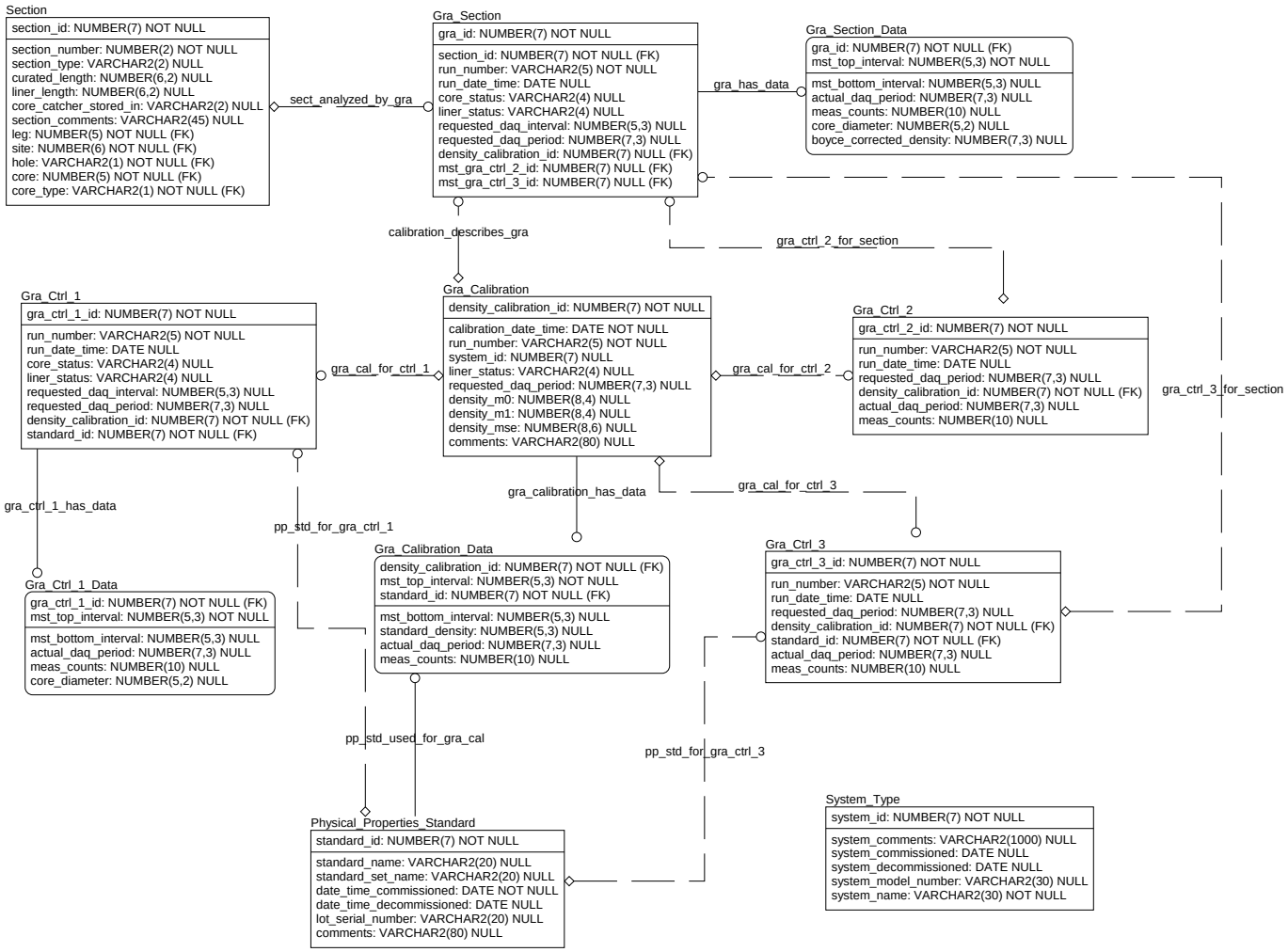
Section
section_id: NUMBER(7) NOT NULL
section_number: NUMBER(2) NOT NULL
section_type: VARCHAR2(2) NULL
curated_length: NUMBER(6,2) NULL
liner_length: NUMBER(6,2) NULL
core_catcher_stored_in: VARCHAR2(2) NULL
section_comments: VARCHAR2(45) NULL
leg: NUMBER(5) NOT NULL (FK)
site: NUMBER(6) NOT NULL (FK)
hole: VARCHAR2(1) NOT NULL (FK)
core: NUMBER(5) NOT NULL (FK)
core_type: VARCHAR2(1) NOT NULL (FK)
sect_analyzed_by_gra
Gra_Section
gra_id: NUMBER(7) NOT NULL
section_id: NUMBER(7) NOT NULL (FK)
run_number: VARCHAR2(5) NOT NULL
run_date_time: DATE NULL
core_status: VARCHAR2(4) NULL
liner_status: VARCHAR2(4) NULL
requested_daq_interval: NUMBER(5,3) NULL
requested_daq_period: NUMBER(7,3) NULL
density_calibration_id: NUMBER(7) NULL (FK)
mst_gra_ctrl_2_id: NUMBER(7) NULL (FK)
mst_gra_ctrl_3_id: NUMBER(7) NULL (FK)
gra_has_data
Gra_Section_Data
gra_id: NUMBER(7) NOT NULL (FK)
mst_top_interval: NUMBER(5,3) NOT NULL
mst_bottom_interval: NUMBER(5,3) NULL
actual_daq_period: NUMBER(7,3) NULL
meas_counts: NUMBER(10) NULL
core_diameter: NUMBER(5,2) NULL
boyce_corrected_density: NUMBER(7,3) NULL
calibration_describes_gra
gra_ctrl_2_for_section
Gra_Ctrl_1
gra_ctrl_1_id: NUMBER(7) NOT NULL
run_number: VARCHAR2(5) NOT NULL
run_date_time: DATE NULL
core_status: VARCHAR2(4) NULL
liner_status: VARCHAR2(4) NULL
requested_daq_interval: NUMBER(5,3) NULL
requested_daq_period: NUMBER(7,3) NULL
density_calibration_id: NUMBER(7) NOT NULL (FK)
standard_id: NUMBER(7) NOT NULL (FK)
gra_cal_for_ctrl_1
Gra_Calibration
density_calibration_id: NUMBER(7) NOT NULL
calibration_date_time: DATE NOT NULL
run_number: VARCHAR2(5) NOT NULL
system_id: NUMBER(7) NULL
liner_status: VARCHAR2(4) NULL
requested_daq_period: NUMBER(7,3) NULL
density_m0: NUMBER(8,4) NULL
