	NOT NULL	NUMBER(10)
		Total volume of logs that will be hauled using the special transportation method indicated.		

Foreign Keys:

ASTC_AILTC_FK
- COST_TYPE_CD = APPINT_LGTR_CST.COST_TYPE_CD
- APP_EFFECTIVE_DATE = APPINT_LGTR_CST.APP_EFFECTIVE_DATE
- TIMBER_MARK = APPINT_LGTR_CST.TIMBER_MARK

Indexes:

UI_AP_SPCT
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- COST_TYPE_CD
- SPCL_TRNSP_TYPE_CD

Table: APP_SPECIES

Description:

This entity identifies each species within the stand for the appraisal. For each species the volume, selling price/m3, and the species stumpage rate is identified. The estimated selling price is based upon market value schedules.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	A two letter code indicating the tree species in the stand.		
4	SPP_SELL_PRIC_ZONE	NOT NULL	NUMBER(5)
	The lumber selling price zone that is applicable for this species.		
5	SPECIES_VOLUME	NOT NULL	NUMBER(10)
	Total volume of a species found within the total cruise volume.		
6	SPP_SELL_PRICE_M3	NOT NULL	NUMBER(7,4)
	This is the selling price per m3 for each species in the stand. Species selling price is a weighted average based upon grade percentages and market value schedules.		
7	SPECIES_PCT_DECAY	NOT NULL	NUMBER(5)
	Percent decay for all grades of a species.		
8	SPP_COMPETITIV_IND	NOT NULL	VARCHAR2(1)
	Indicates whether or not bonuses and levies are to be applied to the appraisal.		

Foreign Keys:

AS1_AW_FK
TIMBER_MARK = APP_WORKSHEET.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_WORKSHEET.APP_EFFECTIVE_DATE

Indexes:

UI_AP_SP
TIMBER_MARK
APP_EFFECTIVE_DATE
HDBS_TREE_SPECIES

Table: APP_SPECIES_DAMAGE_VOLUME

Description:

This entity contains insect damage information specific to each appraisal. Details include species, insect damage type, damage code, and volume.

Columns:

Seq.	Column	Nulls?	Type
* 1	SPECIES_DAMAGE_VOLUME_ID A unique identifier for the damage volume.	NOT NULL	NUMBER(12)
2	TIMBER_MARK Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.	NOT NULL	VARCHAR2(6)
3	APP_EFFECTIVE_DATE The date on which the appraisal becomes effective.	NOT NULL	DATE
4	ADS_SPECIES_DAMAGE_CATGRY_CODE The damage code used to describe the stage of attack associated with each species and volume identified in this table. These include: GA, RA, YA, DP and G.	NULL	VARCHAR2(2)
5	HDBS_TREE_SPECIES Identifies the tree species associated with the insect damage.	NULL	VARCHAR2(2)
6	ADS_INSECT_SPECIES_CODE The code used to describe the type of insect damage associated with each species and volume identified in this table. these include: MPB and UNK.	NOT NULL	VARCHAR2(3)
7	VOLUME The species volume (by insect category and damage code), identified for this cutting authority.	NOT NULL	NUMBER(7)

Foreign Keys:

ASDV_AW_FK
TIMBER_MARK = APP_WORKSHEET.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_WORKSHEET.APP_EFFECTIVE_DATE

Table: APP_SPECSIL_CST

Description:

The costs associated with specific silviculture operations that have the same cost throughout the interior, eg. Mistletoe control and root disease control.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
	3	MISTLETOE_AREA	NOT NULL	NUMBER(7,1)
		The area requiring mistletoe control.		
	4	MISTLETOE_COST	NOT NULL	NUMBER(11,2)
		The total cost estimate in dollars for mistletoe treatment for the mark.		
	5	ROOT_DIS_CTL_COST	NOT NULL	NUMBER(10)
		The total cost estimate for root disease control, currently entered as an engineered cost (ie total dollars for the mark).		

Foreign Keys:

ASSC_AISCS_FK
TIMBER_MARK = APPINT_SILV_SUM.TIMBER_MARK
APP_EFFECTIVE_DATE = APPINT_SILV_SUM.APP_EFFECTIVE_DATE

Indexes:

UI_AP_SPSCT
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_SPP_SP_PROD

Description:

Provision for special fixed stumpage rates for authorized special species product grade combinations.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	HDBS_SPP_PRD_GRADE	NOT NULL	VARCHAR2(5)
	A five character code. The first two characters stand for the tree species. The next two characters stand for the product to be made and the last character stands for the quality or grade of the species.		
4	BONUS_BID_AMOUNT	NOT NULL	NUMBER(5,2)
	A premium amount bid in competition to harvest timber.		
5	RESERVE_STUMPG_RT	NOT NULL	NUMBER(5,2)
	For each cutting authority, this rate is the greater of the Indicated Stumpage Rate (for the interior subtract 1/2 the amount over $14 per m3) or the prescribed Minimum Stumpage Rate.		
6	DEVELOPMENT_LEVY	NOT NULL	NUMBER(5,2)
	This levy, in $ per m3, is equal to the cost estimate of road construction and other services provided by the Crown. It may be added to the reserve stumpage rate in calculation of the the upset stumpage rate.		
7	BASIC_SILV_LEVY	NOT NULL	NUMBER(5,2)
	This levy, in $ per m3, is equal to the basic silviculture cost estimate made for every cutting authority. It may be added to the reserve stumpage rate in calculation of the upset stumpage rate.		
8	VOLUME	NOT NULL	NUMBER(10)
	Special products volume in m3 of a given species product grade combination.		

Foreign Keys:

ASSP_AW_FK
TIMBER_MARK = APP_WORKSHEET.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_WORKSHEET.APP_EFFECTIVE_DATE

Indexes:

UI_AP_SPPR
TIMBER_MARK
APP_EFFECTIVE_DATE
HDBS_SPP_PRD_GRADE

Table: APP_STMPG_RATE

Description:

The Stumpage Rate for the mark being appraised. A bonus bid may be added to some species. Amount for stumpage rates are expressed in dollars per cubic metre.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	STMPG_RTE_EFCTV_DT	NOT NULL	DATE
	The date on which the stumpage rate becomes effective.		
4	SILVICULTURE_LEVY	NOT NULL	NUMBER(5,2)
	The portion of the additional cost incurred by the crown for silviculture which is passed on to the licencee.		
5	DEVELOPMENT_LEVY	NOT NULL	NUMBER(5,2)
	The portion of the additional cost incurred by the crown for road development which is passed on to the licencee.		
6	BONUS_BID_AMOUNT	NOT NULL	NUMBER(5,2)
	The premium amount bid in competition to harvest the timber.		
7	TOT_STUMPAGE_RATE	NOT NULL	NUMBER(5,2)
	The rate to be paid for each m3 of logs scaled from the timber mark. It is calculated using the Bonus Bid Amount + Development Levy Amount + Silviculture Levy Amount + Reserve Stumpage Rate.		
8	STMPG_RATE_DE_IND	NOT NULL	VARCHAR2(1)
	A flag indicating whether the stumpage rate is calculated ('N') or directly entered as a fixed ('Y') rate.		
9	APPR_BONUS_APLY_CD	NOT NULL	VARCHAR2(1)
	A code which determines if bonuses and levies are to be applied to the appraisal.		
10	STND_SELL_PRICE_M3	NOT NULL	NUMBER(5,2)
	The weighted selling price of all species per cubic metre.		
11	SILV_LEVY_DE_IND	NOT NULL	VARCHAR2(1)
	An indicator to show whether the silviculture levy has been derived using a computer calculated result or directly entered bypassing automated calculations.		
12	DEV_LEVY_DE_IND	NOT NULL	VARCHAR2(1)
	An indicator to show whether the development levy has been derived using a computer calculated result or directly entered by passing automated calculations.		
13	MP_RATE_DE_IND	NOT NULL	VARCHAR2(1)
	A flag indicating whether the market price rate is calculated ('N') or directly entered ('Y').		
14	CALC_RATE_DIFFRNTL	NOT NULL	NUMBER(5,2)
	Difference between the reduced CVP rate (effective Jan. 1, 1999) and what the CVP rate would have been if MPS had been used to calculate the rate.		

Foreign Keys:

ASR_AW_FK
TIMBER_MARK = APP_WORKSHEET.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_WORKSHEET.APP_EFFECTIVE_DATE

Indexes:

UI_AP_SPRT
TIMBER_MARK
APP_EFFECTIVE_DATE
STMPG_RTE_EFCTV_DT

Table: APP_TAB_RD_DTL

Description:

The Appraisal Tabulated Road Cost Detail is the road information to determine an estimate of the cost of a section of road using road cost tables.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
*	3	ROAD_ID	NOT NULL	VARCHAR2(10)
		Unique identifier for a road within a timber mark.		
*	4	SECTION_NUMBER	NOT NULL	NUMBER(5)
		Number of a section of a tabulated road within a road identity.		
	5	SECTION_LENGTH	NOT NULL	NUMBER(7,3)
		Length of a section of a tabulated road (as identified by the section number) in kilometres within a road.		
	6	SG_UP_SD_SLOPE_PCT	NOT NULL	NUMBER(3,2)
		The subgrade uphill side slope percentage for a section of road as identified by the road section number.		
	7	CONSTRUCT_CAT_CODE	NOT NULL	VARCHAR2(1)
		The code is based on the percentage of rock found in the identified road section. Values 1 thru 6 are valid.		
	8	ROCK_MASS_CLASS_CD	NOT NULL	VARCHAR2(1)
		The code is a rock hardness indicator for the subgrade. Valid values are 'H' (Hard) and'S' (Soft).		
	9	QUARY_TRUCK_DSTNCE	NOT NULL	NUMBER(5,2)
		The distance in kilometres from the source of the quarry material to the section midpoint.		
	10	QUARY_MATRL_TYP_CD	NOT NULL	VARCHAR2(1)
		The type of stabilizing material to be used. Valid values are 'G' = Gravel and 'R' = Rock.		
	11	QUARY_RK_MASS_CLAS	NOT NULL	VARCHAR2(1)
		The quarry rock type identifier. Valid values are 'H' or 'S'.		
	12	CAPNG_TRUCK_DSTNCE	NOT NULL	NUMBER(5,2)
		The distance in kilometres from the source of the capping material to the section midpoint.		
	13	CAPNG_MATRL_TYP_CD	NOT NULL	VARCHAR2(1)
		The type of capping material used. Valid values are 'G' = gravel or 'R' = rock.		
	14	CAPNG_RK_MASS_CLAS	NOT NULL	VARCHAR2(1)
		The rock hardness indicator. Valid values are 'H' and 'S'.		
	15	ROLLOVER_PCT	NOT NULL	NUMBER(5)
		A percentage of the costs (for an identified road section number) to be included in the current appraisal.		
	20	BANK_HGHT_CAT_CD	NULL	VARCHAR2(4)

Foreign Keys:

TRD_TRS_FK
- TIMBER_MARK = APP_TAB_RD_SUM.TIMBER_MARK
- APP_EFFECTIVE_DATE = APP_TAB_RD_SUM.APP_EFFECTIVE_DATE
- ROAD_ID = APP_TAB_RD_SUM.ROAD_ID

Indexes:

I1$_APP_TAB_RD_DTL
- APP_EFFECTIVE_DATE
- TIMBER_MARK
- SECTION_NUMBER
- ROAD_ID

UI_AP_TRD
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- ROAD_ID
- SECTION_NUMBER

Table: APP_TAB_RD_SUM

Description:

This table contains derived summary information based on road id for each tabulated road.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	ROAD_ID	NOT NULL	VARCHAR2(10)
	Unique identifier for a road within a timber mark.		
4	ROAD_LENGTH	NOT NULL	NUMBER(7,3)
	Length of engineered road in kilometres.		
5	TABULTD_ROAD_COST	NOT NULL	NUMBER(11,2)
	The average cost of a tabulated road development per kilometre.		
6	ROAD_COST_PER_M3	NOT NULL	NUMBER(8,2)
	Cost to develop identified tabulated roads per cubic metre.		
7	NUMBER_OF_SECTIONS	NOT NULL	NUMBER(5)
	Number of sections in a tabulated road.		
8	APPLICABLE_VOLUME	NOT NULL	NUMBER(10)
	The apportioned volume of timber transported over a bridge, culvert or road.		

Foreign Keys:

TRS_ADC_FK
TIMBER_MARK = APP_DEV_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_DEV_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_TRS
TIMBER_MARK
APP_EFFECTIVE_DATE
ROAD_ID

Table: APP_TB_CLVT_CST

Description:

The identifiers and cost for each culvert type and diameter or abutment type that is developed for the mark. Round pipe culvert costs are summed by diameter and number; log and puncheon culvert costs are summed by abutment type and number.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	CULVERT_TYPE_CODE	NOT NULL	VARCHAR2(1)
	A code signifying the construction material of the tabulated drainage structure. Valid values are 'C' (circular pipe) and 'L' (log puncheon).		
* 4	CIRC_PIPE_DIAMETR	NOT NULL	NUMBER(3,1)
	Diameter of a metal circular pipe culvert in metres.		
* 5	CIRC_PIPE_LENGTH	NOT NULL	NUMBER(5)
	The length in metres of the circular culvert to be installed.		
* 6	ABUTMENT_TYPE_CODE	NOT NULL	VARCHAR2(1)
	A code signifying the type of abutment for a wood drainage structure. Valid values are 'D' (double) and 'T' (triple).		
7	TAB_CULVERT_QTY	NOT NULL	NUMBER(5)
	The number of culverts of a particular construction material.		
8	TAB_CLVRT_INST_CST	NOT NULL	NUMBER(10)
	The cost of a type and size of culvert from the TABULATED CULVERT COST ESTIMATE TABLE (I.A. manual, p. 42), multiplied by the number of culverts of this type and size.		

