Entity and Attribute Definitions Report

Run by:	CASEOWNER
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Total Pages:	151
Total Entities:	102

Parameters

Application:	VRIMS
Entities:	%
ER Diagram:	%
Include Entity Notes?	Y
Include Attribute Descriptions?	Y
Include Attribute Notes?	Y
Include Attribute Values?	Y
Include Table of Contents?	N
Include Index of Entities?	Y

Entity Name: ADJUSTMENT ATTRIBUTE CODE *Short Name:* AAC

Plural: ADJUSTMENT ATTRIBUTE CODE

Init. Volume: 22 *Avg. Volume:* 25 *Max. Volume:* 30 *Annual Growth Rate:* 5%

Description:

A code table list of data attributes that can be adjusted by staging and adjustment business area processes.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ADJUSTMENT ATTRIBUTE CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of a factor that can be adjusted.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE grouped by one or more ADJUSTMENT ATTRIBUTE SET ADJ

MAY BE grouped by one or more ADJUSTMENT ATTRIBUTE SET STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

AAC PK *Primary* *Y*

ADJUSTMENT ATTRIBUTE CODE

Entity Name: ADJUSTMENT ATTRIBUTE SET ADJUSTE *Short Name:* ASA

Plural: ADJUSTMENT ATTRIBUTE SET ADJ

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

An intersecting entity representing a set of attributes to which the adjustment factors have been applied, resulting in the adjusted business area values for this polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ADJUSTMENT ATTRIB SET ADJ ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary numeric identifier for the set of attributes being adjusted.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE adjusts as group one and only one ADJUSTMENT ATTRIBUTE CODE

MUST BE group for one and only one ADJUSTMENT FACTOR ADJUSTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

ASA UK *Primary N*

MUST BE adjusts as group one and only one ADJUSTMENT ATTRIBUTE CODE
MUST BE group for one and only one ADJUSTMENT FACTOR ADJUSTED

ASA PK *Primary Y*

ADJUSTMENT ATTRIB SET ADJ ID

Entity Name: ADJUSTMENT ATTRIBUTE SET STAGING *Short Name:* AAS

Plural: ADJUSTMENT ATTRIBUTE SET STG

Init. Volume: 30000 *Avg. Volume:* 30000 *Max. Volume:* 120000 *Annual Growth Rate:* 0%

Description:

An intersecting entity representing a set of attributes to which the adjustment factors have been applied, resulting in the staging business area values for this polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ADJUSTMENT ATTRIB SET STG ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary numeric identifier for the set of attributes being adjusted.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE adjusts as group one and only one ADJUSTMENT ATTRIBUTE CODE

MUST BE applied to one and only one ADJUSTMENT FACTOR STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

AAS UK *Primary N*

MUST BE adjusts as group one and only one ADJUSTMENT ATTRIBUTE CODE
MUST BE applied to one and only one ADJUSTMENT FACTOR STAGING

AAS PK *Primary Y*

ADJUSTMENT ATTRIB SET STG ID

Entity Name: ADJUSTMENT FACTOR ADJUSTED

Short Name: AFA

Plural: ADJUSTMENT FACTOR ADJUSTED

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

Details adjustment factors or coefficients that are used to adjust an adjustment attribute. The factor values are used as variables in established calibration fomulas to map raw (generic) sensor data to a useful values in a human-understandable measurement system.

Eg. if the sensor captures a height as 100 (according to its current calibration), a coefficient (factor A for argument sake) of 1.134 may be applied to transform the height into metres, or 3.72 (factor B for argument sake) to transform the 100 into feet.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ADJUSTMENT FACTOR ADJUSTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary numeric identifier for the adjustment factor.				
	FACTOR A	NUMERIC PRECISION	Y	NUMBER	10,4
	The first factor (coefficient) used to adjust an attribute.				
	FACTOR B	NUMERIC PRECISION	Y	NUMBER	10,4
	The second factor (coefficient) used to adjust an attribute.				
	FACTOR C	NUMERIC PRECISION	Y	NUMBER	10,4
	The third factor (coefficient) used to adjust an attribute.				
	FACTOR K	NUMERIC PRECISION	Y	NUMBER	10,4
	The fourth factor (coefficient) used to adjust an attribute.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE adjusts one and only one TREE COVER LAYER ADJUSTED

or MUST BE adjusted by factor one and only one VEGETATION COVER POLYGON ADJUSTED

or MUST BE adjusts one and only one TREE SPECIES ADJUSTED

MAY BE applied to one or more ADJUSTMENT ATTRIBUTE SET ADJ

** = Relationships in primary unique identifier.*

Unique Identifiers:

AFA PK *Primary* *Y*

ADJUSTMENT FACTOR ADJUSTED ID

Entity Name: ADJUSTMENT FACTOR STAGING *Short Name:* AFS

Plural: ADJUSTMENT FACTOR STAGING

Init. Volume: 30000 *Avg. Volume:* 30000 *Max. Volume:* 120000 *Annual Growth Rate:* 0%

Description:

Details adjustment factors or coefficients that are used to adjust a staging attribute. The factor values are used as variables in established calibration fomulas to map raw (generic) sensor data to a useful values in a human-understandable measurement system.

Eg. if the sensor captures a height as 100 (according to its current calibration), a coefficient (factor A for argument sake) of 1.134 may be applied to transform the height into metres, or 3.72 (factor B for argument sake) to transform the 100 into feet.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ADJUSTMENT FACTOR STAGING ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary numeric identifier for the adjustment factor.				
	FACTOR A	NUMERIC PRECISION	Y	NUMBER	10,4
	The first factor (coefficient) used to adjust an attribute.				
	FACTOR B	NUMERIC PRECISION	Y	NUMBER	10,4
	The second factor (coefficient) used to adjust an attribute.				
	FACTOR C	NUMERIC PRECISION	Y	NUMBER	10,4
	The third factor (coefficient) used to adjust an attribute.				
	FACTOR K	NUMERIC PRECISION	Y	NUMBER	10,4
	The fourth factor (coefficient) used to adjust an attribute.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE adjusts one and only one TREE COVER LAYER STAGING
or MUST BE adjusts one and only one TREE SPECIES STAGING
or MUST BE adjusts one and only one VEGETATION COVER POLYGON STAGING
MAY BE group for one or more ADJUSTMENT ATTRIBUTE SET STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

AFS PK *Primary* *Y*

ADJUSTMENT FACTOR STAGING ID

Entity Name: ADJUSTMENT INPUT ADJUSTED *Short Name:* AIA

Plural: ADJUSTMENT INPUT ADJUSTED

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

This provides additional adjustment data to clients running against the VRIMS adjusted data. This entity acts as temporary storage where adjustment inputs can be entered that will ultimately override actual data values in the core data entities, for a single run of an adjustment. This data is provided to VDYP when it is run, which uses these values instead of the actual data.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ADJUSTMENT INPUT ADJUSTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for a VRI Adjusted Input.				
	LOREY HEIGHT	HEIGHT - LOREY	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is required to project the polygon. This is the height in meters of the tree of average basal area.				
	BASAL AREA 12.5CM	BASAL AREA	Y	NUMBER	10,6
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description needed to project the polygon. This basal area is the total cross sectional area, at 1.3 metres height, in square meters per hectare				
	WHOLE STEM VOLUME 7.5CM	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is required to project the polygon. This volume is the whole stem volume in cubic metres per hectare for all living trees above 7.5+cm dbh.				
	WHOLE STEM VOLUME 12.5CM	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is required to project the polygon. This volume is the whole stem volume in cubic metres per hectare for all living trees above 12.5+cm dbh.				
	CLOSE UTIL VOLUME 12.5CM	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is rquired to project the polygon. This volume is the whole stem volume net stumps and tops in cubic metres per hectare.				
	CLOSE UTIL NET DECAY VOLUME	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is needed to project the polygon. This volume is the whole stem volume net stumps and tops, and decay, in cubic metres per hectare. Adjusted Close Utilization Volume Net Decay at 12.5+ dbh.				
	CLOSE UTIL NET WASTE VOLUME	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is required to project the polygon. This volume is the whole stem volume net for utilization, decay and waste in cubic metres.				
	INPUT MODE	INPUT - VRIADJST MODE	Y	VARCHAR2	10
	The input mode as used by VRIADJST, a VDYP7 program that modifies the stand description that is needed to project the polygon.				
	VRI ADJST LAYER ID	NUMERIC IDENTIFIER	Y	NUMBER	10
	Represents a layer that is to be adjusted by VDYP7's VRIADJST application. When provided, the layer will override the actual layer value of the adjustment.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

Entity Name: ADJUSTMENT INPUT ADJUSTED (cont'd) *Short Name:* AIA

UPDATE USERID	AUDIT USERID	N	VARCHAR2	30

Updated by userid

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE provides an adjustment for one and only one VEGETATION COVER POLYGON ADJUSTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

AIA PK *Primary* *Y*

ADJUSTMENT INPUT ADJUSTED ID

Entity Name: ADJUSTMENT INPUT STAGING

Short Name: AIS

Plural: ADJUSTMENT INPUT STAGING

Init. Volume: 30000 *Avg. Volume:* 30000 *Max. Volume:* 120000 *Annual Growth Rate:* 0%

Description:

This provides additional adjustment data to clients running against the VRIMS staging data. This entity acts as temporary storage where adjustment inputs can be entered that will ultimately override actual data values in the core data entities, for a single run of an adjustment. This data is provided to VDYP when it is run, which uses these values instead of the actual data.

Attributes:

	Name	Domain	Opt	Format	Length
*	ADJUSTMENT INPUT STAGING ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for a (staging area) VRI Adjusted Input.				
	LOREY HEIGHT	HEIGHT - LOREY	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is required to project the polygon. This is the height in meters of the tree of average basal area.				
	BASAL AREA 12.5CM	BASAL AREA	Y	NUMBER	10,6
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description needed to project the polygon. This basal area is the total cross sectional area, at 1.3 metres height, in square meters per hectare				
	WHOLE STEM VOLUME 7.5CM	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is required to project the polygon. This volume is the whole stem volume in cubic metres per hectare for all living trees above 7.5+cm dbh.				
	WHOLE STEM VOLUME 12.5CM	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is required to project the polygon. This volume is the whole stem volume in cubic metres per hectare for all living trees above 12.5+cm dbh.				
	CLOSE UTIL VOLUME 12.5CM	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is rquired to project the polygon. This volume is the whole stem volume net stumps and tops in cubic metres per hectare.				
	CLOSE UTIL NET DECAY VOLUME	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is needed to project the polygon. This volume is the whole stem volume net stumps and tops, and decay, in cubic metres per hectare.				
	CLOSE UTIL NET WASTE VOLUME	VOLUME	Y	NUMBER	9,5
	This is a statistically adjusted attribute that is input to VRIADJST, a VDYP7 program that modifies the stand description that is required to project the polygon. This volume is the whole stem volume net for utilization, decay and waste in cubic metres.				
	INPUT MODE	INPUT - VRIADJST MODE	Y	VARCHAR2	10
	The input mode as used by VRIADJST, a VDYP7 program that modifies the stand description that is needed to project the polygon.				
	VRI ADJST LAYER ID	NUMERIC IDENTIFIER	Y	NUMBER	10
	Represents a layer that is to be adjusted by VDYP7's VRIADJST application. When provided, the layer will override the actual layer value of the adjustment.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30

Entity Name: ADJUSTMENT INPUT STAGING (cont'd) *Short Name:* AIS

Updated by userid

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE is adjusted by one and only one VEGETATION COVER POLYGON STAGING

* = *Relationships in primary unique identifier.*

Unique Identifiers:

AIS PK *Primary Y*

ADJUSTMENT INPUT STAGING ID

Entity Name: ADJUSTMENT PROJECT ADJUSTED *Short Name:* APA

Plural: ADJUSTMENT PROJECT ADJUSTED

Init. Volume: 1000 *Avg. Volume:* 1050 *Max. Volume:* 1100 *Annual Growth Rate:* 5%

Description:

Provides additional project and software information for the polygons being adjusted.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ADJUSTMENT PROJECT ADJUSTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Unit adjustment project version.				
	PROJECT NAME	PROJECT NAME	Y	VARCHAR2	100
	Textual description of how the project id was identified.				
	AGENCY CODE	CODETABLE CODE	Y	VARCHAR2	10
	The agency for which the adjustment project is being completed.				
	VDYP VERSION	VERSION NUMBER	Y	VARCHAR2	5
	The version for VDYP at the time of the adjustment/projection of the polygon data.				
	SINDEX VERSION	VERSION NUMBER	Y	VARCHAR2	5
	The version of the software used to adjust/project the polygon data.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE has strata one or more STRATA ADJUSTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

APA PK *Primary* *Y*

ADJUSTMENT PROJECT ADJUSTED ID

Entity Name: ADJUSTMENT PROJECT STAGING *Short Name:* APS

Plural: ADJUSTMENT PROJECT STAGING

Init. Volume: 1000 *Avg. Volume:* 1050 *Max. Volume:* 1100 *Annual Growth Rate:* 0%

Description:

Provides additional project and software information for the polygons being staged.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ADJUSTMENT PROJECT STAGING ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Unit adjustment project version.				
	PROJECT NAME	PROJECT NAME	Y	VARCHAR2	100
	Textual description of how the project id was identified.				
	AGENCY CODE	CODETABLE CODE	Y	VARCHAR2	10
	The agency for which the adjustment project is being completed.				
	VDYP VERSION	VERSION NUMBER	Y	VARCHAR2	5
	The version for VDYP at the time of the adjustment/projection of the polygon data.				
	SINDEX VERSION	VERSION NUMBER	Y	VARCHAR2	5
	The version of the software used to adjust/project the polygon data.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE has strata one or more STRATA STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

APS PK *Primary Y*

ADJUSTMENT PROJECT STAGING ID

Entity Name: ALPINE DESIGNATION CODE *Short Name:* ADC

Plural: ALPINE DESIGNATION CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

This maintains the codes for alpine designations. Alpine Designation pertains to one category of landscape position (the third level of the B.C. Land Cover Classification Scheme). It describes an interpretation as to whether the tree unit is above or below the tree line, that is, the upper elevation limit of continuous tree, or potential tree if cut- over, cover. Alpine designation contributes to the framework for delineation of ecosystems and habitat.

Eg. A - Alpine
N - Not Alpine

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ALPINE DESIGNATION CODE	CODETABLE CODE	N	VARCHAR2	10
	Alpine designation pertains to one category of landscape position (the third level of the B.C. Land Cover Classification Scheme). It describes an interpretation as to whether the tree unit is above or below the tree line, that is, the upper elevation limit of continuous tree, or potential tree if cut- over, cover. Alpine designation contributes to the framework for delineation of ecosystems and habitat.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE alpine designation for one or more VEGETATION COVER POLYGON ADJ
MAY BE alpine designation for one or more VEGETATION COVER POLYGON EST
MAY BE alpine designation for one or more VEGETATION COVER POLYGON PRJ
MAY BE designation for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

ADC PK *Primary* *Y*

ALPINE DESIGNATION CODE

Entity Name: BCLCS LEVEL1 CODE *Short Name:* BLC1

Plural: BCLCS LEVEL1 CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 5 *Annual Growth Rate:* 10%

Description:

The code list for the first level of land cover classification. The codes are approved by the Resource Inventory Committee, RIC. Level 1 identifies a Vegetated or Non-vegetated state, with further dichotomous refinement to Level 5, which identifies the Vegetation Density Class related to Vegetated land, or specific Non-vegetated state cover such as beaches, mudflats etc.

Eg. N - Non-Vegetated
U - Unreported
V - Vegetated

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	BCLCS LEVEL1 CODE	CODETABLE CODE	N	VARCHAR2	10
	The first level of the BC Land Cover Classification Scheme classifies the presence or absence of vegetation within the boundaries of the polygon. Presence or absence is recognized by the vertical projection of vegetation upon the land base within the polygon.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE first BCLCS level for one or more VEGETATION COVER POLYGON ADJ
MAY BE first BCLCS level for one or more VEGETATION COVER POLYGON EST
MAY BE first BCLCS level for one or more VEGETATION COVER POLYGON PRJ
MAY BE first BCLCS level for one or more VEGETATION COVER POLYGON STG

* = *Relationships in primary unique identifier.*

Unique Identifiers:

BLC1 PK *Primary* *Y*

BCLCS LEVEL1 CODE

Entity Name: BCLCS LEVEL2 CODE *Short Name:* BLC2

Plural: BCLCS LEVEL2 CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 5 *Annual Growth Rate:* 10%

Description:

The code list for the second level of land cover classification. Classifies the polygon as to the land cover type: treed or non-treed for vegetated polygons; land or water for non-vegetated polygons.

Eg. L - Land
N - Non-Treed
T - Treed
W - Water

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	BCLCS LEVEL2 CODE	CODETABLE CODE	N	VARCHAR2	10
	The second level of the BC Land Cover Classification Scheme classifies the polygon as to the land cover type: treed or non-treed for vegetated polygons; land or water for non-vegetated polygons.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE second BCLCS level for one or more VEGETATION COVER POLYGON ADJ
MAY BE second BCLCS level for one or more VEGETATION COVER POLYGON EST
MAY BE second BCLCS level for one or more VEGETATION COVER POLYGON PRJ
MAY BE second BCLCS level for one or more VEGETATION COVER POLYGON STG

* = *Relationships in primary unique identifier.*

Unique Identifiers:

BLC2 PK *Primary* *Y*

BCLCS LEVEL2 CODE

Entity Name: BCLCS LEVEL3 CODE *Short Name:* BLC3

Plural: BCLCS LEVEL3 CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 5 *Annual Growth Rate:* 10%

Description:

The code list for the third level of land cover classification. The location of the polygon relative to elevation and drainage, and is described as either alpine, wetland, or upland. In rare cases, the polygon may be alpine wetland.

Eg. A - Alpine
U - Upland
W - Wetland

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	BCLCS LEVEL3 CODE	CODETABLE CODE	N	VARCHAR2	10
	The third level of the BC Land Cover Classification Scheme classifies the polygon as to the the location of the polygon relative to elevation and drainage, and is described as either alpine, wetland, or upland. In rare cases, the polygon may be alpine wetland.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE third BCLCS level for one or more VEGETATION COVER POLYGON ADJ
MAY BE third BCLCS level for one or more VEGETATION COVER POLYGON EST
MAY BE third BCLCS level for one or more VEGETATION COVER POLYGON PRJ
MAY BE third BCLCS level for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

BLC3 PK *Primary* *Y*

BCLCS LEVEL3 CODE

Entity Name: BCLCS LEVEL4 CODE *Short Name:* BLC4

Plural: BCLCS LEVEL4 CODE

Init. Volume: 15 *Avg. Volume:* 15 *Max. Volume:* 15 *Annual Growth Rate:* 10%

Description:

The code list for the fourth level of land cover classification. Classifies the vegetation types and Non-Vegetated cover types (as described by the presence of distinct types upon the land base within the polygon).

Eg. BL - Bryoid - Lichens
BM - Bryoid - Moss
BY - Bryoids
EL - Exposed Land
HE - Herb
HF - Herb - Forbs
HG - Herb - Graminoids
RO - Rock/Rubble
SI - Snow/Ice
SL - Shrub - Low
ST - Shrub - Tall
TB - Treed - Broadleaf
TC - Treed - Coniferous
TM - Treed - Mixed

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	BCLCS LEVEL4 CODE	CODETABLE CODE	N	VARCHAR2	10
	The fourth level of the BC Land Cover Classification Scheme classifies the vegetation types and Non-Vegetated cover types (as described by the presence of distinct types upon the land base within the polygon).				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE fourth BCLCS level for one or more VEGETATION COVER POLYGON ADJ
MAY BE fourth BCLCS level for one or more VEGETATION COVER POLYGON EST
MAY BE fourth BCLCS level for one or more VEGETATION COVER POLYGON PRJ
MAY BE fourth BCLCS level for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

BLC4 PK *Primary* *Y*

BCLCS LEVEL4 CODE

Entity Name: BCLCS LEVEL5 CODE *Short Name:* BLC5

Plural: BCLCS LEVEL5 CODE

Init. Volume: 40 *Avg. Volume:* 40 *Max. Volume:* 40 *Annual Growth Rate:* 10%

Description:

The code list for the fifth level of land cover classification. Classifies the vegetation density classes and Non-Vegetated categories.

Eg. AP - Airport
BE - Beach
BI - Blockfield
BR - Bedrock
BU - Burned Area
CB - Cutbank
CL - Closed
DE - Dense
ES - Exposed Soils
GL - Glacier
GP - Gravel Pit
LA - Lake
LB - Lava Bed
LL - Landing
LS - Pond or Lake Sediments
MI - Open Pit Mine
MN - Moraine
MU - Mudflat Sediment
MZ - Rubbly Mine Spoils
OC - Ocean
OP - Open
OT - Other
PN - Snow Cover
RE - Reservoir
RI - River/Stream
RM - Reservoir Margin
RN - Railway Surface
RS - River Sediments
RZ - Road Surface
SP - Sparse
TA - Talus
TZ - Tailings
UR - Urban

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	BCLCS LEVEL5 CODE	CODETABLE CODE	N	VARCHAR2	10
	The fifth level of the BC Land Cover Classification Scheme classifies the vegetation density classes and Non-Vegetated categories.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Entity Name: BCLCS LEVEL5 CODE (cont'd) *Short Name:* BLC5

Each Occurrence Of This Entity:

MAY BE fifth BCLCS level for one or more VEGETATION COVER POLYGON ADJ
MAY BE fifth BCLCS level for one or more VEGETATION COVER POLYGON EST
MAY BE fifth BCLCS level for one or more VEGETATION COVER POLYGON PRJ
MAY BE fifth BCLCS level for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

BLC5 PK *Primary* *Y*

BCLCS LEVEL5 CODE

Entity Name: BEC ZONE CODE

Short Name: BZC

Plural: BEC ZONE CODE

Init. Volume: 15 *Avg. Volume:* 20 *Max. Volume:* 25 *Annual Growth Rate:* 10%

Description:

A list of codes for the Biogeoclimatic Classification System. This is a method to classify and manage sites on an ecosystem-specific basis. There are 14 Together, the three levels Bio, Geo and Climatic are used to classify any site in BC into an ecosystem.

Eg. AT - Alpine Tundra
BG - Bunchgrass
BWBS - Boreal White and Black Spruce
CDF - Coastal Douglas Fir
CWH - Coastal Western Hemlock
ESSF - Engelmann Spruce - Subalpine Fir
ICH - Interior Cedar - Hemlock
IDF - Interior Douglas Fir
MH - Mountain Hemlock
MS - Montane Spruce
PP - Ponderosa Pine
SBPS - Sub-Boreal Pine - Spruce
SBS - Sub-Boreal Spruce
SWB - Spruce - Willow - Birch

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	BEC ZONE CODE	CODETABLE CODE	N	VARCHAR2	10
	Biogeoclimatic Classification System is a method to classify and manage sites on an ecosystem-specific basis. There are 14 Together, the three levels Bio, Geo and Climatic are used to classify any site in BC into an ecosystem. In British Columbia, there are 14 Biogeoclimatic zones identified.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE BEC Zone for one or more VEGETATION COVER POLYGON ADJ
MAY BE bec zone for one or more VEGETATION COVER POLYGON EST
MAY BE BEC Zone for one or more VEGETATION COVER POLYGON PRJ
MAY BE BEC zone for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

BZC PK *Primary Y*

BEC ZONE CODE

Entity Name: COVER PATTERN CODE *Short Name:* CP

Plural: COVER PATTERN CODE

Init. Volume: 10 *Avg. Volume:* 10 *Max. Volume:* 20 *Annual Growth Rate:* 10%

Description:

A list of codes that descibes the cover pattern code that describes the spatial distribution of the species within the polygon.

Eg. 0 - None
1 - Single To Very Few Occurrences Of Limited Extent, Circular To Irregular Shape
2 - Single To Very Few Occurrences Of Limited Extent, Linear Or Elongated Shape
3 - Several Sporadic Occurrences Of Limited Extent, Circular To Irregular Shape
4 - Several Sporadic Occurrences Of Limited Extent, Linear Or Elongated Shape
5 - Intimately Intermixed Units, Often With Gradational Transitions From One To The Other
6 - Discontinuous But Extensive Occurrences, Parallel To Sub-Parallel Elongated In Shape
7 - Limited Continuous Occurrence With Few Inclusions
8 - Continuous Occurrence With Several Inclusions.
9 - Continuous Occurrence With Very Few Inclusions

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	COVER PATTERN CODE	CODETABLE CODE	N	VARCHAR2	10
	A code that describes the spatial distribution of the species within the polygon. Examples include clumps of herbaceous species on rocky outcrops, scattered patches or individual trees or solid, continuous cover.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE non veg cover pattern for one or more NON VEGETATIVE COVER ADJ
MAY BE non veg cover pattern for one or more NON VEGETATIVE COVER EST
MAY BE non veg cover pattern for one or more NON VEGETATIVE COVER PRJ
MAY BE non veg cover pattern for one or more NON VEGETATIVE COVER STG
MAY BE tree cover pattern for one or more TREE COVER LAYER ADJUSTED
MAY BE tree cover pattern for one or more TREE COVER LAYER ESTIMATED
MAY BE tree cover pattern for one or more TREE COVER LAYER PROJECTED
MAY BE tree cover pattern for one or more TREE COVER LAYER STAGING
MAY BE herb cover pattern for one or more VEGETATION COVER POLYGON ADJ
MAY BE shrub pattern for one or more VEGETATION COVER POLYGON ADJ
MAY BE herb cover pattern for one or more VEGETATION COVER POLYGON EST
MAY BE shrub pattern for one or more VEGETATION COVER POLYGON EST
MAY BE herb cover pattern for one or more VEGETATION COVER POLYGON PRJ
MAY BE shrub pattern for one or more VEGETATION COVER POLYGON PRJ
MAY BE herb pattern for one or more VEGETATION COVER POLYGON STG
MAY BE shrub pattern for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Entity Name: COVER PATTERN CODE (cont'd) *Short Name:* CP

Unique Identifiers:

HCP PK *Primary* *Y*

COVER PATTERN CODE

Entity Name: DATA CAPTURE METHOD CODE *Short Name:* DCMC

Plural: DATA CAPTURE METHOD CODE

Init. Volume: 20 *Avg. Volume:* 30 *Max. Volume:* 40 *Annual Growth Rate:* 10%

Description:

A list of codes that identify the method of capture for the feature.

Eg. 0 - Not Accounted For
1 - Landsat5
2 - Landsat7
3 - SPOT
4 - Photogrammetric
5 - Differential GPS
6 - Non-Differential GPS
7 - Digitizing
8 - Scanning
9 - Monorestitution
10 - Tight Chaining
11 - Results
12 - Other

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DATA CAPTURE METHOD CODE	CODETABLE CODE	N	VARCHAR2	10
	A code to identify the method of capture for the feature. d.g. DIGI - Digitized.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE describes data capture for one or more DISTURBANCE EVENT

MAY BE data capture method for one or more FOREST COVER OBJECT

MAY BE method of data capture for one or more FOREST COVER OBJECT STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

DCMC PK *Primary* *Y*

DATA CAPTURE METHOD CODE

Entity Name: DATA SOURCE AGE CODE *Short Name:* DSAC

Plural: DATA SOURCE AGE CODE

Init. Volume: 25 *Avg. Volume:* 30 *Max. Volume:* 40 *Annual Growth Rate:* 10%

Description:

A list of codes for the source of data used for the interpretation of age and the derivation of the year of origin.

Eg. 0 - Photo-interpretation
1 - Aircall, High Level Observation
2 - Aircall, Low Level Observation
3 - Phase 1 photo sample (pre-1990)
4 - Inventory Ground Call
5 - Standard fixed radius sample (pre-1979)
6 - Phase 2 or Phase 3 sample (pre-1990)
7 - Silviculture Survey
8 - Ground Observation
9 - Research plots (e.g. Sx trials, ecological site description)
10 - Valuation cruise plot(s)
11 - A record from a silv.information system that summarizes the stand structure following an activity or treatment.
12 - Disturbance which is classified as NSR. No additional information other than type & year of distrubance.
13 - Managed stand sample
14 - Ground call, 2 or more points
15 - Null
16 - Vegetation sample
17 - Vegetation ground call
18 - Vegetation air call
19 - Natural growth sample
20 - Volume and depletion sample
22 - Photogrammetrically captured information

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DATA SOURCE AGE CODE	CODETABLE CODE	N	VARCHAR2	10
	The source of data used for the interpretation of age and the derivation of the year of origin.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE source age for one or more TREE SPECIES ADJUSTED
MAY BE age sourced for one or more TREE SPECIES ESTIMATED
MAY BE source age for one or more TREE SPECIES PROJECTED
MAY BE source age for one or more TREE SPECIES STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

DSAC PK *Primary Y*

DATA SOURCE AGE CODE

Entity Name: DATA SOURCE BASAL AREA CODE *Short Name:* DBAC

Plural: DATA SOURCE BASAL AREA CODE

Init. Volume: 25 *Avg. Volume:* 30 *Max. Volume:* 40 *Annual Growth Rate:* 10%

Description:

A list of codes for the source of data used for the interpretation of the basal area.

