

Entity and Attribute Definitions Report

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Total Pages: 147
Total Entities: 98

Parameters

<i>Application:</i>	GYS
<i>Entities:</i>	%
<i>ER Diagram:</i>	%
<i>Include Entity Notes?</i>	Y
<i>Include Attribute Descriptions?</i>	Y
<i>Include Attribute Notes?</i>	Y
<i>Include Attribute Values?</i>	Y
<i>Include Table of Contents?</i>	N
<i>Include Index of Entities?</i>	Y

Entity Name: ACCESS NOTE				Short Name:	GYS AN
Plural:	GYS ACCESS NOTE				
Init. Volume:	10000	Avg. Volume:	25000	Max. Volume:	50000
				Annual Growth Rate:	5%

Description:

An ACCESS NOTE is a narrative which provides instructions on the route to take to access a given sample

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ACCESS NOTE ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
SEQ NO	NUMERIC 2	N	NUMBER	2
Provides a sequence for the access note segments within a complete access note. One or more access note segments form the complete access note for the particular odometer reading.				
HH Access:25 an_seqno				
ODOM READING	ODOMETER READING	Y	NUMBER	8,1
This is the actual odometer reading for this access note.				
HH Access:17 an_odometr				
ODOM INCREMENT	ODOMETER READING	Y	NUMBER	8,1
The distance since the last access note.				
HH Access:27 an_od_inc				
REMARKS		Y	VARCHAR2	2000
This is a segment of the note describing the step or important feature along the route to the sample. All the segments for an odometer reading are joined together in AN_SEQNO sequence to form the complete access note.				
HH Access:35 an_comment				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE a description in accessing one and only one SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS AN	Primary	Y
ACCESS NOTE ID		

Entity Name: AGENCY TYPE CODE			Short Name:	GYS ATC
Plural:	GYS AGENCY TYPE CODE			
Init. Volume:	10	Avg. Volume:	15	Max. Volume: 20
			Annual Growth Rate:	1%

Description:

An AGENCY TYPE CODE is a code that describes the type of agency that owns the sample. Applies when the sample owner is other than the government of B.C. Examples: F = Federal, I = Industrial.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* AGENCY TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
A code that describes the type of agency that owns the sample. Applies when the sample owner is other than the government of B.C. Examples: F = Federal, I = Industrial.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating owner of one or more GYS SAMPLE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS ATC	Primary	Y
AGENCY TYPE CODE		

Entity Name: BCGS 10K GRID**Short Name:** BCGS B1G**Plural:** BCGS 10K GRID**Init. Volume:** 28292**Avg. Volume:** 28292**Max. Volume:** 28292**Annual Growth Rate:** 0%**Description:**

British Columbia Geographic Series 1:10 000 Mapsheet Grids. Taken from the xMELP arc warehouse, grids created in the BC Albers planar projections and as a result are segmented along lines of latitude in 15 second increments.

The neat line has been defined in Latitude by the straight line segments joining the geographic sheet corners and calculated at each fifteen seconds Longitude. the neat line has been defined in Longitude by the straight line joining the geographic sheet corners.

-- The plane reference grid is the Universal Transverse Mercator Coordinate System (based on the 1983 North American Datum) along lines of latitude in ten second increments.

-- The vertical datum is mean sea level as established by the Geodetic Survey of Canada.

-- Each mapsheet is a fourth of a primary quadrangle numbered 1 through 4.

-- Each of the mapsheets is three minutes latitude by six minutes longitude

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MAP TILE	TEXT 32	N	VARCHAR2	32
BCGS 1:10 000 Map number				
MAP TILE DISPLAY NAME	TEXT 32	Y	VARCHAR2	32
BCGS 1:10 000 Map number - conforms to BCGS Specifications Document				
FCODE	TEXT 10	Y	VARCHAR2	10
The MOEP standard numeric code to identify the type of feature represented by the spatial data.				
GEOMETRY	GEOMETRY	Y	NUMBER	38
SDE enabling key. This is a ArcSDE spatial column.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE indicating BCGS map for one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

BCGS B1G

Primary Y

MAP TILE

Notes:

Source data model container is DBM_GRID_WHSE. The source database for the table is in the schema WHSE_BASEMAPPING. On all other MSRM database it will be made available in the CORP schema Source replication WHSE_CORP in schema WHS_BASEMAPPING ---> then copied to CORP schemas

Entity Name: BCGS 20K GRID**Short Name:** BCGS B2G**Plural:** BCGS 20K GRID**Init. Volume:** 7073**Avg. Volume:** 7073**Max. Volume:** 7073**Annual Growth Rate:** 0%**Description:**

British Columbia Geographic Series 1:20 000 Mapsheet Grids. Taken from the xMELP arc warehouse, grids created in the BC Albers planar projections and as a result are segmented along lines of latitude in 15 second increments.

The neat line has been defined in Latitude by the straight line segments joining the geographic sheet corners and calculated at each fifteen seconds Longitude. the neat line has been defined in Longitude by the straight line joining the geographic sheet corners.

-- The plane reference grid is the Universal Transverse Mercator Coordinate System (based on the 1983 North American Datum) along lines of latitude in ten second increments.

-- The vertical datum is mean sea level as established by the Geodetic Survey of Canada.

-- Each mapsheet is a hundredth of a primary quadrangle numbered 1 through 100.

-- Each of the mapsheets is six minutes latitude by twelve minutes longitude

Further information on the 1:20 000 mapping system is available at:

http://srmwww.gov.bc.ca/bmgs/trim/trim/trim_overview/trim_program.htm

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MAP TILE	TEXT 32	N	VARCHAR2	32
BCGS 1:20 000 Map number				
MAP TILE DISPLAY NAME	TEXT 32	Y	VARCHAR2	32
BCGS 1:20 000 Map number - conforms to BCGS Specifications Document				
GEOMETRY	GEOMETRY	Y	NUMBER	38
SDE enabling key. This is a ArcSDE spatial column.				
FCODE	TEXT 10	Y	VARCHAR2	10
The MOEP standard numeric code to identify the type of feature represented by the spatial data.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE indicating BCGS map for one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

BCGS B2G Primary Y

MAP TILE

Notes:

Source data model container is DBM_GRID_WHSE. The source database for the table is in the schema WHSE_BASEMAPPING. On all other MSRM database it will be made available in the CORP schema

Entity Name: BEC CODE TABLE

Short Name:

BCT

Plural: BEC CODE TABLE

Init. Volume: 198

Avg. Volume: 198

Max. Volume: 198

Annual Growth Rate: 0%

Description:

The Biogeoclimatic Ecosystem Classification(BEC) table contains the complete set of valid combinations of biogeoclimatic Zone, Subzone, Variant and Phase. Any other combinations are not valid. "Undefined Subzones" (code un) are indicated in the provincial digital BEC map with a third letter indicating the BEC Region they occur in. This entity is a representation of the Valid BGC Map Codes Query found in BECdb which select distinct combinations of Zone, SubZone, Variant and Phase across all Regions (regardless of Region). In this way, this entity is really a rollout/query of detail data contained in BEC data collected in the field (by Region).

NOTE: This is a GYS-specific copy of the BEC CODE TABLE corporate table. The data is currently not clean enough to use the corporate table; if and when it is cleaned up, the switch can be made to the corporate table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* BEC CODE ID	NUMERIC 5	N NUMBER	5
Unique identifier for biogeoclimatic unit code.			
BGC SUBZONE CODE	TEXT 3	N 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.			
VARIANT	TEXT 1	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 Zone and Subzone.			
PHASE	TEXT 1	Y VARCHAR2	1
A one character code used to denote an atypical area, resulting from local relief, in the regional climate of the subzones and variants. Phases are not unique. They only have meaning in combination with a specific Zone, Subzone and Variant.			
ZONE NAME	TEXT 35	Y VARCHAR2	35
A descriptive name given to a large geographic area having similar patterns of energy flow, vegetation, and soils as a result of a broad, homogeneous macroclimate. Zone names describe the major vegetation contained within the zone.			
SUBZONE NAME	TEXT 35	N VARCHAR2	35
A descriptive name given to a division of the biogeoclimatic zone. Subzone names define the normal regional climate for the division of a biogeoclimatic zone.			
VARIANT NAME	TEXT 20	Y VARCHAR2	20
A descriptive name given to a division of the biogeoclimatic subzone. Variant names usually denote a location within the biogeoclimatic subzone e.g. Eastern or Okanagan areas within a subzone.			
PHASE NAME	TEXT 15	Y VARCHAR2	15
A descriptive name given to an atypical area, resulting from local relief, in the regional climate of the subzones and variants. Phases may denote a different type of vegetation(e.g grassland within a Douglas Fir subzone), a difference in climatic conditions(e.g. Cold Air), etc.			
NOTES	TEXT 72	Y VARCHAR2	72
A comment on the Zone, Subzone, Variant, Phase.			
EFFECTIVE DATE	AUDIT DATE	Y DATE	
The date that this entry is effective.			
EXPIRY DATE	AUDIT DATE	Y DATE	
The date that this entry is/becomes expired.			
UPDATE TIMESTAMP	AUDIT DATE	Y DATE	
The date and time that this entry was last updated.			

Entity Name:	BEC CODE TABLE (cont'd)	<i>Short Name:</i>	BCT
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* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- MAY BE requiring one and only one BGC ZONE CODE
- MAY BE indicating biogeoclimatic information one or more GYS SAMPLE
- * = Relationships in primary unique identifier.

Unique Identifiers:

CORP BCT	Primary	Y
BEC CODE ID		

Entity Name: BEC REGION CODE			Short Name:	BRC
Plural:	BEC REGION CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

The Biogeoclimatic Region of interest to MOF.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BEC REGION CODE	TEXT 3	N	VARCHAR2	3
A code uniquely identifying a BEC Region.				
DESCRIPTION	TEXT 120	N	VARCHAR2	120
A full description of the BEC Region Code.				
A full description of the BEC Region Code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
The date that the BEC Region entry has become effective.				
EXPIRY DATE	AUDIT DATE	N	DATE	
The date that the BEC Region entry has/will be expired.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE having occurrences of one or more BEC SITE SERIES

* = Relationships in primary unique identifier.

Unique Identifiers:

BRC	Primary	Y
BEC REGION CODE		

Entity Name: BEC SITE SERIES

Short Name:

BSS

Plural: BEC SITE SERIES

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Within the BEC system, all sites capable of producing the same mature or climax plant communities within a biogeoclimatic subzone or variant. BEC Site Series is defined within a Region, Zone, Subzone, Variant and Phase, and therefore all parts help define the Site Series. As well, if there are more than one phase per site series, there will be a separate row to represent each Site Series Phase.

NOTE: This is a GYS-specific copy of the BEC SITE SERIES corporate table. The data is currently not clean enough to use the corporate table; if and when it is cleaned up, the switch can be made to the corporate table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
BEC SITE SERIES CD	TEXT 4	N	VARCHAR2	4
A number from 01 to 99 representing the soil moisture regime and soil nutrient regime of a site series, relative to other site series within a subzone or variant.				
* BEC SITE SERIES ID	NUMERIC 5	N	NUMBER	5
Assigned numeric identifier for a site series unique within a biogeoclimatic unit.				
BGC SUBZONE CODE	TEXT 3	N	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.				
EFFECTIVE DATE	AUDIT DATE	Y	DATE	
The date that this entry is effective.				
VARIANT	TEXT 1	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 Zone and Subzone.				
PHASE	TEXT 1	Y	VARCHAR2	1
A one character code used to denote an atypical area, resulting from local relief, in the regional climate of the subzones and variants. Phases are not unique. They only have meaning in combination with a specific Zone, Subzone and Variant.				
SITE SERIES PHASE CD	TEXT 3	Y	VARCHAR2	3
A subdivision of a site series used when site or soil properties differ sufficiently to affect management prescriptions.				
SITE SERIES VARIATION	NUMERIC 1	Y	NUMBER	1
Site variation describes divergent vegetative trends or floristic features and is usually related to short-term successional factors and recent stand history.				
SERAL	TEXT 4	Y	VARCHAR2	4
Seral code; may be seral association (4 lower case alphabetic) or seral developmental or structural stage (2 upper case alphabetic)				
SITE SERIES DESCRIPTION	TEXT 80	N	VARCHAR2	80
A connotative label, made up of the names of the potentially dominant plant species for a site series.				
EXPIRY DATE	AUDIT DATE	Y	DATE	
The date that this entry is/becomes expired.				
UPDATE USERID	TEXT 30	Y	VARCHAR2	30
The userid of the person who last updated this entry.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
The date and time that this entry was last updated.				

* = Attributes in primary unique identifier.

Relationships:

Entity Name:	BEC SITE SERIES (cont'd)	Short Name:	BSS
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Each Occurrence Of This Entity:

- MAY BE collected by one and only one BEC REGION CODE
- MAY BE having one and only one BGC ZONE CODE
- MAY BE indicating site series for one or more GYS SAMPLE
- * = Relationships in primary unique identifier.

Unique Identifiers:

CORP BSS	Primary	Y
BEC SITE SERIES ID		

Entity Name: BEC SOURCE CODE			<i>Short Name:</i>	GYS BSC
<i>Plural:</i>	GYS BEC SOURCE CODE			
<i>Init. Volume:</i>	2	<i>Avg. Volume:</i>	2	<i>Max. Volume:</i> 2
			<i>Annual Growth Rate:</i>	0%

Description:

A BEC SOURCE CODE is a code indicating the data source for the Biogeoclimatic Ecosystem e.g. M = from map, F = from field data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BEC SOURCE CODE	CODETABLE CODE	N	VARCHAR2	10
A code indicating the data source for the Biogeoclimatic Ecosystem e.g. M = from map, F = from field data.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating data source of one or more GYS SAMPLE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

GYS BSC	<i>Primary</i>	Y
BEC SOURCE CODE		

Entity Name: BGC ZONE CODE			<i>Short Name:</i>	BZC
<i>Plural:</i>	BGC ZONE CODE			
<i>Init. Volume:</i>	100	<i>Avg. Volume:</i>	100	<i>Max. Volume:</i> 100
			<i>Annual Growth Rate:</i>	0%

Description:

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BGC ZONE CODE	TEXT 4	N	VARCHAR2	4
A code uniquely identifying a Biogeoclimatic Zone of interest to MOF.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A full description of the Biogeoclimatic Zone.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
The date that the entry has/will become effective.				
EXPIRY DATE	AUDIT DATE	N	DATE	
The date that the entry has/will be expired.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE applying to one or more BEC CODE TABLE

MAY BE applying to one or more BEC SITE SERIES

* = Relationships in primary unique identifier.

Unique Identifiers:

BZC	Primary	Y
BGC ZONE CODE		

Entity Name: COMPILATION LAYER CODE			Short Name:	GYS CLC
Plural:	GYS COMPILATION LAYER CODE			
Init. Volume:	10	Avg. Volume:	15	Max. Volume: 20
			Annual Growth Rate:	1%

Description:

A COMPILATION LAYER CODE is a code that assigns each tree to a layer for compilation. This was used in the now defunct sample compiler software for the VAX computer. Examples: V = Veteran layer, L = Logged, 2 = Layer 2

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* COMPILATION LAYER CODE	CODETABLE CODE	N	VARCHAR2	10
A COMPILATION LAYER CODE is a code that assigns each tree to a layer for compilation. This was used in the now defunct sample compiler software for the VAX computer. Examples: V = Veteran layer, L = Logged, 2 = Layer 2				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating layer and tree class for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS CLC	Primary	Y
COMPILATION LAYER CODE		

Entity Name: CROWN CLASS CODE			Short Name:	GYS CCC
Plural:	GYS CROWN CLASS CODE			
Init. Volume:	10	Avg. Volume:	15	Max. Volume: 20
			Annual Growth Rate:	1%

Description:

Crown Class is a designation of trees in a forest with crowns of similar development and occupying similar position in the canopy. Crown classification applies to groups of trees. It refers to the position of the crown of the tree relative to all other trees within the general plot area, not the whole stand. Examples: 1 = Dominant, 4 = Suppressed

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CROWN CLASS CODE	CODETABLE CODE	N	VARCHAR2	10
Crown Class is a designation of trees in a forest with crowns of similar development and occupying similar position in the canopy. Crown classification applies to groups of trees. It refers to the position of the crown of the tree relative to all other trees within the general plot area, not the whole stand. Examples: 1 = Dominant, 4 = Suppressed				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating crown class for one or more GYS TREE MEASUREMENT
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS CCC	Primary	Y
CROWN CLASS CODE		

Entity Name: DAMAGE AGENT SEVERITY CODE			<i>Short Name:</i> GYS DASCC	
<i>Plural:</i> GYS DAMAGE AGENT SEVERITY CODE				
<i>Init. Volume:</i> 10		<i>Avg. Volume:</i> 15		<i>Max. Volume:</i> 20
				<i>Annual Growth Rate:</i> 1%

Description:

A DAMAGE AGENT SEVERITY CODE is a code that describes the degree or nature of damage to a tree due to insect, disease or injury. The codes apply apply to both SED and Handheld data. Examples: RA - Red attack, mountain oine beetle, L = Low damage.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DAMAGE AGENT SEVERITY CODE	CODETABLE CODE	N	VARCHAR2	10
A single character code that describes the degree or nature of damage to a tree due to insect, disease or injury. Examples: RA - Red attack, mountain oine beetle, L = Low damage.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating damage severity for one or more GYS TREE DAMAGE OCCURRENCE
MAY BE indicating damage severity for one or more GYS TREE DAMAGE OCCURRENCE
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS DASSC	Primary	Y
DAMAGE AGENT SEVERITY CODE		

Entity Name: DAMAGE AGENT TYPE CODE				<i>Short Name:</i> GYS DATC	
<i>Plural:</i> GYS DAMAGE AGENT TYPE CODE					
<i>Init. Volume:</i> 10		<i>Avg. Volume:</i> 15		<i>Max. Volume:</i> 20	
				<i>Annual Growth Rate:</i> 1%	

Description:

A DAMAGE AGENT TYPE CODE is a code that describes the species that has a damaged a tree or a sample measurement.
Examples: A = Animal Damage, C = Cone and Seed Insects

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DAMAGE AGENT TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
A code that describes the type of species that has damaged a tree. Examples: A = Animal Damage, C = Cone and Seed Inects.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating type of damage agent for one or more GYS SAMPLE MEAS DAMAGE OCCUR
MAY BE indicating type of damage agent for one or more GYS TREE DAMAGE OCCURRENCE
MAY BE indicating type of damage agent for one or more GYS TREE DAMAGE OCCURRENCE
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS DATC	Primary	Y
DAMAGE AGENT TYPE CODE		

Entity Name:	DATA COLLECTION METHOD CD	Short Name:	GYS DCMC
Plural:	GYS DATA COLLECTION METHOD CD		
Init. Volume:	10	Avg. Volume:	15
		Max. Volume:	20
		Annual Growth Rate:	1%

Description:

A DATA COLLECTION METHOD CD is a code that identifies the input data source as SEDATA (Standard Edit Data) format or as collected in Handheld format. Values: CARD, HH.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DATA COLLECTION METHOD CD	CODETABLE CODE	N	VARCHAR2	10
A code that identifies the input data source as SEDATA (Standard Edit Data) format or as collected in Handheld format. Values: CARD, HH.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating input format for one or more GYS PRE CONV TREE DMG OCCUR
MAY BE indicating input format for one or more GYS SAMPLE MEASUREMENT
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS DCMC	Primary	Y
DATA COLLECTION METHOD CD		

Entity Name: DATA OWNER CODE			Short Name:	GYS DOC
Plural:	GYS DATA OWNER CODE			
Init. Volume:	40	Avg. Volume:	44	Max. Volume: 49
			Annual Growth Rate:	10%

Description:

A DATA OWNER CODE is a code indicating the representative for the collected permanent ground sample and associated information e.g. BFP = British Columbia Forest Products, DLL = Dunkley Lumber Ltd.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DATA OWNER CODE	CODETABLE CODE	N	VARCHAR2	10
A code indicating the representative for the collected permanent ground sample and associated information e.g. BFP = British Columbia Forest Products, DLL = Dunkley Lumber Ltd.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE owning one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS DOC	Primary	Y
DATA OWNER CODE		

Entity Name: DEAD TREE TALLY				Short Name:	GYS DTT
Plural:	GYS DEAD TREE TALLY				
Init. Volume:	1500000	Avg. Volume:	2500000	Max. Volume:	3000000
				Annual Growth Rate:	15%

Description:

A DEAD TREE TALLY is a count of the dead TREEs in a given PLOT for a given tree species, categorized by metric Diameter at Breast Height (DBH) class

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DEAD TREE TALLY ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
CLASS NO	CLASS NO	N	NUMBER	2
A class code describing Metric Diameter at Breast Height (DBH) range within which dead trees are tallied. Metric DBH Class 1 describes trees having a DBH in the range 2.6 cm to 7.5 cm, class 2 describes a range of 7.6 cm to 12.5 cm etc.				
SED 8:26 5cm=>1				
SED 8:29 10cm=>2				
SED 8:32 15cm=>3				
SED 8:35 20cm=>4				
SED 8:38 25cm=>5				
SED 8:41 30cm=>6				
SED 8:44 35cm=>7				
SED 8:47 40cm=>8				
SED 8:50 45cm=>9				
SED 8:53 50cm=>10				
SED 8:56 55cm+=>11				
TREE COUNT	TREE COUNT	Y	NUMBER	4
The total number of dead trees counted by species within a Metric Diameter at Breast Height (DBH) Class.				
SED 8:26 5cm				
SED 8:29 10cm				
SED 8:32 15cm				
SED 8:35 20cm				
SED 8:38 25cm				
SED 8:41 30cm				
SED 8:44 35cm				
SED 8:47 40cm				
SED 8:50 45cm				
SED 8:53 50cm				
SED 8:56 55cm+				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE counted around one and only one PLOT
- MUST BE a product of one and only one SAMPLE MEASUREMENT
- MUST BE count for one and only one SPECIES CODE

Entity Name:	DEAD TREE TALLY (cont'd)	<i>Short Name:</i>	GYS DTT
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* = Relationships in primary unique identifier.

Unique Identifiers:

GYS DTT	Primary	Y
DEAD TREE TALLY ID		

Entity Name: HEIGHT SOURCE CODE			Short Name:	GYS HSC
Plural:	GYS HEIGHT SOURCE CODE			
Init. Volume:	10	Avg. Volume:	15	Max. Volume: 20
			Annual Growth Rate:	1%

Description:

A HEIGHT SOURCE CODE is a code that represents the height source for a tree height loaded to oracle from the Standard Edit Data (SEDATA) format. Examples: M = Measured, E = Estimated, C = Calculated

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HEIGHT SOURCE CODE	CODETABLE CODE	N	VARCHAR2	10
A code that represents the height source for a tree height loaded to oracle from the Standard Edit Data (SEDATA) format. Examples: M = Measured, E = Estimated, C = Calculated				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating type of height measurement for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS HSC	Primary	Y
HEIGHT SOURCE CODE		

Entity Name: HH ACCESS				<i>Short Name:</i> GYS HA	
<i>Plural:</i> GYS HH ACCESS					
<i>Init. Volume:</i> 0		<i>Avg. Volume:</i> 50		<i>Max. Volume:</i> 100	
				<i>Annual Growth Rate:</i> 0%	

Description:

This is a temporary table used to load the following main table: GYS ACCESS NOTE
Corresponds to a record in the ACCESS table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_ACCESS				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_ACCESS				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_ACCESS				
AN_ODOMETR		Y	NUMBER	8,1
Retrofitted from column AN_ODOMETR of table GRY_HH_ACCESS				
AN_SEQNO		Y	NUMBER	38
Retrofitted from column AN_SEQNO of table GRY_HH_ACCESS				
AN_OD_INC		Y	NUMBER	8,1
Retrofitted from column AN_OD_INC of table GRY_HH_ACCESS				
AN_COMMENT		Y	VARCHAR2	60
Retrofitted from column AN_COMMENT of table GRY_HH_ACCESS				
* = Attributes in primary unique identifier.				

Unique Identifiers:

GYS HA	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: HH DOT			<i>Short Name:</i> GYS HD	
<i>Plural:</i> GYS HH DOT				
<i>Init. Volume:</i> 0	<i>Avg. Volume:</i> 50	<i>Max. Volume:</i> 100	<i>Annual Growth Rate:</i> 0%	

Description:

This is a temporary table used to load the following main table: GYS METRIC DBH CLASS COUNT
Corresponds to a record in the DOT table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_DOT				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_DOT				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_DOT				
PL_PLOT_NO		Y	NUMBER	38
Retrofitted from column PL_PLOT_NO of table GRY_HH_DOT				
SM_MEAS_NO		Y	NUMBER	38
Retrofitted from column SM_MEAS_NO of table GRY_HH_DOT				
DC_SPECIES		Y	VARCHAR2	3
Retrofitted from column DC_SPECIES of table GRY_HH_DOT				
DC_CLASS0		Y	NUMBER	38
Retrofitted from column DC_CLASS0 of table GRY_HH_DOT				
DC_CLASS1		Y	NUMBER	38
Retrofitted from column DC_CLASS1 of table GRY_HH_DOT				
DC_CLASS2		Y	NUMBER	38
Retrofitted from column DC_CLASS2 of table GRY_HH_DOT				
DC_CLASS3		Y	NUMBER	38
Retrofitted from column DC_CLASS3 of table GRY_HH_DOT				
DC_CLASS4		Y	NUMBER	38
Retrofitted from column DC_CLASS4 of table GRY_HH_DOT				
DC_CLASS5		Y	NUMBER	38
Retrofitted from column DC_CLASS5 of table GRY_HH_DOT				
DC_CLASS6		Y	NUMBER	38
Retrofitted from column DC_CLASS6 of table GRY_HH_DOT				
DC_CLASS7		Y	NUMBER	38
Retrofitted from column DC_CLASS7 of table GRY_HH_DOT				
DC_CLASS8		Y	NUMBER	38
Retrofitted from column DC_CLASS8 of table GRY_HH_DOT				
DC_CLASS9		Y	NUMBER	38
Retrofitted from column DC_CLASS9 of table GRY_HH_DOT				
DC_CLASS10		Y	NUMBER	38
Retrofitted from column DC_CLASS10 of table GRY_HH_DOT				
DC_CLASS11		Y	NUMBER	38
Retrofitted from column DC_CLASS11 of table GRY_HH_DOT				
CR_DATE		Y	DATE	
Retrofitted from column CR_DATE of table GRY_HH_DOT				
CR_TIME		Y	VARCHAR2	8
Retrofitted from column CR_TIME of table GRY_HH_DOT				
LU_DATE		Y	DATE	

Entity Name:	HH DOT (cont'd)	<i>Short Name:</i>	GYS HD
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Retrofitted from column LU_DATE of table GRY_HH_DOT			
LU_TIME	Y	VARCHAR2	8
Retrofitted from column LU_TIME of table GRY_HH_DOT			
CR_MODE	Y	VARCHAR2	1
Retrofitted from column CR_MODE of table GRY_HH_DOT			
LU_MODE	Y	VARCHAR2	1
Retrofitted from column LU_MODE of table GRY_HH_DOT			

* = Attributes in primary unique identifier.

Unique Identifiers:

GYS HD	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: HH DT TALLY			Short Name: GYS HDT	
Plural: GYS HH DT TALLY				
Init. Volume: 0	Avg. Volume: 50	Max. Volume: 100	Annual Growth Rate: 0%	

Description:

This is a temporary table used to load the following main table: None currently.
Corresponds to a record in the DT TALLY table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_DT_TALLY				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_DT_TALLY				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_DT_TALLY				
PL_PLOT_NO		Y	NUMBER	38
Retrofitted from column PL_PLOT_NO of table GRY_HH_DT_TALLY				
TR_TREE_NO		Y	NUMBER	38
Retrofitted from column TR_TREE_NO of table GRY_HH_DT_TALLY				
* = Attributes in primary unique identifier.				

Unique Identifiers:

GYS HDT	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: HH PASS 2 MESSAGE			Short Name: GYS HP2M	
Plural: GYS HH PASS 2 MESSAGE				
Init. Volume: 0		Avg. Volume: 50		Max. Volume: 100
			Annual Growth Rate: 0%	

Description:

This is a temporary table for storing Pass 2 Validation error messages for the Handheld input data. These error messages are retrieved by the client application.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
STAGING_AREA_ID		Y	NUMBER	
Identifies the STAGING AREA ID of the sample measurement to which this error message applies. The STAGING AREA ID is assigned from a sequence to each sample measurement loaded into the Handheld temporary "staging area" tables.				
TIMESTAMP		Y	DATE	
Date/time the record was created.				
MESSAGE		Y	VARCHAR2	255
An error message generated during Pass 2 validation of the Handheld data.				
* = Attributes in primary unique identifier.				