Foreign Keys:

ATCCE_AIDC_FK
TIMBER_MARK = APPINT_DEV_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APPINT_DEV_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_TCC
TIMBER_MARK
APP_EFFECTIVE_DATE
CULVERT_TYPE_CODE
CIRC_PIPE_DIAMETR
CIRC_PIPE_LENGTH
ABUTMENT_TYPE_CODE

Table: APP_TRNSP_DIST

Description:

The transportation distance between point of origin and point of appraisal by a specified transport method for a given date.

Columns:

Seq.	Column	Nulls?	Type
* 1	PT_OF_APPRAISAL_ST	NOT NULL	VARCHAR2(4)
	A code representing the geographic location where the appraised cost estimating ends. This code is a subtable of the BC Location Code in code list.		
* 2	PT_OF_ORIGIN_ST	NOT NULL	VARCHAR2(4)
	The code representing geographic locations where logs are off loaded from trucks for water transportation. This code is a subtable of the BC Location Code in code list.		
* 3	APP_TRNSP_TYPE_ST	NOT NULL	VARCHAR2(1)
	A code representing the type of transportation applicable to the distance.		
* 4	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the transport distance becomes effective.		
5	DISTANCE_KM	NOT NULL	NUMBER(5)
	The distance in kilometers between point of origin and point of appraisal.		
6	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated distance record has been reviewed and approved.		

Indexes:

UI_AP_TSDT
- PT_OF_APPRAISAL_ST
- PT_OF_ORIGIN_ST
- APP_TRNSP_TYPE_ST
- EFFECTIVE_DATE

Table: APP_TTT_COST

Description:

The estimates of costs for items to harvest a tree and load it onto a logging truck, ready for transport to a point of origin, for this appraisal.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
*	2	APP_EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the appraisal becomes effective.		
	3	STAND_DEFECT_PCT	NOT NULL	NUMBER(5)
		Percentage of logs estimated to be unrecovered due to natural decay, waste and breakage.		
	4	SPECFIED_OPRN_DESC	NOT NULL	VARCHAR2(25)
		A description of the specified operation tree to truck costs.		
	5	SPECFIED_OPRN_RATE	NOT NULL	NUMBER(5,2)
		A cost estimate directly entered for the tree to truck cost.		
	6	HELI_WATER_CRZ_VOL	NOT NULL	NUMBER(10)
		The volume for helicopter operations to be dropped in the water.		
	7	HELI_LAND_CRZ_VOL	NOT NULL	NUMBER(10)
		The volume for helicopter operations to be dropped on land.		
	8	CRUISE_LOG_VOLUME	NOT NULL	NUMBER(3,2)
		Net cruise log volume for the cutting authority being appraised. Values are expressed in cubic meters.		
	9	SCALE_LOG_VOLUME	NOT NULL	NUMBER(3,2)
		Net cruise log volume for the cutting authority being appraised based on scale records recorded per m3.		
	10	COMPUTED_LOG_VOL	NOT NULL	NUMBER(3,2)
		Net average log volume for the cutting authority being appraised. Recorded as a cubic metre value.		
	11	AVERAGE_SIDE_SLOPE	NOT NULL	NUMBER(5)
		The unweighted average of the maximum side slopes of all cruise plots situated within the cutting authority.		
	12	SCND_GROWTH_IND	NOT NULL	VARCHAR2(1)
		An indication as to whether or not the stand is second growth.		
	13	TTT_HELI_COST	NOT NULL	NUMBER(7,4)
		Calculated cost per cubic metre for logs utilizing helicopter tree to truck methods.		
	14	TTT_CONVENTNL_COST	NOT NULL	NUMBER(7,4)
		Calculated cost per cubic metre for logs utilizing conventional tree to truck methods.		
	15	HELI_FLIGHT_DIST	NOT NULL	NUMBER(5,1)
		Average one-way flight distance for helicopter logging.		
	16	HEMLOCK_BALSAM_PCT	NOT NULL	NUMBER(5)
		Percentage of hemlock and balsam being logged by helicopter.		
	17	BLOWDOWN_PCT	NOT NULL	NUMBER(5)
		The percent of net volume that is not standing due to natural causes within the area to be selectively logged.		
	18	VOLUME_PER_TREE_M3	NULL	NUMBER(6,2)
		Average net merchantable volume per tree for specified (ALL, for this case) logging methods.		
	19	HELI_PARTIAL_CUT_VOLUME	NULL	NUMBER(7)
		Total tree-to-truck volume (m3) for logs harvested by helicopter partial cut method.		
	20	VOL_PER_HECTARE_M3	NULL	NUMBER(9,2)
		Average net merchantable volume per hectare of the area not harvested by the helicopter selection logging method.		

Foreign Keys:

ATTTC_AOC_FK
TIMBER_MARK = APP_OPRNG_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_OPRNG_COST.APP_EFFECTIVE_DATE

Indexes:

UI_APTCT
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_TTT_OTH_CST

Description:

The costs for other system harvesting for the tree to truck phase, expressed in dollars per M3 (other cost volume/mark volume * base table cost per M3).

Columns:

Seq.	Column	Nulls?	Type
* 6	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 7	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 8	TTT_OTHR_COST_CODE	NOT NULL	VARCHAR2(3)
	A code to uniquely identify the tree to truck phase 'other' cost.		
9	TTT_OTHR_COST_VOL	NOT NULL	NUMBER(10)
	The volume of trees utilizing the idicated 'other' cost method.		
10	TTT_OTHR_COST_COST	NOT NULL	NUMBER(11,2)
	The cost for the associated volume of trees to utiize the indicated 'other' tree to truck system.		
11	YARD_DISTANCE_KM	NOT NULL	NUMBER(4,1)
	Total loaded helicopter yarding distance measured to the nearest 0.1 kilometer.		
12	INTERIOR_BGC_ST	NOT NULL	VARCHAR2(4)
	The most predominant Biogeoclimatic Zone of the area to be logged. Subset of BGC_ZONE code.		
13	AVG_SIDE_SLOPE_PCT	NOT NULL	NUMBER(5)
	The percentage of the maximum side slopes for the logging method.		
14	VOLUME_PER_TREE_M3	NOT NULL	NUMBER(3,2)
	Average net merchantable volume per tree for a specific logging method.		
15	BLOWDOWN_PERCENT	NOT NULL	NUMBER(5)
	The percentage of net volume that is not standing due to natural causes. This percentage will be harvested by a specified harvest method.		
16	HARVEST_PCT	NOT NULL	NUMBER(5)
	The percentage of the stand volume to be harvested by a specified harvest method.		
17	UPHILL_YARDING_IND	NOT NULL	VARCHAR2(240)
	Indicates if yarding is uphill or not (Yes/No). Default is N.		
18	STAND_DEFECT_PCT	NULL	NUMBER(5)
	Percentage of logs estimated to be unrecovered due to natural decay, waste and breakage.		

Foreign Keys:

ATTTOC_AITTTC_FK
APP_EFFECTIVE_DATE = APPINT_TTT_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APPINT_TTT_COST.TIMBER_MARK

Indexes:

UI_AP_TOC
TIMBER_MARK
APP_EFFECTIVE_DATE
TTT_OTHR_COST_CODE

Table: APP_TTT_RCST_TB

Description:

The additional cost of remote operations that may be incurred to harvest a tree and load it onto a logging truck, ready for transport to a point of origin.

Columns:

	Seq.	Column	Nulls?	Type
*	1	REMOTENESS_IND A flag to inidicate that this a remote operation.	NOT NULL	VARCHAR2(1)
*	2	EFFECTIVE_DATE The date on which the remote costs become effective.	NOT NULL	DATE
	3	REMOTE_COST_M3 The cost of remote operations per cubic metre.	NOT NULL	NUMBER(5,2)
	4	COMMITTED_IND An indication as to whether or not the associated tree to truck remote cost record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Indexes:

UI_AP_TR
REMOTENESS_IND
EFFECTIVE_DATE

Table: APP_WEIGHT_VOL

Description:

When the appraised Net Cruise Volume for a Timber Mark differs from the volume needed for weighting the mark's value index in the Mean Value Index calculation, an alternative weighting volume is applied. This situation is an exception. For most marks, the net cruise volume is used for weighting and no alternative weighting volume is required.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	WEIGHTING_VOL_M3	NOT NULL	NUMBER(11,4)
	Weighting volume used to prorate the appraisal's value index in Mean Value Index Calculations.		

Foreign Keys:

AWV_AW_FK
TIMBER_MARK = APP_WORKSHEET.TIMBER_MARK
APP_EFFECTIVE_DATE = APP_WORKSHEET.APP_EFFECTIVE_DATE

Indexes:

UI_AP_WHCO
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_WORKSHEET

Description:

An Appraisal Worksheet is a conceptual collection of information required to process an appraisal and the results of the appraisal.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
3	EXPIRY_DATE	NOT NULL	DATE
	The date on which the worksheet becomes ineffective or outdated.		
4	RECVD_BY_DIST_DATE	NOT NULL	DATE
	The date on which the appraisal was received by the district from the licencee.		
5	SENT_TO_REGION_DT	NOT NULL	DATE
	The date on which the appraisal was sent from the district to the region.		
6	ORIGINAL_EXPIRY_DT	NOT NULL	DATE
	The date on which the original appraisal was to expire at the time of confirmation.		
7	TTL_MERCHNTBL_AREA	NOT NULL	NUMBER(7,1)
	The total area designated for timber harvesting within a timber mark.		
8	SPECIFD_OPERTN_IND	NOT NULL	VARCHAR2(1)
	An indicator that allows the entry of additional cost information on subsequent screens.		
9	ACCESSIBILITY_CODE	NOT NULL	VARCHAR2(1)
	A code indicating whether the mark is accessible or not. Valid values are A = Accessible and N = Non-accessible.		
10	REMOTENESS_IND	NOT NULL	VARCHAR2(1)
	A flag to indicate that this is a remote operation.		
11	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	A code indicating the method of calculating the stumpage rates for the appraisal. Valid values are 'C' = Coast and 'I' = Interior.		
12	SBFEP_INDICATOR	NOT NULL	VARCHAR2(1)
	An indication as to whether or not a particular timber mark is in the Small Business Forest Enterprise Program.		
13	MVI_ELIGIBLE_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether the appraisal is to be used to calculate the new Mean Value Index (MVI) rates for the quarterly adjustment.		
14	ADJUST_QRTERLY_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not a quarterly adjustment needs to be performed on the timber mark.		
15	PT_OF_APPRAISAL_ST	NOT NULL	VARCHAR2(4)
	The geographic destination to which the appraised cost estimate applies signified by a letter code.		
16	OTHERS_TIED_TO_CD	NOT NULL	VARCHAR2(2)
	A code used to determine the price of the species harvested when they are different than the species included in the selling price estimate.		
17	NET_CRUISE_VOLUME	NOT NULL	NUMBER(11,4)
	The Net Cruise Volume of timber is the Gross Volume less Decay, Waste, and Breakage for this appraisal.		
18	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time when the worksheet was created.		
19	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The userid of the person who created the worksheet.		
20	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the worksheet was last updated.|		
21	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	The userid of the person who last updated the worksheet.		
22	CONFIRMED_TIMESTMP	NOT NULL	DATE
	The date and time that the worksheet was confirmed.|		
23	CONFIRMED_USERID	NOT NULL	VARCHAR2(8)
	The userid of the person who confirmed the worksheet.		

Table: APP_WORKSHEET (cont'd)

Columns:

Seq.	Column	Nulls?	Type
24	APPRAISAL_STS_ST	NOT NULL	VARCHAR2(3)
	A code that shows the current status of the appraisal (eg. CON = Confirmed).		
25	INT_DECIDUOUS_VOL	NOT NULL	NUMBER(10)
	The Interior Deciduous Volume is representative of the volume of deciduous timber harvested from a Timber Mark. Any timber accounted as Deciduous volume is mutually exclusive from any timber accounted as part of the Net Cruise Volume.		
26	ORIG_CONFIRMED_TS	NOT NULL	DATE
	The date and time that the worksheet was originally confirmed.		
27	ORIG_CONFRM_USERID	NOT NULL	VARCHAR2(8)
	The userid of the person who made the original confirmation.		
28	RATE_CALC_MTHD_CD	NOT NULL	VARCHAR2(3)
	Identifies the calculation method used to establish stumpage rates.		
29	DISCOUNT_PCT	NOT NULL	NUMBER(5)
	The discount percentage that applies to the stumpage rate for a given timber sale.		
30	CALC_NMBR_BIDDERS	NOT NULL	NUMBER(5,1)
	The calculated number of bidders based on trends that are predicted to bid on the sale.		
31	TOTL_OBLG_ADJ_IND	NOT NULL	VARCHAR2(1)
	An indicator as to whether or not Total Obligation Adjustment applies to this Timber Mark.		
32	SALVAGE_RATE_IND	NOT NULL	VARCHAR2(1)
	Indicates salvage rates will be applied in the appraisal.		
33	COMPAR_CRUISE_IND	NOT NULL	VARCHAR2(1)
	Indicates whether this appraisal is based on comparative cruise data or not.		
34	MAJOR_CENTER_DIST	NOT NULL	NUMBER(10)
35	CRUISE_GRADES_IND	NOT NULL	VARCHAR2(1)
36	POINT_OF_APPRAISAL_DISTANCE	NULL	NUMBER(4)
	Distance to Point-of-Appraisal.		
37	DECKED_VOLUME	NULL	NUMBER(7)
	Volume of the timber sale that has been felled and decked		
38	APPRAISAL_REFERENCE_TYPE_CODE	NULL	VARCHAR2(3)
	The primary key for a code used to identify the purpose of an appraisal (e.g. RP which would stand for Road Permit).		
39	NET_AREA_REFORESTED	NULL	NUMBER(7,1)
	The total net area within the cutting authority area designated for basic silviculture.		