Eg. 0 - Photo Interpretation
1 - Aircall, High Level Observation
2 - Aircall, Low Level Observation
3 - Phase 1 photo sample(pre-1990)
4 - Inventory Ground Call
5 - Standard fixed radius sample(pre-1979)
6 - Phase 2 or Phase 3 sample (pre-1990)
7 - Silviculture Survey 8, Ground Observation
9 - Research plots(e.g. Sx trials, ecological site description)
10 - Valuation Cruise Plot(s)
11 - A record from a silv.information system that summarizes the stand structure following an activity or treatment.
12 - Disturbance which is classified as NSR. No additional information other than type & year of distrubance.
13 - Managed stand sample
14 - Ground call, 2 or more points
16 - Vegetation sample
17 - Vegetation ground call
18 - Vegetation air call
19 - Natural growth sample
20 - Volume and depletion sample

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DATA SOURCE BASAL AREA CODE	CODETABLE CODE	N	VARCHAR2	10
	The source of data used for the interpretation of the basal area.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE basal area for one or more TREE COVER LAYER ADJUSTED

MAY BE source of basal area for one or more TREE COVER LAYER ESTIMATED

MAY BE basal area data source for one or more TREE COVER LAYER PROJECTED

MAY BE basal area source for one or more TREE COVER LAYER STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

DBAC PK *Primary* *Y*

DATA SOURCE BASAL AREA CODE

Entity Name: DATA SOURCE ECOSYS CLASS CODE *Short Name:* DSEC

Plural: DATA SOURCE ECOSYS CLASS CODE

Init. Volume: 25 *Avg. Volume:* 30 *Max. Volume:* 40 *Annual Growth Rate:* 10%

Description:

A list of codes that describes the source of the data used in the interpretation of the ecological attributes (SURFACE EXPRESSION, MODIFYING PROCESS, SITE POSITION MESO, ALPINE DESIGNATION, and SOIL NUTRIENT REGIME) that describe the polygon.

Eg. 0 - Photo-interpretation
1 - Aircall, High Level Observation
2 - Aircall, Low Level Observation
3 - Phase 1 photo sample (pre-1990)
4 - Inventory Ground Call
5 - Standard fixed radius sample (pre-1979)
6 - Phase 2 or Phase 3 sample (pre-1990)
7 - Silviculture Survey
8 - Ground Observation
9 - Research plots (e.g. Sx trials, ecological site description)
10 - Valuation cruise plot(s)
11 - A record from a silv.information system that summarizes the stand structure following an activity or treatment.
12 - Disturbance which is classified as NSR. No additional information other than type & year of distrubance.
14 - Ground call, 2 or more points
16 - Vegetation sample
17 - Vegetation ground call
18 - Vegetation air call

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DATA SOURCE ECOSYS CLASS CODE	CODETABLE CODE	N	VARCHAR2	10
	The source of the data used in the interpretation of the ecological attributes (SURFACE EXPRESSION, MODIFYING PROCESS, SITE POSITION MESO, ALPINE DESIGNATION, and SOIL NUTRIENT REGIME) that describe the polygon.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE ecosystem data source for one or more VEGETATION COVER POLYGON ADJ

MAY BE ecosystem class source for one or more VEGETATION COVER POLYGON EST

MAY BE ecosystem class data source for one or more VEGETATION COVER POLYGON PRJ

MAY BE ecosytem class data source for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

DSEC PK *Primary* *Y*

DATA SOURCE ECOSYS CLASS CODE

Entity Name: DATA SOURCE HEIGHT CODE *Short Name:* DSHC

Plural: DATA SOURCE HEIGHT CODE

Init. Volume: 25 *Avg. Volume:* 30 *Max. Volume:* 40 *Annual Growth Rate:* 10%

Description:

A list of codes for the source of data used for the interpretation of height.

Eg. 0 - Photo-interpretation
1 - Aircall, High Level Observation
2 - Aircall, Low Level Observation
3 - Phase 1 photo sample (pre-1990)
4 - Inventory Ground Call
5 - Standard fixed radius sample (pre-1979)
6 - Phase 2 or Phase 3 sample (pre-1990)
7 - Silviculture Survey
8 - Ground Observation
9 - Research plots (e.g. Sx trials, ecological site description)
10 - Valuation cruise plot(s)
11 - A record from a silv.information system that summarizes the stand structure following an activity or treatment.
12 - Disturbance which is classified as NSR. No additional information other than type & year of distrubance.
13 - Managed stand sample
14 - Ground call, 2 or more points
15 - Null
16 - Vegetation sample
17 - Vegetation ground call
18 - Vegetation air call
19 - Natural growth sample
20 - Volume and depletion sample
22 - Photogrammetrically captured information

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DATA SOURCE HEIGHT CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation for the source of data used for the interpretation of height.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Description of the source of data used for the interpretation of height.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE source height for one or more TREE SPECIES ADJUSTED
MAY BE source of height for one or more TREE SPECIES ESTIMATED
MAY BE source height for one or more TREE SPECIES PROJECTED
MAY BE source height for one or more TREE SPECIES STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

DSHC PK *Primary Y*

DATA SOURCE HEIGHT CODE

Entity Name: DATA SOURCE INTERPRETED CODE *Short Name:* DSIC

Plural: DATA SOURCE INTERPRETED CODE

Init. Volume: 25 *Avg. Volume:* 30 *Max. Volume:* 40 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the origin of the information that contributed to the determination of the VRI attributes.

Eg. 0 - Photo Interpretation
1 - Aircall, High Level Observation
2 - Aircall, Low Level Observation
3 - Phase 1 photo sample(pre-1990)
4 - Inventory Ground Call
5 - Standard fixed radius sample(pre-1979)
6 - Phase 2 or Phase 3 sample (pre-1990)
7 - Silviculture Survey
8 - Ground Observation
9 - Research plots(e.g. Sx trials, ecological site description)
10 - Valuation Cruise Plot(s)
11 - A record from a silv.information system that summarizes the stand structure following an activity or treatment.
12 - Disturbance which is classified as NSR. No additional information other than type & year of disturbance.
13 - Managed stand sample
14 - Ground call, 2 or more points
16 - Vegetation sample
17 - Vegetation ground call
18 - Vegetation air call
19 - Natural growth sample
20 - Volume and depletion sample
22 - Photogrammetrically captured information
71 - Free Growing Survey
72 - Conditional Free Growing
73 - Not Free Growing
74 - Pre-Stand Tending
75 - Naturally Regenerated

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DATA SOURCE INTERPRETED CODE	CODETABLE CODE	N	VARCHAR2	10
	A code describing the origin of the information that contributed to the determination of the VRI attributes.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE interpreted data source for one or more TREE COVER LAYER ADJUSTED
MAY BE interpreted data source for one or more TREE COVER LAYER ESTIMATED
MAY BE interpreted data source for one or more TREE COVER LAYER PROJECTED
MAY BE interpreted data source for one or more TREE COVER LAYER STAGING

** = Relationships in primary unique identifier.*

Entity Name: DATA SOURCE INTERPRETED CODE (cont'd) *Short Name:* DSIC

Unique Identifiers:

DSIC PK *Primary* *Y*

DATA SOURCE INTERPRETED CODE

Entity Name: DATA SRC VRI LIVE STEM HA CODE *Short Name:* DSSH

Plural: DATA SRC VRI LIVE STEM HA CODE

Init. Volume: 25 *Avg. Volume:* 30 *Max. Volume:* 40 *Annual Growth Rate:* 10%

Description:

A list of codes for the source of the data that was used for the interpretation of the VRI live stems per hectare, or stand density.

Eg. 0 - Photo Interpretation
1 - Aircall, High Level Observation
10 - Valuation Cruise Plot(s)
11 - A record from a silv.information system that summarizes the stand structure following an activity or treatment.
12 - Disturbance which is classified as NSR. No additional information other than type & year of distrubance.
13 - Managed stand sample
14 - Ground call, 2 or more points
16 - Vegetation sample
17 - Vegetation ground call
18 - Vegetation air call
19 - Natural growth sample
2 - Aircall, Low Level Observation
20 - Volume and depletion sample
3 - Phase 1 photo sample(pre-1990)
4 - Inventory Ground Call
5 - Standard fixed radius sample(pre-1979)
6 - Phase 2 or Phase 3 sample (pre-1990)
7 - Silviculture Survey 8, Ground Observation
9 - Research plots(e.g. Sx trials, ecological site description)

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DATA SRC VRI LIVE STEM HA CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of the source of the data that was used for the interpretation of the VRI live stems per hectare, or stand density.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Description of the source of the data that was used for the interpretation of the VRI live stems per hectare, or stand density.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE stems per ha for one or more TREE COVER LAYER ADJUSTED

MAY BE source of stems per ha for one or more TREE COVER LAYER ESTIMATED

MAY BE stems per ha data source for one or more TREE COVER LAYER PROJECTED

MAY BE source of stems per ha for one or more TREE COVER LAYER STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

DSSH PK *Primary* *Y*

DATA SRC VRI LIVE STEM HA CODE

Entity Name: DISTURBANCE EVENT

Short Name: DE

Plural: DISTURBANCE EVENT

Init. Volume: 152000 *Avg. Volume:* 160000 *Max. Volume:* 170000 *Annual Growth Rate:* 5%

Description:

Describes an event where a stand has been disturbed by some force. This entity provides a historical reference about a polygon that was involved in a disturbance, which may no longer be present in the system. The timeline of interest for a disturbance polygon will likely be significantly longer than for a regular polygon. As such, this entity provides means to store the disturbance geometry and critical disturbance attribution without requiring retention of the entire base polygon's information. While a Disturbance Event may not always be present for a polygon (or vice-versa), it is initially created in parallel to a regular polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DISTURBANCE EVENT ID	SDE NUMERIC IDENTIFIER	N	NUMBER	38
	Primary unique numeric identifier for a disturbance event.				
	GEOMETRY	GEOMETRY	Y	NUMBER	38
	A spatial polygon feature used to store the map component of the Vegetation Cover area.This is a ArcSDE spatial column. NOTE: It can be linear, polygonal or point.				
	INTERPRETER	USERID	N	VARCHAR2	30
	The name of the person who provided the estimates for the data associated with each polygon.				
	INTERPRETATION DATE	DATE TIME	N	DATE	
	The date on which the polygon estimates were photo interpreted.				
	PROJECT NAME	PROJECT NAME	N	VARCHAR2	100
	The business assigned name of the project. The name typically reflects a Timber Supply Area, an initiating Agency, or a land area.				
	REFERENCE YEAR	NUMERIC YEAR	Y	NUMBER	4,0
	The year of the photo or source survey that was used to generate the VRI attributes.				
	DISTURBANCE START YEAR	DATE TIME	Y	DATE	
	Starting year of the disturbance event.				
	DISTURBANCE END YEAR	DATE TIME	Y	DATE	
	Ending year of the disturbance event.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE data capture method of one and only one DATA CAPTURE METHOD CODE

MAY BE disturbed by one and only one DISTURBANCE TYPE CODE

MAY BE identified by one and only one FOREST COVER OBJECT

MAY BE disturbed by one and only one VRIMS DISTURBANCE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

DE PK *Primary* *Y*

DISTURBANCE EVENT ID

Entity Name: DISTURBANCE TYPE CODE *Short Name:* DTC

Plural: DISTURBANCE TYPE CODE

Init. Volume: 20 *Avg. Volume:* 20 *Max. Volume:* 30 *Annual Growth Rate:* 10%

Description:

A list of codes that describes that the disturbance history is described as a list of abbreviations for the techniques along with the year each technique was employed.

Eg. A - Animal Damage
AB - Bear
AE - Elk
AH - Hare or Rabbit
AX - Birds
AZ - Beaver
BE - Escape Burn
BG - Ground Fire
BR - Range Burn
BW - Wildlife Burn
TT - Thinning or Spacing wound
UNK - Unknown
V - Problem Vegetation
VH - Herbaceous Competition
VP - Vegetation Press
VS - Shrub Competition
VT - Tree Competition

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DISTURBANCE TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
	The disturbance history described as a list of abbreviations for the techniques along with the years each technique was employed.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE disturbs during one or more DISTURBANCE EVENT

MAY BE disturbance type for one or more FOREST COVER OBJECT

MAY BE disturbs one or more FOREST COVER OBJECT STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

DTC PK *Primary* *Y*

DISTURBANCE TYPE CODE

Entity Name: ESTIMATED SINDEX SOURCE CODE *Short Name:* ESRC

Plural: ESTIMATED SINDEX SOURCE CODE

Init. Volume: 100 *Avg. Volume:* 120 *Max. Volume:* 150 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the site index source that indicates the method used for obtaining an adjusted site index. The adjusted site index source identifies the method by which the site index is adjusted, indicates the reliability of the adjustment and classifies the source.

Eg. A - Adjacent stand
E - Ecological correlation
H - Historic
I - Growth intercept
S - Silviculture section
A - POPLAR
AC - POPLAR
ACB - BALSAM POPLAR
ACT - BLACK COTTONWOOD
AT - TREMBLING ASPEN
AX - Poplar Hybrid
B - True Fir
BA - AMABILIS FIR
BB - Balsam Fir
BG - GRAND FIR
BL - SUBALPINE FIR
BN - Noble Fir
C - CEDAR
CW - WESTERN RED CEDAR
D - ALDER
DG - GREEN/SITKA ALDER (N)
DM - MOUNTAIN ALDER (N)
DR - RED ALDER
E - BIRCH
EA - ALASKA PAPER BIRCH
EB - SCRUB BIRCH
EP - PAPER BIRCH
ES - SWAMP BIRCH
EW - WATER BIRCH
EX - BIRCH HYBRID
EXP - ALASKA PAPER X PAPER
EXW - WATER X PAPER
F - Douglas-Fir
FD - Douglas-Fir
FDC - DOUGLAS-FIR (COAST)
FDI - DOUGLAS-FIR (INTERIOR)
G - DOGWOOD (N)
GP - FLOWERING DOGWOOD (N)
GR - RED-OSIER DOGWOOD
H - HEMLOCK
HM - MOUNTAIN HEMLOCK
HW - WESTERN HEMLOCK
HX - HEMLOCK HYBRID
HXM - WESTERN X MOUNTAIN
J - JUNIPER (N)
JD - COMMON JUNIPER
JH - CREEPING JUNIPER
JR - ROCKY MOUNTAIN JUNIPER (N)
K - CASCARA (N)
KC - CASCARA (N)
L - LARCH
LA - ALPINE LARCH
LD - DAHURIAN LARCH

Entity Name: ESTIMATED SINDEX SOURCE CODE (cont'd) *Short Name:* ESRC

LS - SIBERIAN LARCH
LT - TAMARACK
LW - WESTERN LARCH
M - MAPLE
MB - BIGLEAF MAPLE
MR - DOUGLAS MAPLE (N)
MV - VINE MAPLE (N)
P - PINE
PA - WHITEBARK PINE
PF - LIMBER PINE
PJ - JACK PINE
PL - LODGEPOLE PINE
PLC - LODGEPOLE PINE (COAST)
PLI - LODGEPOLE PINE (INTERIOR)
PR - Red Pine
PW - WESTERN WHITE PINE
PX - PINE HYBRID
PXJ - LODGEPOLE X JACK
PY - YELLOW PINE
Q - OAK
QG - GARRY OAK
RA - ARBUTUS (N)
S - SPRUCE
SA - NORWAY SPRUCE
SB - BLACK SPRUCE
SE - ENGELMANN SPRUCE
SS - SITKA SPRUCE
SW - WHITE SPRUCE
SX - SPRUCE HYBRID
SXB - WHITE X BLACK
SXE - ENGELMA

NN X SITKA
SXL - WHITE X SITKA (PICEA X LUTZII)
SXS - SITKA X UNKNOWN HYBRID
SXW - WHITE X ENGELMANN
SXX - WHITE X ENGELMANN X SITKA
T - YEW
TW - WESTERN YEW
UP - PACIFIC CRAB APPLE (MALUS FUSCA)
V - CHERRY (N)
VB - BITTER CHERRY (N)
VP - PIN CHERRY
VW - CHOKE CHERRY
W - WILLOW
WA - BARCLAY'S WILLOW
WB - BEBB'S WILLOW
WD - GREY-LEAVED WILLOW
WS - SCOULER'S WILLOW
WT - TEA-LEAVED WILLOW
Y - CYPRESS
YC - YELLOW CEDAR

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ESTIMATED SINDEX SOURCE CODE	CODETABLE CODE	N	VARCHAR2	10
	Site index source indicates the method used for obtaining an adjusted site index. The adjusted site index source identifies the method by which the site index is adjusted, indicates the reliability of the adjustment and classifies the source				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120

Entity Name: ESTIMATED SINDEX SOURCE CODE (cont'd) *Short Name:* ESRC

Provides the description for the code. This is the human readable form of the code.

EXPIRY DATE	DATE TIME	N	DATE
Expiry date/time			
EFFECTIVE DATE	DATE TIME	N	DATE
Effective date/time			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE
Update date/time			

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE site index source for one or more TREE COVER LAYER ADJUSTED
MAY BE site index source for one or more TREE COVER LAYER ESTIMATED
MAY BE site index source for one or more TREE COVER LAYER PROJECTED
MAY BE site index source for one or more TREE COVER LAYER STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

ESRC PK *Primary* *Y*

ESTIMATED SINDEX SOURCE CODE

Entity Name: FOREST COVER OBJECT

Short Name: FCO

Plural: FOREST COVER OBJECT

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

This entity represents a Forest Cover Polygon that has been successfully integrated into the database, and maintains the unique business identification of that polygon. Each polygon represents an area of land identified spatially that is measured by a Vegetation Resource Inventory activity.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	FOREST COVER OBJECT ID	SDE NUMERIC IDENTIFIER	N	NUMBER	38
	The unique business identification of a forest cover polygon. Each polygon represents an area of land identified spatially that is measured by a Vegetation Resource Inventory activity.[GRY Description]A required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.				
	OPENING NUMBER	OPENING NUMBER	Y	VARCHAR2	4
	The OPENING_NUMBER is from RESULTS. It may or may not be present.				
	OPENING ID	RESULTS OPENING ID	Y	NUMBER	10,0
	The OPENING_ID is the identifier from RESULTS.				
	POLYGON NUMBER	POLYGON NUMBER	N	VARCHAR2	16
	The POLYGON_NUMBER is a human readable identifier. Generated by a POLYGON_ALIAS_NAME function.				
	GEOMETRY	GEOMETRY	Y	NUMBER	38
	This is the polygon that represents a vegetation resource polygon. A spatial polygon feature used to store the map component of the Vegetation Cover area.This is a ArcSDE spatial column. NOTE: It can be linear, polygonal or point.				
	POLYGON AREA	POLYGON AREA	Y	NUMBER	15,3
	The area of a polygon; usually derived from geographic information system processing software in hectares.				
	INTERPRETER	USERID	N	VARCHAR2	30
	The user id of the individual who provided the estimates for the data associated with each polygon.				
	INTERPRETATION DATE	DATE TIME	N	DATE	
	The date on which the polygon estimates were photo interpreted.				
	PROJECT NAME	PROJECT NAME	N	VARCHAR2	100
	The business assigned name of the project. The name typically reflects a Timber Supply Area, an initiating Agency, or a land area.				
	EXPIRY DATE	DATE TIME	Y	DATE	
	The date/time from which the spatial object is retired.				
	CREATED DATE	DATE TIME	N	DATE	
	The date/time from the spatial object was created. This may be different from the data/time the entry containing the spatial object was created.				
	SLIVER IND	INDICATOR	N	VARCHAR2	1
	If a polygon is a sliver then the indication will be 'Y'. This flag will only be set if there is no computational means to either merge the sliver with an adjacent polygon, or integrate it by some other means. The slivers will have to be manually identified and manually dealt with.				
	FREE TO GROW IND	INDICATOR	N	VARCHAR2	1
	Indicates that the polygon has achieved Free To Grow status, which marks the milestone where a stand is capable of growing and should be allowed to do so, without intervention.				
	DISTURBANCE START YEAR	DATE TIME	Y	DATE	
	Starting year of the disturbance event.				
	DISTURBANCE END YEAR	DATE TIME	Y	DATE	

Entity Name: FOREST COVER OBJECT (cont'd) *Short Name:* FCO

Ending year of the disturbance event.

ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Entry date/time				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE data captured by means of one and only one DATA CAPTURE METHOD CODE
MAY BE disturbance for one and only one DISTURBANCE EVENT
MAY BE of disturbance type one and only one DISTURBANCE TYPE CODE
MUST BE inventory standard described by one and only one INVENTORY STANDARD CODE
MUST BE source for one and only one VEGETATION COVER POLYGON ADJUSTED
MUST BE source for one and only one VEGETATION COVER POLYGON ESTIMATED
MUST BE source for one and only one VEGETATION COVER POLYGON PROJECTED
MAY BE identified for processing by one or more VRIMS BATCH PROCESS POLYGON
MAY BE disturbed by one and only one VRIMS DISTURBANCE CODE
MUST BE Represented by one or more VRIMS MAPSHEET LINK
MAY BE created by one and only one VRIMS PACKAGE TRANSACTION
MAY BE retired by one and only one VRIMS PACKAGE TRANSACTION
MAY BE extracted during one or more VRIMS POLYGON TRANSACTION

** = Relationships in primary unique identifier.*

Unique Identifiers:

FCO PK *Primary Y*

FOREST COVER OBJECT ID

Entity Name: FOREST COVER OBJECT STAGING

Short Name: FCOS

Plural: FOREST COVER OBJECT STAGING

Init. Volume: 30000 *Avg. Volume:* 30000 *Max. Volume:* 120000 *Annual Growth Rate:* 0%

Description:

This entity represents a polygon that has been loaded for preparation, but has not been processed for integration, and maintains the unique business identification of a forest cover polygon. Each polygon represents an area of land identified spatially that is measured by a Vegetation Resource Inventory activity. Staged polygons are purged immediately once a transaction has been approved and completed. However, they may need to be stored indefinately, depending on the duration required to have the polygon approved for integration.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	FOREST COVER OBJECT STAGING ID	SDE NUMERIC IDENTIFIER	N	NUMBER	38
	The unique business identification of a forest cover polygon. Each polygon represents an area of land identified spatially that is measured by a Vegetation Resource Inventory activity.[GRY Description]A required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.				
	OPENING NUMBER	OPENING NUMBER	Y	VARCHAR2	4
	The OPENING_NUMBER is from RESULTS, when available.				
	OPENING ID	RESULTS OPENING ID	Y	NUMBER	10,0
	The OPENING_ID is the identifier from RESULTS.				
	POLYGON NUMBER	POLYGON NUMBER	Y	VARCHAR2	16
	The POLYGON_NUMBER is a human readable identifier. Generated by a POLYGON_ALIAS_NAME function.				
	GEOMETRY	GEOMETRY	Y	NUMBER	38
	This is the polygon representation of a forest vegetation polygon. A spatial polygon feature used to store the map component of the Vegetation Cover area.This is a ArcSDE spatial column. NOTE: It can be linear, polygonal or point.				
	POLYGON AREA	POLYGON AREA	Y	NUMBER	15,3
	The area of a polygon; usually derived from geographic information system processing software in hectares.				
	INTERPRETER	USERID	Y	VARCHAR2	30
	The user id of the individual who provided the estimates for the data associated with each polygon.				
	INTERPRETATION DATE	DATE TIME	Y	DATE	
	The date on which the polygon estimates were photo interpreted.				
	PROJECT NAME	PROJECT NAME	Y	VARCHAR2	100
	The business assigned name of the project. The name typically reflects a Timber Supply Area, an initiating Agency, or a land area.				
	EXPIRY DATE	DATE TIME	Y	DATE	
	The date/time from which the spatial object is retired.				
	CREATED DATE	DATE TIME	Y	DATE	
	The date/time from the spatial object was created. This may be different from the data/time the entry containing the spatial object was created.				
	SLIVER IND	INDICATOR	N	VARCHAR2	1
	If a polygon is a sliver then the indication will be 'Y'. This flag will only be set if there is no computational means to either merge the sliver with an adjacent polygon, or integrate it by some other means. The slivers will have to be manually identified and manually dealt with.				
	This attribute is defaulted to 'N' by the application on load, as its value is not known until integration.				
	FREE TO GROW IND	INDICATOR	N	VARCHAR2	1
	Indicates that the polygon has achieved Free To Grow status, which marks the milestone where a stand is capable of growing and should be allowed to do so, without intervention.				

Entity Name: FOREST COVER OBJECT STAGING (cont'd) *Short Name:* FCOS

DISTURBANCE START YEAR	DATE TIME	Y	DATE	
Starting year of the disturbance event.				
DISTURBANCE END YEAR	DATE TIME	Y	DATE	
Ending year of the disturbance event.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Entry date/time				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE data captured by means of one and only one DATA CAPTURE METHOD CODE
MAY BE disturbed by one and only one DISTURBANCE TYPE CODE
MAY BE inventory standard described by one and only one INVENTORY STANDARD CODE
MAY BE staged by one and only one VEGETATION COVER POLYGON STAGING
MAY BE disturbed by one and only one VRIMS DISTURBANCE CODE
MAY BE produces errors for one or more VRIMS ERROR LOG
MUST BE processed as part of one and only one VRIMS PACKAGE TRANSACTION
MAY BE processed by one and only one VRIMS POLYGON TRANSACTION

** = Relationships in primary unique identifier.*

Unique Identifiers:

FCOS PK *Primary Y*

FOREST COVER OBJECT STAGING ID

Entity Name: FOREST COVER RANK CODE *Short Name:* FCRC

Plural: FOREST COVER RANK CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes that describes how the numeric designation of the relative importance of the layer component in the stand, as determined by the business area. For Vegetation Cover-originated data, this value is assigned via a business rule. The rule is based on the supplied order of the layer records, as recorded by the interpreter. For FIP originated data, this value is known as the RANK CD, and is explicitly supplied by the interpreter, based on Regional guidelines at the time of interpretation. Rank is used to determine the layer of tree volumes that will be calculated by VDYP. VDYP is the current yield prediction model used in production.

Eg. 0 - Null
1 - Rank 1
2 - Rank 2
3 - Rank 3
4 - Rank 4

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	FOREST COVER RANK CODE	CODETABLE CODE	N	VARCHAR2	10

A numeric designation of the relative importance of the layer component in the stand, as determined by the business area. For Vegetation Cover-originated data, this value is assigned via a business rule. The rule is based on the supplied order of the layer records, as recorded by the interpreter. For FIP originated data, this value is known as the RANK CD, and is explicitly supplied by the interpreter, based on Regional guidelines at the time of interpretation. Rank is used to determine the layer of tree volumes that will be calculated by VDYP. VDYP is the current yield prediction model used in production.

DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120

Provides the description for the code. This is the human readable form of the code.

EFFECTIVE DATE	DATE TIME	N	DATE

Effective date/time

EXPIRY DATE	DATE TIME	N	DATE

Expiry date/time

UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE

Update date/time

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE rank for one or more TREE COVER LAYER ADJUSTED

MAY BE forest cover rank for one or more TREE COVER LAYER ESTIMATED

MAY BE forest cover rank for one or more TREE COVER LAYER PROJECTED

MAY BE forest cover rank for one or more TREE COVER LAYER STAGING

* = *Relationships in primary unique identifier.*

Unique Identifiers:

FCRC PK *Primary* *Y*

FOREST COVER RANK CODE

Entity Name: HERB COVER TYPE CODE *Short Name:* HCT

Plural: HERB COVER TYPE CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes that descirbes a set of attributes for the portion of herb cover that is not obscured by the vertical projection of the crowns of either trees or shrubs. Herbs are defined as non-woody (vascular) plants, including graminoids (sedges, rushes, grasses), forbs (ferns, club mosses, and horsetails) and some low, woody species and intermediate life forms.

Eg. HE - Herb - a herb polygon with no distinction between forbs and graminoids
HF - Herb-Forbs - a herb polygon with forbs greater than 50% of the herb cover.
HG - Herb-Graminoids - a herb polygon with graminoids greater than 50% of the herb cover

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	HERB COVER TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
	This set of attributes describes the portion of herb cover that is not obscured by the vertical projection of the crowns of either trees or shrubs. Herbs are defined as non-woody (vascular) plants, including graminoids (sedges, rushes, grasses), forbs (ferns, club mosses, and horsetails) and some low, woody species and intermediate life forms.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE herb type for one or more VEGETATION COVER POLYGON ADJ

MAY BE herb type for one or more VEGETATION COVER POLYGON EST

MAY BE herb cover type for one or more VEGETATION COVER POLYGON PRJ

MAY BE herb type for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

HCT PK *Primary* *Y*

HERB COVER TYPE CODE

Entity Name: INVENTORY STANDARD CODE *Short Name:* ISC

Plural: INVENTORY STANDARD CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of valid codes that describes under which inventory standard the data was collected. The standards define the fields that are collected in each sampling, varying the quantity of data present between sample types.