Entity Name: HH PLOT			<i>Short Name:</i> GYS HP	
<i>Plural:</i> GYS HH PLOT				
<i>Init. Volume:</i> 0	<i>Avg. Volume:</i> 50	<i>Max. Volume:</i> 100	<i>Annual Growth Rate:</i> 0%	

Description:

This is a temporary table used to load the following main table: GYS PLOT
Corresponds to a record in the PLOT table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_PLOT				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_PLOT				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_PLOT				
PL_PLOT_NO		Y	NUMBER	38
Retrofitted from column PL_PLOT_NO of table GRY_HH_PLOT				
PL_ASPECT		Y	NUMBER	38
Retrofitted from column PL_ASPECT of table GRY_HH_PLOT				
PL_SLOPE		Y	NUMBER	38
Retrofitted from column PL_SLOPE of table GRY_HH_PLOT				
PL_SL_POS		Y	VARCHAR2	1
Retrofitted from column PL_SL_POS of table GRY_HH_PLOT				
PL_ELEVATE		Y	NUMBER	38
Retrofitted from column PL_ELEVATE of table GRY_HH_PLOT				
PL_RADIUS		Y	NUMBER	5,2
Retrofitted from column PL_RADIUS of table GRY_HH_PLOT				
PL_AREA		Y	NUMBER	6,4
Retrofitted from column PL_AREA of table GRY_HH_PLOT				
PL_LGTH		Y	NUMBER	6,2
Retrofitted from column PL_LGTH of table GRY_HH_PLOT				
PL_WDTH		Y	NUMBER	6,2
Retrofitted from column PL_WDTH of table GRY_HH_PLOT				
PL_BA_FCTR		Y	NUMBER	6,3
Retrofitted from column PL_BA_FCTR of table GRY_HH_PLOT				
PL_OS_BEAR		Y	NUMBER	38
Retrofitted from column PL_OS_BEAR of table GRY_HH_PLOT				
PL_OS_SLOP		Y	NUMBER	38
Retrofitted from column PL_OS_SLOP of table GRY_HH_PLOT				
PL_OSSDIST		Y	NUMBER	5,2
Retrofitted from column PL_OSSDIST of table GRY_HH_PLOT				
PL_SUB_RAD		Y	NUMBER	5,2
Retrofitted from column PL_SUB_RAD of table GRY_HH_PLOT				
PL_SUBAREA		Y	NUMBER	6,4
Retrofitted from column PL_SUBAREA of table GRY_HH_PLOT				
PL_SUB_BA		Y	NUMBER	6,3
Retrofitted from column PL_SUB_BA of table GRY_HH_PLOT				
PL_ING_RAD		Y	NUMBER	4,2
Retrofitted from column PL_ING_RAD of table GRY_HH_PLOT				
PL_STK_OK		Y	VARCHAR2	1

Entity Name: HH PLOT (cont'd)		Short Name:	GYS HP
Retrofitted from column PL_STK_OK of table GRY_HH_PLOT			
COUNT_A	Y	NUMBER	38
Retrofitted from column COUNT_A of table GRY_HH_PLOT			
PL_NUM_SEC	Y	NUMBER	38
Retrofitted from column PL_NUM_SEC of table GRY_HH_PLOT			
TR_TREE_NO	Y	NUMBER	38
Retrofitted from column TR_TREE_NO of table GRY_HH_PLOT			
PL_LW_DEFN	Y	VARCHAR2	1
Retrofitted from column PL_LW_DEFN of table GRY_HH_PLOT			
COUNT_B	Y	NUMBER	38
Retrofitted from column COUNT_B of table GRY_HH_PLOT			
CR_DATE	Y	DATE	
Retrofitted from column CR_DATE of table GRY_HH_PLOT			
CR_TIME	Y	VARCHAR2	8
Retrofitted from column CR_TIME of table GRY_HH_PLOT			
LU_DATE	Y	DATE	
Retrofitted from column LU_DATE of table GRY_HH_PLOT			
LU_TIME	Y	VARCHAR2	8
Retrofitted from column LU_TIME of table GRY_HH_PLOT			
CR_MODE	Y	VARCHAR2	1
Retrofitted from column CR_MODE of table GRY_HH_PLOT			
LU_MODE	Y	VARCHAR2	1
Retrofitted from column LU_MODE of table GRY_HH_PLOT			
PL_TL_BEAR	Y	NUMBER	3
Retrofitted from column PL_TL_BEAR of table GRY_HH_PLOT			
PL_TL_DIST	Y	NUMBER	5,1
Retrofitted from column PL_TL_DIST of table GRY_HH_PLOT			
* = Attributes in primary unique identifier.			

Unique Identifiers:

GYS HP	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: HH SAMPLE				<i>Short Name:</i> GYS HS	
<i>Plural:</i> GYS HH SAMPLE					
<i>Init. Volume:</i> 0		<i>Avg. Volume:</i> 50		<i>Max. Volume:</i> 100	
				<i>Annual Growth Rate:</i> 0%	

Description:

This is a temporary table used to load the following main tables: GYS SAMPLE, GYS SAMPLE MEASUREMENT, GYS PLOT
Corresponds to a record in the SAMPLE table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_SAMPLE				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_SAMPLE				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_SAMPLE				
SA_CSAMP		Y	VARCHAR2	14
Retrofitted from column SA_CSAMP of table GRY_HH_SAMPLE				
SA_SMC		Y	VARCHAR2	1
Retrofitted from column SA_SMC of table GRY_HH_SAMPLE				
SA_D13		Y	VARCHAR2	1
Retrofitted from column SA_D13 of table GRY_HH_SAMPLE				
SA_D137		Y	VARCHAR2	1
Retrofitted from column SA_D137 of table GRY_HH_SAMPLE				
SA_BRKPNT		Y	NUMBER	4,1
Retrofitted from column SA_BRKPNT of table GRY_HH_SAMPLE				
SA_DIA_HT		Y	VARCHAR2	1
Retrofitted from column SA_DIA_HT of table GRY_HH_SAMPLE				
SA_UZONE		Y	NUMBER	38
Retrofitted from column SA_UZONE of table GRY_HH_SAMPLE				
SA_EASTING		Y	NUMBER	38
Retrofitted from column SA_EASTING of table GRY_HH_SAMPLE				
SA_NORTHNG		Y	NUMBER	38
Retrofitted from column SA_NORTHNG of table GRY_HH_SAMPLE				
SA_METHOD		Y	VARCHAR2	1
Retrofitted from column SA_METHOD of table GRY_HH_SAMPLE				
SA_PROJ_NO		Y	NUMBER	38
Retrofitted from column SA_PROJ_NO of table GRY_HH_SAMPLE				
SA_ESTB_YR		Y	NUMBER	38
Retrofitted from column SA_ESTB_YR of table GRY_HH_SAMPLE				
SA_SLCTLOG		Y	VARCHAR2	1
Retrofitted from column SA_SLCTLOG of table GRY_HH_SAMPLE				
DUMMY_A		Y	VARCHAR2	1
Retrofitted from column DUMMY_A of table GRY_HH_SAMPLE				
SA_ORIGIN		Y	VARCHAR2	1
Retrofitted from column SA_ORIGIN of table GRY_HH_SAMPLE				
SA_STATUS		Y	VARCHAR2	1
Retrofitted from column SA_STATUS of table GRY_HH_SAMPLE				
SA_PLNT_YR		Y	NUMBER	38
Retrofitted from column SA_PLNT_YR of table GRY_HH_SAMPLE				

Entity Name: HH SAMPLE (cont'd)		Short Name:	GYS HS
SA_AGE_STK	Y NUMBER	38	
Retrofitted from column SA_AGE_STK of table GRY_HH_SAMPLE			
SA_ACT_HT	Y NUMBER	4,1	
Retrofitted from column SA_ACT_HT of table GRY_HH_SAMPLE			
SA_MAP_NO	Y VARCHAR2	8	
Retrofitted from column SA_MAP_NO of table GRY_HH_SAMPLE			
SA_POLY_NO	Y NUMBER	38	
Retrofitted from column SA_POLY_NO of table GRY_HH_SAMPLE			
SA_FLT_NO	Y VARCHAR2	5	
Retrofitted from column SA_FLT_NO of table GRY_HH_SAMPLE			
SA_PHOTONO	Y NUMBER	38	
Retrofitted from column SA_PHOTONO of table GRY_HH_SAMPLE			
SA_PHOTO70	Y VARCHAR2	1	
Retrofitted from column SA_PHOTO70 of table GRY_HH_SAMPLE			
SA_PHOTO_X	Y NUMBER	38	
Retrofitted from column SA_PHOTO_X of table GRY_HH_SAMPLE			
SA_PHOTO_Y	Y NUMBER	38	
Retrofitted from column SA_PHOTO_Y of table GRY_HH_SAMPLE			
SA_BZONE	Y VARCHAR2	4	
Retrofitted from column SA_BZONE of table GRY_HH_SAMPLE			
SA_SUB_ZN	Y VARCHAR2	3	
Retrofitted from column SA_SUB_ZN of table GRY_HH_SAMPLE			
SA_VARIANT	Y NUMBER	38	
Retrofitted from column SA_VARIANT of table GRY_HH_SAMPLE			
SA_PHASE	Y VARCHAR2	1	
Retrofitted from column SA_PHASE of table GRY_HH_SAMPLE			
SA_ASSOC	Y NUMBER	38	
Retrofitted from column SA_ASSOC of table GRY_HH_SAMPLE			
SA_SUBASSO	Y NUMBER	38	
Retrofitted from column SA_SUBASSO of table GRY_HH_SAMPLE			
SA_SUBPHAS	Y VARCHAR2	1	
Retrofitted from column SA_SUBPHAS of table GRY_HH_SAMPLE			
SA_EDATOPE	Y VARCHAR2	4	
Retrofitted from column SA_EDATOPE of table GRY_HH_SAMPLE			
SA_TREATT1	Y VARCHAR2	1	
Retrofitted from column SA_TREATT1 of table GRY_HH_SAMPLE			
SA_TREATD1	Y DATE		
Retrofitted from column SA_TREATD1 of table GRY_HH_SAMPLE			
SA_TREATT2	Y VARCHAR2	1	
Retrofitted from column SA_TREATT2 of table GRY_HH_SAMPLE			
SA_TREATD2	Y DATE		
Retrofitted from column SA_TREATD2 of table GRY_HH_SAMPLE			
SA_TREATT3	Y VARCHAR2	1	
Retrofitted from column SA_TREATT3 of table GRY_HH_SAMPLE			
SA_TREATD3	Y DATE		
Retrofitted from column SA_TREATD3 of table GRY_HH_SAMPLE			
SA_TREATT4	Y VARCHAR2	1	
Retrofitted from column SA_TREATT4 of table GRY_HH_SAMPLE			
SA_TREATD4	Y DATE		

Entity Name: HH SAMPLE (cont'd)		Short Name:	GYS HS
Retrofitted from column SA_TREATD4 of table GRY_HH_SAMPLE			
PL_PLOT_NO	Y NUMBER	38	
Retrofitted from column PL_PLOT_NO of table GRY_HH_SAMPLE			
SA_NAD	Y NUMBER	38	
Retrofitted from column SA_NAD of table GRY_HH_SAMPLE			
SA_LN_SWP	Y VARCHAR2	1	
Retrofitted from column SA_LN_SWP of table GRY_HH_SAMPLE			
CR_DATE	Y DATE		
Retrofitted from column CR_DATE of table GRY_HH_SAMPLE			
CR_TIME	Y VARCHAR2	8	
Retrofitted from column CR_TIME of table GRY_HH_SAMPLE			
SA_GRP_SEC	Y VARCHAR2	1	
Retrofitted from column SA_GRP_SEC of table GRY_HH_SAMPLE			
LU_DATE	Y DATE		
Retrofitted from column LU_DATE of table GRY_HH_SAMPLE			
LU_TIME	Y VARCHAR2	8	
Retrofitted from column LU_TIME of table GRY_HH_SAMPLE			
CR_MODE	Y VARCHAR2	1	
Retrofitted from column CR_MODE of table GRY_HH_SAMPLE			
LU_MODE	Y VARCHAR2	1	
Retrofitted from column LU_MODE of table GRY_HH_SAMPLE			
SA_SPECPRG	Y VARCHAR2	1	
Retrofitted from column SA_SPECPRG of table GRY_HH_SAMPLE			
SA_FOR_REG	Y VARCHAR2	3	
Retrofitted from column SA_FOR_REG of table GRY_HH_SAMPLE			
SA_TSA	Y NUMBER	38	
Retrofitted from column SA_TSA of table GRY_HH_SAMPLE			
SA_TFL	Y NUMBER	38	
Retrofitted from column SA_TFL of table GRY_HH_SAMPLE			
SA_OPENING	Y NUMBER	38	
Retrofitted from column SA_OPENING of table GRY_HH_SAMPLE			
SA_BGCTRAN	Y VARCHAR2	1	
Retrofitted from column SA_BGCTRAN of table GRY_HH_SAMPLE			
SA_SMOISTD	Y VARCHAR2	1	
Retrofitted from column SA_SMOISTD of table GRY_HH_SAMPLE			
SA_SMOISTS	Y VARCHAR2	1	
Retrofitted from column SA_SMOISTS of table GRY_HH_SAMPLE			
SA_SMOISTR	Y VARCHAR2	2	
Retrofitted from column SA_SMOISTR of table GRY_HH_SAMPLE			
SA_SNUTRIS	Y VARCHAR2	1	
Retrofitted from column SA_SNUTRIS of table GRY_HH_SAMPLE			
SA_SNUTRIR	Y VARCHAR2	2	
Retrofitted from column SA_SNUTRIR of table GRY_HH_SAMPLE			
SA_SS1	Y NUMBER	2	
Retrofitted from column SA_SS1 of table GRY_HH_SAMPLE			
SA_SS1_PH	Y VARCHAR2	2	
Retrofitted from column SA_SS1_PH of table GRY_HH_SAMPLE			
SA_SS1_PP	Y NUMBER	38	
Retrofitted from column SA_SS1_PP of table GRY_HH_SAMPLE			

Entity Name: HH SAMPLE (cont'd)		Short Name:	GYS HS
SA_PHAF	Y NUMBER	10,4	
Retrofitted from column SA_PHAF of table GRY_HH_SAMPLE			
SA_SPHAF	Y NUMBER	10,4	
Retrofitted from column SA_SPHAF of table GRY_HH_SAMPLE			
SA_GPSEAST	Y NUMBER	6	
Retrofitted from column SA_GPSEAST of table GRY_HH_SAMPLE			
SA_GPSNRTH	Y NUMBER	7	
Retrofitted from column SA_GPSNRTH of table GRY_HH_SAMPLE			
SA_FORDIST	Y VARCHAR2	3	
* = Attributes in primary unique identifier.			

Unique Identifiers:

GYS HS	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: HH SP MEAS				Short Name: GYS HSM	
Plural: GYS HH SP MEAS					
Init. Volume: 0		Avg. Volume: 50		Max. Volume: 100	
				Annual Growth Rate: 0%	

Description:

This is a temporary table used to load the following main tables: GYS SAMPLE, GYS SAMPLE MEASUREMENT, GYS LAYER, GYS TREE ASSESSMENT, GYS METRIC DBH CLASS COUNT
Corresponds to a record in the SP_MEAS table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_SP_MEAS				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_SP_MEAS				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_SP_MEAS				
SM_MEAS_NO		Y	NUMBER	38
Retrofitted from column SM_MEAS_NO of table GRY_HH_SP_MEAS				
SM_DATE		Y	DATE	
Retrofitted from column SM_DATE of table GRY_HH_SP_MEAS				
SM_STNSTRC		Y	VARCHAR2	1
Retrofitted from column SM_STNSTRC of table GRY_HH_SP_MEAS				
SM_PRI_LYR		Y	VARCHAR2	1
Retrofitted from column SM_PRI_LYR of table GRY_HH_SP_MEAS				
SM_L1_GRND		Y	NUMBER	38
Retrofitted from column SM_L1_GRND of table GRY_HH_SP_MEAS				
SM_L1_AIR		Y	NUMBER	38
Retrofitted from column SM_L1_AIR of table GRY_HH_SP_MEAS				
SM_L1ST_HA		Y	NUMBER	38
Retrofitted from column SM_L1ST_HA of table GRY_HH_SP_MEAS				
SM_L2_GRND		Y	NUMBER	38
Retrofitted from column SM_L2_GRND of table GRY_HH_SP_MEAS				
SM_L2_AIR		Y	NUMBER	38
Retrofitted from column SM_L2_AIR of table GRY_HH_SP_MEAS				
SM_L2ST_HA		Y	NUMBER	38
Retrofitted from column SM_L2ST_HA of table GRY_HH_SP_MEAS				
SM_CNTRCTR		Y	VARCHAR2	10
Retrofitted from column SM_CNTRCTR of table GRY_HH_SP_MEAS				
SM_FCREW1		Y	VARCHAR2	25
Retrofitted from column SM_FCREW1 of table GRY_HH_SP_MEAS				
SM_FCREW2		Y	VARCHAR2	25
Retrofitted from column SM_FCREW2 of table GRY_HH_SP_MEAS				
SM_AGENCY		Y	VARCHAR2	1
Retrofitted from column SM_AGENCY of table GRY_HH_SP_MEAS				
SM_DD_OWNR		Y	VARCHAR2	3
Retrofitted from column SM_DD_OWNR of table GRY_HH_SP_MEAS				
SM_CMPL		Y	VARCHAR2	1
Retrofitted from column SM_CMPL of table GRY_HH_SP_MEAS				
SM_STEM_HA		Y	NUMBER	38
Retrofitted from column SM_STEM_HA of table GRY_HH_SP_MEAS				

Entity Name: HH SP MEAS (cont'd)		Short Name:	GYS HSM
SM_MEMO	Y VARCHAR2	100	
Retrofitted from column SM_MEMO of table GRY_HH_SP_MEAS			
SM_YEARINT	Y NUMBER	38	
Retrofitted from column SM_YEARINT of table GRY_HH_SP_MEAS			
CR_DATE	Y DATE		
Retrofitted from column CR_DATE of table GRY_HH_SP_MEAS			
CR_TIME	Y VARCHAR2	8	
Retrofitted from column CR_TIME of table GRY_HH_SP_MEAS			
LU_DATE	Y DATE		
Retrofitted from column LU_DATE of table GRY_HH_SP_MEAS			
LU_TIME	Y VARCHAR2	8	
Retrofitted from column LU_TIME of table GRY_HH_SP_MEAS			
UL_DATE	Y DATE		
Retrofitted from column UL_DATE of table GRY_HH_SP_MEAS			
UL_TIME	Y VARCHAR2	8	
Retrofitted from column UL_TIME of table GRY_HH_SP_MEAS			
CR_MODE	Y VARCHAR2	1	
Retrofitted from column CR_MODE of table GRY_HH_SP_MEAS			
LU_MODE	Y VARCHAR2	1	
Retrofitted from column LU_MODE of table GRY_HH_SP_MEAS			
DT_CHECK	Y VARCHAR2	4	
Retrofitted from column DT_CHECK of table GRY_HH_SP_MEAS			
LU_SMPDATE	Y DATE		
Retrofitted from column LU_SMPDATE of table GRY_HH_SP_MEAS			
LU_SMPTIME	Y VARCHAR2	8	
Retrofitted from column LU_SMPTIME of table GRY_HH_SP_MEAS			
SM_SPFCTYP	Y VARCHAR2	1	
Retrofitted from column SM_SPFCTYP of table GRY_HH_SP_MEAS			
SM_STEMMAP	Y VARCHAR2	1	
Retrofitted from column SM_STEMMAP of table GRY_HH_SP_MEAS			
SM_DAYEAR2	Y NUMBER	4	
Retrofitted from column SM_DAYEAR2 of table GRY_HH_SP_MEAS			
SM_DATYPE2	Y VARCHAR2	1	
Retrofitted from column SM_DATYPE2 of table GRY_HH_SP_MEAS			
SM_DASPEC2	Y VARCHAR2	2	
Retrofitted from column SM_DASPEC2 of table GRY_HH_SP_MEAS			
SM_DASVTY2	Y VARCHAR2	3	
Retrofitted from column SM_DASVTY2 of table GRY_HH_SP_MEAS			
SM_DAYEAR1	Y NUMBER	38	
Retrofitted from column SM_DAYEAR1 of table GRY_HH_SP_MEAS			
SM_DATYPE1	Y VARCHAR2	1	
Retrofitted from column SM_DATYPE1 of table GRY_HH_SP_MEAS			
SM_DASPEC1	Y VARCHAR2	2	
Retrofitted from column SM_DASPEC1 of table GRY_HH_SP_MEAS			
SM_DASVTY1	Y VARCHAR2	3	
Retrofitted from column SM_DASVTY1 of table GRY_HH_SP_MEAS			
SM_SIBECMS	Y VARCHAR2	1	
Retrofitted from column SM_SIBECMS of table GRY_HH_SP_MEAS			
SM_DISDIST	Y NUMBER	5,1	

Entity Name:	HH SP MEAS (cont'd)	<i>Short Name:</i>	GYS HSM
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* = Attributes in primary unique identifier.

Unique Identifiers:

GYS HSM	Primary	Y
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STAGING_AREA_ID

LINE_NUMBER

Entity Name: HH SPECIES				<i>Short Name:</i> GYS HSP	
<i>Plural:</i> GYS HH SPECIES					
<i>Init. Volume:</i> 0		<i>Avg. Volume:</i> 50		<i>Max. Volume:</i> 100	
				<i>Annual Growth Rate:</i> 0%	

Description:

This is a temporary table used to load the following main tables: GYS LAYER, GYS LAYER SPECIES ASSESSMENT
Corresponds to a record in the SPECIES table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_SPECIES				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_SPECIES				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_SPECIES				
SM_MEAS_NO		Y	NUMBER	38
Retrofitted from column SM_MEAS_NO of table GRY_HH_SPECIES				
PL_PLOT_NO		Y	NUMBER	38
Retrofitted from column PL_PLOT_NO of table GRY_HH_SPECIES				
SO_LAYER		Y	VARCHAR2	1
Retrofitted from column SO_LAYER of table GRY_HH_SPECIES				
SO_TOTAL		Y	VARCHAR2	1
Retrofitted from column SO_TOTAL of table GRY_HH_SPECIES				
SO_SPECIES		Y	VARCHAR2	3
Retrofitted from column SO_SPECIES of table GRY_HH_SPECIES				
SO_TREES_T		Y	NUMBER	38
Retrofitted from column SO_TREES_T of table GRY_HH_SPECIES				
SO_BASAL		Y	NUMBER	10,4
Retrofitted from column SO_BASAL of table GRY_HH_SPECIES				
SO_BASALAY		Y	NUMBER	10,4
Retrofitted from column SO_BASALAY of table GRY_HH_SPECIES				
SO_BH_TL		Y	NUMBER	38
Retrofitted from column SO_BH_TL of table GRY_HH_SPECIES				
SO_BH_MIN		Y	NUMBER	38
Retrofitted from column SO_BH_MIN of table GRY_HH_SPECIES				
SO_BH_MAX		Y	NUMBER	38
Retrofitted from column SO_BH_MAX of table GRY_HH_SPECIES				
SO_HEIGHT		Y	NUMBER	38
Retrofitted from column SO_HEIGHT of table GRY_HH_SPECIES				
SO_QMD		Y	NUMBER	5,1
Retrofitted from column SO_QMD of table GRY_HH_SPECIES				
SO_AGE_CNT		Y	NUMBER	38
Retrofitted from column SO_AGE_CNT of table GRY_HH_SPECIES				
SO_BA_PCT		Y	NUMBER	5,1
Retrofitted from column SO_BA_PCT of table GRY_HH_SPECIES				
SO_AVG_CNT		Y	NUMBER	38
Retrofitted from column SO_AVG_CNT of table GRY_HH_SPECIES				
SO_HT_TL		Y	NUMBER	6,1
Retrofitted from column SO_HT_TL of table GRY_HH_SPECIES				
SO_REL_DEN		Y	NUMBER	7,2

Entity Name: HH SPECIES (cont'd)		Short Name:	GYS HSP
Retrofitted from column SO_REL_DEN of table GRY_HH_SPECIES			
SO_BH_AVG	Y NUMBER	38	
Retrofitted from column SO_BH_AVG of table GRY_HH_SPECIES			
SO_HT_AVG	Y NUMBER	4,1	
Retrofitted from column SO_HT_AVG of table GRY_HH_SPECIES			
SO_STEM_HA	Y NUMBER	10,4	
Retrofitted from column SO_STEM_HA of table GRY_HH_SPECIES			
SO_DATE	Y DATE		
Retrofitted from column SO_DATE of table GRY_HH_SPECIES			
SO_TIME	Y VARCHAR2	8	
Retrofitted from column SO_TIME of table GRY_HH_SPECIES			
SO_STAT_H	Y NUMBER	38	
Retrofitted from column SO_STAT_H of table GRY_HH_SPECIES			
SO_STAT_M	Y NUMBER	38	
Retrofitted from column SO_STAT_M of table GRY_HH_SPECIES			
SO_STAT_T	Y NUMBER	38	
Retrofitted from column SO_STAT_T of table GRY_HH_SPECIES			
SO_STAT_O	Y NUMBER	38	
Retrofitted from column SO_STAT_O of table GRY_HH_SPECIES			
SO_STAT_F	Y NUMBER	38	
Retrofitted from column SO_STAT_F of table GRY_HH_SPECIES			
SO_STAT_Y	Y NUMBER	38	
Retrofitted from column SO_STAT_Y of table GRY_HH_SPECIES			
SO_STAT_N	Y NUMBER	38	
Retrofitted from column SO_STAT_N of table GRY_HH_SPECIES			
SO_TOTAGAV	Y NUMBER	38	
Retrofitted from column SO_TOTAGAV of table GRY_HH_SPECIES			
CR_DATE	Y DATE		
Retrofitted from column CR_DATE of table GRY_HH_SPECIES			
CR_TIME	Y VARCHAR2	8	
Retrofitted from column CR_TIME of table GRY_HH_SPECIES			
LU_DATE	Y DATE		
Retrofitted from column LU_DATE of table GRY_HH_SPECIES			
LU_TIME	Y VARCHAR2	8	
Retrofitted from column LU_TIME of table GRY_HH_SPECIES			
CR_MODE	Y VARCHAR2	1	
Retrofitted from column CR_MODE of table GRY_HH_SPECIES			
LU_MODE	Y VARCHAR2	1	
Retrofitted from column LU_MODE of table GRY_HH_SPECIES			
SO_SITEIDX	Y NUMBER	4,1	
Retrofitted from column SO_SITEIDX of table GRY_HH_SPECIES			
SO_AGEXTND	Y VARCHAR2	1	
Retrofitted from column SO_AGEXTND of table GRY_HH_SPECIES			
SO_AGE_TH	Y NUMBER	38	
Retrofitted from column SO_AGE_TH of table GRY_HH_SPECIES			
SO_STAT_R	Y NUMBER	38	
Retrofitted from column SO_STAT_R of table GRY_HH_SPECIES			
SO_SITEHT	Y VARCHAR2	1	
Retrofitted from column SO_SITEHT of table GRY_HH_SPECIES			

Entity Name: HH SPECIES (cont'd)		Short Name:	GYS HSP
SO_STAT_D	Y NUMBER	38	
Retrofitted from column SO_STAT_D of table GRY_HH_SPECIES			
SO_STAT_S	Y NUMBER	38	
Retrofitted from column SO_STAT_S of table GRY_HH_SPECIES			
SO_AGE_SH	Y NUMBER	38	
Retrofitted from column SO_AGE_SH of table GRY_HH_SPECIES			
SO_AGE_OTH	Y NUMBER	38	
Retrofitted from column SO_AGE_OTH of table GRY_HH_SPECIES			
* = Attributes in primary unique identifier.			

Unique Identifiers:

GYS HSP	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: HH TR MEAS			Short Name: GYS HTM	
Plural: GYS HH TR MEAS				
Init. Volume: 0	Avg. Volume: 50	Max. Volume: 100	Annual Growth Rate: 0%	

Description:

This is a temporary table used to load the following main table: GYS TREE ASSESSMENT
Corresponds to a record in the TR MEAS table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_TR_MEAS				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_TR_MEAS				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_TR_MEAS				
PL_PLOT_NO		Y	NUMBER	38
Retrofitted from column PL_PLOT_NO of table GRY_HH_TR_MEAS				
TR_SECTOR		Y	NUMBER	38
Retrofitted from column TR_SECTOR of table GRY_HH_TR_MEAS				
TR_TREE_NO		Y	NUMBER	38
Retrofitted from column TR_TREE_NO of table GRY_HH_TR_MEAS				
SM_MEAS_NO		Y	NUMBER	38
Retrofitted from column SM_MEAS_NO of table GRY_HH_TR_MEAS				
TM_MISSED		Y	VARCHAR2	1
Retrofitted from column TM_MISSED of table GRY_HH_TR_MEAS				
TM_TAG_OK		Y	VARCHAR2	1
Retrofitted from column TM_TAG_OK of table GRY_HH_TR_MEAS				
TM_SPC_CHG		Y	VARCHAR2	1
Retrofitted from column TM_SPC_CHG of table GRY_HH_TR_MEAS				
TM_DBH1_3		Y	NUMBER	5,1
Retrofitted from column TM_DBH1_3 of table GRY_HH_TR_MEAS				
TM_DIA1_37		Y	NUMBER	5,1
Retrofitted from column TM_DIA1_37 of table GRY_HH_TR_MEAS				
TM_HEIGHT		Y	NUMBER	4,1
Retrofitted from column TM_HEIGHT of table GRY_HH_TR_MEAS				
TM_CROWN		Y	NUMBER	38
Retrofitted from column TM_CROWN of table GRY_HH_TR_MEAS				
TM_LAYER		Y	VARCHAR2	1
Retrofitted from column TM_LAYER of table GRY_HH_TR_MEAS				
TM_LC_LEN		Y	NUMBER	38
Retrofitted from column TM_LC_LEN of table GRY_HH_TR_MEAS				
TM_CLASS		Y	NUMBER	38
Retrofitted from column TM_CLASS of table GRY_HH_TR_MEAS				
TM_BOTSIGN		Y	VARCHAR2	1
Retrofitted from column TM_BOTSIGN of table GRY_HH_TR_MEAS				
TM_CONK		Y	NUMBER	38
Retrofitted from column TM_CONK of table GRY_HH_TR_MEAS				
TM_BL_CONK		Y	NUMBER	38
Retrofitted from column TM_BL_CONK of table GRY_HH_TR_MEAS				
TM_SCAR		Y	NUMBER	38

Entity Name: HH TR MEAS (cont'd)		Short Name:	GYS HTM
Retrofitted from column TM_SCAR of table GRY_HH_TR_MEAS			
TM_FKCROOK	Y NUMBER	38	
Retrofitted from column TM_FKCROOK of table GRY_HH_TR_MEAS			
TM_FROST	Y NUMBER	38	
Retrofitted from column TM_FROST of table GRY_HH_TR_MEAS			
TM_MISTLE	Y NUMBER	38	
Retrofitted from column TM_MISTLE of table GRY_HH_TR_MEAS			
TM_RBRANCH	Y NUMBER	38	
Retrofitted from column TM_RBRANCH of table GRY_HH_TR_MEAS			
TM_DEADTOP	Y NUMBER	38	
Retrofitted from column TM_DEADTOP of table GRY_HH_TR_MEAS			
TM_BRKNTOP	Y NUMBER	38	
Retrofitted from column TM_BRKNTOP of table GRY_HH_TR_MEAS			
TM_SPIRAL	Y NUMBER	38	
Retrofitted from column TM_SPIRAL of table GRY_HH_TR_MEAS			
TM_SWEEP	Y NUMBER	38	
Retrofitted from column TM_SWEEP of table GRY_HH_TR_MEAS			
TM_LEAN	Y NUMBER	38	
Retrofitted from column TM_LEAN of table GRY_HH_TR_MEAS			
TM_LIMB	Y NUMBER	38	
Retrofitted from column TM_LIMB of table GRY_HH_TR_MEAS			
TM_STUB	Y NUMBER	38	
Retrofitted from column TM_STUB of table GRY_HH_TR_MEAS			
TM_1KNOT5M	Y NUMBER	38	
Retrofitted from column TM_1KNOT5M of table GRY_HH_TR_MEAS			
TM_2KNOT5M	Y NUMBER	38	
Retrofitted from column TM_2KNOT5M of table GRY_HH_TR_MEAS			
TM_CNDTN	Y VARCHAR2	2	
Retrofitted from column TM_CNDTN of table GRY_HH_TR_MEAS			
TM_HT_CRWN	Y NUMBER	4,1	
Retrofitted from column TM_HT_CRWN of table GRY_HH_TR_MEAS			
TM_HT_BRCH	Y NUMBER	4,1	
Retrofitted from column TM_HT_BRCH of table GRY_HH_TR_MEAS			
TMSLEAN	Y NUMBER	38	
Retrofitted from column TMSLEAN of table GRY_HH_TR_MEAS			
TMSSWEEP	Y NUMBER	38	
Retrofitted from column TMSSWEEP of table GRY_HH_TR_MEAS			
TMSBRK_TOP	Y NUMBER	38	
Retrofitted from column TMSBRK_TOP of table GRY_HH_TR_MEAS			
TMSFRKUDIA	Y NUMBER	38	
Retrofitted from column TMSFRKUDIA of table GRY_HH_TR_MEAS			
TMSFRKODIA	Y NUMBER	38	
Retrofitted from column TMSFRKODIA of table GRY_HH_TR_MEAS			
TMSSCAR	Y NUMBER	38	
Retrofitted from column TMSSCAR of table GRY_HH_TR_MEAS			
TMSDEADTOP	Y NUMBER	38	
Retrofitted from column TMSDEADTOP of table GRY_HH_TR_MEAS			
TMSCROOKED	Y NUMBER	38	
Retrofitted from column TMSCROOKED of table GRY_HH_TR_MEAS			