Foreign Keys:

APPRAISAL_REFERENCE_TYPE_CODE
APPRAISAL_REFERENCE_TYPE_CODE = APPRAISAL_REFERENCE_TYPE_CODE.APPRAISAL_REFERENCE_TYPE_CODE

AW_TM_FK
TIMBER_MARK = TIMBER_MARK.TIMBER_MARK

Indexes:

IN_APP_WH
APPRAISAL_MTHD_CD

UI_AP_WH
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: APP_WTR_CST_TBL

Description:

The cost estimate for water transportation rate for an appraisal. Average cost estimates (both barging and towing) from specific points of origin.

Columns:

Seq.	Column	Nulls?	Type
* 1	PT_OF_APPRAISAL_ST	NOT NULL	VARCHAR2(4)
	A code representing the geographic location where the appraised cost estimating ends. This code is a subtable of the BC Location Code in code list.		
* 2	PT_OF_ORIGIN_ST	NOT NULL	VARCHAR2(4)
	The code representing geographic locations where logs are off loaded from trucks for water transportation. This code is a subtable of the BC Location Code in code list.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the water transportation cost becomes effective.		
4	WATER_TRANSPORT_CD	NOT NULL	VARCHAR2(1)
	A code representing the type of water transportation used. Valid values are 'B' (Barge) and 'T' (Towing).		
5	WATER_TRNSP_CST_M3	NOT NULL	NUMBER(5,2)
	Costs per cubic metre for both barging and towing from specific points of origin for an appraisal.		
6	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated water transportation cost record has been reviewed and approved.		

Indexes:

UI_AP_WTCT
- PT_OF_APPRAISAL_ST
- PT_OF_ORIGIN_ST
- EFFECTIVE_DATE

Table: APR_CYC_TME_DTL

Description:

This entity represents the detail of the log transport cycle time when the summary information contained in the log transport entity is not sufficient. These details apply to one log transportation system (eg. Summer or Winter log transportation).

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	COST_TYPE_CD	NOT NULL	VARCHAR2(1)
	Identifies the type of transportation system for which costs are being recorded. Current values are: S (summer transportation costs), W (winter transportation costs) and A (non season specific transportation costs).		
* 4	HAUL_ROAD_ID	NOT NULL	VARCHAR2(10)
	A unique identifier for the road or section of road over which the cycle time details applies.		
5	HAUL_TYPE_CODE	NOT NULL	VARCHAR2(1)
	A code signifying the type of haul performed over the identified road. Valid values are P - Primary (haul between the initial load point and the first unload point) and S - Secondary (haul between the reload point and the next point of unloading).		
6	HAUL_ROAD_TYPE_ST	NOT NULL	VARCHAR2(1)
	Identifies the type of road on which hauling will occur. Current values are M - Main (roads used to haul the entire timber mark volume) and J - Junction (roads used to haul a proportion of the timber marks volume). This is a subset of ROAD_TYPE_CODE.		
7	HAULED_VOLUME	NOT NULL	NUMBER(8,1)
	The portion of the total timber mark volume to be hauled on this road segment.		
8	CYCLE_HAUL_DIST	NOT NULL	NUMBER(5,1)
	The distance over which the haul applies.		
9	SPEED_LOADED_KM_HR	NOT NULL	NUMBER(5)
	The anticipated average speed that the vehicle will travel over the haul distance when loaded.		
10	SPEED_EMPTY_KM_HR	NOT NULL	NUMBER(5)
	The anticipated average speed that the vehicle will travel over the haul distance while empty.		
11	TRAVEL_TIME_LOADED	NOT NULL	NUMBER(5)
	The anticipated total number of travel minutes that the vehicle is going to be on the identified road while loaded.		
12	TRAVEL_TIME_EMPTY	NOT NULL	NUMBER(5)
	The anticipated total number of travel minutes that the vehicle is going to be on the identified road while empty.		

Foreign Keys:

ACTD_AILTC_FK
- COST_TYPE_CD = APPINT_LGTR_CST.COST_TYPE_CD
- APP_EFFECTIVE_DATE = APPINT_LGTR_CST.APP_EFFECTIVE_DATE
- TIMBER_MARK = APPINT_LGTR_CST.TIMBER_MARK

Indexes:

UI_APR_CYTM
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- COST_TYPE_CD
- HAUL_ROAD_ID

Table: APR_PSTLG_C_DTL

Description:

The cost in $/m3 of individual post logging treatments.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	POST_LOG_TRTMT_CD	NOT NULL	VARCHAR2(2)
	The code for a treatment specified for the mark.		
4	PST_LOG_TRT_CST_M3	NOT NULL	NUMBER(3,2)
	The cost incurred after logging for this type of post logging treatment, expressed in $ per m3. (I.A. manual, p. 80)		
* 5	SILV_SYSTEM_CODE	NOT NULL	VARCHAR2(7)
	The code signifying the silviculture system that the post logging treatment code is to be applied to. (Ex. 'B' for Basic silviculture).		

Foreign Keys:

APLCD_APLC_FK
APP_EFFECTIVE_DATE = APP_POSTLOG_CST.APP_EFFECTIVE_DATE
TIMBER_MARK = APP_POSTLOG_CST.TIMBER_MARK

Indexes:

UI_APR_PSCD
TIMBER_MARK
APP_EFFECTIVE_DATE
POST_LOG_TRTMT_CD
SILV_SYSTEM_CODE

Table: AP_CTLGDFNC_CST

Description:

The number of cattle guards and 100-metre sections of fence (either wing fence or remedial) for the mark, andtheir associated costs as derived from the cattle guard and fence cost table.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.	NOT NULL	VARCHAR2(6)
* 2	APP_EFFECTIVE_DATE The date on which the appraisal becomes effective.	NOT NULL	DATE
3	NMBR_CATTLE_GUARDS The number of cattle guards for the mark.	NOT NULL	NUMBER(5)
4	CTL_GD_TOTAL_COST The dollar cost of all cattle guards for the mark.	NOT NULL	NUMBER(10)
5	NUMBER_OF_FENCES The number of 100 metre lengths (wing and/or remedial fence) for the mark.	NOT NULL	NUMBER(5)
6	FENCE_TOTAL_COST The dollar cost of all fencing (wing and/or remedial) for the mark.	NOT NULL	NUMBER(10)
7	NO_PIPE_CROSSINGS Number of appraised single pipeline crossings per mark.	NOT NULL	NUMBER(5)
8	PIPE_CROSS_TTL_CST Total cost of pipeline crossings per mark	NOT NULL	NUMBER(10)
9	NUMBER_MULTIPLE_PIPE_CROSSINGS Number of appraised multiple pipeline crossings	NULL	NUMBER(5)

Foreign Keys:

ACGFC_AIDC_FK
TIMBER_MARK = APPINT_DEV_COST.TIMBER_MARK
APP_EFFECTIVE_DATE = APPINT_DEV_COST.APP_EFFECTIVE_DATE

Indexes:

UI_AP_CT
TIMBER_MARK
APP_EFFECTIVE_DATE

Table: AP_SPP_LGSL_FCT

Description:

The Low Grade Sawlog factors and Rate for each Species Product Grade Combination which are applied within the MVI Calculation and Base Rate Processes respectively.

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	A one character code representing the appraisal method that this company entry applies to. Valid values are 'I' (Interior) and 'C' (Coast).		
* 2	HDBS_SPP_PRD_GRADE	NOT NULL	VARCHAR2(5)
	A five character code. Two characters stand for the tree species in a volume. Another two characters stand for the product to be made and the last character stands for the quality of the species found within a given volume.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated species low grade sawlog factor entry becomes effective. Please note that, for all intents and puropses, this date should correspond to a stumpage rate effective date.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated low grade saw log factor entry has been reviewed and approved.		
5	LOGRADE_SAWLOG_FCR	NOT NULL	NUMBER(3,2)
	The factor applicable for low grade saw logs applied according to Appraisal Method, Species Product Grade and Effective Date.		
6	LOGRADE_SAWLOG_RT	NOT NULL	NUMBER(5,2)
	Rate to be applied within Base Rate Calculation according to Species Product Grade and Appraisal Method.		

Indexes:

UI_AP_SLF
- APPRAISAL_MTHD_CD
- HDBS_SPP_PRD_GRADE
- EFFECTIVE_DATE

Table: AVG_LMBRMKT_VAL

Description:

The selling price for a particular zone and species per 1000 board feet of lumber. Three classifications exist: Stud (STUD, 2 X 4); Random dimension (RAND, bigger than 2 X 4); and All (All, all other classifications).

Columns:

Seq.	Column	Nulls?	Type
* 1	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated average lumber market value entry becomes effective.		
* 2	RATE_CALC_MTHD_CD	NOT NULL	VARCHAR2(3)
	Identifies the calculation method used to establish stumpage rates.		
* 3	SPP_LUM_SELPRIC_ZN	NOT NULL	NUMBER(5)
	The lumber selling price zone that is applicable for this species.		
* 4	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	A code indicating the tree species in the stand.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the average lumber market value entry has been reviewed and approved.		
6	STUD_MARKET_VALUE	NOT NULL	NUMBER(5)
	The market value per 1000 board feet for STUD classed lumber.		
7	RAND_MARKET_VALUE	NOT NULL	NUMBER(5)
	The market value per 1000 board feet of RAND classed lumber.		
8	ALL_MARKET_VALUE	NOT NULL	NUMBER(5)
	The market value per 1000 board feet for ALL classifications of lumber.		

Indexes:

UI_AVG_LMVA
- EFFECTIVE_DATE
- RATE_CALC_MTHD_CD
- SPP_LUM_SELPRIC_ZN
- HDBS_TREE_SPECIES

Table: BANK_HEIGHT_COST

Description:

This table contains information about the cost of the bank height method for an appraisal worksheet.

Columns:

Seq.	Column	Nulls?	Type
* 1	BANK_HGHT_CAT_CD	NOT NULL	VARCHAR2(4)
* 2	ROCK_MASS_CLASS_CD	NOT NULL	VARCHAR2(1)
* 3	EFFECTIVE_DATE	NOT NULL	DATE
4	BANK_HEIGHT_COST	NOT NULL	NUMBER(12,5)
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)

Foreign Keys:

BNKHGHT_TRD_FK
ROCK_MASS_CLASS_CD = APP_TAB_RD_DTL.ROCK_MASS_CLASS_CD
BANK_HGHT_CAT_CD = APP_TAB_RD_DTL.BANK_HGHT_CAT_CD

Indexes:

BNKHGHT_TRD_FK_I
EFFECTIVE_DATE
I1$_BANK_HEIGHT_COST
BANK_HGHT_CAT_CD
EFFECTIVE_DATE

Table: BRIDGE_COST_TBL

Description:

Estimates for bridge costs are made for bridges where their necessity is substantiated by field data. Cost estimates for log bridges are based on span lengths (distance between the centres of the top sill logs) and average crib height (measured from the bottom of the bottom sill log to the point where the stringer rests on the top sill log at the centre line of the bridge).

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	Indicates whether an appraisal follows the Coast or Interior manual procedures and rates.		
* 2	APP_BRIDGE_TYPE_ST	NOT NULL	VARCHAR2(3)
	Identifies the type of bridge used for cost estimates.		
* 3	BRIDGE_SPAN	NOT NULL	NUMBER(5)
	The length of the bridge in metres.		
* 4	BRIDGE_CRIB_HEIGHT	NOT NULL	NUMBER(5)
	The average height of the bridge in metres.		
* 5	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the bridge cost estimate becomes effective.		
6	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the bridge cost entry has been reviewed and approved.		
7	TABULTD_BRIDGE_CST	NOT NULL	NUMBER(5,1)
	The total cost for an identified bridge to be included in this appraisal expressed in thousands of dollars.		

Indexes:

UI_BD_CT
- APPRAISAL_MTHD_CD
- APP_BRIDGE_TYPE_ST
- BRIDGE_SPAN
- BRIDGE_CRIB_HEIGHT
- EFFECTIVE_DATE

Table: CAS_APPL_SECRTY

Description:

This table is used to restrict access to personnel with knowledge of a valid userid and password combination. A userid may have access to a single region or all regions. Also, used to restrict update and test privileges.

