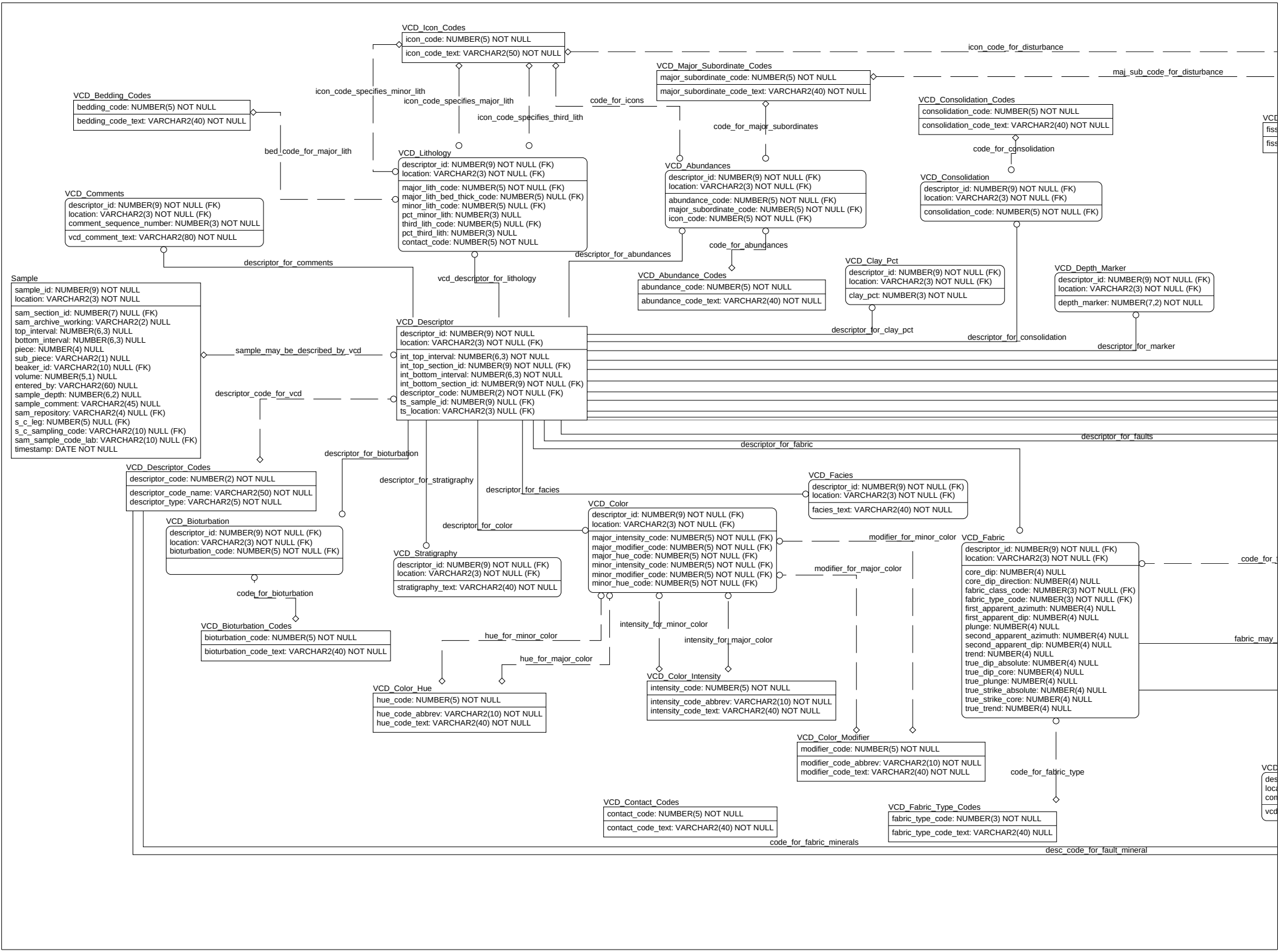
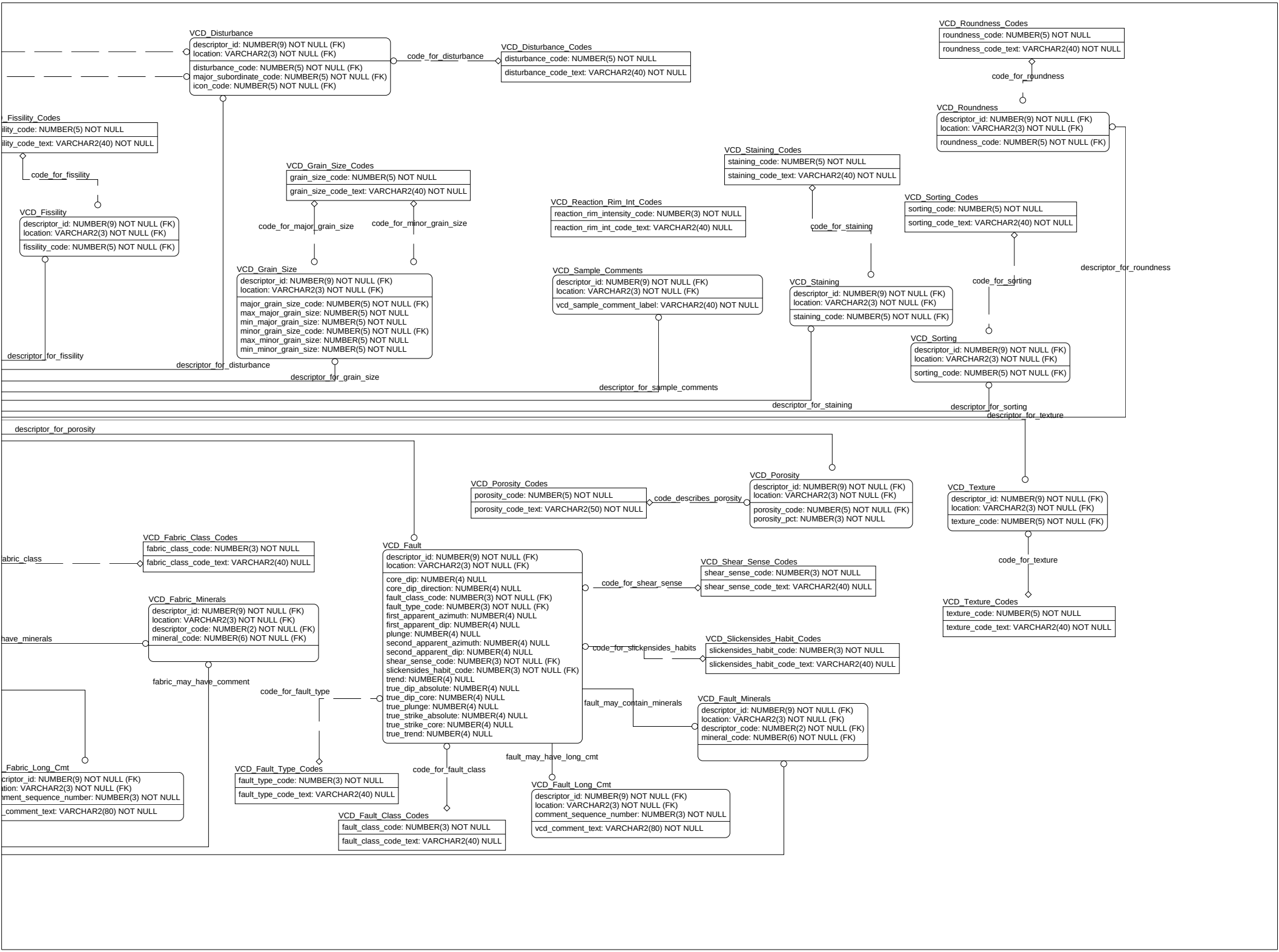

VCD_Icon_Codes
icon_code: NUMBER(5) NOT NULL
icon_code_text: VARCHAR2(50) NOT NULL
icon_code_for_disturbance
VCD_Major_Subordinate_Codes
major_subordinate_code: NUMBER(5) NOT NULL
major_subordinate_code_text: VARCHAR2(40) NOT NULL
maj_sub_code_for_disturbance
VCD_Bedding_Codes
bedding_code: NUMBER(5) NOT NULL
bedding_code_text: VARCHAR2(40) NOT NULL
icon_code_specifies_minor_lith
icon_code_specifies_major_lith
code_for_icons
icon_code_specifies_third_lith
code_for_major_subordinates
VCD_Consolidation_Codes
consolidation_code: NUMBER(5) NOT NULL
consolidation_code_text: VARCHAR2(40) NOT NULL
code_for_consolidation
bed_code_for_major_lith
VCD_Lithology
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
major_lith_code: NUMBER(5) NOT NULL (FK)
major_lith_bed_thick_code: NUMBER(5) NULL (FK)
minor_lith_code: NUMBER(5) NULL (FK)
pct_minor_lith: NUMBER(3) NULL
third_lith_code: NUMBER(5) NULL (FK)
pct_third_lith: NUMBER(3) NULL
contact_code: NUMBER(5) NOT NULL
VCD_Abundances
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
abundance_code: NUMBER(5) NOT NULL (FK)
major_subordinate_code: NUMBER(5) NOT NULL (FK)
icon_code: NUMBER(5) NOT NULL (FK)
VCD_Consolidation
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
consolidation_code: NUMBER(5) NOT NULL (FK)
VCD_Comments
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
comment_sequence_number: NUMBER(3) NOT NULL
vcd_comment_text: VARCHAR2(80) NOT NULL
code_for_abundances
descriptor_for_abundances
descriptor_for_comments
vcd_descriptor_for_lithology
VCD_Abundance_Codes
abundance_code: NUMBER(5) NOT NULL
abundance_code_text: VARCHAR2(40) NOT NULL
VCD_Clay_Pct
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
clay_pct: NUMBER(3) NOT NULL
VCD_Depth_Marker
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
depth_marker: NUMBER(7,2) NOT NULL
Sample
sample_id: NUMBER(9) NOT NULL
location: VARCHAR2(3) NOT NULL
sam_section_id: NUMBER(7) NULL (FK)