Entity Name: HH TR MEAS (cont'd)		Short Name:	GYS HTM
TM_S_BASE	Y NUMBER	38	
Retrofitted from column TM_S_BASE of table GRY_HH_TR_MEAS			
TM_S_MID	Y NUMBER	38	
Retrofitted from column TM_S_MID of table GRY_HH_TR_MEAS			
TM_S_TOP	Y NUMBER	38	
Retrofitted from column TM_S_TOP of table GRY_HH_TR_MEAS			
TM_STATUS	Y VARCHAR2	1	
Retrofitted from column TM_STATUS of table GRY_HH_TR_MEAS			
TMSHEIGHT	Y NUMBER	4,1	
Retrofitted from column TMSHEIGHT of table GRY_HH_TR_MEAS			
TMSDIA_HT	Y NUMBER	38	
Retrofitted from column TMSDIA_HT of table GRY_HH_TR_MEAS			
TMSCOMP_HT	Y VARCHAR2	1	
Retrofitted from column TMSCOMP_HT of table GRY_HH_TR_MEAS			
TMS_AGE13M	Y NUMBER	38	
Retrofitted from column TMS_AGE13M of table GRY_HH_TR_MEAS			
TMSBOREHT	Y NUMBER	4,2	
Retrofitted from column TMSBOREHT of table GRY_HH_TR_MEAS			
TMS_AGE_TL	Y NUMBER	38	
Retrofitted from column TMS_AGE_TL of table GRY_HH_TR_MEAS			
TMSCOMPAGE	Y VARCHAR2	1	
Retrofitted from column TMSCOMPAGE of table GRY_HH_TR_MEAS			
TMSPITHCDE	Y VARCHAR2	1	
Retrofitted from column TMSPITHCDE of table GRY_HH_TR_MEAS			
TM_RADINC1	Y NUMBER	38	
Retrofitted from column TM_RADINC1 of table GRY_HH_TR_MEAS			
TM_RADINC2	Y NUMBER	38	
Retrofitted from column TM_RADINC2 of table GRY_HH_TR_MEAS			
DUMMY_D	Y VARCHAR2	1	
Retrofitted from column DUMMY_D of table GRY_HH_TR_MEAS			
TMS_TOP	Y NUMBER	38	
Retrofitted from column TMS_TOP of table GRY_HH_TR_MEAS			
TMS_BOT	Y NUMBER	38	
Retrofitted from column TMS_BOT of table GRY_HH_TR_MEAS			
TMS_SLPDIS	Y NUMBER	4,1	
Retrofitted from column TMS_SLPDIS of table GRY_HH_TR_MEAS			
TMS_SLOPE	Y NUMBER	38	
Retrofitted from column TMS_SLOPE of table GRY_HH_TR_MEAS			
TMS_HTCORR	Y NUMBER	4,2	
Retrofitted from column TMS_HTCORR of table GRY_HH_TR_MEAS			
TR_SPECIES	Y VARCHAR2	3	
Retrofitted from column TR_SPECIES of table GRY_HH_TR_MEAS			
TM_REMEASD	Y VARCHAR2	1	
Retrofitted from column TM_REMEASD of table GRY_HH_TR_MEAS			
TM_MEMO	Y VARCHAR2	20	
Retrofitted from column TM_MEMO of table GRY_HH_TR_MEAS			
TM_HT_BRK	Y NUMBER	38	
Retrofitted from column TM_HT_BRK of table GRY_HH_TR_MEAS			
DUMMY_A	Y VARCHAR2	1	

Entity Name: HH TR MEAS (cont'd)		Short Name:	GYS HTM
Retrofitted from column DUMMY_A of table GRY_HH_TR_MEAS			
TM_SEL_TR	Y VARCHAR2	1	
Retrofitted from column TM_SEL_TR of table GRY_HH_TR_MEAS			
TM_PRV_HT	Y VARCHAR2	1	
Retrofitted from column TM_PRV_HT of table GRY_HH_TR_MEAS			
CR_DATE	Y DATE		
Retrofitted from column CR_DATE of table GRY_HH_TR_MEAS			
CR_TIME	Y VARCHAR2	8	
Retrofitted from column CR_TIME of table GRY_HH_TR_MEAS			
LU_DATE	Y DATE		
Retrofitted from column LU_DATE of table GRY_HH_TR_MEAS			
LU_TIME	Y VARCHAR2	8	
Retrofitted from column LU_TIME of table GRY_HH_TR_MEAS			
CR_MODE	Y VARCHAR2	1	
Retrofitted from column CR_MODE of table GRY_HH_TR_MEAS			
LU_MODE	Y VARCHAR2	1	
Retrofitted from column LU_MODE of table GRY_HH_TR_MEAS			
TM_PRV_AGE	Y VARCHAR2	1	
Retrofitted from column TM_PRV_AGE of table GRY_HH_TR_MEAS			
TM_SEL_HT	Y VARCHAR2	1	
Retrofitted from column TM_SEL_HT of table GRY_HH_TR_MEAS			
MANUAL_SEL	Y VARCHAR2	1	
Retrofitted from column MANUAL_SEL of table GRY_HH_TR_MEAS			
TM_STEMMAP	Y VARCHAR2	1	
Retrofitted from column TM_STEMMAP of table GRY_HH_TR_MEAS			
TM_SUPPRES	Y VARCHAR2	1	
Retrofitted from column TM_SUPPRES of table GRY_HH_TR_MEAS			
TM_RADINC5	Y NUMBER	38	
Retrofitted from column TM_RADINC5 of table GRY_HH_TR_MEAS			
TM_SUP_LEN	Y NUMBER	38	
Retrofitted from column TM_SUP_LEN of table GRY_HH_TR_MEAS			
TM_SUP_AGE	Y NUMBER	38	
Retrofitted from column TM_SUP_AGE of table GRY_HH_TR_MEAS			
TM_COR_LEN	Y NUMBER	38	
Retrofitted from column TM_COR_LEN of table GRY_HH_TR_MEAS			
TM_COR_AGT	Y NUMBER	38	
Retrofitted from column TM_COR_AGT of table GRY_HH_TR_MEAS			
TM_SUP_10	Y NUMBER	38	
Retrofitted from column TM_SUP_10 of table GRY_HH_TR_MEAS			
TM_REL_10	Y NUMBER	38	
Retrofitted from column TM_REL_10 of table GRY_HH_TR_MEAS			
TM_LC_HTBS	Y NUMBER	4,1	
Retrofitted from column TM_LC_HTBS of table GRY_HH_TR_MEAS			
TM_LC_MEAS	Y VARCHAR2	1	
Retrofitted from column TM_LC_MEAS of table GRY_HH_TR_MEAS			
TM_LC_PCBS	Y NUMBER	38	
Retrofitted from column TM_LC_PCBS of table GRY_HH_TR_MEAS			
TM_LC_PCBT	Y NUMBER	38	
Retrofitted from column TM_LC_PCBT of table GRY_HH_TR_MEAS			

Entity Name: HH TR MEAS (cont'd)		Short Name:	GYS HTM
TM_LC_DSSL	Y NUMBER	4,1	
Retrofitted from column TM_LC_DSSL of table GRY_HH_TR_MEAS			
TM_LC_PCSL	Y NUMBER	38	
Retrofitted from column TM_LC_PCSL of table GRY_HH_TR_MEAS			
TM_LC_CORR	Y NUMBER	4,2	
Retrofitted from column TM_LC_CORR of table GRY_HH_TR_MEAS			
TM_LC_SGNB	Y VARCHAR2	1	
Retrofitted from column TM_LC_SGNB of table GRY_HH_TR_MEAS			
TR_SECSITE	Y NUMBER	38	
Retrofitted from column TR_SECSITE of table GRY_HH_TR_MEAS			
TM_DTNOCRT	Y NUMBER	38	
Retrofitted from column TM_DTNOCRT of table GRY_HH_TR_MEAS			
TM_DTSPCRT	Y NUMBER	38	
Retrofitted from column TM_DTSPCRT of table GRY_HH_TR_MEAS			
TM_DTWLIFE	Y NUMBER	38	
Retrofitted from column TM_DTWLIFE of table GRY_HH_TR_MEAS			
TM_DTDNPOS	Y VARCHAR2	1	
Retrofitted from column TM_DTDNPOS of table GRY_HH_TR_MEAS			
TM_SUITHT	Y VARCHAR2	1	
Retrofitted from column TM_SUITHT of table GRY_HH_TR_MEAS			
TM_VD_MEAS	Y VARCHAR2	1	
Retrofitted from column TM_VD_MEAS of table GRY_HH_TR_MEAS			
TMSVERTDIS	Y NUMBER	4,1	
Retrofitted from column TMSVERTDIS of table GRY_HH_TR_MEAS			
TMS_VDBEAR	Y NUMBER	38	
Retrofitted from column TMS_VDBEAR of table GRY_HH_TR_MEAS			
TMS_VDDPOG	Y NUMBER	4,1	
Retrofitted from column TMS_VDDPOG of table GRY_HH_TR_MEAS			
TMS_VDSPOG	Y NUMBER	38	
Retrofitted from column TMS_VDSPOG of table GRY_HH_TR_MEAS			
TM_VDSSIGN	Y VARCHAR2	1	
Retrofitted from column TM_VDSSIGN of table GRY_HH_TR_MEAS			
TR_DOWN_LD	Y VARCHAR2	1	
Retrofitted from column TR_DOWN_LD of table GRY_HH_TR_MEAS			
TMS_AGECOR	Y NUMBER	2	
Retrofitted from column TMS_AGECOR of table GRY_HH_TR_MEAS			
TMS_SI	Y NUMBER	4,1	
Retrofitted from column TMS_SI of table GRY_HH_TR_MEAS			
TM_DASPEC2	Y VARCHAR2	2	
Retrofitted from column TM_DASPEC2 of table GRY_HH_TR_MEAS			
TM_DATYPE2	Y VARCHAR2	1	
Retrofitted from column TM_DATYPE2 of table GRY_HH_TR_MEAS			
TM_DASVTY2	Y VARCHAR2	3	
Retrofitted from column TM_DASVTY2 of table GRY_HH_TR_MEAS			
TMS_NEWAGE	Y NUMBER	3	
Retrofitted from column TMS_NEWAGE of table GRY_HH_TR_MEAS			
TM_DATYPE1	Y VARCHAR2	1	
Retrofitted from column TM_DATYPE1 of table GRY_HH_TR_MEAS			
TM_DASVTY1	Y VARCHAR2	3	

Entity Name:	HH TR MEAS (cont'd)	<i>Short Name:</i>	GYS HTM
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Retrofitted from column TM_DASVTY1 of table GRY_HH_TR_MEAS			
TM_DASPEC1	Y	VARCHAR2	2
Retrofitted from column TM_DASPEC1 of table GRY_HH_TR_MEAS			
TM_REMARK1	Y	VARCHAR2	1
TM_REMARK2	Y	VARCHAR2	1
TM_REMARK3	Y	VARCHAR2	1
TM_AGECORE	Y	VARCHAR2	1
TR_SECCNTR	Y	VARCHAR2	1

* = *Attributes in primary unique identifier.*

Unique Identifiers:

GYS HTM	<i>Primary</i>	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: HH TREE			<i>Short Name:</i> GYS HT	
<i>Plural:</i> GYS HH TREE				
<i>Init. Volume:</i> 0	<i>Avg. Volume:</i> 50	<i>Max. Volume:</i> 100	<i>Annual Growth Rate:</i> 0%	

Description:

This is a temporary table used to load the following main table: GYS TREE ASSESSMENT
Corresponds to a record in the TREE table for Handheld-format input data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		Y	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_HH_TREE				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_HH_TREE				
DB_KEY		Y	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_HH_TREE				
PL_PLOT_NO		Y	NUMBER	38
Retrofitted from column PL_PLOT_NO of table GRY_HH_TREE				
TR_TREE_NO		Y	NUMBER	38
Retrofitted from column TR_TREE_NO of table GRY_HH_TREE				
TR_SECTOR		Y	NUMBER	38
Retrofitted from column TR_SECTOR of table GRY_HH_TREE				
TR_NEAR		Y	NUMBER	38
Retrofitted from column TR_NEAR of table GRY_HH_TREE				
TR_SPECIES		Y	VARCHAR2	3
Retrofitted from column TR_SPECIES of table GRY_HH_TREE				
TR_NAT		Y	VARCHAR2	1
Retrofitted from column TR_NAT of table GRY_HH_TREE				
TR_DIA		Y	NUMBER	5,1
Retrofitted from column TR_DIA of table GRY_HH_TREE				
TR_HEIGHT		Y	NUMBER	3,1
Retrofitted from column TR_HEIGHT of table GRY_HH_TREE				
TR_NEW_OLD		Y	VARCHAR2	1
Retrofitted from column TR_NEW_OLD of table GRY_HH_TREE				
TR_BEAR		Y	NUMBER	38
Retrofitted from column TR_BEAR of table GRY_HH_TREE				
TR_SLOPE		Y	NUMBER	38
Retrofitted from column TR_SLOPE of table GRY_HH_TREE				
TR_DIST		Y	NUMBER	5,2
Retrofitted from column TR_DIST of table GRY_HH_TREE				
TR_TR1_NO		Y	NUMBER	38
Retrofitted from column TR_TR1_NO of table GRY_HH_TREE				
TR_TR1DIST		Y	NUMBER	5,2
Retrofitted from column TR_TR1DIST of table GRY_HH_TREE				
TR_TR2_NO		Y	NUMBER	38
Retrofitted from column TR_TR2_NO of table GRY_HH_TREE				
TR_TR2DIST		Y	NUMBER	5,2
Retrofitted from column TR_TR2DIST of table GRY_HH_TREE				
TR_TR3_NO		Y	NUMBER	38
Retrofitted from column TR_TR3_NO of table GRY_HH_TREE				
TR_TR3DIST		Y	NUMBER	5,2

Entity Name:	HH TREE (cont'd)	Short Name:	GYS HT
	Retrofitted from column TR_TR3DIST of table GRY_HH_TREE		
TR_SEQ_NO		Y NUMBER	38
	Retrofitted from column TR_SEQ_NO of table GRY_HH_TREE		
TR_IN_PLOT		Y VARCHAR2	1
	Retrofitted from column TR_IN_PLOT of table GRY_HH_TREE		
DUMMY_A		Y VARCHAR2	1
	Retrofitted from column DUMMY_A of table GRY_HH_TREE		
CR_DATE		Y DATE	
	Retrofitted from column CR_DATE of table GRY_HH_TREE		
CR_TIME		Y VARCHAR2	8
	Retrofitted from column CR_TIME of table GRY_HH_TREE		
LU_DATE		Y DATE	
	Retrofitted from column LU_DATE of table GRY_HH_TREE		
LU_TIME		Y VARCHAR2	8
	Retrofitted from column LU_TIME of table GRY_HH_TREE		
CR_MODE		Y VARCHAR2	1
	Retrofitted from column CR_MODE of table GRY_HH_TREE		
LU_MODE		Y VARCHAR2	1
	Retrofitted from column LU_MODE of table GRY_HH_TREE		
TR_SECSITE		Y NUMBER	38
	Retrofitted from column TR_SECSITE of table GRY_HH_TREE		
TR_DOWN_LD		Y VARCHAR2	1
	Retrofitted from column TR_DOWN_LD of table GRY_HH_TREE		
TR_SECCNTR		Y VARCHAR2	1
	Retrofitted from column TR_SECCNTR of table GRY_HH_TREE		
* = Attributes in primary unique identifier.			

Unique Identifiers:

GYS HT	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Source replication THE schema to idwprod1 WHSE_CORP ---> copied to CORP schemas

Entity Name: HT DIAMETER CURVE USE CODE			Short Name: GYS HDCUC	
Plural: GYS HT DIAMETER CURVE USE CODE				
Init. Volume: 10		Avg. Volume: 15		Max. Volume: 20
			Annual Growth Rate: 1%	

Description:

A HT DIAMETER CURVE USE CODE is a code that denotes that the measured tree height is not to be used for height diameter curve calculation or gives tree height check status. Examples: W = Warning, V = Verified.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HT DIAMETER CURVE USE CODE	CODETABLE CODE	N	VARCHAR2	10
A code that denotes that the measured tree height is not to be used for height diameter curve calculation or gives tree height check status. Examples: W = Warning, V = Verified.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE specifying calculation details for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS HDCUC	Primary	Y
HT DIAMETER CURVE USE CODE		

Entity Name: HT MEASUREMENT STATUS CODE				Short Name: GYS HMSC	
Plural: GYS HT MEASUREMENT STATUS CODE					
Init. Volume: 10		Avg. Volume: 15		Max. Volume: 20	
				Annual Growth Rate: 1%	

Description:

A HT MEASUREMENT STATUS CODE is a code that describes the status of a tree which is measured for height. Codes describe whether the tree has been measured as a a top height tree, a site height tree, as both types, or as measured without either designation. Examples: H = "Selected for height measurement and measured as a top height tree", M = "Measured for height but not selected (designated) as either a top height or site height tree."

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HT MEASUREMENT STATUS CODE	CODETABLE CODE	N	VARCHAR2	10
A code that describes the status of a tree which is measured for height. Codes describe whether the tree has been measured as a a top height tree, a site height tree, as both types, or as measured without either designation. Examples: H = "Selected for height measurement and measured as a top height tree", M = "Measured for height but not selected (designated) as either a top height or site height tree."				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating measurement status for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS HMSC	Primary	Y
HT MEASUREMENT STATUS CODE		

Entity Name: IMPERIAL DBH CLASS COUNT				Short Name:	GYS IDCCT
Plural:	GYS IMPERIAL DBH CLASS COUNT				
Init. Volume:	1500000	Avg. Volume:	2500000	Max. Volume:	3000000
				Annual Growth Rate:	15%

Description:

An IMPERIAL DBH CLASS COUNT is a count of the TREES in a given PLOT for a given tree species, categorized by imperial Diameter at Breast Height (DBH) class

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* IMPERIAL DBH CLASS COUNT ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
CLASS NO	CLASS NO	N	NUMBER	2
A class code describing a Imperial Diameter at Breast Height (DBH) diameter range. Imperial DBH Class 1 includes trees with a DBH in the range 0.6"-1.5" , Class 2; 1.6"-2.5", and Class 3; 2.6"-3.5".				
SED 7:26 1.5-3.9cm=>1				
SED 7:30 4.0-6.4cm=>2				
SED 7:34 6.5-9.0cm=>3				
TREE COUNT	TREE COUNT	Y	NUMBER	4
The total number of trees counted by species within an Imperial Diameter at Breast Height (DBH) Class.				
SED 7:26 1.5-3.9cm				
SED 7:30 4.0-6.4cm				
SED 7:34 6.5-9.0cm				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE counted around one and only one PLOT
 - MUST BE a product of one and only one SAMPLE MEASUREMENT
 - MUST BE count for one and only one SPECIES CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

GYS IDCC	Primary	Y
IMPERIAL DBH CLASS COUNT ID		

Entity Name: LAYER				Short Name:	GYS L
Plural:	GYS LAYER				
Init. Volume:	16000	Avg. Volume:	80000	Max. Volume:	160000
				Annual Growth Rate:	15%

Description:

A LAYER is a horizontal stratum or layer in a plant community and in a forest, appearing as one or more canopies.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LAYER ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
LAYER STRUCTURE	TEXT 1	Y	VARCHAR2	1
Indicates whether a stand layer is of simple (S) or complex (C) (uneven aged) structure in terms of age and height composition. A blank value is assumed to be 'S'. <i>SED 3:23 Structure</i>				
CROWN CLOSURE GROUND PERCENT	PERCENT	Y	NUMBER	3
Crown closure is the percentage of plot area covered by the crowns of trees in a stand layer. This is estimated from the ground to the nearest percent. <i>SED 3:45 Crown Closure Ground % HH Sp_Meas:29 sm_l1_grnd HH Sp_Meas:40 sm_l2_grnd</i>				
DENSITY FIELD EST	NUMERIC 5	Y	NUMBER	5
Stand density in stems per hectare for a layer. <i>SED 3:48 Density Stems/ha (Field Estimate) HH Sp_Meas:35 sm_l1st_ha HH Sp_Meas:46 sm_l2st_ha</i>				
CROWN CLOSURE AIR PERCENT	PERCENT	Y	NUMBER	3
Crown closure is the percentage of plot area covered by the crowns of trees in a stand layer. This is estimated from air photo interpretation or aerial reconnaissance to the nearest percent. <i>SED 3:68 Crown Closure Air % HH Sp_Meas:32 sm_l1_air HH Sp_Meas:43 sm_l2_air</i>				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE categorized by one and only one LAYER CODE

MAY BE the stratum for one or more GYS LAYER SPECIES ASSESSMENT

MUST BE evaluated by one and only one SAMPLE MEASUREMENT

MAY BE having special site indicated by one and only one SPECIAL SITE CODE

MAY BE a classification for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS L	Primary	Y
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Entity Name:	LAYER (cont'd)	Short Name:	GYS L
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LAYER ID

Notes:

- The following layer classes are recognized:
- Single-layered: a forest having one story (the main layer)
- Multi-layered: a forest having two or more stories

Entity Name: LAYER CODE				<i>Short Name:</i> GYS LC	
<i>Plural:</i> GYS LAYER CODE					
<i>Init. Volume:</i> 10		<i>Avg. Volume:</i> 15		<i>Max. Volume:</i> 20	
				<i>Annual Growth Rate:</i> 1%	

Description:

A LAYER CODE is a code that denotes a layer; a horizontal stratum in the forest appearing as one or more canopies.
Examples: 1 = main layer, V = veteran layer.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LAYER CODE	CODETABLE CODE	N	VARCHAR2	10
A code that denotes a layer; a horizontal stratum in the forest appearing as one or more canopies. Examples: 1 = main layer, V = veteran layer.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE categorizing one or more GYS LAYER
MAY BE indicating primary layer for one or more GYS SAMPLE MEASUREMENT
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS LC	Primary	Y
LAYER CODE		

Entity Name: LAYER SPECIES ASSESSMENT**Short Name:** GYS LSA**Plural:** GYS LAYER SPECIES ASSESSMENT**Init. Volume:** 480000 **Avg. Volume:** 2400000 **Max. Volume:** 4800000 **Annual Growth Rate:** 15%**Description:**

A LAYER SPECIES ASSESSMENT is an examination of a given species within a given LAYER within a given SAMPLE.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LAYER SPECIES ASSESSMENT ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
LEADING SPECIES IND	INDICATOR	Y	VARCHAR2	1
LEADING SPECIES IND is an indicator denoting that the species is the species having the largest basal area percent within the layer. Valid values are "Y", "N", or NULL.				
SECOND SPECIES IND	INDICATOR	Y	VARCHAR2	1
SECOND SPECIES IND is an indicator denoting that the species is the species having the second largest basal area percent within the layer. Valid values are "Y", "N", or NULL.				
BASAL AREA	BASAL AREA	Y	NUMBER	10,4
This is the basal area for the species within the layer. Basal area is the cross sectional tree area at breast height.				
<i>HH Species:30 so_basal</i>				
QUADRATIC MEAN DIAM	NUMERIC 5,1	Y	NUMBER	5,1
This variable allows conversion of density to basal area per hectare for a species and layer.				
<i>HH Species:68 so_qmd</i>				
BASAL AREA PERCENT	PERCENT	Y	NUMBER	3
This is the percentage of the total basal area for the layer represented by the species.				
<i>HH Species:76 so_ba_pct</i>				
LEADING SPC MEAN TOTAL AGE	AGE	Y	NUMBER	3
The mean age of a stand calculated using total age values for leading species sample trees which were bored for age.				
<i>SED 3:33 Mean Total Age</i>				
<i>HH Species:154 so_totagav</i>				
LEADING SPC AGE RANGE MIN	AGE	Y	NUMBER	3
Lower value of age range of a complex layer.				
<i>SED 3:36 Age Range (Complex Layer) - Minimum</i>				
<i>HH Species:56 so_bh_min</i>				
LEADING SPC AGE RANGE MAX	AGE	Y	NUMBER	3
Upper value of age range of a complex layer.				
<i>SED 3:39 Age Range (Complex Layer) - Maximum</i>				
<i>HH Species:59 so_bh_max</i>				
LEADING SPC MEAN HT	NUMERIC 3,1	Y	NUMBER	3,1
The mean height of the layer in metres calculated using measured or estimated tree heights for leading species.				
<i>SED 3:42 Height (m)</i>				
<i>HH Species:103 so_ht_avg</i>				
LEADING SPC MEAN BREAST HT AGE	NUMERIC 6	Y	NUMBER	6
The mean age of a stand calculated using breast height age values for leading species sample trees bored at breast height.				
<i>SED 3:65 Mean Breast Height Age</i>				
<i>HH Species:97 so_bh_avg</i>				
LEADING SPC TOP HT CURVE	NUMERIC 3,1	Y	NUMBER	3,1
An attribute that is loaded form Standard Edit Data (SEDATA) format. This is a top height value from a curve calculated as a one time project for input for the Variable Density Yield				

Entity Name:	LAYER SPECIES ASSESSMENT (cont'd)	Short Name:	GYS LSA
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Projection model.			
SED 3:73 Top Height (Curve)			
LEADING SPC SITE INDEX BHA 50	NUMERIC 3,1	Y NUMBER	3,1
An expression of the forest site quality based on stand age and height. Site index is determined using stand age, stand height, and site index equations. These equations are based on reference age of 50 years at Breast Height Age.			
SED 3:76 Site Index BHA 50			
HH Species:194 so_siteidx			
ENTRY TIMESTAMP	AUDIT DATE	N DATE	
Date/time the record was created.			
ENTRY USERID	AUDIT USERID	N VARCHAR2	30
ID of the user who created the record.			
UPDATE TIMESTAMP	AUDIT DATE	Y DATE	
Date/time the record was last updated.			
UPDATE USERID	AUDIT USERID	Y VARCHAR2	30
ID of the user who last updated the record.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

- MUST BE included in one and only one LAYER
- MUST BE examining trees categorized by one and only one SPECIES CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

GYS LSA	Primary	Y
LAYER SPECIES ASSESSMENT ID		

Entity Name:	MESSAGE LEVEL CODE	Short Name:	GYSMLC
Plural:	GYS MESSAGE 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:

- INFO - Information
- WARN - Warning
- ERR - Error

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MESSAGE LEVEL CODE		N	VARCHAR2	4
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	AUDIT DATE	N	DATE	
Effective date/time				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Expiry date/time				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Update date/time				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE error level for one or more GYS PACKAGE TRANSACTION LOG

* = Relationships in primary unique identifier.

Unique Identifiers:

GELC PK	Primary	Y
MESSAGE LEVEL CODE		

Entity Name: MESSAGE TYPE CODE			<i>Short Name:</i>	GYSMTC
<i>Plural:</i>	GYS MESSAGE TYPE CODE			
<i>Init. Volume:</i>	5	<i>Avg. Volume:</i>	5	<i>Max. Volume:</i> 10
			<i>Annual Growth Rate:</i>	10%

Description:

A list of codes that describe the type of messages produced while loading samples and sample measurments into GYS.

Eg.
BRP0 Business Rule Pass 0 - Type, range and optionality check
BRP1 Business Rule Pass 1 - Within sample check
BRP2 Business Rule Pass 2 - Compare between sample check
SYS System message

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MESSAGE TYPE CODE		N	VARCHAR2	3
Code representation of the process type.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
Provides the description for the code. This is the human readable form of the code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Effective date/time				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Expiry date/time				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Update date/time				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE error type for one or more GYS PACKAGE TRANSACTION LOG

* = Relationships in primary unique identifier.