Columns:

Seq.	Column	Nulls?	Type
* 1	USERID	NOT NULL	VARCHAR2(8)
	A number that is assigned to an individual to allow them access to the system.		
2	UPD_HOME_REG_IND	NOT NULL	VARCHAR2(1)
	A code representing whether or not the user is allowed to update appraisals within their region.		
3	READ_HOME_REG_IND	NOT NULL	VARCHAR2(1)
	A code representing whether or not the user is allowed to read appraisals within their region.		
4	READ_ALL_REGNS_IND	NOT NULL	VARCHAR2(1)
	A code representing whether or not the user is allowed to read appraisals in any region.		
5	UPD_TBL_TABLES_IND	NOT NULL	VARCHAR2(1)
	A code representing whether or not the user is allowed to update edit tables.		
6	UPD_SCTY_TABLE_IND	NOT NULL	VARCHAR2(1)
	A code representing whether or not the user is allowed to update the security table.		
7	UPD_TRIAL_APP_IND	NOT NULL	VARCHAR2(1)
	A code representing whether or not the user is allowed to perform test scenarios.		
8	COMMIT_TRANS_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated user is allowed to perform commit transactions against edit tables.		
9	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	The userid of the person who last updated the worksheet.		
10	UPDATE_TIMESTAMP	NOT NULL	DATE
	The time at which the last update took place to the worksheet.		

Indexes:

UI_CAS_APSE
USERID

Table: CATLGRD_FNC_TBL

Description:

A base table holding the dollar cost estimate of a cattle guard, and a 100 metre length of fence (wing or remedial).

Columns:

Seq.	Column	Nulls?	Type
* 1	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the cattle guard and fence cost entry becomes effective.		
2	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the cattle guard and fence cost entry has been reviewed and approved.		
3	FENCE_COST_100M	NOT NULL	NUMBER(5)
	The cost per hundred metre section of fence (either wing or remedial fencing).		
4	CATTLE_GUARD_COST	NOT NULL	NUMBER(10)
	The cost of a single cattle guard.		
5	PIPELINE_CROSS_CST	NOT NULL	NUMBER(10)
	Unit cost for each single pipeline crossing.		
6	MULTIPLE_PIPE_CROSSING_COST	NULL	NUMBER(10)
	Unit cost for each pipe in a multiple pipeline crossing		

Indexes:

UI_CG_FN
EFFECTIVE_DATE

Table: CMPNY_RPTNG_TBL

Description:

This table contains the report grouping information for the Stumpage Adjustment and Reporting (SAR) output. Client numbers listed in this table are typically "rolled up" into a common, larger reporting company code to ease report administrative effort.

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	A one character code representing the appraisal method that this company entry applies to. Valid values are 'I' (Interior) and 'C' (Coast).		
* 2	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a ministry client.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the corresponding company reporting entry becomes valid. Please note that, for all intents and purposes, this date should correspond to a stumpage rate effective date.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated company reporting entry has been reviewed and approved.		
5	RPT_GRP_CLIENT_NUM	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a ministry client.		

Foreign Keys:

CRCT_FC_FK
CLIENT_NUMBER = FOREST_CLIENT.CLIENT_NUMBER
CRCT_FC_IS_GROUPED_BY_FK
RPT_GRP_CLIENT_NUM = FOREST_CLIENT.CLIENT_NUMBER

Indexes:

UI_COMP_RP
APPRAISAL_MTHD_CD
CLIENT_NUMBER
EFFECTIVE_DATE

Table: CNSMR_PRIC_INDX

Description:

The monthly consumer price index as set by the BC Consumer price index guide (P110000).

Columns:

Seq.	Column	Nulls?	Type
* 1	EFFECTIVE_DATE	NOT NULL	DATE
	The monthly period for which the consumer price index is applicable.		
2	CNSMR_PRICE_INDEX	NOT NULL	NUMBER(5,1)
	The monthly value as reported by the BC Consumer Price index guide (P110000).		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the monthly consumer price index value has been reviewed and approved.		

Indexes:

UI_CM_PI
EFFECTIVE_DATE

Table: CODE_LIST_TABLE

Description:

Contains code values and code value descriptions identified for a specific Ministry of Forests corporate code.

Columns:

Seq.	Column	Nulls?	Type
* 1	COLUMN_NAME	NOT NULL	VARCHAR2(18)
	Contains the name of the code that is being expanded from a code to a result (eg. "SPECIES_CODE" is the code name, "F" is the argument passed in, and "Fir" is the expanded result).		
* 2	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
	Contains the code argument that is passed in, to be expanded to the result (i.e. translate the code into what the codes means).		

Indexes:

UI_CD_LST
COLUMN_NAME
CODE_ARGUMENT

Table: CODE_SUBSET_TBL

Description:

Contains subsets or supersets of code list code values. When when only a partial list of the code values for a code(subset) is valid, or a list of the values across two or more codes(superset) is valid, code subset table is used to validate the permissable values.

Columns:

Seq.	Column	Nulls?	Type
* 1	CODE_SUBSET_NAME	NOT NULL	VARCHAR2(18)
	Contains the name of a code list that points to a subset of codes from CODE_LIST_TABLE.		
* 2	COLUMN_NAME	NOT NULL	VARCHAR2(18)
	Contains the name of a corporate code that is used commonly throughout the Ministry of Forests for validating data values within ministry business applications. (eg. STATUS_CODE). Within CODE_LIST_TABLE this is know as COLUMN_NAME.		
* 3	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
	Contains the code argument that is passed in, to be expanded to the result (i.e. translate the code into what the code means).		

Indexes:

UI_CD_SS
- CODE_SUBSET_NAME
- COLUMN_NAME
- CODE_ARGUMENT

Table: CORP_RPTNG_TBL

Description:

This table contains the grouping information for selected (SAR) reporting. Client numbers are typically "rolled up" into a common, larger reporting company code (client number).

Columns:

Seq.	Column	Nulls?	Type
* 1	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a ministry client.		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the corresponding company reporting entry becomes valid. Please note that, for all intents and purposes, this date should correspond to a stumpage rate effective date.		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated company reporting entry has been reviewed and approved.		
4	RPT_GRP_CLIENT_NUM	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a ministry client.		

Foreign Keys:

CR_FC_FK
CLIENT_NUMBER = FOREST_CLIENT.CLIENT_NUMBER
CR_FC_IS_GROUPED_BY_FK
RPT_GRP_CLIENT_NUM = FOREST_CLIENT.CLIENT_NUMBER

Indexes:

UI_CP_RP
CLIENT_NUMBER
EFFECTIVE_DATE

Table: COST_TREND_TBL

Description:

Factors applied to each appraisal logging cost, milling cost and silviculture costs to make the estimates current. The trend factors are used to provide a common cost to logging, milling and silviculture cost for a particular time period (provides a Net Present Value estimate).

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	The method used to determine the appraisal. Eg. 'C' = Coast, 'I' = Interior.		
* 2	POLICY_EFCTV_DATE	NOT NULL	DATE
	The date on which the appraisal manual or policy becomes effective.		
* 3	FACTOR_EFCTV_DATE	NOT NULL	DATE
	The date on which the silviculture, logging, and milling trend factors become effective.		
4	SILVIC_TREND_FACTR	NOT NULL	NUMBER(5,3)
	The trend factor value applied to the silviculture cost which updates costs to the applicable dates.		
5	LOGING_TREND_FACTR	NOT NULL	NUMBER(5,3)
	The trend factor value applied to the logging cost which updates costs to the applicable date .		
6	MILING_TREND_FACTR	NOT NULL	NUMBER(5,3)
	The trend factor value applied to the milling cost which updates costs to the applicable date.		
7	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the cost trend entry has been reviewed and approved.		

Indexes:

UI_CT_TD
- APPRAISAL_MTHD_CD
- POLICY_EFCTV_DATE
- FACTOR_EFCTV_DATE

Table: C_CLVRT_CST_TBL

Description:

The cost estimate to install a circular culvert.

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	A code indicating the method of calculating the stumpage rates for the appraisal. Valid values are 'C' = Coast and 'I' = Interior.		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated culvert cost becomes effective.		
* 3	CIRC_PIPE_DIAMETR	NOT NULL	NUMBER(3,1)
	The diameter of a metal curcular pipe culvert expressed in meters.		
* 4	CIRC_PIPE_LENGTH	NOT NULL	NUMBER(5)
	The length in metres of the culvert to be installed.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the tabulated circular culvert cost entry has been reviewed and approved.		
6	CLVRT_COST_EST	NOT NULL	NUMBER(10)
	The cost estimate to install the indicated diameter of culvert pipe.		

Indexes:

UI_C_CLCT
- APPRAISAL_MTHD_CD
- CIRC_PIPE_DIAMETR
- CIRC_PIPE_LENGTH
- EFFECTIVE_DATE

Table: DFLT_STMPG_RT_T

Description:

This table: 1) stores the maximum stumpage rate for an appraised species, where applicable; 2) stores the default stumpage rate for billing purposes for a species-product-grade combination that does not have rates specified in an individual appraisal.

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	The method used to determine the appraisal being done. (eg. 'c' = Coast, 'I' = Interior)		
* 2	HDBS_SPP_PRD_GRADE	NOT NULL	VARCHAR2(5)
	A five character code. Two characters stand for the tree species in a volume. Another two characters stand for the product to be made and the last character stands for the quality of the species found within a given volume.		
* 3	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 4	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated default rate entry becomes effective.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated default rate entry has been reviewed and approved.		
6	DEFAULT_RESERVE_RT	NOT NULL	NUMBER(5,2)
	The default rate at which the species product grade combination is billed when there is no appraisal information available. This figure is expressed in a $/m3 figure.		
7	MAX_APPRAISED_RATE	NOT NULL	NUMBER(5,2)
	The maximum rate at which an appraisal species product grade combination may be rated. This figure is expressed in a $/m3 figure.		

Foreign Keys:

DSRT_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_DF_SRT
APPRAISAL_MTHD_CD
HDBS_SPP_PRD_GRADE
ORG_UNIT_NO
EFFECTIVE_DATE

Table: DSTRCT_APP_MTHD

Description:

Identifies the appraisal method (coast or interior) used by a forest district to complete stumpage appraisals.

Columns:

	Seq.	Column	Nulls?	Type
*	1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
		Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
*	2	EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the district / appraisal method association becomes effective.		
	3	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
		A code indicating the method of calculating the stumpage rates for the appraisal. Valid values are 'C' = Coast and 'I' = Interior.		
	4	EXPIRY_DATE	NOT NULL	DATE
		The date on which the district / appraisal method association expires.		

Foreign Keys:

DAM_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_DT_APMT
ORG_UNIT_NO
EFFECTIVE_DATE

Table: FOREST_CLIENT

Description:

Name and Address of the Licensee who has the right to harvest timber for each appraisal.

Columns:

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

Table: FOR_CLIENT_LINK

Description:

The type of licence a client holds for a particular timber mark (eg Forest Licence, Tree Farm Licence, etc.).

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		
* 2	CUTTING_PERMIT_ID	NOT NULL	VARCHAR2(3)
	Identifier for a cutting permit associated with a quota type tenure.		
* 3	CUT_BLOCK_ID	NOT NULL	VARCHAR2(10)
	Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).		
* 4	FILE_CLIENT_TYPE	NOT NULL	VARCHAR2(1)
	Indicates the type of relationship the client has to the file.		
* 5	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a ministry client.		
* 6	CLIENT_LOCN_CODE	NOT NULL	VARCHAR2(2)
	A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.		

Table: HARVEST_COMMIT

Description:

Information about the agreement under which quota-type tenures operate. This refers to the distribution of the AAC and the area to be harvested, reflected as a commitment by the Forest Service to the tenure holder. This is the tenure current AAC.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest use files. Assigned file number.		

Table: HARVEST_HISTORY

Description:

This is the table used to store volume and value data for a Mark. The volumes are summary data, retained by Species, product, grade, billing period, and billing type. It exists for performance reasons to support the various queries and reports.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	The Timber Mark is a unique set of characters that is used to identify logs that are harvested from a species area. The Mark is associated with a tenure of some type, which in turn is held by at least one Client.		
* 2	BILLING_YEAR	NOT NULL	NUMBER(5)
	This is the year in which the recorded volume was billed.		
* 3	BILLING_MONTH	NOT NULL	NUMBER(5)
	This is the month in which the recorded volume was billed.		
* 4	BILLING_TYPE_CODE	NOT NULL	VARCHAR2(2)
	This is a code used to differentiate between various types of billed volumes. Examples being regular harvest volume, waste volume, trespass volume, and overcut volume.		
* 5	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	A code that identifies the species of log being scaled.		
* 6	FOREST_PRODUCT_CDE	NOT NULL	VARCHAR2(2)
	This code identifies the type of forest product being scaled. It is blank for logs.		
* 7	LOG_GRADE	NOT NULL	VARCHAR2(1)
	A code assigned to each log to indicate the overall quality, which infers a certain value.		

Indexes:

UI_HV_HIST
- LOG_GRADE
- FOREST_PRODUCT_CDE
- HDBS_TREE_SPECIES
- BILLING_MONTH
- BILLING_YEAR
- TIMBER_MARK
- BILLING_TYPE_CODE

Table: HARVEST_SALE

Description:

Sale information relating to specific tenures, usually let via the competitive bid process. Information on planned sale and actual sale details are required for Small Business tenures.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest Use Files.		

Table: INTSILV_CST_TBL

Description:

The cost estimate for each Interior Appraisal basic silviculture treatment regime and indicators showing in which region each regime applies, and local netdown factor for each Region and regime.