sam_archive_working: VARCHAR2(2) NULL
top_interval: NUMBER(6,3) NULL
bottom_interval: NUMBER(6,3) NULL
piece: NUMBER(4) NULL
sub_piece: VARCHAR2(1) NULL
beaker_id: VARCHAR2(10) NULL (FK)
volume: NUMBER(5,1) NULL
entered_by: VARCHAR2(60) NULL
sample_depth: NUMBER(6,2) NULL
sample_comment: VARCHAR2(45) NULL
sam_repository: VARCHAR2(4) NULL (FK)
s_c_leg: NUMBER(5) NULL (FK)
s_c_sampling_code: VARCHAR2(10) NULL (FK)
sam_sample_code_lab: VARCHAR2(10) NULL (FK)
timestamp: DATE NOT NULL
sample_may_be_described_by_vcd
VCD_Descriptor
descriptor_id: NUMBER(9) NOT NULL
location: VARCHAR2(3) NOT NULL (FK)
int_top_interval: NUMBER(6,3) NOT NULL
int_top_section_id: NUMBER(9) NOT NULL (FK)
int_bottom_interval: NUMBER(6,3) NOT NULL
int_bottom_section_id: NUMBER(9) NOT NULL (FK)
descriptor_code: NUMBER(2) NOT NULL (FK)
ts_sample_id: NUMBER(9) NULL (FK)
ts_location: VARCHAR2(3) NULL (FK)
descriptor_for_clay_pct
descriptor_for_consolidation
descriptor_for_marker
descriptor_code_for_vcd
descriptor_for_faults
descriptor_for_fabric
descriptor_for_bioturbation
VCD_Descriptor_Codes
descriptor_code: NUMBER(2) NOT NULL
descriptor_code_name: VARCHAR2(50) NOT NULL
descriptor_type: VARCHAR2(5) NOT NULL
descriptor_for_stratigraphy
descriptor_for_facies
VCD_Facies
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
facies_text: VARCHAR2(40) NOT NULL
VCD_Color
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
major_intensity_code: NUMBER(5) NOT NULL (FK)
major_modifier_code: NUMBER(5) NOT NULL (FK)
major_hue_code: NUMBER(5) NOT NULL (FK)
minor_intensity_code: NUMBER(5) NOT NULL (FK)
minor_modifier_code: NUMBER(5) NOT NULL (FK)
minor_hue_code: NUMBER(5) NOT NULL (FK)
VCD_Bioturbation
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
bioturbation_code: NUMBER(5) NOT NULL (FK)
descriptor_for_color
modifier_for_minor_color
VCD_Fabric
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
core_dip: NUMBER(4) NULL
core_dip_direction: NUMBER(4) NULL
fabric_class_code: NUMBER(3) NOT NULL (FK)
fabric_type_code: NUMBER(3) NOT NULL (FK)