Eg. F - FIP Data collected to FIP Standards
I - Veg Data Incomplete - Full set of VRI Attributes not collected
V - Veg Data collected to Veg Standards

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	INVENTORY STANDARD CODE	CODETABLE CODE	N	VARCHAR2	10
	Code indicating under which inventory standard the data was collected. Values are: "V:" for Vegetation Resources Inventory (VRI), "F" for Forest Inventory Planning (FIP) and "I" for Incomplete (when a full set of VRI attributes is not collected).				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE inventory code for one or more FOREST COVER OBJECT

MAY BE inventory code for one or more FOREST COVER OBJECT STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

ISC PK *Primary* *Y*

INVENTORY STANDARD CODE

Entity Name: LAND COVER CLASS CODE *Short Name:* LCCC

Plural: LAND COVER CLASS CODE

Init. Volume: 50 *Avg. Volume:* 60 *Max. Volume:* 70 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the land cover Classification Land cover types within the polygon that contribute to the overall polygon description, but are too small to be delineated using current guidelines, may be described by land cover components. The sub-division of a polygon by a quantified Land Cover Component, allowing nonspatial resolution for modeling of wildlife habitat capability.

Eg. AP - Airport
BE - Beach
BI - Blockfield
BL - Bryoid Lichens
BM - Bryoid Moss
BR - Bedrock
BU - Burned Area
BY - Bryoid
CB - Cutbank
EL - Exposed Land
ES - Exposed Soil
GL - Glacier
GP - Gravel Pit
HE - Herb
HF - Herb Forbs
HG - Herb Graminoids
LA - Lake
LB - Lava Bed
LL - Landing
LS - Pond or Lake Sediments
MI - Open Pit Mine
MN - Moraine
MU - Mudflat Sediment
MZ - Rubbly Mine Spoils
Null - No Value
OC - Ocean
OT - Other
PN - Snow Cover
RE - Reservoir
RI - River/Stream
RM - Reservoir Margin
RN - Railway Surface
RO - Rock/Rubble
RS - River Sediments
RZ - Road Surface
SI - Snow/Ice
SL - Shrub Low
ST - Shrub Tall
TA - Talus
TB - Treed Broadleaf
TC - Treed Coniferous
TM - Treed Mixed
TZ - Tailings
UR - Urban

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	LAND COVER CLASS CODE	CODETABLE CODE	N	VARCHAR2	10

The codes for the land cover Classification Land cover types within the polygon that contribute to the overall polygon description, but are too small to be delineated using current guidelines, may be described by land cover components. The sub-division of a

Entity Name: LAND COVER CLASS CODE (cont'd) *Short Name:* LCCC

polygon by a quantified Land Cover Component, allowing nonspatial resolution for modeling of wildlife habitat capability.

DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120

Provides the description for the code. This is the human readable form of the code.

EFFECTIVE DATE	DATE TIME	N	DATE

Effective date/time

EXPIRY DATE	DATE TIME	N	DATE

Expiry date/time

UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE

Update date/time

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE cover class for one or more LAND COVER COMPONENT ADJ

MAY BE land cover class for one or more LAND COVER COMPONENT EST

MAY BE land cover class for one or more LAND COVER COMPONENT PRJ

MAY BE cover class for one or more LAND COVER COMPONENT STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

LCCC PK *Primary Y*

LAND COVER CLASS CODE

Entity Name: LAND COVER COMPONENT ADJUSTED *Short Name:* LCCA

Plural: LAND COVER COMPONENT ADJ

Init. Volume: 1700000 *Avg. Volume:* 1785000 *Max. Volume:* 1875000 *Annual Growth Rate:* 5%

Description:

The table that maintains the number of a specific instances of a land cover component as attached to a polygon record. This can be from 1 to 4.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	LAND COVER COMPONENT ADJ ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for an adjusted polygon's land cover component.				
	LAND COVER ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a specific instance of a land cover component as attached to a polygon record. This can be from 1 to 4.				
	COVERAGE PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	The percentage coverage of a polygon occupied by each Land Cover Component. Generally, sizes under 10% will not be used.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE describes land cover class one and only one LAND COVER CLASS CODE

MAY BE layer at level one and only one LAND COVER LEVEL CODE

MAY BE describes soil moisture regime one and only one SOIL MOISTURE REGIME CODE

MUST BE describe land cover types for one and only one VEGETATION COVER POLYGON ADJUSTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

LCCA UK *Primary N*

MUST BE describe land cover types for one and only one VEGETATION COVER POLYGON ADJUSTED
MAY BE layer at level one and only one LAND COVER LEVEL CODE

LCCA PK *Primary Y*

LAND COVER COMPONENT ADJ ID

Entity Name: LAND COVER COMPONENT ESTIMATED *Short Name:* LCCE

Plural: LAND COVER COMPONENT EST

Init. Volume: 1700000 *Avg. Volume:* 1785000 *Max. Volume:* 1875000 *Annual Growth Rate:* 5%

Description:

The table that maintains the number of a specific instances of a land cover component as attached to a polygon record. This can be from 1 to 4.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	LAND COVER COMPONENT EST ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for an estimated polygon's land cover component.				
	LAND COVER ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a specific instance of a land cover component as attached to a polygon record. This can be from 1 to 4.				
	COVERAGE PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	The percentage coverage of a polygon occupied by each Land Cover Component. Generally, sizes under 10% will not be used.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE of land cover class one and only one LAND COVER CLASS CODE

MAY BE layer at level one and only one LAND COVER LEVEL CODE

MAY BE has soil moisture regime one and only one SOIL MOISTURE REGIME CODE

MUST BE land cover types for one and only one VEGETATION COVER POLYGON ESTIMATED

** = Relationships in primary unique identifier.*

Unique Identifiers:

LCCE UK *Primary N*

MUST BE land cover types for one and only one VEGETATION COVER POLYGON ESTIMATED
MAY BE layer at level one and only one LAND COVER LEVEL CODE

LCCE PK *Primary Y*

LAND COVER COMPONENT EST ID

Entity Name: LAND COVER COMPONENT PROJECTED *Short Name:* LCCP

Plural: LAND COVER COMPONENT PRJ

Init. Volume: 1700000 *Avg. Volume:* 1785000 *Max. Volume:* 1875000 *Annual Growth Rate:* 5%

Description:

This maintains the number of a specific instances of a projected land cover component as attached to a polygon record. This can be from 1 to 4.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	LAND COVER COMPONENT PRJ ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for a projected polygon's land cover component.				
	LAND COVER ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a specific instance of a land cover component as attached to a polygon record. This can be from 1 to 4.				
	COVERAGE PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	The percentage coverage of a polygon occupied by each Land Cover Component. Generally, sizes under 10% will not be used.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE of land cover class one and only one LAND COVER CLASS CODE

MAY BE layer at level one and only one LAND COVER LEVEL CODE

MAY BE moisture regime described by one and only one SOIL MOISTURE REGIME CODE

MUST BE describes land cover types for one and only one VEGETATION COVER POLYGON PROJECTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

LCCP UK *Primary N*

MUST BE describes land cover types for one and only one VEGETATION COVER POLYGON PROJECTED
MAY BE layer at level one and only one LAND COVER LEVEL CODE

LCCP PK *Primary Y*

LAND COVER COMPONENT PRJ ID

Entity Name: LAND COVER COMPONENT STAGING

Short Name: LCCS

Plural: LAND COVER COMPONENT STG

Init. Volume: 22500 *Avg. Volume:* 22500 *Max. Volume:* 22500 *Annual Growth Rate:* 0%

Description:

Thist maintains the number of a specific instances of a land cover component beign staged, as attached to a polygon record. This can be from 1 to 4.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	LAND COVER COMPONENT STG ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for a staging polygon's land cover component.				
	LAND COVER ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a specific instance of a land cover component as attached to a polygon record. This can be from 1 to 4.				
	COVERAGE PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	The percentage coverage of a polygon occupied by each Land Cover Component. Generally, sizes under 10% will not be used.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE land cover class described by one and only one LAND COVER CLASS CODE

MAY BE layer at level one and only one LAND COVER LEVEL CODE

MAY BE soil moisture regime described by one and only one SOIL MOISTURE REGIME CODE

MUST BE describes land cover types for one and only one VEGETATION COVER POLYGON STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

LCCS UK *Primary N*

MUST BE describes land cover types for one and only one VEGETATION COVER POLYGON STAGING
MAY BE layer at level one and only one LAND COVER LEVEL CODE

LCCS PK *Primary Y*

LAND COVER COMPONENT STG ID

Entity Name: LAND COVER LEVEL CODE

Short Name: LCLC

Plural: LAND COVER LEVEL CODE

Init. Volume: 10 *Avg. Volume:* 10 *Max. Volume:* 15 *Annual Growth Rate:* 10%

Description:

A list of codes that are a representation of a level of land cover.

Eg. 1 - First specific instance of a land cover component as attached to a polygon record
2 - Second specific instance of a land cover component as attached to a polygon record
3 - Third specific instance of a land cover component as attached to a polygon record
4 - All other specific instances of a land cover component as attached to a polygon record

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	LAND COVER LEVEL CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of the land cover level.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE layer level for one or more LAND COVER COMPONENT ADJ
MAY BE layer level for one or more LAND COVER COMPONENT EST
MAY BE layer level for one or more LAND COVER COMPONENT PRJ
MAY BE layer level for one or more LAND COVER COMPONENT STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

LCLC PK *Primary* *Y*

LAND COVER LEVEL CODE

Entity Name: LAYER LEVEL CODE *Short Name:* LLC

Plural: LAYER LEVEL CODE

Init. Volume: 10 *Avg. Volume:* 10 *Max. Volume:* 15 *Annual Growth Rate:* 10%

Description:

A list of codes that are a representation of a level of vegetative or non-vegetative material.

Eg. 1 - Tallest Layer
2 - Second Tallest Layer
3 - Third Tallest Layer
4 - Fourth Tallest Layer
5 - Fifth Tallest Layer
6 - Sixth Tallest Layer
7 - Seventh Tallest Layer
8 - Eighth Tallest Layer
9 - Ninth Tallest Layer
S - Silviculture Layer
V - Veteran Layer

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	LAYER LEVEL CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of the layer level.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE layer level for one or more NON VEGETATIVE COVER ADJ
MAY BE layer level for one or more NON VEGETATIVE COVER EST
MAY BE layer level for one or more NON VEGETATIVE COVER PRJ
MAY BE layer level for one or more NON VEGETATIVE COVER STG
MAY BE layer for one or more TREE COVER LAYER ADJUSTED
MAY BE layer for one or more TREE COVER LAYER ESTIMATED
MAY BE layer level for one or more TREE COVER LAYER PROJECTED
MAY BE layer level for one or more TREE COVER LAYER STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

LLC PK *Primary* *Y*

LAYER LEVEL CODE

Entity Name: LAYER SUMMARIZATION CODE *Short Name:* LSC

Plural: LAYER SUMMARIZATION CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes that describes the number of layers to be summarized for volume, as required for VDYP calculation.

Eg. 1 - Single Layer
2 - Two Layer

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	LAYER SUMMARIZATION CODE	CODETABLE CODE	N	VARCHAR2	10
	Indicates combination of layers and tree class to be summarized for volume.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE summarization for one or more VEGETATION COVER POLYGON ADJ

MAY BE layer summarization for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

LSC PK *Primary* *Y*

LAYER SUMMARIZATION CODE

Entity Name: MODIFYING PROCESS CODE *Short Name:* MPC

Plural: MODIFYING PROCESS CODE

Init. Volume: 10 *Avg. Volume:* 10 *Max. Volume:* 15 *Annual Growth Rate:* 10%

Description:

A list of codes that describes a natural mechanism of weathering, erosion and soil material deposition that result in the modification of surficial materials and landforms. Used for terrain classification, site classification, soil condition and identification of potential hazards such as avalanches, slope instability and flooding.

Eg. A - Avalanche
B - River Channeling
F - Mass Movements
N - None
U - Flooding
V - Gully Erosion

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	MODIFYING PROCESS CODE	CODETABLE CODE	N	VARCHAR2	10
	A natural mechanism of weathering, erosion and soil material deposition that result in the modification of surficial materials and landforms. Used for terrain classification, site classification, soil condition and identification of potential hazards such as avalanches, slope instability and flooding.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE modifying process for one or more VEGETATION COVER POLYGON ADJ
MAY BE modifying process for one or more VEGETATION COVER POLYGON EST
MAY BE modifying process for one or more VEGETATION COVER POLYGON PRJ
MAY BE process for one or more VEGETATION COVER POLYGON STG

* = *Relationships in primary unique identifier.*

Unique Identifiers:

MPC PK *Primary* *Y*

MODIFYING PROCESS CODE

Entity Name: NON FOREST DESCRIPTOR CODE *Short Name:* NFDC

Plural: NON FOREST DESCRIPTOR CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of a classification codes, which in turn indicates when the forest cover type is not currently forested, but is capable of supporting commercial forestry. This is a FIP classification based attribute only, and is retained for the purposes of business transition from FIP to Vegetation Inventory.

Eg. NC - Non Commercial
NCBR - Non Commercial Brush
NSR - Not Sufficiently Restocked
NTA - No Typing Available

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	NON FOREST DESCRIPTOR CODE	CODETABLE CODE	N	VARCHAR2	10
	A classification code indicating that the forest cover type is not currently forested, but is capable of supporting commercial forests.This is a FIP classification based attribute only, and is retained for the purposes of business transition from FIP to Vegetation Inventory.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE non forest descriptor for one or more TREE COVER LAYER ADJUSTED

MAY BE non forest descriptor for one or more TREE COVER LAYER ESTIMATED

MAY BE non-forest descriptor for one or more TREE COVER LAYER PROJECTED

MAY BE non forest descriptor for one or more TREE COVER LAYER STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

NFDC PK *Primary* *Y*

NON FOREST DESCRIPTOR CODE

Entity Name: NON PRODUCTIVE CODE *Short Name:* NPC

Plural: NON PRODUCTIVE CODE

Init. Volume: 25 *Avg. Volume:* 30 *Max. Volume:* 30 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the land that is incapable of supporting commercial forests. This code list parallels the entries in Non-Productive Descriptor Code, but is specialized for use by VDYP translation processes only, which utilizes a different set of codes.

Eg. 02 - Alpine
10 - Alpine Forest (with species etc.)
42 - Clearing
09 - Clay Bank
18 - Gravel Bar
06 - Gravel Pit
01 - Icefield
15 - Lake
62 - Meadow
26 - Mud Flat
64 - Non-Applicable (salt water)
11 - Non-Productive Brush
13 - Non-Productive Burn
12 - Non-Productive Forest (with species etc.)
63 - Open Range
60 - Hayfield
03 - Rock
25 - River
35 - Swamp
07 - Sand
16 - Tidal Flat
54 - Urban/Roads

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	NON PRODUCTIVE CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of the land type that is not able to support commercial logging.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE non-productive VDYP descriptor for one or more VEGETATION COVER POLYGON ADJ
MAY BE non-productive VDYP descriptor for one or more VEGETATION COVER POLYGON EST
MAY BE non-productive VDYP descriptor for one or more VEGETATION COVER POLYGON PRJ
MAY BE VDYP descriptor for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

NPC PK *Primary* *Y*

Entity Name: NON PRODUCTIVE CODE (cont'd) *Short Name:* NPC

NON PRODUCTIVE CODE

Entity Name: NON PRODUCTIVE DESCRIPTOR CODE *Short Name:* NPDC

Plural: NON PRODUCTIVE DESCRIPTOR CODE

Init. Volume: 25 *Avg. Volume:* 30 *Max. Volume:* 30 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the land that is incapable of supporting commercial forests. This relates directly to the FIP attribute, NON PRODUCTIVE DESCRIPTOR and is also utilized for the determination of the BC Land Cover Classification. This is a FIP classification based attribute only, and is retained for the purposes of business transition from FIP to Vegetation Inventory. The current growth projection model, 'VDYP', requires this attribute as a key input variable, and will continue to be utilized for Vegetative Cover until phased out. There is no expectation that this attribute would be updated or created under Vegetation Inventory classification practice.

Eg. A - Alpine
AF - Alpine Forest(with species etc.)
C - Clearing
CL - Clay Bank
G - Gravel Bar
GR - Gravel Pit
ICE - Icefield
L - Lake
M - Meadow
MUD - Mud Flat
NA - Non-Applicable (salt water)
NP - Non-Productive
NPBR - Non-Productive Brush
NPBU - Non-Productive Burn
NPF - Non-Productive Forest(with species etc.)
OR - Open Range
P - Hayfield
R - Rock
RIV - River
S - Swamp
SAND - Sand
TIDE - Tidal Flat
U - Roads

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	NON PRODUCTIVE DESCRIPTOR CODE	CODETABLE CODE	N	VARCHAR2	10
	Land that is incapable of supporting commercial forests. This relates directly to the FIP attribute, NON PRODUCTIVE DESCRIPTOR and is also utilized for the determination of the BC Land Cover Classification. This is a FIP classification based attribute only, and is retained for the purposes of business transition from FIP to Vegetation Inventory. The current growth projection model, 'VDYP', requires this attribute as a key input variable, and will continue to be utilized for Vegetative Cover until phased out. There is no expectation that this attribute would be updated or created under Vegetation Inventory classification practice.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Entity Name: NON PRODUCTIVE DESCRIPTOR CODE (cont'd) *Short Name:* NPDC

Each Occurrence Of This Entity:

MAY BE non-productive descriptor for one or more VEGETATION COVER POLYGON ADJ
MAY BE non-productive descriptor for one or more VEGETATION COVER POLYGON EST
MAY BE non productive descriptor for one or more VEGETATION COVER POLYGON PRJ
MAY BE descriptor for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

NPDC PK *Primary* *Y*

NON PRODUCTIVE DESCRIPTOR CODE

Entity Name: NON VEGETATIVE COVER ADJUSTED *Short Name:* NVCA

Plural: NON VEGETATIVE COVER ADJ

Init. Volume: 600000 *Avg. Volume:* 630000 *Max. Volume:* 660000 *Annual Growth Rate:* 5%

Description:

The tables that maintians the number of a specific instance of a non-vegetative record as attached to a polygon record. The number of a specific instance of non-vegetative cover, associated with a particular polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	NON VEGETATIVE COVER ADJ ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for an adjusted polygon's non-vegetative cover.				
	NON VEG ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a specific instance of a non-vegetative record as attached to a polygon record.				
	NON VEG COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	Area of a polygon that the non-vegetated portion covers, expressed as a percentage.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE has non veg cover pattern one and only one COVER PATTERN CODE

MUST BE layer at level one and only one LAYER LEVEL CODE

MAY BE describes cover type one and only one NON VEGETATIVE COVER TYPE CODE

MUST BE describes non vegetative content for one and only one VEGETATION COVER POLYGON ADJUSTED

* = *Relationships in primary unique identifier.*

Unique Identifiers:

NVCA UK *Primary N*

MUST BE describes non vegetative content for one and only one VEGETATION COVER POLYGON ADJUSTED
MUST BE layer at level one and only one LAYER LEVEL CODE

NVCA PK *Primary Y*

NON VEGETATIVE COVER ADJ ID

Entity Name: NON VEGETATIVE COVER ESTIMATED *Short Name:* NVCE

Plural: NON VEGETATIVE COVER EST

Init. Volume: 600000 *Avg. Volume:* 630000 *Max. Volume:* 660000 *Annual Growth Rate:* 5%

Description:

The number of a specific instance of a non-vegetative cover (record) as attached to a particular polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	NON VEGETATIVE COVER EST ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for an estimated polygon's non-vegetative cover.				
	NON VEG ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a specific instance of a non-vegetative record as attached to a polygon record.				
	NON VEG COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	Area of a polygon that the non-vegetated portion covers, expressed as a percentage.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE has non veg cover pattern one and only one COVER PATTERN CODE

MUST BE layer at level one and only one LAYER LEVEL CODE

MAY BE cover type described by one and only one NON VEGETATIVE COVER TYPE CODE

MUST BE describes non vegetative content for one and only one VEGETATION COVER POLYGON ESTIMATED

** = Relationships in primary unique identifier.*

Unique Identifiers:

NVCE UK *Primary N*

MUST BE describes non vegetative content for one and only one VEGETATION COVER POLYGON ESTIMATED
MUST BE layer at level one and only one LAYER LEVEL CODE

NVCE PK *Primary Y*

NON VEGETATIVE COVER EST ID

Entity Name: NON VEGETATIVE COVER PROJECTED *Short Name:* NVCP

Plural: NON VEGETATIVE COVER PRJ

Init. Volume: 600000 *Avg. Volume:* 630000 *Max. Volume:* 660000 *Annual Growth Rate:* 5%

Description:

The number of a specific instance of a projected non-vegetative cover (record) as attached to a polygon polygon.

Attributes:

	Name	Domain	Opt	Format	Length
*	NON VEG COVER PRJ ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for a projected polygon's non-vegetative cover.				
	NON VEG ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a specific instance of a non-vegetative record as attached to a polygon record.				
	NON VEG COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	Area of a polygon that the non-vegetated portion covers, expressed as a percentage.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE has non veg cover pattern one and only one COVER PATTERN CODE

MUST BE layer at level one and only one LAYER LEVEL CODE

MAY BE cover type described by one and only one NON VEGETATIVE COVER TYPE CODE

MUST BE non vegetative content for one and only one VEGETATION COVER POLYGON PROJECTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

NVCP UK *Primary N*

MUST BE layer at level one and only one LAYER LEVEL CODE

MUST BE non vegetative content for one and only one VEGETATION COVER POLYGON PROJECTED

NVCP PK *Primary Y*

NON VEG COVER PRJ ID

Entity Name: NON VEGETATIVE COVER STAGING

Short Name: NVCS

Plural: NON VEGETATIVE COVER STG

Init. Volume: 4800 *Avg. Volume:* 4800 *Max. Volume:* 4800 *Annual Growth Rate:* 0%

Description:

The tables that maintains the number of a specific instance of a non-vegetative cover (record) that is being staged, as attached to a polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	NON VEGETATIVE COVER STG ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for a staging polygon's non-vegetative cover.				
	NON VEG ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a specific instance of a non-vegetative record as attached to a polygon record.				
	NON VEG COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	Area of a polygon that the non-vegetated portion covers, expressed as a percentage.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE has non veg cover pattern one and only one COVER PATTERN CODE

MAY BE layer at level one and only one LAYER LEVEL CODE

MAY BE of non-vegatative cover type one and only one NON VEGETATIVE COVER TYPE CODE

MUST BE describes non-vegetative content for one and only one VEGETATION COVER POLYGON STAGING

* = *Relationships in primary unique identifier.*

Unique Identifiers:

NVCS UK *Primary N*

MUST BE describes non-vegetative content for one and only one VEGETATION COVER POLYGON STAGING
MAY BE layer at level one and only one LAYER LEVEL CODE

NVCS PK *Primary Y*

NON VEGETATIVE COVER STG ID

Entity Name: NON VEGETATIVE COVER TYPE CODE *Short Name:* NVCTC

Plural: NON VEG COVER TYPE CODE

Init. Volume: 40 *Avg. Volume:* 50 *Max. Volume:* 60 *Annual Growth Rate:* 10%

Description:

A list of codes that describes the designated type for all of the observable non-vegetated land cover within a polygon.

Eg. AP - Airport
BE - Beach
BI - Blockfield
BR - Bedrock
BU - Burned Area
CB - Cutbank
ES - Exposed Soil
GL - Glacier
GP - Gravel Pit
LA - Lake
LB - Lava Bed
LL - Landing
LS - Pond or Lake Sediments
MI - Open Pit Mine
MN - Moraine
MU - Mudflat Sediment
MZ - Rubbly Mine Spoils
Null - No Value
OC - Ocean
OT - Other
PN - Snow Cover
RE - Reservoir
RI - River/Stream
RM - Reservoir Margin
RN - Railway
RS - River Sediments
RZ - Road Surface
TA - Talus
TZ - Tailings
UR - Urban

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	NON VEG COVER TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
	Designated type for all of the observable non-vegetated land cover within a polygon.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE cover type for one or more NON VEGETATIVE COVER ADJ
MAY BE cover type for one or more NON VEGETATIVE COVER EST
MAY BE cover type for one or more NON VEGETATIVE COVER PRJ

Entity Name: NON VEGETATIVE COVER TYPE CODE (cont'd) *Short Name:* NVCTC

MAY BE non-vegatative cover type for one or more NON VEGETATIVE COVER STG

* = *Relationships in primary unique identifier.*

Unique Identifiers:

NVCTC PK *Primary* *Y*

NON VEG COVER TYPE CODE

Entity Name: PROJECTED YIELD

Short Name: PY

Plural: PROJECTED YIELD

Init. Volume: 91200000 *Avg. Volume:* 95760000 *Max. Volume:* 100550000 *Annual Growth Rate:* 5%

Description:

This tracks the year to which time dependent stand information such as age and height is projected.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	PROJECTED YIELD ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for a Projected Yield.				
	PROJECTED YEAR	NUMERIC YEAR	N	NUMBER	4,0
	The projection year to which time dependent stand information, such as age and height, is projected.				
	DBH LIMIT	DBH LIMIT	Y	NUMBER	3,1
	Indicates the minimum diameter breast height (DBH) for measuring trees (i.e. stems) in the field sample.				
	BASAL AREA	BASAL AREA	N	NUMBER	10,6
	Basal area is the total cross sectional area (at breast height), as projected for all living trees of the specified species at a particular age in the layer. Basal area is expressed as square metres per hectare.				
	DIAMETER	NUMERIC PRECISION 8,3	N	NUMBER	8,3
	Diameter of the layer at the age specified, for the species specified, in metres.				
	LOREY HEIGHT	NUMERIC PRECISION 8,3	N	NUMBER	8,3
	Lorey height of the layer at the age specified, for the species specified, in metres.				
	TREES PER HECTARE	NUMERIC PRECISION 8,3	N	NUMBER	8,3
	The number of trees per hectare of the layer at the age specified, for the species specified.				
	VOLUME CLOSE UTILIZATION	NUMERIC PRECISION 8,3	N	NUMBER	8,3
	Close Utilization Volume at the age specified for the given layer, species. Volume is measured in cubic metres per hectare.				
	VOLUME LESS DECAY	NUMERIC PRECISION 8,3	N	NUMBER	8,3
	Volume less Decay at the age specified for the given layer, species. Volume is measured in cubic metres per hectare.				
	VOLUME LESS DECAY WASTE	NUMERIC PRECISION 8,3	N	NUMBER	8,3
	Volume less Decay and Waste at the age specified for the given layer, species. Volume is measured in cubic metres per hectare.				
	VOLUME LESS DECAY WASTE BREAK	NUMERIC PRECISION 8,3	N	NUMBER	8,3
	Volume less Decay, Waste and Breakage at the age specified for the given layer, species. Volume is measured in cubic metres per hectare.				
	VOLUME WHOLE STEM	NUMERIC PRECISION 8,3	N	NUMBER	8,3
	Whole Stem Volume at the age specified for the given layer, species. Volume is measured in cubic metres per hectare.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Entity Name: PROJECTED YIELD (cont'd) *Short Name:* PY

Each Occurrence Of This Entity:

MUST BE describes projected yield for one and only one TREE SPECIES PROJECTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

PY PK *Primary* *Y*

PROJECTED YIELD ID

Entity Name: PROJECTION LAYER CODE *Short Name:* PLC

Plural: PROJECTION LAYER CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes that are a representation of the projection layer.

Eg. P - Primary Projection Layer
V - Veteran Projection Layer

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	PROJECTION LAYER CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of the projection layer.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE projection layer for one or more TREE COVER LAYER ADJUSTED

MAY BE projection layer for one or more TREE COVER LAYER STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

PLC PK *Primary* *Y*

PROJECTION LAYER CODE

Entity Name: SAMPLES USED ADJUSTED

Short Name: SUA

Plural: SAMPLES USED ADJUSTED

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

Identifies samples used in adjustment project, for the given adjusted polygon and strata. Entries into this entity will not be purged on entry of a new Project.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	SAMPLES USED ADJUSTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for a VRI Sample.				
	NAME	SAMPLE NAME	N	VARCHAR2	13
	The VRI Sample identifier for a polygon. The identifier is a multi-component key, made up of the project id, sample id and sample type.				
	WEIGHT	SAMPLE WEIGHT	Y	NUMBER	7,1
	One weight value per VRISample, expressed as a number (no. of hectares in strata/no. of samples in strata).				
	USED IN ADJUSTMENT IND	INDICATOR	N	VARCHAR2	1
	Indicates if the sample was used in the adjustment.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE part of strata one and only one STRATA ADJUSTED

MUST BE adjusted by one and only one VEGETATION COVER POLYGON ADJUSTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

SUA PK *Primary* *Y*

SAMPLES USED ADJUSTED ID

Entity Name: SAMPLES USED STAGING

Short Name: SUS

Plural: SAMPLES USED STAGING

Init. Volume: 60000 *Avg. Volume:* 63000 *Max. Volume:* 66000 *Annual Growth Rate:* 0%

Description:

Identifies samples used in adjustment project, for the given staging polygon and strata. Entries into this entity will not be purged on entry of a new Project.