Columns:

Seq.	Column	Nulls?	Type
* 1	TREATMENT_REGIME	NOT NULL	VARCHAR2(2)
	The grouping for areas requiring similar silviculture treatment.		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated silviculture costs become effective.		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the silviculture cost estimate entry has been reviewed and approved.		
4	CARIBOO_REGION_IND	NOT NULL	VARCHAR2(1)
	An indicator showing that this treatment regime is applicable to the Cariboo forest region.		
5	CAR_NTDWN_FCT_PCT	NOT NULL	NUMBER(7,4)
	A factor for reducing total area requiring silviculture as a result of logging activities in the Cariboo region.		
6	KAMLOOPS_REGN_IND	NOT NULL	VARCHAR2(1)
	An indicator showing that this treatment regime is applicable to the Kamloops forest region.		
7	KAM_NTDWN_FCT_PCT	NOT NULL	NUMBER(7,4)
	A factor for reducing total area requiring silviculture as a result of logging activities in the Kamloops region.		
8	NELSON_REGION_IND	NOT NULL	VARCHAR2(1)
	An indicator showing that this treatment regime is applicable to the Nelson forest region.		
9	NEL_NTDWN_FCT_PCT	NOT NULL	NUMBER(7,4)
	A factor for reducing total area requiring silviculture as a result of logging activities in the Nelson region.		
10	PG_REGION_IND	NOT NULL	VARCHAR2(1)
	An indicator showing that this treatment is applicable to the Prince George forest region.		
11	PG_NTDWN_FCT_PCT	NOT NULL	NUMBER(7,4)
	A factor for reducing total area requiring silviculture as a result of logging activities in the Prince George area.		
12	PR_REGION_IND	NOT NULL	VARCHAR2(1)
	An indicator showing that this treatment regime applies to the Prince Rupert forest region.		
13	PR_NTDWN_FCT_PCT	NOT NULL	NUMBER(7,4)
	A factor for reducing total area requiring silviculture as a result of logging activities in the Prince Rupert region.		
14	VANCOUVER_REGN_IND	NOT NULL	VARCHAR2(1)
	An indicator showing whether this treatment regime applies to the Vancouver Region.		
15	VAN_NTDWN_FCT_PCT	NOT NULL	NUMBER(7,4)
	A factor for reducing total area requiring silviculture as a result of logging activities in the Vancouver region.		
16	ICE_BRIDGE_FACTOR	NOT NULL	NUMBER(3,2)
	This factor, when multiplied by the basic silviculture cost per hectare for a treatment regime, gives the cost for treatment required in areas accessed by ice bridge.		
17	NC_BRUSH_FACTOR	NOT NULL	NUMBER(3,2)
	This factor is multiplied by the basic silviculture cost for a treatment regime for areas of non-commercialbrush.		
18	BASIC_COST_HECTARE	NOT NULL	NUMBER(5)
	The cost estimate in $ per hectare for this treatment regime.		

Indexes:

UI_INTSL_CT
TREATMENT_REGIME
EFFECTIVE_DATE

Table: INT_ISLTD_C_EST

Description:

The isolated cost estimate covers the costs of moving people, equipment and supplies across non-road portions of a route to a camp. Includes various camp depreciation, maintenance and operating costs.

Columns:

Seq.	Column	Nulls?	Type
* 1	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated isolated cutting cost estimate entry becomes effective.		
* 2	ISOLATD_CT_LOCN_CD	NOT NULL	VARCHAR2(1)
	A location associated with an isolated cost estimate. Isolated cutting locations are: 1. Kinbasket Lake; 2. Williston Lake; 3. All Other Lakes; 4. Niteal Rail.		
3	ISOLATD_CT_COST_M3	NOT NULL	NUMBER(5,2)
	The isolated cost estimate covers the costs of moving people, equipment and supplies across non-road portions of a route to a camp. Includes various camp depreciation, maintenance and operating costs.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the interior isolated cutting cost estimate entry has been reviewed and approved.		

Indexes:

UI_INT_ILCE
- EFFECTIVE_DATE
- ISOLATD_CT_LOCN_CD

Table: INT_OHD_CST_TBL

Description:

This entity estimates costs, for an Interior mark, of general, administrative and operational overhead expressed in dollars per cubic metre. Current Administration and Other costs include: - Overhead costs; Accessible operation costs; Isolated operation costs; Remoteness costs. (Current values are described on pages 78-79 of the I. A. Manual.)

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the overhead and administration record entries become effective.		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the interior overhead and administration cost estimate entry has been reviewed and approved.		
4	GENRL_ADMIN_CST_M3	NOT NULL	NUMBER(5,2)
	Costs for related administrative and supervisory activities attributed to logging that occur at the head office, branch office, and camp or operation.		
5	OPERATIONAL_CST_M3	NOT NULL	NUMBER(5,2)
	The cost estimate for non-administrative overhead incurred while harvesting the timber.		
6	RMT_ACOM_COST_M3	NOT NULL	NUMBER(5,2)
	The additional administrative and overhead cost incurred by remote operations.		
7	NRMT_ACM_CST1_M3	NOT NULL	NUMBER(5,2)
	The additional cost allowance for non-remote operations that have accommodations that are less than or equal to 1.5 hours from the work site.		
8	NRMT_ACM_CST2_M3	NOT NULL	NUMBER(5,2)
	The additional cost allowance for non-remote operations that have accomodations that are more than 1.5 hours from the work site.		

Foreign Keys:

IOAACE_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_OHCT
ORG_UNIT_NO
EFFECTIVE_DATE

Table: INT_OVERHD_CST

Description:

The overhead costs related to administrative and supervisory activities associated with logging and basic silviculture. Required for Interior Appraisal Manual Amendment 10 (Section 4.1.7.1).

Columns:

Seq.	Column	Nulls?	Type
* 1	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated overhead cost estimate entry becomes effective.		
* 2	OVERHEAD_GRP_CD	NOT NULL	VARCHAR2(1)
	The code representing a group of points of appraisal associated with an overhead cost estimate for a specific effective date.		
3	OVERHEAD_COST_M3	NOT NULL	NUMBER(5,2)
	The estimated cost in $ per m3 for all office operation overhead excluding costs associated with the Forest Act, Section 88.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the overhead cost estimate entry has been reviewed and approved.		

Indexes:

UI_INT_OH_CT
EFFECTIVE_DATE
OVERHEAD_GRP_CD

Table: INT_OVERHD_PNT

Description:

The overhead costs related to administrative and supervisory activities associated with logging and basic silviculture. The associated point of appraisal is maintained for a specific overhead effective date and group code.

Columns:

Seq.	Column	Nulls?	Type
* 1	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated overhead cost estimate entry becomes effective.		
* 2	OVERHEAD_GRP_CD	NOT NULL	VARCHAR2(1)
	The code representing a group of points of appraisal associated with an overhead cost estimate for a specific effective date.		
* 3	PT_OF_APPRAISAL_ST	NOT NULL	VARCHAR2(4)
	The geographic destination to which the overhead cost estimate applies signified by a letter code.		

Indexes:

IN_OH_GC
- EFFECTIVE_DATE
- OVERHEAD_GRP_CD

IN_OH_PNT_EF
- PT_OF_APPRAISAL_ST
- EFFECTIVE_DATE

UI_INT_OH_PT
- EFFECTIVE_DATE
- OVERHEAD_GRP_CD
- PT_OF_APPRAISAL_ST

Table: INT_SBG_CST_TBL

Description:

Cost of subgrade construction is estimated in $ per Km.The estimate includes clearing and grubbing, stripping, stump removal, incidental log decking, ditch construction, material costs and installation of pipe culverts and single log abutment culverts.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	ROAD_TYPE_CODE	NOT NULL	VARCHAR2(1)
	The type of road for which this cost estimate is applicable. Valid values are 'M' (main) and 'O' (operational).		
* 3	SOIL_MOIST_TYPE_CD	NOT NULL	VARCHAR2(1)
	A general description of the moisture content of the soil based on drainage pattern and vegetation.		
* 4	UPHLL_SD_SLOPE_MAX	NOT NULL	NUMBER(5)
	The upper percentage value of the side slope to determine the cost to subgrade a road.		
* 5	CONSTRUCT_CAT_CODE	NOT NULL	VARCHAR2(1)
	Construction category is determined on the basis of the representative rock and other materials used in the subgrade.		
* 6	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the subgrade cost estimate becomes effective.		
7	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the interior subgrade cost estimate entry has been reviewed and approved.		
8	SUBGRADE_COST_KM	NOT NULL	NUMBER(5,1)
	The estimate cost in thousands of dollars per kilometer to add subgrade to an identified road which is required to be built.		

Foreign Keys:

ISCE1_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_INT_SBCT
ORG_UNIT_NO
ROAD_TYPE_CODE
SOIL_MOIST_TYPE_CD
UPHLL_SD_SLOPE_MAX
CONSTRUCT_CAT_CODE
EFFECTIVE_DATE

Table: INT_SILV_GROUP

Description:

Groupings of organizational units for the purposes of establishing common silviculture activities and costs.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	SILVICLTURE_GRP_ID	NOT NULL	VARCHAR2(1)
	Identifier for a grouping of organizational units for which similar silviculture costs apply.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the interior silviculture group and organizational unit association becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication to whether or not the silviculture group and organizational unit association has been reviewed and approved.		

Foreign Keys:

ISG_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_INT_SLGP
ORG_UNIT_NO
SILVICLTURE_GRP_ID
EFFECTIVE_DATE

Table: INT_STBDPTH_TBL

Description:

The cost of stabilizing materials are estimated based on depth required, expressed in metres. Estimates included in this are gravel or broken rock which is placed on the road subgrade to provide stable support and a running surface for logging equipment using the road. Some stabilizing material may be developed in place during subgrade construction. Additional stabilizing material may also be required and may be obtained from a nearby source or trucked in.

Columns:

Seq.	Column	Nulls?	Type
* 1	ROAD_TYPE_CODE	NOT NULL	VARCHAR2(1)
	The type of road for which this cost estimate is applicable. Valid values are 'M' (main) and 'O' (operational).		
* 2	SOIL_MOIST_TYPE_CD	NOT NULL	VARCHAR2(1)
	A general description of the moisture content of the soil based on drainage pattern and vegetation.		
* 3	UPHLL_SD_SLOPE_MAX	NOT NULL	NUMBER(5)
	The upper percentage value of the side slope to determine the amount of stabilizing material required.		
* 4	CONSTRUCT_CAT_CODE	NOT NULL	VARCHAR2(1)
	The code representing the percentage of rock for the subgrade. Values '1' thru '6' are valid.		
* 5	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the stabilizing material depth table entry becomes effective.		
6	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the interior stabilizing material depth entry has been reviewed and approved.		
7	STABLZ_MATERL_DPTH	NOT NULL	NUMBER(3,2)
	The amount of stabilizing material required in metres for the side slope.		

Indexes:

UI_INT_SD
- ROAD_TYPE_CODE
- SOIL_MOIST_TYPE_CD
- UPHLL_SD_SLOPE_MAX
- CONSTRUCT_CAT_CODE
- EFFECTIVE_DATE

Table: INT_WTR_CST_TBL

Description:

Water transportation costs for dumping, booming and dewatering are related to the cost of transporting logs by water.

Columns:

Seq.	Column	Nulls?	Type
* 1	APPINT_WTR_TRNS_CD	NOT NULL	VARCHAR2(2)
	A code representing the type of water transportation used.		
* 2	LAKE_TRANSPORT_ST	NOT NULL	VARCHAR2(4)
	A code which identifies a lake to which water transportation cost estimates apply, and contribute to the appraisal costs. A subset of BC_LOCATION_CODE.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the water transportation cost rate becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the water transportation cost estimate entry has been reviewed and approved.		
5	WATER_TRNSP_CST_M3	NOT NULL	NUMBER(5,2)
	Costs per cubic metre for the applicable water transport type.		

Indexes:

UI_INT_WTCT
- APPINT_WTR_TRNS_CD
- LAKE_TRANSPORT_ST
- EFFECTIVE_DATE

Table: LANDNG_COST_TBL

Description:

The cost allowed to build a landing, expressed in dollars. Landing cost is dependent on soil moisture, side slope percent and construction category.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	SOIL_MOIST_TYPE_CD	NOT NULL	VARCHAR2(1)
	A general description of the moisture content of the soil based on drainage pattern and vegetation.		
* 3	UPHLL_SD_SLOPE_MAX	NOT NULL	NUMBER(5)
	The upper percentage value of the side slope to determine the cost estimate per landing.		
* 4	CONSTRUCT_CAT_CODE	NOT NULL	VARCHAR2(1)
	Construction category is determined on the basis of the representative rock and other materials used in the subgrade.		
* 5	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated landing cost estimate becomes effective.		
6	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the landing cost estimate entry has been reviewed and approved.		
7	LANDING_COST	NOT NULL	NUMBER(10)
	The cost to construct the indicated landing.		

Foreign Keys:

LCE_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_LD_CT
ORG_UNIT_NO
SOIL_MOIST_TYPE_CD
UPHLL_SD_SLOPE_MAX
CONSTRUCT_CAT_CODE
EFFECTIVE_DATE

Table: LNDG_BLDR_CST_T

Description:

The additive cost allowed for creating a landing where the percent of boulders greater than .5 m in diameter is 20% or more.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	BOULDER_PCT_MAX	NOT NULL	NUMBER(5)
	The maximum percentage of boulders receiving the associated cost additive.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the landing boulder cost additive entry becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the landing boulder cost estimate entry has been reviewed and approved.		
5	BLDR_CST_EST_LAND	NOT NULL	NUMBER(5)
	Additional cost additive during construction of a landing with associated boulder percent.		