density_m1: NUMBER(8,4) NULL
density_mse: NUMBER(8,6) NULL
comments: VARCHAR2(80) NULL
gra_cal_for_ctrl_2
Gra_Ctrl_2
gra_ctrl_2_id: NUMBER(7) NOT NULL
run_number: VARCHAR2(5) NOT NULL
run_date_time: DATE NULL
requested_daq_period: NUMBER(7,3) NULL
density_calibration_id: NUMBER(7) NOT NULL (FK)
actual_daq_period: NUMBER(7,3) NULL
meas_counts: NUMBER(10) NULL
gra_ctrl_3_for_section
gra_ctrl_1_has_data
gra_calibration_has_data
gra_cal_for_ctrl_3
pp_std_for_gra_ctrl_1
Gra_Ctrl_1_Data
gra_ctrl_1_id: NUMBER(7) NOT NULL (FK)
mst_top_interval: NUMBER(5,3) NOT NULL
mst_bottom_interval: NUMBER(5,3) NULL
actual_daq_period: NUMBER(7,3) NULL
meas_counts: NUMBER(10) NULL
core_diameter: NUMBER(5,2) NULL
Gra_Calibration_Data
density_calibration_id: NUMBER(7) NOT NULL (FK)
mst_top_interval: NUMBER(5,3) NOT NULL
standard_id: NUMBER(7) NOT NULL (FK)
mst_bottom_interval: NUMBER(5,3) NULL
standard_density: NUMBER(5,3) NULL
actual_daq_period: NUMBER(7,3) NULL
meas_counts: NUMBER(10) NULL
Gra_Ctrl_3
gra_ctrl_3_id: NUMBER(7) NOT NULL
run_number: VARCHAR2(5) NOT NULL
run_date_time: DATE NULL
requested_daq_period: NUMBER(7,3) NULL
density_calibration_id: NUMBER(7) NOT NULL (FK)
standard_id: NUMBER(7) NOT NULL (FK)
actual_daq_period: NUMBER(7,3) NULL
meas_counts: NUMBER(10) NULL
pp_std_used_for_gra_cal
pp_std_for_gra_ctrl_3
Physical_Properties_Standard
standard_id: NUMBER(7) NOT NULL
standard_name: VARCHAR2(20) NULL
standard_set_name: VARCHAR2(20) NULL
date_time_commissioned: DATE NOT NULL
date_time_decommissioned: DATE NULL
lot_serial_number: VARCHAR2(20) NULL
comments: VARCHAR2(80) NULL
System_Type
system_id: NUMBER(7) NOT NULL
system_comments: VARCHAR2(1000) NULL
system_commissioned: DATE NULL
system_decommissioned: DATE NULL
system_model_number: VARCHAR2(30) NULL
system_name: VARCHAR2(30) NOT NULL