Unique Identifiers:

GETC PK	Primary	Y
MESSAGE TYPE CODE		

Entity Name: METRIC DBH CLASS COUNT				<i>Short Name:</i> GYS MDCCT	
<i>Plural:</i> GYS METRIC DBH CLASS COUNT					
<i>Init. Volume:</i> 1500000		<i>Avg. Volume:</i> 2500000		<i>Max. Volume:</i> 3000000	
				<i>Annual Growth Rate:</i> 15%	

Description:

A METRIC DBH CLASS COUNT is a count of the TREEs in a given PLOT for a given tree species, categorized by metric Diameter at Breast Height (DBH) class.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* METRIC DBH CLASS COUNT ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
CLASS NO	CLASS NO	N	NUMBER	2
Metric Diameter at Breast Height (DBH) class code describing DBH range within which trees are tallied. A class is a code describing a tree height or diameter range. ie Metric DBH Class 0 describes trees having a height in the range 0.3 m to 1.3 m , class 1 describes a trees having a DBH within the range of 0.0 cm to 1.9 cm.				
SED 7:43 0.3-1.3m=>0				
SED 7:46 0.0-1.9cm=>1				
SED 7:49 2.0-3.9cm=>2				
SED 7:46 4.0-5.9cm=>3				
SED 7:55 6.0-7.9cm=>4				
SED 7:58 8.0-9.9cm=>5				
SED 7:61 10.0-11.9cm=>6				
SED 7:64 12.0-13.9cm=>7				
SED 7:67 14.0-15.9cm=>8				
SED 7:70 16.0-17.9cm=>9				
SED 7:73 18.0-19.9cm=>10				
SED 7:76 20.0+cm=>11				
HH Dot:24 dc_class0=>0				
HH Dot:28 dc_class1=>1				
HH Dot:32 dc_class2=>2				
HH Dot:36 dc_class3=>3				
HH Dot:40 dc_class4=>4				
HH Dot:44 dc_class5=>5				
HH Dot:48 dc_class6=>6				
HH Dot:52 dc_class7=>7				
HH Dot:56 dc_class8=>8				
HH Dot:60 dc_class9=>9				
HH Dot:64 dc_class10=>10				
HH Dot:68 dc_class11=>11				
TREE COUNT	TREE COUNT	Y	NUMBER	4
The total number of trees counted by species within a Metric Diameter at Breast Height (DBH) Class.				
SED 7:43 0.3-1.3m				
SED 7:46 0.0-1.9cm				
SED 7:49 2.0-3.9cm				
SED 7:46 4.0-5.9cm				
SED 7:55 6.0-7.9cm				
SED 7:58 8.0-9.9cm				
SED 7:61 10.0-11.9cm				
SED 7:64 12.0-13.9cm				
SED 7:67 14.0-15.9cm				
SED 7:70 16.0-17.9cm				
SED 7:73 18.0-19.9cm				
SED 7:76 20.0+cm				
HH Dot:24 dc_class0				
HH Dot:28 dc_class1				
HH Dot:32 dc_class2				
HH Dot:36 dc_class3				

Entity Name:	METRIC DBH CLASS COUNT (cont'd)	Short Name:	GYS MDCCT
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HH Dot:40 dc_class4
HH Dot:44 dc_class5
HH Dot:48 dc_class6
HH Dot:52 dc_class7
HH Dot:56 dc_class8
HH Dot:60 dc_class9
HH Dot:64 dc_class10
HH Dot:68 dc_class11

ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE counted around one and only one PLOT
MUST BE a product of one and only one SAMPLE MEASUREMENT
MUST BE count for one and only one SPECIES CODE
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS MDCCT	Primary	Y
METRIC DBH CLASS COUNT ID		

Entity Name: MISSED DROPPED FALLEN CD				Short Name:	GYS MDFC
Plural:	GYS MISSED DROPPED FALLEN CD				
Init. Volume:	10	Avg. Volume:	15	Max. Volume:	20
				Annual Growth Rate:	1%

Description:

A MISSED DROPPED FALLEN CD is a code that describes the condition of the tree as missed, dropped or fallen.
Examples: M, D, F.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MISSED DROPPED FALLEN CD	CODETABLE CODE	N	VARCHAR2	10
A code that describes the condition of the tree as missed, dropped or fallen. Examples: M, D, F.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating special sampling status for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS MDFC	Primary	Y
MISSED DROPPED FALLEN CD		

Entity Name: ORG UNIT			<i>Short Name:</i> ORG UNIT		
<i>Plural:</i> ORG UNIT					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ORG UNIT NO	NUMERIC IDENTIFIER	Y	NUMBER	10

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE district for one or more GYS SAMPLE
MAY BE district for one or more GYS SAMPLE MEASUREMENT
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS OU	<i>Primary</i> Y
ORG UNIT NO	

Entity Name: PACKAGE TRANS CONTENT**Short Name:** GYSPTC**Plural:** GYS PACKAGE TRANS CONTENT**Init. Volume:** 1000**Avg. Volume:** 1500**Max. Volume:** 25000**Annual Growth Rate:** 10%**Description:**

As a package transaction could have one or more samples or sample measurements within them so this entity will maintain the sample and sample measurement numbers loaded.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PACKAGE TRANSACTION CONTEXT ID	NUMERIC IDENTIFIER	N	NUMBER	10
Primary unique numeric identifier for a package made up of polygons.				
INSTALLATION NO	NUMERIC 3	Y	NUMBER	3
Installation identification number - must be unique for a sample type within Region, Compartment and Compartment Letter.				
SED 0:8 Installation				
SAMPLE NO	NUMERIC 3	N	NUMBER	3
Sample identification number - must be unique for a sample type within Region, Compartment, Compartment Letter and Installation.				
SED 0:11 Sample No				
MEASUREMENT NO	NUMERIC 3	Y	NUMBER	3
Zero denotes the first measurement, one the first remeasurement, etc.				
SED 0:15 Measurement No				
HH Sp_Meas:17 sm_meas_no				
The SED measurement number comes in as either 1-9, or as an alphabetic character representing measurement numbers greater than 9, for example, A=10, B=11.				
The SED alphabetic measurement numbers should be converted to their numeric equivalents.				
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 transaction context for one and only one PACKAGE TRANSACTION

MAY BE error context for one or more GYS PACKAGE TRANSACTION LOG

MUST BE contained in areal unit one and only one RCL AREA VALIDN CODES

MUST BE of sample type one and only one SAMPLE TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

GPKTC PK Primary Y

PACKAGE TRANSACTION CONTEXT ID

Entity Name: PACKAGE TRANS TYPE CODE**Short Name:** GYSTTC**Plural:** GYS PACKAGE TRANS TYPE CODE**Init. Volume:** 5**Avg. Volume:** 5**Max. Volume:** 10**Annual Growth Rate:** 10%**Description:**

Currently the GYS system has two type of file formats that is supports. One is the SED format and the second is the handheld format. In the future a XML format will be supported. The package transaction type code identifies the transaction (file) type or the file format of the sample or sample measurement.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TRANSACTION TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
A code that describes the type of transaction.eg.HH - HandHeld Sample Data CollectionSED - Sample Edit Data CollectionXML - XML Data Collection				
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 GYS PACKAGE TRANSACTION

MAY BE transaction type for one or more VRIMS PACKAGE TRANSACTION

* = Relationships in primary unique identifier.

Unique Identifiers:

VTTC PK Primary Y

TRANSACTION TYPE CODE

Entity Name: PACKAGE TRANSACTION**Short Name:** GYSPT**Plural:** GYS PACKAGE TRANSACTION**Init. Volume:** 1000**Avg. Volume:** 1500**Max. Volume:** 25000**Annual Growth Rate:** 10%**Description:**

This entity represents a package made up of samples and sample measurements that have been processed in a single transaction. The package can contain one or many sample measurements and can be from a SED or Handheld data recorder.

Once the package transaction has completed the sample and or the sample measurement will be loaded in the core GYS entities. These package entities are used to load file data into the system and to provide a history of the files loaded and the errors, warnings, and informational messages generated during the load. No business process has been defined yet to purge this information but this will be addressed in a future release as any change would require a model change. (ie for XML data file processing)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PACKAGE TRANSACTION ID	NUMERIC IDENTIFIER	N	NUMBER	10
Primary unique numeric identifier for a transaction made up of samples or sample measurements				
TRANSACTION LOAD IND	INDICATOR	N	VARCHAR2	1
An indicator to used to reflect if a transaction (sample or sample measurement) has been successfully loaded into the database. Successful loads are normally associated with sample and sample measurements that meet at least the pass 0 and database referential integrity rules.				
TRANSACTION DESCRIPTION	CODETABLE DESCRIPTION	Y	VARCHAR2	120
A description of the transaction. This could include the name of the firm that has completed the work, project name and the general location of the sample or sample measurement.				
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 transaction context one or more GYS PACKAGE TRANS CONTENT

MUST BE of transaction type one and only one PACKAGE TRANS TYPE CODE

MAY BE of transaction filename one or more GYS PACKAGE TRANSACTION FILE

MAY BE produces errors for one or more GYS PACKAGE TRANSACTION LOG

* = Relationships in primary unique identifier.

Unique Identifiers:

GPKT PK Primary Y

PACKAGE TRANSACTION ID

Entity Name: PACKAGE TRANSACTION FILE				Short Name:	GYSPTF
Plural:	GYS PACKAGE TRANSACTION FILE				
Init. Volume:	1000	Avg. Volume:	1500	Max. Volume:	25000
				Annual Growth Rate:	10%

Description:

This entity represents the names of files used within a single package transaction. SED formatted files will only have a single file for a package transaction and Handheld formatted files will have nine files.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PACKAGE TRANSACTION FILE ID	NUMERIC IDENTIFIER	N	NUMBER	10
Primary unique numeric identifier for a package made up of polygons.				
FILE NAME	FILE NAME	N	VARCHAR2	64
The name of the file for the package.				
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 transaction filename for one and only one PACKAGE TRANSACTION

* = Relationships in primary unique identifier.

Unique Identifiers:

GPKTF PK	Primary	Y
PACKAGE TRANSACTION FILE ID		

Entity Name: PACKAGE TRANSACTION LOG				Short Name:	GYSPTL
Plural:	GYS PACKAGE TRANSACTION LOG				
Init. Volume:	20000	Avg. Volume:	30000	Max. Volume:	40000
				Annual Growth Rate:	0%

Description:

Provides a container for writing business and system information, warnings and 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:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PACKAGE TRANSACTION LOG ID	NUMERIC IDENTIFIER	N	NUMBER	10
Primary unique identifier for an error entry.				
LOG MESSAGE	COMMENTS	N	VARCHAR2	2000
Contains the application text error.				
ENTRY TIMESTAMP	AUDIT DATE	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 PACKAGE TRANSACTION

or MAY BE of context one and only one PACKAGE TRANS CONTENT

MUST BE of error level one and only one MESSAGE LEVEL CODE

MUST BE of error type one and only one MESSAGE TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

GEL PK	Primary	Y
PACKAGE TRANSACTION LOG ID		

Entity Name: PATHOLOGICAL OBSERVATION				<i>Short Name:</i>	GYS PO
<i>Plural:</i>	GYS PATHOLOGICAL OBSERVATION				
<i>Init. Volume:</i>	2000000	<i>Avg. Volume:</i>	3000000	<i>Max. Volume:</i>	6000000
				<i>Annual Growth Rate:</i>	10%

Description:

A PATHOLOGICAL OBSERVATION is an observation of the presence of decay on one or more thirds of the stem.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PATHOLOGICAL OBSERVATION ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE having type indicated by one and only one PATHOLOGICAL OBSERVATION CODE
- MUST BE indicating presence of decay for one and only one TREE MEASUREMENT
- MUST BE having location indicated by one and only one TREE THIRD CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

GYS PO	Primary	Y
PATHOLOGICAL OBSERVATION ID		

Entity Name:	PATHOLOGICAL OBSERVATION CODE			<i>Short Name:</i>	GYS POC
<i>Plural:</i>	GYS PATHOLOGICAL OBSRVTN CODE				
<i>Init. Volume:</i>	10	<i>Avg. Volume:</i>	15	<i>Max. Volume:</i>	20
				<i>Annual Growth Rate:</i>	1%

Description:

A PATHOLOGICAL OBSERVATION TYPE CODE is a code which describes pathological decay indicators present for the tree. Examples: CNK = Conk, ROT = Rotten Branch

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PATHOLOGICAL OBSRVTN CODE	CODETABLE CODE	N	VARCHAR2	10
A code which describes pathological decay indicators present for the tree. Examples: CNK = Conk, ROT = Rotten Branch				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating type of one or more GYS PATHOLOGICAL OBSERVATION

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS POC	Primary	Y
PATHOLOGICAL OBSRVTN CODE		

Entity Name: PITH CODE				<i>Short Name:</i> GYS PC	
<i>Plural:</i> GYS PITH CODE					
<i>Init. Volume:</i> 10		<i>Avg. Volume:</i> 15		<i>Max. Volume:</i> 20	
				<i>Annual Growth Rate:</i> 1%	

Description:

A PITH CODE is a code that describes the condition of the pith on boring a tree for age. The pith was hit and was intact or the pith was hit and found to be rotten. Examples: P = Pith Obtained, R = Rotten

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PITH CODE	CODETABLE CODE	N	VARCHAR2	10
A code that describes the condition of the pith on boring a tree for age. The pith was hit and was intact or the pith was hit and found to be rotten. Examples: P = Pith Obtained, R = Rotten				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating pith contact for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS PC	Primary	Y
PITH CODE		

Entity Name: PLOT

Short Name: GYS P

Plural: GYS PLOT

Init. Volume: 150000 Avg. Volume: 250000 Max. Volume: 300000 Annual Growth Rate: 15%

Description:

A PLOT is a physical area within a given SAMPLE used to determine how much of a given characteristic is present for a given TREE.

A STEM MAPPING is a measure of the bearing and horizontal distance (corrected slope distance) of a plot tree relative to a common sample reference point (e.g. plot centre stake).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* PLOT ID	NUMERIC IDENTIFIER	N NUMBER	10
A unique key, generated from a sequence.			
PLOT NO	NUMERIC 2	N NUMBER	2
The plot within a sample. A circular or rectangular area within which trees are measured (tallied). Number of plots per sample varies by sample type. Sample type G or T = 1 to 3 plots per sample, I = 1 to 10, R = 1, S = 1 to 6.			
SED 4:17 Plot Number			
HH Plot:17 pl_plot_no			
PLOT ASPECT	BEARING	Y NUMBER	3
Plot aspect in degrees. Value 0 = Flat, 45 = NE, 90 = E, 135 = SE, 180 = S, 225 = SW, 270 = W, 315 = NW, 360 = N.			
HH Plot:19 pl_aspect			
PLOT SLOPE	PERCENT	Y NUMBER	3
Plot slope in percent. Range 0 to 99.			
HH Plot:22 pl_slope			
PLOT ELEVATION	NUMERIC 4	Y NUMBER	4
The elevation in metres above sea level of the site location. Range 0 to 3000.			
HH Plot:26 pl_elevate			
PLOT RADIUS	NUMERIC 5,2	Y NUMBER	5,2
Plot radius in metres for fixed radius plot. Must be consistent with plot area, if present and Per Hectare Factor.			
HH Plot:30 pl_radius			
SED 2:35 Main Plot Radius (m)			
PLOT AREA	PLOT AREA	Y NUMBER	6,4
Plot area in hectares rounded to the nearest 0.001. Must be consistent with plot radius and per hectare factor.			
HH Plot:35 pl_area			
SED 2:39 Main Plot Area (ha)			
PLOT LENGTH	PLOT EXTENT	Y NUMBER	6,2
The length of the longest side of a rectangular sample plot.			
HH Plot:41 pl_lgth			
PLOT WIDTH	PLOT EXTENT	Y NUMBER	6,2
The length of the shortest side of a rectangular sample plot.			
HH Plot:47 pl_wdth			
BASAL AREA FACTOR	BASAL AREA FACTOR	Y NUMBER	6,3
The diameter of a tree at breast height (1.3 metres) and its distance from the plot centre will determine whether the tree is in the variable radius (prism) plot. The BASAL AREA FACTOR is a conversion factor that allows you to extrapolate to represent the stem area (metres squared) per hectare.			
HH Plot:53 pl_ba_fctr			
SED 2:30 Basal Area Factor No 1			
CENTER STAKE OK IND	INDICATOR	Y VARCHAR2	1

Entity Name: PLOT (cont'd)		Short Name:	GYS P
Indicates whether the center stake for the plot is present. Values: Y, N. <i>HH Plot:91 pl_stk_ok</i>			
STEM MAP OFF BRG TO PLT CENTER	BEARING	Y NUMBER	3
Bearing from offset compass position to plot centre. Currently for Growth Natural (G) samples only. This indicates that stem map measurements were not taken from plot centre but from an offset point. <i>SED 6:66 Stem Map Offset - Bearing to Center (0-360)</i> <i>HH Plot:59 pl_os_bear</i> <i>If the plot if full stem mapped (stem mapped ind = Y) then there may be stem map offset variables (bearing, slope percent, slope distance) recorded. This indicates that measurements for trees were not taken from plot center but from an offset point. SEData card type 6 is a stem map record for a tree. These offset variables should be written into the card type 6 for each tree stem mapped.</i>			
STEM MAP OFF SLOPE PERCENT	PERCENT	Y NUMBER	3
Slope reading in percent for stem map offset compass position. <i>SED 6:69 Stem Map Offset - Slope Percent</i> <i>HH Plot:62 pl_os_slop</i>			
STEM MAP OFF SLOPE DISTANCE	NUMERIC 5,2	Y NUMBER	5,2
Slope distance (metres) from stem map offset compass position to plot centre. <i>SED 6:71 Stem Map Offset - Slope Distance</i> <i>HH Plot:65 pl_ossdist</i>			
IN GROWTH RADIUS	NUMERIC 4,2	Y NUMBER	4,2
Ingrowth subplot radius; used for Intensive Forestry samples only. <i>HH Plot:87 pl_ing_rad</i>			
TAGGING SECTOR CNT	NUMERIC 2	Y NUMBER	2
Number of tagging sectors in the plot. Values = blank or 1 to 16. <i>HH Plot:95 pl_num_sec</i>			
TIELINE BEARING	BEARING	Y NUMBER	3
Tie-line bearing from tie point reference to plot one or, in a sample composed of several plots, the bearing from a plot to the next plot in sequence.			
TIELINE DISTANCE	NUMERIC 5,1	Y NUMBER	5,1
Distance from tie point to plot one or in a sample composed of several plots the distance from a plot to the next plot in sequence.			
ENTRY TIMESTAMP	AUDIT DATE	N DATE	
Date/time the record was created.			
ENTRY USERID	AUDIT USERID	N VARCHAR2	30
ID of the user who created the record.			
UPDATE TIMESTAMP	AUDIT DATE	Y DATE	
Date/time the record was last updated.			
UPDATE USERID	AUDIT USERID	Y VARCHAR2	30
ID of the user who last updated the record.			
* = Attributes in primary unique identifier.			

Relationships:**Each Occurrence Of This Entity:**

MAY BE the center of one or more GYS DEAD TREE TALLY

MAY BE the center of one or more GYS IMPERIAL DBH CLASS COUNT

MAY BE the center of one or more GYS METRIC DBH CLASS COUNT

MUST BE a constituent of one and only one SAMPLE

MAY BE having slope indicated by one and only one SLOPE POSITION CODE

MAY BE located within one and only one SUBPLOT

Entity Name:	PLOT (cont'd)	<i>Short Name:</i>	GYS P
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MAY BE the encompassing area for one or more GYS TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS P	Primary	Y
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PLOT ID

Entity Name: POSITION METHOD CODE			Short Name:	PMC
Plural:	GYS POSITION METHOD CODE			
Init. Volume:	4	Avg. Volume:	4	Max. Volume: 10
			Annual Growth Rate:	0%

Description:

Describes the method used to gather the position of the spatial data. Values include (DGPS) Differential GPS, (RGPS) Recreation GPS, (MAP) Map Based Coordinates, and (OTH) Other.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* POSITION METHOD CODE	CODETABLE CODE	Y	VARCHAR2	10
A code that identifies a method used to gather the position of the spatial data for a sample.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE used to measure poistion one or more GYS SAMPLE
* = Relationships in primary unique identifier.

Unique Identifiers:

PMC	Primary	Y
POSITION METHOD CODE		

Notes:

Added August 9 2007. John Jobson

Entity Name: PRE CONVERSION TREE DMG OCCURRE**Short Name:**

PCTD

Plural: GYS PRE CONV TREE DMG OCCUR**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Pre conversion tree damage occurrence is retained, pre-conversion tree damage information being held for potential correction of converted values. Conversion (in 2008) of damage information determined Damage Agent and Damage Severity values for tree damage and stored the values in TREE DAMAGE OCCURANCE. This pre-conversion input data from handhelds and SED cards is source data for the conversion tree damage values and is kept because the input values were inconsistent in some cases, and therefore conversion may not have created the correct tree damage information. This information will be retained until some future date when it will be corrected.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PRE CONV TREE DAMAGE OCCUR ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
DAMAGE ORDER	NUMERIC ORDER	Y	NUMBER	3
The order in which the tree damage is reported for a tree measurement. Where order 1 would represent the primary tree damage and 2 would represent the secondary damage. The business area can only collect two types of tree damage with thier current data collection tools however the business area has reported collecting an addition three damage types manually.				
DAMAGE AGENT SEVERITY CODE	CODETABLE CODE	N	VARCHAR2	10
A single character code that describes the degree or nature of damage to a tree due to insect, disease or injury. Examples: RA - Red attack, mountain oine beetle, L = Low damage.				
DAMAGE AGENT TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
A code that describes the type of species that has damaged a tree. Examples: A = Animal Damage, C = Cone and Seed Insects.				
DURATION OF ATTACKS		Y	NUMBER	3
Records the number of years of attacks when damage agent type code is Major crook, Minor crook, forking, or staghead				
HAWKSWORTH CLASS	TEXT 3	Y	VARCHAR2	3
Hawksworth Class is a six class dwarf mistletoe rating system for a tree. On a tree or stand basis, light infection is a rating of 1 to 2; moderate is 3 to 4; and severe is 5 to 6. For a stand, the rating is calculated as the average rating of all infected trees. Only identified when damage agent severity code is Major or Minor Stem Swell.				
SEVERITY PERCENT	NUMERIC 3	Y	NUMBER	3
Severity percent. The percentage of trees in the sample measurement that have been affected by the damage occurrence. IE: If a sample measurement has half its trees damaged by a mountain pine beetle (insect), then damage agent type code = 'I', damage species code = 'BM', and severity level percent = '50'.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MUST BE having input format indicated by one and only one DATA COLLECTION METHOD CD

Entity Name:	PRE CONVERSION TREE DMG OCCURRE (cont'd)	<i>Short Name:</i>	PCTD
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- * MUST BE records pre conversion damage for one and only one TREE MEASUREMENT
- * = Relationships in primary unique identifier.

Unique Identifiers:

PCTD	Primary	Y
PRE CONV TREE DAMAGE OCCUR ID		
MUST BE records pre conversion damage for one and only one TREE MEASUREMENT		

Plural: RCL AREA VALIDN CODES

Init. Volume: 5500 *Avg. Volume:* 5750 *Max. Volume:* 6000 *Annual Growth Rate:* 10%

The list of valid combinations of Region, Compartment and Compartment Letter. These identify areal units by which the forest inventory was traditionally summarized. Also included is the mapping to the larger, broadly climatic in nature, Forest Inventory Zone (FIZ). The Region, Compartment and Compartment Letter combination also serves as three of the six compound identifiers of the business key of a sample as used by the Growth and Yield Section, Inventory Branch.

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RCL AREA VALIDN SKEY	NUMERIC 7	N	NUMBER	7
Unique surrogate key identifier for a RCL Area Validation Code entry.				
INV REGION NUM	NUMERIC 2	N	NUMBER	2
An Inventory Branch designated region of BC for numbering samples.				
COMPT NUM	NUMERIC 3	N	NUMBER	3
A geographic subdivision of (Inventory) Region.				
COMPT LTR	TEXT 1	Y	VARCHAR2	1
A subdivision of provincial inventory reference compartments in regions 1, 3, 5, 6, 7, 9, 10, 11, 56.				
FIZ CD	TEXT 1	N	VARCHAR2	1
A geographic area of BC approximating broad climatic regimes. Forest Inventory Zone Code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Each Occurrence Of This Entity:

MAY BE areal unit for one or more GYS SAMPLE

* = Relationships in primary unique identifier.

RCLVC	Primary	Y
RCL AREA VALIDN SKEY		

Entity Name: SAMPLE**Short Name:** GYS S**Plural:** GYS SAMPLE**Init. Volume:** 8000**Avg. Volume:** 40000**Max. Volume:** 80000**Annual Growth Rate:** 15%**Description:**

A SAMPLE is a cluster of physical areas, or plots, used to determine how much of a given characteristic is present in the PLOT.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLE ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
INSTALLATION	NUMERIC 3	Y	NUMBER	3
Installation identification number - must be unique for a sample type within Region, Compartment and Compartment Letter.				
SED 0:8 Installation				
SAMPLE NO	NUMERIC 3	N	NUMBER	3
Sample identification number - must be unique for a sample type within Region, Compartment, Compartment Letter and Installation.				
SED 0:11 Sample No				
UTM ZONE	NUMERIC 2	Y	NUMBER	2
The Universal Trans Mercator Projection (UTM) reference line from which the Easting distance is taken.				
SED 0:23 UTM Grid Coordinates - Zone				
HH Sample:31 sa_uzone				
UTM EASTING	EASTING	Y	NUMBER	6
Latitudinal Co-ordinate of the Universal Trans Mercator Projection (UTM). The co-ordinate that locates a SAMPLE along a latitudinal axis of a UTM map projection.				
SED 0:25 UTM Grid Coordinates - Easting				
HH Sample:33 sa_easting				
UTM NORTHING	NORTHING	Y	NUMBER	7
Longitudinal coordinate of the Universal Trans Mercator Projection (UTM). The co-ordinate that locates the sample along a longitudinal axis of a UTM map projection.				
SED 0:31 UTM Grid Coordinates - Northing				
HH Sample:39 sa_northng				
OBJECTID	SPATIAL OBJECTID	Y	NUMBER	38
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. This attribute maps to the OID column of the original dataset.				
GEOMETRY	SPATIAL GEOMETRY	Y	NUMBER	38
spatial column: coordinates defining the features.				
FEATURE_CLASS_SKEY		N	NUMBER	38,0
Unique identifier for a feature class.				
TIEPOINT UTM EASTING	EASTING	Y	NUMBER	6
The X (easting) geographic coordinate that locates the Tie Point of a sample along a latitudinal axis of a UTM map projection.				
TIEPOINT UTM NORTHING	NORTHING	Y	NUMBER	7
The Y (northing) geographic coordinate that locates the Tie Point of a sample along a longitudinal axis of a UTM map projection.				
STEM MAPPED IND	INDICATOR	Y	VARCHAR2	1
The Stem Mapped Indicator denotes whether the sample has been stem mapped or not. Valid values of stem mapped indicator are (Y)es and (N)o. Y = Yes, the sample has been stem mapped. N = No, the sample has not been stem mapped.				

Entity Name: SAMPLE (cont'd)			Short Name:	GYS S
TREATED STAND PLANTATION YR	YEAR	Y	NUMBER	4
The year that the sample was planted with young trees.				
SED 0:57 Treated Stands - Plantation Year				
HH Sample:58 sa_plnt_yr				
TREATED STAND AGE OF STOCK	NUMERIC 1	Y	NUMBER	1
The age of tree stock (young trees) planted.				
SED 0:59 Treated Stands - Age of Stock				
HH Sample:62 sa_age_stk				
BGC ZONE CODE	TEXT 4	Y	VARCHAR2	4
A code uniquely identifying a Biogeoclimatic Zone of interest to MOF.				
BGC SUBZONE CODE	TEXT 3	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.				
VARIANT	TEXT 1	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 Zone and Subzone.				
PHASE	TEXT 1	Y	VARCHAR2	1
A one character code used to denote an atypical area, resulting from local relief, in the regional climate of the subzones and variants. Phases are not unique. They only have meaning in combination with a specific Zone, Subzone and Variant.				
BEC SITE SERIES CD	TEXT 2	Y	VARCHAR2	2
A number from 01 to 99 representing the soil moisture regime and soil nutrient regime of a site series, relative to other site series within a subzone or variant.				
SITE SERIES PHASE CD	TEXT 3	Y	VARCHAR2	3
A subdivision of a site series used when site or soil properties differ sufficiently to affect management prescriptions.				
ECOSYSTEM SUBPLOT PHASE	TEXT 1	Y	VARCHAR2	1
A forestry code for the subplot phase where different from the sample phase.				
HH Sample:106 sa_subphas				
BGC TRANSITION IND	INDICATOR	Y	VARCHAR2	1
An indicator of whether the plot is within more than one BEC site series. BGC stands for Bio Geo Climatic. Values: Y, N.				
HH Sample:198 sa_bgctran				
SOIL MOIST REGIME DOM	TEXT 1	Y	VARCHAR2	1
Soil Moisture Regime - Dominant. Value = blank or 0 to 8. Only one of the soil moisture attributes 'dominant', 'sub-dominant' or 'range' may be non-blank.				
HH Sample:199 sa_smoistd				
SOIL MOIST REGIME SUB DOM	TEXT 1	Y	VARCHAR2	1
Soil Moisture Regime - Sub-dominant. Value = blank or 0 to 8. Only one of the soil moisture attributes 'dominant', 'sub-dominant' or 'range' may be non-blank.				
HH Sample:200 sa_smoists				
SOIL MOIST REGIME RANGE	TEXT 2	Y	VARCHAR2	2
Soil Moisture Regime - Range. Value = blank or 'mn'. Only one of the soil moisture attributes 'dominant', 'sub-dominant' or 'range' may be non-blank.				
HH Sample:201 sa_smoistr				
SOIL NUTRIENT REGIME SINGLE	TEXT 1	Y	VARCHAR2	1
Soil Nutrient Regime - Single. Value = blank or 'A' to 'E'. Only one of soil nutrient attributes 'single' or 'range' may be non-blank.				
HH Sample:203 sa_nutris				

Entity Name: SAMPLE (cont'd)			Short Name:	GYS S
SOIL NUTRIENT REGIME RANGE	TEXT 2	Y	VARCHAR2	2
Soil Nutrient Regime - Range. Value = blank or 'mn'. Only one of soil nutrient attributes 'single' or 'range' may be non-blank.				
<i>HH Sample:204 sa_snutrir</i>				
SITE SERIES PROPORTION OF PLOT	NUMERIC 3	Y	NUMBER	3
The proportion of the plot area attributed to the dominant site series. This would be 100% unless a second site series exists within the plot.				
<i>HH Sample:210 sa_ss1_pp</i>				
SPECIAL CRUISE NO	NUMERIC 3	Y	NUMBER	3
Code number for a Public Sustained Yield Unit (P.S.Y.U.), Tree Farm Licence (TFL) or other regulated unit.				
<i>SED 1:35 Special Cruise Number</i>				
SPECIAL PROGRAM IND	INDICATOR	Y	VARCHAR2	1
"Y" code for yes if a special program. Alternative values are "N" for no or blank.				
<i>SED 1:42 Special Program Flag</i>				
<i>HH Sample:187 sa_specprg</i>				
REGIONAL PROJECT NO	NUMERIC 3	Y	NUMBER	3
Unique number assigned to each inventory field project by Forest Region. (ie. Vancouver 100-199, Kamloops 200-299, Nelson 300-399, Cariboo 400-499, Prince George 500-599, Prince Rupert 600-699).				
<i>SED 1:43 Regional Project Number</i>				
<i>HH Sample:47 sa_proj_no</i>				
ESTABLISHMENT YR	YEAR	Y	NUMBER	4
The year of sample establishment for a permanent sample plot. This represents the first year in which a particular sample plot area was designated as a permanent sample plot.				
<i>SED 1:68 Establishment Year</i>				
<i>HH Sample:50 sa_estb_yr</i>				
PLOTS IN SAMPLE CNT	NUMERIC 2	Y	NUMBER	2
The number of primary plots that exist in the sample. Primary plots are the largest of all the plots, containing the largest number of trees.				
<i>SED 2:23 No of Plots in Sample</i>				
PER HECTARE FACTOR 1	PER HECTARE FACTOR	Y	NUMBER	6,2
Sample per hectare factor applied to trees tallied in the main plot allows conversion to density per hectare.				
<i>SED 2:42 Per Hectare Factor No 1</i>				
<i>This field could eventually be split into values for a Variable Radius Plot and a Fixed Radius Plot.</i>				
COMPANY SAMPLE ID CROSS REF	COMPANY SAMPLE ID CROSS REF	Y	VARCHAR2	14
Sample identity code assigned to an Industrial sample by the Owner. Can be compared to the Ministry of Sustainable Resource Management's sample ID of region\compt\compt letter\sample number. A unique identity assigned to the sample which may be composed of plot and location codes unique to the industrial owner's samples.				
<i>HH Sample:17 sa_csamp</i>				
TFL	NUMERIC 2	Y	NUMBER	2
Tree Farm Licence number (administrative unit)				
<i>HH Sample:193 sa_tfl</i>				
OPENING NO	NUMERIC 3	Y	NUMBER	3
Refers to the MoF administration number associated with forest harvest and management.. A unique number assigned to each opening in the forest caused by a disturbance (e.g. fire, logging, etc.)				
<i>HH Sample:195 sa_opening</i>				

Entity Name: SAMPLE (cont'd)			Short Name:	GYS S
FREQUENT VALUE ADJ IND	INDICATOR	Y	VARCHAR2	1
Indicates if the record was run through the Frequent Value Adjustment process during/prior to load. Values: Y, N.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:**Each Occurrence Of This Entity:**

MUST BE BCGS map indicated by one and only one BCGS 10K GRID
or MUST BE BCGS map indicated by one and only one BCGS 20K GRID
MAY BE accessed by the description in one or more GYS ACCESS NOTE
MAY BE having biogeoclimatic information indicated one and only one BEC CODE TABLE
MAY BE having site series indicated by one and only one BEC SITE SERIES
MAY BE having data source indicated by one and only one BEC SOURCE CODE
MAY BE owned by one and only one DATA OWNER CODE
MAY BE the basis for the coordinate system of one and only one HORIZONTAL DATUM CODE
MAY BE in district one and only one ORG UNIT
MAY BE the cluster of one or more GYS PLOT
MAY BE position determined by one and only one POSITION METHOD CODE
MUST BE contained in areal unit one and only one RCL AREA VALIDN CODES
MAY BE is commented by one or more GYS SAMPLE COMMENT
MAY BE is discussed by one and only one SAMPLE CONTACT
MAY BE assessed by one or more GYS SAMPLE MEASUREMENT
MAY BE having condition indicated by one and only one SAMPLE STATUS CODE
MUST BE having type indicated by one and only one SAMPLE TYPE CODE
MAY BE sampled using one and only one SAMPLING METHOD CODE
MAY BE within former PSYUs denoted by one and only one SPECIAL CRUISE SUBCODE
MAY BE marked as having a special purpose by one and only one SPECIAL SAMPLE CODE
MAY BE established according to one and only one STAND ORIGIN CODE
MAY BE within the TSA specified by one and only one TSA NUMBER CODE
MAY BE within the TSA block specified by one and only one TSB NUMBER CODE
MAY BE validated at the level indicated by one and only one VALIDATION LEVEL CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS S	Primary	Y
SAMPLE ID		

Notes:

Information sent from Richard Bott to Bev Denslow on 2005-01-31 regarding the Handheld validation of Map Number (SA_MAP_NO):

"May be blank. If not blank, the leftmost 3 characters must be 82 (or 082), 92 (or 092), 93 (or 093), 94 (or 094), 102, 103, 104 or 114; the next character (the 4th) must be from A to P (upper case); and the last 4 characters (5th thru 8th) must be numeric and non-zero. Either a 7 or 8 character value may be entered. If only a 7 character field is entered - 999A999, the 3 digit map number is still validated for being non-zero. Being a character field, it is left-justified so a 3 digit map number should have a space entered as the 8th character in the whole field."