first_apparent_azimuth: NUMBER(4) NULL
first_apparent_dip: NUMBER(4) NULL
plunge: NUMBER(4) NULL
second_apparent_azimuth: NUMBER(4) NULL
second_apparent_dip: NUMBER(4) NULL
trend: NUMBER(4) NULL
true_dip_absolute: NUMBER(4) NULL
true_dip_core: NUMBER(4) NULL
true_plunge: NUMBER(4) NULL
true_strike_absolute: NUMBER(4) NULL
true_strike_core: NUMBER(4) NULL
true_trend: NUMBER(4) NULL
VCD_Stratigraphy
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
stratigraphy_text: VARCHAR2(40) NOT NULL
modifier_for_major_color
code_for_bioturbation
VCD_Bioturbation_Codes
bioturbation_code: NUMBER(5) NOT NULL
bioturbation_code_text: VARCHAR2(40) NOT NULL
intensity_for_minor_color
hue_for_minor_color
intensity_for_major_color
hue_for_major_color
fabric_may_
VCD_Color_Hue
hue_code: NUMBER(5) NOT NULL
hue_code_abbrev: VARCHAR2(10) NOT NULL
hue_code_text: VARCHAR2(40) NOT NULL
VCD_Color_Intensity
intensity_code: NUMBER(5) NOT NULL
intensity_code_abbrev: VARCHAR2(10) NOT NULL
intensity_code_text: VARCHAR2(40) NOT NULL
VCD_Color_Modifier
modifier_code: NUMBER(5) NOT NULL
modifier_code_abbrev: VARCHAR2(10) NOT NULL
modifier_code_text: VARCHAR2(40) NOT NULL
code_for_fabric_type
VCD_Contact_Codes
contact_code: NUMBER(5) NOT NULL
contact_code_text: VARCHAR2(40) NOT NULL
VCD_Fabric_Type_Codes
fabric_type_code: NUMBER(3) NOT NULL
fabric_type_code_text: VARCHAR2(40) NULL
code_for_fabric_minerals
desc_code_for_fault_mineral


VCD_Disturbance
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
disturbance_code: NUMBER(5) NOT NULL (FK)
major_subordinate_code: NUMBER(5) NOT NULL (FK)
icon_code: NUMBER(5) NOT NULL (FK)
code_for_disturbance
VCD_Disturbance_Codes
disturbance_code: NUMBER(5) NOT NULL
disturbance_code_text: VARCHAR2(40) NOT NULL
VCD_Roundness_Codes
roundness_code: NUMBER(5) NOT NULL
roundness_code_text: VARCHAR2(40) NOT NULL
code_for_roundness
VCD_Roundness
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
roundness_code: NUMBER(5) NOT NULL (FK)
Fissility_Codes
ility_code: NUMBER(5) NOT NULL