Foreign Keys:

LBCE_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_LD_BCT
ORG_UNIT_NO
BOULDER_PCT_MAX
EFFECTIVE_DATE

Table: LOGSYS_SPC_VOL

Description:

The volume estimate by tree species for a specified logging system employed during the tree to truck phase of harvesting.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	LOGGING_SYSTEM_CD	NOT NULL	VARCHAR2(3)
	Identifies the logging system used to remove timber from the forest to the truck landing.		
* 4	HARVEST_SYSTEM_ST	NOT NULL	VARCHAR2(5)
	Identifies the system used to harvest the timber mark.		
* 5	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	A two letter code indicating the tree species in the stand.		
6	VOLUME	NOT NULL	NUMBER(10)
	The volume of logs removed for a specific tree species within a logging method.		

Indexes:

UI_LS_SV
- TIMBER_MARK
- APP_EFFECTIVE_DATE
- LOGGING_SYSTEM_CD
- HARVEST_SYSTEM_ST
- HDBS_TREE_SPECIES

Table: LOGSYS_VOL_RATE

Description:

Identify the logging system, volume and rate for an appraisal.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	LOGGING_SYSTEM_ST	NOT NULL	VARCHAR2(3)
	Identifies the logging system used to remove timber from the forest to the truck landing.		
4	VOLUME	NOT NULL	NUMBER(10)
	The volume of logs removed by a specific logging system.		
5	RATE	NOT NULL	NUMBER(5,2)
	Rate per cubic meter for a logging system.		

Foreign Keys:

LSVAR_ATTTC_FK
APP_EFFECTIVE_DATE = APP_TTT_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APP_TTT_COST.TIMBER_MARK

Indexes:

UI_LS_VORT
TIMBER_MARK
APP_EFFECTIVE_DATE
LOGGING_SYSTEM_ST

Table: LRF_UPDFCTR_TBL

Description:

The increase in lumber (expressed in FBM) recoverable from a cubic metre of timber for each species as a result of changes since the existing Lumber Recovery Factors (LRF) were established. Also includes the Combined Product Recovery (CPR) Factor. Both LRF and CPR are applied by LRF Zone, Species Type, and Effective Date.

Columns:

Seq.	Column	Nulls?	Type
* 1	RATE_CALC_MTHD_CD	NOT NULL	VARCHAR2(3)
	Identifies the calculation method used to establish stumpage rates.		
* 2	LRF_ZONE	NOT NULL	NUMBER(5)
	The Lumber Recovery Factor (LRF) Zone (determined by Point of Appraisal and Effective Date) for which the LRF Update Factor and Combined Product Recovery (CPR) Factor are to be applied according to Species Type and Effective Date.		
* 3	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	The two character species code from HDBS used to identify the tree species.		
* 4	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated LRF Update Factor and Combined Product Recovery Factor become effective.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the LRF update factor entry has been reviewed and approved.		
6	LRF_UPD_FCT_FBM_M3	NOT NULL	NUMBER(5)
	The additional foot board measure (FBM) recoverable from a m3 of timber as result of improvements in technology since the cost base was established in 1985.		
7	CPR_FACTOR	NOT NULL	NUMBER(5)
	The Combined Product Recovery (CPR) Factor is used in the determination of Chip Yield (BDU/m3). This factor is applied according to Lumber Recovery Factor (LRF) Zone, Species Type, and Effective Date.		

Indexes:

UI_LRF_UF
- RATE_CALC_MTHD_CD
- LRF_ZONE
- HDBS_TREE_SPECIES
- EFFECTIVE_DATE

Table: LWRD_RCNST_TBL

Description:

This table cotains the values for landing and winter road reconstruction.

Columns:

Seq.	Column	Nulls?	Type
* 1	RECONSTRCT_TYPE_CD	NOT NULL	VARCHAR2(1)
	A code signifying if the associated cost is for landings ('L') or winter roads ('W').		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated landing or winter road reconstruction cost becomes effective.		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the landing and winter road reconstruction cost entry has been reviewed and approved.		
4	LNDG_WRD_RCNST_CST	NOT NULL	NUMBER(5)
	The cost to reconstruct a single winter road or a landing.		

Indexes:

UI_LW_RS
RECONSTRCT_TYPE_CD
EFFECTIVE_DATE

Table: MANUFACTURING_COST_ADJUSTMENT

Description:

The value used to adjust manufacturing costs based on point of appraisal and species.

Columns:

Seq.	Column	Nulls?	Type
* 1	PT_OF_APPRAISAL_ST	NOT NULL	VARCHAR2(4)
	The Point of Appraisal code is the unique identifier for the Point of Appraisal. This code is a subset of the BC Location Code in code list.		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the cost adjustment become effective.		
* 3	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	The two character species code used to identify a tree species.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the manufacturing cost adjustment entry has been reviewed and approved.		
5	COST_ADJUSTMENT	NOT NULL	NUMBER(4,2)
	A value to be added to adjust the Species Manufacturing cost		

Indexes:

UI_MF_CT_AD
- PT_OF_APPRAISAL_ST
- EFFECTIVE_DATE
- HDBS_TREE_SPECIES

Table: MANUFACTURING_COST_BASELINE

Description:

Average manufacturing cost adjustment applied to exempt licences.

Columns:

Seq.	Column	Nulls?	Type
* 1	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
* 2	BASELINE_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the baseline cost is effective.		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the baseline cost entry has been reviewed and approved.		
4	BASELINE_COST_ADJUSTMENT	NOT NULL	NUMBER(4,2)
	Average manufacturing cost adjustment per tree species applicable to exempt licences.		

Indexes:

UI_MF_CTBL
HDBS_TREE_SPECIES
BASELINE_EFFECTIVE_DATE

Table: MANUFACTURING_COST_EXEMPTION

Description:

A list of licenses for which a baseline value for manufacturing cost is applied instead of the actual Point of appraisal values.

Columns:

	Seq.	Column	Nulls?	Type
*	1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
		File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		
*	2	EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the exemption is effective.		
	3	EXPIRY_DATE	NOT NULL	DATE
		The date on which the exemption has expired.		
	4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
		An indication as to whether or not the manufacturing cost exemtion entry has been reviewed and approved.		

Foreign Keys:

MCE1_PFU_FK
FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

UI_MF_CT_EM
FOREST_FILE_ID
EFFECTIVE_DATE

Table: MANUFACT_CST_TB

Description:

The cost estimate to produce lumber and chips for each species within a manufacturing zone. These costs are taken from a survey of mills in the zone, and include costs from dewatering and truck loading, to loading the lumber and chips on a railcar ready for shipment to market.

Columns:

Seq.	Column	Nulls?	Type
* 1	MANUFACTURNG_ZONE	NOT NULL	NUMBER(5)
	The manufacturing zone for which the manufacturing cost applies.		
* 2	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	The tree species as identified in HDBS to which the manufacturing cost applies.		
* 3	DECAY_PCT_MAX	NOT NULL	NUMBER(5)
	The maximum decay content for which the associated cost applies.		
* 4	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated manufacturing cost estimate becomes effective.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the manufacturing cost estimate entry has been reviewed and approved.		
6	MANUFACT_COST_M3	NOT NULL	NUMBER(5,2)
	The manufacturing cost per m3 for logs with the indicated maximum decay percentage.		

Indexes:

UI_MF_CT
- MANUFACTURNG_ZONE
- HDBS_TREE_SPECIES
- DECAY_PCT_MAX
- EFFECTIVE_DATE

Table: MARKET_PRICE_SYS_TREND_FACTOR

Description:

Factors applied to the Tenure Obligation Adjustment cost estimates to make them current. The trend factor is used to provide a common cost to all the adjustments for a particular time period (provides a Net Present Value estimate).

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	The method used to determine the appraisal. Eg. 'C' = Coast, 'I' = Interior.		
* 2	POLICY_EFCTV_DATE	NOT NULL	DATE
	The date on which the appraisal manual or policy becomes effective.		
* 3	FACTOR_EFCTV_DATE	NOT NULL	DATE
	The date the Tenure Obligation Adjustment trend factor becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the cost trend entry has been reviewed and approved.		
5	TENR_OBLGTN_AJSTMNT_TRND_FCTR	NOT NULL	NUMBER(5,3)
	The trend factor value applied to the Tenure Obligation Adjustment costs to update these costs to the applicable date.		

Indexes:

UI_MPS_TD
- APPRAISAL_MTHD_CD
- POLICY_EFCTV_DATE
- FACTOR_EFCTV_DATE

Table: ORG_UNIT

Description:

A management unit consists of a Timber Supply Area and Timber Supply Block combination, or a Tree Farm Licence Id.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		

Table: OTHR_TR_CST_TBL

Description:

Est. for routine road (transportation) maintenance for remote & non-remote operations. Mtce. covers all work required to keep the roads & bridges in operable condition for use by logging related equipment based on the forest district the mark is in.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_DISTRICT	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the routine maintenance cost becomes effective.		
* 3	REMOTENESS_IND	NOT NULL	VARCHAR2(1)
	A flag to indicate if this is a remote operation.		
4	ROUTINE_MTCE_COST	NOT NULL	NUMBER(5,2)
	The cost estimate for all work required to keep roads and bridges in operable conditions for use by logging related equipment.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated other transportation cost record has been reviewed and approved.		

Foreign Keys:

OTC_OU_FK
FOREST_DISTRICT = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_OT_TC
FOREST_DISTRICT
EFFECTIVE_DATE
REMOTENESS_IND

Table: OV_ADM_COST_TBL

Description:

Estimated cost of general, administrative and operational overhead expressed on a dollar per cubic metre basis for an appraisal. Current administration and other costs include: overhead costs; accessible, isolated and remote operation costs.

Columns:

Seq.	Column	Nulls?	Type
* 1	APPRAISAL_OVRHD_CD	NOT NULL	VARCHAR2(4)
	A code describing the type of administrative cost to apply. Valid values are 'ACC' = Accommodation, 'ISOP' = Isolated Operation, 'OVR' = Overhead, 'AOP' = Accessible Operation and 'REM' = Remote Operation.		
* 2	REMOTENESS_IND	NOT NULL	VARCHAR2(1)
	Indicates whether the cutting authority area is connected by a road suitable for crew buses, to the centre of the nearest community. The nearest community must be a city, district municipality, town or village and must have retail food and gasoline services located nearby.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the overhead cost becomes effective.		
4	OVERHEAD_COST	NOT NULL	NUMBER(5,2)
	An estimate of the overhead administrative costs.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated overhead and admin cost record has been reviewed and approved.		

Indexes:

UI_OV_AMCT
- APPRAISAL_OVRHD_CD
- REMOTENESS_IND
- EFFECTIVE_DATE

Table: PERMIT_BLOCK

Description:

Description of the legal area cleared by the Ministry (that is, no other claims for the land exist), for harvesting, haycutting or recreation purposes. This corresponds to the outlined areas on the Exhibit 'A' maps.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		
* 2	CUTTING_PERMIT_ID	NOT NULL	VARCHAR2(3)
	Identifier for a cutting permit associated with a quota type harvesting tenure.		
* 3	PERMIT_BLOCK_ID	NOT NULL	VARCHAR2(4)
	Identifier for defining the outlined area on a map for the cutting permit.		

Indexes:

UI_PM_BL
- FOREST_FILE_ID
- CUTTING_PERMIT_ID
- PERMIT_BLOCK_ID

Table: PNCHN_CLVRT_TBL

Description:

The cost estimate to install a log and puncheon culvert, based on abutment type.

Columns:

Seq.	Column	Nulls?	Type
* 1	ABUTMENT_TYPE_CODE	NOT NULL	VARCHAR2(1)
	A code qualifying the type of abutment used. Valid values are 'D' (double) and 'T' (triple).		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the puncheon culvert cost becomes effective.		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated puncheon culvert cost has been reviewed and approved.		
4	PUNCHEON_CLVRT_CST	NOT NULL	NUMBER(10)
	The cost estimate for the log and puncheon culvert with the indicated abutment type.		

Indexes:

UI_PC_CR
ABUTMENT_TYPE_CODE
EFFECTIVE_DATE

Table: PROV_FOREST_USE

Description:

General header information to identify the type of forest land use managed by the Ministry of Forests (eg., timber tenures, grazing tenures, recreation files, forest service roads, etc.). This is the main access point for examining land use information.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		

Indexes:

UI_PROV_FU
FOREST_FILE_ID

Table: PST_HARV_TRT_TB

Description:

Post harvesting treatment costs are incurred by a mark as specified in their cutting authority.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	POST_LOG_TRTMT_CD	NOT NULL	VARCHAR2(2)
	The code identifying the post logging treatment.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the post harvest treatment costs become effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the post logging treatment cost estimate entry has been reviewed and approved.		
5	P_LG_TRTMT_CST_M3	NOT NULL	NUMBER(3,2)
	The cost of each post logging treatment expressed in $ per m3.		

Foreign Keys:

PHTCT_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_PST_HTT
EFFECTIVE_DATE
POST_LOG_TRTMT_CD
ORG_UNIT_NO

Table: PST_LG_TRTMT_TB

Description:

Post logging costs are incurred after logging because of treatments specified in the cutting authority.