Entity Name: SAMPLE COMMENT			<i>Short Name:</i>	GYSSCMT
<i>Plural:</i>	GYS SAMPLE COMMENT			
<i>Init. Volume:</i>	5	<i>Avg. Volume:</i>	10	<i>Max. Volume:</i> 50
			<i>Annual Growth Rate:</i>	1%

Description:

A comment or a series of comments will be provided for a sample after each sample measurement.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLE COMMENT ID		N	NUMBER	10
A unique identifier for the contact.				
SAMPLE COMMENT	COMMENTS	N	VARCHAR2	2000
Comment on the sample of the sample measurement				
COMMENT DATE	AUDIT DATE	N	DATE	
Date/time the comment was recorded.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE comment for one and only one SAMPLE
- * = Relationships in primary unique identifier.

Unique Identifiers:

GYSSCMT	<i>Primary</i>	Y
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MUST BE comment for one and only one SAMPLE

SAMPLE COMMENT ID

Entity Name: SAMPLE CONTACT				<i>Short Name:</i>	GYSSC
<i>Plural:</i>	GYS SAMPLE CONTACT				
<i>Init. Volume:</i>	5	<i>Avg. Volume:</i>	10	<i>Max. Volume:</i>	50
				<i>Annual Growth Rate:</i>	1%

Description:

An individual that can be contacted to get additional information about Samples. Current contacts include Minstry staff only at this time. Individual consultants maybe added in the future.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLE CONTACT ID		N	NUMBER	10
A unique identifier for the contact.				
FIRST NAME		N	VARCHAR2	30
The first name of the contact.				
LAST NAME		N	VARCHAR2	60
The last name of the contact.				
EMAIL		N	VARCHAR2	128
The email address of the contact.				
PHONE NUMBER		N	VARCHAR2	10
The phone number of the contact.				
PHONE EXTENSION		Y	VARCHAR2	5
The phone number extension of the contact.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE contact for one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYSSCT	Primary	Y
SAMPLE CONTACT ID		

Entity Name: SAMPLE MEAS DAMAGE OCCUR**Short Name:** GYS SDO**Plural:** GYS SAMPLE MEAS DAMAGE OCCUR**Init. Volume:** 80000**Avg. Volume:** 400000**Max. Volume:** 800000**Annual Growth Rate:** 15%**Description:**

Is an occurrence of damage to the sample measurement area. The damage is further identified by the damage agent species, damage agent type code and the severity level percent.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SAMPLE MEAS DAMAGE OCCUR ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
DAMAGE ORDER	NUMERIC ORDER	N	NUMBER	3
The order in which the sample damage is reported for a sample measurement. Where order 1 would represent the primary sample damage and 2 would represent the secondary damage for any sample measurement.				
YEAR	YEAR	Y	NUMBER	4
Damage Agent year is the year in which the disturbance to the stand attributable to the damage agent type occurred .				
SEVERITY PERCENT	NUMERIC 3	N	NUMBER	3
Severity percent. The percentage of trees in the sample measurement that have been affected by the damage occurrence. IE: If a sample measurement has half its trees damaged by a mountain pine beetle (insect), then damage agent type code = 'I', damage species code = 'BM', and severity level percent = '50'.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who last updated the record.				

* = Attributes in primary unique identifier.

Relationships:**Each Occurrence Of This Entity:**

MUST BE having type of damage agent indicated by one and only one DAMAGE AGENT TYPE CODE

MUST BE records damage for one and only one SAMPLE MEASUREMENT

* = Relationships in primary unique identifier.

Entity Name: SAMPLE MEASUREMENT

Short Name: GYS SM

Plural: GYS SAMPLE MEASUREMENT

Init. Volume: 80000

Avg. Volume: 400000

Max. Volume: 800000

Annual Growth Rate: 15%

Description:

A SAMPLE MEASUREMENT is an assessment of attributes within a given SAMPLE.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLE MEASUREMENT ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
MEAS NO	NUMERIC 3	N	NUMBER	3
Zero denotes the first measurement, one the first remeasurement, etc.				
<i>SED 0:15 Measurement No</i>				
<i>HH Sp_Meas:17 sm_meas_no</i>				
<i>The SED measurement number comes in as either 1-9, or as an alphabetic character representing measurement numbers greater than 9, for example, A=10, B=11.</i>				
<i>The SED alphabetic measurement numbers should be converted to their numeric equivalents.</i>				
MEAS DATE	DATE	N	DATE	
The date on which the sample measurement was created.				
<i>SED 1:23 Measurement Date</i>				
<i>HH Sp_Meas:19 sm_date</i>				
AGE HT MIDPOINT	TEXT 1	Y	VARCHAR2	1
An 'M' indicates that mean sample age and height are based on class midpoints. 'M' is valid for sample type 'S' before 1980 only.				
<i>SED 1:66 Age/Height Midpoint</i>				
AIR PHOTO FLIGHT NO	AIR PHOTO FLIGHT NO	Y	VARCHAR2	5
Flight number for aerial photograph.				
<i>SED 1:58 Air Photo Number - Flight Number</i>				
<i>HH Sample:79 sa_flt_no</i>				
AIR PHOTO NO	NUMERIC 3	Y	NUMBER	3
Photo number for aerial photograph.				
<i>SED 1:63 Air Photo Number - Photo Number</i>				
<i>HH Sample:84 sa_photono</i>				
CONTRACTOR NAME		Y	VARCHAR2	10
Name of contractor who measured the sample.				
<i>HH Sp_Meas:51 sm_cntrctr</i>				
CREW MEMBER 1		Y	VARCHAR2	25
Name of the lead crew member who worked for the contractor in measuring the sample.				
<i>HH Sp_Meas:61 sm_fcrew1</i>				
CREW MEMBER 2		Y	VARCHAR2	25
Name of a second crew member who worked for the contractor in measuring the sample.				
<i>HH Sp_Meas:86 sm_fcrew2</i>				
DBH CONVERTED IND	INDICATOR	Y	VARCHAR2	1
A 'C' indicates that diameters at 1.37 meters (4.5 ft) were converted to diameter at 1.3 meters using Damerschalks formula. A blank means that diameters were not converted.				
<i>SED 1:67 DBH Converted?</i>				
DIAM CLASS VER NO	NUMERIC 2	Y	NUMBER	2
The version number that corresponds to the assigned diameter class limit range.				
<i>SED 8:77 Diameter Class Version Number</i>				
GROWING SEASON YR	YEAR	Y	NUMBER	4

Entity Name: SAMPLE MEASUREMENT (cont'd)		Short Name:	GYS SM
<p>The Growing Season Year during which the sample measurement took place. If measurement date is Jan 1st through June 30th then growing season year = measurement year -1. If measurement date is July 1st through Dec 31st then growing season year = measurement year.</p> <p><i>SED 1:72 Growing Season Year</i></p>			
SAMPLE BREAK POINT IND	INDICATOR	Y VARCHAR2	1
<p>The break point indicator defines the value recorded in Break Point as being either a diameter break point or height tag limit break point. Values: H(eight), D(iameter)</p>			
SAMPLE BREAK POINT	NUMERIC 4,1	Y NUMBER	4,1
<p>The break point for a sample measurement. The sample break point attribute from handheld format records the value of a diameter break point (in cm) or height tag limit break point (in metres). SAMPLE_BREAK_POINT_IND identifies the break point as either a diameter or height break point. From Standard Edit Data (SEDATA) format the Diameter Break Point is the minimum diameter for trees within the sample which were to be measured in the main plot(s). The Height Tag Limit is the break point for measurement of small trees. Small trees above the height limit were to be tagged and measured. Break point values from SEDATA format are converted to create SAMPLE_BREAK_POINT and SAMPLE_BREAK_POINT_IND at load to Oracle.</p>			
IN OUT OF PROV IND	INDICATOR	Y VARCHAR2	1
<p>Code for indicating whether plot is from within Province (=blank); out of Province, Canada (=N for National); or Out of Province, International (=I for International).</p> <p><i>SED 3:71 In/Out of Province</i></p>			
LAYER CNT	NUMERIC 1	Y NUMBER	1
<p>Number of stand layers present, may be 1 or 2 only. Each layer or component must have a corresponding card type 3 "layer" description.</p> <p><i>SED 1:32 No of Layers</i></p>			
PHOTO 70 MM IND	INDICATOR	Y VARCHAR2	1
<p>Indicates whether sample has 70 mm photography or not, a code of 1 = yes, blank = no.</p> <p><i>SED 1:70 70mm?</i> <i>HH Sample:87 sa_photo70</i></p>			
PHOTO GRID X COORD	NUMERIC 3	Y NUMBER	3
<p>Plot centre horizontal coordinate grid for large (70mm) scale photography</p> <p><i>SED 0:38 Photo Grid Coordinates - X</i> <i>HH Sample:88 sa_photo_x</i></p>			
PHOTO GRID Y COORD	NUMERIC 3	Y NUMBER	3
<p>Plot centre vertical coordinate grid for large scale (70mm) photography</p> <p><i>SED 0:41 Photo Grid Coordinates - Y</i> <i>HH Sample:91 sa_photo_y</i></p>			
POLYGON NO	NUMERIC 4	Y NUMBER	4
<p>Unique reference number for forest cover or vegetation polygon on a digital BC Geographic System (BCGS) map sheet.</p> <p><i>SED 1:54 Polygon Number</i> <i>HH Sample:75 sa_poly_no</i></p>			
SAMPLE MIN DBH	NUMERIC 3,1	Y NUMBER	3,1
<p>Sample minimum diameter. Indicates the minimum DBH (diameter at breast height) for trees are to be included for compilation of volume and other calculations.</p> <p><i>SED 2:26 Sample Minimum DBH</i></p>			
SPECIAL SITE HT	NUMERIC 4,1	Y NUMBER	4,1
<p>Site class code used when age and height of stand do not reflect site productivity.</p> <p><i>HH Sample:63 sa_act_ht</i></p>			
STEMS PER HA	NUMERIC 5	Y NUMBER	5
<p>Stems per hectare. The number of tree stems per hectare.</p>			

Entity Name: SAMPLE MEASUREMENT (cont'd)			Short Name:	GYS SM
<i>HH Sp_Meas:126 sm_stem_ha</i>				
REMARKS		Y	VARCHAR2	100
Remarks relevant to the collection of sample data at a particular measurement.				
<i>HH Sp_Meas:131 sm_memo</i>				
SIBEC MEASUREMENT IND	INDICATOR	Y	VARCHAR2	1
Indicates whether a Site Index-Biogeoclimatic Ecological Classification (SIBEC) measurement was done; (Y)es or (N)o.				
SELECTIVELY LOGGED IND	INDICATOR	Y	VARCHAR2	1
Indicates selective logging of the sample. Values 'S' or blank.				
<i>SED 1:71 Sel Logged</i>				
<i>HH Sample:54 sa_slctlog</i>				
DIAM MEASURED AT 13M IND	INDICATOR	Y	VARCHAR2	1
Indicates that diameters for trees above diameter break point were measured at a height of 1.3 metres (metric breast height) on the tree. Values: Y, N.				
<i>HH Sample:24 sa_d13</i>				
DIAM MEASURED AT 137M IND	INDICATOR	Y	VARCHAR2	1
Indicates that diameters for trees above diameter break point were measured at a height of 1.37 metres (Imperial breast height) on the tree. Values: Y, N.				
<i>HH Sample:25 sa_d137</i>				
DISTANCE TO DISTURBANCE	NUMERIC 5,1	Y	NUMBER	5,1
Distance in meters from PSP boundary to disturbance.				
RULE PASS IND	INDICATOR	Y	VARCHAR2	1
An indicator to reflect a sample measurement meets all the business rules defined for a sample measurement. These rules are currently deifned to be pass 0, pass 1 and pass 2 business rules. So if this indicator is Y the sample measurement meets all the pass 0,1,2 business rules.				
AUDIT IND	INDICATOR	Y	VARCHAR2	1
An indicator to reflect the businss area has reviewed this sample measurement and deems this sample measurement to be usable by the larger business area . A sample measurement maybe audited but may not pass all the business rules indicated by the RULE PASS IND field. This can occur as the sample mesaurement cannnot be adjusted any further due to limited knowledge of the sample mesaurement orgin or limitations to the data format that collected the sample measurement.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE having owner indicated by one and only one AGENCY TYPE CODE

MUST BE having input format indicated by one and only one DATA COLLECTION METHOD CD

MAY BE the producer of one or more GYS DEAD TREE TALLY

MAY BE the producer of one or more GYS IMPERIAL DBH CLASS COUNT

MAY BE an evaluation of one or more GYS LAYER

MAY BE having primary layer indicated by one and only one LAYER CODE

MAY BE the producer of one or more GYS METRIC DBH CLASS COUNT

Entity Name:	SAMPLE MEASUREMENT (cont'd)	<i>Short Name:</i>	GYS SM
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MAY BE in district one and only one ORG UNIT

MUST BE an assessment of one and only one SAMPLE

MAY BE records damage one or more GYS SAMPLE MEAS DAMAGE OCCUR

MAY BE treated by one or more GYS SILVCUTRL TREATMENT

MAY BE having spacing factor type indicated by one and only one SPACING FACTOR TYPE CODE

MAY BE having extent of damage indicated by one and only one STAND HIST DISTURBANCE CD

MAY BE having stand type indicated by one and only one STAND STRUCTURE CODE

MAY BE an evaluation of one and only one SUBPLOT

MAY BE the producer of one or more GYS TREE MEASUREMENT

** = Relationships in primary unique identifier.*

Unique Identifiers:

GYS SM	Primary	Y
SAMPLE MEASUREMENT ID		

Entity Name: SAMPLE STATUS CODE			<i>Short Name:</i>	GYS SSC
<i>Plural:</i>	GYS SAMPLE STATUS CODE			
<i>Init. Volume:</i>	5	<i>Avg. Volume:</i>	7	<i>Max. Volume:</i> 10
			<i>Annual Growth Rate:</i>	40%

Description:

A SAMPLE STATUS CODE is a code indicating the condition of a SAMPLE e.g. A = Active, X = Destroyed.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLE STATUS CODE	CODETABLE CODE	N	VARCHAR2	10
A code indicating the condition of a sample e.g. A = Active, X = Destroyed.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating condition of one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SSC	Primary	Y
SAMPLE STATUS CODE		

Entity Name: SAMPLE TYPE CODE			<i>Short Name:</i>	GYSSTC
<i>Plural:</i>	GYS SAMPLE TYPE CODE			
<i>Init. Volume:</i>	3	<i>Avg. Volume:</i>	5	<i>Max. Volume:</i> 10
			<i>Annual Growth Rate:</i>	50%

Description:

A SAMPLE TYPE CODE is a code indicating the type of SAMPLE e.g. G = Growth Natural, S = Standard Inventory.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLE TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
A code indicating the type of sample e.g. G = Growth Natural, S = Standard Inventory.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE sample type for one or more GYS PACKAGE TRANS CONTENT

MAY BE indicating type of one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS STC	<i>Primary</i>	Y
SAMPLE TYPE CODE		

Entity Name: SAMPLING METHOD CODE			<i>Short Name:</i>	GYS SMC
<i>Plural:</i>	GYS SAMPLING METHOD CODE			
<i>Init. Volume:</i>	2	<i>Avg. Volume:</i>	2	<i>Max. Volume:</i> 5
			<i>Annual Growth Rate:</i>	0%

Description:

A SAMPLING METHOD CODE is a code indicating whether prism or relascop was used for point sampling. Values: P or R.
Valid for sample type 'S' only.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLING METHOD CODE	CODETABLE CODE	N	VARCHAR2	10
A code indicating whether prism or relascop was used for point sampling. Values: P or R. Valid for sample type 'S' only.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE used to sample one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SMC	Primary	Y
SAMPLING METHOD CODE		

Entity Name: SED CARD 0**Short Name:** GYS SC0**Plural:** GYS SED CARD 0**Init. Volume:** 0**Avg. Volume:** 50**Max. Volume:** 100**Annual Growth Rate:** 0%**Description:**

This is a temporary table used to load the following main tables: GYS SAMPLE, GYS SAMPLE MEASUREMENT, GYS LAYER SPECIES ASSESSMENT, GYS PLOT, GYS IMPERIAL DBH CLASS COUNT, GYS METRIC DBH CLASS COUNT, GYS DEAD TREE TALLY, GYS TREE ASSESSMENT

Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 0 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_0				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_0				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_0				
REGION		Y	NUMBER	38
Retrofitted from column REGION of table GRY_SED_CARD_0				
COMPT		Y	NUMBER	38
Retrofitted from column COMPT of table GRY_SED_CARD_0				
COMPT_LTR		Y	VARCHAR2	1
Retrofitted from column COMPT_LTR of table GRY_SED_CARD_0				
INSTALLTN		Y	NUMBER	38
Retrofitted from column INSTALLTN of table GRY_SED_CARD_0				
SAMP_NO		Y	NUMBER	38
Retrofitted from column SAMP_NO of table GRY_SED_CARD_0				
SAMP_TYPE		Y	VARCHAR2	1
Retrofitted from column SAMP_TYPE of table GRY_SED_CARD_0				
MEAS_NO		Y	VARCHAR2	1
Retrofitted from column MEAS_NO of table GRY_SED_CARD_0				
UTM_ZONE		Y	NUMBER	38
Retrofitted from column UTM_ZONE of table GRY_SED_CARD_0				
UTM_EASTING		Y	NUMBER	38
Retrofitted from column UTM_EASTING of table GRY_SED_CARD_0				
UTM_NORTHING		Y	NUMBER	38
Retrofitted from column UTM_NORTHING of table GRY_SED_CARD_0				
PHOTO_GRID_X_COORD		Y	NUMBER	38
Retrofitted from column PHOTO_GRID_X_COORD of table GRY_SED_CARD_0				
PHOTO_GRID_Y_COORD		Y	NUMBER	38
Retrofitted from column PHOTO_GRID_Y_COORD of table GRY_SED_CARD_0				
SAMP_ELEVATION		Y	NUMBER	38
Retrofitted from column SAMP_ELEVATION of table GRY_SED_CARD_0				
SAMP_ASPECT		Y	NUMBER	38
Retrofitted from column SAMP_ASPECT of table GRY_SED_CARD_0				
SAMP_SLOPE		Y	NUMBER	38
Retrofitted from column SAMP_SLOPE of table GRY_SED_CARD_0				
STEM_MAPPED_IND		Y	VARCHAR2	1
Retrofitted from column STEM_MAPPED_IND of table GRY_SED_CARD_0				
STAND_ORIGIN		Y	VARCHAR2	1
Retrofitted from column STAND_ORIGIN of table GRY_SED_CARD_0				

Entity Name: SED CARD 0 (cont'd)		Short Name:	GYS SC0
SAMP_STATUS	Y VARCHAR2	1	
Retrofitted from column SAMP_STATUS of table GRY_SED_CARD_0			
TREATED_STAND_PLANTATION_YR	Y NUMBER	38	
Retrofitted from column TREATED_STAND_PLANTATION_YR of table GRY_SED_CARD_0			
TREATED_STAND_AGE_OF_STOCK	Y NUMBER	38	
Retrofitted from column TREATED_STAND_AGE_OF_STOCK of table GRY_SED_CARD_0			
TREATED_STAND_THINNING	Y VARCHAR2	1	
Retrofitted from column TREATED_STAND_THINNING of table GRY_SED_CARD_0			
TREATED_STAND_FERTILIZING	Y VARCHAR2	1	
Retrofitted from column TREATED_STAND_FERTILIZING of table GRY_SED_CARD_0			
TREATED_STAND_PRUNING	Y VARCHAR2	1	
Retrofitted from column TREATED_STAND_PRUNING of table GRY_SED_CARD_0			
TREATED_STAND_OTHER_TREATMENT	Y VARCHAR2	1	
Retrofitted from column TREATED_STAND_OTHER_TREATMENT of table GRY_SED_CARD_0			
ECOSYSTEM_ZONE	Y VARCHAR2	4	
Retrofitted from column ECOSYSTEM_ZONE of table GRY_SED_CARD_0			
ECOSYSTEM_SUBZONE	Y VARCHAR2	3	
Retrofitted from column ECOSYSTEM_SUBZONE of table GRY_SED_CARD_0			
ECOSYSTEM_VARIANT	Y VARCHAR2	1	
Retrofitted from column ECOSYSTEM_VARIANT of table GRY_SED_CARD_0			
ECOSYSTEM_PHASE	Y VARCHAR2	1	
Retrofitted from column ECOSYSTEM_PHASE of table GRY_SED_CARD_0			
ECOSYSTEM_BEC_SOURCE	Y VARCHAR2	1	
Retrofitted from column ECOSYSTEM_BEC_SOURCE of table GRY_SED_CARD_0			
NAD_YEAR	Y NUMBER	38	
Retrofitted from column NAD_YEAR of table GRY_SED_CARD_0			
SITE_SERIES_1	Y NUMBER	2	
Retrofitted from column SITE_SERIES_1 of table GRY_SED_CARD_0			
SITE_SERIES_1_PHASE	Y VARCHAR2	1	
Retrofitted from column SITE_SERIES_1_PHASE of table GRY_SED_CARD_0			
* = Attributes in primary unique identifier.			

Unique Identifiers:

GYS SC0	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: SED CARD 1**Short Name:** GSC**Plural:** GYS SED CARD 1**Init. Volume:** 0**Avg. Volume:****Max. Volume:** 100**Annual Growth Rate:****Description:**

This is a temporary table used to load the following main tables: GYS SAMPLE, GYS SAMPLE MEASUREMENT
Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 1 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_1				
* LINE_NUMBER		N	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_1				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_1				
DATA_OWNER		Y	VARCHAR2	3
Retrofitted from column DATA_OWNER of table GRY_SED_CARD_1				
REGIONAL_PROJECT_NO		Y	NUMBER	38
Retrofitted from column REGIONAL_PROJECT_NO of table GRY_SED_CARD_1				
MEAS_DATE		Y	DATE	
Retrofitted from column MEAS_DATE of table GRY_SED_CARD_1				
SPECIAL_SAMPLE_CODE		Y	VARCHAR2	1
Retrofitted from column SPECIAL_SAMPLE_CODE of table GRY_SED_CARD_1				
AGENCY_IND		Y	VARCHAR2	1
Retrofitted from column AGENCY_IND of table GRY_SED_CARD_1				
STAND_STRUCTURE_CODE		Y	NUMBER	38
Retrofitted from column STAND_STRUCTURE_CODE of table GRY_SED_CARD_1				
LAYER_CNT		Y	NUMBER	38
Retrofitted from column LAYER_CNT of table GRY_SED_CARD_1				
PRIMARY_LAYER		Y	NUMBER	38
Retrofitted from column PRIMARY_LAYER of table GRY_SED_CARD_1				
FIZ		Y	VARCHAR2	1
Retrofitted from column FIZ of table GRY_SED_CARD_1				
SPECIAL_CRUISE_NO		Y	NUMBER	38
Retrofitted from column SPECIAL_CRUISE_NO of table GRY_SED_CARD_1				
SPECIAL_CRUISE_SUBCODE		Y	NUMBER	38
Retrofitted from column SPECIAL_CRUISE_SUBCODE of table GRY_SED_CARD_1				
TSA		Y	NUMBER	38
Retrofitted from column TSA of table GRY_SED_CARD_1				
TSA_BLOCK		Y	VARCHAR2	1
Retrofitted from column TSA_BLOCK of table GRY_SED_CARD_1				
SPECIAL_PROGRAM_IND		Y	VARCHAR2	1
Retrofitted from column SPECIAL_PROGRAM_IND of table GRY_SED_CARD_1				
BCGS_MAP_NO		Y	VARCHAR2	8
Retrofitted from column BCGS_MAP_NO of table GRY_SED_CARD_1				
POLYGON_NO		Y	NUMBER	38
Retrofitted from column POLYGON_NO of table GRY_SED_CARD_1				
AIR_PHOTO_FLIGHT_NO		Y	VARCHAR2	8
Retrofitted from column AIR_PHOTO_FLIGHT_NO of table GRY_SED_CARD_1				
AIR_PHOTO_NO		Y	VARCHAR2	8

Entity Name:	SED CARD 1 (cont'd)	Short Name:	GSC
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Retrofitted from column AIR_PHOTO_NO of table GRY_SED_CARD_1		
AGE_HT_MIDPOINT	Y VARCHAR2	1
Retrofitted from column AGE_HT_MIDPOINT of table GRY_SED_CARD_1		
DBH_CONVERTED_IND	Y VARCHAR2	1
Retrofitted from column DBH_CONVERTED_IND of table GRY_SED_CARD_1		
ESTABLISHMENT_YR	Y NUMBER	38
Retrofitted from column ESTABLISHMENT_YR of table GRY_SED_CARD_1		
PHOTO_70_MM_IND	Y NUMBER	38
Retrofitted from column PHOTO_70_MM_IND of table GRY_SED_CARD_1		
SELECTIVELY_LOGGED_IND	Y VARCHAR2	1
Retrofitted from column SELECTIVELY_LOGGED_IND of table GRY_SED_CARD_1		
GROWING_SEASON_YR	Y NUMBER	38
Retrofitted from column GROWING_SEASON_YR of table GRY_SED_CARD_1		

* = Attributes in primary unique identifier.

Unique Identifiers:

GYS_SC1_PK	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: SED CARD 2**Short Name:** GYS SC2**Plural:** GYS SED CARD 2**Init. Volume:** 0**Avg. Volume:** 50**Max. Volume:** 100**Annual Growth Rate:** 0%**Description:**

This is a temporary table used to load the following main tables: GYS SAMPLE, GYS SAMPLE MEASUREMENT, GYS PLOT

Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 2 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_2				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_2				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_2				
PLOTS_IN_SAMPLE_CNT		Y	NUMBER	38
Retrofitted from column PLOTS_IN_SAMPLE_CNT of table GRY_SED_CARD_2				
SAMPLING_METHOD		Y	VARCHAR2	1
Retrofitted from column SAMPLING_METHOD of table GRY_SED_CARD_2				
SAMP_MIN_DBH		Y	NUMBER	3,1
Retrofitted from column SAMP_MIN_DBH of table GRY_SED_CARD_2				
BASAL_AREA_FACTOR_1		Y	NUMBER	5,3
Retrofitted from column BASAL_AREA_FACTOR_1 of table GRY_SED_CARD_2				
MAIN_PLOT_RADIUS		Y	NUMBER	4,2
Retrofitted from column MAIN_PLOT_RADIUS of table GRY_SED_CARD_2				
MAIN_PLOT_AREA		Y	NUMBER	3,3
Retrofitted from column MAIN_PLOT_AREA of table GRY_SED_CARD_2				
PER_HECTARE_FACTOR_1		Y	NUMBER	6,2
Retrofitted from column PER_HECTARE_FACTOR_1 of table GRY_SED_CARD_2				
DIAM_BREAK_PT		Y	NUMBER	3,1
Retrofitted from column DIAM_BREAK_PT of table GRY_SED_CARD_2				
BASAL_AREA_FACTOR_2		Y	NUMBER	5,3
Retrofitted from column BASAL_AREA_FACTOR_2 of table GRY_SED_CARD_2				
SECOND_PLOT_RADIUS		Y	NUMBER	4,2
Retrofitted from column SECOND_PLOT_RADIUS of table GRY_SED_CARD_2				
SECOND_PLOT_AREA		Y	NUMBER	4,4
Retrofitted from column SECOND_PLOT_AREA of table GRY_SED_CARD_2				
PER_HECTARE_FACTOR_2		Y	NUMBER	6,2
Retrofitted from column PER_HECTARE_FACTOR_2 of table GRY_SED_CARD_2				
THIRD_PLOT_RADIUS		Y	NUMBER	3,2
Retrofitted from column THIRD_PLOT_RADIUS of table GRY_SED_CARD_2				
HT_TAG_LIMIT		Y	NUMBER	2,1
Retrofitted from column HT_TAG_LIMIT of table GRY_SED_CARD_2				
SAMP_SLOPE_POSN		Y	VARCHAR2	1
Retrofitted from column SAMP_SLOPE_POSN of table GRY_SED_CARD_2				
SPACING_FACTOR_TYPE		Y	VARCHAR2	1
Retrofitted from column SPACING_FACTOR_TYPE of table GRY_SED_CARD_2				

* = Attributes in primary unique identifier.