ility_code_text: VARCHAR2(40) NOT NULL
code_for_fissility
VCD_Fissility
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
fissility_code: NUMBER(5) NOT NULL (FK)
VCD_Grain_Size_Codes
grain_size_code: NUMBER(5) NOT NULL
grain_size_code_text: VARCHAR2(40) NOT NULL
code_for_major_grain_size
code_for_minor_grain_size
VCD_Grain_Size
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
major_grain_size_code: NUMBER(5) NOT NULL (FK)
max_major_grain_size: NUMBER(5) NOT NULL
min_major_grain_size: NUMBER(5) NOT NULL
minor_grain_size_code: NUMBER(5) NOT NULL (FK)
max_minor_grain_size: NUMBER(5) NOT NULL
min_minor_grain_size: NUMBER(5) NOT NULL
VCD_Staining_Codes
staining_code: NUMBER(5) NOT NULL
staining_code_text: VARCHAR2(40) NOT NULL
VCD_Reaction_Rim_Int_Codes
reaction_rim_intensity_code: NUMBER(3) NOT NULL
reaction_rim_int_code_text: VARCHAR2(40) NULL
code_for_staining
VCD_Sorting_Codes
sorting_code: NUMBER(5) NOT NULL
sorting_code_text: VARCHAR2(40) NOT NULL
descriptor_for_roundness
code_for_sorting
VCD_Sample_Comments
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
vcd_sample_comment_label: VARCHAR2(40) NOT NULL
VCD_Staining
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
staining_code: NUMBER(5) NOT NULL (FK)
VCD_Sorting
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
sorting_code: NUMBER(5) NOT NULL (FK)
descriptor_for_fissility
descriptor_for_disturbance
descriptor_for_grain_size
descriptor_for_sample_comments
descriptor_for_staining
descriptor_for_sorting
descriptor_for_texture
descriptor_for_porosity
VCD_Porosity_Codes
porosity_code: NUMBER(5) NOT NULL
porosity_code_text: VARCHAR2(50) NOT NULL
code_describes_porosity
VCD_Porosity
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
porosity_code: NUMBER(5) NOT NULL (FK)
porosity_pct: NUMBER(3) NOT NULL
VCD_Texture
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
texture_code: NUMBER(5) NOT NULL (FK)
code_for_texture
VCD_Texture_Codes
texture_code: NUMBER(5) NOT NULL
texture_code_text: VARCHAR2(40) NOT NULL