Columns:

Seq.	Column	Nulls?	Type
* 1	SILV_SYSTEM_CODE	NOT NULL	VARCHAR2(7)
	The silviculture branch's way of recognizing the harvest method for which the treatment is required (selective or clear cut).		
* 2	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 3	APP_SPP_GROUPCODE	NOT NULL	NUMBER(5)
	The species group code as defined in tree to truck variables for ground skidding systems.		
* 4	APP_SPP_TYPECODE	NOT NULL	NUMBER(5)
	A number representing the species composition that was harvested. Valid range: 1 through 5.		
* 5	POST_LOG_TRTMT_CD	NOT NULL	VARCHAR2(2)
	The code identifying the post logging treatment.		
* 6	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the post logging treatment cost becomes effective.		
7	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the post logging treatment cost estimate entry has been reviewed and approved.		
8	P_LG_TRTMT_CST_M3	NOT NULL	NUMBER(3,2)
	The cost of each post logging treatment expressed in $ per m3.		
9	P_LG_TRTMT_CST_HA	NOT NULL	NUMBER(5,2)
	The cost of each post logging treatment expressed in $ per hectare.		

Foreign Keys:

PLTCE_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

IN_PST_LG
EFFECTIVE_DATE
POST_LOG_TRTMT_CD
ORG_UNIT_NO
APP_SPP_TYPECODE

UI_PST_LTT
EFFECTIVE_DATE
SILV_SYSTEM_CODE
POST_LOG_TRTMT_CD
ORG_UNIT_NO
APP_SPP_GROUPCODE
APP_SPP_TYPECODE

Table: PT_OF_APPRAISAL

Description:

The Point of Appraisal for a Timber Mark is usually the closest Point of Appraisal. This table identifies the Manufacturing Zone, Species Selling Price Zone, and Lumber Recovery Factor (LRF) Zone associated with each Point of Appraisal. This table also indentifies the Forest Regions for which each Point of Appraisal is valid.

Columns:

Seq.	Column	Nulls?	Type
* 1	PT_OF_APPRAISAL_ST	NOT NULL	VARCHAR2(4)
	The Point of Appraisal code is the unique identifier for the Point of Appraisal. This code is a subset of the BC Location Code in code list.		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated point of appraisal table entry become effective.		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the point of appraisal table entry has been reviewed and approved.		
4	MANUFACTURNG_ZONE	NOT NULL	NUMBER(5)
	This is the manufacturing zone applicable for this point of appraisal.		
5	SPP_LUM_SELPRIC_ZN	NOT NULL	NUMBER(5)
	The lumber selling price zone which is assigned according to Point of Appraisal and Effective Date.		
6	LRF_ZONE	NOT NULL	NUMBER(5)
	The Lumber Recovery Factor (LRF) Zone which is assigned according to Point of Appraisal and Effective Date.		
7	CARIBOO_REGION_IND	NOT NULL	VARCHAR2(1)
	Indicates when set to "Y" that this point of appraisal is valid for the Cariboo Region.		
8	KAMLOOPS_REGN_IND	NOT NULL	VARCHAR2(1)
	Indicates when set to "Y" that this point of appraisal is valid for the Kamloops Region.		
9	NELSON_REGION_IND	NOT NULL	VARCHAR2(1)
	Indicates when set to "Y" that this point of appraisal is valid for the Nelson Region.		
10	PG_REGION_IND	NOT NULL	VARCHAR2(1)
	Indicates when set to "Y" that this point of appraisal is valid for the Prince George Region.		
11	PR_REGION_IND	NOT NULL	VARCHAR2(1)
	Indicates when set to "Y" that this point of appraisal is valid for the Prince Rupert Region.		
12	VANCOUVER_REGN_IND	NOT NULL	VARCHAR2(1)
	Indicates when set to "Y" that this point of appraisal is valid for the Vancouver Region.		

Indexes:

UI_PT_APP
PT_OF_APPRAISAL_ST
EFFECTIVE_DATE

Table: RTN_RD_MTC_TBL

Description:

Routine maintenance includes grading, spot gravelling, bridge and culvert repairs and all road charges except those specifically listed in sec. 4.1.6. See p. 74-75 of the I.A. manual.

Columns:

Seq.	Column	Nulls?	Type
* 1	MGMT_UNIT_XREF	NOT NULL	VARCHAR2(1)
	Indicates whether the management unit is combination of TSA and TSB, or a Tree Farm Licence number.		
* 2	MANAGEMENT_UNIT_ID	NOT NULL	VARCHAR2(3)
	Either a combination of TSA (2 characters) and TSB (1 character), or a Tree Farm Licence number (up to 3 characters).		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the routine road maintenance cost entry becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the routine road maintenance cost estimate entry has been reviewed and approved.		
5	RTN_MNTNCE_COST_M3	NOT NULL	NUMBER(5,2)
	The cost estimate for all work required to keep roads and bridges in operable condition for use by logging related equipment.		

Indexes:

UI_RN_RM
- MGMT_UNIT_XREF
- MANAGEMENT_UNIT_ID
- EFFECTIVE_DATE

Table: SAR_NOTICE_MSG

Description:

This entity contains any additional text that is to be printed on the stumpage adjustment notices that are generated out of the Stumpage Adjustment and Reporting (SAR) process.

Columns:

	Seq.	Column	Nulls?	Type
*	1	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
		A one character code representing the appraisal method that this company entry applies to. Valid values are 'I' (Interior) and 'C' (Coast).		
*	2	EFFECTIVE_ONLY_DTE	NOT NULL	DATE
		The stumpage adjustment date for which the associated message is applicable. Note that this message is effective only for the specified date.		
	3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
		An indication as to whether or not the associated notice message has been reviewed and approved.		
	4	MSG_TEXT_LINE1	NOT NULL	VARCHAR2(70)
		The 1st line of text for the stumpage adjustment notice message.		
	5	MSG_TEXT_LINE2	NOT NULL	VARCHAR2(70)
		The 2nd line of text for the stumpage adjustment notice message.		
	6	MSG_TEXT_LINE3	NOT NULL	VARCHAR2(70)
		The 3rd line of text for the stumpage adjustment notice message.		
	7	MSG_TEXT_LINE4	NOT NULL	VARCHAR2(70)
		The 4th line of text for the stumpage adjustment notice message.		

Indexes:

UI_SAR_NM
- APPRAISAL_MTHD_CD
- EFFECTIVE_ONLY_DTE

Table: SBGRD_BLDR_TBL

Description:

Boulders not requiring drilling and blasting qualify for a cost additive when boulders over 0.5 metres in diameter cover over 20% of the proposed right-of-way width for a particular tabulated road section.

Columns:

Seq.	Column	Nulls?	Type
* 1	ROAD_TYPE_CODE	NOT NULL	VARCHAR2(1)
	A code representing the type of road. Valid values are 'M' (main) and 'O' (operational).		
* 2	BOULDER_PCT_MAX	NOT NULL	NUMBER(5)
	The maximum percentage of boulder for which the associated cost applies.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated boulder cost additive entry becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the subgrade boulder cost estimate entry has been reviewed and approved.		
5	SBGRD_BLDR_CST_KM	NOT NULL	NUMBER(5)
	The additional cost per kilometer anticipated to be incurred for the indicated boulder percent.		

Indexes:

UI_SG_BD
- ROAD_TYPE_CODE
- BOULDER_PCT_MAX
- EFFECTIVE_DATE

Table: SILV_GRP_TRTCST

Description:

For a given silviculture group and treatment regime, this entity lists default silviculture factors and costs.

Columns:

	Seq.	Column	Nulls?	Type
*	1	SILVICLTURE_GRP_ID	NOT NULL	VARCHAR2(1)
		A grouping of organizational units for which similar silviculture costs apply.		
*	2	TREATMENT_REGIME	NOT NULL	VARCHAR2(2)
		The grouping for areas requiring similar silviculture treatment.		
*	3	EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the silviculture group treatment cost becomes effective.		
	4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
		An indication as to whether or not the silviculture cost estimate entry has been reviewed and approved.		
	5	BASIC_COST_HECTARE	NOT NULL	NUMBER(5)
		The cost estimate in $ per hectare for this treatment regime.		
	6	NC_BRUSH_FACTOR	NOT NULL	NUMBER(3,2)
		This factor is multiplied by the basic silviculture cost for a treatment regime for areas of non-commercialbrush.		
	7	NETDWN_FACTOR_PCT	NOT NULL	NUMBER(7,4)
		A factor for reducing total area requiring silviculture as a result of logging activities.		

Indexes:

UI_SL_GTC
- SILVICLTURE_GRP_ID
- TREATMENT_REGIME
- EFFECTIVE_DATE

Table: SKYLINE_YARDING

Description:

Represents factors that will modify the skyline yarding phase of an appraisal. These factors include: stand defect percent, heavy fire damage, dead useless snags, and blowdown.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
* 2	APP_EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the appraisal becomes effective.		
* 3	HARVEST_SYSTEM_ST	NOT NULL	VARCHAR2(5)
	Identifies the system used to harvest the timber mark.		
4	SKYLINE_YARD_VOL	NOT NULL	NUMBER(10)
	The volume of trees expressed in m3 harvested using skyline yarding.		
5	INTERIOR_BGC_ST	NOT NULL	VARCHAR2(4)
	The most predominant Biogeoclimatic Zone of the area to be logged by skyline yarding within the Cutting Authority. Subset of BGC_ZONE code.		
6	VOLUME_PER_TREE_M3	NOT NULL	NUMBER(3,2)
	Average net merchantable volume per tree for skyline yarding logging methods.		
7	VOLUME_PER_HECTARE	NOT NULL	NUMBER(9,2)
	Average net merchantable volume per hectare of the area to be logged by skyline yarding.		
8	HVY_FIRE_DMG_PCT	NOT NULL	NUMBER(5)
	The percentage of net volume that has received heavy fire damage for the area that will be skyline yarded.		
9	DEAD_USELS_SNG_PCT	NOT NULL	NUMBER(5)
	The percent of dead useless snags in relation to the sum of conifer stems and snags for the area to be logged by skyline yarding.		
10	STAND_DEFECT_PCT	NOT NULL	NUMBER(5)
	Percent of total decay, waste, and breakage in the stand to be skyline yarded. This figure is supplied from the cruise.		
11	AVG_SIDE_SLOPE_PCT	NOT NULL	NUMBER(5)
	The unweighted average of the maximum side slopes of all cruise plots situated within the area to be logged.		
12	BLOWDOWN_PERCENT	NOT NULL	NUMBER(5)
	The percentage for the area of net volume that is not standing due to natural causes that will be skyline yarded.		
13	HARVEST_PCT	NOT NULL	NUMBER(5)
	The percentage of the stand volume harvested.		
14	SKYLINE_YARD_DIST	NOT NULL	NUMBER(5)
	Average skyline slope distance (meters).		

Foreign Keys:

SY_AITTTC_FK
APP_EFFECTIVE_DATE = APPINT_TTT_COST.APP_EFFECTIVE_DATE
TIMBER_MARK = APPINT_TTT_COST.TIMBER_MARK

Indexes:

UI_SL_YD
TIMBER_MARK
APP_EFFECTIVE_DATE
HARVEST_SYSTEM_ST

Table: SPCL_TR_CST_TBL

Description:

Special Transportation is recognized where terrain conditions dictate. These special forms of transportation are railway transportation, truck to truck transfer, barge or ferry used for truck haul, and some location-specific transportation methods.

Columns:

Seq.	Column	Nulls?	Type
* 1	SPCL_TRNSP_TYPE_CD	NOT NULL	VARCHAR2(3)
	The transport type associated with this special transport cost.		
* 2	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the special transportation rate becomes effective.		
3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the special transportation cost estimate entry has been reviewed and approved.		
4	SPCL_TRNSP_DESCR	NOT NULL	VARCHAR2(20)
	The description for this special transportation type and cost.		
5	SPCL_TRNSP_COST_M3	NOT NULL	NUMBER(5,2)
	A per cubic metre cost addition for special transportation situations.		

Indexes:

UI_SP_TCT
- SPCL_TRNSP_TYPE_CD
- EFFECTIVE_DATE

Table: SPEC_SLV_CST_TB

Description:

The additional costs incurred for specific silviculture treatment methods and practices.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	PEST_SPECIES_CODE	NOT NULL	VARCHAR2(3)
	The code used to identify the pest for which a specified silviculture treatment is required (eg. insects, root disease, dwarf mistletoe, etc).		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the specified silviculture cost entry becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the specified silviculture cost estimate entry has been reviewed and approved.		
5	SPEC_SLV_TRT_CST_H	NOT NULL	NUMBER(5)
	The cost in dollars per hectare to perform the specified silviculture treatment.		

Foreign Keys:

SSCE_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_SP_SC
ORG_UNIT_NO
PEST_SPECIES_CODE
EFFECTIVE_DATE

Table: SPP_CHIPPRC_TBL

Description:

This entity represents the selling price (per bone dry unit) of chips per point of appraisal, and the shipping differential in $ per m3 at this point of appraisal.

Columns:

Seq.	Column	Nulls?	Type
* 1	PT_OF_APPRAISAL_ST	NOT NULL	VARCHAR2(4)
	The point of appraisal that will produce the least total cost estimate (usually nearest the mark).		
2	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the species shipping differential and chip value entry has been reviewed and approved.		
* 3	INT_CHIP_ZONE_IND	NOT NULL	VARCHAR2(1)
	Indicates whether the standard point of appraisal chip prices are used, or an override set of values. An integrated chip zone has an integrated mill which utilizes chips.		
* 4	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the selling price and shipping differential entry becomes effective.		
5	SHIP_DIFF_COST_M3	NOT NULL	NUMBER(5,2)
	The additional cost of shipping from the point of appraisal, expressed in $ per M3.		
6	WW_SEL_PRC_PER_BDU	NOT NULL	NUMBER(5)
	The selling price of whitewood classed chips, expressed in $ per BDU (Bone Dry Unit).		
7	CE_SEL_PRC_PER_BDU	NOT NULL	NUMBER(5)
	The selling price of Cedar classed chips, expressed in $ per BDU (Bone Dry Unit).		

