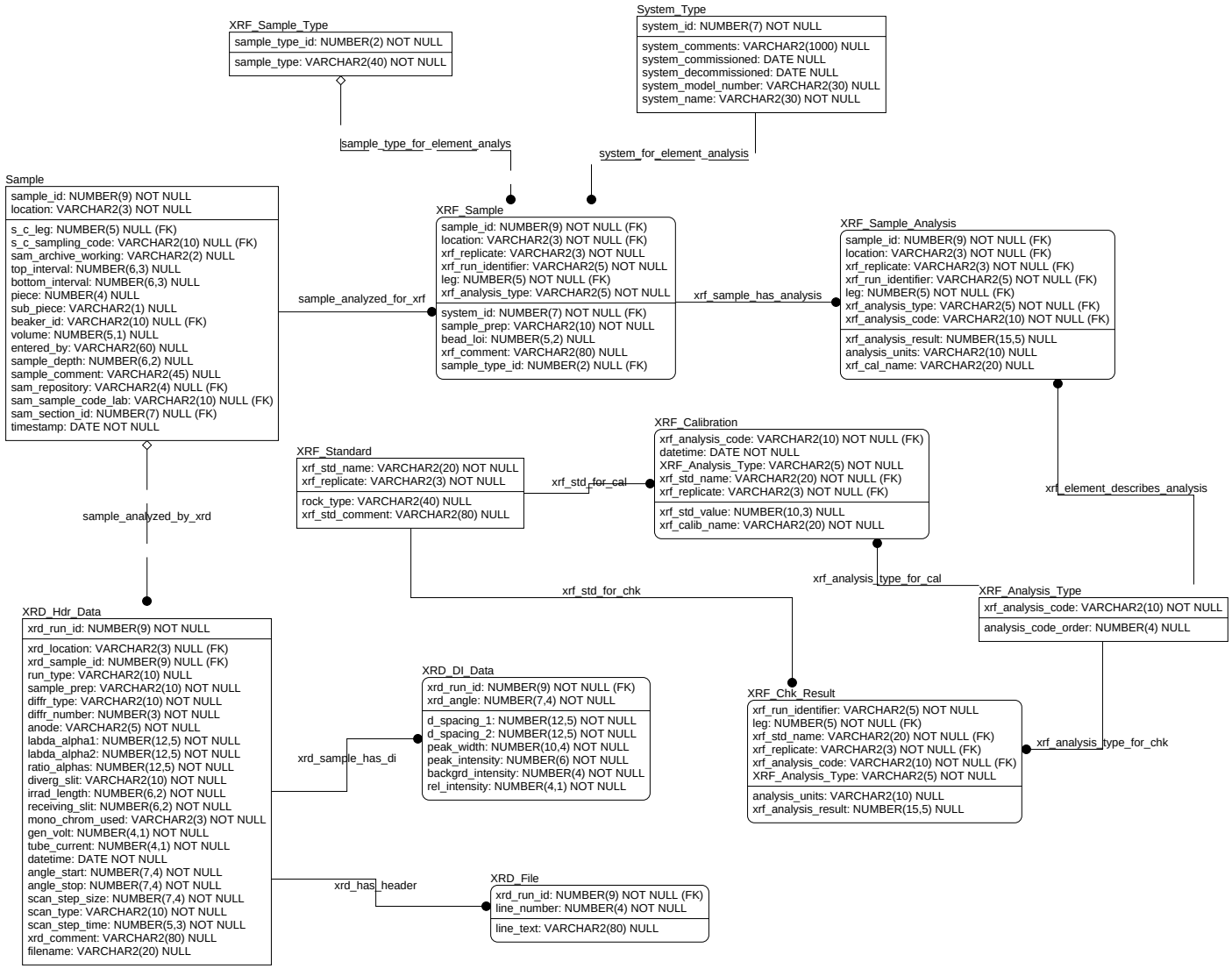
XRF_Sample_Type
sample_type_id: NUMBER(2) NOT NULL
sample_type: VARCHAR2(40) NOT NULL
System_Type
system_id: NUMBER(7) NOT NULL
system_comments: VARCHAR2(1000) NULL
system_commissioned: DATE NULL
system_decommissioned: DATE NULL
system_model_number: VARCHAR2(30) NULL
system_name: VARCHAR2(30) NOT NULL
sample_type_for_element_analys
system_for_element_analysis
Sample
sample_id: NUMBER(9) NOT NULL
location: VARCHAR2(3) NOT NULL
s_c_leg: NUMBER(5) NULL (FK)
s_c_sampling_code: VARCHAR2(10) 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)
sam_sample_code_lab: VARCHAR2(10) NULL (FK)
sam_section_id: NUMBER(7) NULL (FK)
timestamp: DATE NOT NULL
XRF_Sample
sample_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
xrf_replicate: VARCHAR2(3) NOT NULL
xrf_run_identifier: VARCHAR2(5) NOT NULL
leg: NUMBER(5) NOT NULL (FK)
xrf_analysis_type: VARCHAR2(5) NOT NULL
system_id: NUMBER(7) NOT NULL (FK)
sample_prep: VARCHAR2(10) NOT NULL
bead_loi: NUMBER(5,2) NULL
xrf_comment: VARCHAR2(80) NULL
sample_type_id: NUMBER(2) NULL (FK)
sample_analyzed_for_xrf
xrf_sample_has_analysis
XRF_Sample_Analysis
sample_id: NUMBER(9) NOT NULL (FK)
location: VARCHAR2(3) NOT NULL (FK)
xrf_replicate: VARCHAR2(3) NOT NULL (FK)
xrf_run_identifier: VARCHAR2(5) NOT NULL (FK)
leg: NUMBER(5) NOT NULL (FK)
xrf_analysis_type: VARCHAR2(5) NOT NULL (FK)
xrf_analysis_code: VARCHAR2(10) NOT NULL (FK)
xrf_analysis_result: NUMBER(15,5) NULL
analysis_units: VARCHAR2(10) NULL
xrf_cal_name: VARCHAR2(20) NULL
XRF_Calibration
xrf_analysis_code: VARCHAR2(10) NOT NULL (FK)
datetime: DATE NOT NULL
XRF_Analysis_Type: VARCHAR2(5) NOT NULL
xrf_std_name: VARCHAR2(20) NOT NULL (FK)
xrf_replicate: VARCHAR2(3) NOT NULL (FK)
xrf_std_value: NUMBER(10,3) NULL
xrf_calib_name: VARCHAR2(20) NOT NULL
XRF_Standard
xrf_std_name: VARCHAR2(20) NOT NULL
xrf_replicate: VARCHAR2(3) NOT NULL