Attributes:

	Name	Domain	Opt	Format	Length
*	SAMPLES USED STAGING ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for a VRI Sample.				
	NAME	SAMPLE NAME	N	VARCHAR2	13
	The VRI Sample identifier for a polygon. The identifier is a multi-component key, made up of the project id, sample id and sample type.				
	WEIGHT	SAMPLE WEIGHT	Y	NUMBER	7,1
	One weight value per VRISample, expressed as a number (no. of hectares in strata/no. of samples in strata).				
	USED IN ADJUSTMENT IND	INDICATOR	N	VARCHAR2	1
	Indicates if the sample was used in the adjustment.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE part of strata one and only one STRATA STAGING

MUST BE adjusts one and only one VEGETATION COVER POLYGON STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

SUS PK *Primary* *Y*

SAMPLES USED STAGING ID

Entity Name: SITE POSITION MESO CODE *Short Name:* SPMC

Plural: SITE POSITION MESO CODE

Init. Volume: 10 *Avg. Volume:* 15 *Max. Volume:* 20 *Annual Growth Rate:* 10%

Description:

A list of codes that denote the relative position of the sampling site within a catchment area with the intent to be consistent within the scale of topography affecting surface water flow. The vertical difference is usually between 3 and 300m, and the surface area generally exceeds 0.5 has in size. Also known as slope position, and meso site position. Definition Source: "Describing Ecosystems in the Field", MOE Manual 11, Province of B.C. 1990, p. 31.

Eg. C - Crest
D - Depression
F - Flat (Level)
L - Lower Slope
M - Middle Slope
T - Toe
U - Upper Slope

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	SITE POSITION MESO CODE	CODETABLE CODE	N	VARCHAR2	10
	A code denoting the relative position of the sampling site within a catchment area with the intent to be consistent within the scale of topography affecting surface water flow. The vertical difference is usually between 3 and 300m, and the surface area generally exceeds 0.5 has in size. Also known as slope position, and meso site position. Definition Source: "Describing Ecosystems in the Field", MOE Manual 11, Province of B.C. 1990, p. 31.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE site position meso for one or more VEGETATION COVER POLYGON ADJ

MAY BE site position meso for one or more VEGETATION COVER POLYGON EST

MAY BE site position meso for one or more VEGETATION COVER POLYGON PRJ

MAY BE position meso for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

SPMC PK *Primary Y*

SITE POSITION MESO CODE

Entity Name: SOIL MOISTURE REGIME CODE

Short Name: SMRC

Plural: SOIL MOISTURE REGIME CODE

Init. Volume: 10 *Avg. Volume:* 15 *Max. Volume:* 20 *Annual Growth Rate:* 10%

Description:

A list of class-based codes approximating the average amount of soil water available annually for evapotranspiration by vascular plants, averaged over many years. Soil Moisture Regime is an interpretive attribute for estimation of site potential and site series classification. In VDYP, the value is between 0 and 8 or blank.

Eg. 0 - Very Xeric
1 - Xeric
2 - Subxeric
3 - Submesic
4 - Mesic
5 - Subhygric
6 - Hygric

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	SOIL MOISTURE REGIME CODE	CODETABLE CODE	N	VARCHAR2	10
	A class-based code approximating the average amount of soil water available annually for evapotranspiration by vascular plants, averaged over many years. Soil moisture Regime is an interpretive attribute for estimation of site potential and site series classification. The value is between 0 and 8 or blank.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE moisture regime for one or more LAND COVER COMPONENT ADJ

MAY BE soil moisture regime for one or more LAND COVER COMPONENT EST

MAY BE moisture regime for one or more LAND COVER COMPONENT PRJ

MAY BE moisture regime for one or more LAND COVER COMPONENT STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

SMRC PK *Primary* *Y*

SOIL MOISTURE REGIME CODE

Entity Name: SOIL NUTRIENT REGIME CODE *Short Name:* SNRC

Plural: SOIL NUTRIENT REGIME CODE

Init. Volume: 10 *Avg. Volume:* 15 *Max. Volume:* 20 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the Soil Nutrient Regime (SNR) refering to a code to denote the relative amount of essential soil nutrients, particularly nitrogen, available to vascular plants over a period of several years. Soil nutrient regime is an interpretative attribute that together with soil moisture regime, is used to assist in site series identification.

Eg. A - Very Poor
B - Poor
C - Medium
D - Rich
E - Very Rich
F - Ultra Rich

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	SOIL NUTRIENT REGIME CODE	CODETABLE CODE	N	VARCHAR2	10
	Soil Nutrient Regime (SNR) refers to a code to denote the relative amount of essential soil nutrients, particularly nitrogen, available to vascular plants over a period of several years. Soil nutrient regime is an interpretative attribute that together with soil moisture regime, is used to assist in site series identification.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE soil nutrient regime for one or more VEGETATION COVER POLYGON ADJ
MAY BE soil nutrient regime for one or more VEGETATION COVER POLYGON EST
MAY BE soil nutrient regime for one or more VEGETATION COVER POLYGON PRJ
MAY BE soil nutrient regime for one or more VEGETATION COVER POLYGON STG

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SNRC PK *Primary* *Y*

SOIL NUTRIENT REGIME CODE

Entity Name: STRATA ADJUSTED *Short Name:* SA

Plural: STRATA ADJUSTED

Init. Volume: 1000 *Avg. Volume:* 1050 *Max. Volume:* 1100 *Annual Growth Rate:* 5%

Description:

This describes a strata within a project that is being adjusted. Entries into this entity will not be purged on entry of a new Project.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	STRATA ADJUSTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Unique Identifier for a strata, within a project.				
	NAME	STRATA NAME	Y	VARCHAR2	100
	Name of a strata, describing how the strata Id was identified. Eg. SAD_N_V_31 (spruce, balsam or deciduous leading, non-THLB, vegetated, greater than 30 years old).				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE strata for one and only one ADJUSTMENT PROJECT ADJUSTED

MAY BE sample for one or more SAMPLES USED ADJUSTED

MAY BE part of strata one or more STRATA POLYGON ADJUSTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

SA PK *Primary* *Y*

STRATA ADJUSTED ID

Entity Name: STRATA POLYGON ADJUSTED *Short Name:* SPA

Plural: STRATA POLYGON ADJUSTED

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

This is an intersecting entity, resolving the many-to-many association between the adjusted strata and adjusted cover polygon. Entries into this entity will not be purged on entry of a new Project.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	STRATA POLYGON ADJUSTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for a strata/adjusted cover polygon association.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE polygon for one and only one STRATA ADJUSTED

MUST BE polygon for one and only one VEGETATION COVER POLYGON ADJUSTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

SPA PK *Primary* *Y*

STRATA POLYGON ADJUSTED ID

Entity Name: STRATA POLYGON STAGING *Short Name:* SPS

Plural: STRATA POLYGON STAGING

Init. Volume: 30000 *Avg. Volume:* 30000 *Max. Volume:* 30000 *Annual Growth Rate:* 0%

Description:

This is an intersecting entity, resolving the many-to-many association between the staging strata and staging cover polygon. Entries into this entity will not be purged on entry of a new Project.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	STRATA POLYGON STAGING ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifir for a strata/adjusted cover polygon association.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE polygon for one and only one STRATA STAGING

MUST BE part of strata one and only one VEGETATION COVER POLYGON STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

SPS PK *Primary* *Y*

STRATA POLYGON STAGING ID

Entity Name: STRATA STAGING *Short Name:* SS

Plural: STRATA STAGING

Init. Volume: 1000 *Avg. Volume:* 1000 *Max. Volume:* 1000 *Annual Growth Rate:* 0%

Description:

This describes a strata within a project that is being staged. Entries into this entity will not be purged on entry of a new Project.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	STRATA STAGING ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Unique Identifier for a strata, within a project.				
	NAME	STRATA NAME	Y	VARCHAR2	100
	Name of a strata, describing how the strata Id was identified. Eg. SAD_N_V_31 (spruce, balsam or deciduous leading, non-THLB, vegetated, greater than 30 years old).				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE strata for one and only one ADJUSTMENT PROJECT STAGING

MAY BE sample for one or more SAMPLES USED STAGING

MAY BE part of strata one or more STRATA POLYGON STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

SS PK *Primary* *Y*

STRATA STAGING ID

Entity Name: SURFACE EXPRESSION CODE *Short Name:* SEC

Plural: SURFACE EXPRESSION CODE

Init. Volume: 10 *Avg. Volume:* 10 *Max. Volume:* 20 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the surface expression that refers to the form and patterns of form of the surficial material within the polygon. Given the fact that a canopy of trees often blankets the ground surface, a simple classification attribute was selected. Surface expression is relatively easy to photo interpret on the medium scale photography and together with the attributes "modifying processes" and "site position meso" will provide clues to soil parent material and useful site classification data.

Eg. C - Cone
D - Depression
F - Fan
H - Hummock(s)
M - Rolling
N - None
P - Plain
R - Ridge(s)
T - Terrace(s)
U - Undulating

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	SURFACE EXPRESSION CODE	CODETABLE CODE	N	VARCHAR2	10
	Surface expression refers to the form and patterns of form of the surficial material within the polygon. Given the fact that a canopy of trees often blankets the ground surface, a simple classification attribute was selected. Surface expression is relatively easy to photo interpret on the medium scale photography and together with the attributes "modifying processes" and "site position meso" will provide clues to soil parent material and useful site classification data.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE surface expression for one or more VEGETATION COVER POLYGON ADJ
MAY BE surface expression for one or more VEGETATION COVER POLYGON EST
MAY BE surface expression for one or more VEGETATION COVER POLYGON PRJ
MAY BE expression for one or more VEGETATION COVER POLYGON STG

** = Relationships in primary unique identifier.*

Unique Identifiers:

SEC PK *Primary Y*

SURFACE EXPRESSION CODE

Entity Name: TREE COVER LAYER ADJUSTED

Short Name: TCLA

Plural: TREE COVER LAYER ADJUSTED

Init. Volume: 3600000 *Avg. Volume:* 3780000 *Max. Volume:* 4000000 *Annual Growth Rate:* 5%

Description:

The table that maintains the unique business identification of a layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TREE COVER LAYER ADJUSTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for an adjusted polygon's tree cover layer.				
	LAYER ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.				
	CROWN CLOSURE PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	The photo-estimated percentage of ground area that is covered by the vertically projected crowns of the tree cover and layer within the polygon. It is expressed as a percentage of the entire polygon area.				
	BASAL AREA	BASAL AREA	Y	NUMBER	10,6
	Basal area is the total cross sectional area (at breast height), of all living trees visible to the photo interpreter. It is measured from the dominant, codominant and high intermediate crown positions, for each tree layer in the polygon. Basal area is expressed as square metres per hectare. It is used for the determination of species composition and timber volume. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below, but extending into the general level of trees around them.				
	VRI LIVE STEMS PER HA	STEMS PER HA	Y	NUMBER	8,3
	The average number of living trees visible to the photo interpreter in the dominant, co-dominant and high intermediate crown positions in each tree layer in the polygon. It is expressed as stems per hectare. This attribute is also called stand density.				
	ESTIMATED SITE INDEX	SITE INDEX	Y	NUMBER	5,3
	Contains a numeric value that equates to a site's value, compared to the species.				
	MINIMUM ADJUSTMENT DBH	HEIGHT - BREAST DIAMETER	Y	NUMBER	3,1
	The cross sectional tree area at breast height.This attribute may be either observed, as per Vegetation Inventory data collection specifications, or calculated from growth projection models, e.g. VDYP.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

Entity Name: TREE COVER LAYER ADJUSTED (cont'd) *Short Name:* TCLA

MAY BE adjusted by factor one or more ADJUSTMENT FACTOR ADJUSTED
MAY BE has tree cover pattern one and only one COVER PATTERN CODE
MAY BE describes data source basal area one and only one DATA SOURCE BASAL AREA CODE
MAY BE describes interpreted data source one and only one DATA SOURCE INTERPRETED CODE
MAY BE describes stems per ha one and only one DATA SRC VRI LIVE STEM HA CODE
MAY BE describes site index source code one and only one ESTIMATED SINDEX SOURCE CODE
MAY BE describes forest cover rank one and only one FOREST COVER RANK CODE
MAY BE described by one and only one LAYER LEVEL CODE
MAY BE describes non forest descriptor one and only one NON FOREST DESCRIPTOR CODE
MAY BE has projection layer one and only one PROJECTION LAYER CODE
MAY BE is composed of one or more TREE SPECIES ADJUSTED
MUST BE describes tree maturity for one and only one VEGETATION COVER POLYGON ADJUSTED
MAY BE describes vertical complexity one and only one VERTICAL COMPLEXITY CODE
MAY BE has est site index species one and only one VRIMS TREE SPECIES CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

TCLA UK *Primary N*

MAY BE described by one and only one LAYER LEVEL CODE
MUST BE describes tree maturity for one and only one VEGETATION COVER POLYGON ADJUSTED

TCLA PK *Primary Y*

TREE COVER LAYER ADJUSTED ID

Entity Name: TREE COVER LAYER ESTIMATED

Short Name: TCLE

Plural: TREE COVER LAYER ESTIMATED

Init. Volume: 3600000 *Avg. Volume:* 3780000 *Max. Volume:* 4000000 *Annual Growth Rate:* 5%

Description:

The table that maintains the unique business identification of a layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TREE COVER LAYER ESTIMATED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for an estimated polygon's tree cover layer.				
	LAYER ORDER	NUMERIC ORDER	Y	NUMBER	3
	The unique business identification of a layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.				
	CROWN CLOSURE PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	The photo-estimated percentage of ground area that is covered by the vertically projected crowns of the tree cover and layer within the polygon. It is expressed as a percentage of the entire polygon area.				
	BASAL AREA	BASAL AREA	Y	NUMBER	10,6
	Basal area is the total cross sectional area (at breast height), of all living trees visible to the photo interpreter. It is measured from the dominant, codominant and high intermediate crown positions, for each tree layer in the polygon. Basal area is expressed as square metres per hectare. It is used for the determination of species composition and timber volume. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below, but extending into the general level of trees around them.				
	VRI LIVE STEMS PER HA	STEMS PER HA	Y	NUMBER	8,3
	The average number of living trees visible to the photo interpreter in the dominant, co-dominant and high intermediate crown positions in each tree layer in the polygon. It is expressed as stems per hectare. This attribute is also called stand density.				
	ESTIMATED SITE INDEX	SITE INDEX	Y	NUMBER	5,3
	Contains a numeric value that equates to a site's value, as compared to the species.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE has tree cover pattern one and only one COVER PATTERN CODE

MAY BE basal area sourced from one and only one DATA SOURCE BASAL AREA CODE

MAY BE has interpreted data source one and only one DATA SOURCE INTERPRETED CODE

MAY BE stems per ha sourced from one and only one DATA SRC VRI LIVE STEM HA CODE

MAY BE has site index source one and only one ESTIMATED SINDEX SOURCE CODE

Entity Name: TREE COVER LAYER ESTIMATED (cont'd) *Short Name:* TCLE

MAY BE has forest cover rank one and only one FOREST COVER RANK CODE

MAY BE of layer one and only one LAYER LEVEL CODE

MAY BE has non-forest descriptor one and only one NON FOREST DESCRIPTOR CODE

MAY BE is composed of one or more TREE SPECIES ESTIMATED

MUST BE describes tree maturity for one and only one VEGETATION COVER POLYGON ESTIMATED

MAY BE has vertical complexity one and only one VERTICAL COMPLEXITY CODE

MAY BE has est site index species one and only one VRIMS TREE SPECIES CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

TCLE UK *Primary N*

MUST BE describes tree maturity for one and only one VEGETATION COVER POLYGON ESTIMATED
MAY BE of layer one and only one LAYER LEVEL CODE

TCLE PK *Primary Y*

TREE COVER LAYER ESTIMATED ID

Entity Name: TREE COVER LAYER PROJECTED

Short Name: TCLP

Plural: TREE COVER LAYER PROJECTED

Init. Volume: 3600000 *Avg. Volume:* 3780000 *Max. Volume:* 4000000 *Annual Growth Rate:* 5%

Description:

This maintains the unique business identification of a projected layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TREE COVER LAYER PROJECTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for a projected polygon's tree cover layer.				
	LAYER ORDER	NUMERIC ORDER	N	NUMBER	3
	The order of a layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.				
	CROWN CLOSURE PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	The photo-estimated percentage of ground area that is covered by the vertically projected crowns of the tree cover and layer within the polygon. It is expressed as a percentage of the entire polygon area.				
	BASAL AREA	BASAL AREA	Y	NUMBER	10,6
	Basal area is the total cross sectional area (at breast height), of all living trees visible to the photo interpreter. It is measured from the dominant, codominant and high intermediate crown positions, for each tree layer in the polygon. Basal area is expressed as square metres per hectare. It is used for the determination of species composition and timber volume. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below, but extending into the general level of trees around them.				
	VRI LIVE STEMS PER HA	STEMS PER HA	Y	NUMBER	8,3
	The average number of living trees visible to the photo interpreter in the dominant, co-dominant and high intermediate crown positions in each tree layer in the polygon. It is expressed as stems per hectare. This attribute is also called stand density.				
	ESTIMATED SITE INDEX	SITE INDEX	Y	NUMBER	5,3
	Contains a numeric value that equates to a site's value, as compared to the species.				
	MINIMUM ADJUSTMENT DBH	HEIGHT - BREAST DIAMETER	Y	NUMBER	3,1
	The cross sectional tree area at breast height.This attribute may be either observed, as per Vegetation Inventory data collection specifications, or calculated from growth projection models, e.g. VDYP.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

Entity Name: TREE COVER LAYER PROJECTED (cont'd) *Short Name:* TCLP

MAY BE has tree cover pattern one and only one COVER PATTERN CODE
MAY BE basal area sourced from one and only one DATA SOURCE BASAL AREA CODE
MAY BE interpreted data sourced from one and only one DATA SOURCE INTERPRETED CODE
MAY BE stems per ha sourced from one and only one DATA SRC VRI LIVE STEM HA CODE
MAY BE has site index source one and only one ESTIMATED SINDEX SOURCE CODE
MAY BE forest cover rank described by one and only one FOREST COVER RANK CODE
MAY BE layer at level one and only one LAYER LEVEL CODE
MAY BE of non-forest descriptor one and only one NON FOREST DESCRIPTOR CODE
MAY BE is composed of one or more TREE SPECIES PROJECTED
MUST BE describes tree maturity for one and only one VEGETATION COVER POLYGON PROJECTED
MAY BE has vertical complexity of one and only one VERTICAL COMPLEXITY CODE
MAY BE has est site index species one and only one VRIMS TREE SPECIES CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

TCLP UK *Primary N*

MUST BE describes tree maturity for one and only one VEGETATION COVER POLYGON PROJECTED
MAY BE layer at level one and only one LAYER LEVEL CODE

TCLP PK *Primary Y*

TREE COVER LAYER PROJECTED ID

Entity Name: TREE COVER LAYER STAGING

Short Name: TCLS

Plural: TREE COVER LAYER STAGING

Init. Volume: 90000 *Avg. Volume:* 90000 *Max. Volume:* 120000 *Annual Growth Rate:* 0%

Description:

This maintains the unique business identification of a layer or horizontal stratum, that is being staged within a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TREE COVER LAYER STAGING ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for a staging polygon's tree cover layer.				
	LAYER ORDER	NUMERIC ORDER	Y	NUMBER	3
	The order of a layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.				
	CROWN CLOSURE PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
	The photo-estimated percentage of ground area that is covered by the vertically projected crowns of the tree cover and layer within the polygon. It is expressed as a percentage of the entire polygon area.				
	BASAL AREA	BASAL AREA	Y	NUMBER	10,6
	Basal area is the total cross sectional area (at breast height), of all living trees visible to the photo interpreter. It is measured from the dominant, codominant and high intermediate crown positions, for each tree layer in the polygon. Basal area is expressed as square metres per hectare. It is used for the determination of species composition and timber volume. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below, but extending into the general level of trees around them.				
	VRI LIVE STEMS PER HA	STEMS PER HA	Y	NUMBER	8,3
	The average number of living trees visible to the photo interpreter in the dominant, co-dominant and high intermediate crown positions in each tree layer in the polygon. It is expressed as stems per hectare. This attribute is also called stand density.				
	ESTIMATED SITE INDEX	SITE INDEX	Y	NUMBER	5,3
	Contains a numeric value that equates to a site's value, as compared to the species.				
	MINIMUM ADJUSTMENT DBH	HEIGHT - BREAST DIAMETER	Y	NUMBER	3,1
	The cross sectional tree area at breast height.This attribute may be either observed, as per Vegetation Inventory data collection specifications, or calculated from growth projection models, e.g. VDYP.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

Entity Name: TREE COVER LAYER STAGING (cont'd) *Short Name:* TCLS

MAY BE adjusted by factor one or more ADJUSTMENT FACTOR STAGING
MAY BE has tree cover pattern one and only one COVER PATTERN CODE
MAY BE basal area sourced by one and only one DATA SOURCE BASAL AREA CODE
MAY BE of interpreted data source one and only one DATA SOURCE INTERPRETED CODE
MAY BE stems per ha sourced by one and only one DATA SRC VRI LIVE STEM HA CODE
MAY BE of site index source code one and only one ESTIMATED SINDEX SOURCE CODE
MAY BE of forest cover rank one and only one FOREST COVER RANK CODE
MAY BE layer at level one and only one LAYER LEVEL CODE
MAY BE has non forest descriptor one and only one NON FOREST DESCRIPTOR CODE
MAY BE has projection layer one and only one PROJECTION LAYER CODE
MAY BE is composed of one or more TREE SPECIES STAGING
MUST BE describes tree maturity for one and only one VEGETATION COVER POLYGON STAGING
MAY BE has vertical complexity one and only one VERTICAL COMPLEXITY CODE
MAY BE has est site index species one and only one VRIMS TREE SPECIES CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

TCLS UK *Primary N*

MUST BE describes tree maturity for one and only one VEGETATION COVER POLYGON STAGING
MAY BE layer at level one and only one LAYER LEVEL CODE

TCLS PK *Primary Y*

TREE COVER LAYER STAGING ID

Entity Name: TREE SPECIES ADJUSTED

Short Name: TSA

Plural: TREE SPECIES ADJUSTED

Init. Volume: 8000000 *Avg. Volume:* 8400000 *Max. Volume:* 8820000 *Annual Growth Rate:* 5%

Description:

The table that maintains the business area supplied sequence of tree species. Normally, tree species are ordered by the Estimated Composition Percentage, however, this attribute represents the implied distinction where the percentage is the same. For example, where Estimated Composition Percentage is equal for two tree species, their supplied sequence implies an order of business preference.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TREE SPECIES ADJUSTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for an adjusted polygon's tree species.				
	SPECIES ORDER	SPECIES ID	N	NUMBER	1
	The order of the tree species importance, in terms of the dominance that a species has within the stand. Normally, tree species are ordered by the Estimated Composition Percentage, however, this attribute represents the implied distinction where the percentage is the same. For example, where Estimated Composition Percentage is equal for two tree species, their supplied sequence implies an order of business preference. This attribute was previously represented as the SPECIES_ID in the LRDW, but has been extracted from the primary key to abstract the business meaning of the attribute's value away from the database's physical dependance on it. This allows the primary key of the table to be changed (possibly required by a data fix or new processing method) without changing the business meaning of the SPECIES ORDER value.				
	SPECIES PCT	PERCENTAGE 5,2	N	NUMBER	5,2
	Percentages of the layer that each tree species occupies. For older stands, tree species percentage is based on relative basal area; for younger stands, tree species percentage is based on the number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.				
	AGE	NUMERIC AGE	Y	NUMBER	4,1
	Age is an average age, weighted by basal area, of the dominant, codominant and high intermediate trees for the leading and second species of each tree layer identified. Stand age can be based on an estimate from aerial photographs. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them. This value is not generally present for codominant species in the stand.				
	HEIGHT	HEIGHT - TREE SPECIES	Y	NUMBER	5,3
	The average height, weighted by basal area, of the dominant, co-dominant, and high intermediate trees for the leading and second species of each tree layer identified. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them. This value is not generally present for codominant species in the stand.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

Entity Name: TREE SPECIES ADJUSTED (cont'd) *Short Name:* TSA

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE adjusted by factor one or more ADJUSTMENT FACTOR ADJUSTED

MAY BE describes source age one and only one DATA SOURCE AGE CODE

MAY BE describes source height one and only one DATA SOURCE HEIGHT CODE

MUST BE describes a tree species within one and only one TREE COVER LAYER ADJUSTED

MAY BE has leading commercial/brush species one and only one VRIMS TREE SPECIES CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

TSA UK *Primary N*

SPECIES ORDER

MUST BE describes a tree species within one and only one TREE COVER LAYER ADJUSTED

TSA PK *Primary Y*

TREE SPECIES ADJUSTED ID

Entity Name: TREE SPECIES ESTIMATED

Short Name: TSE

Plural: TREE SPECIES ESTIMATED

Init. Volume: 8000000 *Avg. Volume:* 8400000 *Max. Volume:* 8820000 *Annual Growth Rate:* 5%

Description:

The table that maintains the business area supplied sequence of tree species. Normally, tree species are ordered by the Estimated Composition Percentage, however, this attribute represents the implied distinction where the percentage is the same. For example, where Estimated Composition Percentage is equal for two tree species, their supplied sequence implies an order of business preference.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TREE SPECIES ESTIMATED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for an estimated polygon's tree species.				
	SPECIES ORDER	SPECIES ID	N	NUMBER	1
	The order of the tree species importance, in terms of the dominance that a species has within the stand. Normally, tree species are ordered by the Estimated Composition Percentage, however, this attribute represents the implied distinction where the percentage is the same. For example, where Estimated Composition Percentage is equal for two tree species, their supplied sequence implies an order of business preference. This attribute was previously represented as the SPECIES_ID in the LRDW, but has been extracted from the primary key to abstract the business meaning of the attribute's value away from the database's physical dependance on it. This allows the primary key of the table to be changed (possibly required by a data fix or new processing method) without changing the business meaning of the SPECIES ORDER value.				
	SPECIES PCT	PERCENTAGE 5,2	N	NUMBER	5,2
	Percentages of the layer that each tree species occupies. For older stands, tree species percentage is based on relative basal area; for younger stands, tree species percentage is based on the number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.				
	AGE	NUMERIC AGE	Y	NUMBER	4,1
	Age is an average age, weighted by basal area, of the dominant, codominant and high intermediate trees for the leading and second species of each tree layer identified. Stand age can be based on an estimate from aerial photographs. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them. This value is not generally present for codominant species in the stand.				
	HEIGHT	HEIGHT - TREE SPECIES	Y	NUMBER	5,3
	The average height, weighted by basal area, of the dominant, co-dominant, and high intermediate trees for the leading and second species of each tree layer identified. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them. This value is not generally present for codominant species in the stand.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

Entity Name: TREE SPECIES ESTIMATED (cont'd) *Short Name:* TSE

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE age sourced by one and only one DATA SOURCE AGE CODE

MAY BE height sourced by one and only one DATA SOURCE HEIGHT CODE

MUST BE describes a tree species within one and only one TREE COVER LAYER ESTIMATED

MAY BE has leading commercial/brush species one and only one VRIMS TREE SPECIES CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

TSE UK *Primary* *N*

SPECIES ORDER

MUST BE describes a tree species within one and only one TREE COVER LAYER ESTIMATED

TSE PK *Primary* *Y*

TREE SPECIES ESTIMATED ID

Entity Name: TREE SPECIES PROJECTED

Short Name: TSP

Plural: TREE SPECIES PROJECTED

Init. Volume: 8000000 *Avg. Volume:* 8400000 *Max. Volume:* 8820000 *Annual Growth Rate:* 5%

Description:

This maintains the business area supplied sequence of a projected tree species. Normally, tree species are ordered by the Estimated Composition Percentage, however, this attribute represents the implied distinction where the percentage is the same. For example, where Estimated Composition Percentage is equal for two tree species, their supplied sequence implies an order of business preference.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TREE SPECIES PROJECTED ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for a projected polygon's tree species.				
	SPECIES ORDER	SPECIES ID	N	NUMBER	1
	The order of the tree species importance, in terms of the dominance that a species has within the stand. Normally, tree species are ordered by the Estimated Composition Percentage, however, this attribute represents the implied distinction where the percentage is the same. For example, where Estimated Composition Percentage is equal for two tree species, their supplied sequence implies an order of business preference. This attribute was previously represented as the SPECIES_ID in the LRDW, but has been extracted from the primary key to abstract the business meaning of the attribute's value away from the database's physical dependance on it. This allows the primary key of the table to be changed (possibly required by a data fix or new processing method) without changing the business meaning of the SPECIES ORDER value.				
	SPECIES PCT	PERCENTAGE 5,2	N	NUMBER	5,2
	Percentages of the layer that each tree species occupies. For older stands, tree species percentage is based on relative basal area; for younger stands, tree species percentage is based on the number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.				
	AGE	NUMERIC AGE	Y	NUMBER	4,1
	Age is an average age, weighted by basal area, of the dominant, codominant and high intermediate trees for the leading and second species of each tree layer identified. Stand age can be based on an estimate from aerial photographs. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them. This value is not generally present for codominant species in the stand.				
	HEIGHT	HEIGHT - TREE SPECIES	Y	NUMBER	5,3
	The average height, weighted by basal area, of the dominant, co-dominant, and high intermediate trees for the leading and second species of each tree layer identified. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them. This value is not generally present for codominant species in the stand.				
	DERIVED SITE INDEX	DERIVED SITE INDEX	Y	NUMBER	3,1
	Derived site index is an model predicted site index for tree layers with a leading species age greater than 30 years. Site index is the mean height of the dominant and codominant trees will attain at a base index age (50 years) used for the purposes of estimating forest site growth capability. The site index is based on a normalized set of coefficients calibrated to reflect the range of heights for a given tree species.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30