Unique Identifiers:

GYS SC2

Primary Y

LINE_NUMBER

Entity Name: SED CARD 3**Short Name:** GYS SC3**Plural:** GYS SED CARD 3**Init. Volume:** 0**Avg. Volume:** 50**Max. Volume:** 100**Annual Growth Rate:** 0%**Description:**

This is a temporary table used to load the following main tables: GYS SAMPLE MEASUREMENT, GYS LAYER SPECIES ASSESSMENT

Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 3 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_3				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_3				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_3				
LAYER		Y	VARCHAR2	1
Retrofitted from column LAYER of table GRY_SED_CARD_3				
LAYER_STRUCTURE		Y	VARCHAR2	1
Retrofitted from column LAYER_STRUCTURE of table GRY_SED_CARD_3				
LEADING_SPC		Y	VARCHAR2	2
Retrofitted from column LEADING_SPC of table GRY_SED_CARD_3				
LEADING_SPC_PCT		Y	NUMBER	38
Retrofitted from column LEADING_SPC_PCT of table GRY_SED_CARD_3				
SECOND_SPC		Y	VARCHAR2	2
Retrofitted from column SECOND_SPC of table GRY_SED_CARD_3				
CROWN_CLOSURE_GROUND_PCT		Y	NUMBER	38
Retrofitted from column CROWN_CLOSURE_GROUND_PCT of table GRY_SED_CARD_3				
CROWN_CLOSURE_AIR_PCT		Y	NUMBER	38
Retrofitted from column CROWN_CLOSURE_AIR_PCT of table GRY_SED_CARD_3				
SECOND_SPC_PCT		Y	NUMBER	38
Retrofitted from column SECOND_SPC_PCT of table GRY_SED_CARD_3				
LEADING_SPC_MEAN_TOTAL_AGE		Y	NUMBER	38
Retrofitted from column LEADING_SPC_MEAN_TOTAL_AGE of table GRY_SED_CARD_3				
AGE_RANGE_MIN		Y	NUMBER	38
Retrofitted from column AGE_RANGE_MIN of table GRY_SED_CARD_3				
AGE_RANGE_MAX		Y	NUMBER	38
Retrofitted from column AGE_RANGE_MAX of table GRY_SED_CARD_3				
LEADING_SPC_MEAN_HT		Y	NUMBER	3,1
Retrofitted from column LEADING_SPC_MEAN_HT of table GRY_SED_CARD_3				
DENSITY_FIELD_EST		Y	NUMBER	38
Retrofitted from column DENSITY_FIELD_EST of table GRY_SED_CARD_3				
STAND_HIST_COMP_DISTURB_TYPE		Y	VARCHAR2	2
Retrofitted from column STAND_HIST_COMP_DISTURB_TYPE of table GRY_SED_CARD_3				
STAND_HIST_COMP_DISTURB_YR		Y	NUMBER	38
Retrofitted from column STAND_HIST_COMP_DISTURB_YR of table GRY_SED_CARD_3				
STAND_HIST_PART_DISTURB_TYPE		Y	VARCHAR2	2

Entity Name:	SED CARD 3 (cont'd)	Short Name:	GYS SC3
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Retrofitted from column STAND_HIST_PART_DISTURB_TYPE of table GRY_SED_CARD_3			
STAND_HIST_PART_DISTURB_SPC	Y	VARCHAR2	2
Retrofitted from column STAND_HIST_PART_DISTURB_SPC of table GRY_SED_CARD_3			
STAND_HIST_PART_DISTURB_YR	Y	NUMBER	38
Retrofitted from column STAND_HIST_PART_DISTURB_YR of table GRY_SED_CARD_3			
STAND_HIST_PART_DISTURB_DEGREE	Y	VARCHAR2	1
Retrofitted from column STAND_HIST_PART_DISTURB_DEGREE of table GRY_SED_CARD_3			
SPECIAL_SITE	Y	VARCHAR2	1
Retrofitted from column SPECIAL_SITE of table GRY_SED_CARD_3			
LEADING_SPC_MEAN_BREAST_HT_AGE	Y	NUMBER	38
Retrofitted from column LEADING_SPC_MEAN_BREAST_HT_AGE of table GRY_SED_CARD_3			
IN_OUT_OF_PROV_IND	Y	VARCHAR2	1
Retrofitted from column IN_OUT_OF_PROV_IND of table GRY_SED_CARD_3			
AGENCY_TYPE	Y	VARCHAR2	1
Retrofitted from column AGENCY_TYPE of table GRY_SED_CARD_3			
LEADING_SPC_TOP_HT_CURVE	Y	NUMBER	3,1
Retrofitted from column LEADING_SPC_TOP_HT_CURVE of table GRY_SED_CARD_3			
LEADING_SPC_SITE_INDEX_BHA_50	Y	NUMBER	3,1
Retrofitted from column LEADING_SPC_SITE_INDEX_BHA_50 of table GRY_SED_CARD_3			

* = Attributes in primary unique identifier.

Unique Identifiers:

GYS SC3	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: SED CARD 4**Short Name:** GYS SC4**Plural:** GYS SED CARD 4**Init. Volume:** 0**Avg. Volume:** 50**Max. Volume:** 100**Annual Growth Rate:** 0%**Description:**

This is a temporary table used to load the following main tables: GYS SAMPLE MEASUREMENT, GYS LAYER SPECIES ASSESSMENT, GYS TREE, GYS TREE ASSESSMENT

Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 4 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_4				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_4				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_4				
ROTTEN_BRANCH		Y	NUMBER	38
Retrofitted from column ROTTEN_BRANCH of table GRY_SED_CARD_4				
COMPILATION_LAYER		Y	VARCHAR2	1
Retrofitted from column COMPILATION_LAYER of table GRY_SED_CARD_4				
TREE_SPC		Y	VARCHAR2	2
Retrofitted from column TREE_SPC of table GRY_SED_CARD_4				
DIAM_AT_13M		Y	NUMBER	4,1
Retrofitted from column DIAM_AT_13M of table GRY_SED_CARD_4				
HT_FOR_VOLUME_CALCS		Y	NUMBER	3,1
Retrofitted from column HT_FOR_VOLUME_CALCS of table GRY_SED_CARD_4				
HT_SOURCE		Y	VARCHAR2	1
Retrofitted from column HT_SOURCE of table GRY_SED_CARD_4				
LAYER		Y	VARCHAR2	1
Retrofitted from column LAYER of table GRY_SED_CARD_4				
CROWN_CLASS		Y	NUMBER	38
Retrofitted from column CROWN_CLASS of table GRY_SED_CARD_4				
TREE_CLASS		Y	NUMBER	38
Retrofitted from column TREE_CLASS of table GRY_SED_CARD_4				
DEAD_STANDING_OR_DOWN		Y	VARCHAR2	1
Retrofitted from column DEAD_STANDING_OR_DOWN of table GRY_SED_CARD_4				
CONK		Y	NUMBER	38
Retrofitted from column CONK of table GRY_SED_CARD_4				
BLIND_CONK		Y	NUMBER	38
Retrofitted from column BLIND_CONK of table GRY_SED_CARD_4				
SCAR		Y	NUMBER	38
Retrofitted from column SCAR of table GRY_SED_CARD_4				
FORK_OR_CROOK		Y	NUMBER	38
Retrofitted from column FORK_OR_CROOK of table GRY_SED_CARD_4				
FROST_CRACK		Y	NUMBER	38
Retrofitted from column FROST_CRACK of table GRY_SED_CARD_4				
MISTLETOE		Y	NUMBER	38
Retrofitted from column MISTLETOE of table GRY_SED_CARD_4				
DEAD_OR_BROKEN_TOP		Y	NUMBER	38
Retrofitted from column DEAD_OR_BROKEN_TOP of table GRY_SED_CARD_4				

Entity Name: SED CARD 4 (cont'd)			Short Name:	GYS SC4
SITE_SECTOR_NO	Y	VARCHAR2	1	
Retrofitted from column SITE_SECTOR_NO of table GRY_SED_CARD_4				
SPIRAL_GRAIN	Y	NUMBER	38	
Retrofitted from column SPIRAL_GRAIN of table GRY_SED_CARD_4				
SWEEP	Y	NUMBER	38	
Retrofitted from column SWEEP of table GRY_SED_CARD_4				
LEAN	Y	NUMBER	38	
Retrofitted from column LEAN of table GRY_SED_CARD_4				
FIRST_LIVE_LIMB	Y	NUMBER	38	
Retrofitted from column FIRST_LIVE_LIMB of table GRY_SED_CARD_4				
FIRST_STUB	Y	NUMBER	38	
Retrofitted from column FIRST_STUB of table GRY_SED_CARD_4				
KNOTS_AT_FIRST_5M	Y	NUMBER	38	
Retrofitted from column KNOTS_AT_FIRST_5M of table GRY_SED_CARD_4				
KNOTS_AT_SECOND_5M	Y	NUMBER	38	
Retrofitted from column KNOTS_AT_SECOND_5M of table GRY_SED_CARD_4				
SUB_PLOT_TREE_IND	Y	VARCHAR2	1	
Retrofitted from column SUB_PLOT_TREE_IND of table GRY_SED_CARD_4				
DIAM_AT_137M	Y	NUMBER	4,1	
Retrofitted from column DIAM_AT_137M of table GRY_SED_CARD_4				
DAMAGE_AGENT_TYPE	Y	VARCHAR2	3	
Retrofitted from column DAMAGE_AGENT_TYPE of table GRY_SED_CARD_4				
DAMAGE_AGENT_SEVERITY	Y	VARCHAR2	1	
Retrofitted from column DAMAGE_AGENT_SEVERITY of table GRY_SED_CARD_4				
PLOT_NO	Y	NUMBER	38	
Retrofitted from column PLOT_NO of table GRY_SED_CARD_4				
TREE_NO	Y	NUMBER	38	
Retrofitted from column TREE_NO of table GRY_SED_CARD_4				
LIVE_CROWN_PCT	Y	NUMBER	38	
Retrofitted from column LIVE_CROWN_PCT of table GRY_SED_CARD_4				
NATURAL_OR_PLANTED	Y	VARCHAR2	1	
Retrofitted from column NATURAL_OR_PLANTED of table GRY_SED_CARD_4				
NEAR_TREE_NO	Y	NUMBER	38	
Retrofitted from column NEAR_TREE_NO of table GRY_SED_CARD_4				
SCAR_PROD_BASE	Y	NUMBER	38	
Retrofitted from column SCAR_PROD_BASE of table GRY_SED_CARD_4				
SCAR_PROD_MID	Y	NUMBER	38	
Retrofitted from column SCAR_PROD_MID of table GRY_SED_CARD_4				
SCAR_PROD_TOP	Y	NUMBER	38	
Retrofitted from column SCAR_PROD_TOP of table GRY_SED_CARD_4				
HT_TO_BREAK	Y	NUMBER	38	
Retrofitted from column HT_TO_BREAK of table GRY_SED_CARD_4				
MISSED_DROPPED_OR_FALLEN_IND	Y	VARCHAR2	1	
Retrofitted from column MISSED_DROPPED_OR_FALLEN_IND of table GRY_SED_CARD_4				
TAGGING_SECTOR_NO	Y	NUMBER	38	
Retrofitted from column TAGGING_SECTOR_NO of table GRY_SED_CARD_4				

* = Attributes in primary unique identifier.

Unique Identifiers:

Entity Name: SED CARD 4 (cont'd)

Short Name: GYS SC4

GYS SC4

Primary Y

STAGING_AREA_ID

LINE_NUMBER

Entity Name: SED CARD 5**Short Name:** GYS SC5**Plural:** GYS SED CARD 5**Init. Volume:** 0**Avg. Volume:** 50**Max. Volume:** 100**Annual Growth Rate:** 0%**Description:**

This is a temporary table used to load the following main tables: GYS TREE, GYS TREE ASSESSMENT
Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 5 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_5				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_5				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_5				
TOTAL_PCT		Y	NUMBER	38
Retrofitted from column TOTAL_PCT of table GRY_SED_CARD_5				
RADIAL_INCREMENT_10_YRS		Y	NUMBER	38
Retrofitted from column RADIAL_INCREMENT_10_YRS of table GRY_SED_CARD_5				
RADIAL_INCREMENT_20_YRS		Y	NUMBER	38
Retrofitted from column RADIAL_INCREMENT_20_YRS of table GRY_SED_CARD_5				
CROWN_CLASS		Y	NUMBER	38
Retrofitted from column CROWN_CLASS of table GRY_SED_CARD_5				
COMPILATION_AGE_IND		Y	VARCHAR2	1
Retrofitted from column COMPILATION_AGE_IND of table GRY_SED_CARD_5				
LAYER		Y	VARCHAR2	1
Retrofitted from column LAYER of table GRY_SED_CARD_5				
TREE_SPC		Y	VARCHAR2	2
Retrofitted from column TREE_SPC of table GRY_SED_CARD_5				
DIAM_AT_13M		Y	NUMBER	4,1
Retrofitted from column DIAM_AT_13M of table GRY_SED_CARD_5				
TREE_CLASS		Y	NUMBER	38
Retrofitted from column TREE_CLASS of table GRY_SED_CARD_5				
PLOT_NO		Y	NUMBER	38
Retrofitted from column PLOT_NO of table GRY_SED_CARD_5				
TREE_NO		Y	NUMBER	38
Retrofitted from column TREE_NO of table GRY_SED_CARD_5				
SUPPRESSION_IND		Y	VARCHAR2	1
Retrofitted from column SUPPRESSION_IND of table GRY_SED_CARD_5				
MEAS_HT		Y	NUMBER	3,1
Retrofitted from column MEAS_HT of table GRY_SED_CARD_5				
HT_OR_DIAM_IND		Y	VARCHAR2	1
Retrofitted from column HT_OR_DIAM_IND of table GRY_SED_CARD_5				
TOP_PCT		Y	NUMBER	38
Retrofitted from column TOP_PCT of table GRY_SED_CARD_5				
BOTTOM_PCT		Y	NUMBER	38
Retrofitted from column BOTTOM_PCT of table GRY_SED_CARD_5				
SLOPE_DIST		Y	NUMBER	3,1
Retrofitted from column SLOPE_DIST of table GRY_SED_CARD_5				
SLOPE_PCT		Y	NUMBER	38

Entity Name:	SED CARD 5 (cont'd)	<i>Short Name:</i>	GYS SC5
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Retrofitted from column SLOPE_PCT of table GRY_SED_CARD_5			
HORIZ_DIST	Y	NUMBER	3,1
Retrofitted from column HORIZ_DIST of table GRY_SED_CARD_5			
UNCORRECTED_HT	Y	NUMBER	3,1
Retrofitted from column UNCORRECTED_HT of table GRY_SED_CARD_5			
HT_CORRECTION	Y	NUMBER	2,1
Retrofitted from column HT_CORRECTION of table GRY_SED_CARD_5			
HT_MEAS_STATUS	Y	VARCHAR2	1
Retrofitted from column HT_MEAS_STATUS of table GRY_SED_CARD_5			
BORING_AGE	Y	NUMBER	38
Retrofitted from column BORING_AGE of table GRY_SED_CARD_5			
BORING_HT	Y	NUMBER	2,1
Retrofitted from column BORING_HT of table GRY_SED_CARD_5			
AGE_CORRECTION	Y	NUMBER	38
Retrofitted from column AGE_CORRECTION of table GRY_SED_CARD_5			
PITH_IND	Y	VARCHAR2	1
Retrofitted from column PITH_IND of table GRY_SED_CARD_5			
TOTAL_AGE	Y	NUMBER	38
Retrofitted from column TOTAL_AGE of table GRY_SED_CARD_5			
OUT_OF_PLOT_IND	Y	NUMBER	38
Retrofitted from column OUT_OF_PLOT_IND of table GRY_SED_CARD_5			

* = Attributes in primary unique identifier.

Unique Identifiers:

GYS SC5	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: SED CARD 6**Short Name:** GYS SC6**Plural:** GYS SED CARD 6**Init. Volume:** 0**Avg. Volume:** 50**Max. Volume:** 100**Annual Growth Rate:** 0%**Description:**

This is a temporary table used to load the following main tables: GYS PLOT, GYS TREE

Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 6 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_6				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_6				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_6				
PLOT_NO		Y	NUMBER	38
Retrofitted from column PLOT_NO of table GRY_SED_CARD_6				
TREE_NO		Y	NUMBER	38
Retrofitted from column TREE_NO of table GRY_SED_CARD_6				
TREE_SPC		Y	VARCHAR2	2
Retrofitted from column TREE_SPC of table GRY_SED_CARD_6				
TREE_STEM_MAP_BEARING		Y	NUMBER	38
Retrofitted from column TREE_STEM_MAP_BEARING of table GRY_SED_CARD_6				
TREE_STEM_MAP_SLOPE_PCT		Y	NUMBER	38
Retrofitted from column TREE_STEM_MAP_SLOPE_PCT of table GRY_SED_CARD_6				
TREE_STEM_MAP_SLOPE_DIST		Y	NUMBER	4,2
Retrofitted from column TREE_STEM_MAP_SLOPE_DIST of table GRY_SED_CARD_6				
TREE_STEM_MAP_HORIZ_DIST		Y	NUMBER	4,2
Retrofitted from column TREE_STEM_MAP_HORIZ_DIST of table GRY_SED_CARD_6				
IN_GROWTH_DIST_TO_FIRST_TREE		Y	NUMBER	3,2
Retrofitted from column IN_GROWTH_DIST_TO_FIRST_TREE of table GRY_SED_CARD_6				
IN_GROWTH_FIRST_TREE_NO		Y	NUMBER	38
Retrofitted from column IN_GROWTH_FIRST_TREE_NO of table GRY_SED_CARD_6				
IN_GROWTH_DIST_TO_SECOND_TREE		Y	NUMBER	3,2
Retrofitted from column IN_GROWTH_DIST_TO_SECOND_TREE of table GRY_SED_CARD_6				
IN_GROWTH_SECOND_TREE_NO		Y	NUMBER	38
Retrofitted from column IN_GROWTH_SECOND_TREE_NO of table GRY_SED_CARD_6				
IN_GROWTH_DIST_TO_THIRD_TREE		Y	NUMBER	3,2
Retrofitted from column IN_GROWTH_DIST_TO_THIRD_TREE of table GRY_SED_CARD_6				
IN_GROWTH_THIRD_TREE_NO		Y	NUMBER	38
Retrofitted from column IN_GROWTH_THIRD_TREE_NO of table GRY_SED_CARD_6				
X_COORD		Y	NUMBER	4,2
Retrofitted from column X_COORD of table GRY_SED_CARD_6				
Y_COORD		Y	NUMBER	4,2

Entity Name:	SED CARD 6 (cont'd)	Short Name:	GYS SC6
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Retrofitted from column Y_COORD of table GRY_SED_CARD_6		
STEM_MAP_OFF_BRG_TO_PLT_CENTR	Y NUMBER	38
Retrofitted from column STEM_MAP_OFF_BRG_TO_PLT_CENTER of table GRY_SED_CARD_6		
STEM_MAP_OFF_SLOPE_PCT	Y NUMBER	38
Retrofitted from column STEM_MAP_OFF_SLOPE_PCT of table GRY_SED_CARD_6		
STEM_MAP_OFF_SLOPE_DIST	Y NUMBER	3,2
Retrofitted from column STEM_MAP_OFF_SLOPE_DIST of table GRY_SED_CARD_6		
* = Attributes in primary unique identifier.		

Unique Identifiers:

GYS SC6	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: SED CARD 7**Short Name:** GYS SC7**Plural:** GYS SED CARD 7**Init. Volume:** 0**Avg. Volume:** 50**Max. Volume:** 100**Annual Growth Rate:** 0%**Description:**

This is a temporary table used to load the following main tables: GYS IMPERIAL DBH CLASS COUNT, GYS METRIC DBH CLASS COUNT

Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 7 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_7			
* LINE_NUMBER		Y NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_7			
DB_KEY		N VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_7			
PLOT_NO		Y NUMBER	38
Retrofitted from column PLOT_NO of table GRY_SED_CARD_7			
SPECIES		Y VARCHAR2	2
Retrofitted from column SPECIES of table GRY_SED_CARD_7			
IMPERIAL_TREE_COUNT_1		Y NUMBER	38
Retrofitted from column IMPERIAL_TREE_COUNT_1 of table GRY_SED_CARD_7			
IMPERIAL_TREE_COUNT_2		Y NUMBER	38
Retrofitted from column IMPERIAL_TREE_COUNT_2 of table GRY_SED_CARD_7			
IMPERIAL_TREE_COUNT_3		Y NUMBER	38
Retrofitted from column IMPERIAL_TREE_COUNT_3 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_0		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_0 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_1		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_1 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_2		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_2 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_3		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_3 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_4		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_4 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_5		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_5 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_6		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_6 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_7		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_7 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_8		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_8 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_9		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_9 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_10		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_10 of table GRY_SED_CARD_7			
METRIC_TREE_COUNT_11		Y NUMBER	38
Retrofitted from column METRIC_TREE_COUNT_11 of table GRY_SED_CARD_7			

Entity Name:	SED CARD 7 (cont'd)	<i>Short Name:</i>	GYS SC7
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* = Attributes in primary unique identifier.

Unique Identifiers:

GYS SC7	Primary	Y
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STAGING_AREA_ID

LINE_NUMBER

Entity Name: SED CARD 8			Short Name: GYS SC8	
Plural: GYS SED CARD 8				
Init. Volume: 0	Avg. Volume: 50	Max. Volume: 100	Annual Growth Rate: 0%	

Description:

This is a temporary table used to load the following main tables: GYS SAMPLE MEASUREMENT, GYS DEAD TREE TALLY
Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 8 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_8				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_8				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_8				
PLOT_NO		Y	NUMBER	38
Retrofitted from column PLOT_NO of table GRY_SED_CARD_8				
SPECIES		Y	VARCHAR2	2
Retrofitted from column SPECIES of table GRY_SED_CARD_8				
TREE_COUNT_1		Y	NUMBER	38
Retrofitted from column TREE_COUNT_1 of table GRY_SED_CARD_8				
TREE_COUNT_2		Y	NUMBER	38
Retrofitted from column TREE_COUNT_2 of table GRY_SED_CARD_8				
TREE_COUNT_3		Y	NUMBER	38
Retrofitted from column TREE_COUNT_3 of table GRY_SED_CARD_8				
TREE_COUNT_4		Y	NUMBER	38
Retrofitted from column TREE_COUNT_4 of table GRY_SED_CARD_8				
TREE_COUNT_5		Y	NUMBER	38
Retrofitted from column TREE_COUNT_5 of table GRY_SED_CARD_8				
TREE_COUNT_6		Y	NUMBER	38
Retrofitted from column TREE_COUNT_6 of table GRY_SED_CARD_8				
TREE_COUNT_7		Y	NUMBER	38
Retrofitted from column TREE_COUNT_7 of table GRY_SED_CARD_8				
TREE_COUNT_8		Y	NUMBER	38
Retrofitted from column TREE_COUNT_8 of table GRY_SED_CARD_8				
TREE_COUNT_9		Y	NUMBER	38
Retrofitted from column TREE_COUNT_9 of table GRY_SED_CARD_8				
TREE_COUNT_10		Y	NUMBER	38
Retrofitted from column TREE_COUNT_10 of table GRY_SED_CARD_8				
TREE_COUNT_11		Y	NUMBER	38
Retrofitted from column TREE_COUNT_11 of table GRY_SED_CARD_8				
DIAM_CLASS_VER_NO		Y	NUMBER	38
Retrofitted from column DIAM_CLASS_VER_NO of table GRY_SED_CARD_8				
* = Attributes in primary unique identifier.				

Unique Identifiers:

GYS SC8	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: SED CARD 9			<i>Short Name:</i> GYS SC9	
<i>Plural:</i> GYS SED CARD 9				
<i>Init. Volume:</i> 0	<i>Avg. Volume:</i> 50	<i>Max. Volume:</i> 100	<i>Annual Growth Rate:</i> 0%	

Description:

This is a temporary table used to load the following main tables: GYS TREE, GYS TREE ASSESSMENT
Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type 9 input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_9				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_9				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_9				
COMPILATION_LAYER		Y	VARCHAR2	1
Retrofitted from column COMPILATION_LAYER of table GRY_SED_CARD_9				
PLOT_NO		Y	NUMBER	38
Retrofitted from column PLOT_NO of table GRY_SED_CARD_9				
TREE_NO		Y	NUMBER	38
Retrofitted from column TREE_NO of table GRY_SED_CARD_9				
TREE_SPC		Y	VARCHAR2	2
Retrofitted from column TREE_SPC of table GRY_SED_CARD_9				
STUMP_DIAM		Y	NUMBER	4,1
Retrofitted from column STUMP_DIAM of table GRY_SED_CARD_9				
STUMP_HT		Y	NUMBER	3,1
Retrofitted from column STUMP_HT of table GRY_SED_CARD_9				
STUMP_HT_SOURCE		Y	VARCHAR2	1
Retrofitted from column STUMP_HT_SOURCE of table GRY_SED_CARD_9				
NEAR_TREE_NO		Y	NUMBER	38
Retrofitted from column NEAR_TREE_NO of table GRY_SED_CARD_9				
STUMP_NEW_OR_OLD		Y	VARCHAR2	1
Retrofitted from column STUMP_NEW_OR_OLD of table GRY_SED_CARD_9				
TAGGING_SECTOR_NO		Y	NUMBER	38
Retrofitted from column TAGGING_SECTOR_NO of table GRY_SED_CARD_9				
* = Attributes in primary unique identifier.				

Unique Identifiers:

GYS SC9	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: SED CARD A				Short Name: GYS SCA	
Plural: GYS SED CARD A					
Init. Volume: 0		Avg. Volume: 50		Max. Volume: 100	
				Annual Growth Rate: 0%	

Description:

This is a temporary table used to load the following main tables: GYS ACCESS NOTE
Corresponds to a record in a Standard Edit Data (SEDATA)-format Card Type A input file.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAGING_AREA_ID		N	NUMBER	38
Retrofitted from column STAGING_AREA_ID of table GRY_SED_CARD_A				
* LINE_NUMBER		Y	NUMBER	38
Retrofitted from column LINE_NUMBER of table GRY_SED_CARD_A				
DB_KEY		N	VARCHAR2	16
Retrofitted from column DB_KEY of table GRY_SED_CARD_A				
SEQ_NO		Y	NUMBER	2
Retrofitted from column SEQ_NO of table GRY_SED_CARD_A				
ODOM_READING		Y	NUMBER	8,1
Retrofitted from column ODOM_READING of table GRY_SED_CARD_A				
ODOM_INCREMENT		Y	NUMBER	8,1
Retrofitted from column ODOM_INCREMENT of table GRY_SED_CARD_A				
REMARKS		Y	VARCHAR2	60
Retrofitted from column REMARKS of table GRY_SED_CARD_A				
* = Attributes in primary unique identifier.				

Unique Identifiers:

GYS SCA	Primary	Y
STAGING_AREA_ID		
LINE_NUMBER		

Entity Name: SED PASS 2 MESSAGE			Short Name:	GYS SP2M
Plural:	GYS SED PASS 2 MESSAGE			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 10000
			Annual Growth Rate:	0%

Description:

This is a temporary table for storing Pass 2 Validation error messages for the Standard Edit Data (SEDATA) input data. These error messages are retrieved by the client application.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
STAGING_AREA_ID		N	NUMBER	38
Identifies the STAGING AREA ID of the sample measurement to which this error message applies. The STAGING AREA ID is assigned from a sequence to each sample measurement loaded into the SED temporary "staging area" tables.				
TIMESTAMP		N	DATE	
Date/time the record was created.				
DB_KEY		N	VARCHAR2	16
The 14-character business key of this sample measurement, in Standard Edit Data (SEDATA) format e.g. "76030 021G0". People who work with SEDATA-format text files are familiar with this representation.				
Region - 2 characters; Compartment - 3 characters; Compartment Letter - 1 character; Installation - 3 characters; Sample Number - 3 characters; Sample Type - 1 character; Measurement Number - 1 character				
MESSAGE		Y	VARCHAR2	255
An error message generated during Pass 2 validation of the Standard Edit Data (SEDATA) data.				
* = Attributes in primary unique identifier.				