rock_type: VARCHAR2(40) NULL
xrf_std_comment: VARCHAR2(80) NULL
xrf_std_for_cal
xrf_element_describes_analysis
sample_analyzed_by_xrd
xrf_analysis_type_for_cal
xrf_std_for_chk
XRF_Analysis_Type
xrf_analysis_code: VARCHAR2(10) NOT NULL
analysis_code_order: NUMBER(4) NULL
XRD_Hdr_Data
xrd_run_id: NUMBER(9) NOT NULL
xrd_location: VARCHAR2(3) NULL (FK)
xrd_sample_id: NUMBER(9) NULL (FK)
run_type: VARCHAR2(10) NULL
sample_prep: VARCHAR2(10) NOT NULL
diffr_type: VARCHAR2(10) NOT NULL
diffr_number: NUMBER(3) NOT NULL
anode: VARCHAR2(5) NOT NULL
labda_alpha1: NUMBER(12,5) NOT NULL
labda_alpha2: NUMBER(12,5) NOT NULL
ratio_alphas: NUMBER(12,5) NOT NULL
diverg_slit: VARCHAR2(10) NOT NULL
irrad_length: NUMBER(6,2) NOT NULL
receiving_slit: NUMBER(6,2) NOT NULL
mono_chrom_used: VARCHAR2(3) NOT NULL
gen_volt: NUMBER(4,1) NOT NULL
tube_current: NUMBER(4,1) NOT NULL
datetime: DATE NOT NULL
angle_start: NUMBER(7,4) NOT NULL
angle_stop: NUMBER(7,4) NOT NULL
scan_step_size: NUMBER(7,4) NOT NULL
scan_type: VARCHAR2(10) NOT NULL
scan_step_time: NUMBER(5,3) NOT NULL
xrd_comment: VARCHAR2(80) NULL
filename: VARCHAR2(20) NULL
XRD_DI_Data
xrd_run_id: NUMBER(9) NOT NULL (FK)
xrd_angle: NUMBER(7,4) NOT NULL
d_spacing_1: NUMBER(12,5) NOT NULL
d_spacing_2: NUMBER(12,5) NOT NULL
peak_width: NUMBER(10,4) NOT NULL
peak_intensity: NUMBER(6) NOT NULL
backgrd_intensity: NUMBER(4) NOT NULL
rel_intensity: NUMBER(4,1) NOT NULL
xrd_sample_has_di
XRF_Chk_Result
xrf_run_identifier: VARCHAR2(5) NOT NULL
leg: NUMBER(5) NOT NULL (FK)
xrf_std_name: VARCHAR2(20) NOT NULL (FK)
xrf_replicate: VARCHAR2(3) NOT NULL (FK)
xrf_analysis_code: VARCHAR2(10) NOT NULL (FK)
XRF_Analysis_Type: VARCHAR2(5) NOT NULL
analysis_units: VARCHAR2(10) NULL
xrf_analysis_result: NUMBER(15,5) NULL
xrf_analysis_type_for_chk
xrd_has_header
XRD_File
xrd_run_id: NUMBER(9) NOT NULL (FK)
line_number: NUMBER(4) NOT NULL
line_text: VARCHAR2(80) NULL