Indexes:

UI_SP_CP
- PT_OF_APPRAISAL_ST
- INT_CHIP_ZONE_IND
- EFFECTIVE_DATE

Table: SPP_CHP_YLD_FCT

Description:

Factors by species of the number of bone dry units of chips that can be recovered from a board foot of lumber.

Columns:

Seq.	Column	Nulls?	Type
* 1	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	The two character species code from HDBS used to identify a tree species.		
* 2	CHIP_GROUP	NOT NULL	VARCHAR2(2)
	Chip selling prices are separated into two groups based on species (whitewood and other, i.e. cedar).		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated chip yield factor entry becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the species chip yield factor entry has been reviewed and approved.		
5	CHPYLD_FCT_BDU_FBM	NOT NULL	NUMBER(10)
	The number of Bone Dry Units (BDU) that can be recovered from a FBM of timber of a particular species.		

Indexes:

UI_SP_CYF
- HDBS_TREE_SPECIES
- CHIP_GROUP
- EFFECTIVE_DATE

Table: SPP_GRD_PRC_TBL

Description:

The individual grade prices associated with each species and selling price zone. The selling price estimates are based upon a schedule of log market values collected and published by Revenue Branch.

Columns:

Seq.	Column	Nulls?	Type
* 1	EFFECTIVE_DATE The date on which the selling price becomes effective.	NOT NULL	DATE
* 2	RATE_CALC_MTHD_CD Identifies the calculation method used to establish stumpage rates.	NOT NULL	VARCHAR2(3)
* 3	SPP_SELL_PRIC_ZONE The selling price zone that the harvested species is in.	NOT NULL	NUMBER(5)
* 4	HDBS_SPP_PRD_GRADE A five character code. Two characters stand for the tree species in a volume. Another two characters stand for the product to be made and the last character stands for the quality of the species found within a given volume.	NOT NULL	VARCHAR2(5)
5	SELLING_PRICE_M3 The selling price per cubic metre for a grade of a species.	NOT NULL	NUMBER(6,2)
6	COMMITTED_IND An indication as to whether or not the associated species / grade price record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Indexes:

UI_SP_GPT
- EFFECTIVE_DATE
- RATE_CALC_MTHD_CD
- SPP_SELL_PRIC_ZONE
- HDBS_SPP_PRD_GRADE

Table: STABLZ_DPTH_TBL

Description:

The cost of stabilizing materials are estimated based on stabilizing material depth. Estimates are for gravel or broken rock which is placed on the road subgrade to provide stable support and a running surface for logging equipment using the road.

Columns:

Seq.	Column	Nulls?	Type
* 1	CONSTRUCT_CAT_CODE	NOT NULL	VARCHAR2(1)
	The code representing the percentage of rock for the subgrade. Values 1 thru 6 are valid.		
* 2	UPHLL_SD_SLOPE_MAX	NOT NULL	NUMBER(5)
	The upper value to determine the side slope.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the stabilizing depth material value becomes effective.		
4	STABLZ_MATERL_DPTH	NOT NULL	NUMBER(3,2)
	The amount of stabilizing material required in metres for the side slope.		
5	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated stabilizing material depth record has been reviewed and approved.		

Indexes:

UI_SB_DT
- CONSTRUCT_CAT_CODE
- UPHLL_SD_SLOPE_MAX
- EFFECTIVE_DATE

Table: SUBGRD_COST_TBL

Description:

An indication as to whether or not the associated stabilizing material depth record has been reviewed and approved.

Columns:

Seq.	Column	Nulls?	Type
* 1	CONSTRUCT_CAT_CODE	NOT NULL	VARCHAR2(1)
	The code representing the percentage of rock for the subgrade. Values 1 thru 6 are valid.		
* 2	ROCK_MASS_CLASS_CD	NOT NULL	VARCHAR2(1)
	The code is a rock hardness indicator for the subgrade. Valid values are 'H' (Hard) and'S' (Soft).		
* 3	UPHLL_SD_SLOPE_MAX	NOT NULL	NUMBER(5)
	The upper value to determine the side slope.		
* 4	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the subgrade cost becomes effective.		
5	SUBGRADE_COST	NOT NULL	NUMBER(5,1)
	The estimated cost in thousands of dollars to add subgrade to an identified road which is required to be built.		
6	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the associated subgrade cost record has been reviewed and approved.		

Indexes:

UI_SG_CT
- CONSTRUCT_CAT_CODE
- ROCK_MASS_CLASS_CD
- UPHLL_SD_SLOPE_MAX
- EFFECTIVE_DATE

Table: TENURE_HISTORY

Description:

Historical tenure information for unique Timber Marks occurring within the Timber Mark table. Tenure History occurrances are created by a monthly extract process when differences are detected between current tenure information and latest tenure history.

Columns:

Seq.	Column	Nulls?	Type
1	ADM_DISTRICT_CD	NOT NULL	VARCHAR2(3)
	Code which specifies the Administrative Forest District for a Timber Mark.		
* 2	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	The Timber Mark that the occurrance of Tenure History represents. A Timber Mark is a unique identifier for each contractual timber tenure. A Timber Mark always belongs to a Forest File and is referenced within the Forest File by Cutting Permit Id.		
3	ENTRY_DATE	NOT NULL	DATE
	Entry date of Tenure History occurrance. This date represents the date tenure history information was extracted and a difference between that information and the latest tenure history occurrance was detected.		
* 4	EXPIRY_DATE	NOT NULL	DATE
	Expiry date of Tenure History occurance. This date represents the date tenure history information expires.		
5	CUTTING_PERMIT_ID	NOT NULL	VARCHAR2(3)
	Cutting Permit identifier for a Timber Mark contained within a Forest File.		
6	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	Identifier assigned to Forest Files. Forest Files sometimes contain Timber Marks.		
7	SB_FUND_IND	NOT NULL	VARCHAR2(1)
	Indicator to specify the Forest File as part of the Small Business Forest Enterprise Program (SBFEP).		
8	QUOTA_TYPE_CODE	NOT NULL	VARCHAR2(1)
	The Quota Type code determines the administrative policies regarding the regulation of the Allowable Annual Cut (AAC) for the Timber Mark.		
9	CASCADE_SPLIT_CODE	NOT NULL	VARCHAR2(1)
	Cascade split code is used to specify geographic location of a Timber Mark as East or West of the Cascade Mountains Administrative Line through British Columbia from Washington State to Alaska.		
10	FILE_TYPE_CODE	NOT NULL	VARCHAR2(3)
	The purpose of this code is to specify the Forest File type that contains the Timber Mark.		
11	MGMT_UNIT_TYPE	NOT NULL	VARCHAR2(1)
	The type of Management Unit determines the applicable administrative policies for the forest land.		
12	MGMT_UNIT_ID	NOT NULL	VARCHAR2(4)
	The purpose of this identifier is to specify the unique Management Unit assigned to the Forest Lands in which the tenure resides.		
13	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a client to the Ministry of Forests for a given Forest File, Cutting Permit, and sometimes Cut Block. Retrieval of the Forest Client Link entry is by Forest File Id, Cutting Permit Id, and File Client type 'A'.		
14	CLIENT_LOCN_CODE	NOT NULL	VARCHAR2(2)
	An identifier to uniquely specify the appropriate client address for a given Forest File, Cutting Permit, and sometimes Cut Block. Forest Client Link occurance is retrieved by Forest File Id, Cutting Permit, and File Client Type 'A'.		
15	APPRAISAL_MTHD_CD	NOT NULL	VARCHAR2(1)
	The purpose of this code is to specify the appraisal method used to determine the stumpage rates for a timber mark and a specific time period.		
16	SB_CATEGORY_CODE	NOT NULL	VARCHAR2(1)
	Code specifying the type of end product expected from the harvested timber.		
17	GEO_DISTRICT_CD	NOT NULL	VARCHAR2(3)
	Code which specifies the Geographic Forest District for a Timber Mark.		
18	ADM_REGION_CD	NOT NULL	VARCHAR2(3)
	Code which specifies the Administrative Forest Region for a Timber Mark.		
19	QUOTA_TYPE_NM	NOT NULL	VARCHAR2(100)
	The description for the Quota Type Code attribute of this entity.		
20	CASCADE_SPLIT_NM	NOT NULL	VARCHAR2(100)
	The description for the Cascade Split Code attribute of this entity.		
21	FILE_TYPE_NM	NOT NULL	VARCHAR2(100)

Table: TENURE_HISTORY (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	The description for the File Type Code attribute of this entity.		
22	MGMT_UNIT_TYPE_NM	NOT NULL	VARCHAR2(100)
	The description for the Management Unit Type attribute.		
23	MGMT_UNIT_ID_NM	NOT NULL	VARCHAR2(100)
	The description for the Management Unit identifier attribute of this entity. Note, descriptions are only available for Management Unit Types for which CODE_LIST_TABLE entries exist under column name MGMT_UNIT_XREF.		
24	CLIENT_NAME	NOT NULL	VARCHAR2(60)
	The name of a Ministry Client which is either a company or individual. The full corporate name if a corporation, the full registered name if a partnership, or the legal surname if an individual.		
25	APPRAISAL_MTHD_NM	NOT NULL	VARCHAR2(100)
	The description for the Appraisal Method Code attribute of this entity.		
26	SB_CATEGORY_NM	NOT NULL	VARCHAR2(100)
	The description for the Small Business Category Code attribute of this entity.		
27	ADM_DISTRICT_NM	NOT NULL	VARCHAR2(100)
	The name for the Administrative Forest District Code attribute of this entity.		
28	GEO_DISTRICT_NM	NOT NULL	VARCHAR2(100)
	The name for the Geographic Forest District Code attribute of this entity.		
29	ADM_REGION_NM	NOT NULL	VARCHAR2(100)
	The name for the Administrative Forest Region Code attribute of this entity.		

Indexes:

IN_ENT_DTE
- TIMBER_MARK
- ENTRY_DATE

IN_TEN_HIST
- ADM_DISTRICT_CD
- TIMBER_MARK
- ENTRY_DATE
- EXPIRY_DATE

UI_TN_HIS
- EXPIRY_DATE
- TIMBER_MARK

Table: TIMBER_MARK

Description:

Information about the timber cutting and moving permission for a timber tenure. For Private Timber Marks, the ministry does not grant cutting permission. For some Road Permits and Licences to Cut, no moving permission is granted. Otherwise, synonymous.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	VARCHAR2(6)

Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.

Indexes:

UI_TM
TIMBER_MARK

Table: TMARK_TSB_LINK

Description:

This table is used to link a TSB to a timber mark. This information is required to perform an appraisal against the mark. This is a temporary table to be used by Valuation Branch only.

Columns:

	Seq.	Column	Nulls?	Type
*	1	TIMBER_MARK	NOT NULL	VARCHAR2(6)
		Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
	2	TSB_ID	NOT NULL	VARCHAR2(1)
		The identification associated with a TSB for the specified timber mark. Usually A-Z inclusive.		

Foreign Keys:

TSBL_TM_FK
TIMBER_MARK = TIMBER_MARK.TIMBER_MARK

Indexes:

UI_TM_TL
TIMBER_MARK

Table: TTT_OTHRCST_TBL

Description:

The table of costs that are outside of the normal tree to truck phase but are an identified component. Typical values are horse logging and helicopter logging.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)
	Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".		
* 2	TTT_OTHR_COST_CODE	NOT NULL	VARCHAR2(3)
	A code to uniquely identify the tree to truck phase 'other' cost.		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the associated tree to truck 'other' cost becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the tree to truck other costs entry has been reviewed and approved.		
5	TTT_OTHRCST_DESC	NOT NULL	VARCHAR2(25)
	A textual description of the associated tree to truck 'other' cost.		
6	TTT_OTHRCST_CST_M3	NOT NULL	NUMBER(5,2)
	A per cubic meter allowance for the indicated tree to truck phase 'other' cost, when used.		

Foreign Keys:

TTTOC_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

UI_T_OTCT
ORG_UNIT_NO
TTT_OTHR_COST_CODE
EFFECTIVE_DATE

Table: WRD_SUBGRD_COST

Description:

This entity represents the subgrade costs for constructing a winter road.

Columns:

	Seq.	Column	Nulls?	Type
*	1	UPHLL_SD_SLOPE_MAX	NOT NULL	NUMBER(5)
		The upper percentage value of the side slope to determine the cost to subgrade a road.		
*	2	EFFECTIVE_DATE	NOT NULL	DATE
		The date on which the associated winter road subgrade cost entry becomes effective.		
	3	COMMITTED_IND	NOT NULL	VARCHAR2(1)
		An indication as to whether or not the winter road subgrade cost entry has been reviewed and approved.		
	4	SUBGRADE_COST_KM	NOT NULL	NUMBER(9,2)
		The estimate cost per kilometer for subgrade construction.		

Indexes:

UI_WD_SCT
- UPHLL_SD_SLOPE_MAX
- EFFECTIVE_DATE