Entity Name: SED SAMPLE			Short Name:	GYS SS
Plural:	GYS SED SAMPLE			
Init. Volume:	0	Avg. Volume:	10	Max. Volume: 100
			Annual Growth Rate:	0%

Description:

A SED SAMPLE is a SAMPLE MEASUREMENT that has been "downloaded" from the main tables to the client application for editing.
The data in this table is temporary. When the SAMPLE MEASUREMENT is "uploaded" back into the main tables, the corresponding data will be deleted from this table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* WORK_AREA_ID		N	NUMBER	38
A unique key, generated from a sequence.				
GYS_ID		N	NUMBER	38
Identifies the GYS SAMPLE ID of the GYS SAMPLE MEASUREMENT that was "downloaded" to this record.				
MEASUREMENT_NUMBER		N	NUMBER	38
Identifies the MEAS NO of the GYS SAMPLE MEASUREMENT ID that was "downloaded" to this record.				
BUSINESS_KEY		N	VARCHAR2	16
The 14-character business key of this sample measurement, in Standard Edit Data (SEDATA) format e.g. "76030 021G0". People who work with SEDATA-format text files are familiar with this representation. Region - 2 characters; Compartment - 3 characters; Compartment Letter - 1 character; Installation - 3 characters; Sample Number - 3 characters; Sample Type - 1 character; Measurement Number - 1 character				
LAST_MODIFIED_BY		N	VARCHAR2	50
ID of the user who last updated the record.				
LAST_MODIFIED_ON		N	DATE	
Date/time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE composed of one or more GYS SED SAMPLE DATA
MAY BE having lines marked by one or more GYS SED SAMPLE LOG
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SS BUSKEY	Primary	N
BUSINESS_KEY		
GYS SS MEAS	Primary	N
GYS_ID		
MEASUREMENT_NUMBER		
GYS SS	Primary	Y
WORK_AREA_ID		

Entity Name: SED SAMPLE DATA			<i>Short Name:</i>	GYS SSD
<i>Plural:</i>	GYS SED SAMPLE DATA			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	1000	<i>Max. Volume:</i> 10000
			<i>Annual Growth Rate:</i>	0%

Description:

A SED SAMPLE DATA is a record within a SAMPLE MEASUREMENT that has been "downloaded" from the main tables to the client application for editing. The record is a long string having the same format as a line in a Standard Edit Data (SEDATA) text file.
The data in this table is temporary. When the SAMPLE MEASUREMENT is "uploaded" back into the main tables, the corresponding data will be deleted from this table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LINE_NUMBER		N	NUMBER	38
Line number of this line in the sample measurement.				
LINE		N	VARCHAR2	325
A record within a sample measurement that has been "downloaded" from the main tables to the client application for editing. The record is a long string having the same format as a line in a Standard Edit Data (SEDATA) text file.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE a line in one and only one SED SAMPLE
- * = Relationships in primary unique identifier.

Unique Identifiers:

GYS SSD	Primary	Y
MUST BE a line in one and only one SED SAMPLE		
LINE_NUMBER		

Entity Name: SED SAMPLE LOG			<i>Short Name:</i>	GYS SSL
<i>Plural:</i>	GYS SED SAMPLE LOG			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	5000	<i>Max. Volume:</i> 50000
			<i>Annual Growth Rate:</i>	0%

Description:

A SED SAMPLE LOG is a line from the validation log file for a SAMPLE MEASUREMENT that has been "downloaded" from the main tables to the client application for editing. The log file data is kept in this table so that the user does not need to re-run the time-consuming validation whenever they return to editing a "downloaded" SAMPLE MEASUREMENT. The data in this table is temporary. When the SAMPLE MEASUREMENT is "uploaded" back into the main tables, the corresponding data will be deleted from this table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LINE_NUMBER		N	NUMBER	38
Line number of this line in the validation log file.				
LINE		N	VARCHAR2	500
A line from the validation log file for a sample measurement that has been "downloaded" from the main tables to the client application for editing.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE warning about a line in one and only one SED SAMPLE
- * = Relationships in primary unique identifier.

Unique Identifiers:

GYS SSL	Primary	Y
MUST BE warning about a line in one and only one SED SAMPLE		
LINE_NUMBER		

Plural: GYS SILVCUTRL TREATMENT

Init. Volume: 8000 *Avg. Volume:* 12000 *Max. Volume:* 20000 *Annual Growth Rate:* 10%

A TREATMENT is a silvicultural treatment done to the SAMPLE for treatment response study. e.g. thinning, fertilization, pruning or other.

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SILVCUTRL TREATMENT ID A unique key, generated from a sequence.	NUMERIC IDENTIFIER	N	NUMBER	10
SEQ NO The order of the treatment recorded in the sample measurement.	NUMERIC 3	N	NUMBER	3
TREATMENT DATE The date of the treatment.	DATE	Y	DATE	
<i>HH Sample:112 sa_treatd1</i>				
ENTRY TIMESTAMP Date/time the record was created.	AUDIT DATE	N	DATE	
ENTRY USERID ID of the user who created the record.	AUDIT USERID	N	VARCHAR2	30
UPDATE TIMESTAMP Date/time the record was last updated.	AUDIT DATE	Y	DATE	
UPDATE USERID ID of the user who last updated the record.	AUDIT USERID	Y	VARCHAR2	30
* = Attributes in primary unique identifier.				

Each Occurrence Of This Entity:

MUST BE applied to one and only one SAMPLE MEASUREMENT

MAY BE having type indicated by one and only one SILVCUTRL TREATMENT CODE

* = Relationships in primary unique identifier.

GYS ST	Primary Y
SILVCUTRL TREATMENT ID	

Entity Name: SILVCUTRL TREATMENT CODE			Short Name:	GYS SITC
Plural:	GYS SILVCUTRL TREATMENT CODE			
Init. Volume:	10	Avg. Volume:	15	Max. Volume: 20
			Annual Growth Rate:	10%

Description:

A TREATMENT TYPE CODE is a code that describes a treatment done to the SAMPLE. Values: T=Thinning, F=Fertilization, P=Pruning, S=Spacing, O=Other.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SILVCUTRL TREATMENT CODE	CODETABLE CODE	N	VARCHAR2	10
A TREATMENT TYPE CODE is a code that describes a treatment done to the SAMPLE. Values: T=Thinning, F=Fertilization, P=Pruning, S=Spacing, O=Other.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating type of one or more GYS SILVCUTRL TREATMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SITC	Primary	Y
SILVCUTRL TREATMENT CODE		

Entity Name: SLOPE POSITION CODE			<i>Short Name:</i>	GYS SPC
<i>Plural:</i>	GYS SLOPE POSITION CODE			
<i>Init. Volume:</i>	10	<i>Avg. Volume:</i>	15	<i>Max. Volume:</i> 20
			<i>Annual Growth Rate:</i>	1%

Description:

A SLOPE POSITION CODE is a code which identifies the sample position within a water catchment profile. Examples: U = upper, T = toe.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SLOPE POSITION CODE	CODETABLE CODE	N	VARCHAR2	10
A code which identifies the sample position within a water catchment profile. Examples: U = upper, T = toe.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicates slope for one or more GYS PLOT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SPC	Primary	Y
SLOPE POSITION CODE		

Entity Name: SPACING FACTOR TYPE CODE				Short Name:	GYS SFTC
Plural:	GYS SPACING FACTOR TYPE CODE				
Init. Volume:	10	Avg. Volume:	15	Max. Volume:	20
				Annual Growth Rate:	1%

Description:

A SPACING FACTOR TYPE CODE is a code that describes the type of spacing factor that applies to the SAMPLE.
Examples: T = triangular, S = square

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SPACING FACTOR TYPE CODE	CODETABLE CODE	N	VARCHAR2	10
A code that describes the type of spacing factor that applies to the sample. Examples: T = triangular, S = square				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating spacing factor type for one or more GYS SAMPLE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SFTC	Primary	Y
SPACING FACTOR TYPE CODE		

Entity Name: SPECIAL CRUISE SUBCODE			Short Name:	GYS SCS
Plural:	GYS SPECIAL CRUISE SUBCODE			
Init. Volume:	5	Avg. Volume:	5	Max. Volume: 5
			Annual Growth Rate:	0%

Description:

A SPECIAL CRUISE SUBCODE is a supplemental code for Special Cruise number used to denote former Public Sustained Yield Units that have been subdivided into smaller subunit surveys. Examples: 1, 2, 3.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SPECIAL CRUISE SUBCODE	CODETABLE CODE	N	VARCHAR2	10
A SPECIAL CRUISE SUBCODE is a supplemental code for Special Cruise number used to denote former Public Sustained Yield Units that have been subdivided into smaller subunit surveys. Examples: 1, 2, 3.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE denoting former PSYUs for one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SCS	Primary	Y
SPECIAL CRUISE SUBCODE		

Entity Name: SPECIAL SAMPLE CODE			<i>Short Name:</i>	GYS SPSC
<i>Plural:</i>	GYS SPECIAL SAMPLE CODE			
<i>Init. Volume:</i>	1	<i>Avg. Volume:</i>	1	<i>Max. Volume:</i> 5
			<i>Annual Growth Rate:</i>	5%

Description:

A SPECIAL SAMPLE CODE is a code indicating a special purpose sample category e.g. C = control.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SPECIAL SAMPLE CODE	CODETABLE CODE	N	VARCHAR2	10
A code indicating a special purpose sample category e.g. C = control.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating a special purpose for one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SPSC	Primary	Y
SPECIAL SAMPLE CODE		

<i>Plural:</i>	GYS SPECIAL SITE CODE			
<i>Init. Volume:</i>	5	<i>Avg. Volume:</i>	5	<i>Max. Volume:</i> 5
				<i>Annual Growth Rate:</i> 0%

Description:

SPECIAL SITE CODE is a code that is used when age and height of stand do not reflect site productivity. Examples: G = Good site, M = Medium site, P = Poor site, L = Low site.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SPECIAL SITE CODE	CODETABLE CODE	N	VARCHAR2	10
SPECIAL SITE CODE is a code that is used when age and height of stand do not reflect site productivity. Examples: G = Good site, M = Medium site, P = Poor site, L = Low site.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating special site for one or more GYS LAYER

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS LC Primary Y
SPECIAL SITE CODE

Entity Name:	SPECIES CODE			<i>Short Name:</i>	GYS SC
<i>Plural:</i>	GYS SPECIES CODE				
<i>Init. Volume:</i>	10	<i>Avg. Volume:</i>	15	<i>Max. Volume:</i>	20
				<i>Annual Growth Rate:</i>	1%

Description:

A SPECIES CODE is a code which describes the genus or genus and species for a TREE. Examples: H = Hemlock (Tsuga), Hm = Mountain hemlock (T. mertensiana)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SPECIES CODE	CODETABLE CODE	N	VARCHAR2	10
A code which describes the genus or genus and species for a tree. Examples: H = Hemlock (Tsuga), Hm = Mountain hemlock (T. mertensiana)				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE target of one or more GYS DEAD TREE TALLY

MAY BE target of one or more GYS IMPERIAL DBH CLASS COUNT

MAY BE categorizing trees examined by one or more GYS LAYER SPECIES ASSESSMENT

MAY BE target of one or more GYS METRIC DBH CLASS COUNT

MAY BE categorizing one or more GYS TREE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

GYS SC	<i>Primary</i>	Y
SPECIES CODE		

Entity Name: STAND HIST DISTURBANCE CD				Short Name:	GYS SHDC
Plural:	GYS STAND HIST DISTURBANCE CD				
Init. Volume:	10	Avg. Volume:	15	Max. Volume:	20
				Annual Growth Rate:	1%

Description:

A STAND HIST DISTURBANCE CD is a code that describes disturbance at a sample level as complete (sample destroyed) or partial. Examples: C = complete disturbance, P = partial disturbance.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAND HIST DISTURBANCE CD	CODETABLE CODE	N	VARCHAR2	10
A code that describes disturbance at a sample level as complete (sample destroyed) or partial. Examples: C = complete disturbance, P = partial disturbance.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating extent of damage to one or more GYS SAMPLE MEASUREMENT
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SHDC	Primary	Y
STAND HIST DISTURBANCE CD		

Entity Name: STAND ORIGIN CODE			Short Name:	GYS SOC
Plural:	GYS STAND ORIGIN CODE			
Init. Volume:	7	Avg. Volume:	7	Max. Volume: 12
			Annual Growth Rate:	5%

Description:

A STAND ORIGIN CODE is a code indicating the way in which a stand became established e.g. C = Coppice, F = Fill Planted.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAND ORIGIN CODE	CODETABLE CODE	N	VARCHAR2	10
A code indicating the way in which a stand became established e.g. C = Coppice, F = Fill Planted.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE establishing one or more GYS SAMPLE
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SOC	Primary	Y
STAND ORIGIN CODE		

Entity Name: STAND STRUCTURE CODE				Short Name:	GYS STSC
Plural:	GYS STAND STRUCTURE CODE				
Init. Volume:	10	Avg. Volume:	15	Max. Volume:	20
				Annual Growth Rate:	1%

Description:

A STAND STRUCTURE CODE is a code that describes the physical arrangement or pattern of organization of the stand. Stand structure is described and classified according to recognizable age and height differences. Examples: 1 = single layer, simple stands; 3 = multi-layered stand

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAND STRUCTURE CODE	CODETABLE CODE	N	VARCHAR2	10
A code that describes the physical arrangement or pattern of organization of the stand. Stand structure is described and classified according to recognizable age and height differences. Examples: 1 = single layer, simple stands; 3 = multi-layered stand				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating stand type for one or more GYS SAMPLE MEASUREMENT
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS STSC	Primary	Y
STAND STRUCTURE CODE		

Entity Name:	STUMP HEIGHT SOURCE CODE			Short Name:	GYS SHSC
Plural:	GYS STUMP HEIGHT SOURCE CODE				
Init. Volume:	10	Avg. Volume:	15	Max. Volume:	20
				Annual Growth Rate:	1%

Description:

A STUMP HEIGHT SOURCE CODE is a code that describes the source of a stump height as measured or estimated. Values: M = Measured, E = Estimated.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STUMP HEIGHT SOURCE CODE	CODETABLE CODE	N	VARCHAR2	10
A STUMP HEIGHT SOURCE CODE is a code that describes the source of a stump height as measured or estimated. Values: M = Measured, E = Estimated.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating stump height source fo one or more GYS TREE MEASUREMENT
* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SHSC	Primary	Y
STUMP HEIGHT SOURCE CODE		

Entity Name: STUMP STATUS CODE				<i>Short Name:</i> GYS STUMP	
<i>Plural:</i> GYS STUMP STATUS CODE					
<i>Init. Volume:</i> 10		<i>Avg. Volume:</i> 15		<i>Max. Volume:</i> 20	
				<i>Annual Growth Rate:</i> 1%	

Description:

A STUMP STATUS CODE is a code recorded at establishment of a SAMPLE within a selectively logged stand that describes the age of a stump. The stump may be described as new, that is having been cut in the last ten years, or old. Values: 1 = New, 2 = Old.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STUMP STATUS CODE	CODETABLE CODE	N	VARCHAR2	10
A STUMP STATUS CODE is a code recorded at establishment of a SAMPLE within a selectively logged stand that describes the age of a stump. The stump may be described as new, that is having been cut in the last ten years, or old. Values: 1 = New, 2 = Old.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating years since logging for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS STUMP	Primary	Y
STUMP STATUS CODE		

Entity Name: SUBPLOT**Short Name:** GYS SP**Plural:** GYS SUBPLOT**Init. Volume:** 150000 **Avg. Volume:** 250000 **Max. Volume:** 350000 **Annual Growth Rate:** 15%**Description:**

A circular SUBPLOT is established around the centroid of a given PLOT to get some representation of commercial TREES smaller than the PLOT diameter or height tagging limit. The SUBPLOT area is density dependent as the objective is to obtain a SAMPLE of approximately 20 trees. The minimum acceptable size is 0.002 ha and the maximum is the PLOT size.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* SUBPLOT ID	NUMERIC IDENTIFIER	N NUMBER	10
A unique key, generated from a sequence.			
SUBPLOT RADIUS	NUMERIC 5,2	Y NUMBER	5,2
Small tree subplot radius in metres for a fixed radius plot. Must be consistent with subplot area and subplot per hectare factor. Trees less than the Break Point are tallied in the subplot.			
<i>HH Plot:70 pl_sub_rad</i>			
<i>SED 2:57 Second Plot Radius (m)</i>			
SUBPLOT AREA	PLOT AREA	Y NUMBER	6,4
Secondary (subplot) area in hectares rounded to the nearest 0.0001. Must be consistent with subplot radius and subplot per hectare factor.			
<i>HH Plot:75 pl_subarea</i>			
<i>SED 2:61 Second Plot Area (ha)</i>			
SUBPLOT BASAL AREA FACTOR	BASAL AREA FACTOR	Y NUMBER	6,3
The diameter of a tree at breast height (1.3 metres) and its distance from the plot centre will determine whether the tree is in the variable radius (prism) subplot. The basal area factor is a conversion factor that allows you to extrapolate the to represent the stem area (metres squared) per hectare. Subplots are established to sample the small trees that are less than the plot tagging limit.			
<i>HH Plot:81 pl_sub_ba</i>			
<i>SED 2:52 Basal Area Factor No 2</i>			
SUBPLOT PER HECTARE FACTOR	PER HECTARE FACTOR	Y NUMBER	6,2
Per hectare factor applied to trees tallied in the subplot to allow conversion to density per hectare.			
<i>SED 2:65 Per Hectare Factor No 2</i>			
THIRD PLOT RADIUS	NUMERIC 4,2	Y NUMBER	4,2
Third plot radius. For Intensive Forestry (sample type I) the third plot is used for density of the small tree layer.			
<i>SED 2:72 Third Plot Radius (m)</i>			
ENTRY TIMESTAMP	AUDIT DATE	N DATE	
Date/time the record was created.			
ENTRY USERID	AUDIT USERID	N VARCHAR2	30
ID of the user who created the record.			
UPDATE TIMESTAMP	AUDIT DATE	Y DATE	
Date/time the record was last updated.			
UPDATE USERID	AUDIT USERID	Y VARCHAR2	30
ID of the user who last updated the record.			
* = Attributes in primary unique identifier.			

Relationships:Each Occurrence Of This Entity:

MUST BE encompassing area for one and only one PLOT

MUST BE evaluated by one and only one SAMPLE MEASUREMENT

Entity Name:	SUBPLOT (cont'd)	<i>Short Name:</i>	GYS SP
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* = Relationships in primary unique identifier.

Unique Identifiers:

GYS SP	Primary	Y
SUBPLOT ID		

Entity Name: TREE

Short Name: GYS TREE

Plural: GYS TREE

Init. Volume: 800000 Avg. Volume: 4000000 Max. Volume: 8000000 Annual Growth Rate: 5%

Description:

A TREE is an identified tree used in the PLOT for measurements and the determination of characteristics.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* TREE ID	NUMERIC IDENTIFIER	N NUMBER	10
A unique key, generated from a sequence.			
CENTER SECTOR TREE	TEXT 1	Y VARCHAR2	1
This attribute annotates trees that are within the 0.01 hectare (5.64 m radius) circular sector which is centred on plot centre. The centre sector is used to select the top height tree as per the MoF Site Index-Biogeoclimatic Ecological Classification (SIBEC) program.			
TREE NO	TREE NUMBER	N NUMBER	4
Tree number. In permanent sample plots a blue plastic tag with tree number is attached to each tree. For temporary sample plots trees are given a number at measure but are not permanently tagged as the plot will not be re-visited. Tree numbers are unique to a plot within a sample.			
SED 4:19 Tree Number HH tree:19 tr_tree_no			
SITE SECTOR NO	NUMERIC 2	Y NUMBER	2
Site Sector Number. The number of the Site Sector in which the tree is located. In order to aid in selection of top height and site trees the plot may be divided into 0.01 ha site sectors.			
SED 4:46 Site Sector A-Z the A to Z values need to be converted back to numeric values HH tree:120 tr_secsite			
NEAR TREE NO	TREE NUMBER	Y NUMBER	4
Tree number of nearest tagged tree which will allow reconstruction of the tagging sequence to replace missing tree tags.			
SED 4:67 In-Growth - Near Tree Number SED 9:67 Stump Near Tree Number HH tree:25 tr_near			
TAGGING SECTOR NO	NUMERIC 2	Y NUMBER	2
To simplify tree tagging and replacement of missing tree tags, the sample plot is divided into tagging sectors. In a circular plot the sectors are shaped like pie slices and in a rectangular plot they are rectangular strips. A tree is physically identified at remeasurement by its tree number and presence within a tagging sector. Tree tags face in the opposite direction from sector to adjacent sector.			
SED 4:77 Sector SED 9:77 Sector HH tree:23 sector			
OUT OF PLOT IND	INDICATOR	Y VARCHAR2	1
Out of plot indicator. Denotes a tree outside the plot that has been bored for age. In a plot where trees are big enough to tag but still quite small in diameter a tree outside the plot might be bored for age so as not to damage any of the plot trees. Values: (Y)es - tree is out of plot or (N)o - tree is in plot.			
SED 5:78 Out of Plot HH tree:84 tr_in_plot			
TREE STEM MAP BEARING	BEARING	Y NUMBER	3
Stem map bearing from compass location (usually plot centre) to tree.			
SED 6:26 Bearing in Degrees (0-360) HH tree:42 tr_bear			
TREE STEM MAP SLOPE PERCENT	PERCENT	Y NUMBER	3

Entity Name: TREE (cont'd)			Short Name:	GYS TREE
Slope percent reading for distance measurement from compass position to tree for stem mapping.				
SED 6:29 Slope Percent				
HH tree:45 tr_slope				
TREE STEM MAP SLOPE DISTANCE	NUMERIC 5,2	Y	NUMBER	5,2
Slope distance from compass location to tree for stem mapping.				
SED 6:32 Slope Distance (m)				
HH tree:48 tr_dist				
TREE STEM MAP HORIZ DISTANCE	NUMERIC 5,2	Y	NUMBER	5,2
The corrected horizontal distance from plot centre to the tree.				
SED 6:36 Horizontal Distance (m)				
IN GROWTH DIST TO FIRST TREE	IN GROWTH DIST	Y	NUMBER	3,2
Distance from the ingrowth tree to first tree. An ingrowth tree is a small tree which has grown large enough to be above break point at this measurement. In order to place it on a stem map of the plot, distances are measured to each of three trees which represent the points of a triangle placed around the ingrowth tree.				
SED 6:40 In-Growth - Distance to First Tree (m)				
HH tree:53 tr_tr1dist				
IN GROWTH FIRST TREE NO	TREE NUMBER	Y	NUMBER	4
Ingrowth first tree number. This is the tree number of the first tree to which a distance is measured from the ingrowth tree.				
SED 6:43 In-Growth - First Tree Number				
HH tree:53 tr_tr1_no				
IN GROWTH DIST TO SECOND TREE	IN GROWTH DIST	Y	NUMBER	3,2
Distance from the ingrowth tree to second tree. An ingrowth tree is a small tree which has grown large enough to be above break point at this measurement. In order to place it on a stem map of the plot, distances are measured to each of three trees which represent the points of a triangle placed around the ingrowth tree.				
SED 6:46 In-Growth - Distance to Second Tree (m)				
HH tree:66 tr_tr2dist				
IN GROWTH SECOND TREE NO	TREE NUMBER	Y	NUMBER	4
Ingrowth second tree number. This is the tree number of the second tree to which a distance is measured from the ingrowth tree.				
SED 6:49 In-Growth - Second Tree Number				
HH tree:62 tr_tr2_no				
IN GROWTH DIST TO THIRD TREE	IN GROWTH DIST	Y	NUMBER	3,2
Distance from the ingrowth tree to third tree. An ingrowth tree is a small tree which has grown large enough to be above break point at this measurement. In order to place it on a stem map of the plot, distances are measured to each of three trees which represent the points of a triangle placed around the ingrowth tree.				
SED 6:52 In-Growth - Distance to Third Tree (m)				
HH tree:75 tr_tr3dist				
IN GROWTH THIRD TREE NO	TREE NUMBER	Y	NUMBER	4
Ingrowth third tree number. This is the tree number of the third tree to which a distance is measured from the ingrowth tree.				
SED 6:55 In-Growth - Third Tree Number				
HH tree:71 tr_tr3_no				
X COORDINATE	NUMERIC 4,2	Y	NUMBER	4,2
Stem map x-coordinate position of a tree based on bearing and distance from plot centre. Plot radius is added to make all coordinates positive. (eg. plot centre coordinates are {16.06,16.06} for a 16.06 radius plot, not {0.0, 0.0} NOTE: For 'R' samples use the sub-plot radius to make all coordinates positive as there is no plot radius for 'R' samples if sub-plot > 7.0 m. If sub-plot radius < or = 7.0 m to make coordinates positive.				

Entity Name:	TREE (cont'd)	Short Name:	GYS TREE
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SED 6:58 X Coordinate

Y COORDINATE	NUMERIC 4,2	Y	NUMBER	4,2
Stem map y-coordinate position of a tree based on bearing and distance from plot centre. Plot radius is added to make all coordinates positive. [eg. plot centre coordinates are {16.06,16.06} for a 16.06 radius plot, not {0.0, 0.0} NOTE: For 'R' samples, use the sub-plot radius to make all coordinates positive as there is no plot radius for 'R' samples if sub-plot radius > 7.0 m. If sub-plot radius < or = 7.0 m, use 7.0 m to make coordinates positive.				

SED 6:62 Y Coordinate

NATURAL OR PLANTED	TEXT 1	Y	VARCHAR2	1
Natural or Planted. Identifies if a tree has regenerated naturally or has been planted. Blank assumes it has regenerated naturally. The value 'P' for planted is valid for sample type T (treated) only.				

SED 4:66 Nat / Planted

HH tree:32 tr_nat

ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- MUST BE located within one and only one PLOT
 - MAY BE categorized by one and only one SPECIES CODE
 - MAY BE evaluated with one or more GYS TREE MEASUREMENT
- * = Relationships in primary unique identifier.

Unique Identifiers:

GYS TREE	Primary	Y
TREE ID		

Entity Name: TREE CLASS CODE				<i>Short Name:</i> GYS TCC	
<i>Plural:</i> GYS TREE CLASS CODE					
<i>Init. Volume:</i> 10		<i>Avg. Volume:</i> 15		<i>Max. Volume:</i> 20	
				<i>Annual Growth Rate:</i> 1%	

Description:

A TREE CLASS CODE describes the tree as live or dead, as being a veteran tree or not, and is a general indicator of recoverable fiber. Examples: 5 = Veteran; 6 = Dead, Cut Down

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TREE CLASS CODE	CODETABLE CODE	N	VARCHAR2	10
Tree class describes the tree as live or dead, as being a veteran tree or not, and is a general indicator of recoverable fiber. Examples: 5 = Veteran; 6 = Dead, Cut Down				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating tree class for one or more GYS TREE MEASUREMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS TCC	Primary	Y
TREE CLASS CODE		

Entity Name: TREE DAMAGE OCCURRENCE				Short Name:	GYS TDO
Plural:	GYS TREE DAMAGE OCCURRENCE				
Init. Volume:	80000	Avg. Volume:	400000	Max. Volume:	800000
				Annual Growth Rate:	15%

Description:
A TREE DAMAGE OCCURRANCE is an occurance of damage to a tree within a sample mesaurement.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
TREE DAMAGE OCCURRENCE ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
DAMAGE ORDER	NUMERIC ORDER	N	NUMBER	3
The order in which the tree damage is reported for a tree measurement. Where order 1 would represent the primary tree damage and 2 would represent the secondary damage. The business area can only collect two types of tree damage with thier current data collection tools however the business area has reported collecting an addtion three damage types manually.				
DURATION OF ATTACKS		Y	NUMBER	3
Records the number of years of attacks when damage agent type code is Major crook, Minor crook, forking, or staghead				
HAWKSWORTH CLASS	TEXT 3	Y	VARCHAR2	3
Hawksworth Class is a six class dwarf mistletoe rating system for a tree. On a tree or stand basis, light infection is a rating of 1 to 2; moderate is 3 to 4; and severe is 5 to 6. For a stand, the rating is calculated as the average rating of all infected trees. Only identified when damage agent severity code is Major or Minor Stem Swell.				
SEVERITY PERCENT	NUMERIC 3	Y	NUMBER	3
Severity percent. The percentage of trees in the sample measurement that have been affected by the damage occurrence. IE: If a sample measurement has half its trees damaged by a mountain pine beetle (insect), then damage agent type code = 'I', damage species code = 'BM', and severity level percent = '50'.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE having damage severity indicated by one and only one DAMAGE AGENT SEVERITY CODE
MUST BE having type of damage agent indicated by one and only one DAMAGE AGENT TYPE CODE
MUST BE records damage for one and only one TREE MEASUREMENT
* = Relationships in primary unique identifier.

Entity Name: TREE MEASUREMENT**Short Name:** GYS TM**Plural:** GYS TREE MEASUREMENT**Init. Volume:** 1500000 **Avg. Volume:** 7500000 **Max. Volume:** 15000000 **Annual Growth Rate:** 50%**Description:**

A TREE ASSESSMENT is an evaluation of a given TREE during a given SAMPLE MEASUREMENT.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TREE MEASUREMENT ID	NUMERIC IDENTIFIER	N	NUMBER	10
A unique key, generated from a sequence.				
SITE INDEX	NUMERIC 3,1	Y	NUMBER	3,1
An expression of the forest site quality based on tree age and height. Site index is determined using tree age, tree height, and site index equations. These equations are based on reference age 50 years at Breast Height Age.				
DIAM AT 13M	NUMERIC 4,1	Y	NUMBER	4,1
Diameter of the tree measured at 1.3m (breast height).				
SED 4:25 DBH (@ 1.3 m)				
HH tr_meas:30 tm_dbh1_3				
CURVE OR EST HT	NUMERIC 4,1	Y	NUMBER	4,1
An indicator whether height is estimated in the field or calculated based upon diameter				
SED 4:30 Height (m)				
HH tr_meas:40 tm_height				
HH: this is the estimated height of the tree. An "E" needs to be stored in the HT SOURCE field to record that this height was an estimate.				
DEAD STANDING OR DOWN	TEXT 1	Y	VARCHAR2	1
This attribute indicates whether the dead tree is standing or down on the ground.				
SED 4:37 Dead Standing / Down				
HH tr_meas:68 tm_cndtn				
SPIRAL GRAIN	NUMERIC 1	Y	NUMBER	1
Quality remark for spiral grain. A non-zero value indicates the presence of spiral in one or more tree segments.				
SED 4:47 Quality - Spiral Grain				
HH tr_meas:61 tm_spiral				
SWEEP	NUMERIC 1	Y	NUMBER	1
Quality remark for sweep which denotes class of bowing of the tree stem.				
SED 4:48 Quality - Sweep				
HH tr_meas:62 tm_sweep				
LEAN	NUMERIC 1	Y	NUMBER	1
Quality remark for lean.				
SED 4:49 Quality - Lean				
HH tr_meas:63 tm_lean				
FIRST LIVE LIMB	LOG NUMBER	Y	NUMBER	1
Quality remark for first live limb.				
SED 4:50 Quality - First Live Limb				
HH tr_meas:64 tm_limb				
FIRST STUB	LOG NUMBER	Y	NUMBER	1
Quality remark for first stub.				
SED 4:51 Quality - First Stub				
HH tr_meas:65 tm_stub				
KNOTS AT FIRST 5M	KNOT CODE	Y	NUMBER	1
Quality remark for knots at first 5 metres.				