Entity Name: TREE SPECIES PROJECTED (cont'd) *Short Name:* TSP

Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE of source age one and only one DATA SOURCE AGE CODE

MAY BE of source height one and only one DATA SOURCE HEIGHT CODE

MAY BE is composed of one or more PROJECTED YIELD

MUST BE describes a tree species within one and only one TREE COVER LAYER PROJECTED

MAY BE has leading commercial/brush species one and only one VRIMS TREE SPECIES CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

TSP UK *Primary N*

SPECIES ORDER

MUST BE describes a tree species within one and only one TREE COVER LAYER PROJECTED

TSP PK *Primary Y*

TREE SPECIES PROJECTED ID

Entity Name: TREE SPECIES STAGING

Short Name: TSS

Plural: TREE SPECIES STAGING

Init. Volume: 180000 *Avg. Volume:* 180000 *Max. Volume:* 180000 *Annual Growth Rate:* 0%

Description:

The table that maintains the business area supplied sequence of tree species. Normally, tree species are ordered by the Estimated Composition Percentage, however, this attribute represents the implied distinction where the percentage is the same. For example, where Estimated Composition Percentage is equal for two tree species, their supplied sequence implies an order of business preference.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TREE SPECIES STAGING ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numerical identifier for a staging polygon's tree species.				
	SPECIES ORDER	SPECIES ID	Y	NUMBER	1
	The order of the tree species importance, in terms of the dominance that a species has within the stand. Normally, tree species are ordered by the Estimated Composition Percentage, however, this attribute represents the implied distinction where the percentage is the same. For example, where Estimated Composition Percentage is equal for two tree species, their supplied sequence implies an order of business preference. This attribute was previously represented as the SPECIES_ID in the LRDW, but has been extracted from the primary key to abstract the business meaning of the attribute's value away from the database's physical dependance on it. This allows the primary key of the table to be changed (possibly required by a data fix or new processing method) without changing the business meaning of the SPECIES ORDER value. Due to the possibly invalid nature of Staging area data, the SPECIES ORDER is optional in this context only.				
	SPECIES PCT	PERCENTAGE 5,2	Y	NUMBER	5,2
	Percentages of the layer that each tree species occupies. For older stands, tree species percentage is based on relative basal area; for younger stands, tree species percentage is based on the number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.				
	AGE	NUMERIC AGE	Y	NUMBER	4,1
	Age is an average age, weighted by basal area, of the dominant, codominant and high intermediate trees for the leading and second species of each tree layer identified. Stand age can be based on an estimate from aerial photographs. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them. This value is not generally present for codominant species in the stand.				
	HEIGHT	HEIGHT - TREE SPECIES	Y	NUMBER	5,3
	The average height, weighted by basal area, of the dominant, co-dominant, and high intermediate trees for the leading and second species of each tree layer identified. Note: Dominant trees have well developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them. This value is not generally present for codominant species in the stand.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30

Entity Name: TREE SPECIES STAGING (cont'd) *Short Name:* TSS

Updated by userid

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE adjusted by factor one or more ADJUSTMENT FACTOR STAGING

MAY BE of source age one and only one DATA SOURCE AGE CODE

MAY BE of source height one and only one DATA SOURCE HEIGHT CODE

MUST BE describes a tree species within one and only one TREE COVER LAYER STAGING

MAY BE has leading commercial/brush species one and only one VRIMS TREE SPECIES CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

TSS UK *Primary N*

SPECIES ORDER

MUST BE describes a tree species within one and only one TREE COVER LAYER STAGING

TSS PK *Primary Y*

TREE SPECIES STAGING ID

Entity Name: VEG COMP LAYER *Short Name:* VEG_VCL

Plural: VEG COMP LAYER

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

This is a denormalized summary table combining fields from the following tables: TREE_COVER_LAYER, TREE_SPECIES, TREE_SPECIES_VOLUME, CORP_ORG_UNIT. This table contains a static cut of the VRI data projected to current year and will be updated annually. It is intended for strategic level resource analysis using the current GIS tools.ArcGIS users will link this table to VEG_COMP_POLYGON.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	FEATURE_ID		N	VARCHAR2	32
	Provincially unique identifier for an instance of a spatial feature.				
*	LAYER_ID		N	VARCHAR2	1
	The unique business identification of a layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.				
	FOR_COVER_RANK_CD		Y	VARCHAR2	1
	A numeric designation of the relative importance of the layer component in the stand as determined by the business. The level of importance decreases as the numeric designation increases. For Vegetation Cover originated data, this value is assigned via business rule based on the supplied order of the layer records as recorded by the interpreter. For FIP originated data, this value is known as the RANK CD, and is explicitly supplied by the interpreter. The RANK CD, or ranking, is based on Regional guidelines at the time of interpretation. This value is retained for FIP transition purposes, as tree volumes are only calculated by VDYP, the current software/mathematical model in production. The RANK CD will be superseded in time when Vegetation Inventory projection tools are developed.				
	NON_FOREST_DESCRIPTOR		Y	VARCHAR2	5
	Non commercial forest vegetation on a polygon that is capable of supporting commercial forests. Maps directly to the FIP attribute, NON FOREST DESCRIPTOR and is also utilized for the determination of the BC Land Cover Classification. This is a FIP classification based attribute only, and is retained for the purposes of business transition from FIP to Vegetation Inventory.				
	INTERPRETED_DATA_SRC_CD		Y	NUMBER	2,0
	The source of the data that contributed to the determination of the classification description. All values taken from Table 3-1, PIP This list of values is similar, but not identical to the FIP DATA SOURCE which will be used to validate the FIP file prior to loading. Non-conforming FIP DATA SOURCE values will be converted to the VEGETATION DATA SOURCE values on load to the Vegetative Cover database.				
	QUAD_DIAM_125		Y	NUMBER	4,1
	The quadratic mean stand diameter (breast height), at the projection date, based on the 22.5 cm utilization level. Calculated for Rank 1 stands only, type id (TYPID) 1 through 3.				
	QUAD_DIAM_175		Y	NUMBER	4,1
	The quadratic mean stand diameter (breast height), at the projection date, based on the 17.5 cm utilization level. Calculated for Rank 1 stands only, Type id (TYPID) for 1 through 3.				
	QUAD_DIAM_225		Y	NUMBER	4,1
	The quadratic mean stand diameter (breast height), at the projection date, based on the 22.5 cm utilization level.Calculated for Rank 1 stands only, type id (TYPID) 1 through 3.				
	EST_SITE_INDEX_SPECIES_CD		Y	VARCHAR2	3
	The species to which the estimated site index applies.				
	EST_SITE_INDEX		Y	NUMBER	2,0
	Estimated site index is an interpreter estimated site index for tree layers with a leading species age less than 31 years. Site index is the mean height of the dominant and codominant trees will attain at a base index age (50 years) used for the purposes of				

Entity Name: VEG COMP LAYER (cont'd) *Short Name:* VEG_VCL

estimating forest site growth capability. The site index is based on a normalized set of coefficients calibrated to reflect the range of heights for a given tree species.

DERIVED_SITE_INDEX_CD Y VARCHAR2 1

Derived site index is an model predicted site index for tree layers with a leading species age greater than 30 years. Site index is the mean height of the dominant and codominant trees will attain at a base index age (50 years) used for the purposes of estimating forest site growth capability. The site index is based on a normalized set of coefficients calibrated to reflect the range of heights for a given tree species.

REF_YEAR_TYPE_ID Y NUMBER 2,0

The classification derived from the layer's vegetation cover at the time of data collection (i.e. reference year). The classification reflects the value, importance or status of the vegetation cover with respect to forestry values. Classifications are distinct and range from 1 to 9.

PROJ_TYPE_ID Y NUMBER 2,0

The classification of the layer's vegetation cover at the year of projection. The classification reflects the absence or value/importance/status of the vegetation cover with respect to forestry values.

INVENTORY_TYPE_GROUP_SRC_CD Y VARCHAR2 1

The data source of the value of the Inventory Type Group (a grouping of the leading species and their relative composition percent). This has been renamed from the FIP attribute, INVENTORY TYPE GROUP ORIGIN. An additional value of 'TBL' has been added on conversion to the Vegetative Cover Database to explicitly represent the occurence of a blank.

INVENTORY_TYPE_GROUP_NUM Y NUMBER 2,0

The designation of species composition by one of 42 type groups, each being a unique combination of pure or mixed species.

VOLUME_ADJ_FACTOR Y NUMBER 4,2

A factor or constant value applied to the volume calculation. Historically, decay, waste and breakage have been applied to the tree volumes (as reductions) though under the Vegetation Inventory design, direct adjustments to tree volume are applied

HIST_CLASS_S_CD Y VARCHAR2 1

A code for the site class (e.g. stand productivity) at the time of classification. This is a derived field based on the height and age of the leading species. Retained for historical purposes only.

HIST_CLASS_SS_CD Y VARCHAR2 1

A code indicating that the old site class of the stand, based on stand age and height, does not reflect the productive capacity of the land due to masking by external agents or to a high degree of variability between heights and ages. This special site classification is based on an assessment of physical and biological factors. Used for historical purposes only.

CROWN_CLOSURE Y NUMBER 3,0

The percentage of ground area covered by the vertically projected crowns of the tree cover for each tree layer within the polygon.

STOCKING_CLASS_CD Y VARCHAR2 1

A code describing the stocking class of the layer at the reference year. Stocking class is based on leading commercial species, stand age and/or the size (diameter) and number of stems per hectare. It is a FIP base attribute that is semantically overloaded with meaning. It is being retained in the Vegetative Cover database to facilitate the interim operation of the tree volume derivation routine, VDYP. Stocking Class variously means: immature, mature trees, density and diameter distribution combinations for certain tree species, and harvested with a remaining canopy. It is expected that this attribute will be eliminated once VDYP 6 dependencies are removed..

STOCKING_CLASS_SRC_CD Y VARCHAR2 1

A code indicating whether the layer's Stocking Class was input (e.g. measured or estimated) or derived.

REFERENCE_DATE Y DATE

Entity Name: VEG COMP LAYER (cont'd) *Short Name:* VEG_VCL

The date of the source data on which the interpretation is based. Known as the 'Reference Year' in the VIF file.

PROJECTED_STOCKING_CLASS_CD Y VARCHAR2 1

A code describing the stocking class of the layer at the year of projection. Stocking class is determined based on the leading commercial species and/or the size (diameter) and number of stems per hectare.

SITE_INDEX Y NUMBER 4,1

Site index is an estimate of site productivity for tree growth (height in metres at breast height age of 50 years). The mean height of the dominant and codominant trees will attain at a base index age used for the purposes of estimating forest site growth capability. The site index is based on a normalized set of coefficients calibrated to reflect the range of heights for a given tree species.

YEAR_OF_ESTAB Y DATE

The year the tree began to grow; applied to a layer (FIP) or a tree species (Vegetative Cover). Known as the Year of Stand Establishment in the FIP file.

DBH_LIMIT Y NUMBER 2,0

A code indicating the minimum diameter breast height (DBH) for measuring trees (i.e. stems) in the field sample. For example, a code of 3 indicates that stems were measured if they had a DBH greater than or equal to 7.5cm.

CULMINATION_MAI_125 Y NUMBER 4,1

The maximum annual increment in stand volume at the 12.5 cm utilization level. Culmination MAI is determined net decay only and only for type id (TYPID) 1, 2, 3, 4, 5 and 9. It is the Increment of tree volume to a given age in years divided by that age for that utilization level

CULMINATION_MAI_175 Y NUMBER 4,1

The maximum annual increment in stand volume at the 17.5 cm utilization level. Culmination MAI is determined net decay only and only for type id (TYPID) 1, 2, 3, 4, 5 and 9. It is the total increment of tree volume to a given age in years divided by that age for that utilization level

CULMINATION_MAI_225 Y NUMBER 4,1

The maximum annual increment in stand volume at the 22.5 cm utilization level. Culmination MAI is determined net decay only and only for type id (TYPID) 1, 2, 3, 4, 5 and 9. It is the total increment of tree volume to a given age in years divided by that age for that utilization level

CONF_INDEX_BASAL_AREA_CD Y NUMBER 2,0

Confidence indices are a subjective value that reflect confidence of the photo interpreter in the estimation of basal area for each layer.

DATA_SOURCE_BASAL_AREA_CD Y NUMBER 2,0

The source of data used for the interpretation of basal area.

VRI_LIVE_STEMS_PER_HA Y NUMBER 6,0

The average number of living trees visible to the photo interpreter in the dominant, codominant and high intermediate crown positions in each tree layer in the polygon. It is expressed as stems per hectare.

DATA_SRC_VRI_LIVE_STEM_HA_CD Y NUMBER 2,0

The source of data used for the interpretation of stand density.

VRI_DEAD_STEMS_PER_HA Y NUMBER 4,0

The number of VRI dead tree stems on an unitary per hectare basis.

TREE_COVER_PATTERN Y NUMBER 2,0

The spatial distribution of the tree cover within each tree layer in the polygon. Definition Source: p 6-1, PIP Data Value Source; Figure 6-1

VERTICAL_COMPLEXITY Y NUMBER 2,0

The subjective classification that describes the form of each tree layer as indicated by the relative uniformity of the forest canopy as it appears on mid-scale aerial photographs.

Entity Name: VEG COMP LAYER (cont'd) *Short Name:* VEG_VCL

Vertical complexity is influenced by stand age, species (succession as it relates to shade tolerance) and degree and age of past disturbances. The tree height range is calculated as the total difference in height between the tallest and shortest visible dominant, codominant, and high intermediate trees. To most adequately represent the tree layer of interest, occasional occurrences of either very tall or very short trees should be ignored so that the vertical complexity indicated is for the majority of stems in the dominant, codominant, and high intermediate portion of each tree layer.

LOSS_TYPE_CD Y VARCHAR2 3

This field is intended to hold a code indicating the method use to determine the methodology used to determine the volume reductions due to decay. The field is currently not populated in the Oracle data base

SPECIES_CD_1 Y VARCHAR2 4

The code indicating the type of tree species predominate or leading in the tree layer. A "leading" species is identified as being the highest percent basal area or, if a very young stand, the relative number of stems per hectare. Species are described in terms of Genus, Species and variety.

SPECIES_PCT_1 Y NUMBER 3,0

Percentages of the layer that the leading species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES_CD_2 Y VARCHAR2 4

The code indicating the type of tree species second most dominate in the tree layer. A "second" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES_PCT_2 Y NUMBER 3,0

Percentages of the layer that the second most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES_CD_3 Y VARCHAR2 4

The code indicating the type of tree species third most dominate in the tree layer. A "third" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES_PCT_3 Y NUMBER 3,0

Percentages of the layer that the third most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES_CD_4 Y VARCHAR2 4

The code indicating the type of tree species fourth most dominate in the tree layer. The "fourth" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES_PCT_4 Y NUMBER 3,0

Percentages of the layer that the fourth most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES_CD_5 Y VARCHAR2 4

The code indicating the type of tree species fifth most dominate in the tree layer. The "fifth" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES_PCT_5 Y NUMBER 3,0

Percentages of the layer that the fifth most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative

Entity Name: VEG COMP LAYER (cont'd) *Short Name:* VEG_VCL

number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES_CD_6 Y VARCHAR2 4

The code indicating the type of tree species sixth most dominate in the tree layer. The "sixth" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES_PCT_6 Y NUMBER 3,0

Percentages of the layer that the sixth most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

AGE_1 Y NUMBER 3,0

The age of a stand at the time of classification, for Species 1. Stand age is based on a ring count from a bored core plus a correction for the age of the tree below the core sample height. Stand age can also be based on an estimate from aerial photographs.

PROJ_AGE_1 Y NUMBER 3,0

The age projected to the adjustment area ground sample date, for Species 1.

AGE_2 Y NUMBER 3,0

The age of a stand at the time of classification, for Species 2. Stand age is based on a ring count from a bored core plus a correction for the age of the tree below the core sample height. Stand age can also be based on an estimate from aerial photographs.

PROJ_AGE_2 Y NUMBER 3,0

The age projected to the adjustment area ground sample date, for Species 2.

DATA_SOURCE_AGE_CD Y NUMBER 3,0

The source of data used for the interpretation of year of origin (age), for Species 1.

UPDATE_AGE_DATE Y DATE

The date the DATE OF ORIGIN (tree age to many users) was revised after it was originally interpreted as part of the Vegetation Inventory classification. For Species 1.

HEIGHT_1 Y NUMBER 4,1

The average height, weighted by basal area, of the dominant, codominant, and high intermediate trees for the leading and second species of each tree layer identified. For Species 1.

PROJ_HEIGHT_1 Y NUMBER 4,1

The height projected to the adjustment area ground sample date, for Species 1.

HEIGHT_2 Y NUMBER 4,1

The average height, weighted by basal area, of the dominant, codominant, and high intermediate trees for the leading and second species of each tree layer identified. For Species 2.

PROJ_HEIGHT_2 Y NUMBER 4,1

The height projected to the adjustment area ground sample date, for Species 2.

DATA_SOURCE_HEIGHT_CD Y NUMBER 2,0

The source of data used for the interpretation of height, for Species 1.

UPDATE_HEIGHT_DATE Y DATE

The year, after year of photography, that an update or revision has occurred to the height of the leading tree species in the layer of the polygon. These fields will only be used after the initial inventory has been completed. For Species 1.

VOL_PER_HA_SPP1_125 Y NUMBER 7,1

This is the Net volume per hectare of the leading species determined by percent basal area of the tree layer at the 12.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

Entity Name: VEG COMP LAYER (cont'd) *Short Name:* VEG_VCL

VOL_PER_HA_SPP1_175 Y NUMBER 7,1

This is the Net volume per hectare of the leading species determined by percent basal area of the tree layer at the 17.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP1_225 Y NUMBER 7,1

This is the Net volume per hectare of the leading species determined by percent basal area of the tree layer at the 22.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP2_125 Y NUMBER 7,1

This is the Net volume per hectare of the second species determined by percent basal area of the tree layer at the 12.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP2_175 Y NUMBER 7,1

This is the Net volume per hectare of the second species determined by percent basal area of the tree layer at the 17.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP2_225 Y NUMBER 7,1

This is the Net volume per hectare of the second species determined by percent basal area of the tree layer at the 22.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP3_125 Y NUMBER 7,1

This is the Net volume per hectare of the third species determined by percent basal area of the tree layer at the 12.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP3_175 Y NUMBER 7,1

This is the Net volume per hectare of the third species determined by percent basal area of the tree layer at the 17.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP3_225 Y NUMBER 7,1

This is the Net volume per hectare of the third species determined by percent basal area of the tree layer at the 22.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP4_125 Y NUMBER 7,1

Entity Name: VEG COMP LAYER (cont'd) *Short Name:* VEG_VCL

This is the Net volume per hectare of the fourth species determined by percent basal area of the tree layer at the 12.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP4_175 Y NUMBER 7,1

This is the Net volume per hectare of the fourth species determined by percent basal area of the tree layer at the 17.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP4_225 Y NUMBER 7,1

This is the Net volume per hectare of the fourth species determined by percent basal area of the tree layer at the 22.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP5_125 Y NUMBER 7,1

This is the Net volume per hectare of the fifth species determined by percent basal area of the tree layer at the 12.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP5_175 Y NUMBER 7,1

This is the Net volume per hectare of the fifth species determined by percent basal area of the tree layer at the 17.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP5_225 Y NUMBER 7,1

This is the Net volume per hectare of the fifth species determined by percent basal area of the tree layer at the 22.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP6_125 Y NUMBER 7,1

This is the Net volume per hectare of the sixth species determined by percent basal area of the tree layer at the 12.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP6_175 Y NUMBER 7,1

This is the Net volume per hectare of the sixth species determined by percent basal area of the tree layer at the 17.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

VOL_PER_HA_SPP6_225 Y NUMBER 7,1

This is the Net volume per hectare of the sixth species determined by percent basal area of

Entity Name: VEG COMP LAYER (cont'd) *Short Name:* VEG_VCL

the tree layer at the 22.5 cm utilization level. Net volume per hectare is determined as gross volume less decay, waste, and breakage. Depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. Net volumes are calculated for Rank 1 layers only, Typid 1 through 3.

ORG_UNIT_NO	N	NUMBER	10,0

Number from Org Unit code table representing the organization that collected the data.

ORG_UNIT_CODE	N	VARCHAR2	18

Identifies any office within the ministry. First character identifies Exec, HQ branch, Region, or District. Next two chars identify the office name; next two the section (HQ Branch) or program (Region or District); last char identifies the subsection.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE has feature one and only one VEG COMP POLY

** = Relationships in primary unique identifier.*

Unique Identifiers:

VEG_VCL_PK *Primary Y*

FEATURE_ID
LAYER_ID

Entity Name: VEG COMP POLY

Short Name: VEG_VCP

Plural: VEG COMP POLY

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

This is a denormalized summary table combining fields from the following tables: VEG_VEGETATION_COVER_POLYGON, VEG_DATA_SET_VERSION, VEG_LABEL, VEGETATIVE_COVER, RESOURCE_INVENTORY_HISTORY, RSLT_OPENING, NON_VEGETATIVE_COVER, LAND_COVER_COMPONENT, CORP_ORG_UNIT. This table contains a static cut of the VRI data projected to current year and will be updated annually. It is intended for strategic level resource analysis using the current GIS tools.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	FEATURE_ID		N	VARCHAR2	32
	Provincially unique identifier for an instance of a spatial feature.				
	OBJECT_VERSION_SKEY		N	NUMBER	28,0
	A unique identifer for the object instance				
	MAP_ID		N	VARCHAR2	7
	Identifies the Forest Cover Map corresponding to the FIP file. It is the British Columbia Geographic System's (BCGS) Key Reference Number of the Forest Cover Map. The mapsheet most commonly used is the 6' X 12' BCGS mapsheet.				
	POLYGON_ID		N	NUMBER	6,0
	The polygon number is a reference number (non unique) assigned to each Vegetated or Non-Vegetated polygon after it is delineated. The polygon number provides a link between the graphic and descriptive files. The business assigned unique identifier for a polygon. Typically this has been uniquely assigned within a BCGS 6 X 12 Mapsheet.				
	OPENING_IND		Y	VARCHAR2	1
	Indicates whether or not the polygon represents a silviculture opening.				
	OPENING_SOURCE		Y	VARCHAR2	5
	Defines whether the opening came from ISIS or MLSIS This field is not populated in the current data model.				
	OPENING_NUMBER		Y	VARCHAR2	4
	A unique number assigned to each opening in the forest caused by a disturbance (e.g. fire, logging, etc.) for which there will be management activities.				
	FEATURE_CLASS_SKEY		N	NUMBER	38,0
	Unique identifier for a feature class.				
	INVENTORY_STANDARD_CD		Y	VARCHAR2	1
	Code indicating under which inventory standard the data was collected. Values are: "V:" for Vegetation Resources Inventory (VRI), "F" for Forest Inventory Planning (FIP) and "I" for Incomplete (when a full set of VRI attributes is not collected).				
	POLYGON_AREA		Y	NUMBER	10,3
	The area of a polygon; usually derived from geographic information system processing software. The total area, in hectares, of the forest cover polygon. The total area should be equal to the sum of the areas for all resultants in that polygon.				
	NON_PRODUCTIVE_DESCRIPTOR_CD		Y	VARCHAR2	5
	A unique code that references the classes or type of non-productive areas or land that is incapable of supporting commercial forests. This is a FIP classification based attribute only, and is retained for the purposes of business transition from FIP to Vegetation Inventory. There is no expectation that this attribute would be updated or created under Vegetation Inventory classification practise.				
	NON_PRODUCTIVE_CD		Y	NUMBER	2,0
	A unique numeric code that references the classes or type of non-productive areas. This is a FIP classification based attribute only, and is retained for the purposes of business transition from FIP to Vegetation Inventory. There is no expectation that this attribute would be updated or created under Vegetation Inventory classification practise.				

Entity Name: VEG COMP POLY (cont'd) *Short Name:* VEG_VCP

INPUT_DATE	Y	DATE	

The date the forest cover information was entered into the Provincial Data Base.

COAST_INTERIOR_CD	Y	VARCHAR2	1

A code indicating that the stand is located in the Coast or Interior Region of the Province. The Coast Region is defined as the mainland west of the Cascade and Coast Mountains, including the off-shore islands. Forest Inventory Zones (FIZ) A to C are included in the Coast region. The Interior Region is defined as the mainland east of the Cascade and Coast Mountains. Forest Inventory Zones (FIZ) D to L are included in the Interior Region.

COAST_INTERIOR_DATA_SRC_CD	Y	VARCHAR2	3

The source of the assigned Coast Interior Cd for the polygon. This is not populated in the current Oracle Data model.

SURFACE_EXPRESSION	Y	VARCHAR2	1

The form of surficial material apparent on the medium scale photography. A simplified attribution is used owing to the likelihood that the trees will mask suficial features. Decription Source: p. 3-5, Photo Interpretation Procedures, Phase 1, May 14, 1996. Data Value Source: Table 3-2, from Description Source

MODIFYING_PROCESS	Y	VARCHAR2	1

A natural mechanism of weathering, erosion and soil material deposition that result in the modification of surficial materials and landforms. Used for terrain classification, site classification, soil condition and identification of potential hazards such as avalanches, slope instability and flooding. Data Definition Source: p.3-7, Photo Interpretation Procedures, Phase 1, May 14, 1996 Data Value Source: Table 3-3, from Data Definition Source.

SITE_POSITION_MESO	Y	VARCHAR2	1

A code denoting the relative position of the sampling site within a catchment area with the intent to be consistent within the scale of topography affecting surface water flow. The vertical difference is usually between 3 and 300m, and the surface area generally exceeds 0.5 has in size. Also known as slope position or meso site position. Definition Source: "Describing Ecosystems in the Field", MOE Manual 11, Province of B.C. 1990, p. 31.

ALPINE_DESIGNATION	Y	VARCHAR2	1

The location of the land unit with respect to location and elevation. An interpretation is applied as to whether the tree unit is above or below the tree line, that is, the upper elevation limit of continuous tree, or potential tree if cut-over, cover. If the land unit is above the the elevation line, a code of 'A' is applied, otherwise 'N', the default. Description Source: p. 3-11, Photo Interpretation Procedures, Phase 1, May 14, 1996. Data Value Source: Table 3-5, from Description Source

SOIL_NUTRIENT_REGIME	Y	VARCHAR2	1

A code to denote, on a relative scale, the available nutrient supply for plant growth. The soil's nutrient regime (trophotope) integrates many environmental and biotic parameters which, in combination, determine the actual amounts of available nutrients. Definition Source: Reference: "Describing Ecosystems in the Field", MOE Manual 11, Province of B.C. 1990, p37-40 Soil Nutrient Regime (SNR) refers to the amount of essential soil nutrients, particularly nitrogen, available to vascular plants over a period of several years. SNR classes include A (very poor), B (poor), C (medium), D (rich), E (very rich) and F (ultra rich, saline).

ECOSYS_CLASS_DATA_SRC_CD	Y	NUMBER	2,0

The source of the data used in the interpretation of the ecological attributes (Surface expression, modifying process, site position meso, alpine designation, and soil nutrient regime) that describe the polygon.

BCLCS_LEVEL_1	Y	VARCHAR2	2

The code for the land cover classification. The codes are approved by the Resource Inventory Committee, RIC. Level 1 identifies a Vegetated or Non-vegetated state, with further dichotomous refinement to Level 5, which identifies the Vegetation Density Class related to Vegetated land, or specific Non-vegetated state cover such as beaches, mudflats etc.

BCLCS_LEVEL_2	Y	VARCHAR2	2

Entity Name: VEG COMP POLY (cont'd) *Short Name:* VEG_VCP

The second level of the BC land cover classification scheme classifies the polygon as to the land cover type: treed or non-treed for vegetated polygons; land or water for non-vegetated polygons.

BCLCS_LEVEL_3 Y VARCHAR2 2

The location of the polygon relative to elevation and drainage, and is described as either alpine, wetland, or upland. In rare cases, the polygon may be alpine wetland.

BCLCS_LEVEL_4 Y VARCHAR2 2

Classifies the vegetation types and Non-Vegetated cover types (as described by the presence of distinct types upon the land base within the polygon).

BCLCS_LEVEL_5 Y VARCHAR2 2

Classifies the vegetation density classes and Non-Vegetated categories.

PRI_UTIL_LEVEL_CD Y NUMBER 2,0

The utilization level defines the stump height and top diameter, inside bark, between which the volume of individual trees are determined. The primary level of utilization refers to the 'highest' or 'closest' use of the individual trees in determining stand volumes for Timber Supply Analyses. For example, volumes per hectare in the Interior Region, include trees with a stump inside bark diameter of 12.5 cm or greater (utilization code '04'). Attributes that are used to determine volumes by different utilization levels include: stump height, stump inside bark diameter, top inside bark diameter, main stem taper.