VCD_Fabric_Class_Codes
fabric_class_code: NUMBER(3) NOT NULL
fabric_class_code_text: VARCHAR2(40) NULL
abric_class
VCD_Fault
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
core_dip: NUMBER(4) NULL
core_dip_direction: NUMBER(4) NULL
fault_class_code: NUMBER(3) NOT NULL (FK)
fault_type_code: NUMBER(3) NOT NULL (FK)
first_apparent_azimuth: NUMBER(4) NULL
first_apparent_dip: NUMBER(4) NULL
plunge: NUMBER(4) NULL
second_apparent_azimuth: NUMBER(4) NULL
second_apparent_dip: NUMBER(4) NULL
shear_sense_code: NUMBER(3) NOT NULL (FK)
slickensides_habit_code: NUMBER(3) NOT NULL (FK)
trend: NUMBER(4) NULL
true_dip_absolute: NUMBER(4) NULL
true_dip_core: NUMBER(4) NULL
true_plunge: NUMBER(4) NULL
true_strike_absolute: NUMBER(4) NULL
true_strike_core: NUMBER(4) NULL
true_trend: NUMBER(4) NULL
code_for_shear_sense
VCD_Shear_Sense_Codes
shear_sense_code: NUMBER(3) NOT NULL
shear_sense_code_text: VARCHAR2(40) NULL
VCD_Fabric_Minerals
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
descriptor_code: NUMBER(2) NOT NULL (FK)
mineral_code: NUMBER(6) NOT NULL (FK)
have_minerals
code_for_slickensides_habits
VCD_Slickensides_Habit_Codes
slickensides_habit_code: NUMBER(3) NOT NULL
slickensides_habit_code_text: VARCHAR2(40) NULL
fabric_may_have_comment
code_for_fault_type
fault_may_contain_minerals
VCD_Fault_Minerals
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
descriptor_code: NUMBER(2) NOT NULL (FK)
mineral_code: NUMBER(6) NOT NULL (FK)
_Fabric_Long_Cmt
criptor_id: NUMBER(9) NOT NULL (FK)
ation: VARCHAR2(3) NOT NULL (FK)
ment_sequence_number: NUMBER(3) NOT NULL
_comment_text: VARCHAR2(80) NOT NULL
VCD_Fault_Type_Codes
fault_type_code: NUMBER(3) NOT NULL
fault_type_code_text: VARCHAR2(40) NULL
code_for_fault_class
fault_may_have_long_cmt
VCD_Fault_Long_Cmt
descriptor_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
comment_sequence_number: NUMBER(3) NOT NULL
vcd_comment_text: VARCHAR2(80) NOT NULL
VCD_Fault_Class_Codes
fault_class_code: NUMBER(3) NOT NULL
fault_class_code_text: VARCHAR2(40) NULL