Entity Name: TREE MEASUREMENT (cont'd)			Short Name:	GYS TM
<i>SED 4:52 Quality - Knots at 1st 5m</i> <i>HH tr_meas:66 tm_1knot5m</i>				
KNOTS AT SECOND 5M	KNOT CODE	Y	NUMBER	1
Quality remark for knots at second 5 metres.				
<i>SED 4:53 Quality - Knots at 2nd 5m</i> <i>HH tr_meas:67 tm_2knot5m</i>				
SUB PLOT TREE IND	INDICATOR	Y	VARCHAR2	1
Indicates the tree is in the sub-plot; 'S' or blank.				
<i>SED 4:54 Sub-Plot Tree?</i>				
DIAM AT 137M	NUMERIC 4,1	Y	NUMBER	4,1
Diameter of the tree measured at 1.37 metres (Imperial Diameter at Breast Height (DBH)) above the germination point.				
<i>SED 4:55 Diameter (@ 1.37)</i> <i>HH tr_meas:35 tm_dia1_37</i>				
LIVE CROWN PERCENT	PERCENT	Y	NUMBER	3
Live crown expressed as a percent of the total tree length.				
<i>SED 4:59 Live Crown Percent</i> <i>HH tr_meas:46 tm_lc_len</i>				
SCAR PROD BASE	NUMERIC 1	Y	NUMBER	1
Pathological remark Scar Base for a Productivity sample; sample type 'P'.				
<i>SED 4:71 Scar (Prod) - Base</i> <i>HH tr_meas:90 tm_s_base</i>				
SCAR PROD MID	NUMERIC 1	Y	NUMBER	1
Pathological remark Scar Mid for a Productivity sample; sample type 'P'.				
<i>SED 4:72 Scar (Prod) - Mid</i> <i>HH tr_meas:91 tm_s_mid</i>				
SCAR PROD TOP	NUMERIC 1	Y	NUMBER	1
Pathological remark Scar Top for a Productivity sample; sample type 'P'.				
<i>SED 4:73 Scar (Prod) - Top</i> <i>HH tr_meas:92 tm_s_top</i>				
HT TO BREAK	NUMERIC 2	Y	NUMBER	2
Is the measured or estimated height in metres to the broken top of the tree.				
<i>SED 4:74 Height to Break</i> <i>HH tr_meas:162 tm_ht_brk</i>				
SUPPRESSION IND	INDICATOR	Y	VARCHAR2	1
An indicator of whether radial growth suppression (inhibition of radial growth) is evident in the age core. If the tree is suppressed the age and duration of the suppression as well as the length of age core affected by suppression is recorded to assess the extent of the suppression. Suppressed trees are not suitable as site trees as they may not have age to height relations that represent site potential. Valid values are (Y)es, (N)o, (P)ossible.				
<i>SED 5:29 Suppression</i> <i>HH tr_meas:205 tm_suppres</i>				
MEAS HT	NUMERIC 4,1	Y	NUMBER	4,1
Measured height in metres for a tree.				
<i>SED 5:30 Height (m)</i> <i>HH tr_meas:94 tmsheight</i>				
TOP PERCENT	PERCENT	Y	NUMBER	3
This is the clinometer percentage measurement to the tip of the tree. To measure tree height with a clinometer the total angle between the tip and base of the tree, as seen from the observer's eye, and the horizontal distance from the observer's eye to the tree is used to calculate the tree height based upon trigonometric principles.				
<i>SED 5:37 Top Percent</i>				

Entity Name: TREE MEASUREMENT (cont'd)			Short Name:	GYS TM
<i>HH tr_meas:119 tms_top</i>				
BOTTOM PERCENT	PERCENT	Y	NUMBER	3
Bottom percent for clinometer height measurement.				
<i>SED 5:40 Bottom Percent</i>				
<i>This field has a plus or minus sign as the first character.</i>				
<i>HH tr_meas:50 tm_botsign</i>				
<i>HH tr_meas:122 tms_bot</i>				
TOTAL PERCENT	PERCENT	Y	NUMBER	3
Total Percent a sum of the top and bottom percent				
<i>SED 5:43 Total Percent</i>				
SLOPE DISTANCE	NUMERIC 4,1	Y	NUMBER	4,1
Slope Distance (distance from clinometer to tree not corrected for slope)				
<i>SED 5:46 Slope Distance (m)</i>				
<i>HH tr_meas:125 tms_slpdis</i>				
SLOPE PERCENT	PERCENT	Y	NUMBER	3
Slope Percent. The gradient in percent for the site location from the clinometer to the tree.				
<i>SED 5:49 Slope Percent</i>				
<i>HH tr_meas:129 tms_slope</i>				
HORIZ DISTANCE	NUMERIC 4,1	Y	NUMBER	4,1
Horizontal Distance (distance from clinometer to tree corrected for slope).				
<i>SED 5:51 Horizontal Distance (m)</i>				
UNCORRECTED HT	NUMERIC 3,1	Y	NUMBER	3,1
Uncorrected Height (does not include the constant tag height used for the bottom percent measurement)				
<i>SED 5:54 Uncorrected Height</i>				
HT CORRECTION	NUMERIC 2,1	Y	NUMBER	2,1
Height Correction.				
<i>SED 5:57 Height Correction</i>				
<i>HH tr_meas:132 tms_htcorr</i>				
BORING AGE	AGE	Y	NUMBER	3
The counted age of the increment core taken at breast height (1.3m).				
<i>SED 5:60 Breast Height (Boring Age)</i>				
<i>HH tr_meas:100 tm_age13m</i>				
BORING HT	NUMERIC 2,1	Y	NUMBER	2,1
Boring height is the height that the increment core was taken which in usually metric breast height (1.3m).				
<i>SED 5:63 Boring Height</i>				
<i>HH tr_meas:103 tmsboreht</i>				
AGE CORRECTION	NUMERIC 2	Y	NUMBER	2
Will correct breast height age to total age.				
<i>SED 5:65 Age Correction</i>				
TOTAL AGE	AGE	Y	NUMBER	3
Total measured and corrected age for the tree.				
<i>SED 5:68 Total Age</i>				
NEW AGE	AGE	Y	NUMBER	3
The NEW AGE attribute is used only if a "re-measured" tree is bored for age. The attribute may be the same as or different from BORING AGE for the given measurement. The essential difference is that NEW AGE is the measured age at re-measurement of a re-measured tree while BORING AGE is the extended age from its measured age at establishment.				
COMPILATION AGE IND	INDICATOR	Y	VARCHAR2	1

Entity Name: TREE MEASUREMENT (cont'd)			Short Name:	GYS TM
<p>Compilation Age Indicator. Valid values 'A' or blank. Indicates that a tree has a boring age which, if the tree is of leading species, is to be used in calculating mean breast height age and mean total age for the measurement.</p> <p><i>SED 5:71 Compilation Age</i> <i>HH tr_meas:110 tmscompage</i></p>				
RADIAL INCREMENT 5 YRS	RADIAL INCREMENT	Y	NUMBER	3
<p>The radial measurement (mm) of the first 5 years of growth.</p> <p><i>HH tr_meas:206 tm_radinc5</i></p>				
RADIAL INCREMENT 10 YRS	RADIAL INCREMENT	Y	NUMBER	3
<p>The radial measurement (mm) of the first 10 years of growth.</p> <p><i>SED 5:72 Radial Increment - Inc 1 (mm)</i> <i>HH tr_meas:112 tm_radinc1</i></p>				
RADIAL INCREMENT 20 YRS	RADIAL INCREMENT	Y	NUMBER	3
<p>The radial measurement (mm) of the first 20 years of growth.</p> <p><i>SED 5:75 Radial Increment - Inc 2 (mm)</i> <i>HH tr_meas:115 tm_radinc2</i></p>				
STUMP DIAM	NUMERIC 4,1	Y	NUMBER	4,1
<p>The stem diameter of a tree measured at the top of the stump. If a tree was cut and removed, and a diameter (@ 1.3 m Diameter at Breast Height (DBH)) was not taken immediately prior to the cutting, a diameter is taken of the stump, allowing a regressed diameter at 1.3 m DBH to be determined.</p> <p><i>SED 9:25 Stump Diameter (cm)</i> <i>HH tree:33 tr_dia</i></p>				
STUMP HT	NUMERIC 3,1	Y	NUMBER	3,1
<p>The height to the top of the stump from the high side ground. This is where the stump diameter is measured.</p> <p><i>SED 9:30 Stump Height (m)</i> <i>HH tree_38 tr_height</i></p>				
TREE TAG OK IND	INDICATOR	Y	VARCHAR2	1
<p>An indicator of whether the tree tag attached to the tree at establishment measurement was found to be present during this current measurement. This annotates retagged trees to in case there are remeasurement anomalies. Valid values are (Y)es , (N)o or blank meaning no value recorded.</p> <p><i>HH tr_meas:28 tm_tag_ok</i></p>				
SPECIES CHANGE IND	INDICATOR	Y	VARCHAR2	1
<p>An indicator (yes or no) of whether the tree species was changed during the current measurement. This annotates changes to species when previous measurements are in error. Valid values are (Y)es, (N)o and blank meaning no value recorded.</p> <p><i>HH tr_meas:29 tm_spc_chg</i></p>				
HT TO LIVE CROWN	NUMERIC 4,1	Y	NUMBER	4,1
<p>The direct entry of the vertical distance from the tree base to the lowest portion of the continuous live crown or bole. This allows one to relate the crown (branches with foliage) length to the overall tree height.</p> <p><i>HH tr_meas:70 tm_ht_crwn</i></p>				
HT TO FIRST LIVE BRANCH	NUMERIC 4,1	Y	NUMBER	4,1
<p>Height to First Live Branch.</p> <p><i>HH tr_meas:74 tm_ht_brch</i></p>				
REMARKS		Y	VARCHAR2	20
<p>Remarks for the tree at this measurement.</p> <p><i>HH tr_meas:142 tm_memo</i></p>				
SUPPRESSION LEN	NUMERIC 3	Y	NUMBER	3
<p>Suppressed Length (mm).</p>				

Entity Name: TREE MEASUREMENT (cont'd)

Short Name:

GYS TM

Explanation of suppression: High stand density may cause inhibition of individual tree radial growth and this will be evidenced in their age core. If the tree is suppressed the age and duration of the suppression as well as the length of age core affected by suppression is recorded to assess the extent of the suppression. Suppressed trees are not suitable as site trees as they may not have age to height relations that represent site potential.

HH tr_meas:209 tm_sup_len

SUPPRESSION AGE	AGE	Y	NUMBER	3
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Suppressed Age (years).

Explanation of suppression: High stand density may cause inhibition of individual tree radial growth and this will be evidenced in their age core. If the tree is suppressed the age and duration of the suppression as well as the length of age core affected by suppression is recorded to assess the extent of the suppression. Suppressed trees are not suitable as site trees as they may not have age to height relations that represent site potential.

HH tr_meas:212 tm_sup_age

SUPPRESSION CORE LEN	NUMERIC 3	Y	NUMBER	3
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Suppression - Core Length (mm).

Explanation of suppression: High stand density may cause inhibition of individual tree radial growth and this will be evidenced in their age core. If the tree is suppressed the age and duration of the suppression as well as the length of age core affected by suppression is recorded to assess the extent of the suppression. Suppressed trees are not suitable as site trees as they may not have age to height relations that represent site potential.

HH tr_meas:215 tm_cor_len

SUPPRESSION CORE TOTAL AGE	AGE	Y	NUMBER	3
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Suppression - Core Total Age (years).

Explanation of suppression: High stand density may cause inhibition of individual tree radial growth and this will be evidenced in their age core. If the tree is suppressed the age and duration of the suppression as well as the length of age core affected by suppression is recorded to assess the extent of the suppression. Suppressed trees are not suitable as site trees as they may not have age to height relations that represent site potential.

HH tr_meas:218 tm_cor_agt

SUPPRESSION SUPP 10 YRS	NUMERIC 3	Y	NUMBER	3
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Suppression - Suppressed 10 Years (mm).

Explanation of suppression: High stand density may cause inhibition of individual tree radial growth and this will be evidenced in their age core. If the tree is suppressed the age and duration of the suppression as well as the length of age core affected by suppression is recorded to assess the extent of the suppression. Suppressed trees are not suitable as site trees as they may not have age to height relations that represent site potential.

HH tr_meas:221 tm_sup_10

SUPPRESSION REL 10 YRS	NUMERIC 3	Y	NUMBER	3
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Suppression - Released 10 years (mm).

Explanation of suppression: High stand density may cause inhibition of individual tree radial growth and this will be evidenced in their age core. If the tree is suppressed the age and duration of the suppression as well as the length of age core affected by suppression is recorded to assess the extent of the suppression. Suppressed trees are not suitable as site trees as they may not have age to height relations that represent site potential.

HH tr_meas:224 tm_rel_10

MEAS HT TO BASE OF LIVE CROWN	NUMERIC 4,1	Y	NUMBER	4,1
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The calculated vertical distance from the tree base to the lowest portion of the continuous live crown or bole. This is based upon clinometer readings and distances. This allows one to relate the crown (branches with foliage) length to the overall tree height.

HH tr_meas:227 tm_lc_htbs

HT TO BASE OF LIVE CR MEAS IND	INDICATOR	Y	VARCHAR2	1
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Indicates whether Height to Base of Live Crown is (M)easured or (E)stimated.

HH tr_meas:231 tm_lc_meas

SLOPE PCT TO BASE OF LIVE CR	PERCENT	Y	NUMBER	3
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Entity Name: TREE MEASUREMENT (cont'd)			Short Name:	GYS TM
Clinometer Slope Percent to Base of Live Crown. To measure tree height with a clinometer the total angle between the tip and base of the tree, as seen from the observer's eye, and the horizontal distance from the observer's eye to the tree is used to calculate the tree height based upon trigonometric principles.				
<i>HH tr_meas:232 tm_lc_pcbs</i>				
SLOPE PCT TO BOTTOM OF TREE	PERCENT	Y	NUMBER	3
Clinometer Slope Percent to Bottom of Tree when measuring height to base of live crown. To measure tree height with a clinometer the total angle between the tip and base of the tree, as seen from the observer's eye, and the horizontal distance from the observer's eye to the tree is used to calculate the tree height based upon trigonometric principles.				
<i>HH tr_meas:235 tm_lc_pcbt</i>				
SLOPE DIST MEAS HT TO LIVE CR	NUMERIC 4,1	Y	NUMBER	4,1
Slope Distance from clinometer to tree when measuring height to base of live crown. To measure tree height with a clinometer the total angle between the tip and base of the tree, as seen from the observer's eye, and the horizontal distance from the observer's eye to the tree is used to calculate the tree height based upon trigonometric principles.				
<i>HH tr_meas:238 tm_lc_dssl</i>				
SLOPE PCT MEAS HT TO LIVE CR	PERCENT	Y	NUMBER	3
Clinometer Slope Percent (for slope distance) from clinometer to tree when measuring height to base of live crown. To measure tree height with a clinometer the total angle between the tip and base of the tree, as seen from the observer's eye, and the horizontal distance from the observer's eye to the tree is used to calculate the tree height based upon trigonometric principles.				
<i>HH tr_meas:242 tm_lc_pcsf</i>				
HT CORR MEAS TO LIVE CR	NUMERIC 4,2	Y	NUMBER	4,2
Height Correction when measuring to base of the live crown.				
<i>HH tr_meas:245 tm_lc_corr</i>				
SIGN OF BOT SLOPE PCT HT TO LC	TEXT 1	Y	VARCHAR2	1
Sign (+/-) of Bottom Slope Percent when measuring height to base of live crown.				
<i>HH tr_meas:249 tm_lc_sgnb</i>				
DEAD TREE NO CERTAINTY	NUMERIC 1	Y	NUMBER	1
Dead Tree Number Certainty Code. How certain is the field crew member that he has determined the original tree number for the tree. Values 1 to 3.				
<i>HH tr_meas:252 tm_dtnocrt</i>				
DEAD TREE SPECIES CERTAINTY	NUMERIC 1	Y	NUMBER	1
Dead Tree Species Certainty Code. How certain is the field crew member that he has determined the correct species for the tree. Values 1 to 3.				
<i>HH tr_meas:253 tm_dtspcrt</i>				
DEAD TREE WILDLIFE APPEARANCE	NUMERIC 1	Y	NUMBER	1
Dead Tree Wildlife Appearance Code. Values 1 to 9.				
<i>HH tr_meas:254 tm_dtwlife</i>				
DEAD TREE POSN OF DOWN TREE	TEXT 1	Y	VARCHAR2	1
Position of a dead tree that is (fallen) down . The tree is either (S)upported or is lying on the (G)round.				
<i>HH tr_meas:255 tm_dtdnpos</i>				
TREE SUITABLE FOR HT	TEXT 1	Y	VARCHAR2	1
Is Tree Suitable for Height measurement Code from handheld input format. This is the initial user evaluation of the suitability of a tree and any later user suitability updates. It DOES NOT reflect the tree status when the tree is involved in the top height selection and status update processes. Values are; (N)ot suitable, (C)ould be suitable, (V)ery difficult to measure, (E)asy to measure, (Y)es suitable for height, (F)lagged for height measurement.				
<i>HH tr_meas:256 tm_suitht</i>				

Entity Name: TREE MEASUREMENT (cont'd)			Short Name:	GYS TM
VERT DISTANCE MEAS REQD IND	INDICATOR	Y	VARCHAR2	1
Is a Vertical Distance Measurement Required. (Y)es or (N)o.				
<i>HH tr_meas:257 tm_vd_meas</i>				
HT TO LEANING TIP	NUMERIC 4,1	Y	NUMBER	4,1
Height to Leaning Tip of tree. Height of tip of tree above a point on the ground vertically below the tip.				
<i>HH tr_meas:258 tmsvertdis</i>				
LEANING TREE BEARING	BEARING	Y	NUMBER	3
Leaning Tree Bearing. The bearing of lean for a leaning tree.				
<i>HH tr_meas:262 tms_vdbear</i>				
DISTANCE TO PT OF GERM	NUMERIC 4,1	Y	NUMBER	4,1
Distance to Point of Germination when evaluating vertical distance.				
<i>HH tr_meas:265 tms_vddpog</i>				
SLOPE PERCENT TO PT OF GERM	PERCENT	Y	NUMBER	3
Slope Percent to Point of Germination when evaluating vertical distance.				
<i>HH tr_meas:269 tms_vdspog</i>				
SIGN OF SLOPE PERCENT LEANING	TEXT 1	Y	VARCHAR2	1
Sign (+/-) of Leaning Tree Slope Percent when evaluating vertical distance; default to '-'. <i>HH tr_meas:272 tm_vdssign</i>				
AGE CORE TAKEN IND	INDICATOR	Y	VARCHAR2	1
An indicator of whether radial growth suppression (inhibition of radial growth) is evident in the age core. If the tree is suppressed the age and duration of the suppression as well as the length of age core affected by suppression is recorded to assess the extent of the suppression. Suppressed trees are not suitable as site trees as they may not have age to height relations that represent site potential. Valid values are (Y)es, (N)o, (P)ossible.				
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:**Each Occurrence Of This Entity:**

MAY BE having layer and tree class indicated by one and only one COMPILATION LAYER CODE

MAY BE having crown class indicated by by one and only one CROWN CLASS CODE

MAY BE having type of height measurement indicated by one and only one HEIGHT SOURCE CODE

MAY BE having calculation details specified by one and only one HT DIAMETER CURVE USE CODE

MAY BE having measurement status indicated by one and only one HT MEASUREMENT STATUS CODE

MAY BE classified in one and only one LAYER

MAY BE having special sampling status indicated by one and only one MISSED DROPPED FALLEN CD

MAY BE having presence of decay indicated by one or more GYS PATHOLOGICAL OBSERVATION

MAY BE having pith contact indicated by one and only one PITH CODE

MAY BE records damage one or more GYS PRE CONV TREE DMG OCCUR

MUST BE a product of one and only one SAMPLE MEASUREMENT

MAY BE having stump height source indicated by one and only one STUMP HEIGHT SOURCE CODE

MAY BE having years since logging indicated by one and only one STUMP STATUS CODE

Entity Name:	TREE MEASUREMENT (cont'd)	<i>Short Name:</i>	GYS TM
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MAY BE records damage for one or more GYS TREE DAMAGE OCCURRENCE

MUST BE an evaluation of one and only one TREE

MAY BE having tree class indicated by one and only one TREE CLASS CODE

MAY BE records damage for one or more GYS TREE DAMAGE OCCURRENCE

MAY BE having tree measurement remark one or more GYS TREE MEASUREMENT REMARKS

* = *Relationships in primary unique identifier.*

Unique Identifiers:

GYS TA	Primary	Y
TREE MEASUREMENT ID		

Entity Name: TREE MEASUREMENT REMARKS				Short Name:	GYS TMR
Plural:	GYS TREE MEASUREMENT REMARKS				
Init. Volume:	10000	Avg. Volume:	25000	Max. Volume:	50000
				Annual Growth Rate:	5%

Description:

A tree measurement can have up to three tree remarks that indicate some characteristic or check about the tree. ie. Alive, major lean, Species check, Height check.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT DATE	N	DATE	
Date/time the record was created.				
ENTRY USERID	AUDIT USERID	N	VARCHAR2	30
ID of the user who created the record.				
UPDATE TIMESTAMP	AUDIT DATE	Y	DATE	
Date/time the record was last updated.				
UPDATE USERID	AUDIT USERID	Y	VARCHAR2	30
ID of the user who last updated the record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE tree measurement remark for one and only one TREE MEASUREMENT
- * MUST BE having tree remark one and only one TREE REMARK CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS TMR	Primary	Y
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MUST BE having tree remark one and only one TREE REMARK CODE

MUST BE tree measurement remark for one and only one TREE MEASUREMENT

Entity Name: TREE REMARK CODE			Short Name:	GYS TRC
Plural:	GYS TREE REMARK CODE			
Init. Volume:	10	Avg. Volume:	15	Max. Volume: 20
			Annual Growth Rate:	1%

Description:

A TREE REMARK CODE is a code that describes the characteristic of a tree. Examples: A =Alive, Y=Dying, L=Major Lean.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TREE REMARK CODE		N	VARCHAR2	3
A code that describes the characteristics of a tree. Examples: A = Alive, Y = Dying, L = Major Lean.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE tree remark for one or more GYS TREE MEASUREMENT REMARKS

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS TRC	Primary	Y
TREE REMARK CODE		

Entity Name: TREE THIRD CODE				Short Name: GYS TTHC	
Plural: GYS TREE THIRD CODE					
Init. Volume: 10		Avg. Volume: 15		Max. Volume: 20	
				Annual Growth Rate: 1%	

Description:

A TREE THIRD CODE is a code which denotes one or more thirds of the stem. Examples: 1 = lower third, 2 = middle third, 4 = lower and middle third.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TREE THIRD CODE	CODETABLE CODE	N	VARCHAR2	10
A code which denotes one or more thirds of the stem. Examples: 1 = lower third, 2 = middle third, 4 = lower and middle third.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating location of one or more GYS PATHOLOGICAL OBSERVATION

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS TTHC	Primary	Y
TREE THIRD CODE		

Short Name: TSANC

Init. Volume: 42 Avg. Volume: 42 Max. Volume: 42 Annual Growth Rate: 0%

The Timber Supply Area identifier.

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
TSA NUMBER CODE The unique identifier for the Timber Supply Area.	TEXT 2	N	VARCHAR2	2
DESCRIPTION The full description of the Timber Supply Area.	CODETABLE DESCRIPTION	N	VARCHAR2	120
EFFECTIVE DATE The date the value is available for use.	AUDIT DATE	N	DATE	
EXPIRY DATE The date after which the value is no longer available for use.	AUDIT DATE	N	DATE	
UPDATE TIMESTAMP The date and time the value was last modified.	AUDIT DATE	N	DATE	

* = Attributes in primary unique identifier.

Each Occurrence Of This Entity:

MAY BE specifying the TSA containing one or more GYS SAMPLE

* = Relationships in primary unique identifier.

CORP TSANC Primary Y
TSA NUMBER CODE

Sourced from Ministry of Forests (MOF) - CODE LIST as a full set of codes. All codes in MOF are corporate codes as long as they come from CODE LIST and are a full set. If it is a partial set of the main code list for any business area then they are created as a individual code table and prefixed with the application acronym.
Part of Ministry of Forests (MOF) client model for relationships see data model container "" FTA_WHSE"".
Source replication THE schema to idwprod1 WHSE CORP ---> copied to CORP schemas

Entity Name: TSB NUMBER CODE				<i>Short Name:</i>	TSBNC
<i>Plural:</i>	TSB NUMBER CODE				
<i>Init. Volume:</i>	242	<i>Avg. Volume:</i>	242	<i>Max. Volume:</i>	242
				<i>Annual Growth Rate:</i>	0%

Description:

The number and name of the Timber Supply Blocks within the province.Must be defined in relation to an existing Timber Supply Area.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TSB NUMBER CODE		N	VARCHAR2	3
The unique identifier for the Timber Supply Bock.				
DESCRIPTION		N	VARCHAR2	120
The long description of the code suitable for display.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
The date the code becomes effective.				
EXPIRY DATE	AUDIT DATE	N	DATE	
The date the code is not longer valid to be used but retained for referential integrity.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time the record was last changed.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE specifying the TSA block containing one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

CORP TSBNC	Primary	Y
TSB NUMBER CODE		

Notes:

Sourced from Ministry of Forests (MOF) - CODE LIST as a full set of codes. All codes in MOF are corporate codes as long as they come from CODE LIST and are a full set. If it is a partial set of the main code list for any buisness area then they are created as a individual code table and prefixed with the application acronym.
Part of Ministry of Forests (MOF) client model for relationships see data model container ""RESULTS_WHSE"". Source replication THE schema to idwprod1 WHSE_CORP ---> copied to CORP schemas

Entity Name: VALIDATION LEVEL CODE		Short Name:	GYS VLC
Plural:	GYS VALIDATION LEVEL CODE		
Init. Volume:	3	Avg. Volume:	3
		Max. Volume:	5
		Annual Growth Rate:	1%

Description:

A VALIDATION LEVEL CODE indicates the level of validation applied against a SAMPLE MEASUREMENT prior to its loading. Values are: 0, 1, 2, or NULL, indicating the "Pass Level" of validation that was applied. If NULL then the SAMPLE MEASUREMENT was loaded without any validation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VALIDATION LEVEL CODE	CODETABLE CODE	N	VARCHAR2	10
Indicates the level of Validation applied against a sample prior to its loading. Values are: 0, 1, 2, or NULL, indicating the "Pass Level" of validation that was applied. If NULL then the sample was loaded bypassing all validation.				
DESCRIPTION	CODETABLE DESCRIPTION	N	VARCHAR2	120
A description of this code.				
EFFECTIVE DATE	AUDIT DATE	N	DATE	
Date/time the code is effective.				
EXPIRY DATE	EXPIRY DATE	N	DATE	
Date/time the code expires.				
UPDATE TIMESTAMP	AUDIT DATE	N	DATE	
The date and time of the last update to this entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicates the level of validation applied against one or more GYS SAMPLE

* = Relationships in primary unique identifier.

Unique Identifiers:

GYS VLC	Primary	Y
VALIDATION LEVEL CODE		

Index

ACCESS NOTE, 1
AGENCY TYPE CODE, 2
BCGS 10K GRID, 3
BCGS 20K GRID, 4
BEC CODE TABLE, 5
BEC REGION CODE, 7
BEC SITE SERIES, 8
BEC SOURCE CODE, 10
BGC ZONE CODE, 11
COMPILATION LAYER CODE, 12
CROWN CLASS CODE, 13
DAMAGE AGENT SEVERITY CODE, 14
DAMAGE AGENT TYPE CODE, 15
DATA COLLECTION METHOD CD, 16
DATA OWNER CODE, 17
DEAD TREE TALLY, 18
HEIGHT SOURCE CODE, 20
HH ACCESS, 21
HH DOT, 22
HH DT TALLY, 24
HH PASS 2 MESSAGE, 25
HH PLOT, 26
HH SAMPLE, 28
HH SP MEAS, 32
HH SPECIES, 35
HH TR MEAS, 38
HH TREE, 44
HORIZONTAL DATUM CODE, 46
HT DIAMETER CURVE USE CODE, 47
HT MEASUREMENT STATUS CODE, 48
IMPERIAL DBH CLASS COUNT, 49
LAYER, 50
LAYER CODE, 52
LAYER SPECIES ASSESSMENT, 53
MESSAGE LEVEL CODE, 55
MESSAGE TYPE CODE, 56
METRIC DBH CLASS COUNT, 57
MISSED DROPPED FALLEN CD, 59
ORG UNIT, 60
PACKAGE TRANS CONTENT, 61
PACKAGE TRANS TYPE CODE, 62
PACKAGE TRANSACTION, 63
PACKAGE TRANSACTION FILE, 64
PACKAGE TRANSACTION LOG, 65
PATHOLOGICAL OBSERVATION, 66
PATHOLOGICAL OBSERVATION CODE, 67
PITH CODE, 68
PLOT, 69
POSITION METHOD CODE, 72
PRE CONVERSION TREE DMG OCCURRENCE, 73
RCL AREA VALIDN CODES, 75
SAMPLE, 76
SAMPLE COMMENT, 80
SAMPLE CONTACT, 81
SAMPLE MEAS DAMAGE OCCUR, 82
SAMPLE MEASUREMENT, 83
SAMPLE STATUS CODE, 87
SAMPLE TYPE CODE, 88
SAMPLING METHOD CODE, 89
SED CARD 0, 90
SED CARD 1, 92
SED CARD 2, 94
SED CARD 3, 96
SED CARD 4, 98
SED CARD 5, 101
SED CARD 6, 103
SED CARD 7, 105
SED CARD 8, 107
SED CARD 9, 108
SED CARD A, 109
SED PASS 2 MESSAGE, 110
SED SAMPLE, 111
SED SAMPLE DATA, 112
SED SAMPLE LOG, 113
SILVCUTRL TREATMENT, 114
SILVCUTRL TREATMENT CODE, 115
SLOPE POSITION CODE, 116
SPACING FACTOR TYPE CODE, 117
SPECIAL CRUISE SUBCODE, 118
SPECIAL SAMPLE CODE, 119
SPECIAL SITE CODE, 120
SPECIES CODE, 121
STAND HIST DISTURBANCE CD, 122
STAND ORIGIN CODE, 123
STAND STRUCTURE CODE, 124
STUMP HEIGHT SOURCE CODE, 125
STUMP STATUS CODE, 126
SUBPLOT, 127
TREE, 129
TREE CLASS CODE, 132
TREE DAMAGE OCCURRENCE, 133
TREE MEASUREMENT, 134
TREE MEASUREMENT REMARKS, 142
TREE REMARK CODE, 143
TREE THIRD CODE, 144
TSA NUMBER CODE, 145
TSB NUMBER CODE, 146
VALIDATION LEVEL CODE, 147