SEC_UTIL_LEVEL_CD Y NUMBER 2,0

The utilization level defines the stump height and top diameter, inside bark, between which the volume of individual trees are determined. The secondary level of utilization refers to the medium' use of the individual trees in determining stand volumes for Timber Supply Analyses. For example, volumes per hectare in the Interior Region, include trees with a stump inside bark diameter of 17.5 cm or greater (utilization code '08'). Attributes that are used to determine volumes by different utilization levels include: stump height, stump inside bark diameter, top inside bark diameter, main stem taper.

INTERPRETER Y VARCHAR2 30

The name of the person who provided the estimates for the data associated with each polygon.

INTERPRETATION_DATE Y DATE

The date on which the data was photo interpreted.

PROJECT Y VARCHAR2 30

The business assigned name of the project. The name typically reflects a Timber Supply Area, an initiating Agency, or a land area.

DATE_OF_PHOTOGRAPHY Y DATE

The reference date of the photo from which data was interpreted .

SPECIAL_CRUISE_NUMBER Y NUMBER 4,0

The numeric code of the Public Sustained Yield Unit(s) (PSYU) that fall within the forest cover polygon. PSYUs are areas of land, usually a natural topographic unit determined by drainage areas. Includes PSYUs, Tree Farm Licences (TFL), Tree Farms (TF), Major Parks and Ecological Reserves, Woodlot licences, and miscellaneous areas.

SPECIAL_CRUISE_NUMBER_CD Y VARCHAR2 1

The numbers of the Public Sustained Yield Unit (PSYU) Block(s) that fall within the forest cover polygon. PSYU Blocks are subdivisions of a PSYU, and indicate the presence of a sub-unit survey (i.e. 1:10,000 scale inventory).

INVENTORY_REGION Y NUMBER 2,0

The Inventory Region(s) that fall within the forest cover polygon. Inventory Regions are an administrative and planning level boundary used to subdivide the Province into 88 units. Inventory Region is also part of the reference key for identifying the geographic location of all Inventory Branch samples. Inventory Region, along with Inventory Compartment and Compartment Letter, form the key to identifying the Inventory samples.

COMPARTMENT Y NUMBER 3,0

The Inventory Compartment(s) that fall within the forest cover polygon. Inventory

Entity Name: VEG COMP POLY (cont'd) *Short Name:* VEG_VCP

Compartments are a geographic subdivision of an Inventory Region, usually defining a watershed or part thereof. Inventory Compartment is also part of the reference key for identifying the geographic location of all Inventory Branch samples. Inventory Compartment, along with Compartment Letter and Inventory Region form the key to identifying Inventory samples.

COMPARTMENT_LETTER Y VARCHAR2 1

The Compartment Letter(s) that fall within the forest cover polygon. Compartment Letter is a geographic subdivision of an Inventory Compartment. Compartment Letter only applies to some Inventory Compartments (e.g. only in Inventory Regions 1, 3, 5, 6, 7, 9, 10, 11, 56). Compartment Letter is also part of the reference key for identifying the geographic location of all Inventory Branch samples. Compartment Letter, along with Inventory Compartment and Inventory Region form the key to identifying Inventory samples.

FIZ_CD Y VARCHAR2 1

The Forest Inventory Zone(s) (FIZ) that fall within the forest cover polygon. FIZ zones were developed to provide a broadly based ecological classification of the forestland in British Columbia. FIZ zones closely follow the early Biogeoclimatic zones developed by Dr. Krajina. The province of British Columbia is split into 12 FIZ zones.

MD_DATA_SOURCE_CODE Y VARCHAR2 10

The data source for this feature (e.g. GPS).

MD_CAPTURE_METHOD_CD Y VARCHAR2 10

A code to identify the method of capture for the feature. d.g. DIGI - Digitized.

MD_DATA_ACCURACY_CD Y VARCHAR2 3

The degree of accuracy at which this feature was captured.

MD_OBSERVATION_DATE Y DATE

The date of photography or survey. It is used to indicate that a photo that was used to capture the data could be 5 years old.

MD_RETIREMENT_DATE Y DATE

The date the feature is deleted from the spatial file.

MD_COMMENT Y VARCHAR2 255

A comment regarding the feature.

ATTRIBUTION_BASE_DATE Y DATE

The date that the information about this polygon is considered to be based on. This is not currently populated in the LRDW.

PROJECTED_DATE Y DATE

The date to which time dependent stand information is projected. Attributes that are projected to a future date include: - Age, - Age Class, - Height, - Height Class, - Type Identity, - Stocking Class, etc.

ADJUSTMENT_AREA_ID Y NUMBER 9,0

A unique ID representing an adjustment area.

SHRUB_HEIGHT Y NUMBER 4,1

The average height of the shrubs contained in the polygon as interpreted from medium scale photography. Note that this attribute only applies to the Shrub component. Definition Source: p. 7-2, PIP

SHRUB_CROWN_CLOSURE Y NUMBER 3,0

Shrub crown closure is the percentage of ground area covered by the vertically projected crowns of the shrub cover visible to the photo interpreter. Shrub crown closure is expressed as a percentage of the entire polygon.

SHRUB_COVER_PATTERN Y NUMBER 2,0

Shrub cover pattern is a code that describes the spatial distribution of the shrubs within the polygon. Shrub cover pattern is used to describe the shrub layer spatial distribution. Examples include clumps of shrubs on rocky patches or individual shrubs or solid, continuous cover

HERB_COVER_TYPE Y VARCHAR2 2

Entity Name: VEG COMP POLY (cont'd) *Short Name:* VEG_VCP

This set of attributes describes the portion of herb cover that is no obscured by the vertical projection of the crowns of either trees or shrubs. Herbs are defined as non-woody (vascular) plants, including graminoids (sedges, rushes, grasses), forbs (ferns, club mosses, and horsetails) and some low, woody species and intermediate life forms.

HERB_COVER_PATTERN Y NUMBER 2,0

Herb cover pattern is a code that describes the spatial distribution of the herbaceous species within the polygon. Herb cover pattern is used to describe the herb layer spatial distribution. Examples include clumps of herbaceous species on rock outcrops, scattered patches or individual herbs or solid, continuous herbaceous cover.

HERB_COVER_PCT Y NUMBER 3,0

Herb cover percent is the percentage of ground area covered by herbaceous cover visible to the photo interpreter. Herb cover percent is analogous to tree and shrub crown closures and is expressed as a percentage of the entire polygon.

BRYOID_COVER_PCT Y NUMBER 3,0

The percent cover of Bryoids: includes bryophytes (mosses, liverworts, hornworts) and non-crustose lichens.

NON_VEG_COVER_PATTERN_1 Y NUMBER 2,0

Non-vegetated cover pattern_1 describes the spatial distribution of the most prevalent non-vegetated cover type based on percent area covered within the polygon. Definition Source: pp.7-4 (fig. 7-2), 8-5 (fig. 8-2), same as pp. 10-7, fig. 10-2, PIP

NON_VEG_COVER_PCT_1 Y NUMBER 3,0

The area the predominate non-vegetated portion covers expressed as a percentage of the entire polygons area. Definition Source: p. 10-5, PIP

NON_VEG_COVER_TYPE_1 Y VARCHAR2 2

Non-vegetated cover type_1 is the designation for the predominate observable non-vegetated land cover within the polygon.

NON_VEG_COVER_PATTERN_2 Y NUMBER 2,0

Non-vegetated cover pattern_2 describes the spatial distribution of the second most prevalent non-vegetated cover type based on percent area covered within the polygon. Definition Source: pp. 7-4 (fig. 7-2), 8-5 (fig. 8-2), same as pp. 10-7, fig. 10-2, PIP

NON_VEG_COVER_PCT_2 Y NUMBER 3,0

The area the second most prevalent non-vegetated portion covers expressed as a percentage of the entire polygons area. Definition Source: p. 10-5, PIP

NON_VEG_COVER_TYPE_2 Y VARCHAR2 2

Non-vegetated cover type_2 is the designation for the second most prevalent observable non-vegetated land cover within the polygon.

NON_VEG_COVER_PATTERN_3 Y NUMBER 2,0

Non-vegetated cover type_3 is the designation for the third most prevalent observable non-vegetated land cover within the polygon.

NON_VEG_COVER_PCT_3 Y NUMBER 3,0

The area the third most prevalent non-vegetated portion covers expressed as a percentage of the entire polygons area. Definition Source: p. 10-5, PIP

NON_VEG_COVER_TYPE_3 Y VARCHAR2 2

Non-vegetated cover type_3 is the designation for the third most prevalent observable non-vegetated land cover within the polygon.

LAND_COVER_CLASS_CD_1 Y VARCHAR2 2

The Land Cover Classification Code_1 describes the predominate land cover type by percent area occupied within the polygon that contribute to the overall polygon description, but may be too small to be spatially identified. The sub-division of a polygon by a quantified Land Cover Component, allowing non-spatial resolution for modeling of wildlife habitat capability.

EST_COVERAGE_PCT_1 Y NUMBER 3,0

The amount the polygon occupied by the predominate Land Cover Component. The sub-

Entity Name: VEG COMP POLY (cont'd) *Short Name:* VEG_VCP

division of a polygon by a quantified Land Cover Component allows a higher degree spatial resolution for modelling wildlife habitat capability. Generally, sizes under 10% would not be estimated. Definition Source: p. 4-6, PIP

SOIL_MOISTURE_REGIME_1 Y NUMBER 2,0

The average amount of soil water annually available for evapotranspiration by vascular plants averaged over many years within the predominate cover type. Soil Moisture Regime is an interpretative attribute for estimation of site potential and site series classification. Definition Source: p. 4-7, PIP

LAND_COVER_CLASS_CD_2 Y VARCHAR2 2

The Land Cover Classification Code_2 describes the second most dominate land cover type by percent area occupied within the polygon that contribute to the overall polygon description, but may be too small to be spatially identified. The sub-division of a polygon by a quantified Land Cover Component, allowing non-spatial resolution for modelling of wildlife habitat capability.

EST_COVERAGE_PCT_2 Y NUMBER 3,0

The amount the polygon occupied by the second most dominate Land Cover Component. The sub-division of a polygon by a quantified Land Cover Component allows a higher degree spatial resolution for modelling wildlife habitat capability. Generally, sizes under 10% would not be estimated. Definition Source: p. 4-6, PIP

SOIL_MOISTURE_REGIME_2 Y NUMBER 2,0

The average amount of soil water annually available for evapotranspiration by vascular plants averaged over many years within the second most dominate cover type. Soil Moisture Regime is an interpretative attribute for estimation of site potential and site series classification. Definition Source: p. 4-7, PIP

LAND_COVER_CLASS_CD_3 Y VARCHAR2 2

The Land Cover Classification Code_3 describes the third most dominate land cover type by percent area occupied within the polygon that contribute to the overall polygon description, but may be too small to be spatially identified. The sub-division of a polygon by a quantified Land Cover Component, allowing non-spatial resolution for modelling of wildlife habitat capability.

EST_COVERAGE_PCT_3 Y NUMBER 3,0

The amount the polygon occupied by the third most dominate Land Cover Component. The sub-division of a polygon by a quantified Land Cover Component allows a higher degree spatial resolution for modelling wildlife habitat capability. Generally, sizes under 10% would not be estimated. Definition Source: p. 4-6, PIP

SOIL_MOISTURE_REGIME_3 Y NUMBER 2,0

The average amount of soil water annually available for evapotranspiration by vascular plants averaged over many years within the second most dominate cover type. Soil Moisture Regime is an interpretative attribute for estimation of site potential and site series classification. Definition Source: p. 4-7, PIP

AVAIL_LABEL_HEIGHT Y NUMBER 38,10

The available height for a label, in meters for a 1:15,000 map presentation. This is derived during the label generation process to calculate if the VRI label will fit within a polygon shape or be written the map side.

AVAIL_LABEL_WIDTH Y NUMBER 38,10

The available width for a label, in meters for a 1:15,000 map presentation. This is derived during the label generation process to calculate if the VRI label will fit within a polygon shape or be written the map side.

FULL_LABEL N VARCHAR2 500

The full Vegetation Map label. It contains the polygon id, Opening number, species composition, projected age, projected height, site index and crown closure, and indicator of shrub, herb, bryoid, or non vegetative components, and the historic disturbance and forest management activities. It is at most 8 lines. Back slashes represent carriage returns.

LABEL_CENTRE_X Y NUMBER 38,10

The x co-ordinate of the suggested centre of the label.

Entity Name: VEG COMP POLY (cont'd) *Short Name:* VEG_VCP

LABEL_CENTRE_Y	Y	NUMBER	38,10
The y co-ordinate of the suggested centre of the label.			
LABEL_HEIGHT	Y	NUMBER	38,0
The height of the full label for a 1:15,000 map presentation in meters. It is calculated as 30 times the number of lines in the full label.			
LABEL_WIDTH	Y	NUMBER	38,0
The width of the full label for a 1:15,000 map presentation in meters. It is calculated as 18 times the number of characters in the longest line.			
LINE_1_OPENING_NUMBER	Y	VARCHAR2	4
The MOF District Silviculture opening number to which the polygon applies to.			
LINE_1_OPENING_SYMBOL_CD	Y	VARCHAR2	1
The opening symbol code is represented as one of the following characters: 'x', '|', or '~'. If the opening number is null, line 1 is not populated, so there is no opening symbol. If the adjoining NTS map number is in the form "num num num char num / char", it is an NTS number, the corresponding opening symbol is a hexagon with an 'N' in it, and is represented here by '~'. If the adjoining NTS map number is in the form "num num num char num num num", it is a BCGS number, the corresponding opening symbol is a hexagon with an 'X' in it, and is represented here by '|'. Otherwise the opening symbol is an empty hexagon, and is represented here by 'x'.			
LINE_2_POLYGON_ID	Y	VARCHAR2	10
The polygon ID for which this is the label. This is followed by /L (a multi-layered stand) or /S (a separate silviculture description is available in the data base).			
LINE_3_TREE_SPECIES	Y	VARCHAR2	50
A list of major species (minor species), ordered by percentage. The species symbols are F (Douglas fir), C (western red cedar), H (hemlock), B (balsam), S (spruce), Sb (black spruce), Yc (yellow cedar), Pw (western white pine), Pa (whitebark pine), Pf (limber pine), Pl (lodgepole pine), Pj (jack pine), Py (yellow pine), L (larch), Ac (cottonwood), D (red alder), Mb (broadleaf maple), E (birch), Al (aspen).			
LINE_4_CLASSES_INDEXES	Y	VARCHAR2	12
Line 4 is made up of 4 numerical characters followed by a hyphen, the site index, a slash, and the estimated site index. The four numerical characters represent projected age class, projected height class, projected stocking class, and crown closure class in that order.			
LINE_5_VEGETATION_COVER	Y	VARCHAR2	11
A listing of the non-vegetated descriptors or the non tree vegetative cover types ordered from most to least common. Possible values in the list are sh (shrub), he (herb), by (bryoid), or the non-vegetative cover codes.			
LINE_6_SITE_PREP_HISTORY	Y	VARCHAR2	80
The site preparation history represented by a list of abbreviations for the techniques used, followed by the years each technique was used. Possible values for the abbreviations are B (broadcast burn) C (chemical), G (grass seeded), H (hand preparation), RB (range management burn), S (spot burn), M (mechanical), MS (mechanical and spot burn), and W (windrow).			
LINE_7_ACTIVITY_HIST_SYMBOL	Y	VARCHAR2	1
A symbol representing what techniques where used in the labelled area. The symbol is a circle with 0 to 4 radius lines. Each line represents a technique applied to the labelled area.If RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST(stand tending) then and draw as circle with a radius line pointing leftIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = SI(regeneration/site preparation) then % draw as circle with a radius line pointing (up/down)If RESOURCE_INVENTORY_HISTORY.SILV_BASE = DI(disturbance) then and draw as circle with a radius line pointing rightIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = PL(regeneration/site preparation) then % draw as circle with a radius line pointing (up/down)If RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and SI then < draw as combination of the above circles and radius linesIf			

Entity Name: VEG COMP POLY (cont'd) *Short Name:* VEG_VCP

RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and DI then ` draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and PL then : draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = SI and DI then * draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = SI and PL then X draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = DI and PL then ; draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and PL and DI then ? draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and SI and DI then @ draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = PL and ST and SI then [draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = SI and DI and PL then \ draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and SI and DI an d PL then ^ draw as combination of the above circles.

LINE_7A_STAND_TENDING_HISTORY Y VARCHAR2 39

The stand tending history represented by a list of abbreviations for the techniques used followed by the years each technique was used. Possible values for the abbreviations are F (fertilization), H (hand and squirt), J (juvenile spacing), M (mistletoe control), P (pruning), R (conifer realize), S (sanitation spacing), T (commercial thinning), W (brushing and weeding).

LINE_7B_DISTURBANCE_HISTORY Y VARCHAR2 40

The disturbance history described as a list of abbreviations for the techniques along with the years each technique was employed. Possible values are B (wildfire), BE (escaped burn), BG (ground burn), BR (range burn), BW (wildlife burn), D (disease), F (flooding), I (insect), K (fume kill), L (logging), L% (logged with percentage), R (site rehabilitation), S (slide), and W (wind throw).

LINE_8_PLANTING_HISTORY Y VARCHAR2 80

The planting (or regeneration) history described as a list of years during which artificial planting was performed.

PRINTABLE N VARCHAR2 1

"Y" means print the label. "N" means do not print the label.

SMALL_LABEL N VARCHAR2 100

The two-line (or Format 3) version of the label. This label contains, at most, 2 lines build from the line 1 and 2 attributes. A back slash represents a carriage return.

VIF_VER_HIST_ID_1 Y NUMBER 38,0

A unique, generated identifier for a RI history record. History has been SKEYed as it may relate to either a Vegetation polygon OR to a Tree Layer within a Vegetation polygon. Given the either or nature of the record an skey is appropriate as the buiness key will have nulls from the Tree Layer primary key when the record is for the entire polygon.

VIF_VER_HIST_ID_2 Y NUMBER 38,0

A unique, generated identifier for a RI history record. History has been SKEYed as it may relate to either a Vegetation polygon OR to a Tree Layer within a Vegetation polygon. Given the either or nature of the record an skey is appropriate as the buiness key will have nulls from the Tree Layer primary key when the record is for the entire polygon.

VIF_VER_HIST_ID_3 Y NUMBER 38,0

A unique, generated identifier for a RI history record. History has been SKEYed as it may relate to either a Vegetation polygon OR to a Tree Layer within a Vegetation polygon. Given the either or nature of the record an skey is appropriate as the buiness key will have nulls from the Tree Layer primary key when the record is for the entire polygon.

OPENING_ID Y NUMBER 10,0

Entity Name: VEG COMP POLY (cont'd) *Short Name:* VEG_VCP

System generated value uniquely identifying the opening.

ORG_UNIT_NO	N	NUMBER	10,0

Number from Org Unit code table representing the organization that collected the data.

ORG_UNIT_CODE	N	VARCHAR2	18

Identifies any office within the ministry. First character identifies Exec, HQ branch, Region, or District. Next two chars identify the office name; next two the section (HQ Branch) or program (Region or District); last char identifies the subsection.

GEOMETRY	Y	NUMBER	38,0

A spatial polygon feature used to store the map component of the Vegetation Cover area.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE feature for one or more VEG COMP LAYER

** = Relationships in primary unique identifier.*

Unique Identifiers:

VEG_VCP_VEG_VCP2_UK	*Primary*	*N*
OBJECT_VERSION_SKEY		
POLYGON_ID		
VEG_VCP_PK	*Primary*	*Y*
FEATURE_ID		

Entity Name: VEGETATION COVER POLYGON ADJUST *Short Name:* VCPA

Plural: VEGETATION COVER POLYGON ADJ

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

Describes a Forest Cover Object that has been successfully integrated from the staging area, by means of the update process. This provides the core attribution associated with the stand, as it was adjusted from the original data. Adjustments may be made in isolation from the original data, or may be a result of changes to the estimated data, which would actually represent a new sample of a stand or plot. As such, adjusted polygons (and attribution) may be present when there are no corresponding estimated polygons. This represents a middle stage in the life cycle of a Forest Cover Object, as they are integrated from the staging area into the estimated and/or adjusted areas.

The structure of the entity has been intentionally made to parallel other entities of similar names in the other components of the system. This was done in order to ease transition of data between the components, as the polygon transitions through its life cycle.

Attributes:

Name	*Domain*	*Opt*	*Format*	*Length*
INPUT DATE	DATE TIME	Y	DATE	
The date the vegetation cover information was entered into the Provincial Data Base.				
VRI DEAD STEMS PER HA	STEM COUNT	Y	NUMBER	4,0
The number of standing dead trees visible to the photo interpreter in the dominant, codominant and high intermediate crown positions in each tree layer. Snag frequency is expressed as stems per hectare for each tree layer. The snag frequency provides a direct estimate of snags per hectare that can be used for wildlife and fire management. Note: Dominant trees have well-developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them.				
SHRUB HEIGHT	HEIGHT - SHRUB	Y	NUMBER	4,1
The average height of the shrubs contained in the polygon as interpreted from medium scale photography.				
SHRUB CROWN CLOSURE	PERCENTAGE 3,0	Y	NUMBER	3,0
Shrub crown closure is the percentage of ground area covered by the vertically projected crowns of the shrub cover visible to the photo interpreter. Shrub crown closure is expressed as a percentage of the entire polygon.				
HERB COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
Herb cover percent is the percentage of ground area covered by herbaceous cover visible to the photo interpreter. Herb cover percent is analogous to tree and shrub crown closures and is expressed as a percentage of the entire polygon.				
BRYOID COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
The percent cover of Bryoids: includes bryophytes (mosses, liverworts, hornworts) and non-crustose lichens.				
STOCKABILITY	STOCKABILITY	Y	NUMBER	4,1
An estimate of the percentage of polygon area that will eventually be stocked by trees. For example, a stockability value of 80% indicates that 20% of the area will never support tree growth.				
YIELD FACTOR	YIELD FACTOR	Y	NUMBER	5,3
An input to FIPSTART or VRISTART, two VDYP7 programs that generates the stand description that is required to project the polygon.				
REFERENCE YEAR	NUMERIC YEAR	Y	NUMBER	4,0
The year of the photo or source survey that was used to generate the VRI attributes.				
ADJUSTED IND	INDICATOR	N	VARCHAR2	1
Indicates the Polygon has been adjusted.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	

Entity Name: VEGETATION COVER POLYGON ADJUST (cont'd) *Short Name:* VCPA

Entry date/time				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE adjusts one or more ADJUSTMENT FACTOR ADJUSTED
MAY BE is adjusted by one or more ADJUSTMENT INPUT ADJUSTED
MAY BE has alpine designation one and only one ALPINE DESIGNATION CODE
MAY BE has first BCLCS level one and only one BCLCS LEVEL1 CODE
MAY BE has second BCLCS level one and only one BCLCS LEVEL2 CODE
MAY BE has third BCLCS level one and only one BCLCS LEVEL3 CODE
MAY BE has fourth BCLCS level one and only one BCLCS LEVEL4 CODE
MAY BE has fifth BCLCS level one and only one BCLCS LEVEL5 CODE
MAY BE in BEC Zone one and only one BEC ZONE CODE
MAY BE has herb cover pattern one and only one COVER PATTERN CODE
MAY BE has shrub pattern one and only one COVER PATTERN CODE
MAY BE ecosystem class sourced from one and only one DATA SOURCE ECOSYS CLASS CODE
* MUST BE provides adjustment of one and only one FOREST COVER OBJECT
MAY BE has herb cover type one and only one HERB COVER TYPE CODE
MAY BE describes soil makeup through one or more LAND COVER COMPONENT ADJ
MAY BE summarization described by one and only one LAYER SUMMARIZATION CODE
MAY BE has modifying process one and only one MODIFYING PROCESS CODE
MAY BE has non-productive VDYP descriptor one and only one NON PRODUCTIVE CODE
MAY BE has non-productive descriptor one and only one NON PRODUCTIVE DESCRIPTOR CODE
MAY BE shows non-veg coverage through one or more NON VEGETATIVE COVER ADJ
MAY BE adjusts one or more SAMPLES USED ADJUSTED
MAY BE has site position meso one and only one SITE POSITION MESO CODE
MAY BE has soil nutrient regime one and only one SOIL NUTRIENT REGIME CODE
MAY BE part of strata one or more STRATA POLYGON ADJUSTED
MAY BE has surface expression one and only one SURFACE EXPRESSION CODE
MAY BE divided vertically into one or more TREE COVER LAYER ADJUSTED
MAY BE has meta-information one and only one VEGETATION METADATA ADJUSTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

VCPA PK *Primary Y*

MUST BE provides adjustment of one and only one FOREST COVER OBJECT

Entity Name: VEGETATION COVER POLYGON ESTIMA *Short Name:* VCPE

Plural: VEGETATION COVER POLYGON EST

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

Describes a Forest Cover Object that has been successfully integrated from the staging area, by means of the update process. This provides the core attribution associated with the stand or plot, as it was collected (estimated) in the field. When an estimated polygon is loaded, an exact copy of the data will be copied (with all related attribution) to the adjusted area. This represents a middle stage in the life cycle of a Forest Cover Object, as they are integrated from the staging area into the estimated and/or adjusted areas.

The structure of the entity has been intentionally made to parallel other entities of similar names in the other components of the system. This was done in order to ease transition of data between the components, as the polygon transitions through its life cycle.

Attributes:

Name	*Domain*	*Opt*	*Format*	*Length*
INPUT DATE	DATE TIME	Y	DATE	
The date the vegetation cover information was entered into the Provincial Data Base.				
VRI DEAD STEMS PER HA	STEM COUNT	Y	NUMBER	4,0
The number of standing dead trees visible to the photo interpreter in the dominant, codominant and high intermediate crown positions in each tree layer. Snag frequency is expressed as stems per hectare for each tree layer. The snag frequency provides a direct estimate of snags per hectare that can be used for wildlife and fire management. Note: Dominant trees have well-developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them.				
SHRUB HEIGHT	HEIGHT - SHRUB	Y	NUMBER	4,1
The average height of the shrubs contained in the polygon as interpreted from medium scale photography.				
SHRUB CROWN CLOSURE	PERCENTAGE 3,0	Y	NUMBER	3,0
Shrub crown closure is the percentage of ground area covered by the vertically projected crowns of the shrub cover visible to the photo interpreter. Shrub crown closure is expressed as a percentage of the entire polygon.				
HERB COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
Herb cover percent is the percentage of ground area covered by herbaceous cover visible to the photo interpreter. Herb cover percent is analogous to tree and shrub crown closures and is expressed as a percentage of the entire polygon.				
BRYOID COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
The percent cover of Bryoids: includes bryophytes (mosses, liverworts, hornworts) and non-crustose lichens.				
REFERENCE YEAR	NUMERIC YEAR	Y	NUMBER	4,0
The year of the photo or source survey that was used to generate the VRI attributes.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Entry date/time				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

* = *Attributes in primary unique identifier.*

Relationships:

Entity Name: VEGETATION COVER POLYGON ESTIMA (cont'd) *Short Name:* VCPE

Each Occurrence Of This Entity:

MAY BE has alpine designation one and only one ALPINE DESIGNATION CODE
MAY BE has first BCLCS level one and only one BCLCS LEVEL1 CODE
MAY BE has second BCLCS level one and only one BCLCS LEVEL2 CODE
MAY BE has third BCLCS level one and only one BCLCS LEVEL3 CODE
MAY BE has fourth BCLCS level one and only one BCLCS LEVEL4 CODE
MAY BE has fifth BCLCS level one and only one BCLCS LEVEL5 CODE
MAY BE in bec zone one and only one BEC ZONE CODE
MAY BE has herb cover pattern one and only one COVER PATTERN CODE
MAY BE has shrub pattern one and only one COVER PATTERN CODE
MAY BE ecosystem class sourced from one and only one DATA SOURCE ECOSYS CLASS CODE
* MUST BE provides estimation of one and only one FOREST COVER OBJECT
MAY BE has herb cover type one and only one HERB COVER TYPE CODE
MAY BE describes soil makeup through one or more LAND COVER COMPONENT EST
MAY BE has modifying process one and only one MODIFYING PROCESS CODE
MAY BE has non-productive VDYP descriptor one and only one NON PRODUCTIVE CODE
MAY BE has non-productive descriptor one and only one NON PRODUCTIVE DESCRIPTOR CODE
MAY BE shows non-veg coverage through one or more NON VEGETATIVE COVER EST
MAY BE has site position meso one and only one SITE POSITION MESO CODE
MAY BE has soil nutrient regime one and only one SOIL NUTRIENT REGIME CODE
MAY BE has surface expression one and only one SURFACE EXPRESSION CODE
MAY BE divided vertically into one or more TREE COVER LAYER ESTIMATED

* = *Relationships in primary unique identifier.*

Unique Identifiers:

VCPE PK *Primary Y*

MUST BE provides estimation of one and only one FOREST COVER OBJECT

Entity Name: VEGETATION COVER POLYGON PROJEC *Short Name:* VCPP

Plural: VEGETATION COVER POLYGON PRJ

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

Describes a Forest Cover Object that has been projected into the future, by means of the projection process. A projection is always made based on data from the adjustment area and is used to forecast growth of coverage, as represented by the polygon. This represents a late stage in the life cycle of a Forest Cover Object, as they are projected from the adjustment area into the projected area.

The structure of the entity has been intentionally made to parallel other entities of similar names in the other components of the system. This was done in order to ease transition of data between the components, as the polygon transitions through its life cycle.

The projected area does however contain additional attribution that is used by the Labelling Process (also referred to as map notation), which takes fields such as "LINE 1 OPENING NUMBER" and "LABEL HEIGHT" and uses them to render additional information on map images/print outs. These attributes represent reformatted data that is present in other tables, but has been altered for display. Due to the nature of the label size and orientations being calculated from the polygon's geometry, it is neccessary to store this information, as not all clients will be able to render and calculate the information on their own.

Attributes:

Name	*Domain*	*Opt*	*Format*	*Length*
INPUT DATE	DATE TIME	Y	DATE	
The date the vegetation cover information was entered into the Provincial Data Base.				
VRI DEAD STEMS PER HA	STEM COUNT	Y	NUMBER	4,0
The number of standing dead trees visible to the photo interpreter in the dominant, codominant and high intermediate crown positions in each tree layer. Snag frequency is expressed as stems per hectare for each tree layer. The snag frequency provides a direct estimate of snags per hectare that can be used for wildlife and fire management. Note: Dominant trees have well-developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them.				
SHRUB HEIGHT	HEIGHT - SHRUB	Y	NUMBER	4,1
The average height of the shrubs contained in the polygon as interpreted from medium scale photography.				
SHRUB CROWN CLOSURE	PERCENTAGE 3,0	Y	NUMBER	3,0
Shrub crown closure is the percentage of ground area covered by the vertically projected crowns of the shrub cover visible to the photo interpreter. Shrub crown closure is expressed as a percentage of the entire polygon.				
HERB COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
Herb cover percent is the percentage of ground area covered by herbaceous cover visible to the photo interpreter. Herb cover percent is analogous to tree and shrub crown closures and is expressed as a percentage of the entire polygon.				
BRYOID COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
The percent cover of Bryoids: includes bryophytes (mosses, liverworts, hornworts) and non-crustose lichens.				
STOCKABILITY	STOCKABILITY	Y	NUMBER	4,1
An estimate of the percentage of polygon area that will eventually be stocked by trees. For example, a stockability value of 80% indicates that 20% of the area will never support tree growth.				
YIELD FACTOR	YIELD FACTOR	Y	NUMBER	5,3
An input to FIPSTART or VRISTART, two VDYP7 programs that generate the stand description that is required to project the polygon.				
REFERENCE YEAR	NUMERIC YEAR	Y	NUMBER	4,0
The year of the photo or source survey that was used to generate the VRI attributes.				

Entity Name: VEGETATION COVER POLYGON PROJEC (cont'd) *Short Name:* VCPP

ADJUSTED IND	INDICATOR	N	VARCHAR2	1

Indicates the Polygon has been adjusted.

LINE 1 OPENING NUMBER	POLY LABEL LINE	Y	VARCHAR2	100

The opening number to which this label applies.

LINE 1 OPENING SYMBOL CODE	POLY LABEL LINE	Y	VARCHAR2	100

The value here must be mapped to the drawn hexagon.

The opening symbol code is represented as one of the following characters: 'x', '|', or '~'. If the opening number is null, line 1 is not populated, so there is no opening symbol. If the adjoining NTS map number is in the form "num num num char num / char", it is an NTS number, the corresponding opening symbol is a hexagon with an 'N' in it, and is represented here by '~'. If the adjoining NTS map number is in the form "num num num char num num num", it is a BCGS number, the corresponding opening symbol is a hexagon with an 'X' in it, and is represented here by '|'. Otherwise the opening symbol is an empty hexagon, and is represented here by 'x'.

LINE 2 POLYGON ID	POLY LABEL LINE	Y	VARCHAR2	100

The polygon ID for which this is the label. This is followed by /L (a multi-layered stand) or /S (a separate silviculture description is available in the data base).

LINE 3 TREE SPECIES	POLY LABEL LINE	Y	VARCHAR2	100

A list of major species (minor species), ordered by percentage. The species symbols are F (Douglas fir), C (western red cedar), H (hemlock), B (balsam), S (spruce), Sb (black spruce), Yc (yellow cedar), Pw (western white pine), Pa (whitebark pine), Pf (limber pine), Pl (lodgepole pine), Pj (jack pine), Py (yellow pine), L (larch), Ac (cottonwood), D (red alder), Mb (broadleaf maple), E (birch), Al (aspen).

LINE 4 CLASSES INDEXES	POLY LABEL LINE	Y	VARCHAR2	100

Line 4 is made up of 4 numerical characters followed by a hyphen, the site index, a slash, and the estimated site index. The four numerical characters represent age class, height class, stocking class, and crown closure class in that order.

LINE 5 VEGETATION COVER	POLY LABEL LINE	Y	VARCHAR2	100

The non-productive descriptor (npd) or a list of what covers the ground odered from most to least common. Possible values in the list are sh (shrub), he (herb), by (bryoid), or ri (non-vegetative cover), ordered by pct cover.

LINE 6 SITE PREP HISTORY	POLY LABEL LINE	Y	VARCHAR2	100

The site preparation history represented by a list of abbreviations for the techniques used, followed by the years each technique was used. Possible values for the abbreviations are B (broadcast burn) C (chemical), G (grass seeded), H (hand preparation), RB (range management burn), S (spot burn), M (mechanical), MS (mechanical and spot burn), and W (windrow). Silviculture techniques with dates where silviculture base = SI.

LINE 7A STAND TENDING HISTORY	POLY LABEL LINE	Y	VARCHAR2	100

The stand tending history represented by a list of abbreviations for the techniques used followed by the years each technique was used. Possible values for the abbreviations are F (fertilization), H (hand and squirt), J (juvenile spacing), M (mistletoe control), P (pruning), R (conifer realize), S (sanitation spacing), T (commercial thinning), W (brushing and weeding). Silviculture techniques with dates where silviculture base = ST.

LINE 7 ACTIVITY HIST SYMBOL	POLY LABEL LINE	Y	VARCHAR2	100

A symbol representing what techniques where used in the labelled area. The symbol is a circle with 0 to 4 radius lines. Each line represents a technique applied to the labelled area.If RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST(stand tending) then and draw as circle with a radius line pointing leftIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = SI(regeneration/site preparation) then % draw as circle with a radius line pointing (up/down)If RESOURCE_INVENTORY_HISTORY.SILV_BASE = DI(disturbance) then $ draw as circle with a radius line pointing rightIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = PL(regeneration/site preparation) then % draw as circle with a radius line pointing (up/down)If RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and SI then < draw as

Entity Name: VEGETATION COVER POLYGON PROJEC (cont'd) *Short Name:* VCPP

combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and DI then ` draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and PL then : draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = SI and DI then * draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = SI and PL then X draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = DI and PL then ; draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and PL and DI then ? draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and SI and DI then @ draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = PL and ST and SI then [draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = SI and DI and PL then \ draw as combination of the above circles and radius linesIf RESOURCE_INVENTORY_HISTORY.SILV_BASE = ST and SI and DI an d PL then ^ draw as combination.

The value here must be mapped to the drawn history symbol.

LINE 7B DISTURBANCE HISTORY POLY LABEL LINE Y VARCHAR2 100

The disturbance history described as a list of abbreviations for the techniques along with the years each technique was employed. Possible values are B (wildfire), BE (escaped burn), BG (ground burn), BR (range burn), BW (wildlife burn), D (disease), F (flooding), I (insect), K (fume kill), L (logging), L% (logged with percentage), R (site rehabilitation), S (slide), and W (wind throw). Silviculture techniques with dates and percentages where silviculture base = DI.

LINE 8 PLANTING HISTORY POLY LABEL LINE Y VARCHAR2 100

The planting (or regeneration) history described as a list of years during which artificial planting was performed. Silviculture techniques with dates where silviculture base = PL.

SMALL LABEL POLY LABEL LINE 200 N VARCHAR2 200

The two-line (or Format 3) version of the label. This label contains, at most, 2 lines build from the line 1 and 2 attributes. A back slash represents a carriage return.

FULL LABEL POLY LABEL LINE 1000 N VARCHAR2 1000

The full label. It is at most 8 lines. Back slashes represent carriage returns.

PRINTABLE IND INDICATOR N VARCHAR2 1

Indicates that the label for the (projected) vegetation cover polygon is to be visually displayed (printed).

LABEL WIDTH LABEL DIMENSION Y NUMBER

The width of the full label for a 1:15,000 map presentation in meters. It is calculated as 18 times the number of characters in the longest line.

LABEL HEIGHT LABEL DIMENSION Y NUMBER

The height of the full label for a 1:15,000 map presentation in meters. It is calculated as 30 times the number of lines in the full label.

AVAIL LABEL WIDTH LABEL DIMENSION Y NUMBER

The available width for a label, in meters for a 1:15,000 map presentation. This is derived during the label generation process to calculate if the VRI label will fit within a polygon shape or be written the map side. Currently equal to the diameter of the largest circle that can be placed in the polygon.

AVAIL LABEL HEIGHT LABEL DIMENSION Y NUMBER

The available height for a label, in meters for a 1:15,000 map presentation. This is derived during the label generation process to calculate if the VRI label will fit within a polygon shape or be written the map side. Currently equal to the diameter of the largest circle that

Entity Name: VEGETATION COVER POLYGON PROJEC (cont'd) *Short Name:* VCPP

can be placed in the polygon.

LABEL CENTRE X	COORDINATE POINT BASIC	Y	NUMBER	
The horizontal ("X") co-ordinate of the suggested centre of the label.				
LABEL CENTRE Y	COORDINATE POINT BASIC	Y	NUMBER	
The vertical ("Y") co-ordinate of the suggested centre of the label.				
YEAR PROJECTED TO	NUMERIC YEAR	Y	NUMBER	4,0
The projection year to which time dependent stand information, such as age and height, is projected.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Entry date/time				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE has alpine designation one and only one ALPINE DESIGNATION CODE
MAY BE has first BCLCS level one and only one BCLCS LEVEL1 CODE
MAY BE has second BCLCS level one and only one BCLCS LEVEL2 CODE
MAY BE has third BCLCS level one and only one BCLCS LEVEL3 CODE
MAY BE has fourth BCLCS level one and only one BCLCS LEVEL4 CODE
MAY BE has fifth BCLCS level one and only one BCLCS LEVEL5 CODE
MAY BE in BEC Zone one and only one BEC ZONE CODE
MAY BE has herb cover pattern one and only one COVER PATTERN CODE
MAY BE has shrub pattern one and only one COVER PATTERN CODE
MAY BE ecosystem data sourced from one and only one DATA SOURCE ECOSYS CLASS CODE
* MAY BE provides projection of one and only one FOREST COVER OBJECT
MAY BE has herb cover type one and only one HERB COVER TYPE CODE
MAY BE soil makeup described through one or more LAND COVER COMPONENT PRJ
MAY BE is modified by process one and only one MODIFYING PROCESS CODE
MAY BE has non-productive VDYP descriptor one and only one NON PRODUCTIVE CODE
MAY BE has non productive descriptor one and only one NON PRODUCTIVE DESCRIPTOR CODE
MAY BE shows non vegetative coverage through one or more NON VEGETATIVE COVER PRJ
MAY BE has site position meso one and only one SITE POSITION MESO CODE
MAY BE in soil nutrient regime one and only one SOIL NUTRIENT REGIME CODE
MAY BE surface expression described by one and only one SURFACE EXPRESSION CODE
MAY BE divided vertically into one or more TREE COVER LAYER PROJECTED
MAY BE has meta-information one and only one VEGETATION METADATA PROJECTED

** = Relationships in primary unique identifier.*

Unique Identifiers:

VCPP PK *Primary Y*

MAY BE provides projection of one and only one FOREST COVER OBJECT

Entity Name: VEGETATION COVER POLYGON STAGIN *Short Name:* VCPS

Plural: VEGETATION COVER POLYGON STG

Init. Volume: 30000 *Avg. Volume:* 30000 *Max. Volume:* 120000 *Annual Growth Rate:* 0%

Description:

Describes the attribution of a Forest Cover Object that is currently being staged, in preparation for integration into the Estimated and Adjusted areas. This represents the first and last stage in the life cycle of a Forest Cover Object, as they are loaded into and extracted from the staging area.

The structure of the entity has been intentionally made to parallel other entities of similar names in the other components of the system. This was done in order to ease transition of data between the components, as the polygon transitions through its life cycle.

Attributes:

Name	*Domain*	*Opt*	*Format*	*Length*
INPUT DATE	DATE TIME	Y	DATE	
The date the vegetation cover information was entered into the Provincial Data Base.				
VRI DEAD STEMS PER HA	STEM COUNT	Y	NUMBER	4,0
The number of standing dead trees visible to the photo interpreter in the dominant, codominant and high intermediate crown positions in each tree layer. Snag frequency is expressed as stems per hectare for each tree layer. The snag frequency provides a direct estimate of snags per hectare that can be used for wildlife and fire management. Note: Dominant trees have well-developed crowns that extend above the general level of the trees around them. Codominant trees have crowns forming the general level of trees around them. High intermediate trees have smaller crowns slightly below but extending into the general level of trees around them.				
SHRUB HEIGHT	HEIGHT - SHRUB	Y	NUMBER	4,1
The average height of the shrubs contained in the polygon as interpreted from medium scale photography.				
SHRUB CROWN CLOSURE	PERCENTAGE 3,0	Y	NUMBER	3,0
Shrub crown closure is the percentage of ground area covered by the vertically projected crowns of the shrub cover visible to the photo interpreter. Shrub crown closure is expressed as a percentage of the entire polygon.				
HERB COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
Herb cover percent is the percentage of ground area covered by herbaceous cover visible to the photo interpreter. Herb cover percent is analogous to tree and shrub crown closures and is expressed as a percentage of the entire polygon.				
BRYOID COVER PCT	PERCENTAGE 3,0	Y	NUMBER	3,0
The percent cover of Bryoids: includes bryophytes (mosses, liverworts, hornworts) and non-crustose lichens.				
STOCKABILITY	STOCKABILITY	Y	NUMBER	4,1
An estimate of the percentage of polygon area that will eventually be stocked by trees. For example, a stockability value of 80% indicates that 20% of the area will never support tree growth.				
YIELD FACTOR	YIELD FACTOR	Y	NUMBER	5,3
An input to FIPSTART or VRISTART, two VDYP7 programs that generate the stand description that is required to project the polygon.				
REFERENCE YEAR	NUMERIC YEAR	Y	NUMBER	4,0
The year of the photo or source survey that was used to generate the VRI attributes.				
ADJUSTED IND	INDICATOR	N	VARCHAR2	1
Indicates the Polygon has been adjusted.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Entry date/time				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30

Entity Name: VEGETATION COVER POLYGON STAGIN (cont'd) *Short Name:* VCPS

Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE adjusted by factor one or more ADJUSTMENT FACTOR STAGING
MAY BE provides adjustment for one or more ADJUSTMENT INPUT STAGING
MAY BE has alpine designation one and only one ALPINE DESIGNATION CODE
MAY BE has first BCLCS level one and only one BCLCS LEVEL1 CODE
MAY BE has second BCLCS level one and only one BCLCS LEVEL2 CODE
MAY BE has third BCLCS level one and only one BCLCS LEVEL3 CODE
MAY BE has fourth BCLCS level one and only one BCLCS LEVEL4 CODE
MAY BE has fifth BCLCS level one and only one BCLCS LEVEL5 CODE
MAY BE in BEC zone one and only one BEC ZONE CODE
MAY BE has herb cover pattern one and only one COVER PATTERN CODE
MAY BE has shrub pattern one and only one COVER PATTERN CODE
MAY BE ecosystem class sourced from one and only one DATA SOURCE ECOSYS CLASS CODE
* MUST BE provides staging for one and only one FOREST COVER OBJECT STAGING
MAY BE has herb cover type one and only one HERB COVER TYPE CODE
MAY BE soil makeup described through one or more LAND COVER COMPONENT STG
MAY BE summarized by one and only one LAYER SUMMARIZATION CODE
MAY BE process described by one and only one MODIFYING PROCESS CODE
MAY BE has non-productive VDYP descriptor one and only one NON PRODUCTIVE CODE
MAY BE has non-productive descriptor one and only one NON PRODUCTIVE DESCRIPTOR CODE
MAY BE shows non-veg coverage through one or more NON VEGETATIVE COVER STG
MAY BE adjusted by one or more SAMPLES USED STAGING
MAY BE has site position meso one and only one SITE POSITION MESO CODE
MAY BE has soil nutrient regime one and only one SOIL NUTRIENT REGIME CODE
MAY BE polygon for one or more STRATA POLYGON STAGING
MAY BE has surface expression one and only one SURFACE EXPRESSION CODE
MAY BE divided vertically into one or more TREE COVER LAYER STAGING
MAY BE has metadata one and only one VEGETATION METADATA STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

VCPS PK *Primary Y*

MUST BE provides staging for one and only one FOREST COVER OBJECT STAGING

Entity Name: VEGETATION METADATA ADJUSTED *Short Name:* VMA

Plural: VEGETATION METADATA ADJUSTED

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

The table that maintains the version number for VDYP at the time of the meta data's creation, as well as additional VDYP specific metadata for an adjusted polygon. Metadata may not always be present, but when it is, it refers to a specific polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VDYP VERSION	VERSION NUMBER	N	VARCHAR2	5
	Version number for VDYP at the time of the meta data's creation.				
	SINDEX VERSION	VERSION NUMBER	Y	VARCHAR2	5
	The version of the software used to adjust/project the polygon data.				
	LAST VDYP METADATA DATE	DATE TIME	Y	DATE	
	The date the VDYP meta data was last updated.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE further describes one or more VEGETATION COVER POLYGON ADJ

* = *Relationships in primary unique identifier.*

Unique Identifiers:

VMA PK *Primary* *Y*

VDYP VERSION

Entity Name: VEGETATION METADATA PROJECTED *Short Name:* VMP

Plural: VEGETATION METADATA PROJECTED

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

The table that maintains the version number for VDYP at the time of the meta data's creation, as well as additional VDYP specific metadata for a projected polygon. Metadata may not always be present, but when it is, it refers to a specific polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VDYP VERSION	VERSION NUMBER	N	VARCHAR2	5
	Version number for VDYP at the time of the meta data's creation.				
	SINDEX VERSION	VERSION NUMBER	Y	VARCHAR2	5
	The version of the software used to project the polygon data.				
	LAST VDYP METADATA DATE	DATE TIME	Y	DATE	
	The date the VDYP meta data was last updated.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE further describes one or more VEGETATION COVER POLYGON PRJ

* = *Relationships in primary unique identifier.*

Unique Identifiers:

VMP PK *Primary* *Y*

VDYP VERSION

Entity Name: VEGETATION METADATA STAGING *Short Name:* VMS

Plural: VEGETATION METADATA STAGING

Init. Volume: 30000 *Avg. Volume:* 30000 *Max. Volume:* 120000 *Annual Growth Rate:* 0%

Description:

The table that maintains the version number for VDYP at the time of the meta data's creation, as well as additional VDYP specific metadata for a staged polygon. Metadata may not always be present, but when it is, it refers to a specific polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VDYP VERSION	VERSION NUMBER	N	VARCHAR2	5
	Version number for VDYP at the time of the meta data's creation.				
	SINDEX VERSION	VERSION NUMBER	Y	VARCHAR2	5
	The version of the software used to adjust/project the polygon data.				
	LAST VDYP METADATA DATE	DATE TIME	Y	DATE	
	The date the VDYP meta data was last updated.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE provides metadata for one or more VEGETATION COVER POLYGON STG

* = *Relationships in primary unique identifier.*

Unique Identifiers:

VMS PK *Primary* *Y*

VDYP VERSION

Entity Name: VERTICAL COMPLEXITY CODE *Short Name:* VCC

Plural: VERTICAL COMPLEXITY CODE

Init. Volume: 10 *Avg. Volume:* 10 *Max. Volume:* 20 *Annual Growth Rate:* 10%

Description:

A list that describes a subjective classification that in turn describes the form of each tree layer, as indicated by the relative uniformity of the height of the forest canopy, as it appears on mid-scale aerial photographs. Vertical complexity is influenced by stand age, species (succession as it relates to shade tolerance) and degree and age of past disturbances. The tree height range is calculated as the total difference in height between the tallest and shortest visible dominant, co-dominant, and high intermediate trees. To most adequately represent the tree layer of interest, occasional occurrences of either very tall or very short trees should be ignored so that the vertical complexity indicated is for the majority of stems in the dominant, co-dominant, and highintermediate portion of each tree layer.

Eg. 0 - Undetermined
1 - Very uniform
2 - Uniform
3 - Moderately uniform
4 - Non-uniform
5 - Very non-uniform

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VERTICAL COMPLEXITY CODE	CODETABLE CODE	N	VARCHAR2	10

The subjective classification that describes the form of each tree layer as indicated by the relative uniformity of the height of the forest canopy as it appears on mid-scale aerial photographs. Vertical complexity is influenced by stand age, species (succession as it relates to shade tolerance) and degree and age of past disturbances. The tree height range is calculated as the total difference in height between the tallest and shortest visible dominant, co-dominant, and high intermediate trees.
To most adequately represent the tree layer of interest, occasional occurrences of either very tall or very short trees should be ignored so that the vertical complexity indicated is for the majority of stems in the dominant, co-dominant, and highintermediate portion of each tree layer. Vertical complexity is a subjective classification that describes the form of each tree layer as indicated by the relative uniformity of the forest canopy as it appears on midscale aerial photographs.

DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120

Provides the description for the code. This is the human readable form of the code.

EFFECTIVE DATE	DATE TIME	N	DATE

Effective date/time

EXPIRY DATE	DATE TIME	N	DATE

Expiry date/time

UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE

Update date/time

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE vertical complexity for one or more TREE COVER LAYER ADJUSTED
MAY BE vertical complexity for one or more TREE COVER LAYER ESTIMATED
MAY BE vertical complexity for one or more TREE COVER LAYER PROJECTED
MAY BE vertical complexity for one or more TREE COVER LAYER STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

VCC PK *Primary* *Y*

VERTICAL COMPLEXITY CODE

Entity Name: VRIMS AUDIT STATE CODE *Short Name:* VASC

Plural: VRIMS AUDIT STATE CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the degree to which an entry has been audited and any resulting action.

Eg. AUT - Automatically Accepted
DEF - Deferred
MAN - Manually Accepted
NAU - Not Audited
REJ - Rejected

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS AUDIT STATE CODE	CODETABLE CODE	N	VARCHAR2	10
	Stores the code for the audit state.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Last known date for an update.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE audit state described by one or more VRIMS PACKAGE TRANSACTION

** = Relationships in primary unique identifier.*

Unique Identifiers:

VASC PK *Primary* *Y*

VRIMS AUDIT STATE CODE

Entity Name: VRIMS BATCH PROCESS *Short Name:* VBP

Plural: VRIMS BATCH PROCESS

Init. Volume: 2 *Avg. Volume:* 4 *Max. Volume:* 10 *Annual Growth Rate:* 0%

Description:

Represents a collection of polygons that will be manipulated by a scheduled process. This includes the Projection and Replication processes. A batch will be run only a few times per year, with a purge following its completion shortly thereafter.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS BATCH PROCESS ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for a batch job that will be used process a set of polygons.				
	DESCRIPTION	CODETABLE DESCRIPTION	Y	VARCHAR2	120
	Description of the batch.				
	START TIME	DATE TIME	Y	DATE	
	Date/Time at which the process started processing its batch of polygons.				
	END TIME	DATE TIME	Y	DATE	
	Date/Time at which the process completed processing its batch of polygons.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE proccesses one or more VRIMS BATCH PROCESS POLYGON

MUST BE modified by one and only one VRIMS SYSTEM MODE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

VBPP PK *Primary Y*

VRIMS BATCH PROCESS ID

Entity Name: VRIMS BATCH PROCESS POLYGON *Short Name:* VBPP

Plural: VRIMS BATCH PROCESS POLYGON

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

Represents a single polygon that may be manipulated as part of a system process, such as the Replication or Projection process. The polygon collection will be populated only during a new batch of processing and will be purged shortly following its completion.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS BATCH PROCESS POLYGON ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for a polygon that will be manipulated by a scheduled process.				
	STATUS_MESSAGE	STATUS MESSAGE	Y	VARCHAR2	200
	Message returned by the modifying process, following its attempt to process the polygon. When multiple messages are returned, the most critical message will be saved; error messages will be stored in preference over warnings and warnings in preference over informational messages.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE identifies for processing one and only one FOREST COVER OBJECT

MUST BE processed by one and only one VRIMS BATCH PROCESS

MUST BE has status one and only one VRIMS PROCESSING STATE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

VBPP PK *Primary* *Y*

VRIMS BATCH PROCESS POLYGON ID

Entity Name: VRIMS COMPOSITE R1 TREE COVER *Short Name:* VCTC

Plural: VRIMS_COMPOSITE_R1_TREE_COVER

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Composition of VRIMS data for use within RESULTS; the data consists of a mash-up of spatial overlays with the results of projection using the Variable Density Yield Prediction (VDYP) Model. This data is restricted to the 'Rank 1' Layers.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	FEATURE ID		N	NUMBER	38
	Provincially unique identifier for an instance of a spatial feature.				
	LAYER ID		N	VARCHAR2	10
	The unique business identification of a layer, or horizontal stratum, in a stand. Each layer is normally characterized as a distinct canopy containing a common forest cover structure with timber of similar ages (at least 40 years between layers) and heights (at least 10 meters between layers). Layers are assigned from the tallest layer downward.				
	OPENING ID		Y	NUMBER	10,0
	System generated value uniquely identifying the opening.				
	MAP ID		N	VARCHAR2	7
	Identifies the Forest Cover Map corresponding to the FIP file. It is the British Columbia Geographic System's (BCGS) Key Reference Number of the Forest Cover Map. The mapsheet most commonly used is the 6' X 12' BCGS mapsheet.				
	POLYGON ID		N	NUMBER	9,0
	The polygon number is a reference number (non unique) assigned to each Vegetated or Non-Vegetated polygon after it is delineated. The polygon number provides a link between the graphic and descriptive files. The business assigned unique identifier for a polygon. Typically this has been uniquely assigned within a BCGS 6 X 12 Mapsheet.				
	PROJECTED DATE		Y	DATE	
	The date to which time dependent stand information is projected. Attributes that are projected to a future date include: - Age, - Age Class, - Height, - Height Class, - Type Identity, - Stocking Class, etc.				
	HARVEST DATE		Y	DATE	
	The date the forest cover information was entered into the Provincial Data Base.				
	EARLIEST NONLOGGING DIST TYPE		Y	VARCHAR2	10
	Represents the polygons earliest non-logging disturbance type.				
	EARLIEST NONLOGGING DIST DATE		Y	DATE	
	Represents the polygons earliest non-logging disturbance date.				
	POLYGON AREA		Y	NUMBER	10,3
	The area of a polygon; usually derived from geographic information system processing software. The total area, in hectares, of the forest cover polygon. The total area should be equal to the sum of the areas for all resultants in that polygon.				
	BEC ZONE		Y	VARCHAR2	10
	A code uniquely identifying a Biogeoclimatic Zone of interest to MOF.				
	BEC SUBZONE		Y	VARCHAR2	3
	A code uniquely identifying a Biogeoclimatic SubZone of interest to MOF. 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.				
	BEC VARIANT		Y	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 Zon				
	ORG UNIT NO		Y	NUMBER	10,0

Entity Name: VRIMS COMPOSITE R1 TREE COVER (cont'd) *Short Name:* VCTC

Number from Org Unit code table representing the organization that collected the data.

ORG UNIT CODE Y VARCHAR2 6

Identifies any office within the ministry. First character identifies Exec, HQ branch, Region, or District. Next two chars identify the office name; next two the section (HQ Branch) or program (Region or District); last char identifies the subsection.

REGION Y VARCHAR2 6

Identifies any region within the province. first character identifies exec, hq branch, region, or district. next two chars identify the office name; next two the section (hq branch) or program (region or district); last char identifies the subsection.

OWNERSHIP Y NUMBER 9

A code indicating the generalised ownership value.

MANAGED FOREST Y VARCHAR2 6

A code indicating that the polygon contributes to the managed forest land base for BC.

MGMT UNIT ID Y VARCHAR2 4

The MGMT UNIT ID the polygon resides within. This is used in conjunction with Management Unit Type Code.

MGMT UNIT TYPE CODE Y VARCHAR2 1

The MGMT UNIT TYPE CODE identifies the general type of administrative unit. This is often used with Management Unit Id to make reference to MOF administrative management unit. This is auto-generated through tenure linkage based on the prime licence associated with the opening. Eg. U-Timber Supply Area; V-Timber Supply Block; T-Tree Farm Licence; F-Woodlot, etc.

SITE INDEX Y NUMBER 4,1

Site index is an estimate of site productivity for tree growth (height in metres at breast height age of 50 years). The mean height of the dominant and codominant trees will attain at a base index age used for the purposes of estimating forest site growth capability. The site index is based on a normalized set of coefficients calibrated to reflect the range of heights for a given tree species.

SPECIES CD 1 Y VARCHAR2 10

The code indicating the type of tree species predominate or leading in the tree layer. A "leading" species is identified as being the highest percent basal area or, if a very young stand, the relative number of stems per hectare. Species are described in terms of Genus, Species and variety.

SPECIES PCT 1 Y NUMBER 5,2

Percentages of the layer that the leading species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES CD 2 Y VARCHAR2 10

The code indicating the type of tree species second most dominate in the tree layer. A "second" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES PCT 2 Y NUMBER 5,2

Percentages of the layer that the second most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES CD 3 Y VARCHAR2 10

The code indicating the type of tree species third most dominate in the tree layer. A "third" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES PCT 3 Y NUMBER 5,2

Percentages of the layer that the third most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative

Entity Name: VRIMS COMPOSITE R1 TREE COVER (cont'd) *Short Name:* VCTC

number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES CD 4 Y VARCHAR2 10

The code indicating the type of tree species fourth most dominate in the tree layer. The "fourth" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES PCT 4 Y NUMBER 5,2

Percentages of the layer that the fourth most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES CD 5 Y VARCHAR2 10

The code indicating the type of tree species fifth most dominate in the tree layer. The "fifth" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES PCT 5 Y NUMBER 5,2

Percentages of the layer that the fifth most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

SPECIES CD 6 Y VARCHAR2 10

The code indicating the type of tree species sixth most dominate in the tree layer. The "sixth" species is identified in descending order of species percent from the "leading" species. Species are described in terms of Genus, Species and variety.

SPECIES PCT 6 Y NUMBER 5,2

Percentages of the layer that the sixth most dominate species occupies. For older stands, tree species percentage is based on percent basal area or, if a very young stand, the relative number of stems per hectare. Tree species percentage is estimated to the nearest percent for all living trees above a specified diameter.

PROJECTED AGE 1 Y NUMBER 4,0

The age projected to the adjustment area ground sample date, for Species 1.

PROJECTED AGE 2 Y NUMBER 4,0

The age projected to the adjustment area ground sample date, for Species 2.

PROJECTED AGE CLASS Y NUMBER 4,0

The projected age class for species 1.

PROJECTED HEIGHT CLASS Y NUMBER 4,0

The projected height class for species 1.

TOTAL VOL PER HA 125 Y NUMBER 8,3

Total net volume per hectare determined by percent basal area of the tree layer at the 12.5 cm utilization level. net volume per hectare is determined as gross volume less decay, waste, and breakage. depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. net volumes are calculated for rank 1 layers only, typid 1 through 3.

TOTAL VOL PER HA 175 Y NUMBER 8,3

Total net volume per hectare determined by percent basal area of the tree layer at the 17.5 cm utilization level. net volume per hectare is determined as gross volume less decay, waste, and breakage. depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other species in the stand. net volumes are calculated for rank 1 layers only, typid 1 through 3.

TOTAL VOL PER HA 225 Y NUMBER 8,3

Total net volume per hectare determined by percent basal area of the tree layer at the 22.5 cm utilization level. net volume per hectare is determined as gross volume less decay, waste, and breakage. depending on the magnitude of the species' decay, waste and breakage, the net volume for the leading species may be lower than volume for other

Entity Name: VRIMS COMPOSITE R1 TREE COVER (cont'd) *Short Name:* VCTC

species in the stand. net volumes are calculated for rank 1 layers only, typid 1 through 3.

ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Entry date/time				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

** = Attributes in primary unique identifier.*

Unique Identifiers:

VCTC PK *Primary* *Y*

FEATURE ID

Notes:

This table contains a static cut of the VRI data projected to current year and will be updated annually. It is intended for strategic level resource analysis using the current GIS tools.

This is a denormalized summary table combining fields from the following tables: FOREST_COVER_OBJECT, VEGETATION_COVER_POLYGON_PRJ, TREE_COVER_LAYER_PRJ, TREE_SPECIES_PRJ, DISTURBANCE_EVENT and ORG_UNIT; the processing will be performed offsite and may include application code to perform some operations such as spatial overlays.

Entity Name: VRIMS DISTURBANCE CODE *Short Name:* DSCD

Plural: VRIMS DISTURBANCE CODE

Init. Volume: 1 *Avg. Volume:* 1 *Max. Volume:* 5 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the particular event that indicates that a disturbance has occurred. While only one code has been defined for this table at this time, it is expected that new codes will be added in future revisions of the application.

E.g. DI - Disturbance

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS DISTURBANCE CODE	CODETABLE CODE	N	VARCHAR2	10
	Describes the particular event that indicates that a disturbance has occurred.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE source of disturbance for one or more DISTURBANCE EVENT

MAY BE source of disturbance for one or more FOREST COVER OBJECT

MAY BE disturbs one or more FOREST COVER OBJECT STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

DSCD PK *Primary* *Y*

VRIMS DISTURBANCE CODE

Entity Name: VRIMS ERROR CONTEXT CODE *Short Name:* VECC

Plural: VRIMS ERROR CONTEXT CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the context of an error that was produced by the application.

Eg. POLY - Polygon
TRAN - Transaction
SRVC - Service

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS ERROR CONTEXT CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of the error context.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE error type for one or more VRIMS ERROR LOG

* = *Relationships in primary unique identifier.*

Unique Identifiers:

VECC PK *Primary* *Y*

VRIMS ERROR CONTEXT CODE

Entity Name: VRIMS ERROR LEVEL CODE *Short Name:* VELC

Plural: VRIMS ERROR LEVEL CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the level (degree of severity) of an error message that was produced by the application.

Eg. WARN - Warning
ERR - Error
INFO - Information

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS ERROR LEVEL CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of the error level.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE error type for one or more VRIMS ERROR LOG

** = Relationships in primary unique identifier.*

Unique Identifiers:

VELC PK *Primary* *Y*

VRIMS ERROR LEVEL CODE

Entity Name: VRIMS ERROR LOG *Short Name:* VEL

Plural: VRIMS ERROR LOG

Init. Volume: 20000 *Avg. Volume:* 30000 *Max. Volume:* 40000 *Annual Growth Rate:* 0%

Description:

Provides a container for writing business and system errors. As this table acts as a queriable, historical log, entries within it will never be updated. When required, the table may be purged.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS ERROR LOG ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique identifier for an error entry.				
	ERROR MESSAGE	COMMENTS	N	VARCHAR2	2000
	Contains the application text error.				
	TIME STAMP	AUDIT TIMESTAMP	N	DATE	
	The date and time that the error occurred, which could be slightly different than the time the error was logged.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE tracks errors from one and only one FOREST COVER OBJECT STAGING

MUST BE of error type one and only one VRIMS ERROR CONTEXT CODE

MUST BE of error type one and only one VRIMS ERROR LEVEL CODE

MUST BE of error type one and only one VRIMS ERROR TYPE CODE

MUST BE tracks errors from one and only one VRIMS PACKAGE TRANSACTION

** = Relationships in primary unique identifier.*

Unique Identifiers:

VEL PK *Primary* *Y*

VRIMS ERROR LOG ID

Entity Name: VRIMS ERROR TYPE CODE *Short Name:* VETC

Plural: VRIMS ERROR TYPE CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes that describe a type of error produced during polygon processing.

Eg. PRO - Processing Error
SPA - Spatial
BRV - Business Rule Validation
DAT - Database

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS ERROR TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
	Code representation of the error type.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE error type for one or more VRIMS ERROR LOG

** = Relationships in primary unique identifier.*

Unique Identifiers:

VETC PK *Primary* *Y*

VRIMS ERROR TYPE CODE

Entity Name: VRIMS MAPSHEET LINK *Short Name:* VML

Plural: VRIMS MAPSHEET LINK

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

This entity represents the relationship between the VRIMS spatial data brought forward from the INCOSADA spatial data. This entity is to be used for historical purposes to determine where the old data in INCOSADA has been mapped into VRIMS. Once the entity has been populated after the data conversion no additonal updates will take place.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	OBJECT VERSION SKEY		N	NUMBER	
	Unique identifier for a version of an INCOSADA spatial data polygon.				
	POLYGON ID		N	NUMBER	6
	The POLYGON_ID is a human readable identifier and comes from INCOSADA. The polygon id is unque to a MAP_ID and assigned to every polygon found with a BCGS 1-20K mapsheet. Identfiers start from 1 and increment to the number of polygons found within a single mapsheet.				
	MAP ID		N	VARCHAR2	7
	The MAP_ID is a mapsheet name using the provincial definition of BCGS 1:20K mapsheet naming conventions. Typical mapsheets names would be 082E001 through to 082E100, 094F001 etc.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE converted from one and only one FOREST COVER OBJECT

** = Relationships in primary unique identifier.*

Unique Identifiers:

VML_2 *Primary Y*

OBJECT VERSION SKEY

Entity Name: VRIMS PACKAGE TRANSACTION *Short Name:* VPKT

Plural: VRIMS PACKAGE TRANSACTION

Init. Volume: 1000 *Avg. Volume:* 1500 *Max. Volume:* 25000 *Annual Growth Rate:* 10%

Description:

This entity represents a package made up of polygons that havebeen processed in a single transaction. The package can contain one or many polygons and can be from an update, re-inventory or RESULTS.

As the need to update a Package Transaction entry will occur very infrequently (if ever), a process of deletion and reinsertion will be performed. Only new entries are ever expected to be added to this entity.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS PACKAGE TRANSACTION ID	RESULTS OPENING ID	N	NUMBER	10,0
	Primary unique numeric identifier for a package made up of polygons.				
	OPENING_ID		Y	NUMBER	10
	The OPENING_ID is the identifier from RESULTS.				
	FILE NAME	FILE NAME	Y	VARCHAR2	64
	The name of the file for the package.				
	AUDITOR	USERID	Y	VARCHAR2	30
	The name of the user performing the Audit. This is not necessarily the same as the Entry UserID.				
	AUDIT DATE	AUDIT TIMESTAMP	Y	DATE	
	The date when Audited [VIEW_STATE = T].				
	VIEWED IND	INDICATOR	N	VARCHAR2	1
	Indicates whether or not a package has been viewed in the transaction audit tool.				
	ESTIMATED PROCESS DURATION	DURATION	Y	NUMBER	10
	The estimated number of seconds it will take to process this transaction.				
	NUMBER OF POLYGONS	COUNTER	Y	NUMBER	10
	The total number of polygons that are in the transaction. This is used to calculate the average processing time per polygon.				
	PROCESSING PRIORITY	PRIORITY - USER DEFINED	Y	NUMBER	3,0
	The priority by which the item is to be queued for processing. Lower valued items indicate a higher priority and will be processed sooner than lower priority items.				
	CHECKED OUT BY	USERID	Y	VARCHAR2	30
	This is the account that has checked out this group of polygons.				
	DATE CHECKED IN	DATE TIME	Y	DATE	
	This is the date that the this group of polygons were checked in to the database.				
	DATE CHECKED OUT	DATE TIME	Y	DATE	
	This is the date that this group of polygons were checked out of the database.				
	RESULTS SUBMISSION ID	NUMERIC IDENTIFIER	Y	NUMBER	10
	Numeric identifier for the RESULTS system submission that is associated with this transaction. This identifier provides means to reconcile the package with its source RESULTS submission.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

Entity Name: VRIMS PACKAGE TRANSACTION (cont'd) *Short Name:* VPKT

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE creates one or more FOREST COVER OBJECT
MAY BE retires one or more FOREST COVER OBJECT
MAY BE processes in group one or more FOREST COVER OBJECT STAGING
MUST BE of transaction type one and only one PACKAGE TRANS TYPE CODE
MUST BE audit state for one and only one VRIMS AUDIT STATE CODE
MAY BE produces errors for one or more VRIMS ERROR LOG
MAY BE groups for processing one or more VRIMS POLYGON TRANSACTION
MUST BE processing state for one and only one VRIMS PROCESSING STATE CODE
MAY BE processing monitored by one or more VRIMS SYSTEM SERVICE STATUS
MUST BE of transaction type one and only one VRIMS TRANSACTION TYPE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

VPKT PK *Primary Y*

VRIMS PACKAGE TRANSACTION ID

Entity Name: VRIMS POLYGON TRANSACTION *Short Name:* VPLT

Plural: VRIMS POLYGON TRANSACTION

Init. Volume: 30000 *Avg. Volume:* 60000 *Max. Volume:* 120000 *Annual Growth Rate:* 10%

Description:

This entity represents a polygon that has been extracted from the database, as part of a transaction. A polygon can be the result of an update, re-inventory or be sourced from RESULTS.

As the need to update a Polygon Transaction entry will occur very infrequently (if ever), a process of deletion and reinsertion will be performed. Only new entries are ever expected to be added to this entity.

This entity maintains the association that allows a polygon to be checked out multiple times, by different users, before being checked in again during a new transaction.

When a FOREST COVER OBJECT is split into two polygons or is deleted, a POLYGON TRANSACTION is still created, resulting in no corresponding Staging area polygon.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS POLYGON TRANSACTION ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier that identifies a polygon that is contained within a package transaction.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE extracts one and only one FOREST COVER OBJECT

MAY BE processes one or more FOREST COVER OBJECT STAGING

MUST BE grouped for processing by one and only one VRIMS PACKAGE TRANSACTION

** = Relationships in primary unique identifier.*

Unique Identifiers:

VPLT UK *Primary N*

MUST BE extracts one and only one FOREST COVER OBJECT

MUST BE grouped for processing by one and only one VRIMS PACKAGE TRANSACTION

VPLT PK *Primary Y*

VRIMS POLYGON TRANSACTION ID

Entity Name: VRIMS PROCESSING STATE CODE *Short Name:* VPSC

Plural: VRIMS PROCESSING STATE CODE

Init. Volume: 20 *Avg. Volume:* 20 *Max. Volume:* 30 *Annual Growth Rate:* 10%

Description:

A list of codes that describes the state in which the package is being transacted.

Eg. BI - Being Integration
BP - Being Prepared
CO - Checked Out
FI - Failed Integration
FP - Failed Prearation
INBOX - Inbox
INT - Integrated
MI - Marked for Integration
MP - Marked for Purge
MS - Marked for Resubmit
MT - Marked for Retry
NEW - New
PG - Purged
PRE - Prepared
REJ - Rejected
RS - Resubmit

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS PROCESSING STATE CODE	CODETABLE CODE	N	VARCHAR2	10
	Describes the state in which the package is being transacted.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE status for one or more VRIMS BATCH PROCESS POLYGON

MAY BE in processing state one or more VRIMS PACKAGE TRANSACTION

** = Relationships in primary unique identifier.*

Unique Identifiers:

VPSC PK *Primary Y*

VRIMS PROCESSING STATE CODE

Entity Name: VRIMS SERVICE CODE *Short Name:* VSVC

Plural: VRIMS SERVICE CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes used to identify a system service.

E.g.: Integration Service, Projection Service, etc.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS SERVICE CODE	CODETABLE CODE	N	VARCHAR2	10
	A code representation of the system service.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE monitored by one or more VRIMS SYSTEM SERVICE STATUS

MAY BE manually processes one or more VRIMS SYSTEM STATUS

** = Relationships in primary unique identifier.*

Unique Identifiers:

VSVC PK *Primary* *Y*

VRIMS SERVICE CODE

Entity Name: VRIMS SERVICE STATE CODE *Short Name:* VSTC

Plural: VRIMS SERVICE STATE CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of codes used to identify the status of a system service.

E.g.: Idle, Processing, etc.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS SERVICE STATE CODE	CODETABLE CODE	N	VARCHAR2	10
	A code representation of the state of the system service.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE service state for one or more VRIMS SYSTEM SERVICE STATUS

** = Relationships in primary unique identifier.*

Unique Identifiers:

VSTC PK *Primary* *Y*

VRIMS SERVICE STATE CODE

Entity Name: VRIMS SYSTEM MODE CODE *Short Name:* VSMC

Plural: VRIMS SYSTEM MODE CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A code list that represents the mode in which that the system is operating.

E.g.: Automatic, Manual, etc.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS SYSTEM MODE CODE	CODETABLE CODE	N	VARCHAR2	10
	A code representation of the system mode.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE processes one or more VRIMS BATCH PROCESS

MAY BE current mode for one or more VRIMS SYSTEM STATUS

MAY BE desired mode for one or more VRIMS SYSTEM STATUS

** = Relationships in primary unique identifier.*

Unique Identifiers:

VSMC PK *Primary* *Y*

VRIMS SYSTEM MODE CODE

Entity Name: VRIMS SYSTEM PREFERENCE *Short Name:* VSP

Plural: VRIMS SYSTEM PREFERENCE

Init. Volume: 15 *Avg. Volume:* 20 *Max. Volume:* 50 *Annual Growth Rate:* 10%

Description:

Describes various application configuration parameters that may need to be changeable at runtime, possibly by either the system administrator or by agent processes. This provides a single point of configuration for all agent processes, without requiring redundant code to handle configuration, as well as the ability to change the values without restarting the agent processes.

Some preferences include:
- number of times a service should attempt to read a personal geodatabase
- time at which the backend process should stop processing each day
- maximum number of polygons to be counted in calculating the average processing time

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	PREFERENCE NAME	PREFERENCE NAME	N	VARCHAR2	100
	Unique textual identifier of the preference.				
	VALUE	PREFERENCE VALUE	N	VARCHAR2	250
	Value of the preference, when provided. When the value is NULL, it indicates that the preference has not been set, but is still used by the system in some context.				
	DESCRIPTION	PREFERENCE DESCRIPTION	N	VARCHAR2	200
	Textual description of the value, particularly in regards to its use within the system and valid values for it.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

* = *Attributes in primary unique identifier.*

Unique Identifiers:

VSP PK *Primary* *Y*

PREFERENCE NAME

Entity Name: VRIMS SYSTEM SERVICE STATUS *Short Name:* VSSS

Plural: VRIMS SYSTEM SERVICE STATUS

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 20 *Annual Growth Rate:* 10%

Description:

This describes a service that runs as a component of the overall application. The service status stores metrics about a service that has been processing VRIMS data, including attributes about its operational status.

Attributes:

Name	*Domain*	*Opt*	*Format*	*Length*
ENABLED IND	INDICATOR	N	VARCHAR2	1
Indicates when the service is enabled.				
AVERAGE PROCESSING TIME	DURATION - PRECISE	N	NUMBER	6,3
The average time in seconds that it takes to process a polygon for the service.				
NUMBER OF POLYGONS IN AVERAGE	COUNTER 38	N	NUMBER	38
The number of polygons used to calculate the Average Processing Time for the service.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Entry date/time				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
Entry by userid				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Update date/time				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
Updated by userid				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE monitors processing of one and only one VRIMS PACKAGE TRANSACTION

* MUST BE monitors status of one and only one VRIMS SERVICE CODE

MUST BE has service state one and only one VRIMS SERVICE STATE CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

VSSS PK *Primary* *Y*

MUST BE monitors status of one and only one VRIMS SERVICE CODE

Entity Name: VRIMS SYSTEM STATE CODE *Short Name:* VSSC

Plural: VRIMS SYSTEM STATE CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A lsit of codes that denote a state for the system. For example the system may be in a state of retrieving all results datasets, therefore no other processing may take place. This state will be checked by the various services that will be required to retrieve and process data.

Eg. CM - Changing Mode
ERR - Halted on Error
RUN - Running
ST - Starting Up
WAIT - Waiting for Operating Window

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS SYSTEM STATE CODE	CODETABLE CODE	N	VARCHAR2	10
	A code that denotes a state for the system. For example the system may be in a state of retrieving all results datasets, therefore no other processing may take place. This state will be checked by the various services that will be required to retrieve and process data.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE_DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY_DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE_TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE state for one or more VRIMS SYSTEM STATUS

** = Relationships in primary unique identifier.*

Unique Identifiers:

VSSC PK *Primary* *Y*

VRIMS SYSTEM STATE CODE

Entity Name: VRIMS SYSTEM STATUS *Short Name:* VSYS

Plural: VRIMS SYSTEM STATUS

Init. Volume: 1 *Avg. Volume:* 1 *Max. Volume:* 1 *Annual Growth Rate:* 0%

Description:

This maintains a single entry that denotes a state for the entire application. For example, the system may be in a state of retrieving all results datasets, therefore no other processing may take place. This state will be checked by the various services that will be required to retrieve and process data. The state status entry is a permanent data row that is loaded once when the system is created and should never be deleted. There is no direct user manipulation of the data; instead, the attribution of the row is modified by service components of the application.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS SYSTEM STATUS ID	NUMERIC IDENTIFIER	N	NUMBER	10
	Primary unique numeric identifier for the status of the system.				
	LAST ACTIVE TIMESTAMP	DATE TIME	Y	DATE	
	The date/time that the service was last able to update this field, proving to external viewers that is still active. This attribute acts as a heartbeat, helping to determine if a disconnected, headless service (i.e. lacking a user interface) is still active.				
	ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Entry date/time				
	ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
	Entry by userid				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				
	UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
	Updated by userid				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE controlled by one and only one VRIMS SERVICE CODE

MUST BE has current mode one and only one VRIMS SYSTEM MODE CODE

MUST BE transitioning to mode one and only one VRIMS SYSTEM MODE CODE

MUST BE describes system state one and only one VRIMS SYSTEM STATE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

VSYS PK *Primary Y*

VRIMS SYSTEM STATUS ID

Notes:

There is no sequence associated with this entity, as it will only ever have a single entry. The row should always have SYSTEM STATUS ID = 1.

Entity Name: VRIMS TRANSACTION TYPE CODE *Short Name:* VTTC

Plural: VRIMS TRANSACTION TYPE CODE

Init. Volume: 5 *Avg. Volume:* 5 *Max. Volume:* 10 *Annual Growth Rate:* 10%

Description:

A list of valid codes that describes the type of transaction.

Eg. ADJ - Adjustment
REI - Reinventory
RES - Results

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS TRANSACTION TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
	A code that describes the type of transaction.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
	Provides the description for the code. This is the human readable form of the code.				
	EFFECTIVE DATE	DATE TIME	N	DATE	
	Effective date/time				
	EXPIRY DATE	DATE TIME	N	DATE	
	Expiry date/time				
	UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
	Update date/time				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE transaction type for one or more VRIMS PACKAGE TRANSACTION

* = *Relationships in primary unique identifier.*

Unique Identifiers:

VTTC PK *Primary* *Y*

VRIMS TRANSACTION TYPE CODE

Entity Name: VRIMS TREE SPECIES CODE *Short Name:* TSC

Plural: VRIMS TREE SPECIES CODE

Init. Volume: 100 *Avg. Volume:* 120 *Max. Volume:* 140 *Annual Growth Rate:* 10%

Description:

A list of codes that describe the leading commercial species or brush species in the layer. The species with the highest percent composition (e.g. gross volume or, if a very young stand, the relative number of stems per hectare) is identified as the leading commercial species. Species must be above a specified diameter to be recognized in the species composition of the layer. Leading species are described in terms of Genus, Species and Subspecies. There are currently 27 commercial tree species, and five genus values recognized in the Province. The code may also be used to describe brush species in cases where the Non-Productive Descriptor is NPBR or the Non-Forest Descriptor is NCBR.

Eg. A - Poplar
AC - Poplar
ACB - Balsam Poplar
ACT - Black Cottonwood
AT - Trembling Aspen
AX - Poplar Hybrid
B - True Fir
BA - Amabilis Fir
BB - Balsam Fir
BG - Grand Fir
BL - Subalpine Fir
BN - Noble Fir
C - Cedar
CW - Western Red Cedar
D - Alder
DG - Green/Sitka Alder (N)
DM - Mountain Alder (N)
DR - Red Alder
E - Birch
EA - Alaska Paper Birch
EB - Scrub Birch
EP - Paper Birch
ES - Swamp Birch
EW - Water Birch
EX - Birch Hybrid]
EXP - Alaska Paper X Paper
EXW - Water X Paper
F - Douglas-Fir
FD - Douglas-Fir
FDC - Douglas-Fir (Coast)
FDI - Douglas-Fir (Interior)
G - Dogwood (N)
GP - Flowering Dogwood (N)
GR - Red-Osier Dogwood
H - Hemlock
HM - Mountain Hemlock
HW - Western Hemlock
HX - Hemlock Hybrid
HXM - Western X Mountain
J - Juniper (N)
JD - Common Juniper
JH - Creeping Juniper
JR - Rocky Mountain Juniper (N)
K - Cascara (N)
KC - Cascara (N)
L - Larch
LA - Alpine Larch
LD - Dahurian Larch
LS - Siberian Larch
LT - Tamarack

Entity Name: VRIMS TREE SPECIES CODE (cont'd) *Short Name:* TSC

LW - Western Larch
M - Maple
MB - Bigleaf Maple
MR - Douglas Maple (N)
MV - Vine Maple (N)
P - Pine
PA - Whitebark Pine
PF - Limber Pine
PJ - Jack Pine
PL - Lodgepole Pine
PLC - Lodgepole Pine (Coast)
PLI - Lodgepole Pine (Interior)
PR
- Red Pine
PW - Western White Pine
PX - Pine Hybrid
PXJ - Lodgepole X Jack
PY - Yellow Pine
Q - Oak
QG - Garry Oak
RA - Arbutus (N)
S - Spruce
SA - Norway Spruce
SB - Black Spruce
SE - Engelmann Spruce
SS - Sitka Spruce
SW - White Spruce
SX - Spruce Hybrid
SXB - White X Black
SXE - Engelmann X Sitka
SXL - White X Sitka (Picea X Lutzii)
SXS - Sitka X Unknown Hybrid
SXW - White X Engelmann
SXX - White X Engelmann X Sitka
T - Yew
TW - Western Yew
UP - Pacific Crab Apple (Malus Fusca)
V - Cherry (N)
VB - Bitter Cherry (N)
VP - Pin Cherry
VW - Choke Cherry
W - Willow
WA - Barclay's Willow
WB - Bebb's Willow
WD - Grey-Leaved Willow
WS - Scouler's Willow
WT - Tea-Leaved Willow
Y - Cypress
YC - Yellow Cedar

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	VRIMS TREE SPECIES CODE	CODETABLE CODE	N	VARCHAR2	10
	A code indicating the type of tree species in the layer. A "leading" species is identified as being the highest percent composition based on basal area or, if a very young stand, the relative number of stems per hectare. Species must be above a specified diameter to be recognized in the species composition of the layer. Species are described in terms of Genus, Species and variety.				
	DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120

Entity Name: VRIMS TREE SPECIES CODE (cont'd) *Short Name:* TSC

Provides the description for the code. This is the human readable form of the code.

EFFECTIVE DATE	DATE TIME	N	DATE
Effective date/time			
EXPIRY DATE	DATE TIME	N	DATE
Expiry date/time			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE
Update date/time			

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE est site index species for one or more TREE COVER LAYER ADJUSTED
MAY BE est site index species for one or more TREE COVER LAYER ESTIMATED
MAY BE est site index species for one or more TREE COVER LAYER PROJECTED
MAY BE est site index species for one or more TREE COVER LAYER STAGING
MAY BE leading commercial/brush species for one or more TREE SPECIES ADJUSTED
MAY BE leading commercial/brush species for one or more TREE SPECIES ESTIMATED
MAY BE leading commercial/brush species for one or more TREE SPECIES PROJECTED
MAY BE leading commercial/brush species for one or more TREE SPECIES STAGING

** = Relationships in primary unique identifier.*

Unique Identifiers:

TSC PK *Primary* *Y*

VRIMS TREE SPECIES CODE

Entity Name: VRIMS_FCO_TO_2006CONVERTED_FID *Short Name:* VFT2F

Plural: VRIMS_FCO_TO_2006CONVERTED_FID

Init. Volume: 3800000 *Avg. Volume:* 4000000 *Max. Volume:* 4200000 *Annual Growth Rate:* 5%

Description:

This table associates the old INCOSADA 2006 Forest Cover Polygons ID's (FID's) to the new VRIMS Forest Cover Object ID's (FCO ID's) after conversion.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	GUID		N	VARCHAR2	32
	An INCOSADA Provincially unique identifier for an instance of a spatial feature.				
	FOREST_COVER_OBJECT_ID		Y	NUMBER	38
	A VRIMS Provincially unique identifier for an instance of a spatial feature.				
	OBJECT_VERSION_SKEY		Y	NUMBER	
	A unique identifer for the object instance				
	MAP_ID		Y	VARCHAR2	7
	The polygon number is a reference number (non unique) assigned to each Vegetated or Non-Vegetated polygon after it is delineated. The polygon number provides a link between the graphic and descriptive files. The business assigned unique identifier for a polygon. Typically this has been uniquely assigned within a BCGS 6 X 12 Mapsheet.				
	POLYGON_ID		Y	NUMBER	6
	Identifies the Forest Cover Map corresponding to the FIP file. It is the British Columbia Geographic System's (BCGS) Key Reference Number of the Forest Cover Map. The mapsheet most commonly used is the 6' X 12' BCGS mapsheet.				

** = Attributes in primary unique identifier.*

Unique Identifiers:

VFT2CF PK *Primary* *Y*

GUID

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